

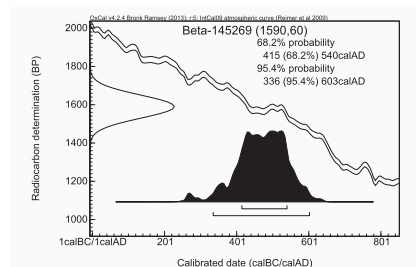
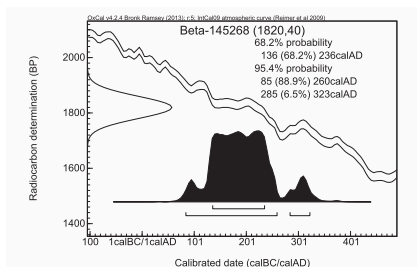
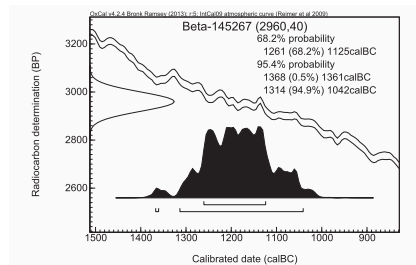
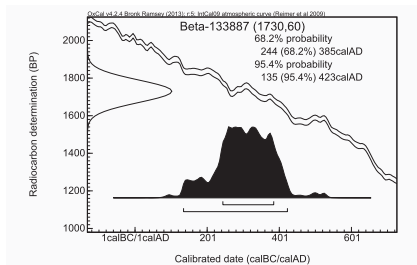
## Appendix II: Radiocarbon Dates

All radiocarbon datings from the ARM excavations 2011–12 have been calibrated according to OxCal v4.2.3 (Reimer et al. 2009); they are listed by laboratory numbers, and with their respective calibration curves. Pre-2011 datings (in italics) have been recalibrated. Datings on material from previous excavations on courtyard sites (Iversen, Ch. 26) are listed separately (pp. 889–97). Prefixes in each dating's laboratory number indicates laboratory and dating method – see Abbreviations (pp. XIII–XIV).

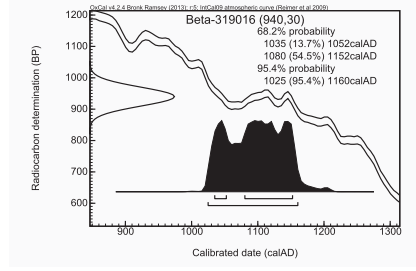
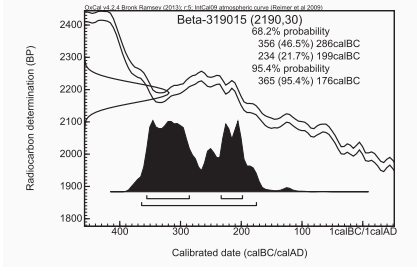
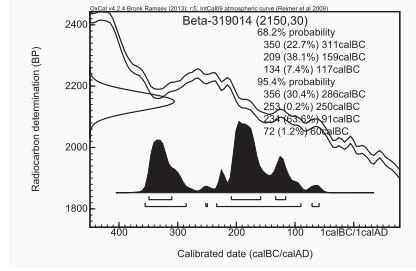
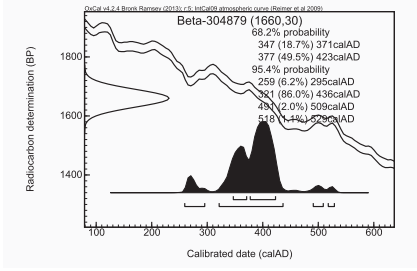
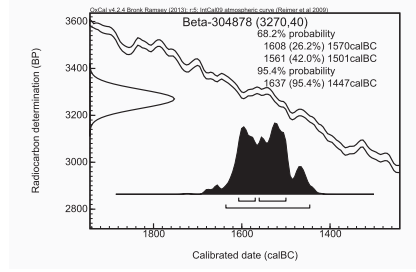
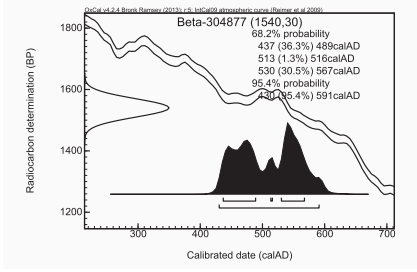
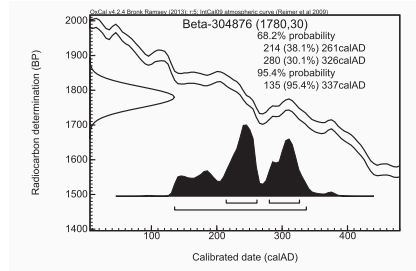
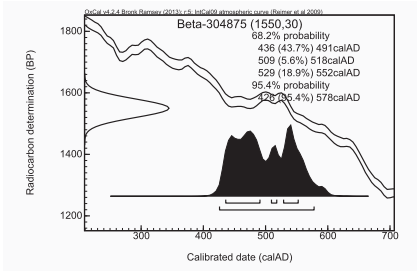
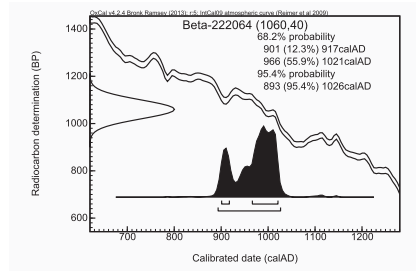
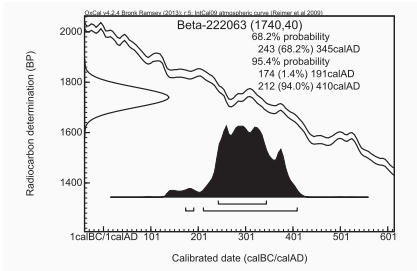
When referred to in the text, datings are given in terms of the one sigma (68.2% probability) unless otherwise stated. If the one sigma spans more than one time interval, only the start of the earliest and end of the most recent is indicated. For example, for the dating Beta-304876 where the one sigma spans the two periods AD 214–61 and 280–326, this is written as AD 214–326.

### Avaldsnes and Vicinity

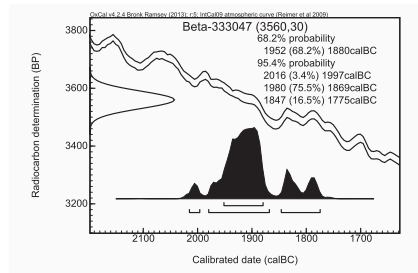
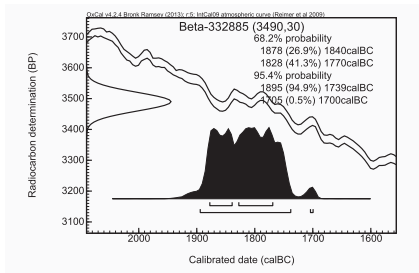
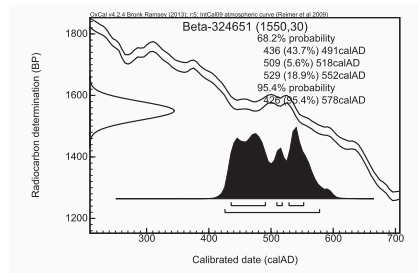
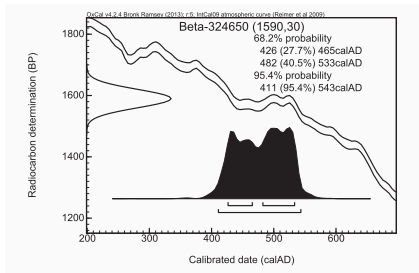
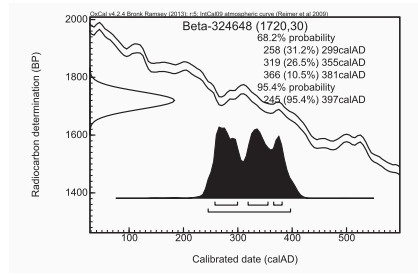
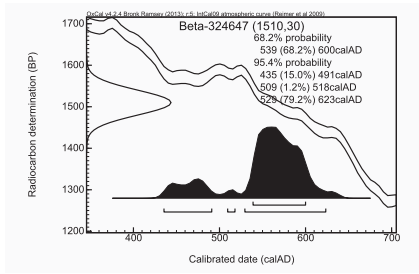
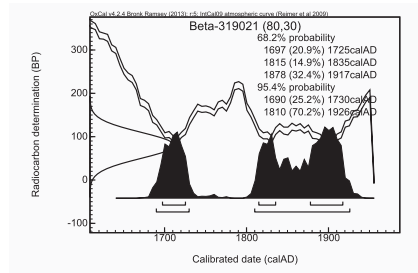
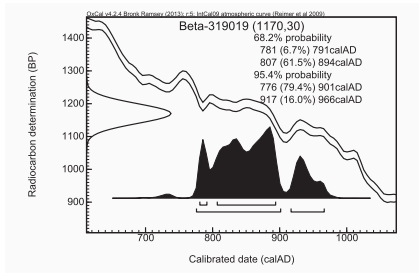
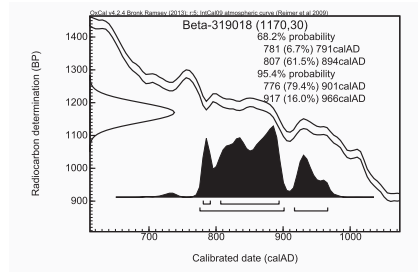
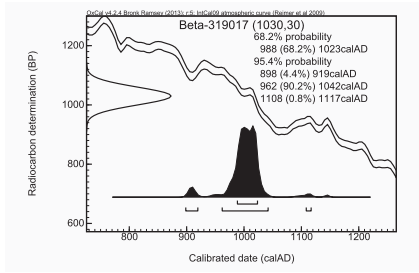
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Beta-133887	Avaldsnes		1730 +/- 60	AD 244–385	AD 135–423	Grave 2000: structure 1
Beta-145267	Avaldsnes		2960 +/- 40	BC 1261–1125	BC 1368–1314, 1042	Cultivation deposit 2000: layer 5
Beta-145268	Avaldsnes		1820 +/- 40	AD 136–236	AD 85–260, 285–323	Grave 2000: structure 2
Beta-145269	Avaldsnes		1590 +/- 60	AD 415–540	AD 336–603	Grave 2000: structure 4



