

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033115\
 Data File : BF078110.D
 Acq On : 31 Mar 2015 12:53
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-8PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Apr 01 00:13:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	44843	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	191563	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	95554	20.00	ng	0.01
63) Phenanthrene-d10	12.63	188	195730	20.00	ng	0.00
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.89
86) Perylene-d12	0.00	264	0	0.00	ng	-17.61

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	349966	136.22	ng	0.00
7) Phenol-d6	6.64	99	419936	132.30	ng	0.00
23) Nitrobenzene-d5	7.74	82	261152	89.36	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	120449	131.75	ng	0.01
44) 2-Fluorobiphenyl	9.97	172	560343	86.18	ng	0.00
78) Terphenyl-d14	14.64	244	690855	0.00	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	6589	5.65	ng	# 100
3) Pyridine	2.64	79	16521	5.27	ng	# 89
6) Aniline	6.64	93	19308	4.25	ng	# 1
8) 2-Chlorophenol	6.78	128	22549	7.37	ng	94
9) Benzaldehyde	6.49	77	16484	12.68	ng	100
10) Phenol	6.65	94	26587	7.09	ng	98
11) bis(2-Chloroethyl)ether	6.74	93	20438	7.27	ng	89
12) 1,3-Dichlorobenzene	6.97	146	23425	6.89	ng	99
13) 1,4-Dichlorobenzene	7.07	146	23143	6.55	ng	98
14) 1,2-Dichlorobenzene	7.25	146	21993	6.79	ng	98
15) Benzyl Alcohol	7.24	79	20352	8.21	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.41	45	26700	7.05	ng	94
17) 2-Methylphenol	7.40	107	16672	6.70	ng	97
18) Hexachloroethane	7.66	117	8017	6.92	ng	99
19) n-Nitroso-di-n-propylamine	7.57	70	14833	6.76	ng	# 92
20) 3+4-Methylphenols	7.60	107	22447	6.87	ng	98
22) Acetophenone	7.56	105	29271	6.90	ng	# 92
24) Nitrobenzene	7.77	77	22029	7.00	ng	# 85
25) Isophorone	8.06	82	39551	6.70	ng	96
26) 2-Nitrophenol	8.16	139	9084	5.89	ng	# 68
27) 2,4-Dimethylphenol	8.24	122	18797	6.69	ng	93
28) bis(2-Chloroethoxy)methane	8.35	93	24858	6.94	ng	99
29) 2,4-Dichlorophenol	8.46	162	18166	6.79	ng	94
30) 1,2,4-Trichlorobenzene	8.56	180	19724	6.59	ng	98
31) Naphthalene	8.65	128	67240	6.83	ng	99
32) Benzoic acid	8.33	122	5293	6.25	ng	93
33) 4-Chloroaniline	8.74	127	19827	4.97	ng	97
34) Hexachlorobutadiene	8.81	225	11688	6.89	ng	99
35) Caprolactam	9.14	113	5102	6.52	ng	91
36) 4-Chloro-3-methylphenol	9.36	107	18589	6.90	ng	96
37) 2-Methylnaphthalene	9.50	142	45034	6.81	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	19498	6.84	ng	# 100
40) Hexachlorocyclopentadiene	9.70	237	5492	6.86	ng	97
42) 2,4,6-Trichlorophenol	9.87	196	12010	6.08	ng	95

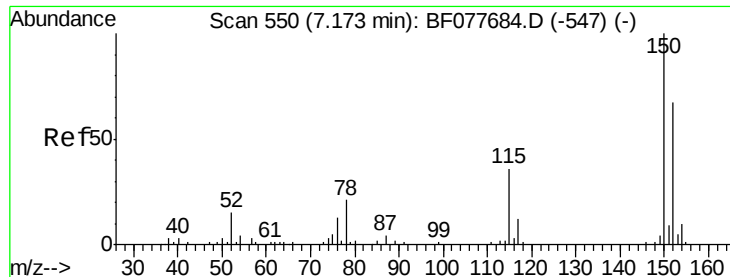
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033115\
 Data File : BF078110.D
 Acq On : 31 Mar 2015 12:53
 Operator : TP/IZ
 Sample : G1614-03
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Quant Time: Apr 01 00:13:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.92	196	13907	6.52	ng	# 90
45) 1,1'-Biphenyl	10.09	154	54973	7.20	ng	97
46) 2-Chloronaphthalene	10.11	162	43051	6.94	ng	98
47) 2-Nitroaniline	10.25	65	10209	6.62	ng	97
48) Acenaphthylene	10.61	152	69892	6.77	ng	98
49) Dimethylphthalate	10.49	163	51539	7.27	ng	99
50) 2,6-Dinitrotoluene	10.56	165	10604	7.22	ng	90
51) Acenaphthene	10.83	154	41299	6.98	ng	99
52) 3-Nitroaniline	10.76	138	11176	6.55	ng	99
53) 2,4-Dinitrophenol	10.90	184	793	9.38	ng	# 81
54) Dibenzofuran	11.05	168	65263	7.43	ng	98
55) 4-Nitrophenol	11.00	139	6647	5.26	ng	89
56) 2,4-Dinitrotoluene	11.05	165	13520	7.06	ng	97
57) Fluorene	11.47	166	52064	7.14	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.21	232	11299	6.88	ng	# 100
59) Diethylphthalate	11.36	149	51713	7.49	ng	96
60) 4-Chlorophenyl-phenylether	11.48	204	24770	7.45	ng	93
61) 4-Nitroaniline	11.50	138	11256	6.62	ng	# 72
62) Azobenzene	11.68	77	47468	7.19	ng	95
64) 4,6-Dinitro-2-methylphenol	11.55	198	3210	7.46	ng	93
65) n-Nitrosodiphenylamine	11.63	169	46298	7.10	ng	97
66) 4-Bromophenyl-phenylether	12.09	248	15053	7.21	ng	96
67) Hexachlorobenzene	12.14	284	16031	6.98	ng	95
68) Atrazine	12.31	200	13660	7.48	ng	93
69) Pentachlorophenol	12.41	266	3375	5.78	ng	93
70) Phenanthrene	12.66	178	76118	6.77	ng	99
71) Anthracene	12.72	178	78555	7.08	ng	99
72) Carbazole	12.93	167	74282	7.03	ng	98
73) Di-n-butylphthalate	13.39	149	78110	6.60	ng	99
74) Fluoranthene	14.13	202	81284	6.56	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

