

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF077994.D
 Acq On : 26 Mar 2015 14:42
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-1PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Mar 27 11:24:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	32428	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	133643	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	64224	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	134146	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	148108	20.00	ng	-0.05
86) Perylene-d12	17.76	264	144062	20.00	ng	-0.14

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	217305	116.97	ng	0.00
7) Phenol-d6	6.67	99	267486	116.54	ng	-0.01
23) Nitrobenzene-d5	7.79	82	158918	77.95	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	65708	106.93	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	359984	82.37	ng	0.00
78) Terphenyl-d14	14.67	244	447629	73.83	ng	-0.01

Target Compounds						Qvalue
6) Aniline	6.68	93	2193	0.67	ng	# 1
8) 2-Chlorophenol	6.83	128	1638	0.74	ng	94
9) Benzaldehyde	6.54	77	841	0.89	ng	# 87
10) Phenol	6.69	94	1956	0.72	ng	91
11) bis(2-Chloroethyl)ether	6.78	93	1778	0.87	ng	86
12) 1,3-Dichlorobenzene	7.01	146	1451	0.59	ng	95
13) 1,4-Dichlorobenzene	7.12	146	1697	0.66	ng	94
14) 1,2-Dichlorobenzene	7.30	146	1454m	0.62	ng	
16) 2,2'-oxybis(1-Chloropropan	7.46	45	1865	0.68	ng	66
17) 2-Methylphenol	7.45	107	1032	0.57	ng	88
18) Hexachloroethane	7.71	117	366	0.44	ng	# 84
19) n-Nitroso-di-n-propylamine	7.62	70	869	0.55	ng	# 69
20) 3+4-Methylphenols	7.65	107	976m	0.41	ng	
22) Acetophenone	7.61	105	1730	0.58	ng	# 96
24) Nitrobenzene	7.81	77	1850	0.84	ng	# 86
25) Isophorone	8.11	82	2470	0.60	ng	# 93
27) 2,4-Dimethylphenol	8.29	122	964	0.49	ng	90
28) bis(2-Chloroethoxy)methane	8.40	93	1517	0.61	ng	# 92
29) 2,4-Dichlorophenol	8.52	162	665	0.36	ng	# 71
30) 1,2,4-Trichlorobenzene	8.60	180	1552	0.74	ng	91
31) Naphthalene	8.69	128	4936	0.72	ng	96
33) 4-Chloroaniline	8.78	127	1322	0.47	ng	# 73
34) Hexachlorobutadiene	8.85	225	686	0.58	ng	95
36) 4-Chloro-3-methylphenol	9.40	107	811	0.43	ng	# 68
37) 2-Methylnaphthalene	9.56	142	2898	0.63	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	1361	0.71	ng	# 100
42) 2,4,6-Trichlorophenol	9.92	196	400	0.30	ng	# 62
43) 2,4,5-Trichlorophenol	9.97	196	370	0.26	ng	# 57
45) 1,1'-Biphenyl	10.13	154	3542	0.69	ng	94
46) 2-Chloronaphthalene	10.16	162	3070	0.74	ng	98
48) Acenaphthylene	10.66	152	4069	0.59	ng	99
49) Dimethylphthalate	10.52	163	3105	0.65	ng	# 90
50) 2,6-Dinitrotoluene	10.60	165	342	0.35	ng	# 58
51) Acenaphthene	10.88	154	2916	0.73	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) Dibenzofuran	11.09	168	4510	0.76	ng	95
57) Fluorene	11.52	166	3279	0.67	ng	98
59) Diethylphthalate	11.40	149	3169	0.68	ng	94
60) 4-Chlorophenyl-phenylether	11.53	204	1573	0.70	ng #	87
62) Azobenzene	11.72	77	2768	0.62	ng	93
65) n-Nitrosodiphenylamine	11.68	169	2729	0.61	ng	92
66) 4-Bromophenyl-phenylether	12.13	248	644	0.45	ng #	71
67) Hexachlorobenzene	12.19	284	1123	0.71	ng	99
68) Atrazine	12.35	200	568	0.45	ng #	79
70) Phenanthrene	12.71	178	5460	0.71	ng #	95
71) Anthracene	12.76	178	5145	0.68	ng	95
72) Carbazole	12.98	167	4614	0.64	ng	99
73) Di-n-butylphthalate	13.44	149	4509	0.56	ng #	93
74) Fluoranthene	14.18	202	5680	0.67	ng	98
76) Benzidine	14.36	184	13333	3.19	ng	96
77) Pyrene	14.45	202	5959	0.64	ng	98
79) Butylbenzylphthalate	15.29	149	1694	0.46	ng #	67
80) Benzo(a)anthracene	15.95	228	5954	0.68	ng	96
81) 3,3'-Dichlorobenzidine	15.94	252	1197	0.41	ng #	89
82) Chrysene	16.00	228	6377	0.81	ng	95
83) Bis(2-ethylhexyl)phthalate	16.03	149	2455	0.44	ng #	96
84) Di-n-octyl phthalate	16.84	149	3737	0.39	ng #	87
85) Indeno(1,2,3-cd)pyrene	19.13	276	6129	0.62	ng #	100
87) Benzo(b)fluoranthene	17.30	252	5472	0.58	ng #	96
88) Benzo(k)fluoranthene	17.32	252	5238m	0.71	ng	
89) Benzo(a)pyrene	17.69	252	4933	0.63	ng #	93
90) Dibenzo(a,h)anthracene	19.16	278	4347	0.56	ng #	88
91) Benzo(g,h,i)perylene	19.53	276	5037	0.64	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

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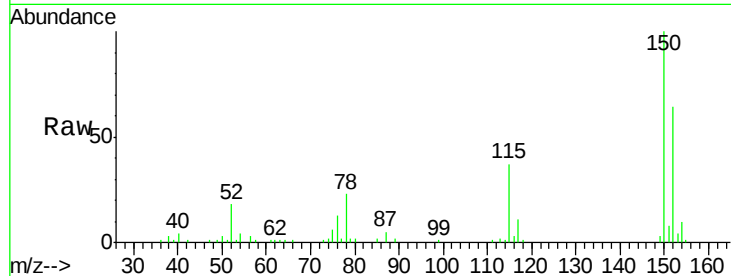
Tgt Ion:152 Resp: 32428

Ion Ratio Lower Upper

152 100

150 156.8 119.5 179.3

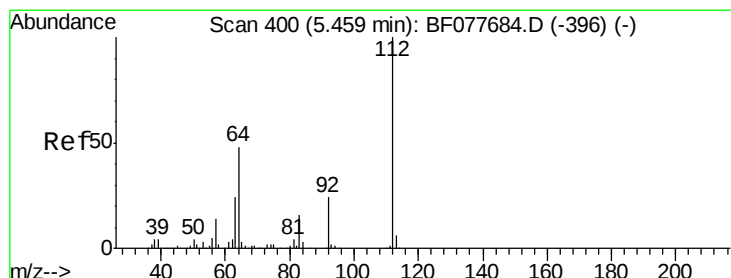
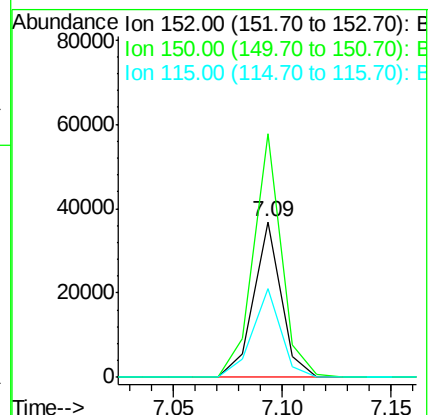
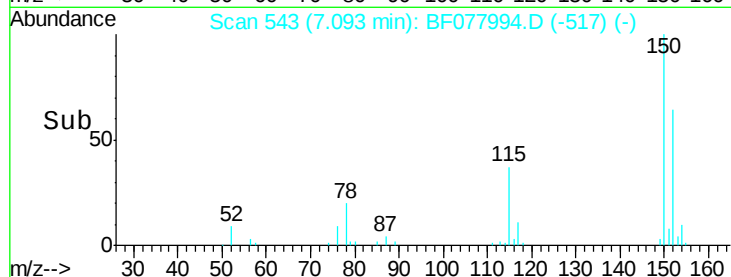
115 57.6 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 116.97 ng

RT: 5.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

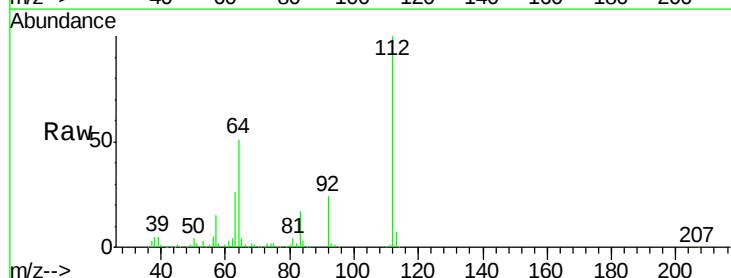
Tgt Ion:112 Resp: 217305

Ion Ratio Lower Upper

112 100

64 50.9 38.6 57.8

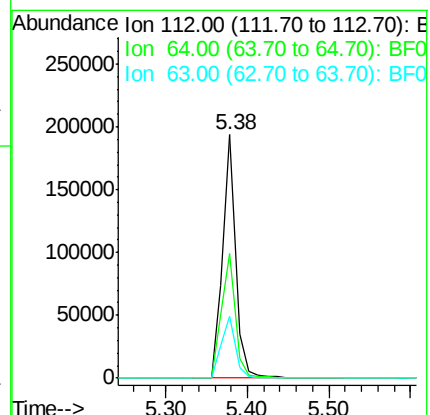
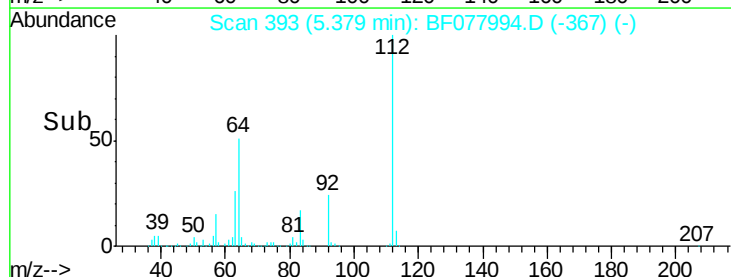
63 25.6 19.3 28.9

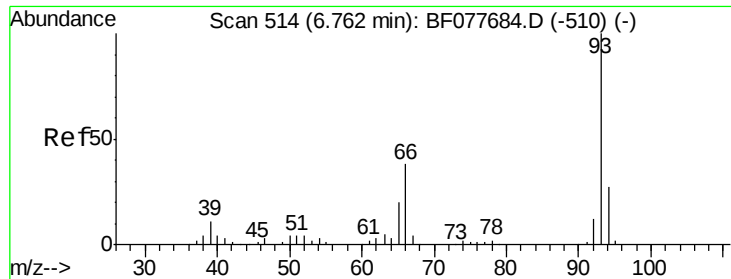


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.67 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF077994.D

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LOD-SOIL2015-01

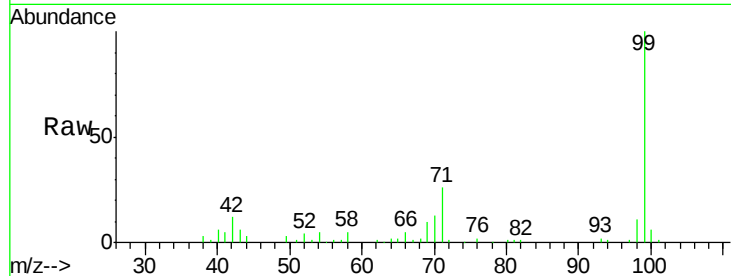
Tgt Ion: 93 Resp: 2193

Ion Ratio Lower Upper

93 100

66 206.1 30.8 46.2#

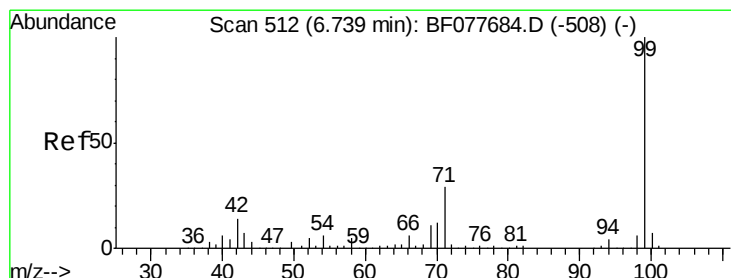
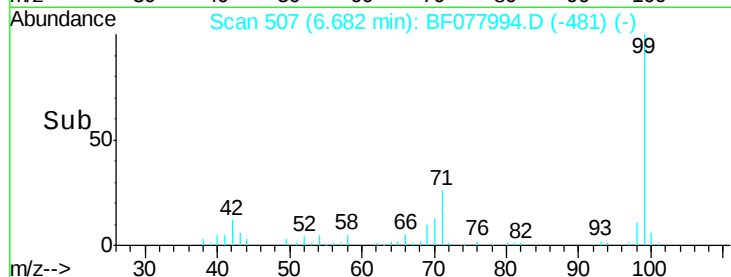
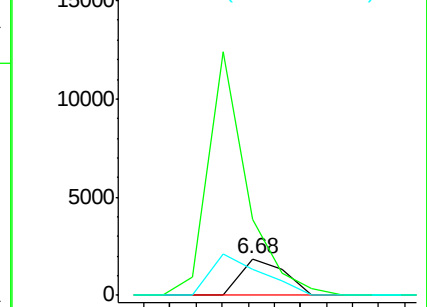
65 70.2 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 116.54 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

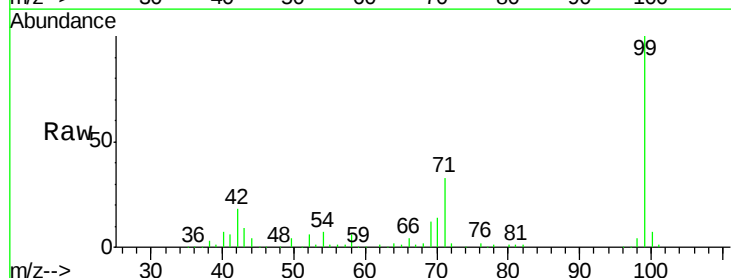
Tgt Ion: 99 Resp: 267486

Ion Ratio Lower Upper

99 100

42 17.9 11.0 16.4#

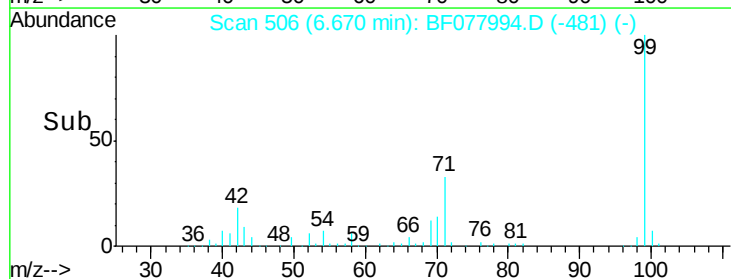
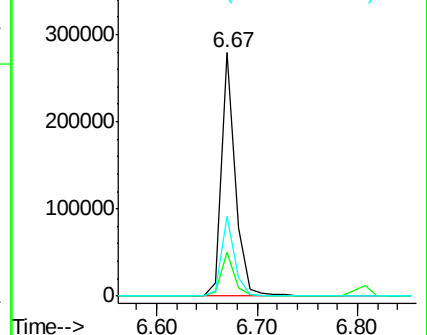
71 32.8 23.4 35.2

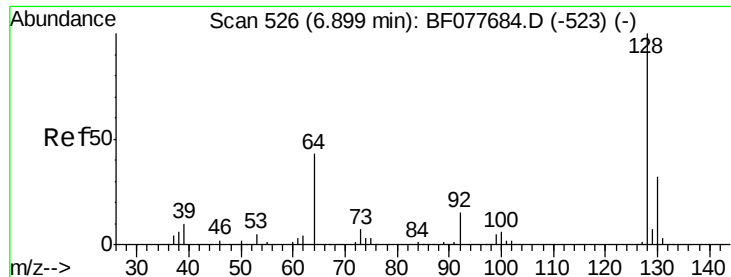


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

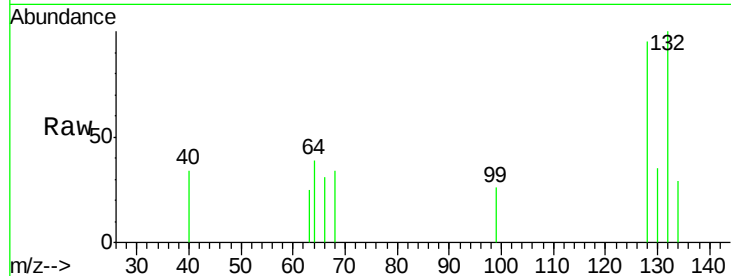




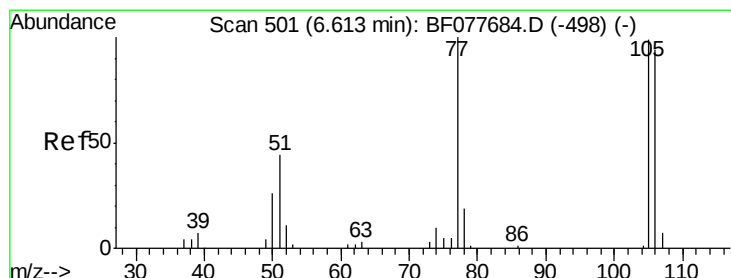
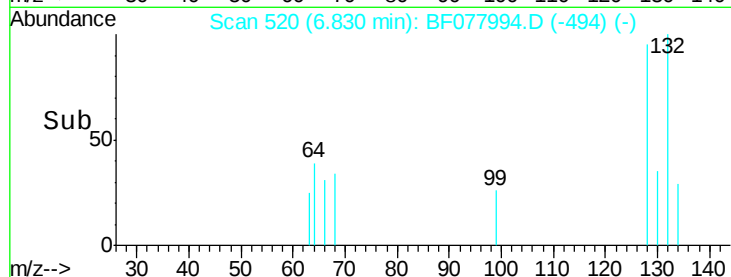
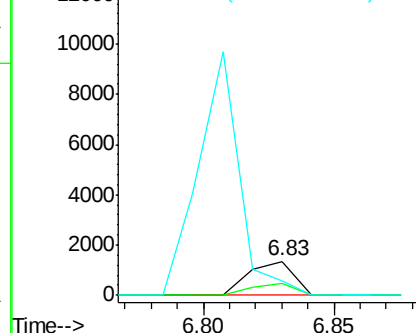
#8
 2-Chlorophenol
 Concen: 0.74 ng
 RT: 6.83 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

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Tgt Ion: 128 Resp: 1638
 Ion Ratio Lower Upper
 128 100
 130 36.2 12.0 52.0
 64 41.3 24.9 64.9

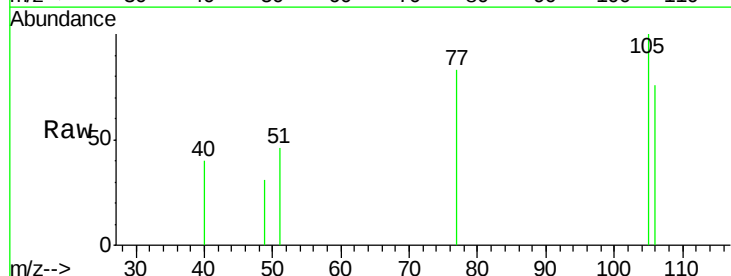


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 64.00 (63.70 to 64.70): BF0

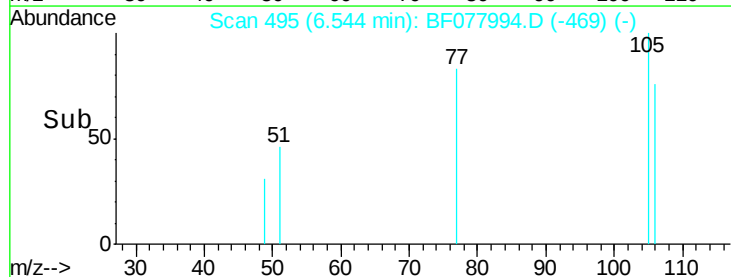
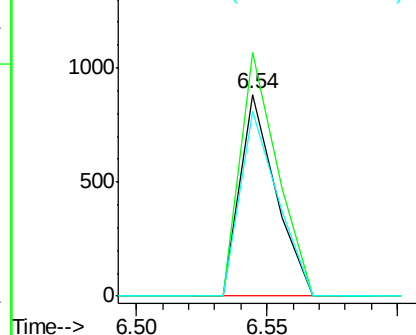


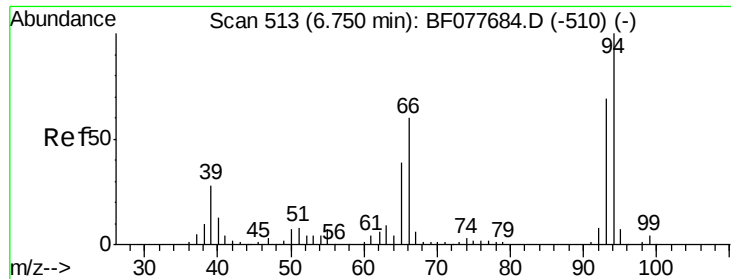
#9
 Benzaldehyde
 Concen: 0.89 ng
 RT: 6.54 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Tgt Ion: 77 Resp: 841
 Ion Ratio Lower Upper
 77 100
 105 120.6 78.8 118.8#
 106 91.2 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 105.00 (104.70 to 105.70): E
 Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.72 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

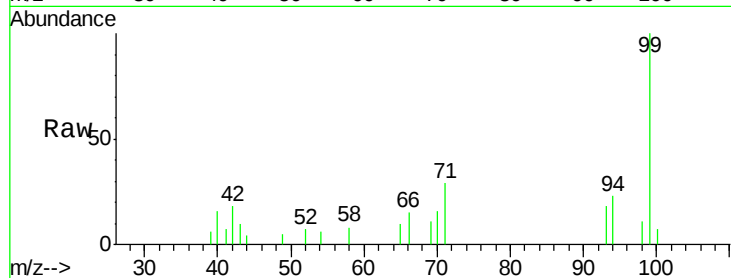
Tgt Ion: 94 Resp: 1956

Ion Ratio Lower Upper

94 100

65 43.2 18.8 58.8

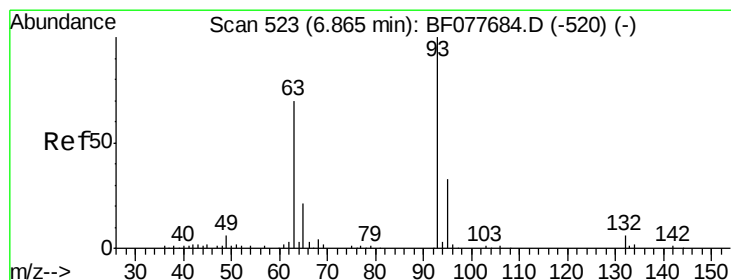
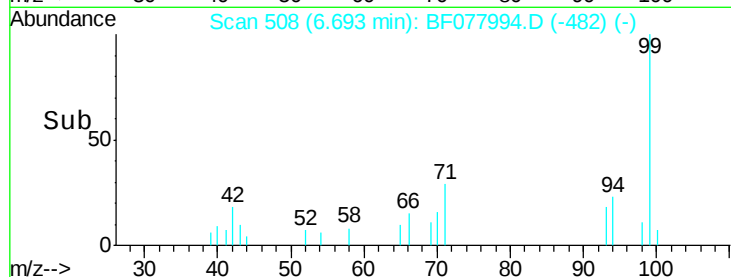
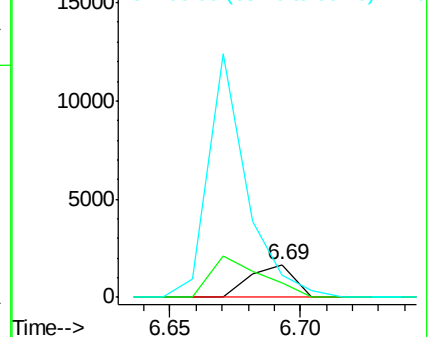
66 67.0 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.87 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

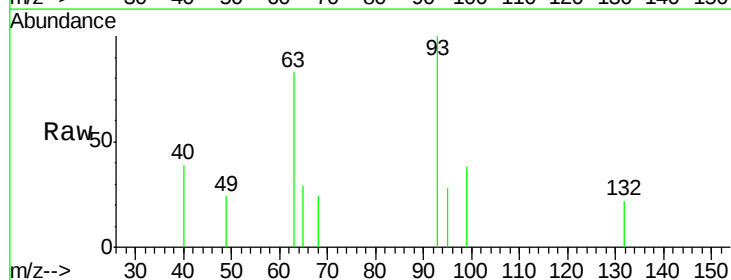
Tgt Ion: 93 Resp: 1778

Ion Ratio Lower Upper

93 100

63 83.0 49.5 89.5

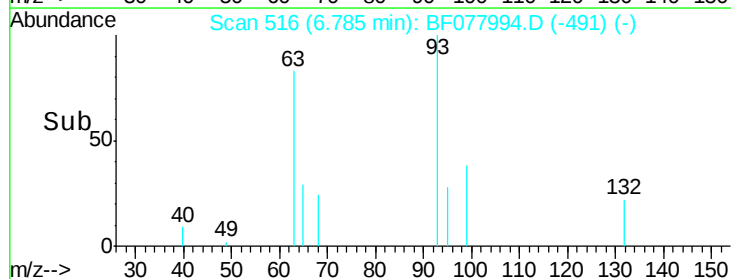
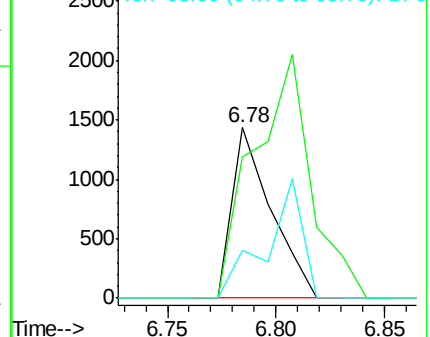
95 28.2 13.5 53.5