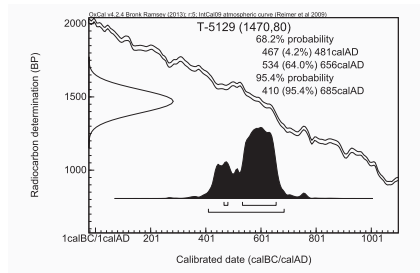
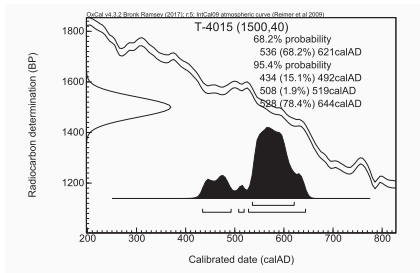
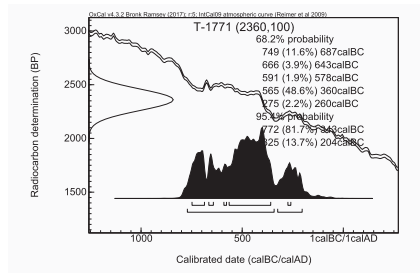
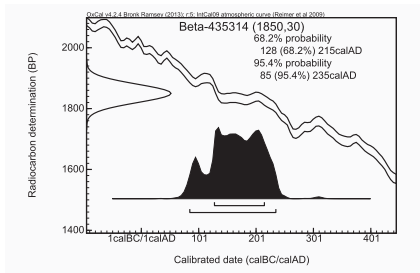
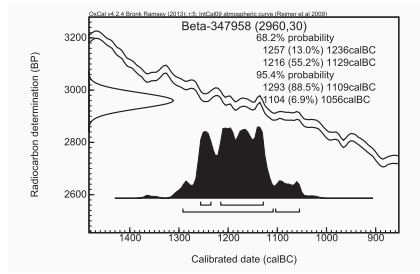
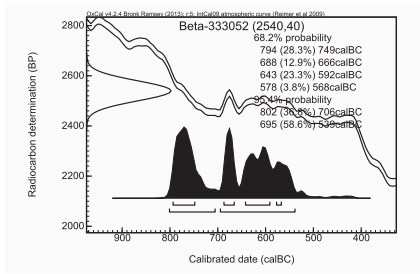
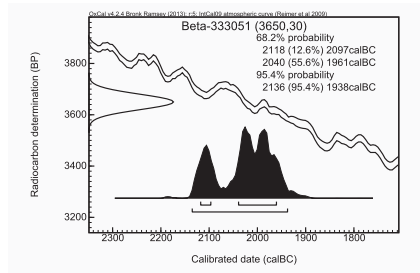
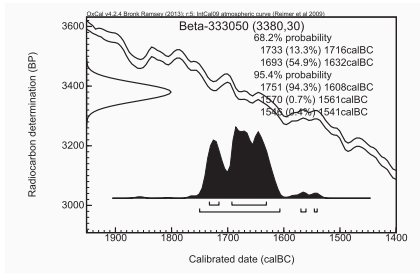
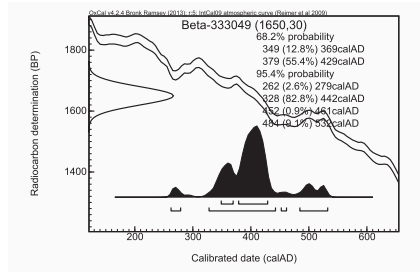
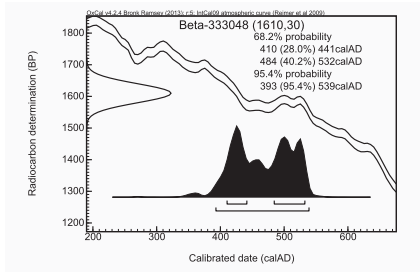
LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Beta-222063	Avalsnes 2006/19-1	Charred material	1740 +/- - 40	AD 243-345	AD 174-191, 212-410	Hearth A8957, A10
Beta-222064	Avalsnes 2006/19-2	Charred material	1060 +/- - 40	AD 901-917, 966-1021	AD 893-1026	Posthole A18687, A14
Beta-304875	Avalsnes 1546	Betula	1550 +/- - 30	AD 436-491, 509-518, 529-552	AD 426-578	Cooking pit A2046
Beta-304876	Avalsnes 1552	Betula	1780 +/- - 30	AD 214-261, 280-326	AD 135-337	Cooking Pit A3889
Beta-304877	Avalsnes 1555	Betula	1540 +/- - 30	AD 437-489, 513-516, 530-567	AD 430-591	Cooking pit A5031
Beta-304878	Avalsnes 1721	Betula	3270 +/- - 40	BC 1608- 1570, 1561-1501	BC 1637- 1447	Cultivation deposit A4216
Beta-304879	Avalsnes 1566	Betula	1660 +/- - 30	AD 347-371, 377-423	AD 259-295, 321-436, 491-509, 518-529	Hearth A8957, A10
Beta-319014	Avalsnes 39	Hordeum vulgare	2150 +/- - 30	BC 350-311, 209-159, 134-117	BC 356-286, 235-250, 234-91, 72-60	Cooking pit A9568
Beta-319015	Avalsnes 61	Hordeum vulgare	2190 +/- - 30	BC 356-286, 234-201	BC 365-176	Cooking pit A18656
Beta-319016	Avalsnes 76	Avena	940 +/- - 30	AD 1035- 1052, 1080-1152	AD 1025- 1160	Stakehole A18736, A14



LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Beta-319017	Avalsdsnes 75	Betula	1030 +/- - 30	AD 988-1023	AD 898-919, 962-1042, 1108-1117	Posthole 19799, A14
Beta-319018	Avalsdsnes 91	Hordeum vulgare	1170 +/- - 30	AD 781-791, 807-894	AD 776-901, 917-966	Posthole A10197
Beta-319019	Avalsdsnes 98	Hordeum vulgare	1170 +/- - 30	AD 781-791, 807-894	AD 776-901, 917-966	Pit A20476
Beta-319021	Avalsdsnes 126	Corylus avellana nutshell	80 +/- - 30	AD 1697- 1725, 1815- 1835, 1878-1917	AD 1690- 1730, 1810-1926	Well A11062
Beta-324647	Avalsdsnes 129	Populus	1510 +/- - 30	AD 539-600	AD 435-491, 509-518, 529-623	Possible floor, A28805, A40
Beta-324648	Avalsdsnes 130	Alnus	1720 +/- - 30	AD 258-299, 319-355, 366-381	AD 245-397	Posthole A31295, A40
Beta-324650	Avalsdsnes 132	Betula	1590 +/- - 30	AD 426-465, 482-533	AD 411-543	Conduit A30325, A40
Beta-324651	Avalsdsnes 135	Betula	1550 +/- - 30	AD 436-491, 509-518, 529-552	AD 426-578	Posthole A31003, A40
Beta-332885	Avalsdsnes 473	Alnus	3490 +/- - 30	BC 1878- 1840, 1828-1770	BC 1895- 1739, 1705-1700	Hearth A46300, A13
Beta-333047	Avalsdsnes 412	Salix/ populus	3560 +/- - 30	BC 1952- 1880	BC 2016- 1997, 1980- 1869, 1847-1775	Posthole A48787, A13

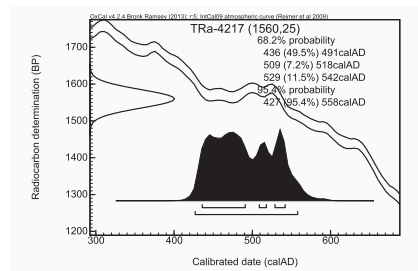
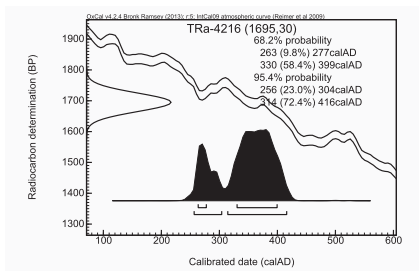
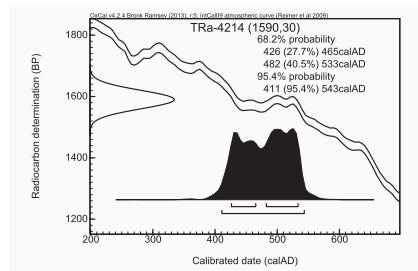
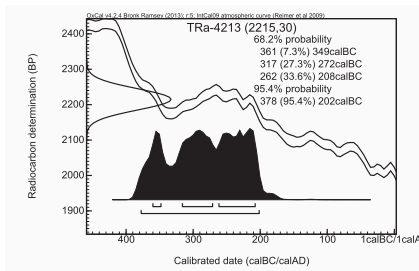
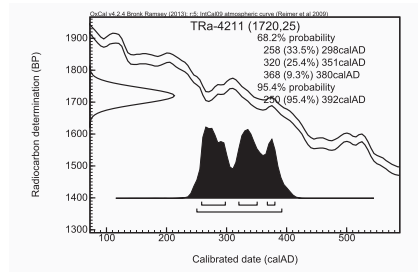
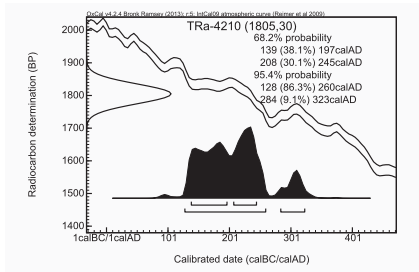
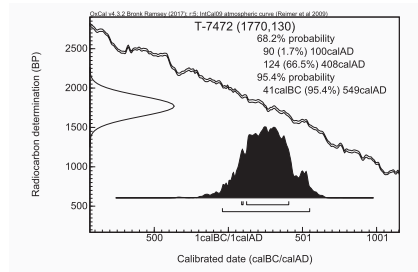
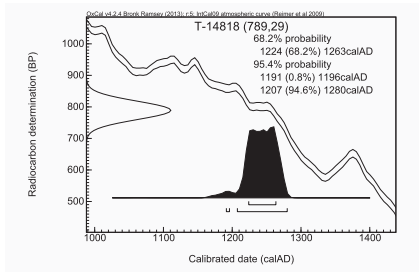
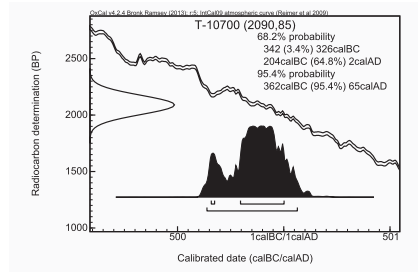
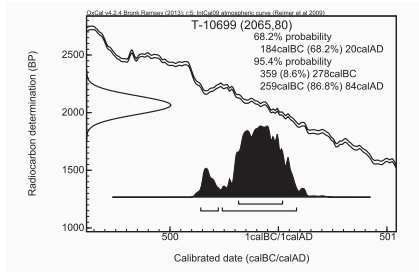


LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Beta-333048	Avaldsnes 320	Betula	1610 +/- - 30	AD 410–441, 484–532	AD 393–539	Posthole A46673, A13
Beta-333049	Avaldsnes 313	Hordeum vulgare	1650 +/- - 30	AD 349–369, 379–429	AD 262–279, 328–442, 452–461, 484–532	Posthole A46796, A13
Beta-333050	Avaldsnes 304	Alnus	3380 +/- - 30	BC 1733– 1716, 1693–1632	BC 1751– 1608, 1570–1561, 1546–1541	Charcoal concentration A42891
Beta-333051	Avaldsnes 279	Betula	3650 +/- - 30	BC 2118– 2097, 2040–1961	BC 2136– 1938	Impression of removed stone A44121
Beta-333052	Avaldsnes 216	Hordeum vulgare	2540 +/- - 40	BC 794–749, 688–666, 643–592, 578–568	BC 802–706, 695–539	Charcoal deposit A39717
Beta-347958	Avaldsnes 1720	Humus	2960 +/- - 30	BC 1257– 1236, 1216–1129	BC 1293– 1109, 1104–1056	Cultural deposit A9601
Beta-435314	Avaldsnes 475	Quercus	1858 +/- - 30	AD 128–215	AD 85–235	Hearth A46300, A13
T-1771	Taksdal	Quercus	2360 +/- - 100	BC 749–687, 666–643, 591–578, 565–360, 275–260	BC 772–343, 325–204	Ard, S8749
T-4015	Madla	Bog butter	1500 +/- - 40	AD 536–621	AD 434–492, 508–519, 528–644	Bog butter, S9457
T-5129	Salhusaug -	Pinus	1470 +/- - 80	AD 440–450, 460–490, 530–660	AD 410–700	Wooden spade from grave mound

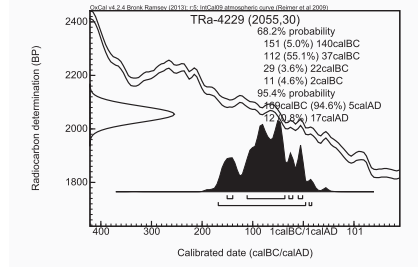
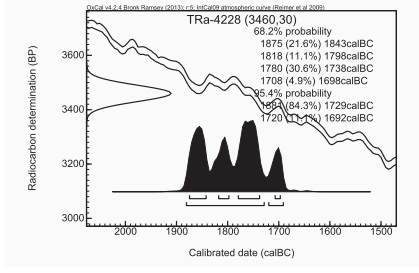
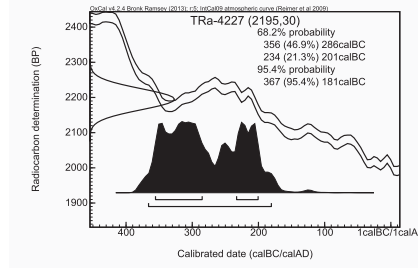
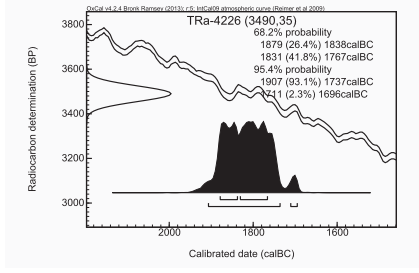
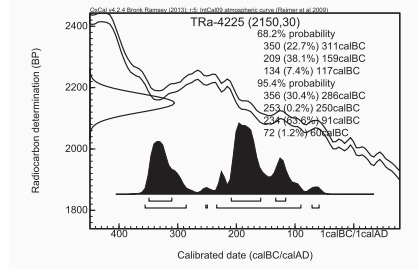
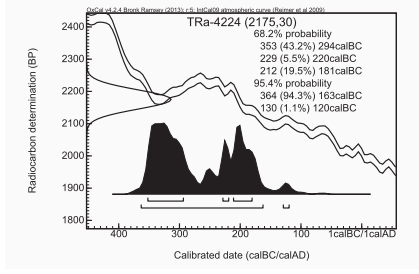
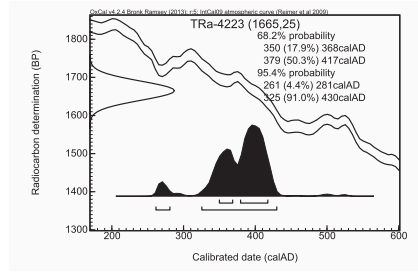
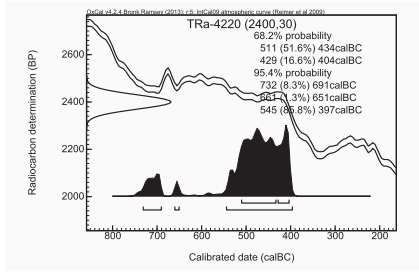
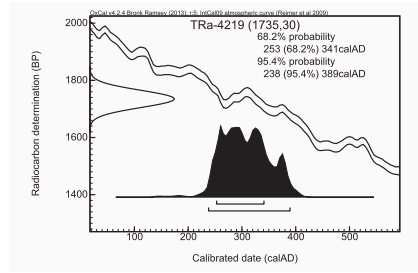
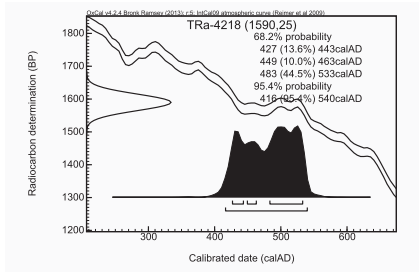


LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
T-7472	Bø	Skeletal remains (human)	1770 +/- - 130	AD 90–100, 124–408	AD 41–549	Skeletal remains (human), S10968
T-10699	Avalsnes	Betula, Salix, Corylus	2065 +/- -80	BC 184–AD 20	BC 359–278, 259–84	Hearth 1992:35
T-10700	Avalsnes	Betula, Salix	2090 +/- - 85	BC 342– 326,BC 204–AD 2	BC 362–AD 65	Hearth (1992: 31)
T-14818	Gloppenhavn -	Unknown	789 +/- - 29	AD 1224– 1263	AD 1191– 1196, AD 1207–1280	Shipwreck in Gloppenhavn P. #
Tra-4210	Avalsnes 274	Alnus	1805 +/- - 30	AD 139–197, 208–245	AD 128–260, 284–323	Cooking pit A44603
TRa-4211	Avalsnes 9	Corylus avellana nutshell	1720 +/- - 25	AD 258–298, 320–351, 368–380	AD 250–392	Cooking pit A3646
TRa-4213	Avalsnes 11		2215 +/- - 30	BC 361–349, 317–272, 262–208	BC 378–202	Impression of removed stone A4079
TRa-4214	Avalsnes 14	Hordeum vulgare	1590 +/- - 30	AD 426–465, 482–533	AD 411–543	Cooking pit A1425
TRa-4216	Avalsnes 24	Corylus avellana nutshell	1695 +/- - 30	AD 263–277, 330–399	AD 256–304, 314–416	Cooking pit A5049
TRa-4217	Avalsnes 23	Salix	1560 +/- - 25	AD 436–491, 509–518, 529–542	AD 427–558	Cooking pit A5263

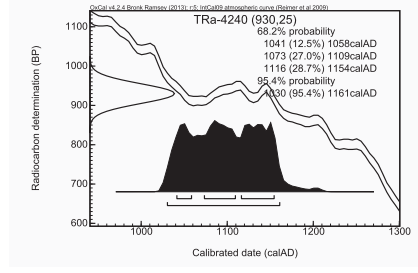
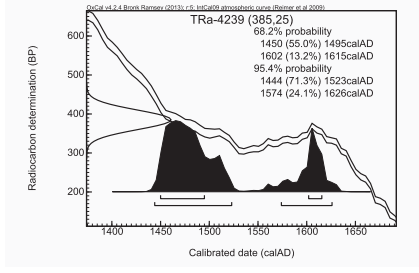
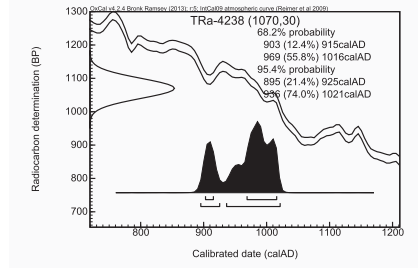
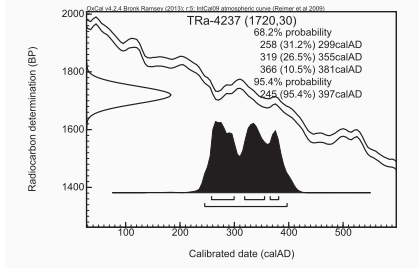
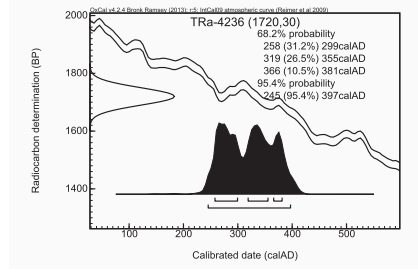
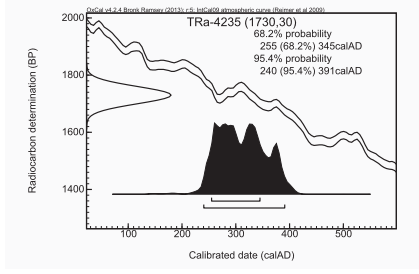
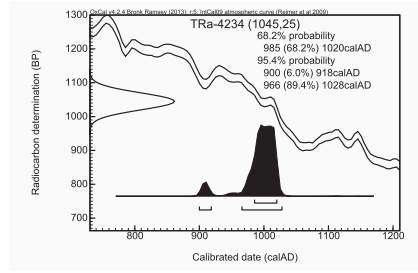
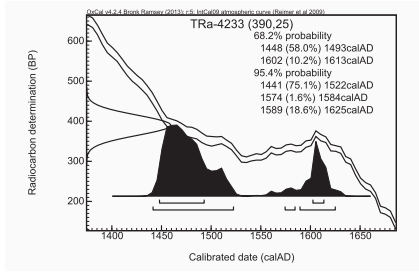
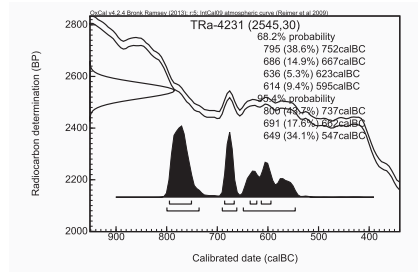
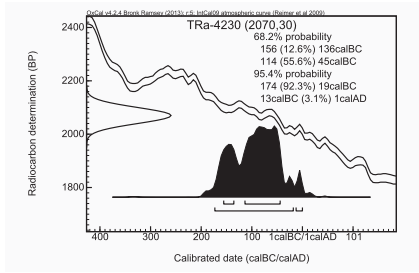