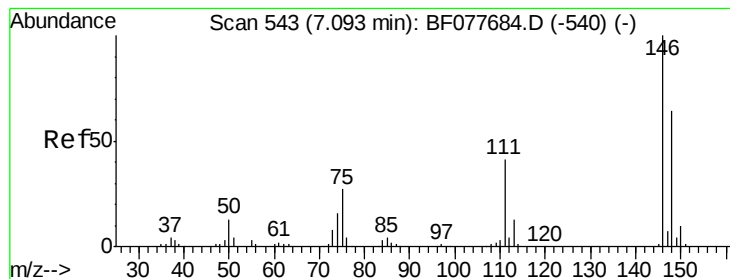


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 0.59 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

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Acq: 26 Mar 2015 14:42

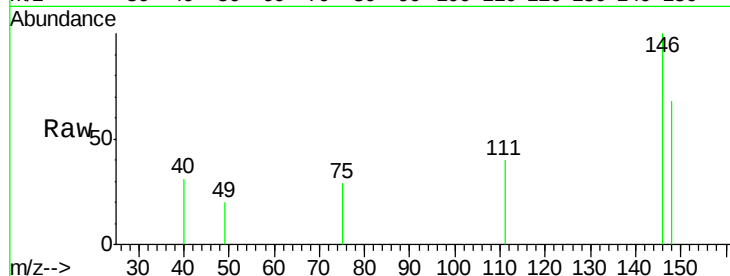
Instrument :

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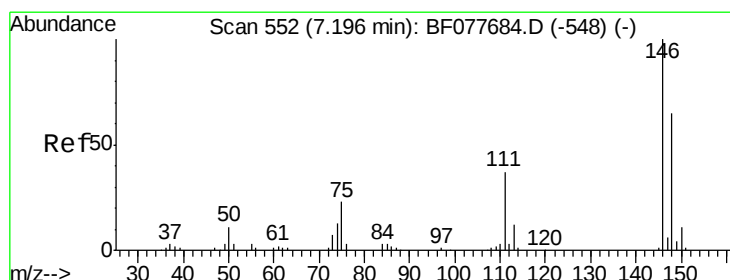
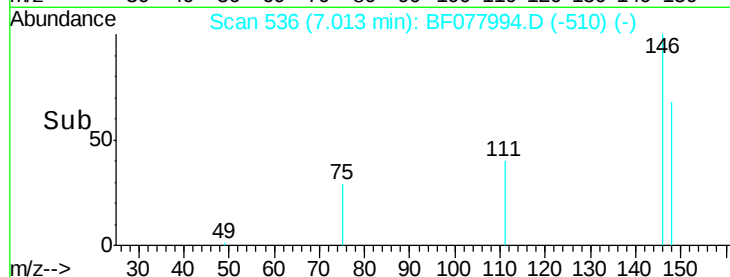
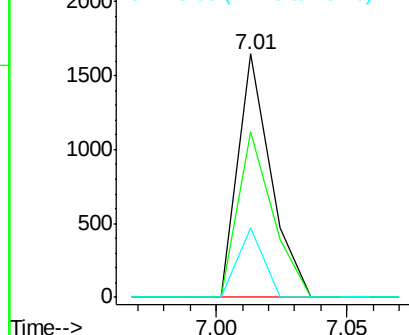
ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	146	Resp:	1451
Ion	Ratio	Lower	Upper
146	100		
148	67.8	50.9	76.3
75	28.6	21.4	32.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.66 ng

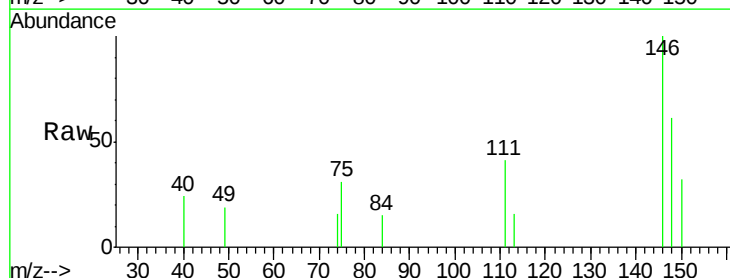
RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

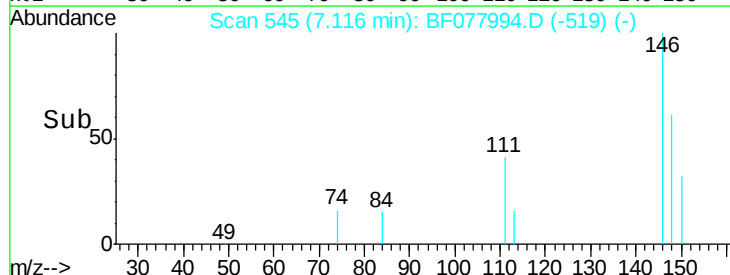
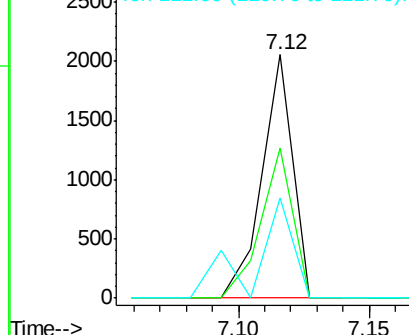
Lab File: BF077994.D

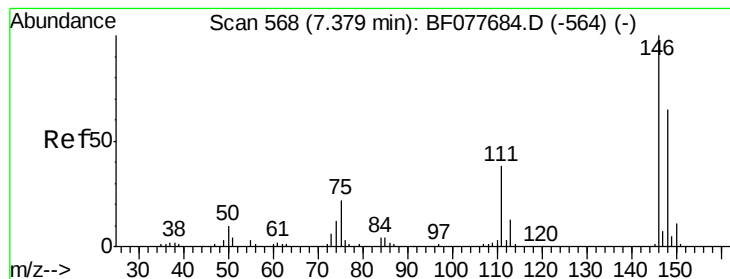
Acq: 26 Mar 2015 14:42

Tgt Ion:	146	Resp:	1697
Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.9	77.9
111	41.3	29.2	43.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.62 ng m

RT: 7.30 min Scan# 561

Delta R.T. -0.00 min

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Acq: 26 Mar 2015 14:42

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LOD-SOIL2015-01

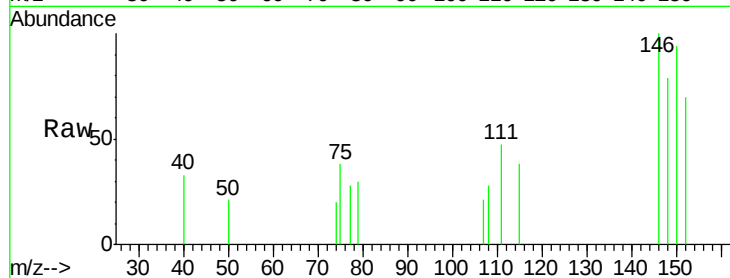
Tgt Ion:146 Resp: 1454

Ion Ratio Lower Upper

146 100

148 79.0 52.3 78.5#

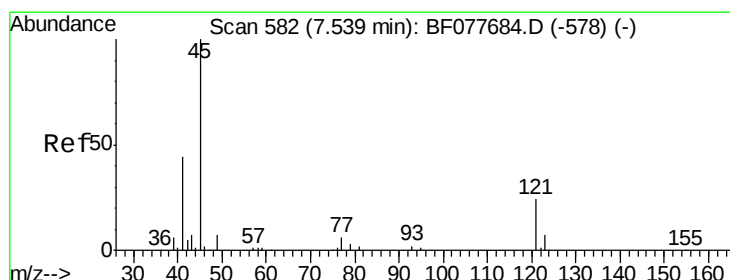
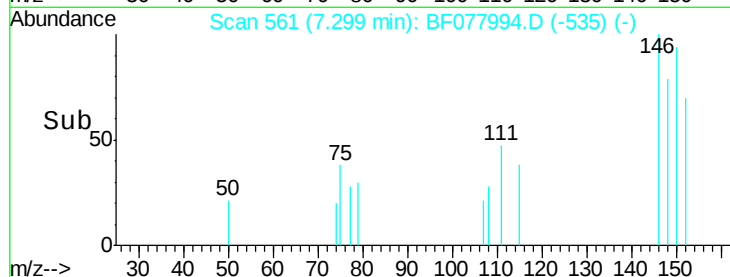
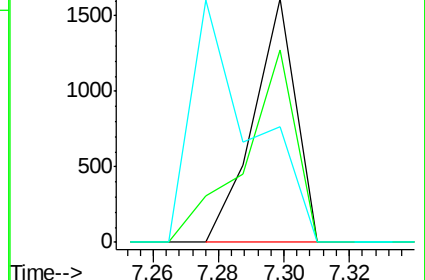
111 47.4 30.6 45.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.68 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

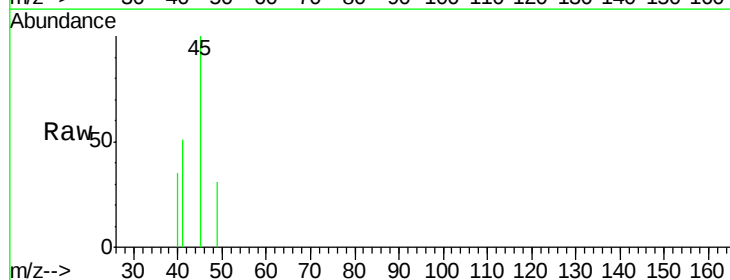
Tgt Ion: 45 Resp: 1865

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

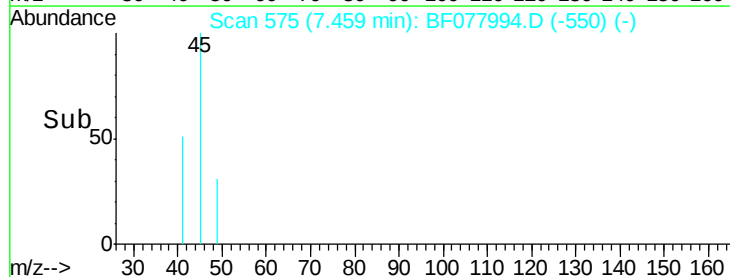
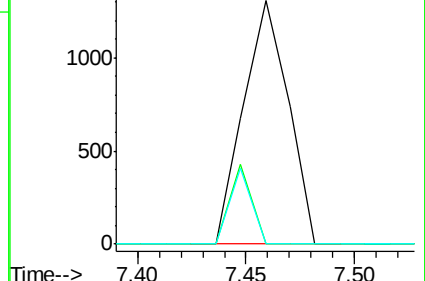
79 0.0 0.0 32.0

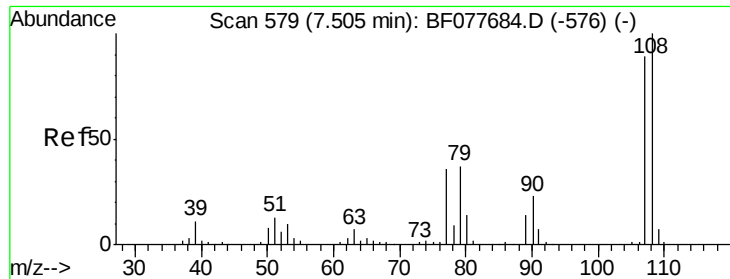


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

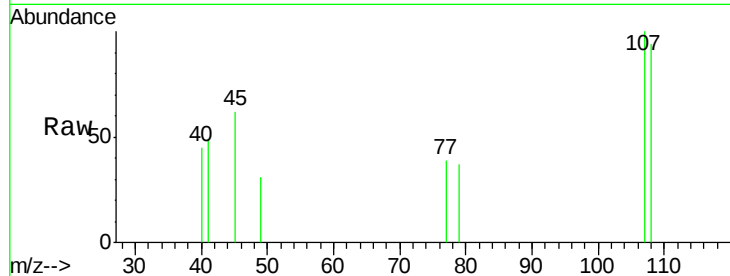




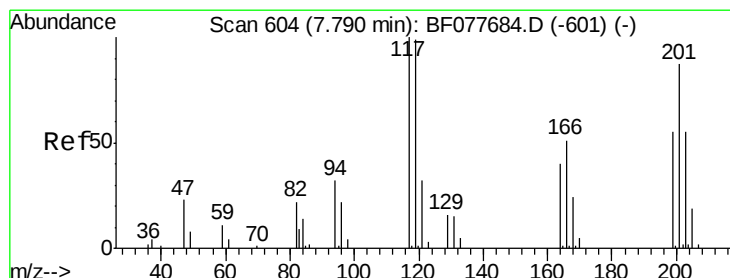
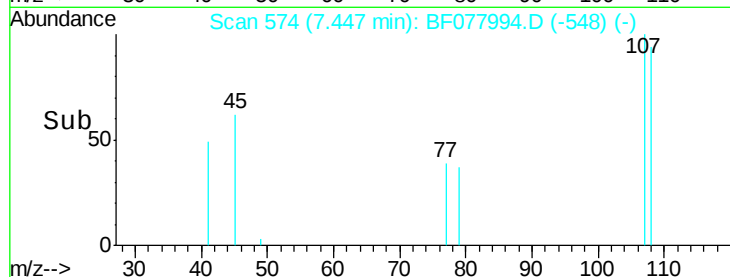
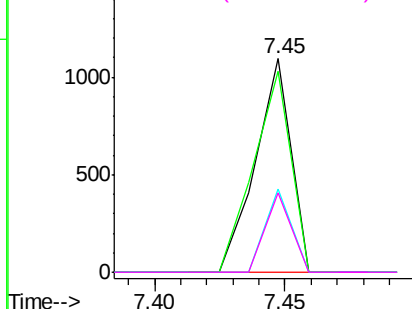
#17
2-Methylphenol
Concen: 0.57 ng
RT: 7.45 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:107 Resp: 1032
Ion Ratio Lower Upper
107 100
108 94.1 89.8 134.8
77 38.9 32.6 48.8
79 37.1 32.8 49.2

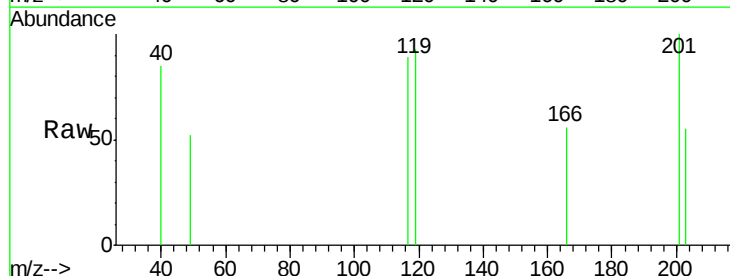


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

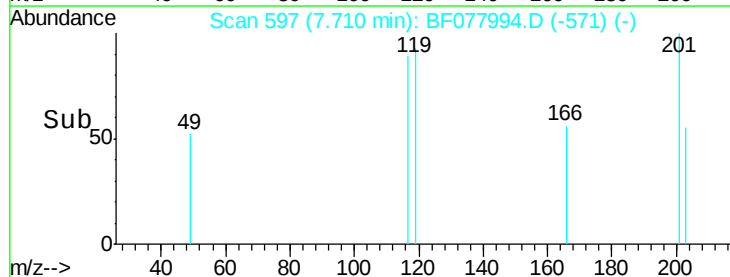
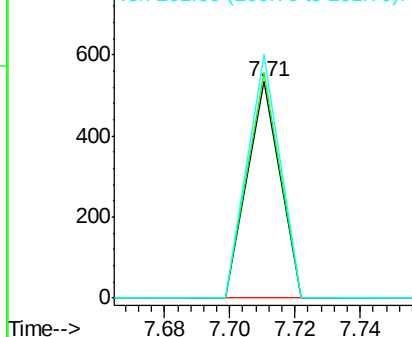


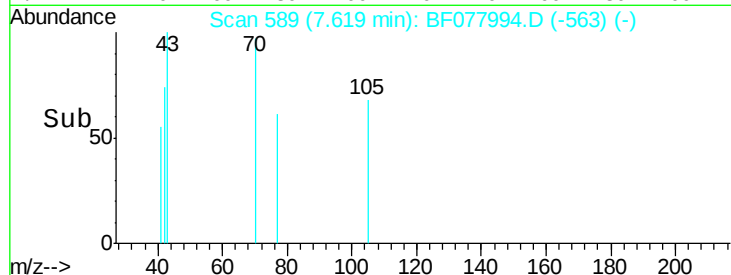
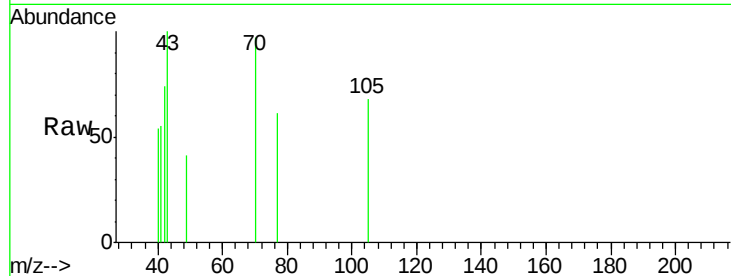
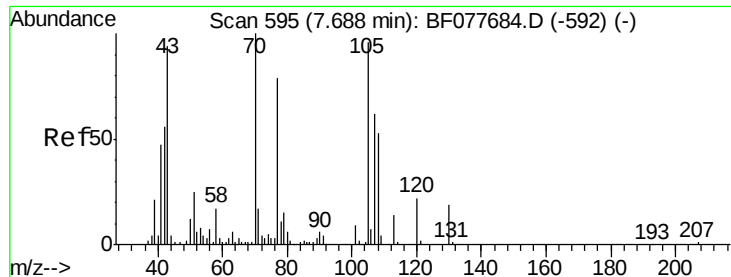
#18
Hexachloroethane
Concen: 0.44 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion:117 Resp: 366
Ion Ratio Lower Upper
117 100
119 104.5 79.2 118.8
201 112.5 69.8 104.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

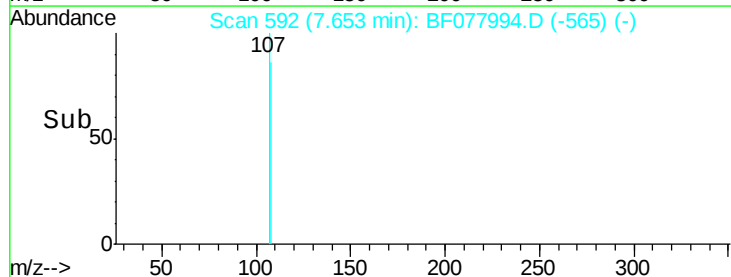
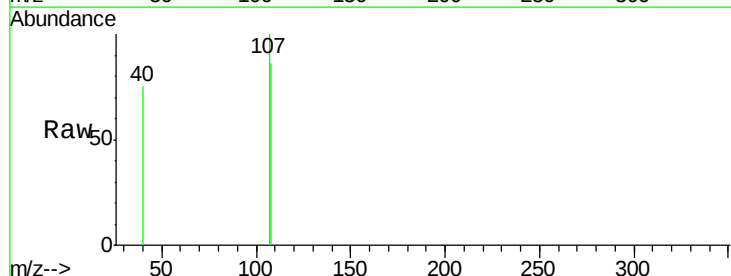
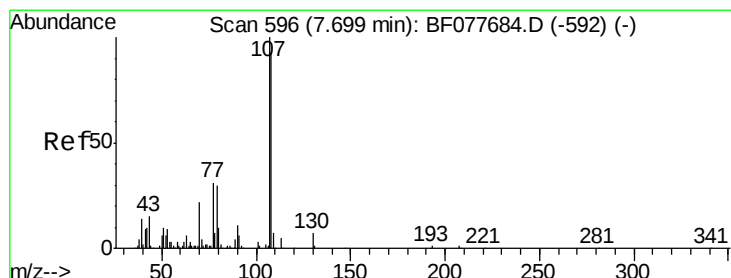
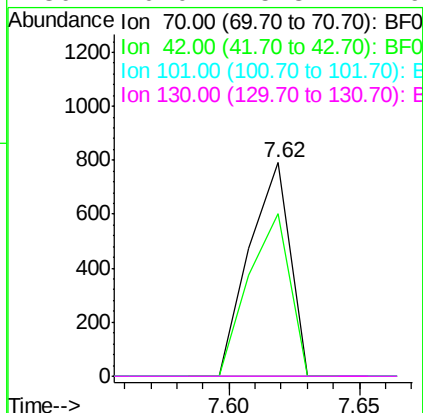




#19
n-Nitroso-di-n-propylamine
Concen: 0.55 ng
RT: 7.62 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

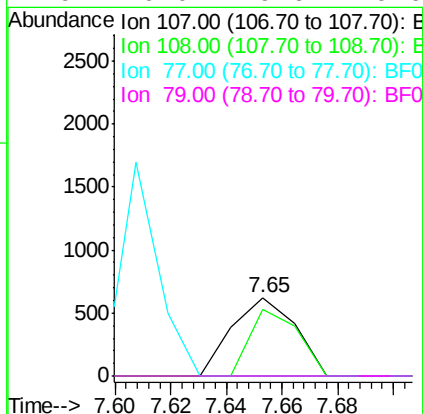
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

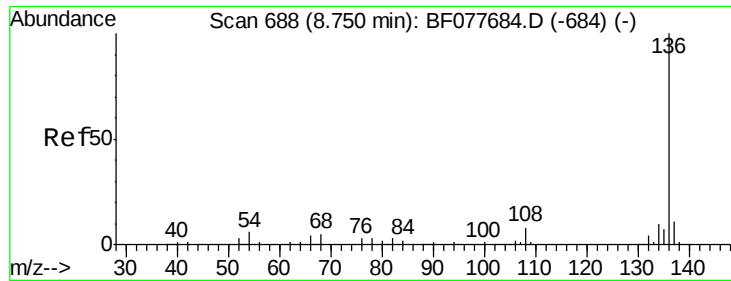
Tgt Ion: 70 Resp: 869
Ion Ratio Lower Upper
70 100
42 75.9 44.5 66.7#
101 0.0 7.4 11.2#
130 0.0 15.3 22.9#



#20
3+4-Methylphenols
Concen: 0.41 ng m
RT: 7.65 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion: 107 Resp: 976
Ion Ratio Lower Upper
107 100
108 85.7 73.2 113.2
77 0.0 10.7 50.7#
79 0.0 9.6 49.6#

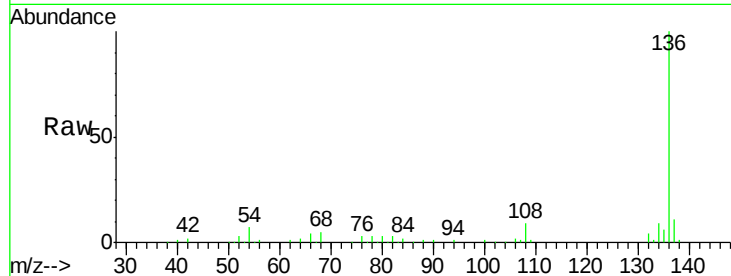




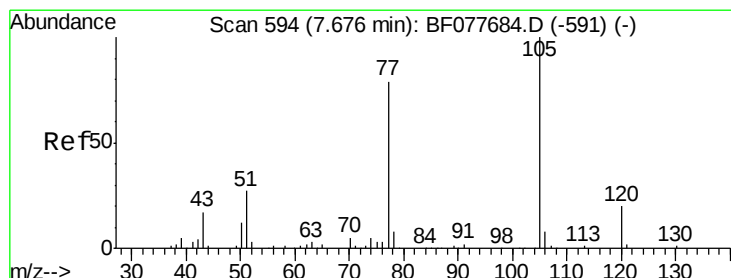
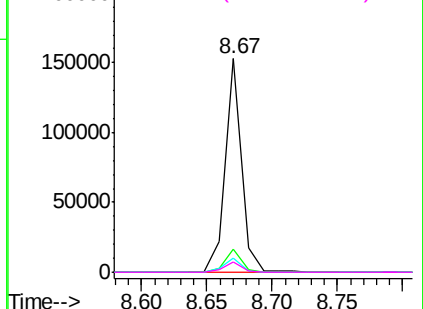
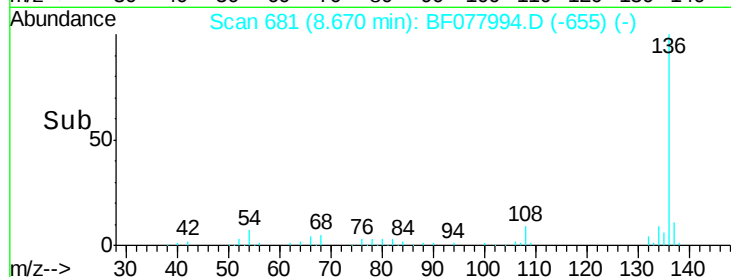
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	136	Resp:	133643
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.5	4.6	6.8
68	5.1	3.7	5.5

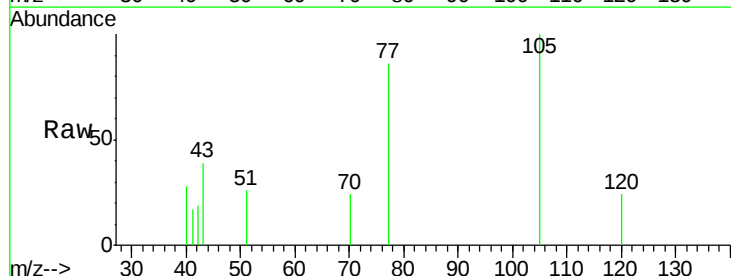


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

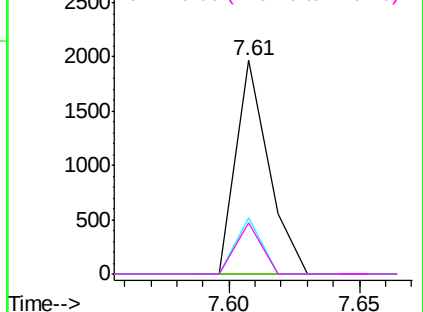
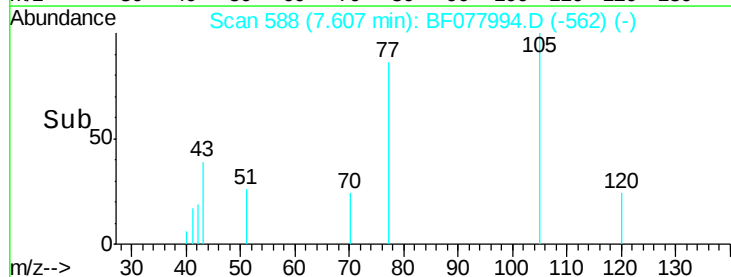


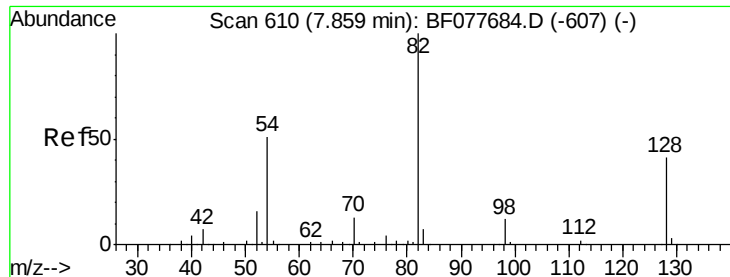
#22
Acetophenone
Concen: 0.58 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion:	105	Resp:	1730
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	26.4	21.6	32.4
120	23.9	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

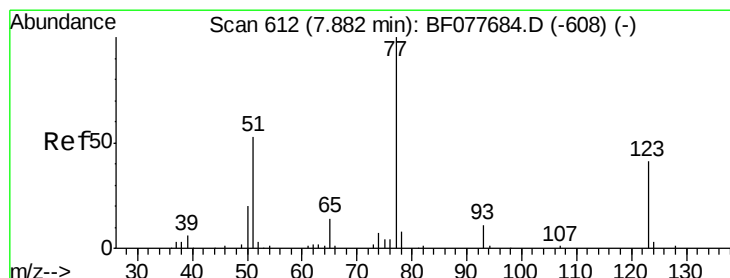
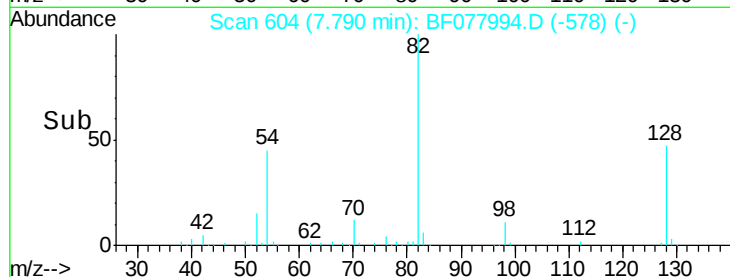
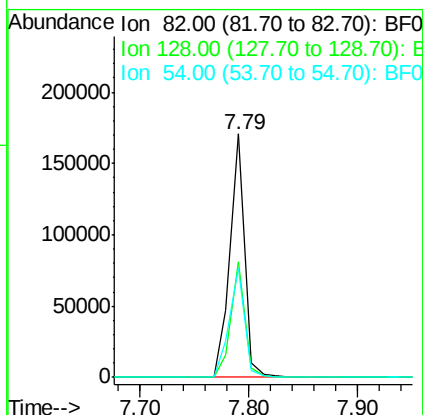
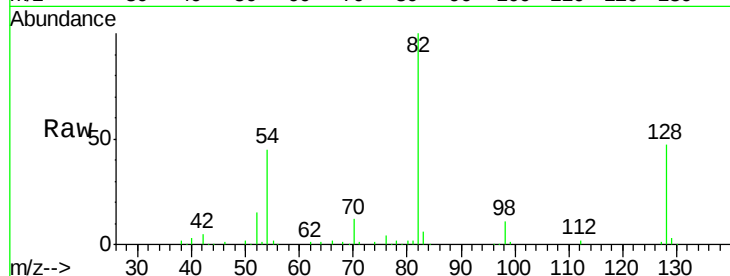




#23
 Nitrobenzene-d5
 Concen: 77.95 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

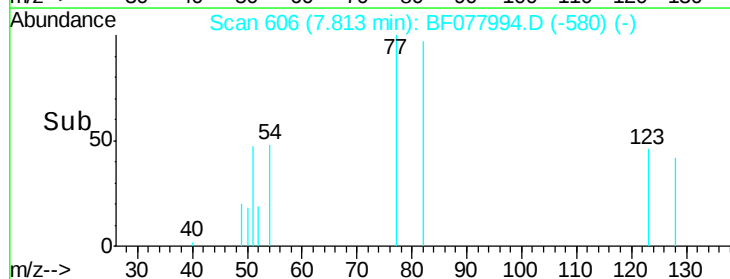
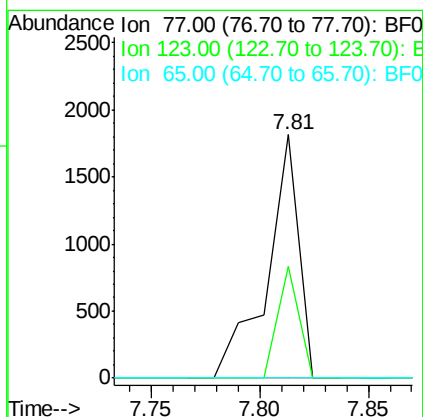
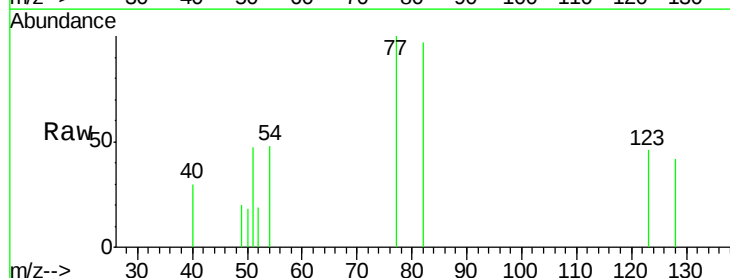
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

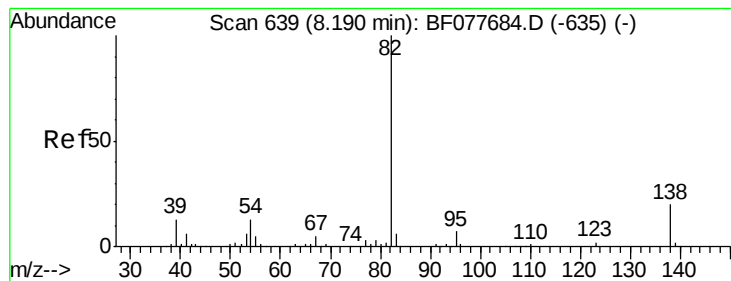
Tgt Ion: 82 Resp: 158918
 Ion Ratio Lower Upper
 82 100
 128 47.3 32.8 49.2
 54 44.9 40.6 60.8



#24
 Nitrobenzene
 Concen: 0.84 ng
 RT: 7.81 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Tgt Ion: 77 Resp: 1850
 Ion Ratio Lower Upper
 77 100
 123 45.8 32.6 49.0
 65 0.0 10.9 16.3#





#25

Isophorone

Concen: 0.60 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

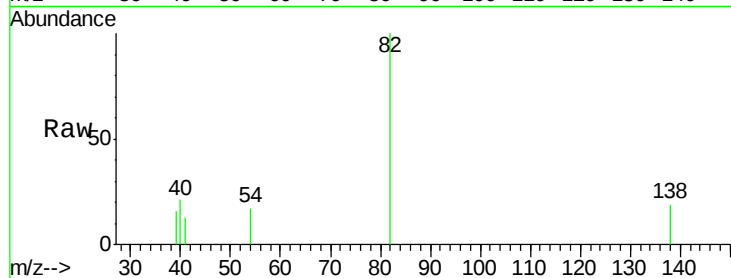
Tgt Ion: 82 Resp: 2470

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

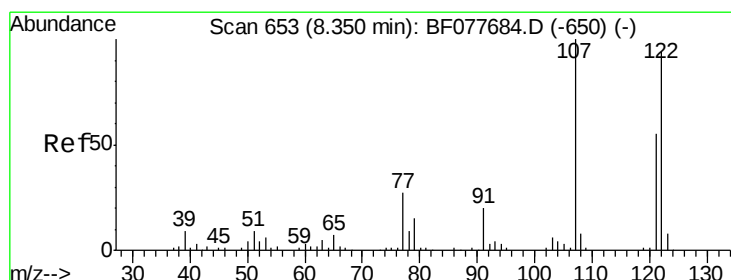
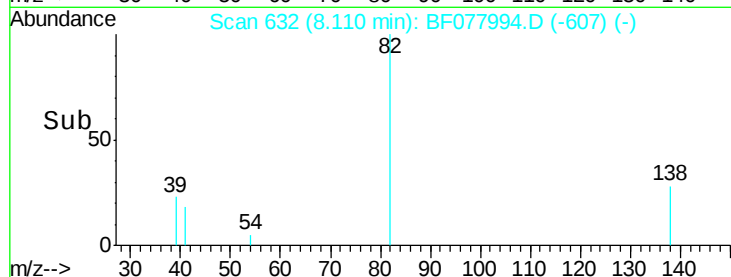
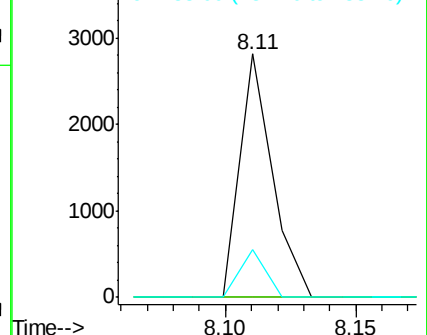
138 19.4 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#27

2,4-Dimethylphenol

Concen: 0.49 ng

RT: 8.29 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

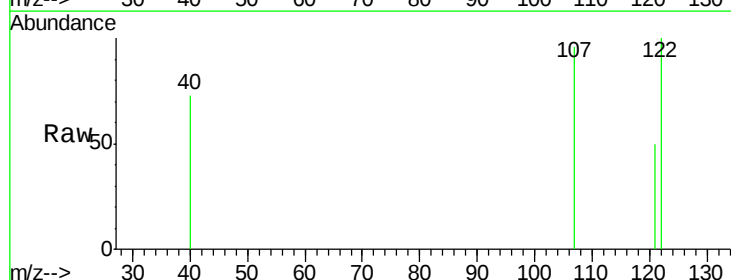
Tgt Ion: 122 Resp: 964

Ion Ratio Lower Upper

122 100

107 96.2 84.7 127.1

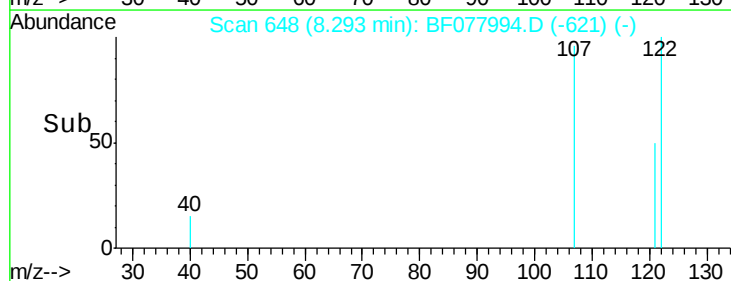
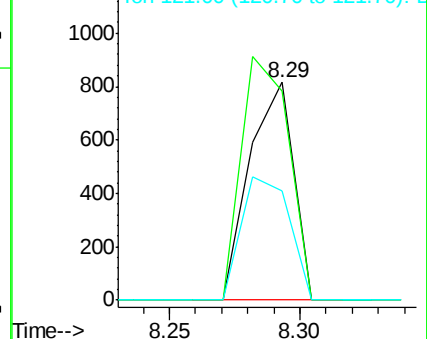
121 50.4 46.6 69.8

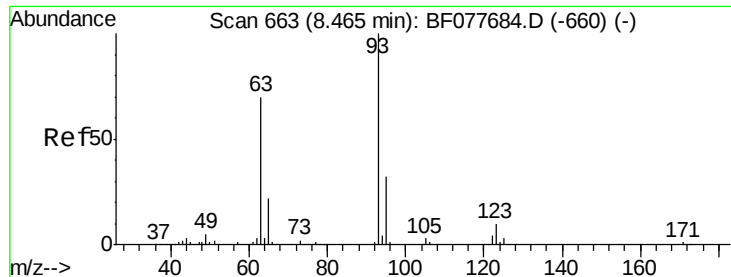


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 0.61 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

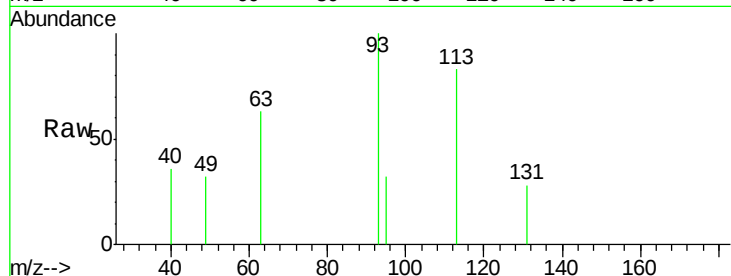
Tgt Ion: 93 Resp: 1517

Ion Ratio Lower Upper

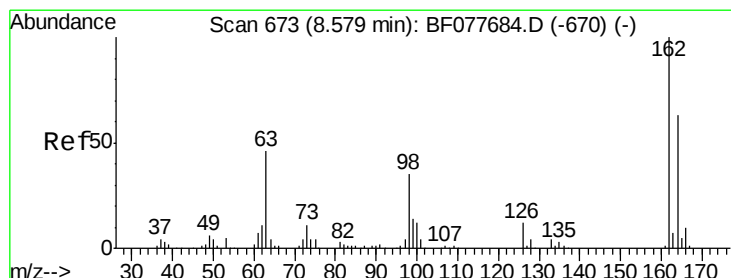
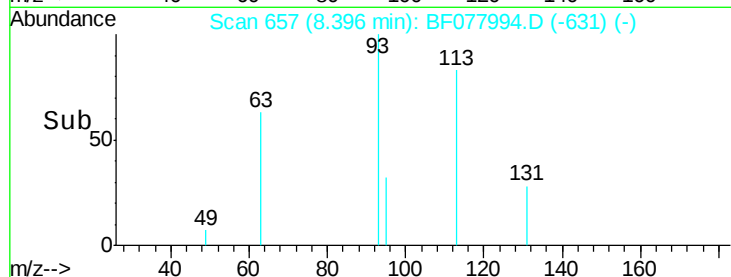
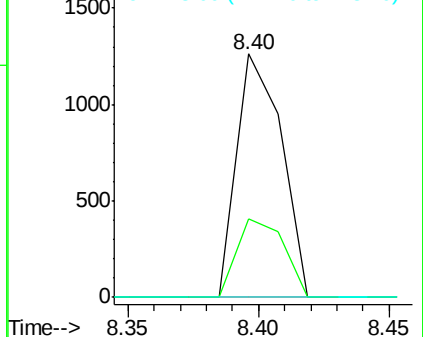
93 100

95 32.2 25.5 38.3

123 0.0 8.6 13.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 0.36 ng

RT: 8.52 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

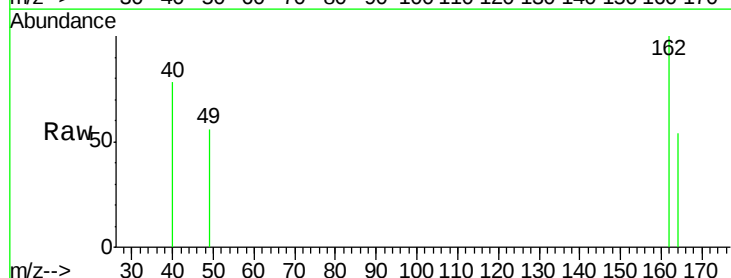
Tgt Ion: 162 Resp: 665

Ion Ratio Lower Upper

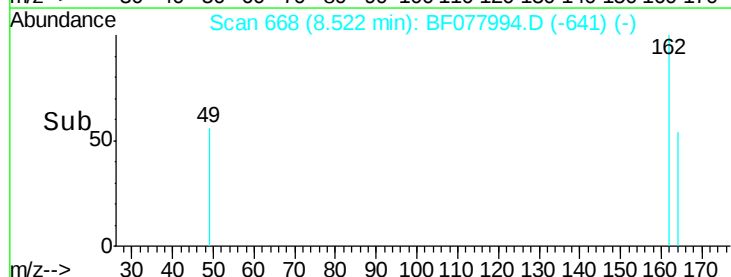
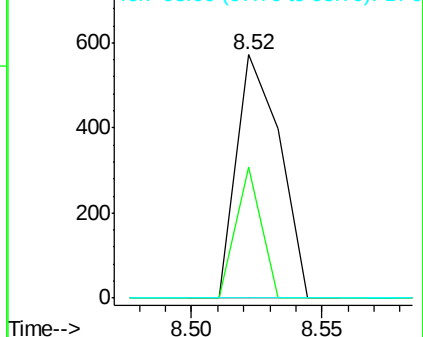
162 100

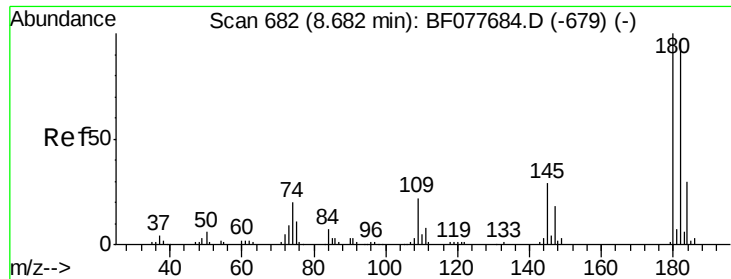
164 53.8 42.8 82.8

98 0.0 14.5 54.5#



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

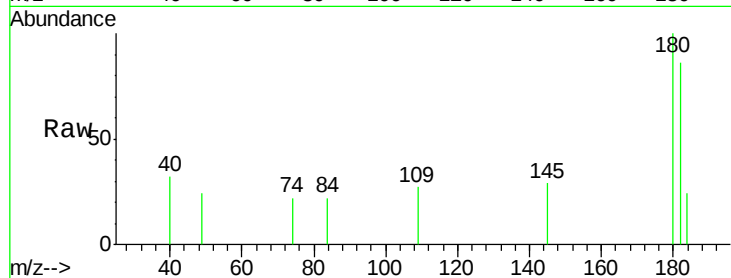




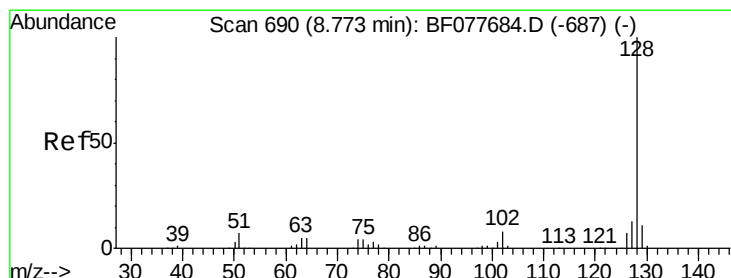
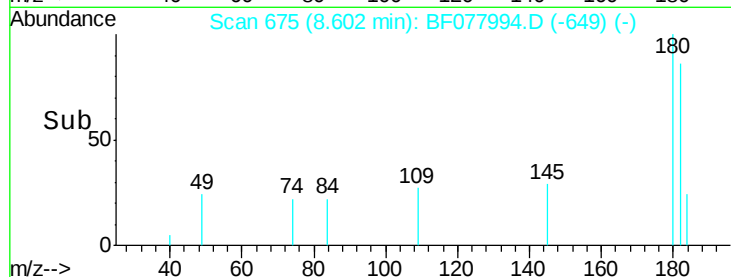
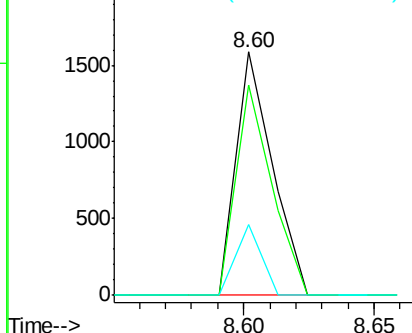
#30
 1,2,4-Trichlorobenzene
 Concen: 0.74 ng
 RT: 8.60 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:180 Resp: 1552
 Ion Ratio Lower Upper
 180 100
 182 86.2 77.6 116.4
 145 29.1 23.4 35.2

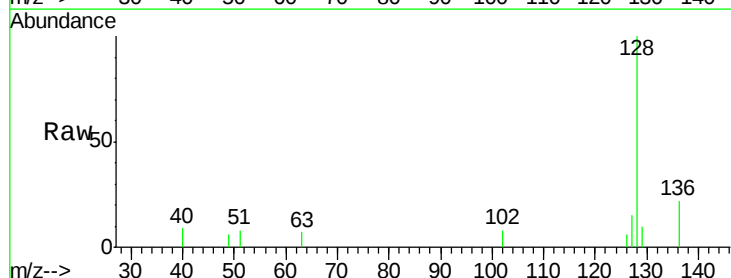


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

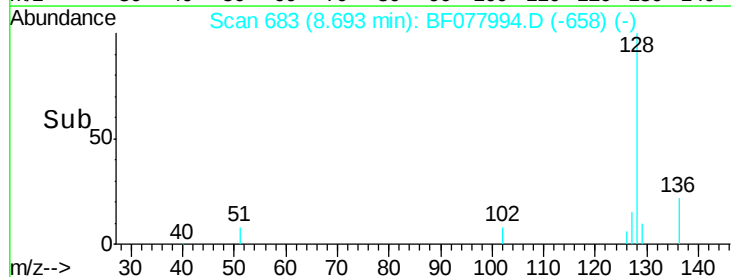
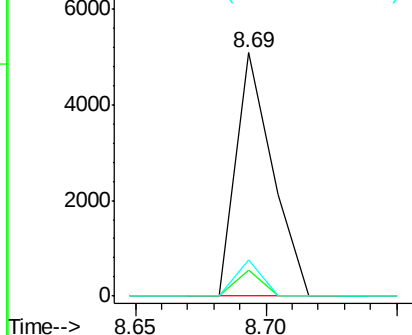


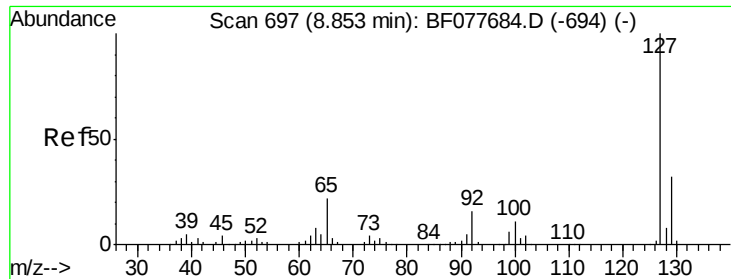
#31
 Naphthalene
 Concen: 0.72 ng
 RT: 8.69 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Tgt Ion:128 Resp: 4936
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.9 13.3
 127 15.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