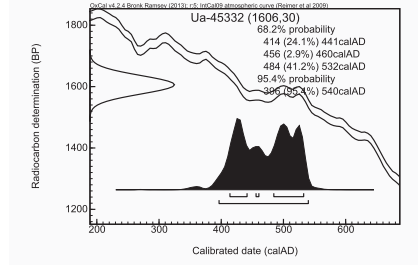
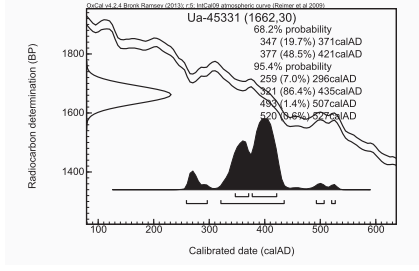
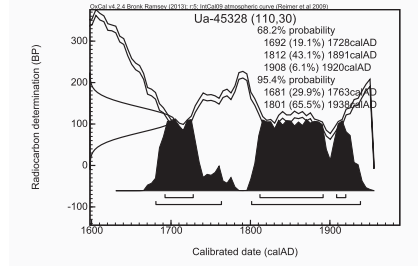
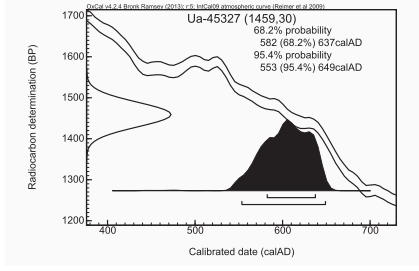
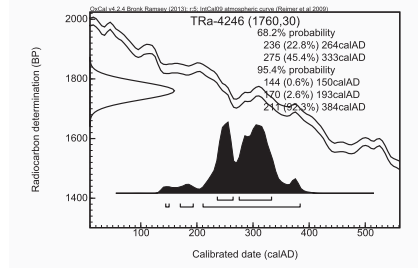
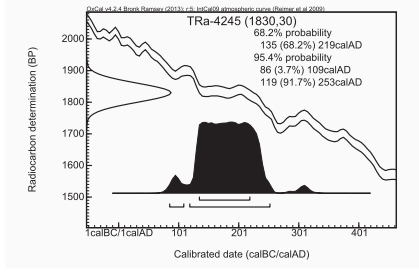
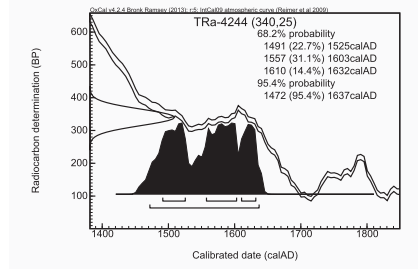
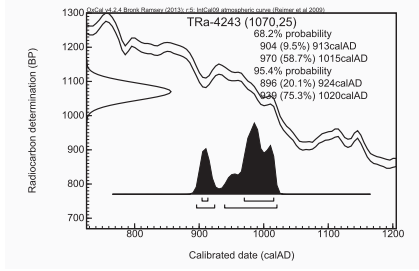
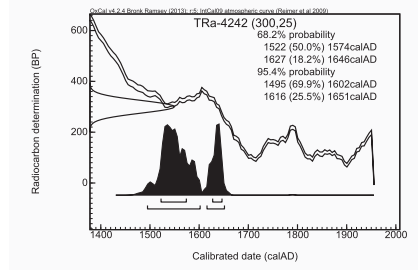
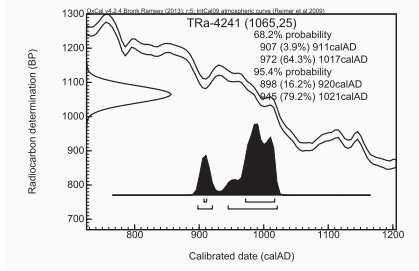
LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
TRa-4218	Avalsnes 27	Corylus avellana nutshell	1590 +/- - 25	AD 427-443, 449-463, 483-533	AD 416-540	Cooking pit A5376
TRa-4219	Avalsnes 25	Salix/ populus tremula	1735 +/- - 30	AD 253-341	AD 238-389	Cooking pit A5541
TRa-4220	Avalsnes 29	Corylus avellana nutshell	2400 +/- - 30	BC 511-434, 429-404	BC 732-691, 661-651, 545-397	Posthole A5815
TRa-4223	Avalsnes 30	Pinus	1665 +/- - 25	AD 350-368, 379-417	AD 261-281, 325-430	Cooking pit A5504
TRa-4224	Avalsnes 36	Betula	2175 +/- - 30	BC 353-294, 229-220, 212-181	BC 364-163, 130-120	Cooking pit A9150
TRa-4225	Avalsnes 37	Betula	2150 +/- - 30	BC 350-311, 209-159, 134-117	BC 356-286, 253-250, 234-91, 72-60	Cooking pit A9533
TRa-4226	Avalsnes 43	Corylus avellana nutshell	3490 +/- - 35	BC 1879- 1838, 1831- 1767	BC 1907- 1737, 1711-1696	Posthole A10500
TRa-4227	Avalsnes 49	Betula	2195 +/- - 30	BC 356-286, 234-201	BC 367-181	Cooking pit A12577
TRa-4228	Avalsnes 50	Salix	3460 +/- - 30	BC 1875- 1843, 1818-1798, 1780-1738, 1708-1698	BC 1881- 1729, 1720-1692	Cooking pit A4193
TRa-4229	Avalsnes 47	Betula	2055 +/- - 30	BC 151-140, 112-37, 29-22, 11-2	BC 169-AD 5,AD 12-17	Cooking pit A1640



LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
TRa-4230	Avaldsnes 53	Betula	2070 +/- - 30	BC 156-136, 114-45	BC 174-19,BC 13-AD 1	Cultivation deposit A103
TRa-4231	Avaldsnes 54	Corylus avellana nutshell	2545 +/- - 30	BC 795-752, 686-667, 636-623, 614-595	BC 800-737, 691-662, 649-547	Cultivation deposit A5882
TRa-4233	Avaldsnes 82	Salix	390 +/- - 25	AD 1448- 1493, 1602-1613	AD 1441- 1522, 1574- 1584, 1589-1625	Floor layer A6488
TRa-4234	Avaldsnes 89	Betula	1045 +/- - 25	AD 985-1020	AD 900-918, 966-1028	Discarded A19788
TRa-4235	Avaldsnes 74	Betula	1730 +/- - 30	AD 255-345	AD 240-391	Hearth A5793, A10
TRa-4236	Avaldsnes 86	Quercus	1720 +/- - 30	AD 258-299, 319-355, 366-381	AD 245-397	Hearth A8957, A10
TRa-4237	Avaldsnes 69	Betula	1720 +/- - 30	AD 258-299, 319-355, 366-381	AD 245-397	Posthole A18745, A10
TRa-4238	Avaldsnes 87	Betula	1070 +/- - 30	AD 903-915, 969-1016	AD 895-925, 936-1021	Posthole A19839, A14
TRa-4239	Avaldsnes 1953	Betula	385 +/- - 25	AD 1450- 1495, 1602-1615	AD 1444- 1523, 1574-1626	Possible post- hole A19880
TRa-4240	Avaldsnes 80	Betula	930 +/- - 25	AD 1041- 1058, 1073- 1109, 1116-1154	AD 1030- 1161	Hearth A8957, A10

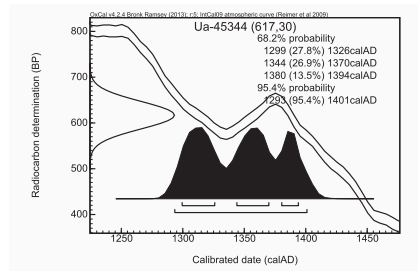
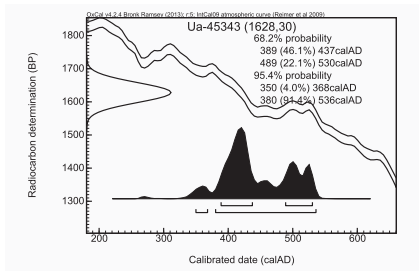
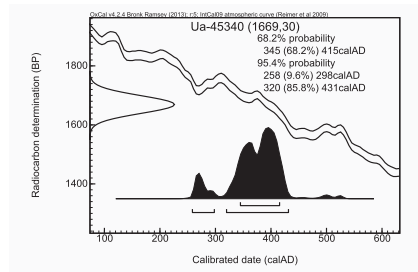
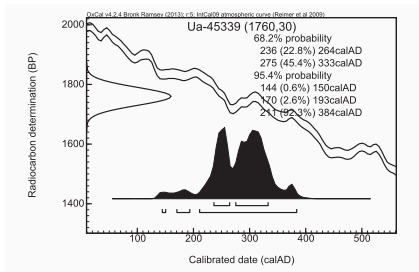
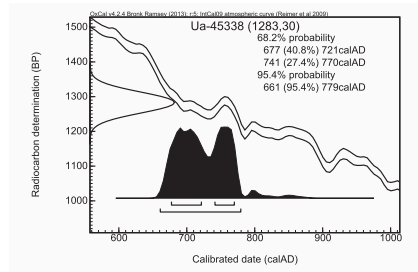
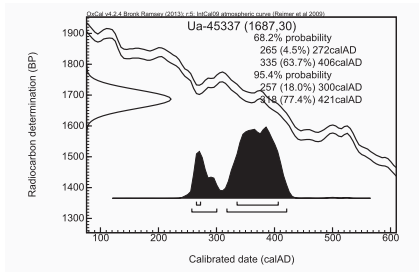
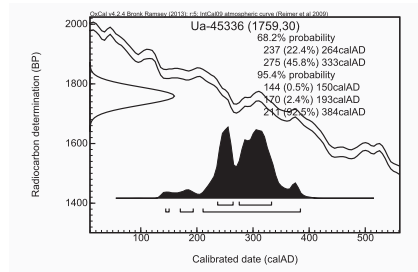
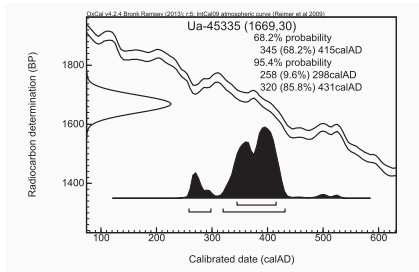
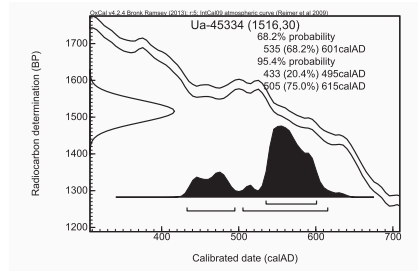
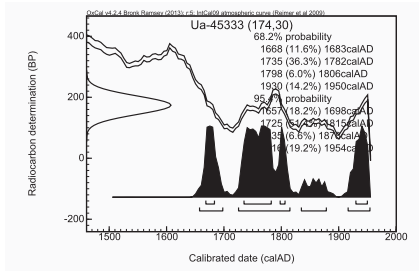


LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
TRa-4241	Avalsnes 88	Betula	1065 +/- - 25	AD 907-911, 972-1017	AD 898-920, 945-1021	Posthole A19829, A14
TRa-4242	Avalsnes 93	Betula	300 +/- - 25	AD 1522- 1574, 1627-1646	AD 1495- 1602, 1616-1651	Wall ditch A9231, A10
TRa-4243	Avalsnes 65	Betula	1070 +/- - 25	AD 904-913, 970-1015	AD 896-924, 939-1020	Posthole A18677, A14
TRa-4244	Avalsnes 72	Betula	340 +/- - 25	AD 1491- 1525, 1557- 1603, 1610-1632	AD 1472- 1637	Floor layer A20326
TRa-4245	Avalsnes 122	Betula	1830 +/- - 30	BC 135-AD 219	AD 86-109, 119-253	Post impres- sion A20921
TRa-4246	Avalsnes 109	Betula	1760 +/- - 30	AD 236-264, 275-333	AD 144-150, 170-193, 211-384	Discarded, A19860
Ua-45327	Avalsnes 127	Salix/ populus	1459 +/- - 30	AD 582-637	AD 553-649	Posthole A25343, A41
Ua-45328	Avalsnes 171	Betula	110 +/- - 30	AD 1692- 1728, 1812- 1891, 1908-1920	AD 1681- 1763, 1801-1938	Old ground surface A27331, A46
Ua-45331	Avalsnes 195	Betula	1662 +/- - 30	AD 347-371, 377-421	AD 259-296, 321-435, 493-507, 520-527	Construction layer A25526, A20
Ua-45332	Avalsnes 149	Betula	1606 +/- - 30	AD 414-441, 456-460, 484-532	AD 396-540	Charcoal concentration A32030

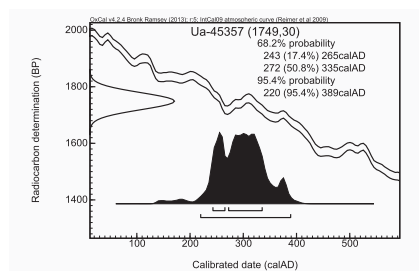
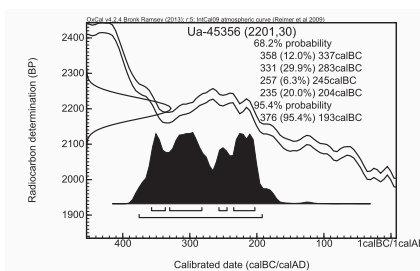
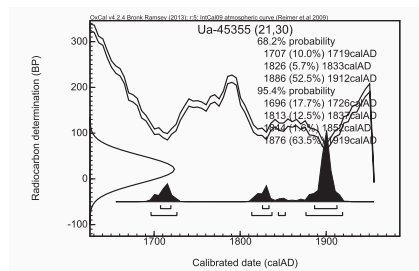
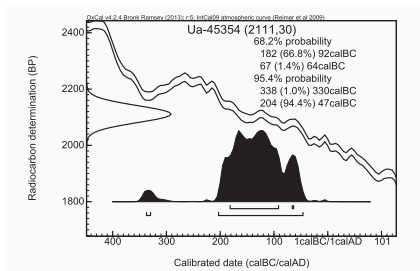
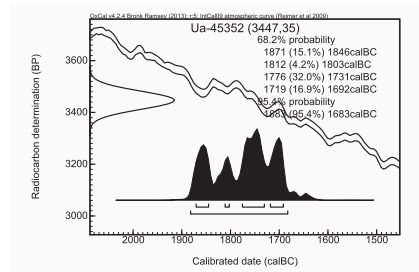
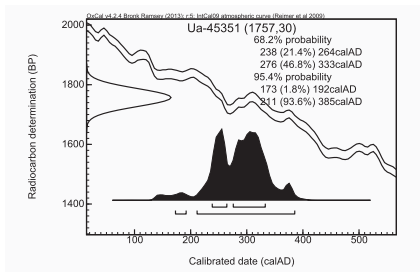
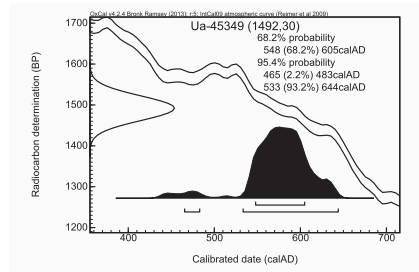
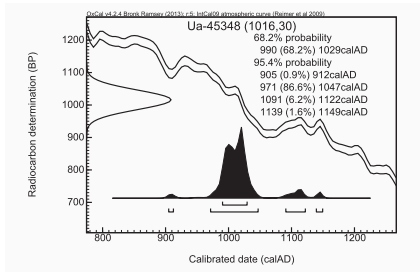
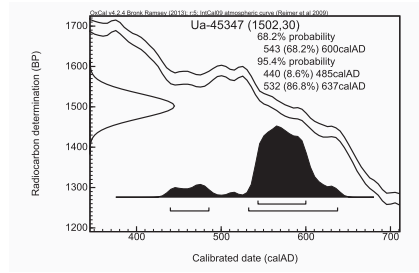
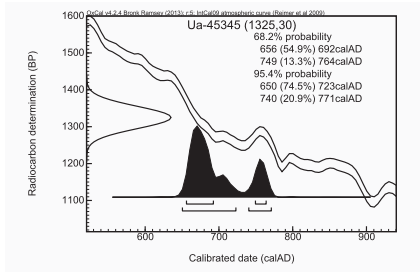


LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Ua-45333	Avalsnes 192	Betula	174 +/- - 30	AD 1668- 1683, 1735- 1782, 1798- 1806, 1930-1950	AD 1657- 1698, 1725- 1815, 1835- 1878, 1916-1954	Posthole A32087
Ua-45334	Avalsnes 287	Salix/ populus	1516 +/- - 30	AD 535-601	AD 433-495, 505-615	Oven A37744
Ua-45335	Avalsnes 196	Betula	1669 +/- - 30	AD 345-415	AD 258-298, 320-431	Cooking Pit A37846
Ua-45336	Avalsnes 200	Corylus	1759 +/- - 30	AD 237-264, 275-333	AD 144-150, 170-193, 211-384	Oven A37770
Ua-45337	Avalsnes 220	Corylus	1687 +/- -30	AD 265-272, 335-406	AD 257-300, 318-421	Oven A39340, A401438
Ua-45338	Avalsnes 245	Betula	1283 +/- - 30	AD 677-721, 741-770	AD 661-779	Construction layer A25526, A20
Ua-45339	Avalsnes 238	Betula	1760 +/- - 30	AD 236-264, 275-333	AD 144-150, 170-193, 211-384	Waste layer A35150
Ua-45340	Avalsnes 286	Alnus	1669 +/- - 30	AD 345-415	AD 258-298, 320-431	Cooking pit A44578
Ua-45343	Avalsnes 467	Betula	1628 +/- - 30	AD 389-437, 489-530	AD 350-368, 380-536	Posthole A49699
Ua-45344	Avalsnes 1916	Betula	617 +/- - 30	AD 1299- 1326, 1344- 1370, 1380-1394	AD 1293- 1401	Ditch A18206

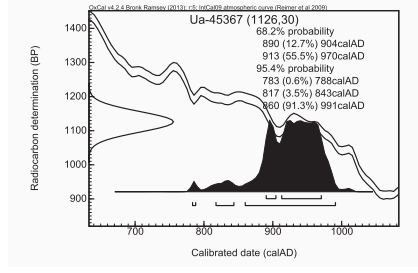
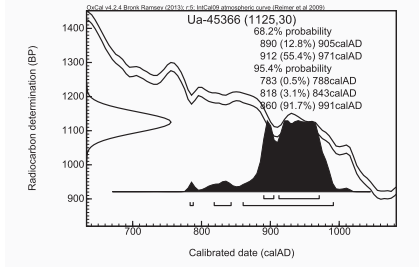
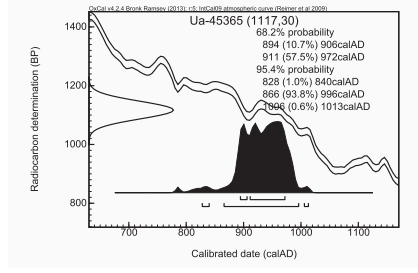
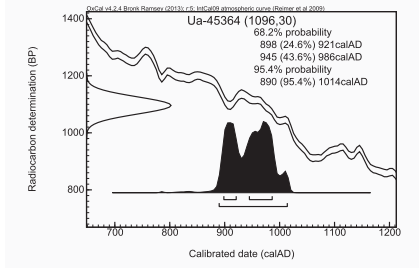
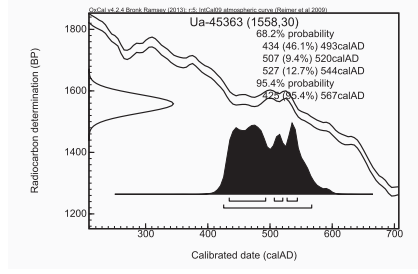
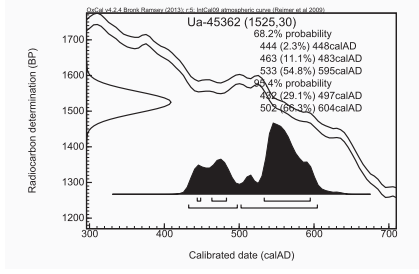
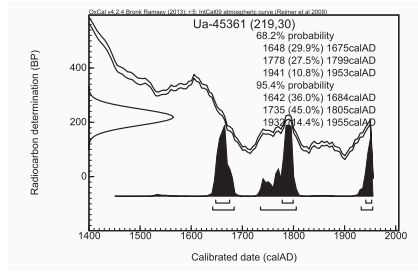
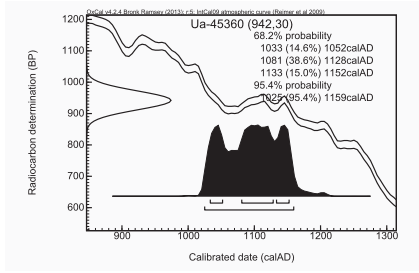
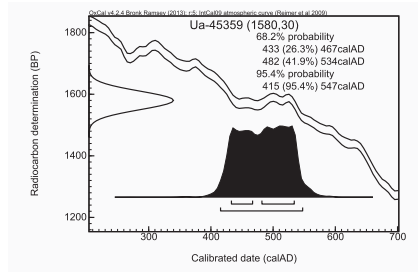
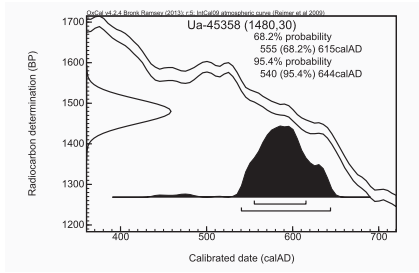