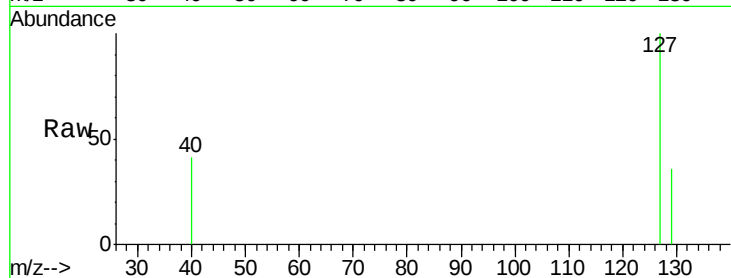




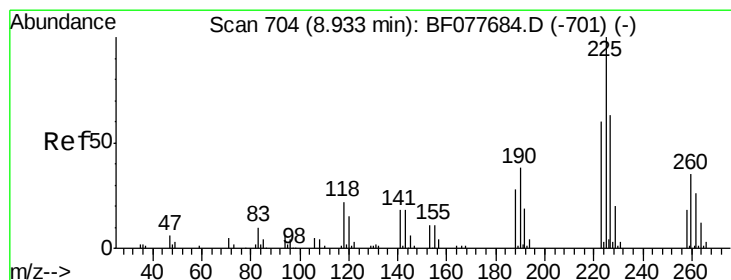
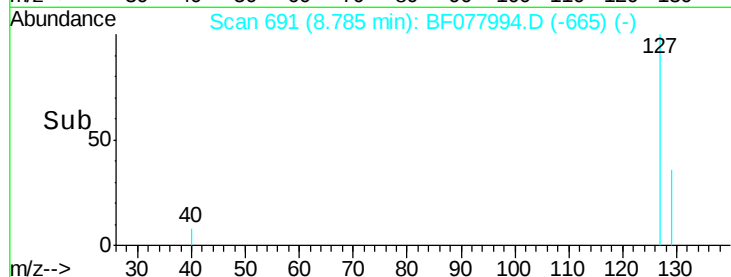
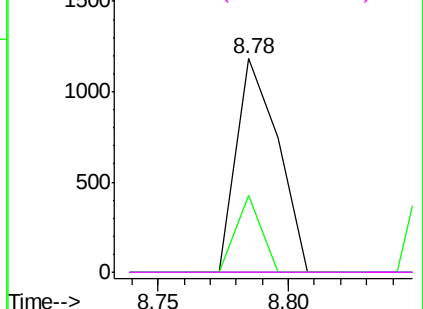
#33
4-Chloroaniline
Concen: 0.47 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	127	Resp:	1322
Ion	Ratio	Lower	Upper
127	100		
129	35.8	25.3	37.9
65	0.0	17.6	26.4#
92	0.0	13.1	19.7#

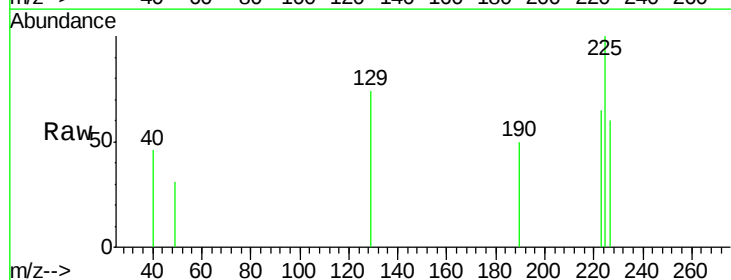


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

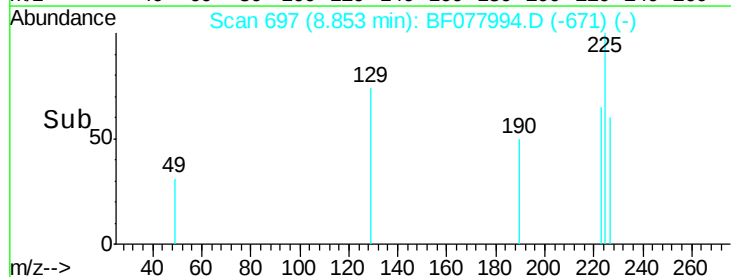
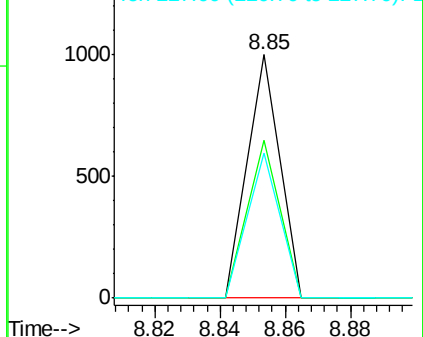


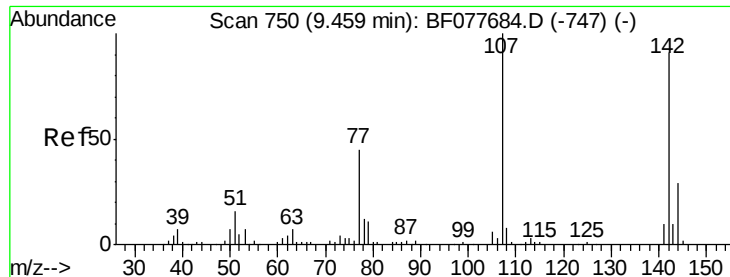
#34
Hexachlorobutadiene
Concen: 0.58 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion:	225	Resp:	686
Ion	Ratio	Lower	Upper
225	100		
223	64.9	47.9	71.9
227	59.6	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

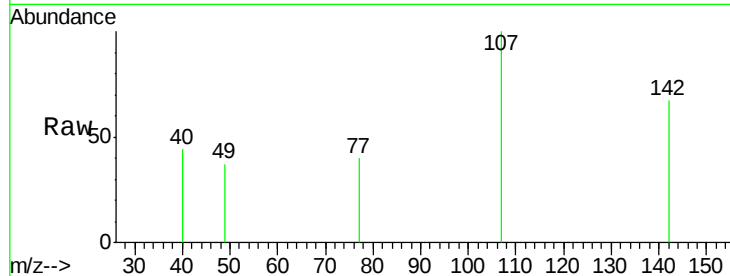




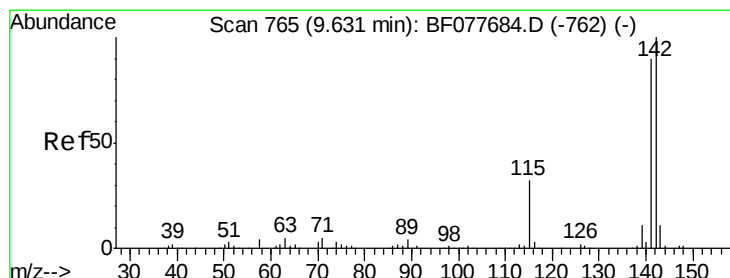
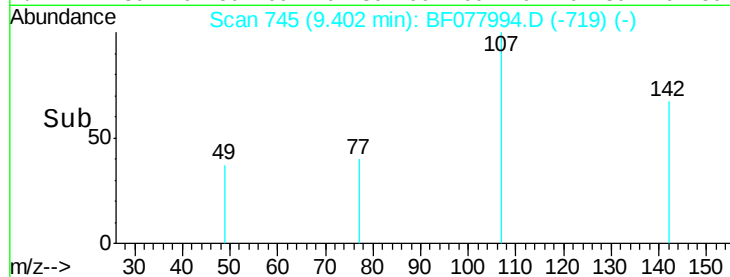
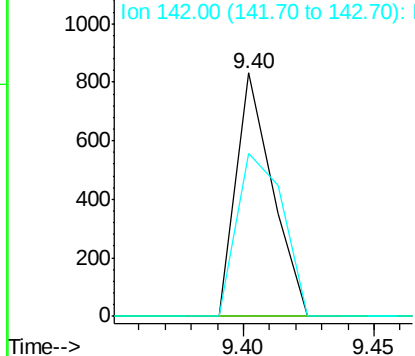
#36
 4-Chloro-3-methylphenol
 Concen: 0.43 ng
 RT: 9.40 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:107 Resp: 811
 Ion Ratio Lower Upper
 107 100
 144 0.0 23.3 34.9#
 142 66.8 72.6 109.0#

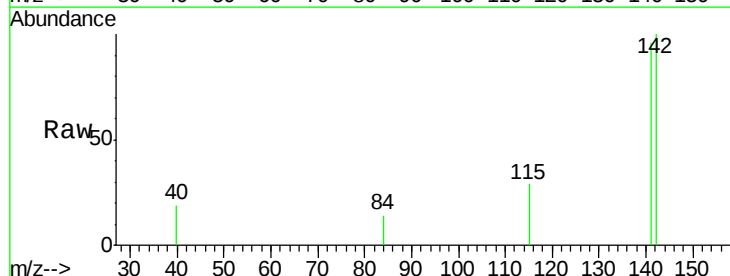


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

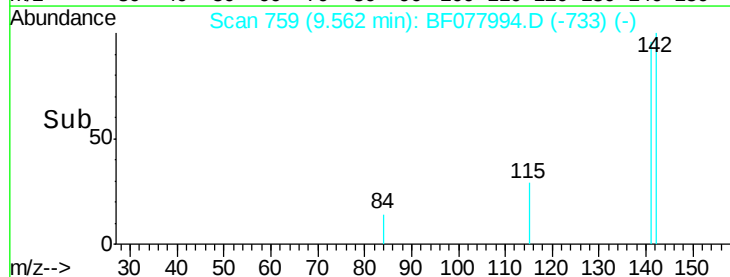
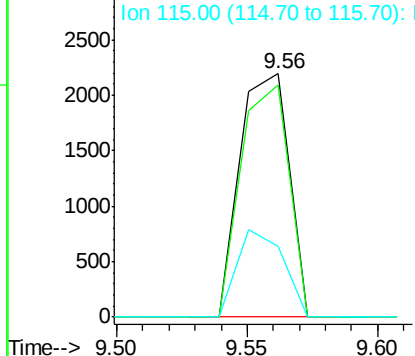


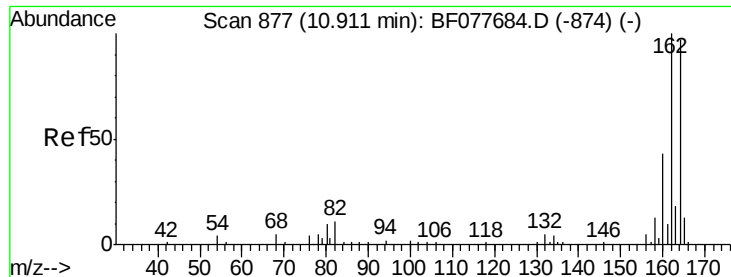
#37
 2-Methylnaphthalene
 Concen: 0.63 ng
 RT: 9.56 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Tgt Ion:142 Resp: 2898
 Ion Ratio Lower Upper
 142 100
 141 95.5 71.9 107.9
 115 29.2 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

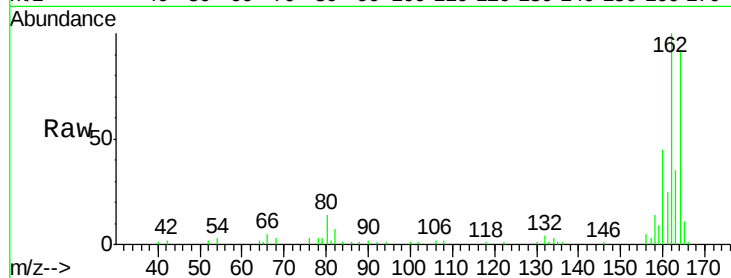
Tgt Ion:164 Resp: 64224

Ion Ratio Lower Upper

164 100

162 109.1 82.4 123.6

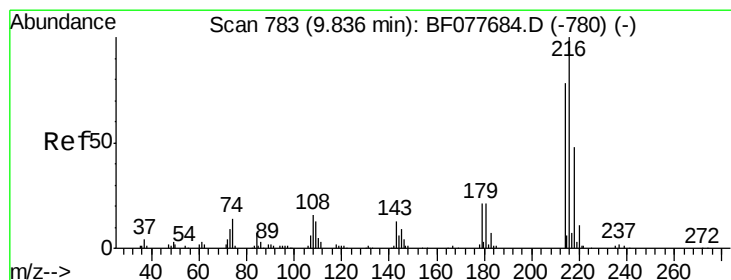
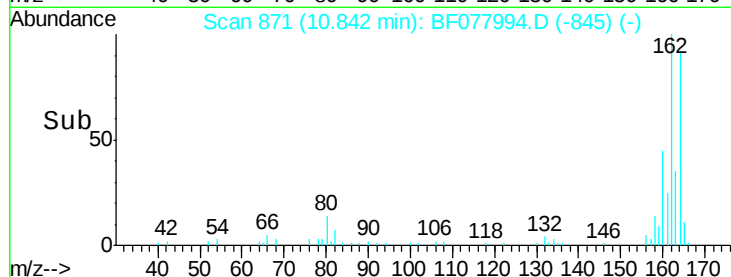
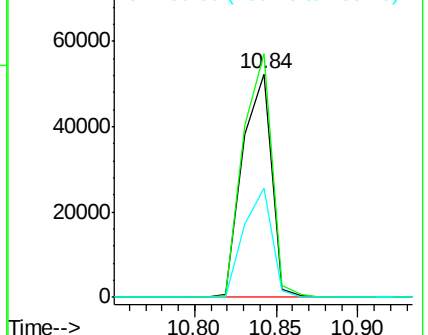
160 49.0 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.71 ng

RT: 9.76 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Tgt Ion:216 Resp: 1361

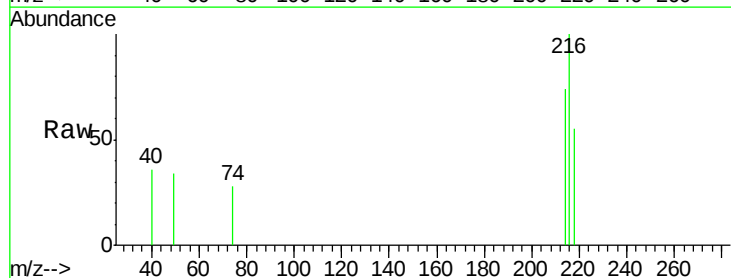
Ion Ratio Lower Upper

216 100

214 76.7 0.0 0.0#

179 0.0 0.0 0.0

108 0.0 0.0 0.0

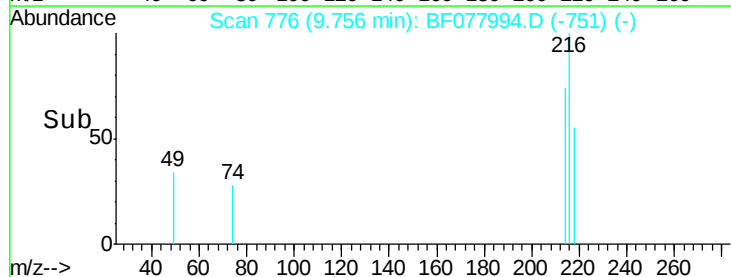
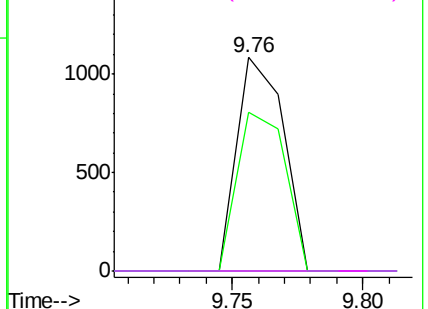


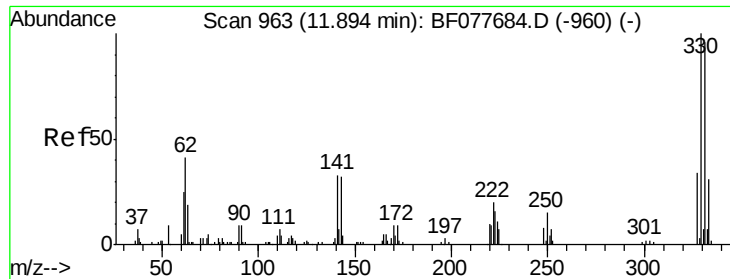
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

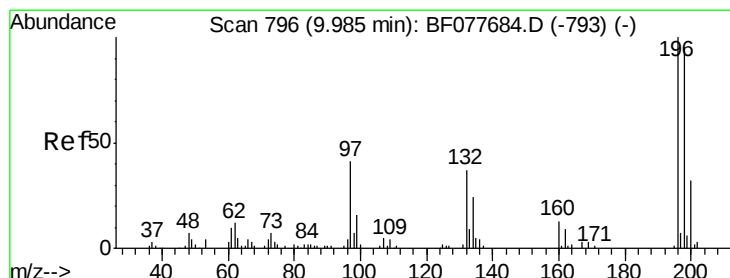
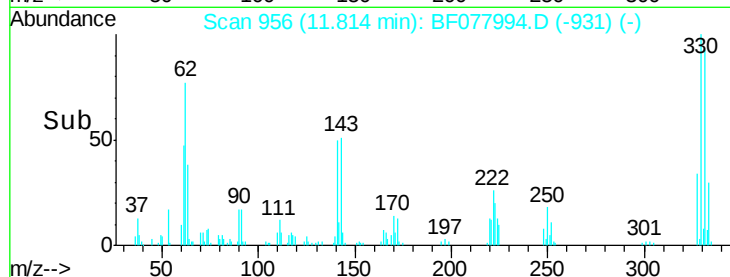
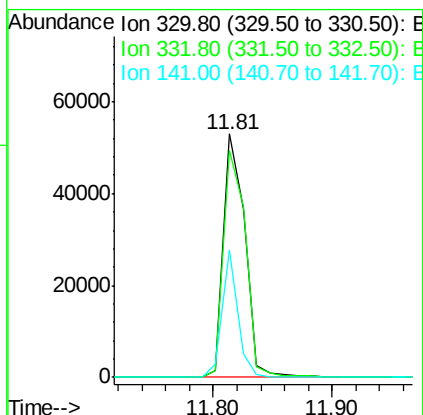
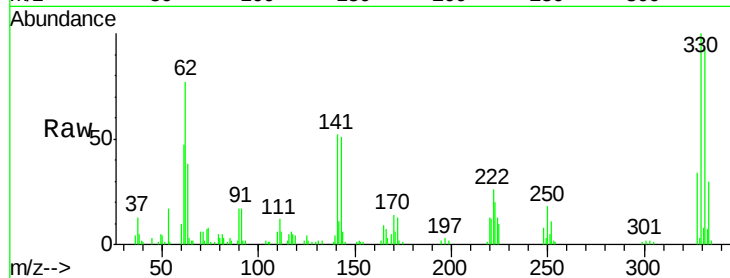




#41
 2,4,6-Tribromophenol
 Concen: 106.93 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

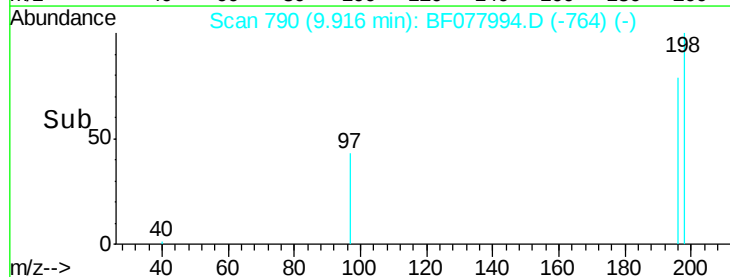
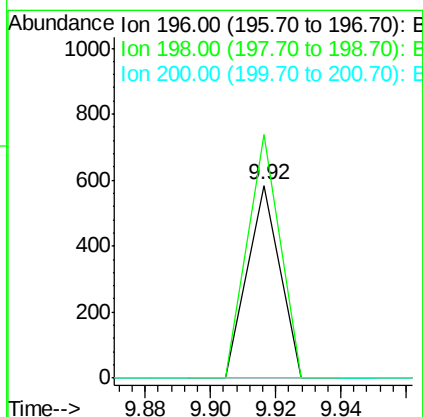
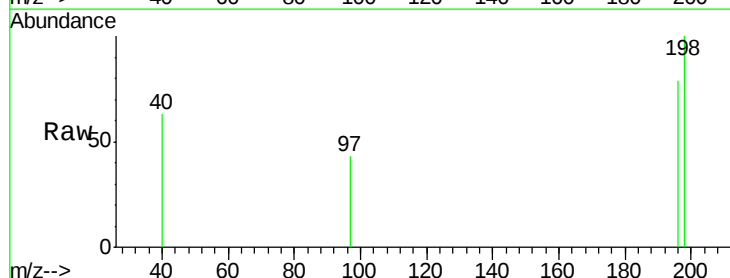
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

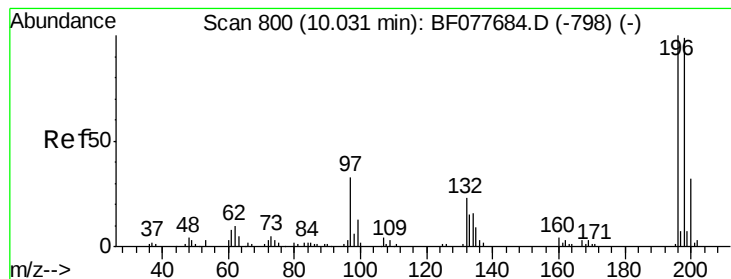
Tgt Ion:330 Resp: 65708
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 37.9 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 0.30 ng
 RT: 9.92 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Tgt Ion:196 Resp: 400
 Ion Ratio Lower Upper
 196 100
 198 126.4 76.3 114.5#
 200 0.0 25.6 38.4#





#43

2,4,5-Trichlorophenol

Concen: 0.26 ng

RT: 9.97 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF077994.D

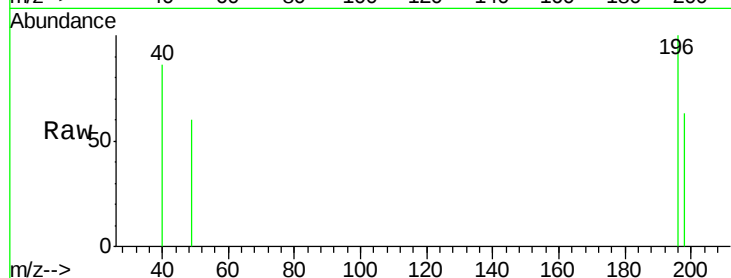
Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01



Tgt Ion:196 Resp: 370

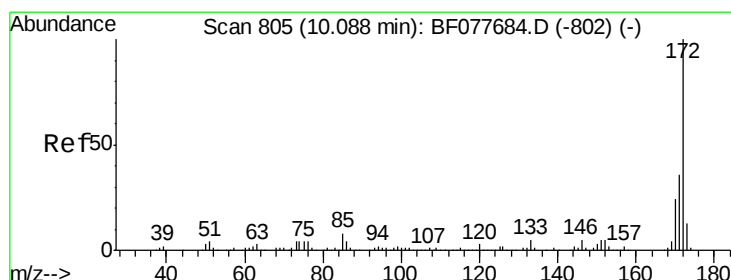
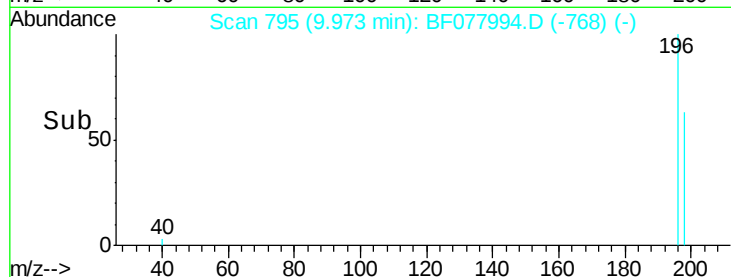
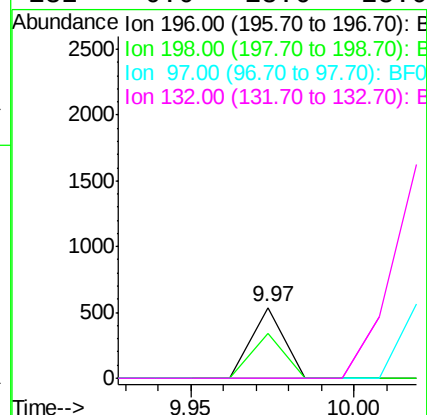
Ion Ratio Lower Upper

196 100

198 62.5 79.4 119.0#

97 0.0 26.8 40.2#

132 0.0 18.6 28.0#



#44

2-Fluorobiphenyl

Concen: 82.37 ng

RT: 10.02 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

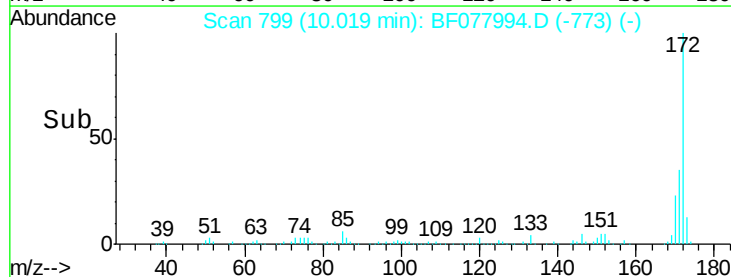
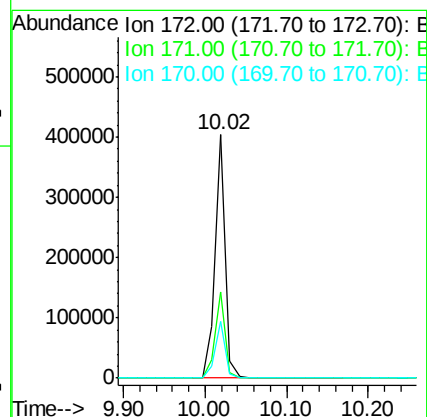
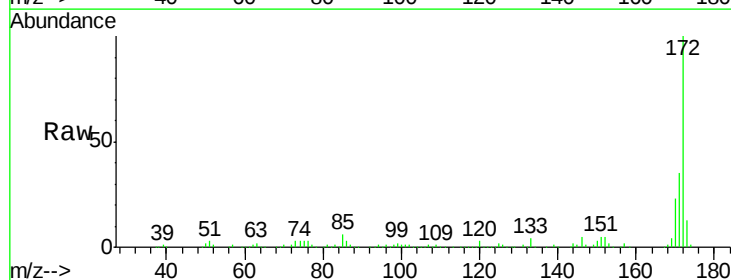
Tgt Ion:172 Resp: 359984