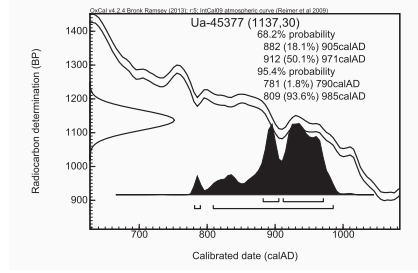
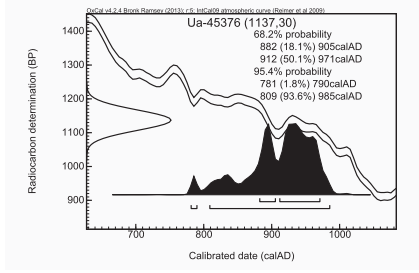
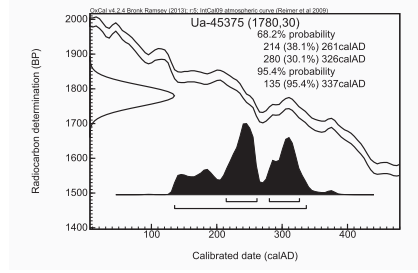
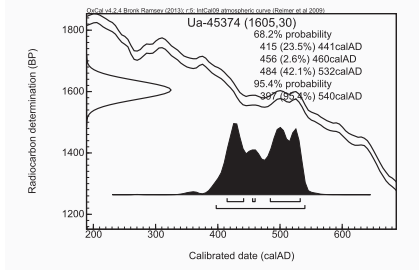
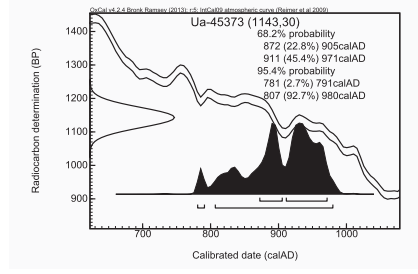
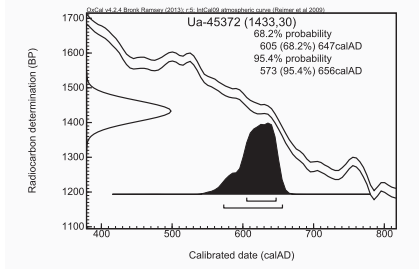
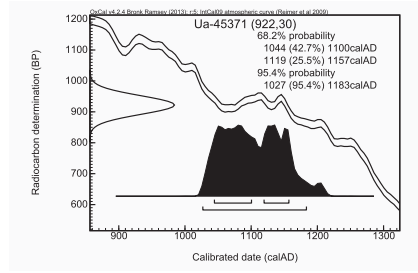
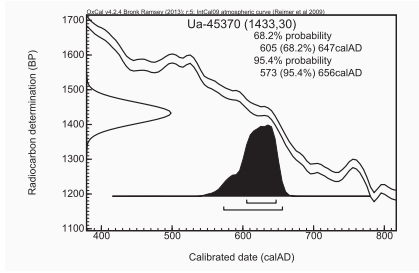
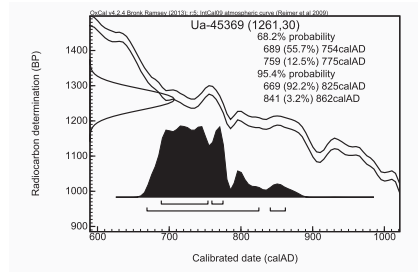
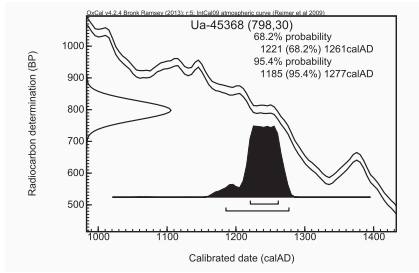
LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Ua-45345	Avalsnes 407	Betula	1325 +/- 30	AD 656-692, 749-764	AD 650-723, 740-771	Posthole A50691
Ua-45347	Avalsnes 471	Salix/ populus (round-wood)	1502 +/- 30	AD 543-600	AD 440-485, 532-637	Hearth A48640, A13
Ua-45348	Avalsnes 418	Betula	1016 +/- 30	AD 990-1029	AD 905-912, 971-1047, 1091-1122, 1139-1149	Posthole A48560
Ua-45349	Avalsnes 425	Salix/ populus	1492 +/- 30	AD 548-605	AD 465-483, 533-644	Posthole A46825
Ua-45351	Avalsnes 374	Prunus	1757 +/- 30	AD 238-264, 276-333	AD 173-192, 211-385	Cooking pit A52790
Ua-45352	Avalsnes 376	Salix/ populus	3447 +/- 35	BC 1871-1845, 1812-1803, 1776-1731, 1719-1692	BC 1883-1683	Posthole A47199
Ua-45354	Avalsnes 190	Hordeum vulgare	2111 +/- 30	BC 182-92, BC 67-64	BC 338-330, 204-47	Activity surface/cultivation deposit A25600
Ua-45355	Avalsnes 183	Avena	21 +/- 30	AD 1707-1719, 1826-1833, 1886-1912	AD 1696-1726, 1813-1837, 1844-1852, 1876-1919	Burned deposit A35555
Ua-45356	Avalsnes 246	Hordeum vulgare	2201 +/- 30	BC 358-337, 331-283, 257-245, 235-204	BC 376-193	Cooking pit A40222
Ua-45357	Avalsnes 254	Hordeum vulgare	1749 +/- 30	AD 243-265, 272-335	AD 220-389	Cultivation deposit A34995



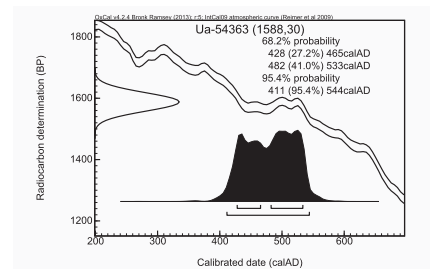
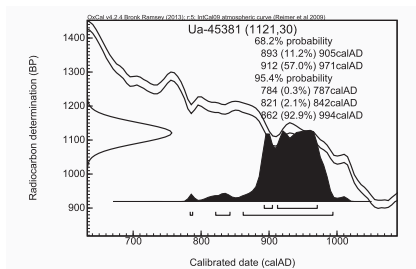
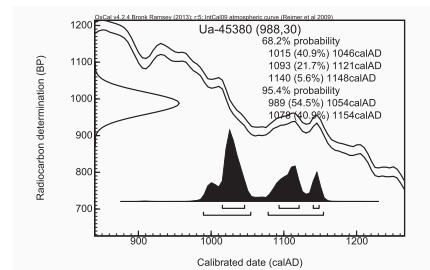
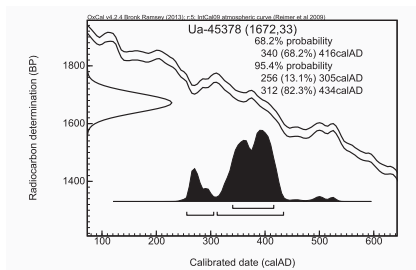
LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Ua-45358	Avalsnes 273	Hordeum vulgare	1480 +/- - 30	AD 555-615	AD 540-644	Cooking pit A44483
Ua-45359	Avalsnes 276	Hordeum vulgare	1580 +/- - 30	AD 433-467, 482-534	AD 415-547	Cooking pit A44432
Ua-45360	Avalsnes 289	Hordeum vulgare	942 +/- - 30	AD 1033- 1052, 1081- 1128, 1133-1152	AD 1025- 1159	Oven A44031
Ua-45361	Avalsnes 296	Corylus avellana nutshell	219 +/- - 30	AD 1648- 1657, 1778- 1799, 1941-1953	AD 1642- 1684, 1735- 1805, 1932-1955	Burned deposit A45350
Ua-45362	Avalsnes 348	Hordeum vulgare	1525 +/- - 30	AD 444-448, 463-483, 533-595	AD 432-497, 502-604	Posthole A48688, A13
Ua-45363	Avalsnes 332	Hordeum vulgare	1558 +/- - 30	AD 434-493, 507-520, 527-544	AD 425-567	Posthole A45557, A13
Ua-45364	Avalsnes 329	Hordeum vulgare	1096 +/- - 30	AD 898-921, 945-986	AD 890-1014	Posthole A12036
Ua-45365	Avalsnes 355	Hordeum vulgare	1117 +/- - 30	AD 894-906, 911-972	AD 828-840, 866-996, 1006-1013	Posthole A50604
Ua-45366	Avalsnes 333	Hordeum vulgare	1125 +/- - 30	AD 890-905, 912-971	AD 783-788, 818-843, 860-991	Posthole A12060
Ua-45367	Avalsnes 340	Hordeum vulgare	1126 +/- - 30	AD 890-904, 913-970	AD 783-788, 817-843, 860-991	Posthole A51007



LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Ua-45368	Avalsnes 343	Hordeum vulgare	798 +/- - 30	AD 1221- 1261	AD 1185- 1277	Layer A12780
Ua-45369	Avalsnes 439	Hordeum vulgare	1261 +/- - 30	AD 689-754, 759-775	AD 669-825, 841-862	Posthole A10161
Ua-45370	Avalsnes 410	Hordeum vulgare	1433 +/- - 30	AD 605-647	AD 573-656	Posthole A49884
Ua-45371	Avalsnes 414	Hordeum vulgare	922 +/- - 30	AD 1044- 1100, 1119-1157	AD 1027- 1183	Posthole A46764
Ua-45372	Avalsnes 432	Hordeum vulgare	1433 +/- - 30	AD 605-647	AD 573-656	Posthole A50677
Ua-45373	Avalsnes 419	Hordeum vulgare	1143 +/- - 30	AD 872-905, 911-971	AD 781-791, 807-980	Posthole A49724
Ua-45374	Avalsnes 391	Hordeum vulgare	1605 +/- - 30	AD 415-441, 456-460, 484-532	AD 397-540	Posthole A46847
Ua-45375	Avalsnes 413	Hordeum vulgare	1780 +/- - 30	AD 214-261, 280-326	AD 135-337	Posthole A50424
Ua-45376	Avalsnes 417	Hordeum vulgare	1137 +/- - 30	AD 882-905, 912-971	AD 781-790, 809-985	Ditch A12178
Ua-45377	Avalsnes 334	Hordeum vulgare	1137 +/- - 30	AD 882-905, 912-971	AD 781-790, 809-985	Cooking pit A10438



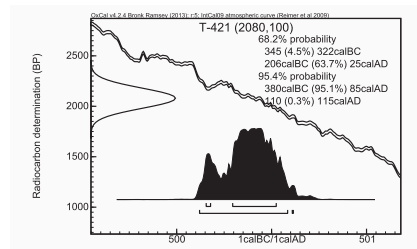
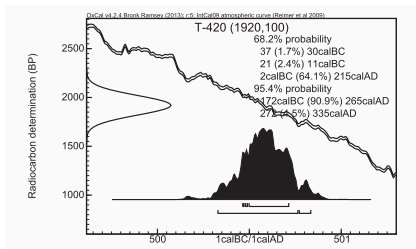
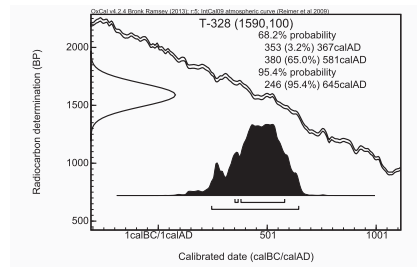
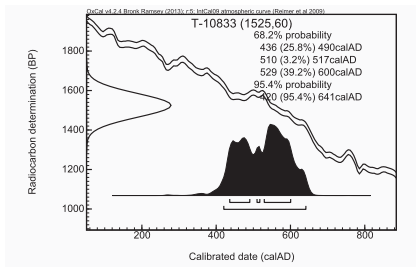
LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Ua-45378	Avalsnes 385	Avena	1672 +/- - 33	AD 340-416	AD 256-305, 312-434	Posthole A46437
Ua-45380	Avalsnes 450	Hordeum vulgare	988 +/- - 30	AD 1015- 1046, 1093- 1121, 1140-1148	AD 989-1054, 1078-1154	Posthole A52453
Ua-45381	Avalsnes 382	Hordeum vulgare	1121 +/- - 30	AD 893-905, 912-971	AD 784-787, 821-842, 862-994	Posthole A53576
Ua-54363	Avalsnes 332	Hordeum vulgare	1558 +/- - 30	AD 428-465, 482-533	AD 411-533	Posthole A45557, A13



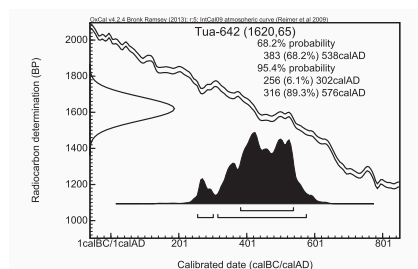
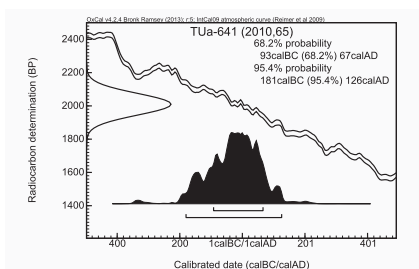
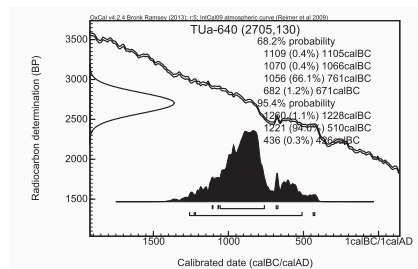
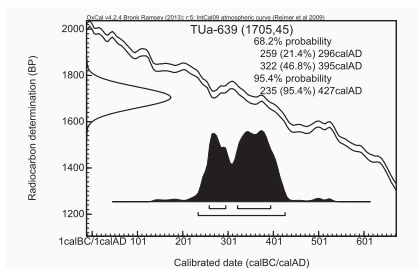
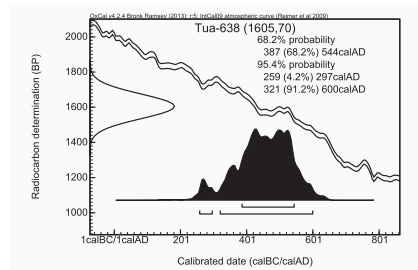
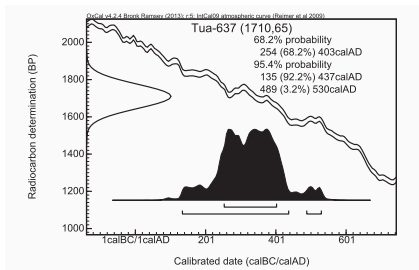
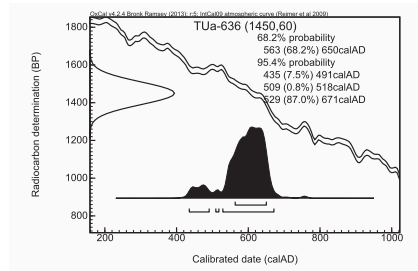
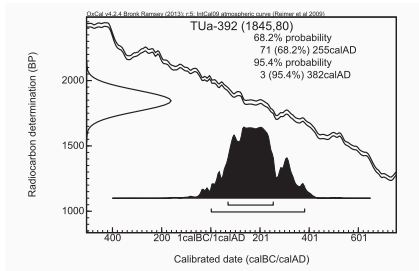
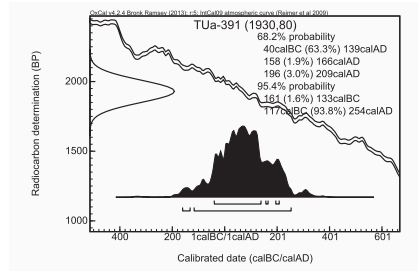
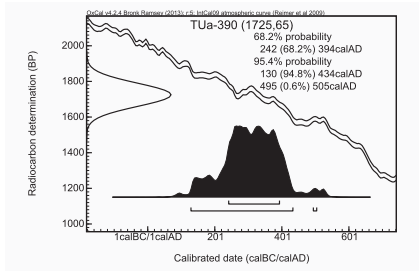


## Courtyard Sites

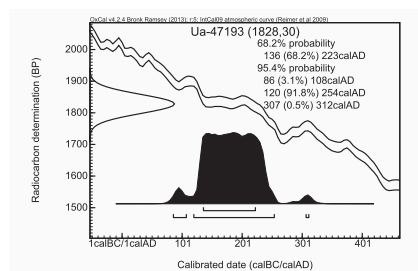
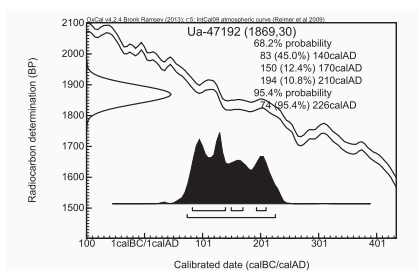
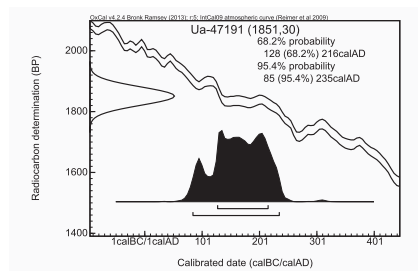
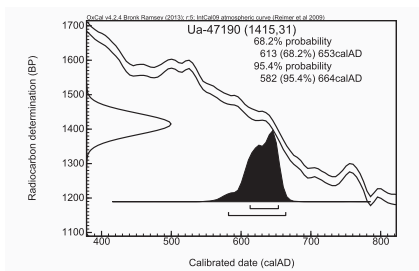
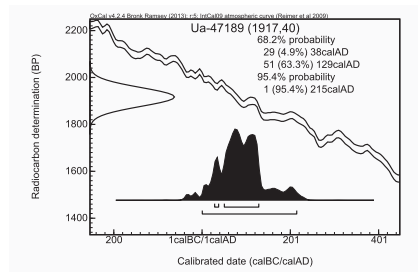
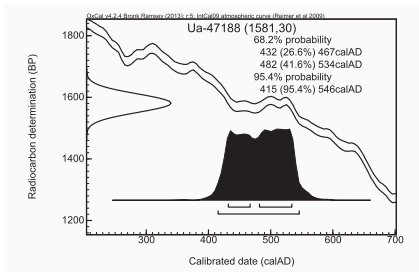
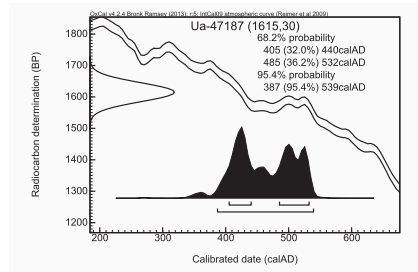
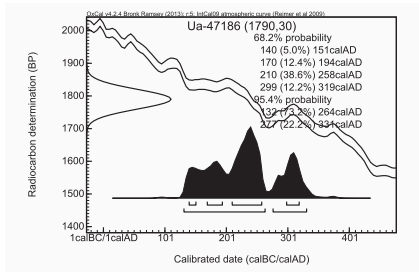
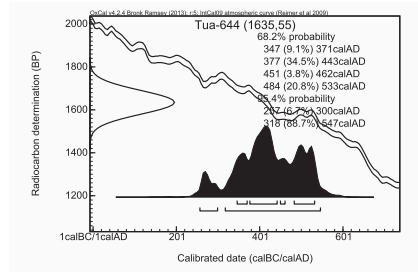
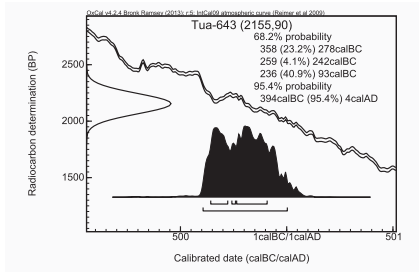
LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
T-328	Klau- haugane	Charcoal	1590 +/- 100	AD 353–367, 380–581	AD 246–645	Building 21, wall trench
T-420	Klau- haugane	Charcoal	1920 +/- 100	BC 37–30, 21–11, BC 2–AD 215	BC 172–AD 265, AD 272–335	Building 21, hearth
T-421	Klau- haugane	Charcoal	2080 +/- 100	BC 345–322, BC 206–AD 25	BC 380–AD 85, AD 110–115	Building 21, hearth
T-10833	Leksaren	Betula, salix	1525 +/- 60	AD 436–490, 510–517, 529–600	AD 420–641	Building 12, hearth 3