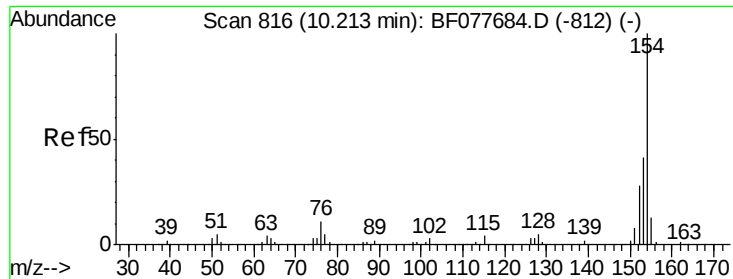
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.2 18.8 28.2

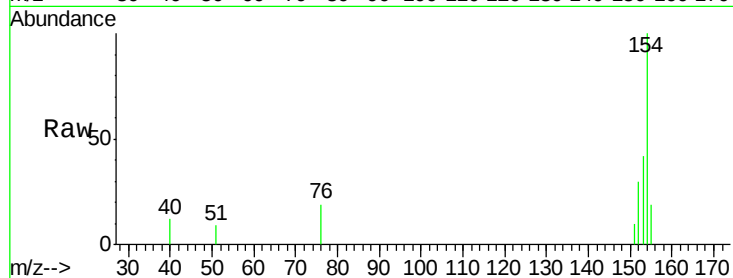




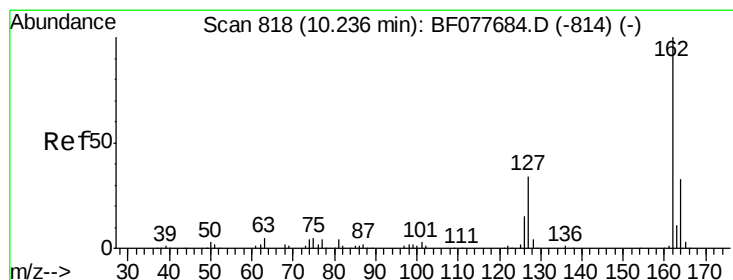
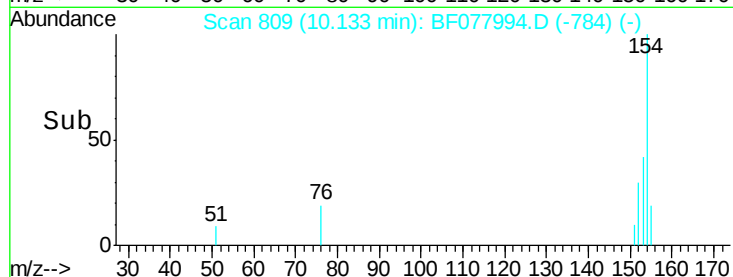
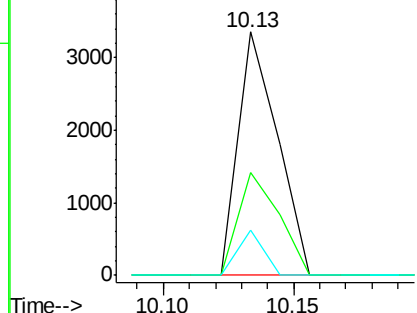
#45
 1,1'-Biphenyl
 Concen: 0.69 ng
 RT: 10.13 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:154 Resp: 3542
 Ion Ratio Lower Upper
 154 100
 153 42.1 20.7 60.7
 76 18.7 0.0 30.9

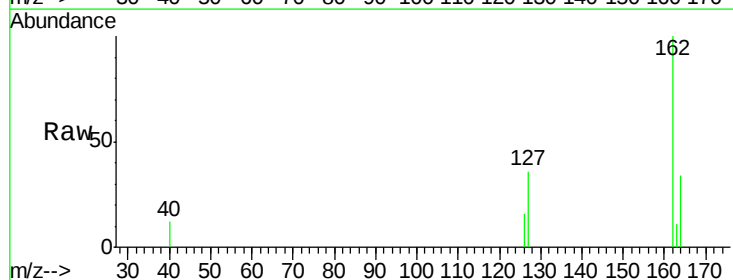


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

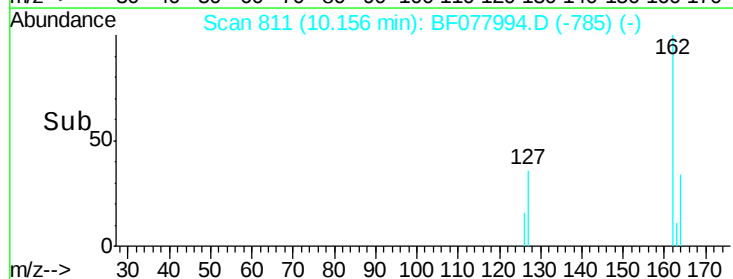
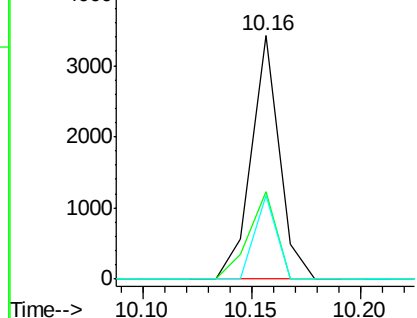


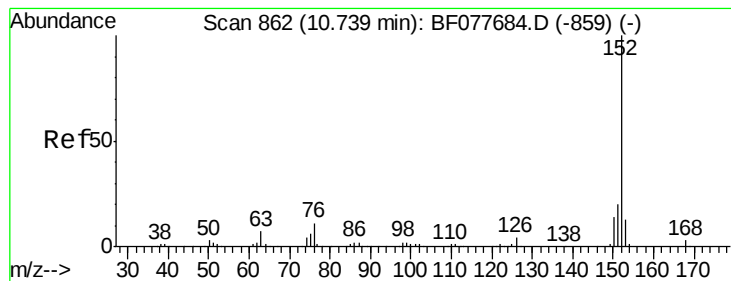
#46
 2-Chloronaphthalene
 Concen: 0.74 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Tgt Ion:162 Resp: 3070
 Ion Ratio Lower Upper
 162 100
 127 35.7 26.9 40.3
 164 34.2 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 0.59 ng

RT: 10.66 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

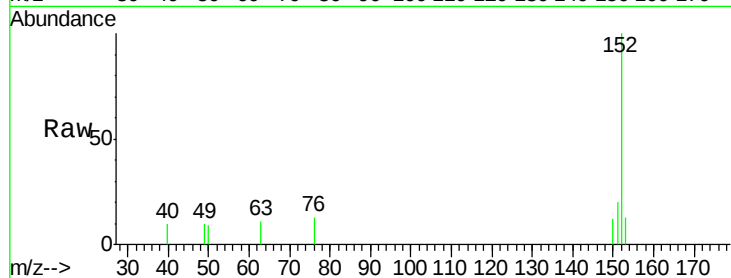
Tgt Ion:152 Resp: 4069

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

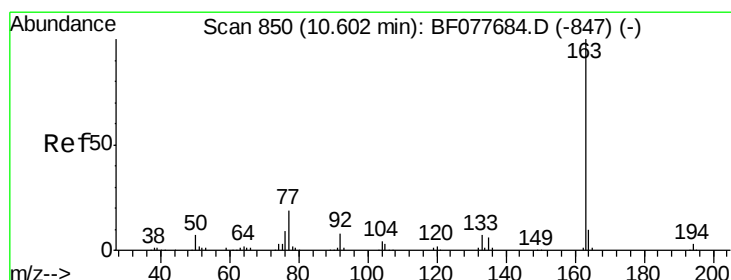
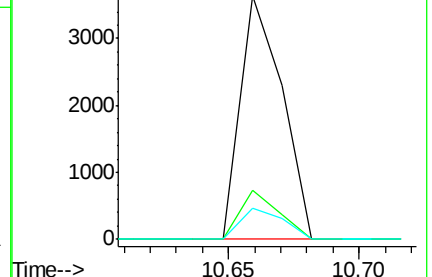
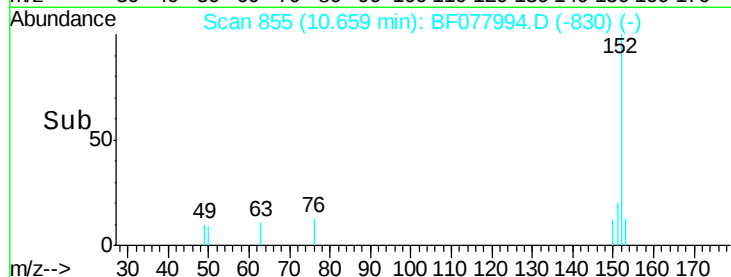
153 12.9 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.65 ng

RT: 10.52 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

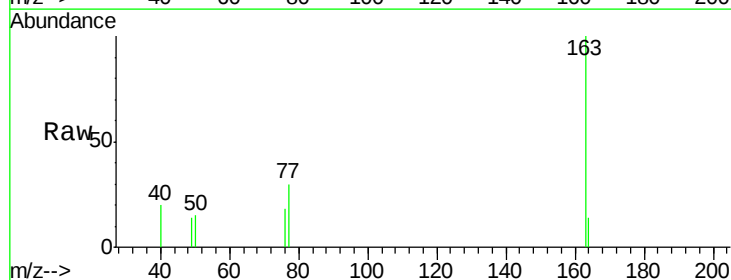
Tgt Ion:163 Resp: 3105

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

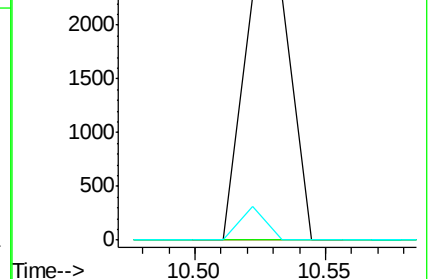
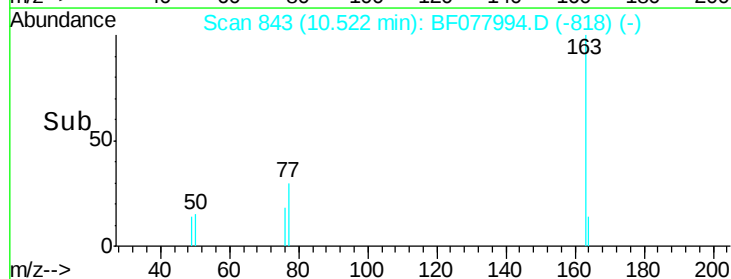
164 14.0 8.2 12.2#

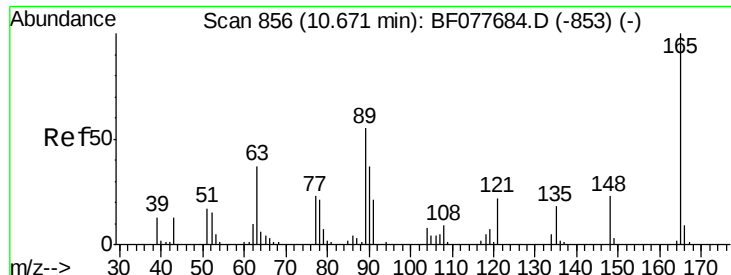


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

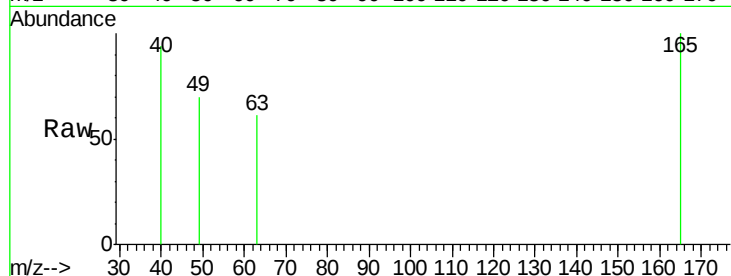




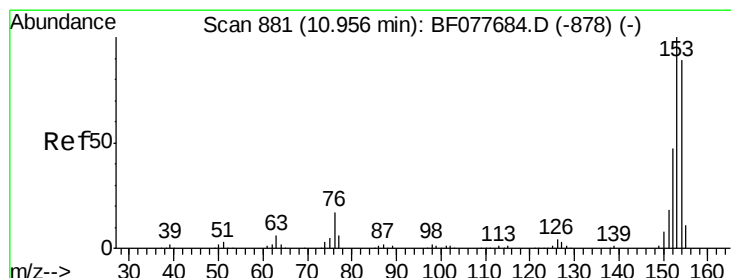
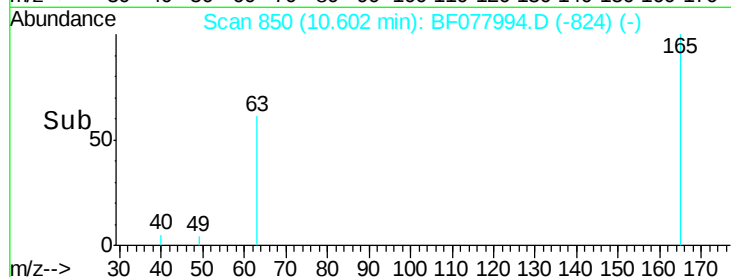
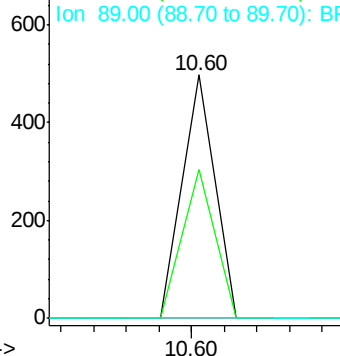
#50
 2,6-Dinitrotoluene
 Concen: 0.35 ng
 RT: 10.60 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:165 Resp: 342
 Ion Ratio Lower Upper
 165 100
 63 61.0 44.1 66.1
 89 0.0 44.3 66.5#

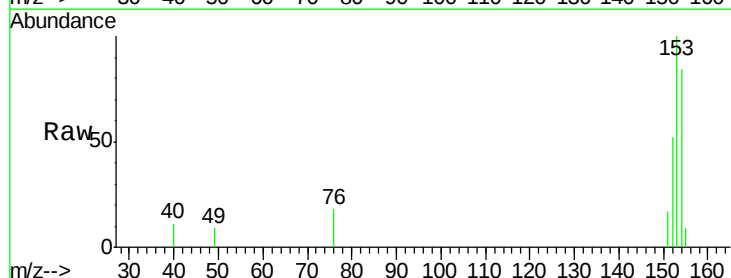


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

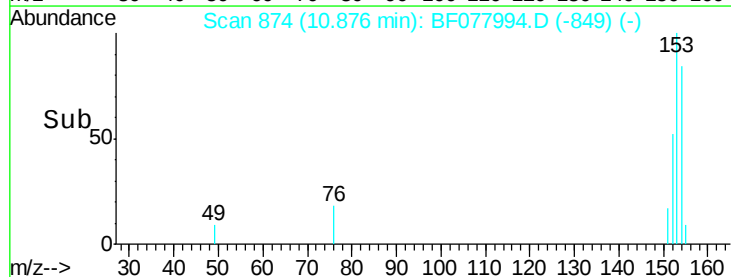
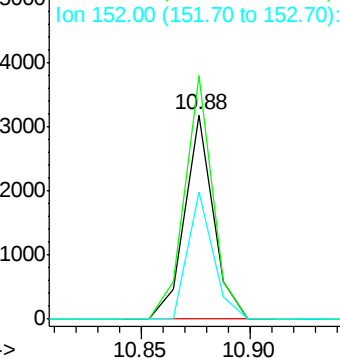


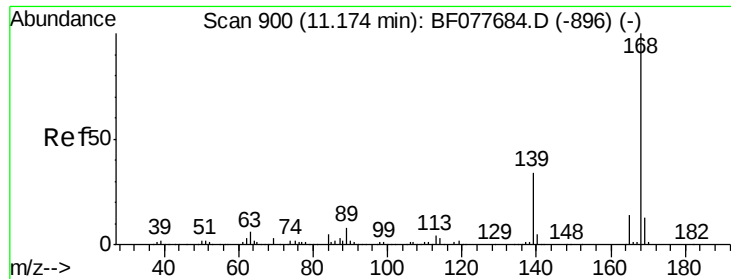
#51
 Acenaphthene
 Concen: 0.73 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Tgt Ion:154 Resp: 2916
 Ion Ratio Lower Upper
 154 100
 153 119.1 90.0 135.0
 152 62.1 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

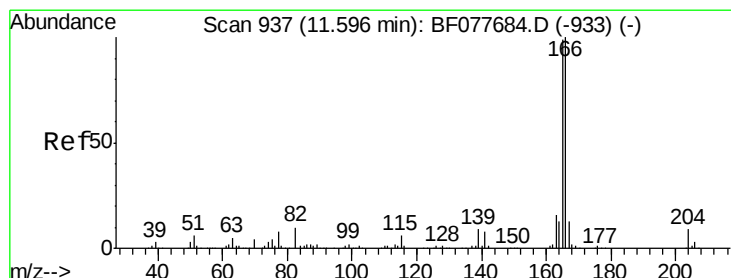
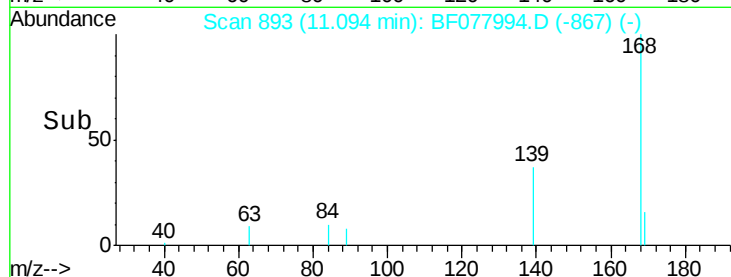
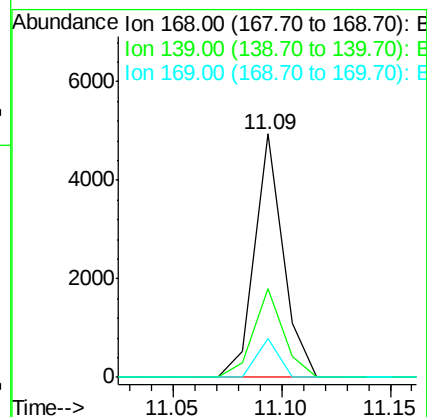
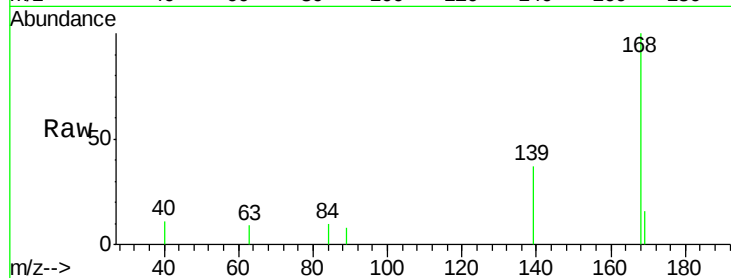




#54
Dibenzenofuran
Concen: 0.76 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

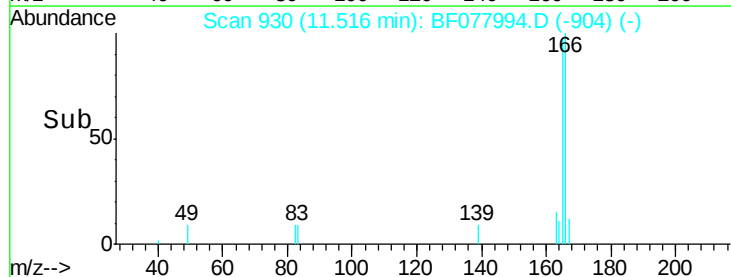
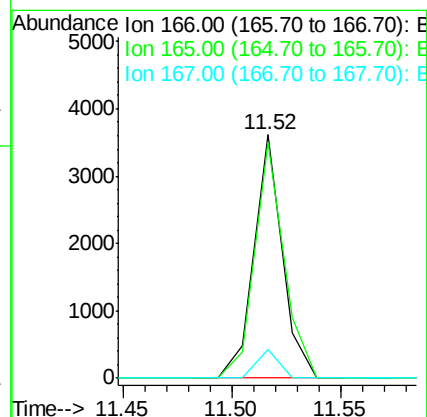
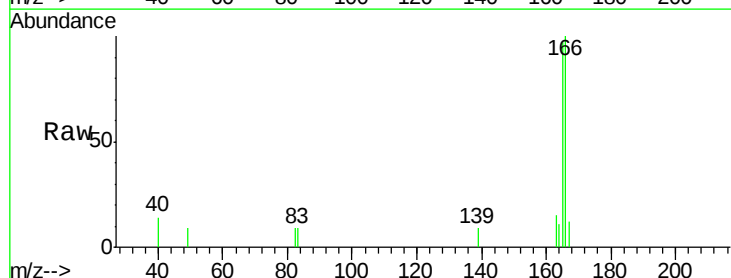
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

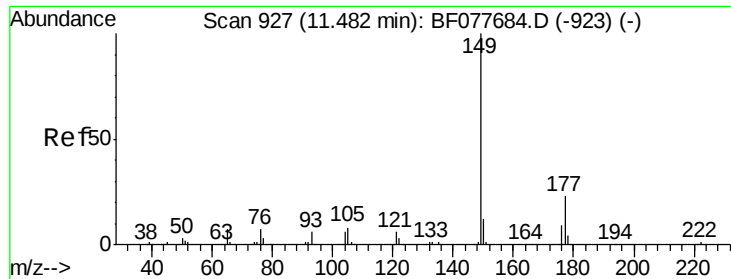
Tgt Ion:168 Resp: 4510
Ion Ratio Lower Upper
168 100
139 36.5 27.3 40.9
169 15.8 10.6 16.0



#57
Fluorene
Concen: 0.67 ng
RT: 11.52 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion:166 Resp: 3279
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.4
167 11.6 10.3 15.5

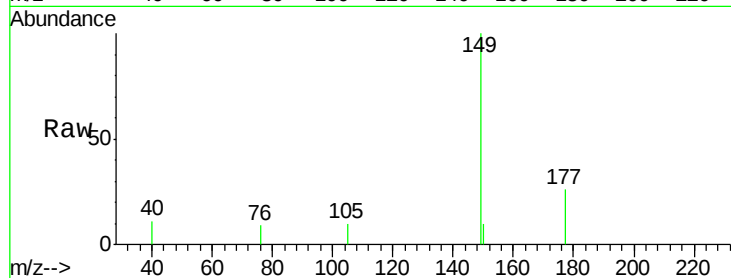




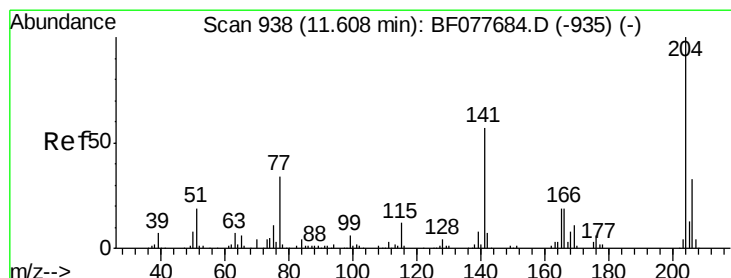
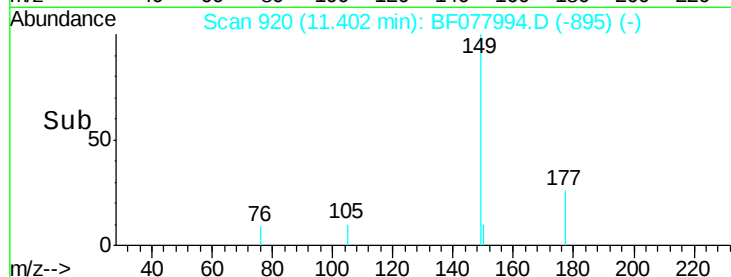
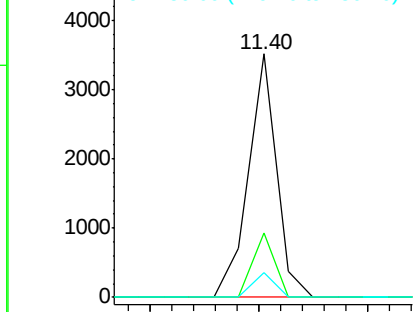
#59
Diethylphthalate
Concen: 0.68 ng
RT: 11.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:149 Resp: 3169
Ion Ratio Lower Upper
149 100
177 26.3 18.3 27.5
150 10.3 9.8 14.8

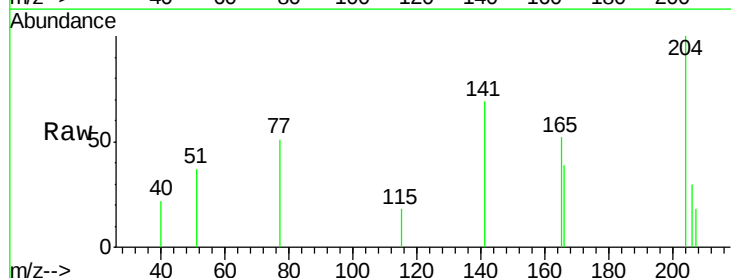


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

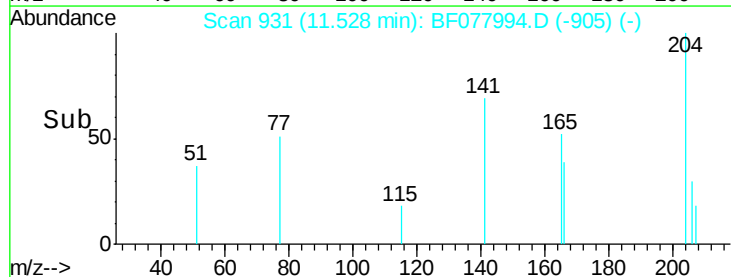
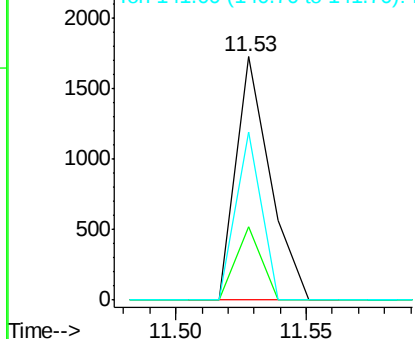


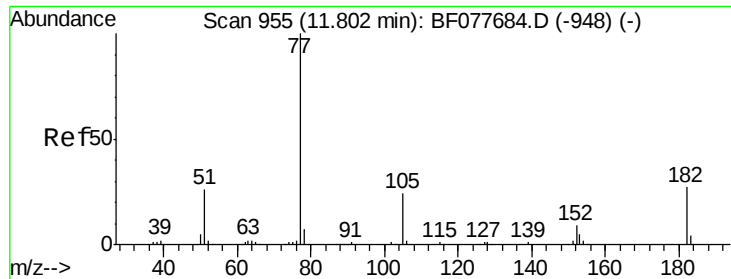
#60
4-Chlorophenyl-phenylether
Concen: 0.70 ng
RT: 11.53 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion:204 Resp: 1573
Ion Ratio Lower Upper
204 100
206 29.9 26.6 39.8
141 69.0 45.2 67.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

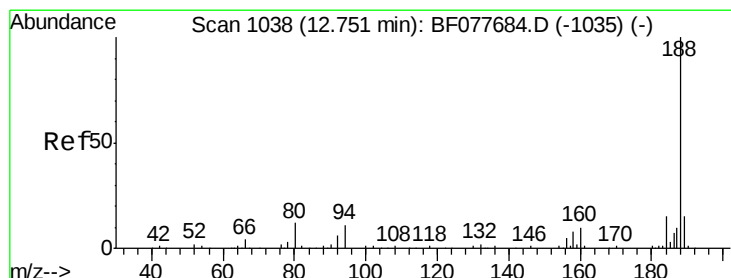
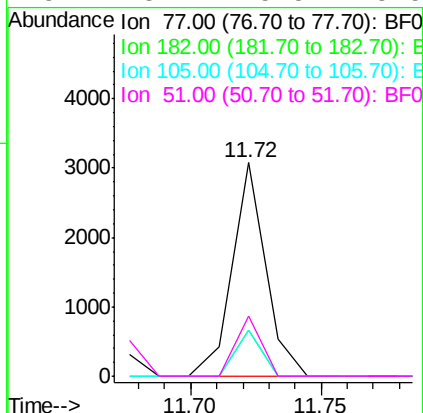
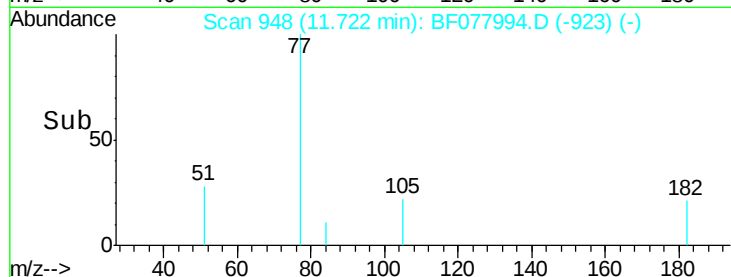
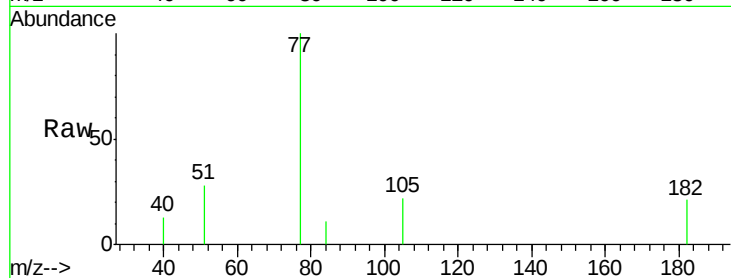




#62
Azobenzene
Concen: 0.62 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

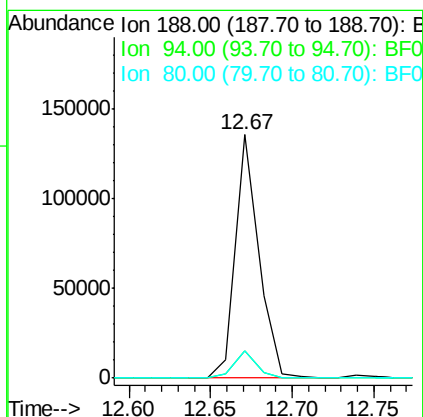
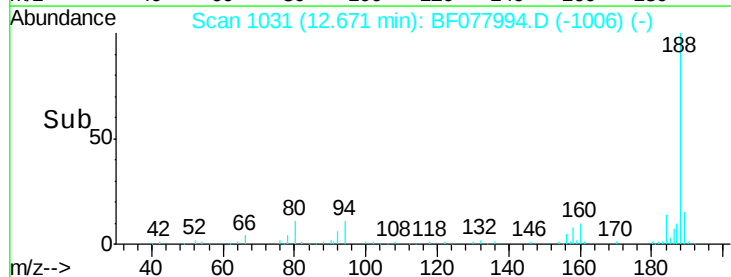
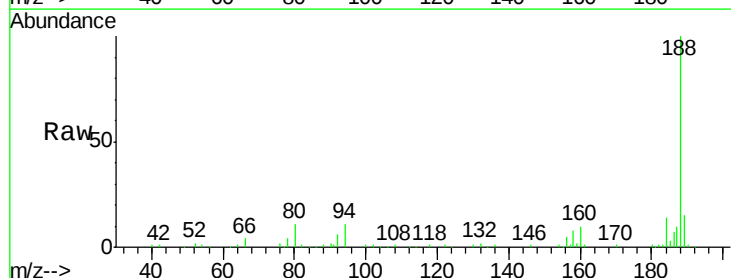
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

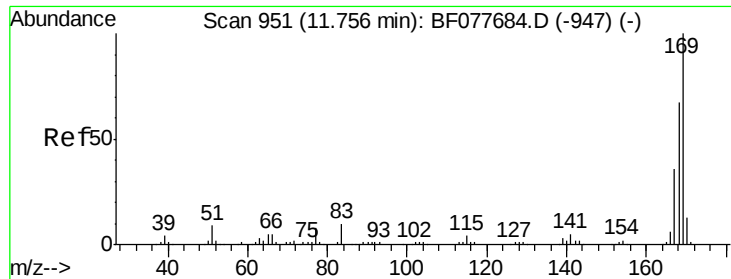
Tgt Ion: 77 Resp: 2768
Ion Ratio Lower Upper
77 100
182 21.4 6.5 46.5
105 21.6 3.8 43.8
51 28.1 5.5 45.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion: 188 Resp: 134146
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 11.3 9.3 13.9

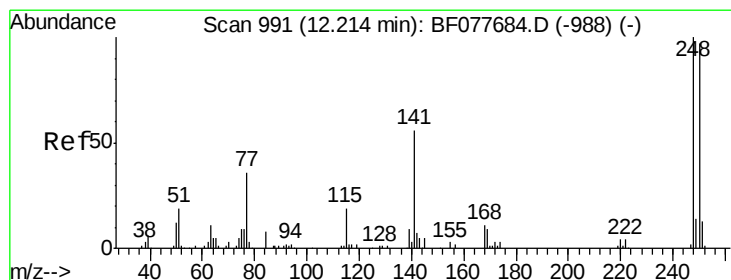
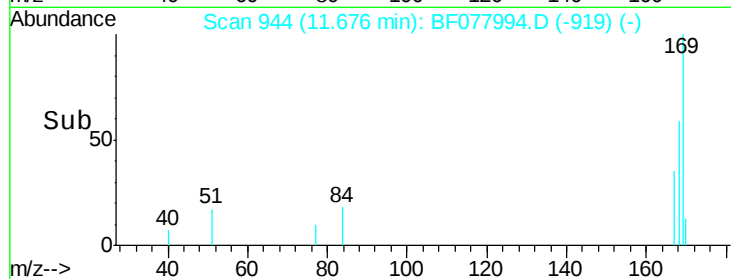
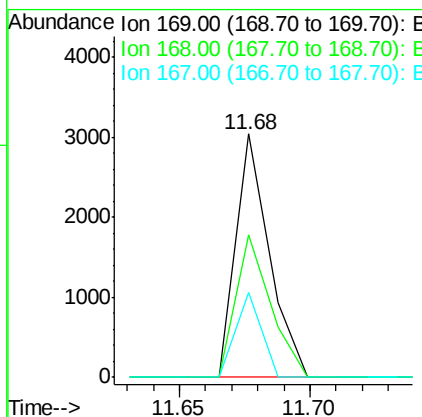
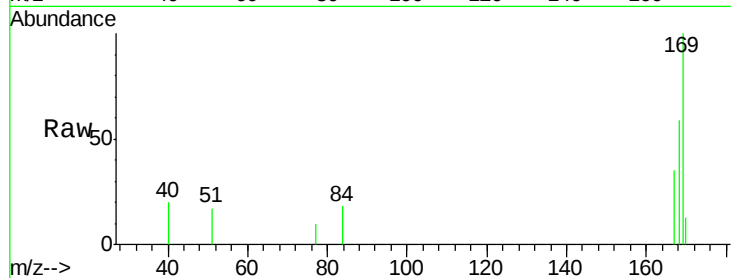




#65
 n-Nitrosodiphenylamine
 Concen: 0.61 ng
 RT: 11.68 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

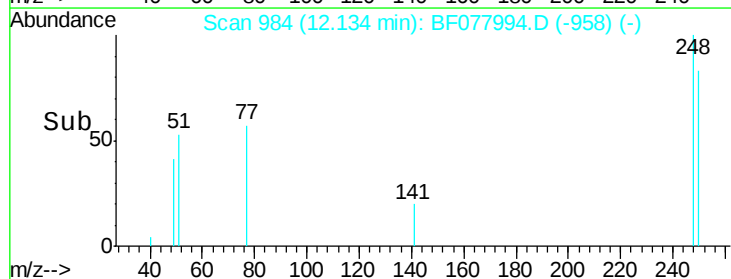
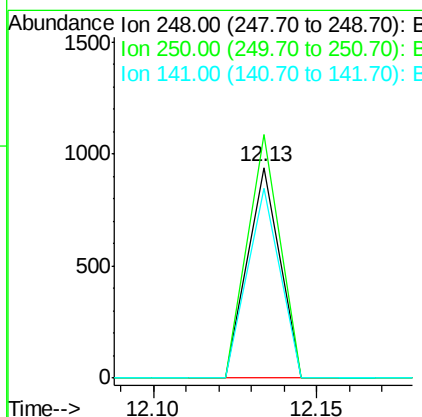
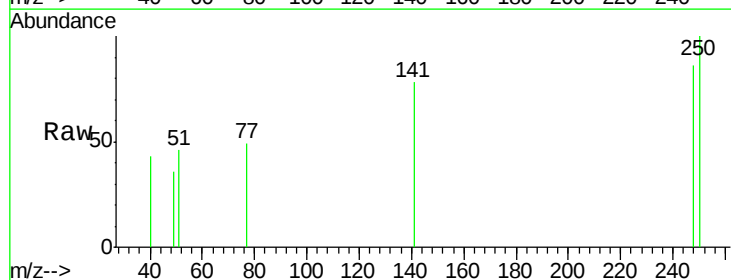
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

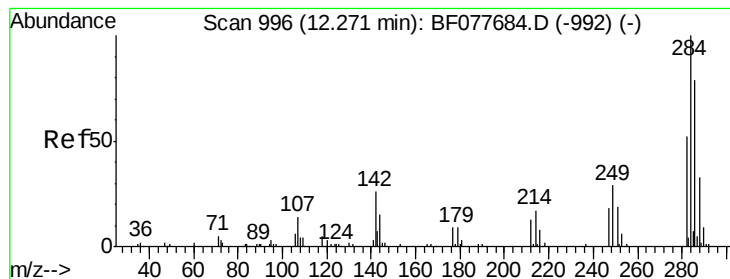
Tgt Ion:169 Resp: 2729
 Ion Ratio Lower Upper
 169 100
 168 58.6 53.9 80.9
 167 34.9 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 0.45 ng
 RT: 12.13 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Tgt Ion:248 Resp: 644
 Ion Ratio Lower Upper
 248 100
 250 115.8 77.4 116.0
 141 90.3 45.2 67.8#





#67

Hexachlorobenzene

Concen: 0.71 ng

RT: 12.19 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

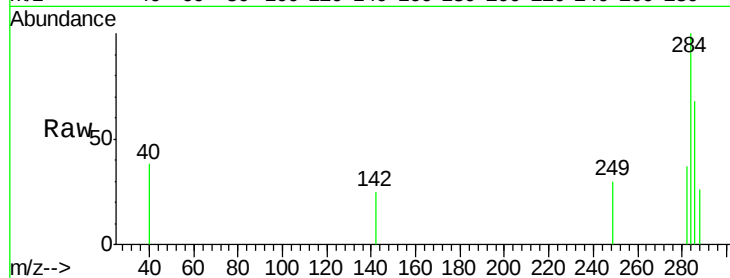
Tgt Ion:284 Resp: 1123

Ion Ratio Lower Upper

284 100

142 24.6 20.4 30.6

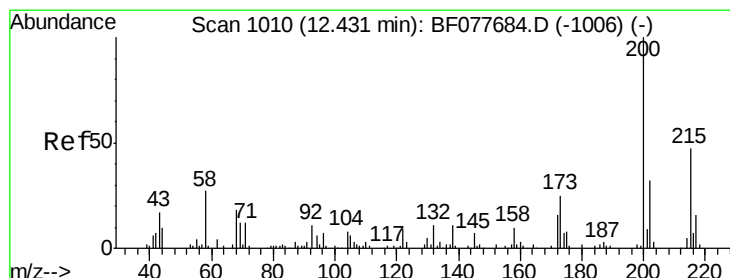
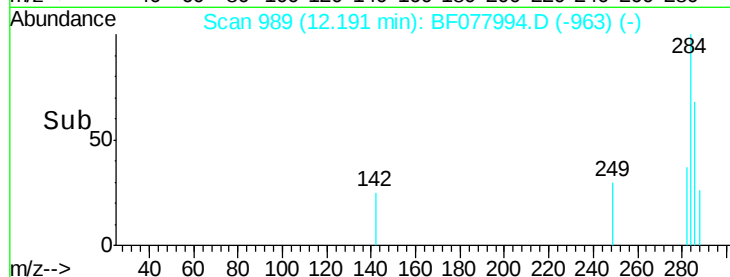
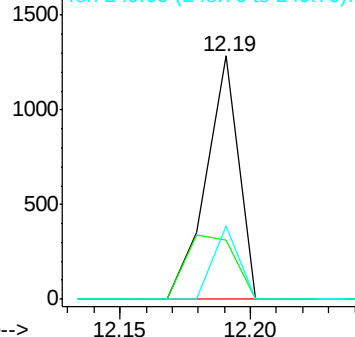
249 30.2 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 0.45 ng

RT: 12.35 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

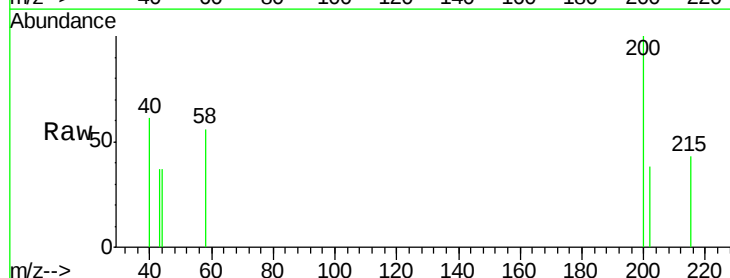
Tgt Ion:200 Resp: 568

Ion Ratio Lower Upper

200 100

173 0.0 4.8 44.8#

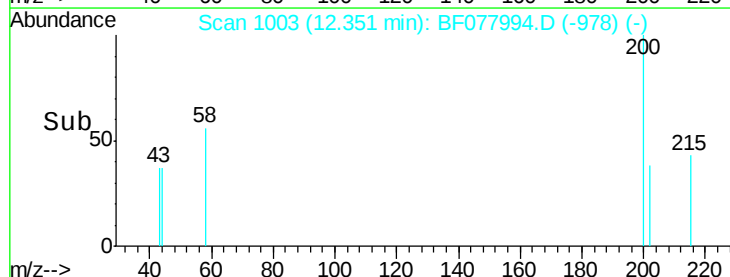
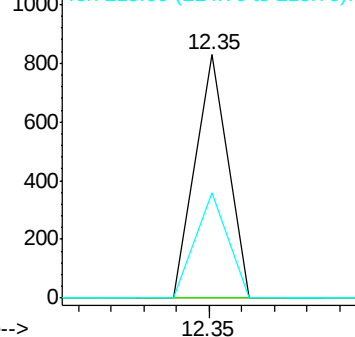
215 43.4 26.9 66.9

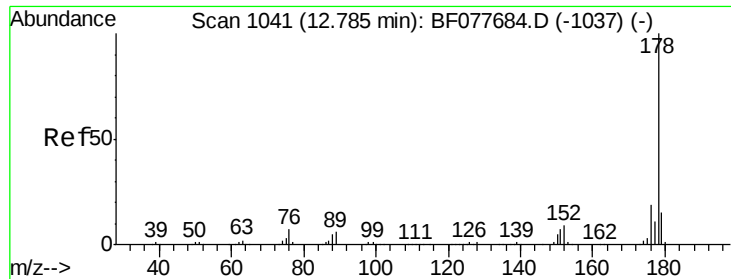


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

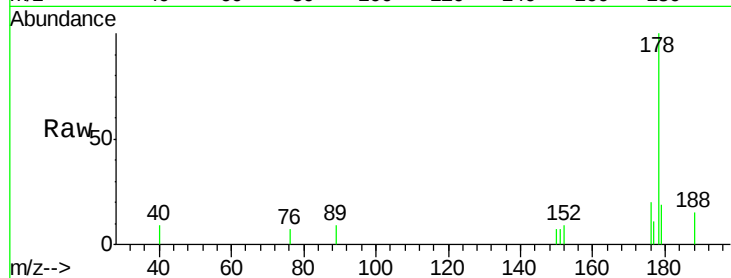




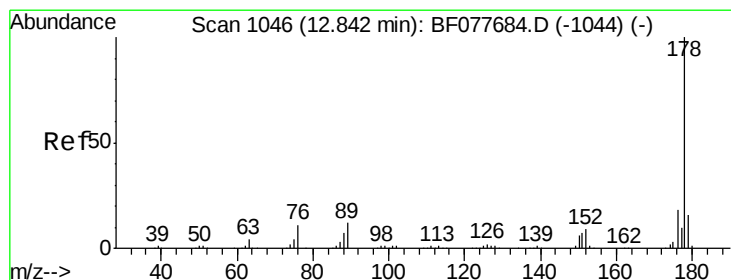
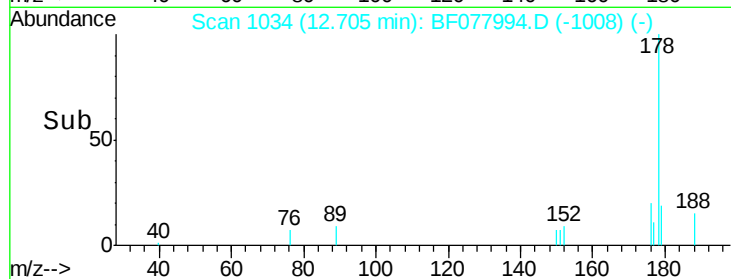
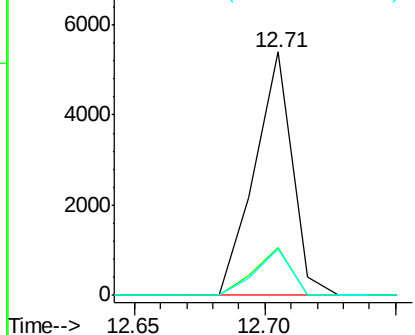
#70
Phenanthrene
Concen: 0.71 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:178 Resp: 5460
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 19.2 12.1 18.1#

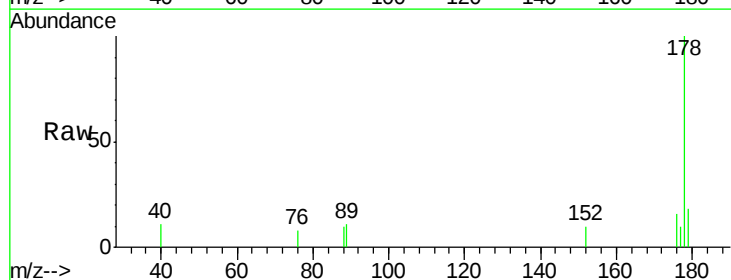


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

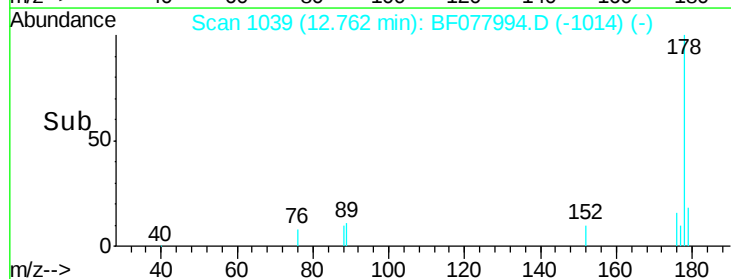
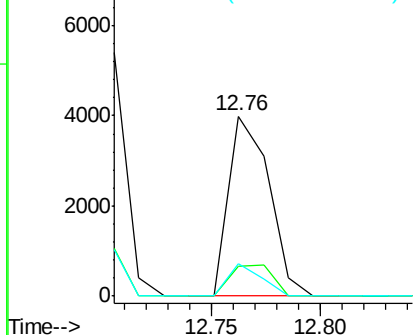


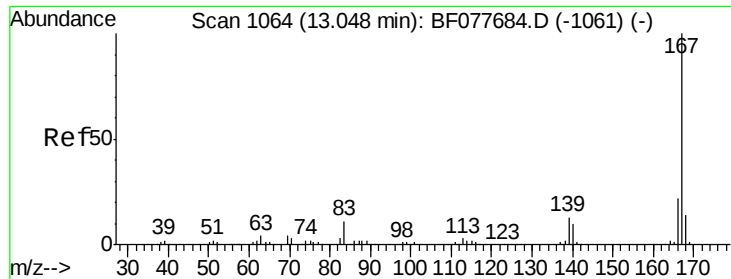
#71
Anthracene
Concen: 0.68 ng
RT: 12.76 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion:178 Resp: 5145
Ion Ratio Lower Upper
178 100
176 16.4 14.6 22.0
179 18.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.64 ng

RT: 12.98 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

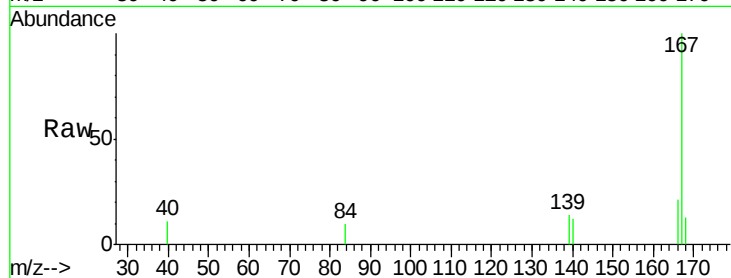
Tgt Ion:167 Resp: 4614

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

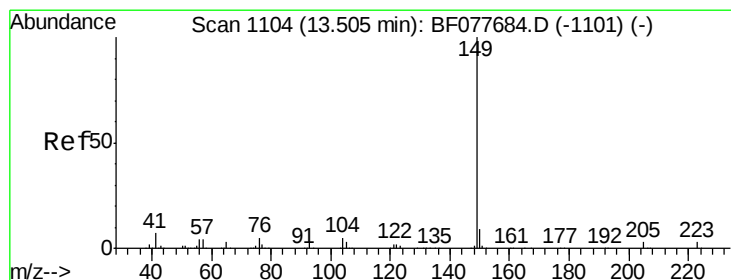
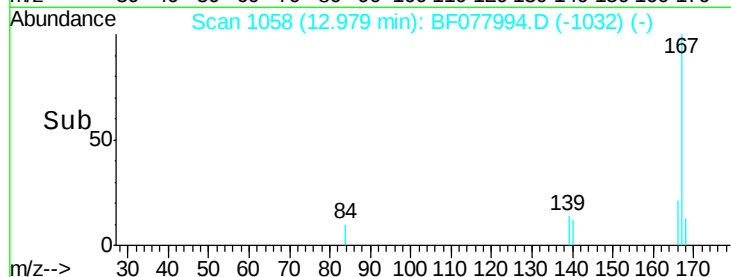
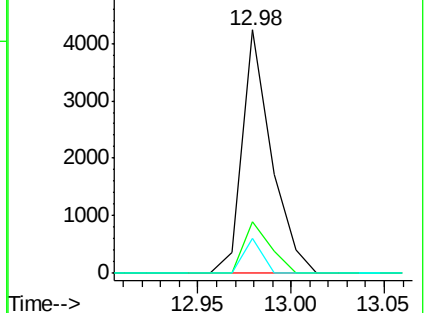
139 14.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.56 ng