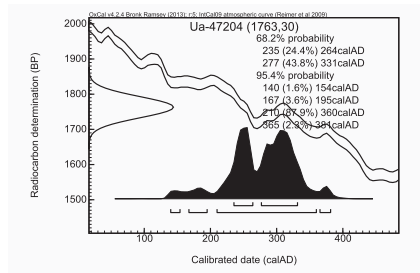
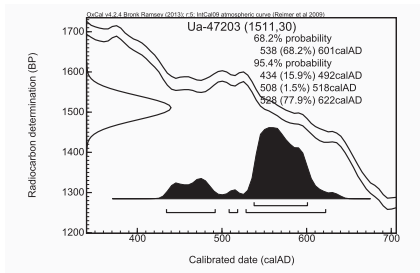
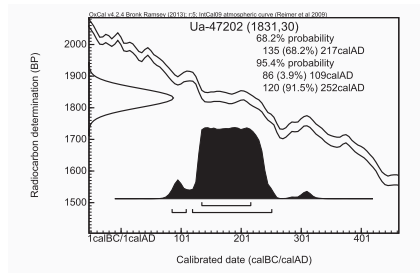
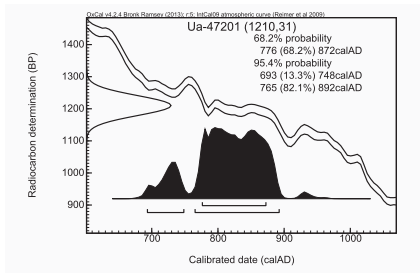
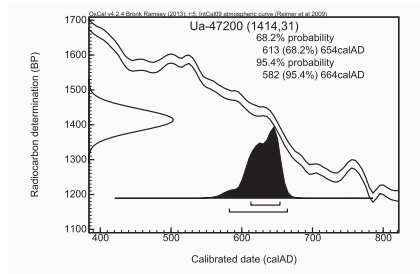
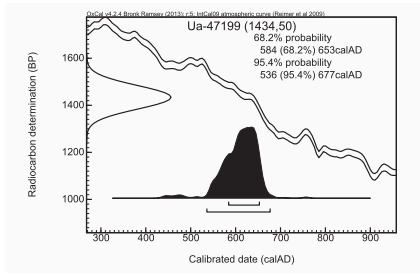
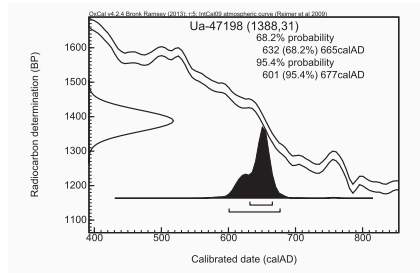
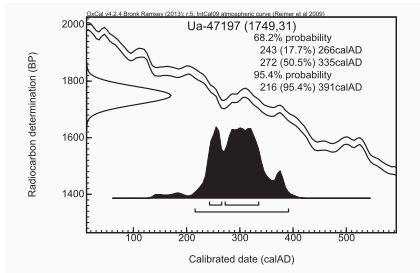
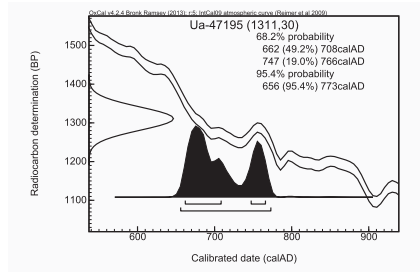
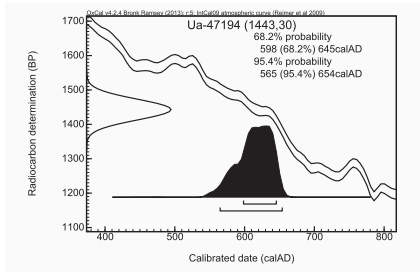
LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Tua-390	Leksaren	Betula	1725 +/- - 65	AD 242-394	AD 130-434, 495-505	Building 9, heart 11
Tua-391	Leksaren	Betula	1930 +/- - 80	BC 40- AD 139, 158-166, 196-209	BC 161-133, BC 117-AD 254	Building 9, layer
Tua-392	Leksaren	Food residue	1845 +/- - 80	AD 71-255	AD 3-382	Building 12
Tua-636	Leksaren	Betula	1450 +/- - 60	AD 563-650	AD 435-491, 509-518, 529-671	Building 2, hearth 6
Tua-637	Leksaren	Bark	1710 +/- - 65	AD 254-403	AD 135-437, 489-530	Building 15, culture layer
Tua-638	Leksaren	Betula	1605 +/- - 70	AD 387-544	AD 259-297, 321-600	Central mound
Tua-639	Leksaren	Food residue	1705 +/- - 45	AD 259-296, 322-395	AD 235-427	Building 2
Tua-640	Leksaren	Food residue	2705 +/- - 130	BC 1109- 1105, 1070- 1065, 1056-761, 682-671	BC 1260- 1228, 1221-510, 436-426	Building 2
Tua-641	Leksaren	Food residue	2010 +/- - 65	BC 93-AD 67	BC 181-AD 126	Buildng 9
Tua-642	Leksaren	Food residue	1620 +/- - 65	AD 383-538	AD 256-302, 316-576	Building 15



LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Tua-643	Leksaren	Food residue	2155 +/- - 90	BC 358-278, 259-242, 236-93	BC 394- AD 4	Building 15
Tua-644	Leksaren	Food residue	1635 +/- - 55	AD 347-371, 377-443, 451-462, 484-533	AD 257-300, 318-547	Central mound
Ua-47186	Øygarden	Betula	1790 +/- - 30	AD 140-151, 170-194, 210-258, 299-319	AD 132-264, 277-331	Building 2, hearth 8
Ua-47187	Øygarden	Bark, betula	1615 +/- - 30	AD 405-440, 485-532	AD 387-539	Building 3, cultural deposit 1
Ua-47188	Øygarden	Betula	1581 +/- - 30	AD 432-467, 482-534	AD 415-546	Building 4, cultural deposit 5
Ua-47189	Øygarden	Betula	1917 +/- - 40	AD 29-38, 51-129	AD 1-215	Building 5, cultural deposit 7
Ua-47190	Øygarden	Bark, betula	1451 +/- - 31	AD 613-653	AD 582-664	Building 6, cultural deposit 15
Ua-47191	Øygarden	Betula	1851 +/- - 30	AD 128-216	AD 85-235	Building 7, cultural deposit 3
Ua-47192	Øygarden	Bark	1869 +/- - 30	AD 83-140, 150-170, 194-210	AD 74-226	Building 8, cultural deposit 7
Ua-47193	Øygarden	Bark	1828 +/- - 30	AD 136-223	AD 86-108, 120-245, 307-312	Building 8, cultural deposit 12



LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Ua-47194	Øyarden	Betula	1443 +/- - 30	AD 598-645	AD 565-654	Building 10, hearth 20
Ua-47195	Klau- haugane	Corylus	1311 +/- - 30	AD 662-708, 747-766	AD 656-773	Building 1, cultural deposit 3
Ua-47197	Klau- haugane	Betula	1749 +/- - 31	AD 243-266, 272-335	AD 216-391	Building 3, hearth 125
Ua-47198	Klau- haugane	Betula	1388 +/- - 31	AD 632-665	AD 601-677	Building 4, Cultural layer 10
Ua-47199	Klau- haugane	Bark	1434 +/- - 50	AD 584-653	AD 536-677	Building 4, Cultural layer 76
Ua-47200	Klau- haugane	Betula	1414 +/- - 31	AD 613-654	AD 582-664	Building 4, hearth 132
Ua-47201	Klau- haugane	Betula	1210 +/- - 31	AD 776-872	AD 693-748, 765-892	Building 10, Cultural layer 238
Ua-47202	Klau- haugane	Betula	1831 +/- - 30	AD 135-217	AD 86-109, 120-252	Building 10, Cultural layer 238
Ua-47203	Klau- haugane	Betula	1511 +/- - 30	AD 538-601	AD 434-492, 508-518, 528-622	Building 13, cultural layer 33
Ua-47204	Klau- haugane	Betula	1763 +/- - 30	AD 235-264, 277-331	AD 140-154, 167-195, 210-360, 365-384	Building 16/17, cultu- ral layer 255



LAB NO.	SITE, SAMPLE NO.	MATERIAL	RADIOCARBON AGE BP	CALIBRATED 1 SIGMA	CALIBRATED 2 SIGMA	CONTEXT
Ua-47205	Klau- haugane	Corylus	1708 +/- - 30	AD 260-283, 324-388	AD 255-405	Building 16/17, post- hole 287
Ua-47206	Klau- haugane	Betula	1276 +/- - 30	AD 685-723, 740-770	AD 662-781, 791-808	Building 19, cultural layer 1
Ua-47207	Leksaren	Betula	1810 +/- - 30	AD 139-197, 208-241	AD 126-260, 295-323	Building 3, cultural layer 4
Ua-47208	Leksaren	Betula	1859 +/- - 30	AD 90-100, 124-214	AD 80-232	Building 3, cultural layer 182
Ua-47209	Leksaren	Betula	1934 +/- - 32	AD 27-41, 48-87, 105-121	BC 21-12, BC 1-AD 133	Building 4, cultural layer 67
Ua-47210	Leksaren	Betula	1775 +/- - 31	AD 217-263, 277-330	AD 136-341	Building 5, cultural layer 47
Ua-47211	Leksaren	Bark	1652 +/- - 32	AD 346- 372, AD 377-428	AD 261-281, 325-442, 451-462, 484-533	Building 6, charcoal...
Ua-47212	Leksaren	Betula	1608 +/- - 31	AD 412-441, 455-460, 484-532	AD 392-540	Building 7, hearth 25
Ua-47213	Leksaren	Betula	1762 +/- - 32	AD 234- 265, AD 274-334	AD 140-153, 168-195, 210-382	Building 8, cultural layer 23