RT: 13.44 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

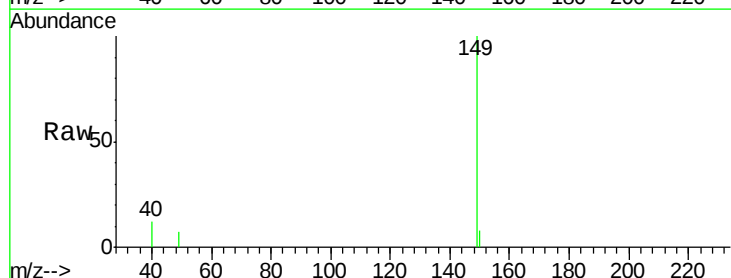
Tgt Ion:149 Resp: 4509

Ion Ratio Lower Upper

149 100

150 8.3 7.5 11.3

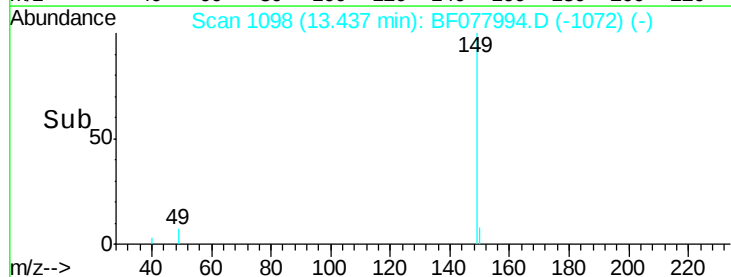
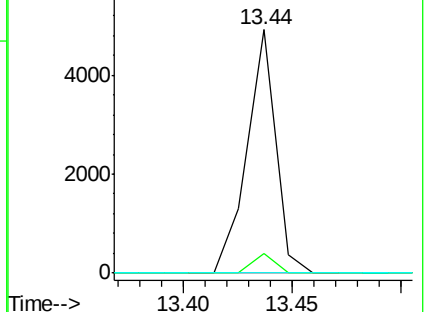
104 0.0 3.7 5.5#

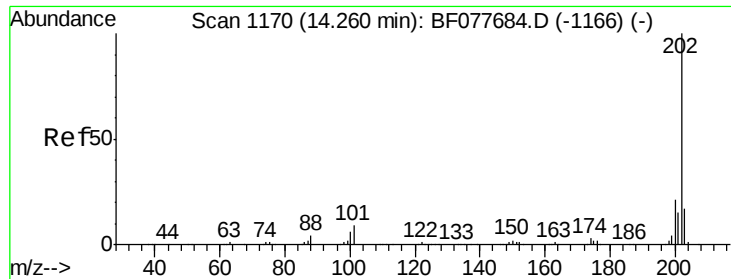


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

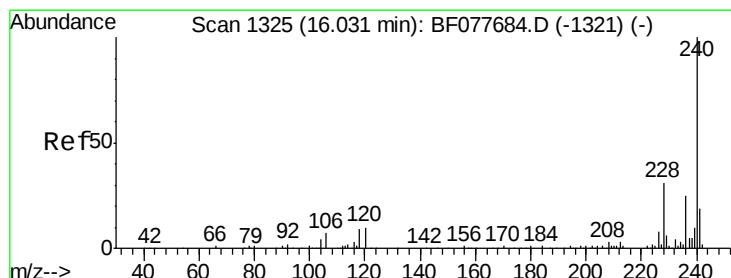
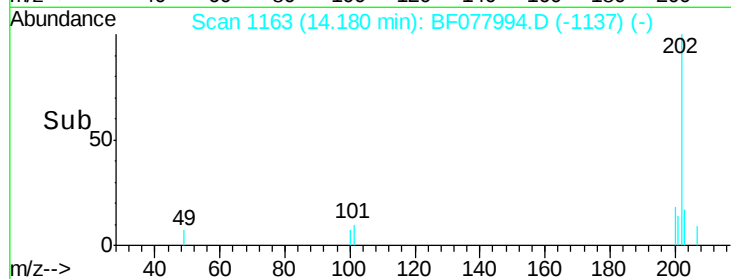
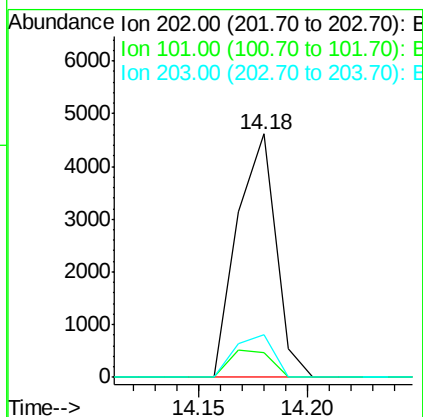
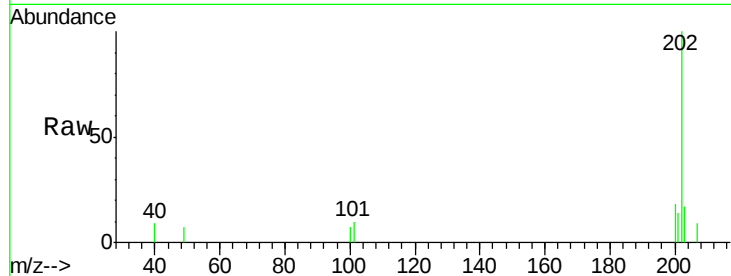




#74
 Fluoranthene
 Concen: 0.67 ng
 RT: 14.18 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

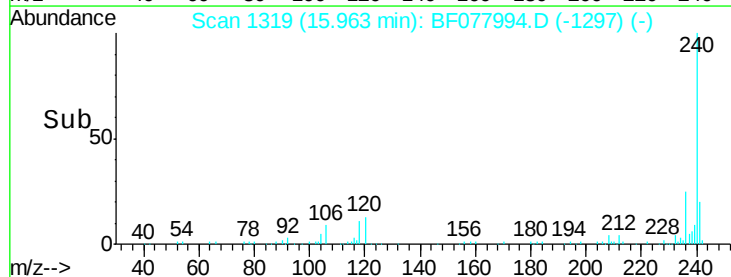
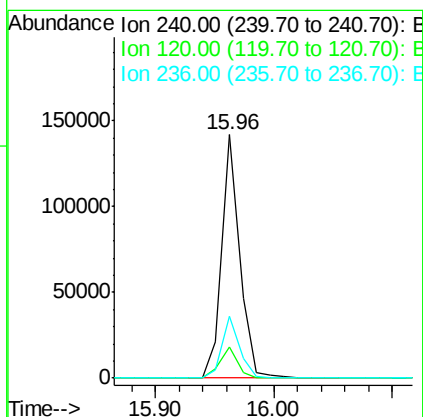
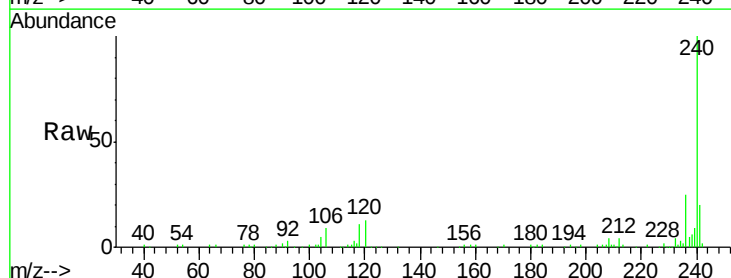
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

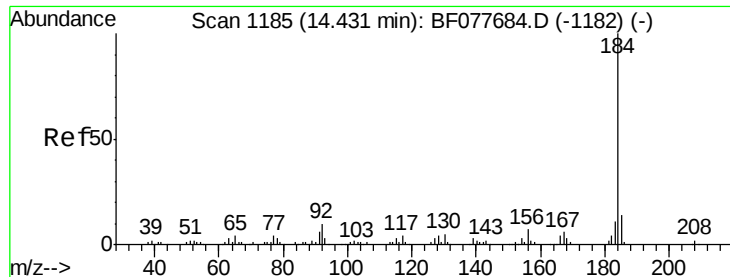
Tgt Ion: 202 Resp: 5680
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 28.7
 203 17.4 0.0 37.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.05 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Tgt Ion: 240 Resp: 148108
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.2 12.2#
 236 25.3 20.0 30.0

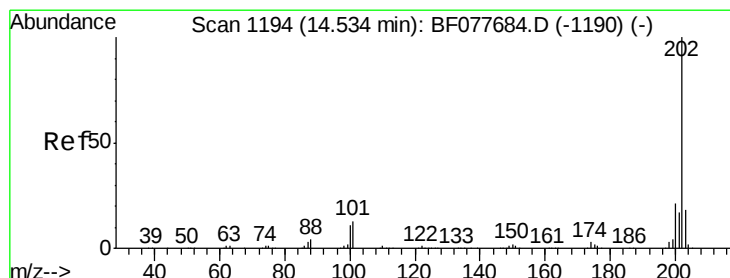
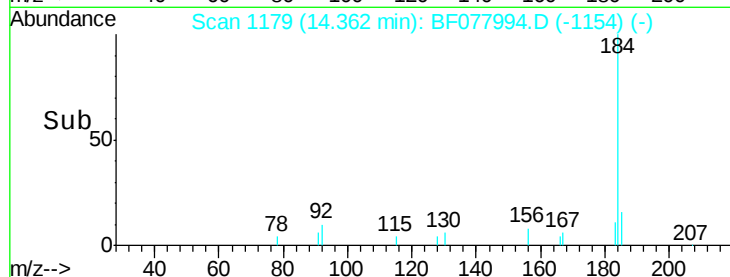
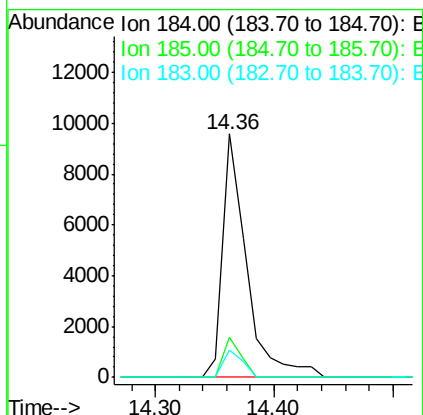
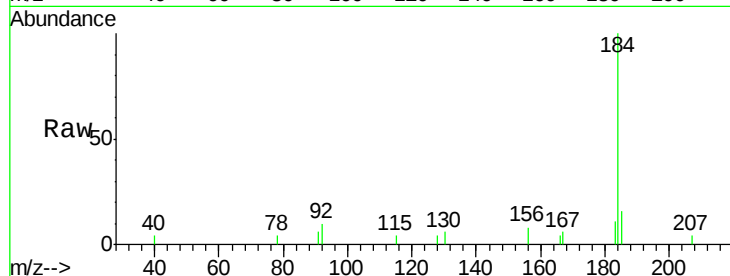




#76
Benzidine
Concen: 3.19 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

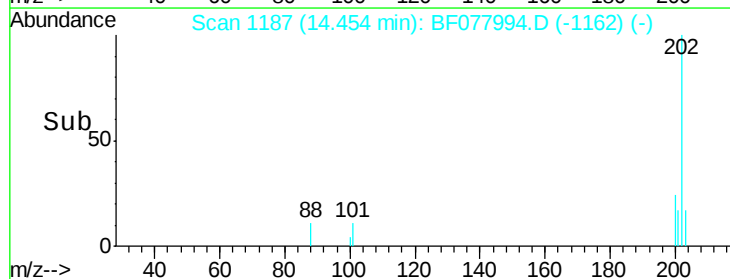
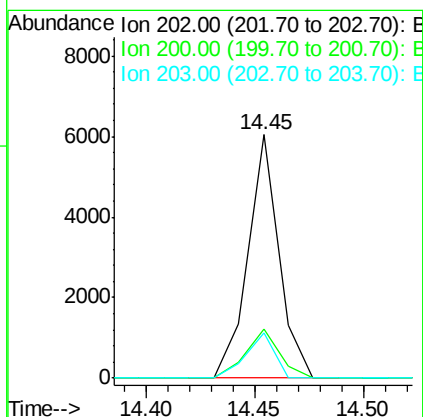
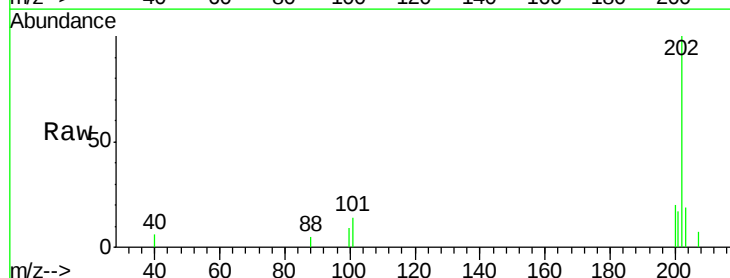
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

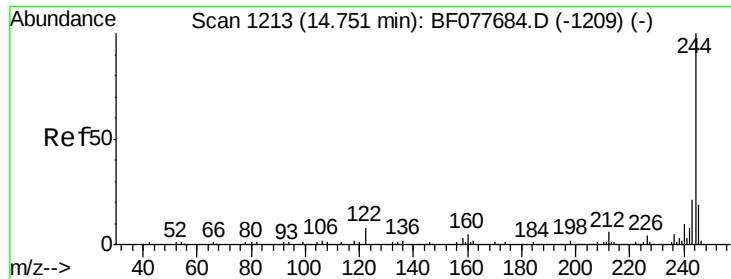
Tgt Ion:184 Resp: 13333
Ion Ratio Lower Upper
184 100
185 16.5 11.3 16.9
183 11.4 8.9 13.3



#77
Pyrene
Concen: 0.64 ng
RT: 14.45 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion:202 Resp: 5959
Ion Ratio Lower Upper
202 100
200 20.2 16.9 25.3
203 18.6 14.1 21.1

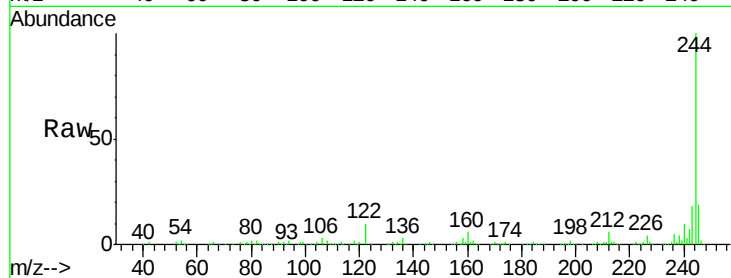




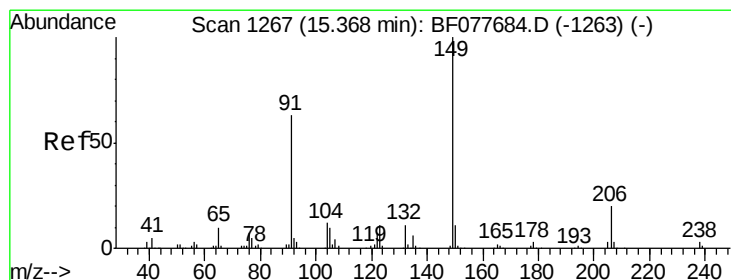
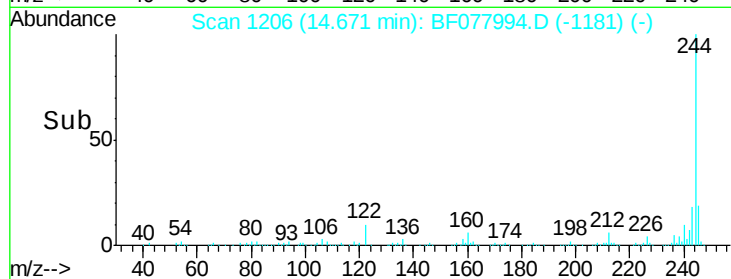
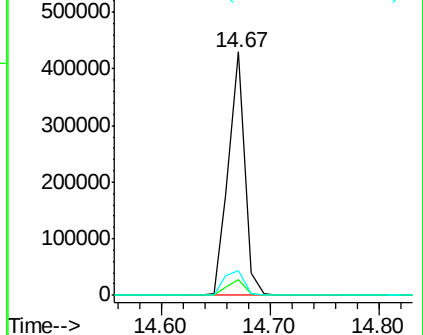
#78
 Terphenyl-d14
 Concen: 73.83 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:244 Resp: 447629
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.9 7.3
 122 10.2 6.2 9.4#

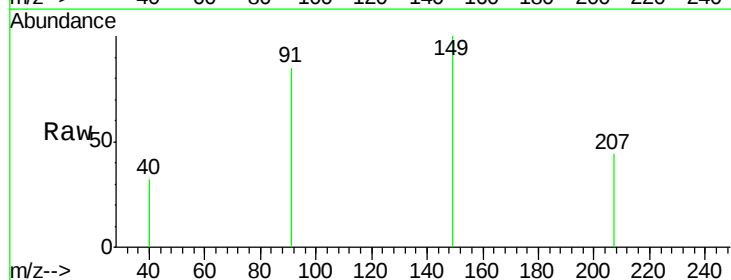


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

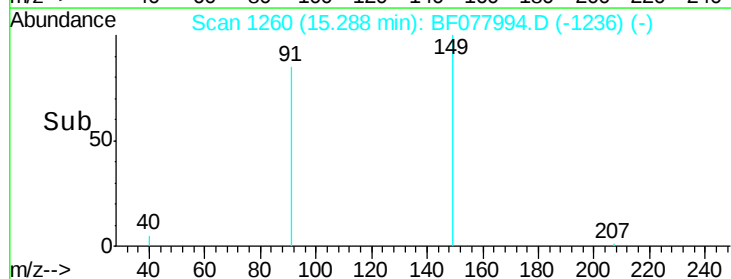
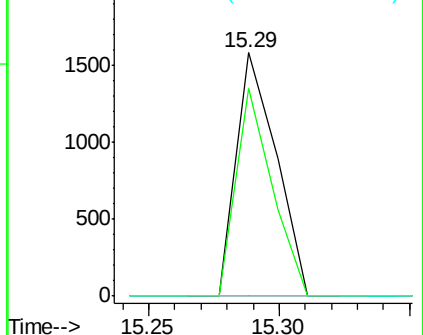


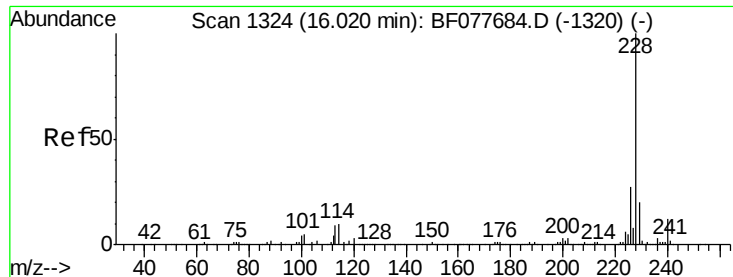
#79
 Butylbenzylphthalate
 Concen: 0.46 ng
 RT: 15.29 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF077994.D
 Acq: 26 Mar 2015 14:42

Tgt Ion:149 Resp: 1694
 Ion Ratio Lower Upper
 149 100
 91 85.3 50.1 75.1#
 206 0.0 16.2 24.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

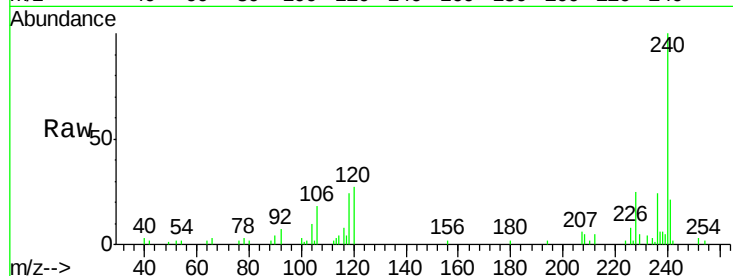




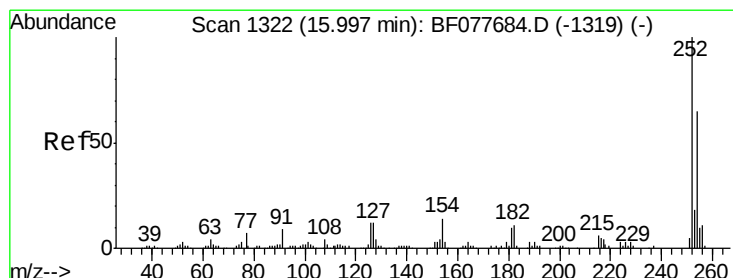
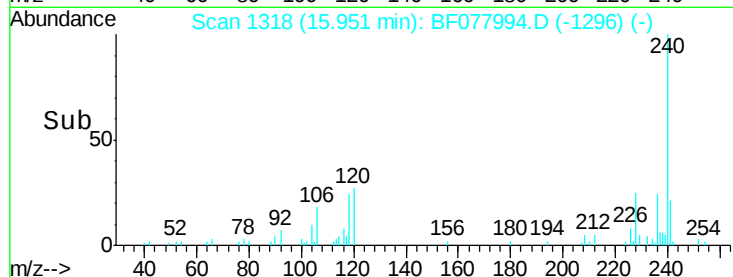
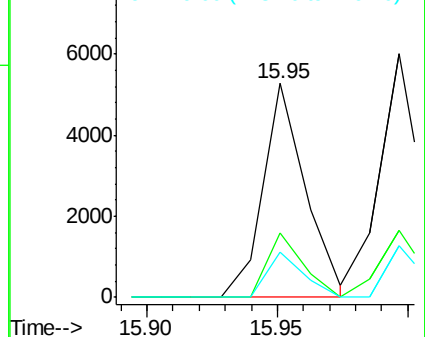
#80
Benzo(a)anthracene
Concen: 0.68 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:228 Resp: 5954
Ion Ratio Lower Upper
228 100
226 30.0 21.7 32.5
229 21.0 16.0 24.0

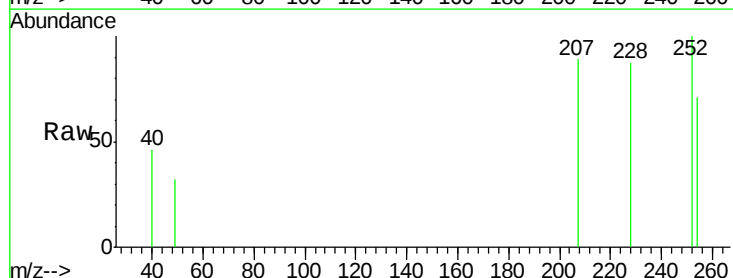


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

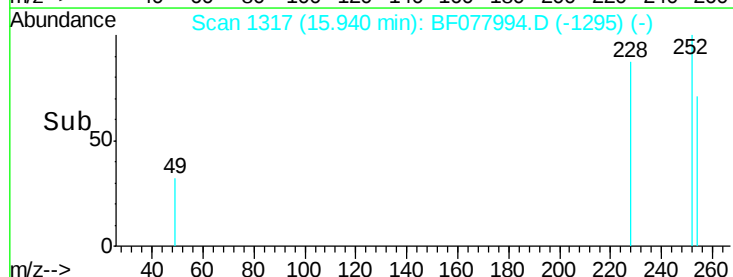
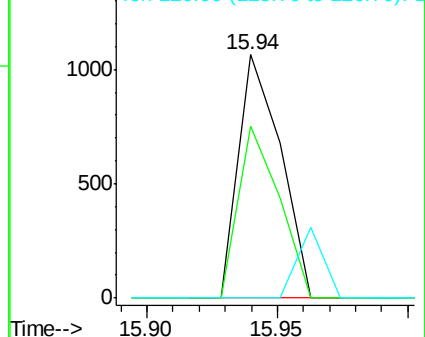


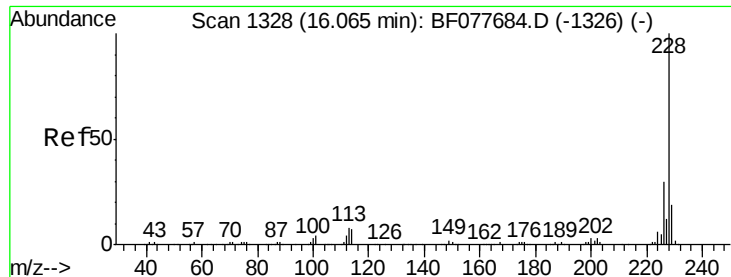
#81
3,3'-Dichlorobenzidine
Concen: 0.41 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.05 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion:252 Resp: 1197
Ion Ratio Lower Upper
252 100
254 70.6 51.9 77.9
126 0.0 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.81 ng

RT: 16.00 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

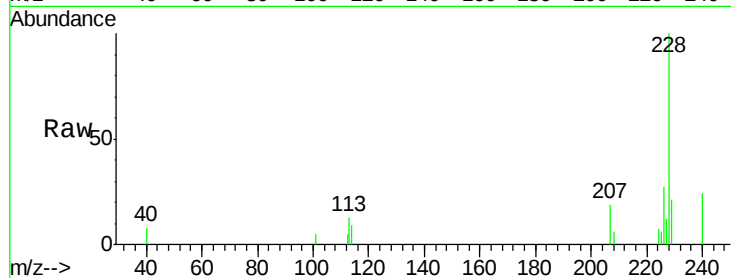
Tgt Ion:228 Resp: 6377

Ion Ratio Lower Upper

228 100

226 27.4 24.1 36.1

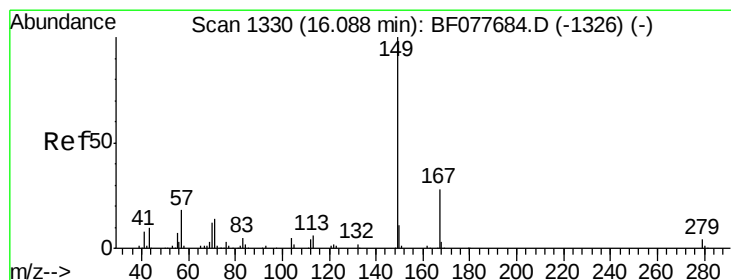
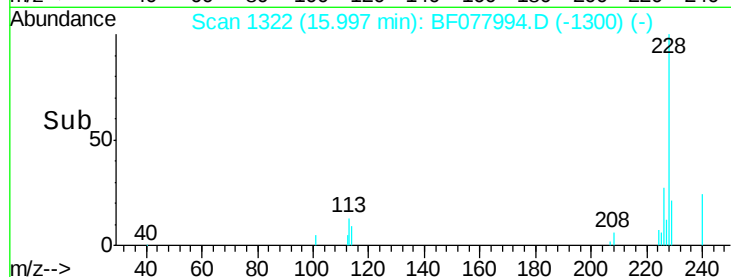
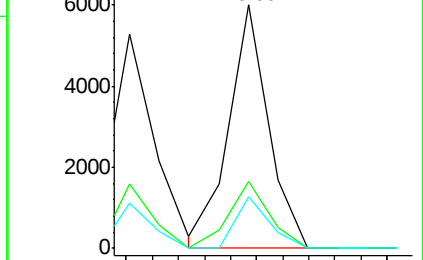
229 21.4 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.44 ng

RT: 16.03 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

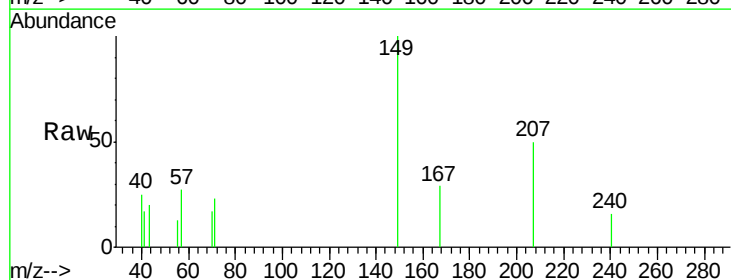
Tgt Ion:149 Resp: 2455

Ion Ratio Lower Upper

149 100

167 29.3 22.4 33.6

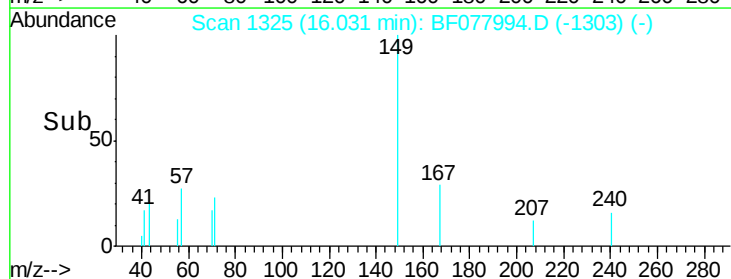
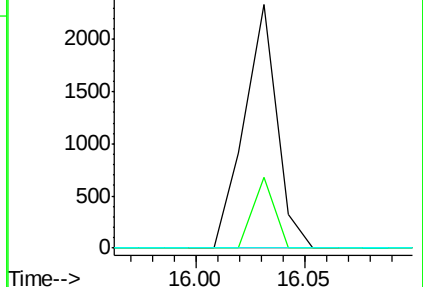
279 0.0 3.4 5.0#

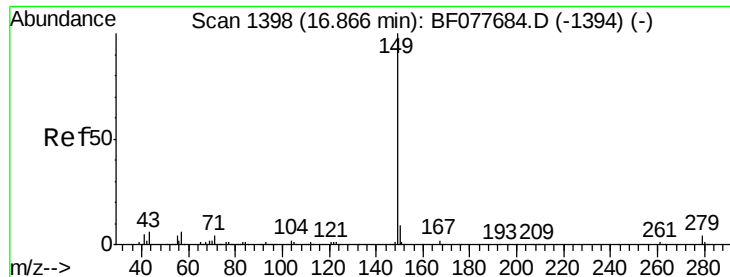


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

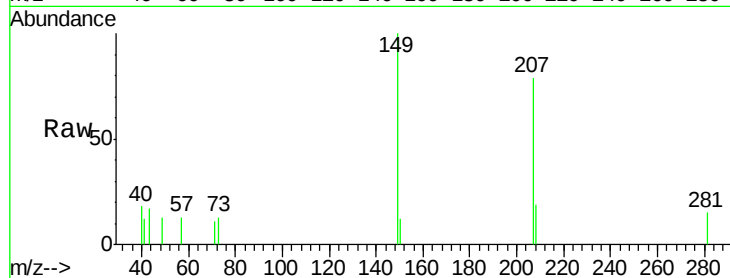




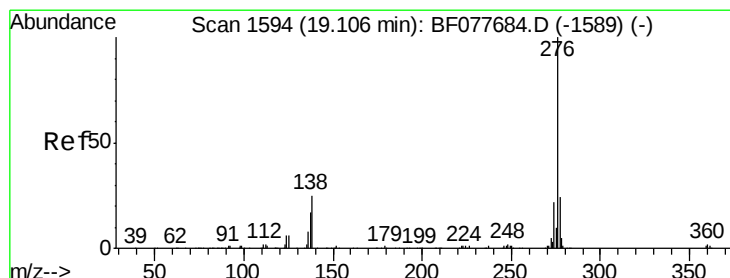
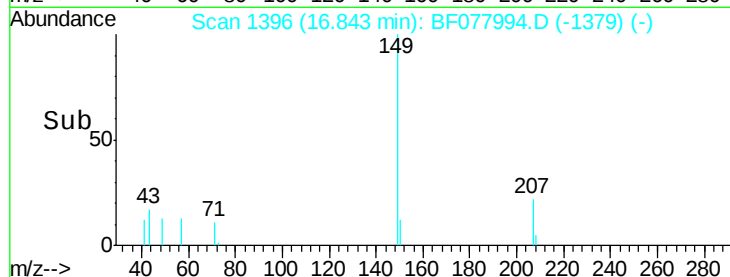
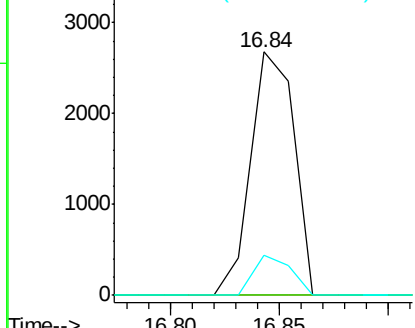
#84
Di-n-octyl phthalate
Concen: 0.39 ng
RT: 16.84 min Scan# 1396
Delta R.T. -0.10 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:149 Resp: 3737
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 14.3 7.3 10.9#

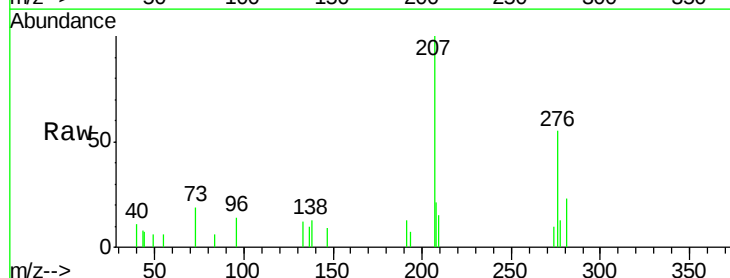


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

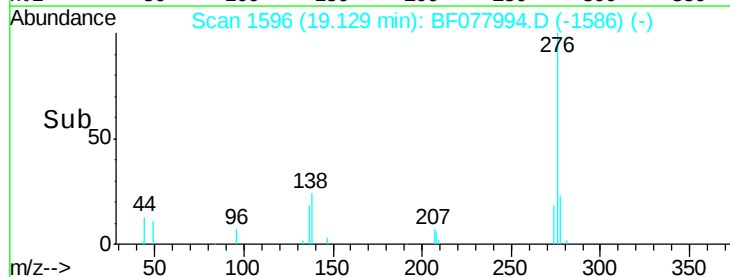
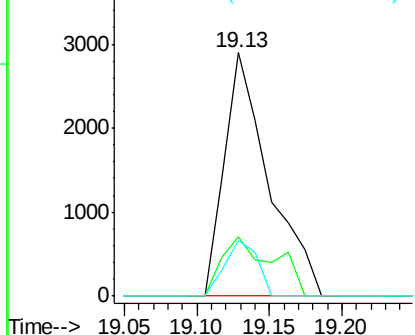


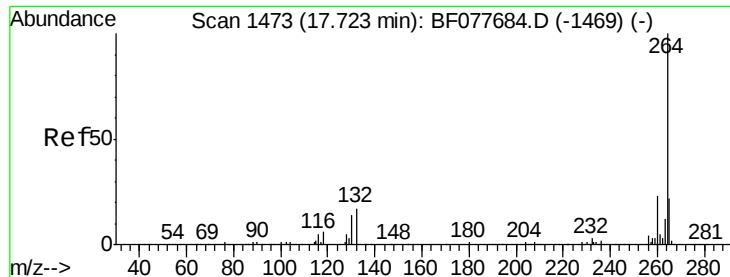
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.62 ng
RT: 19.13 min Scan# 1596
Delta R.T. -0.18 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion:276 Resp: 6129
Ion Ratio Lower Upper
276 100
138 28.3 0.0 0.0#
277 16.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

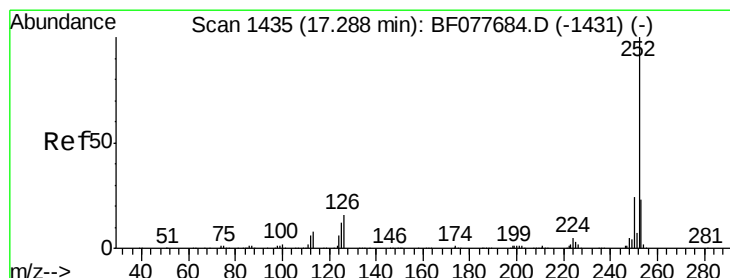
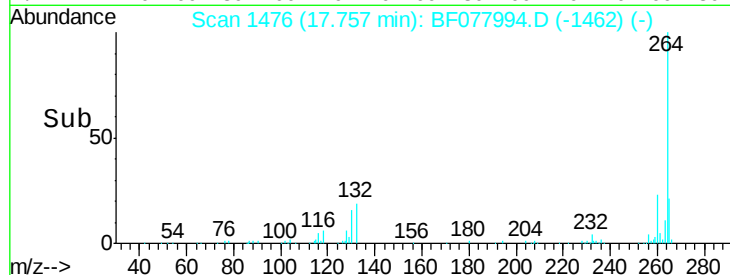
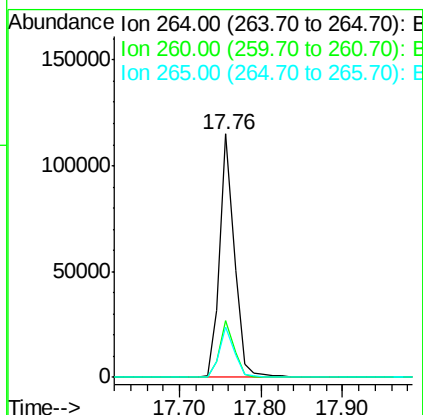
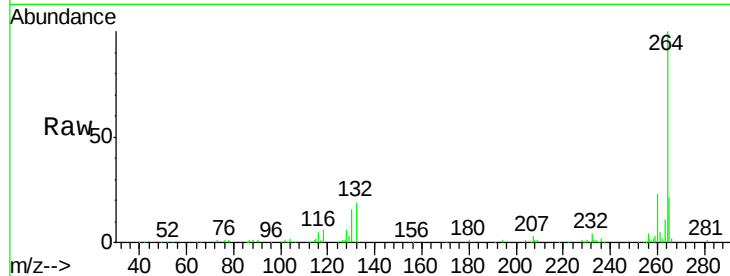




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1476
Delta R.T. -0.14 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

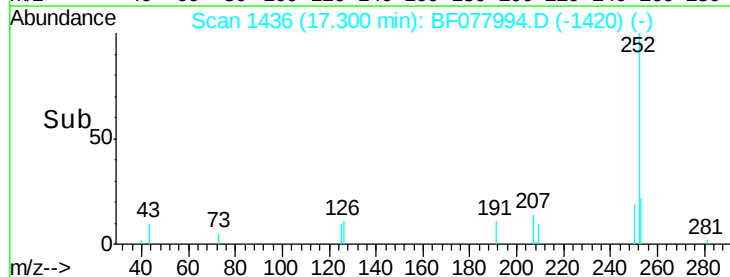
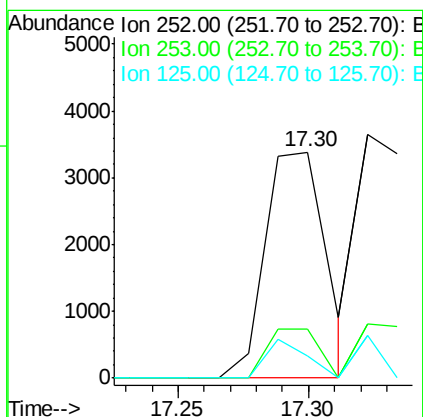
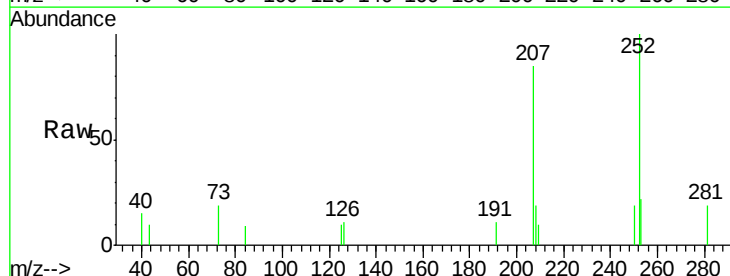
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

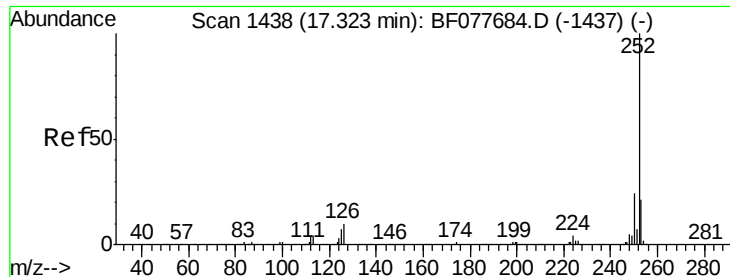
Tgt Ion: 264 Resp: 144062
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 20.7 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 0.58 ng
RT: 17.30 min Scan# 1436
Delta R.T. -0.11 min
Lab File: BF077994.D
Acq: 26 Mar 2015 14:42

Tgt Ion: 252 Resp: 5472
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.6 9.9 14.9#





#88

Benzo(k)fluoranthene

Concen: 0.71 ng m

RT: 17.32 min Scan# 1438

Delta R.T. -0.13 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

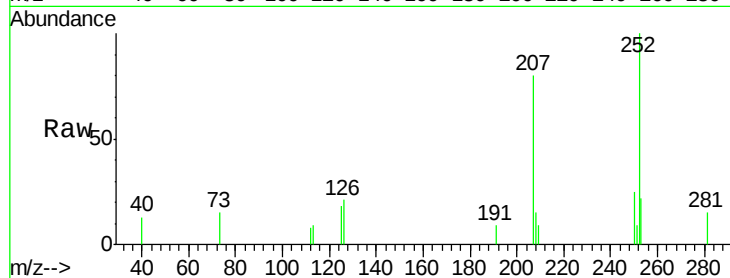
Tgt Ion:252 Resp: 5238

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

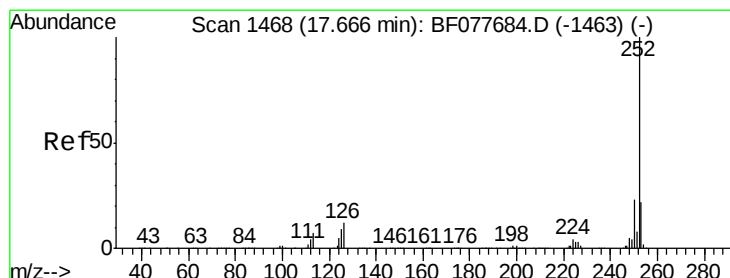
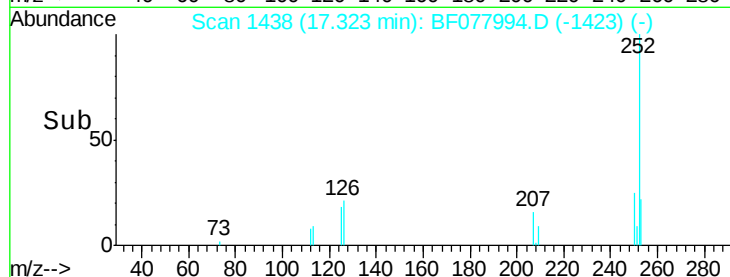
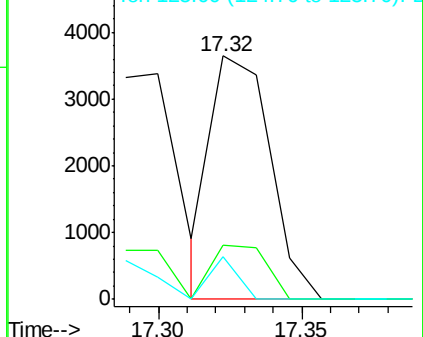
125 17.7 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.63 ng

RT: 17.69 min Scan# 1470

Delta R.T. -0.14 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

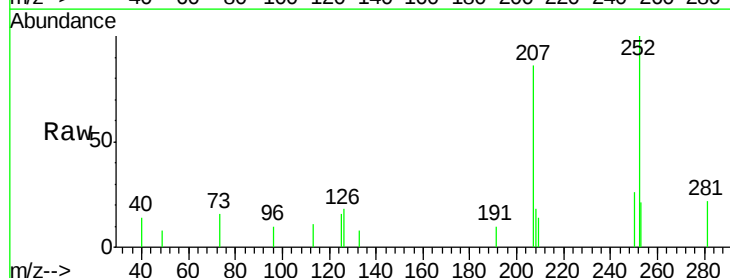
Tgt Ion:252 Resp: 4933

Ion Ratio Lower Upper

252 100

253 20.6 17.6 26.4

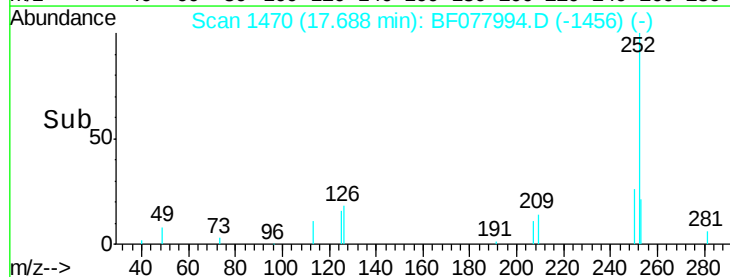
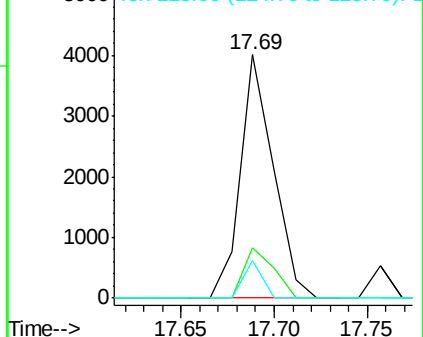
125 15.6 7.4 11.2#

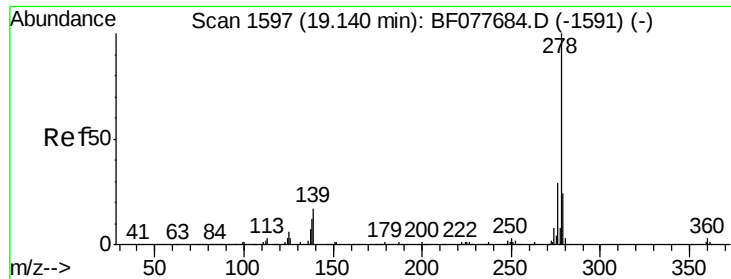


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.56 ng

RT: 19.16 min Scan# 1599

Delta R.T. -0.18 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

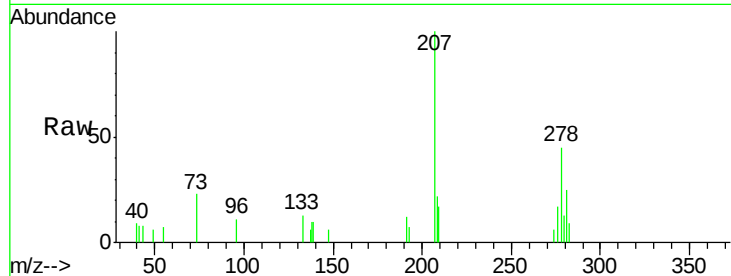
Tgt Ion:278 Resp: 4347

Ion Ratio Lower Upper

278 100

139 22.9 13.4 20.0#

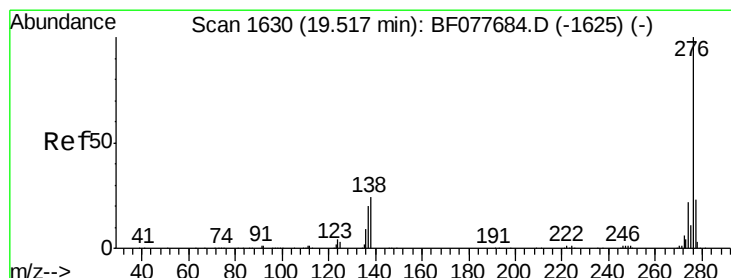
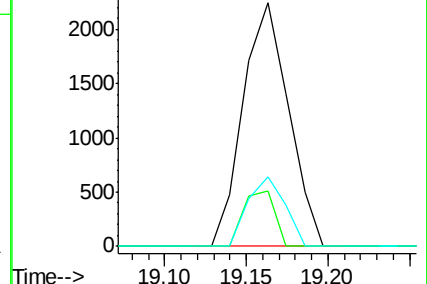
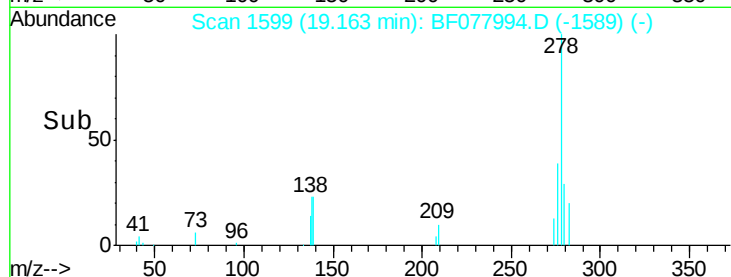
279 28.8 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.64 ng

RT: 19.53 min Scan# 1631

Delta R.T. -0.18 min

Lab File: BF077994.D

Acq: 26 Mar 2015 14:42

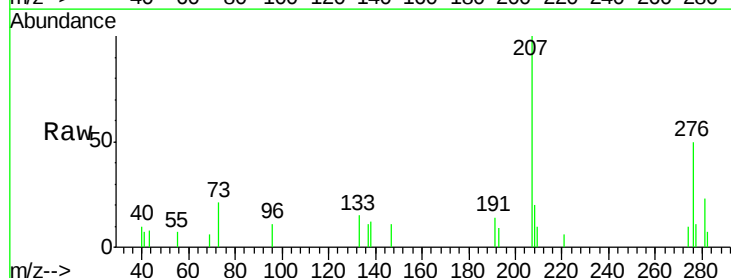
Tgt Ion:276 Resp: 5037

Ion Ratio Lower Upper

276 100

277 21.2 18.5 27.7

138 24.2 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