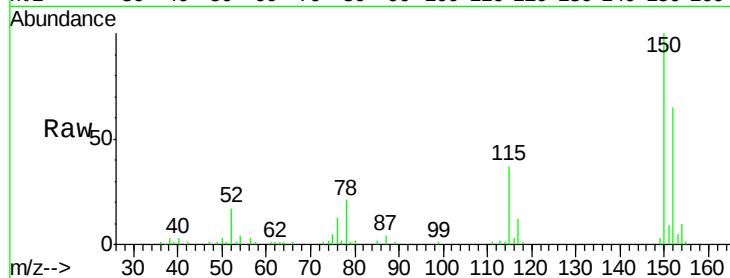
Tgt Ion:152 Resp: 44843

Ion Ratio Lower Upper

152 100

150 154.6 119.5 179.3

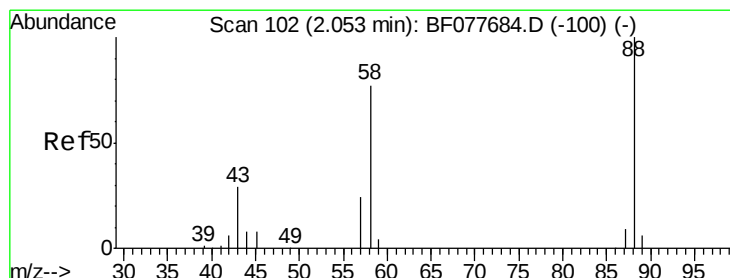
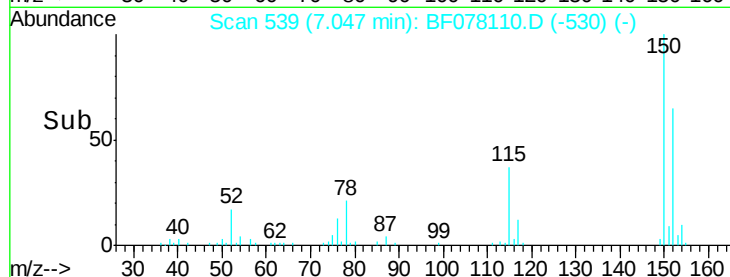
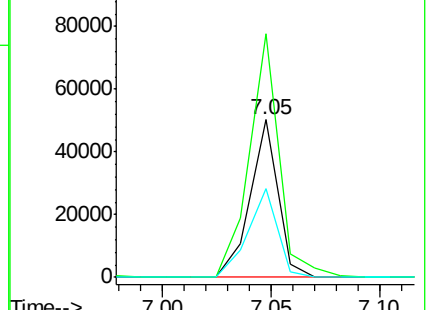
115 56.7 43.0 64.4



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



#2

1,4-Dioxane

Concen: 5.65 ng

RT: 1.93 min Scan# 91

Delta R.T. 0.03 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

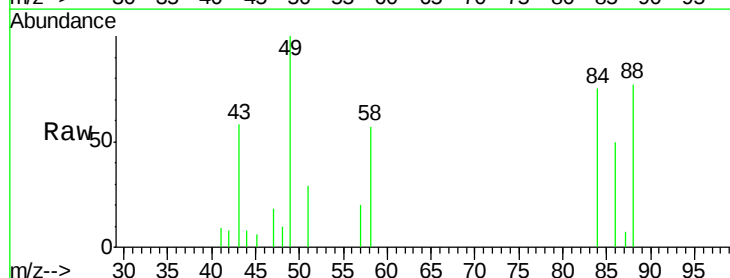
Tgt Ion: 88 Resp: 6589

Ion Ratio Lower Upper

88 100

58 64.2 0.0 0.0#

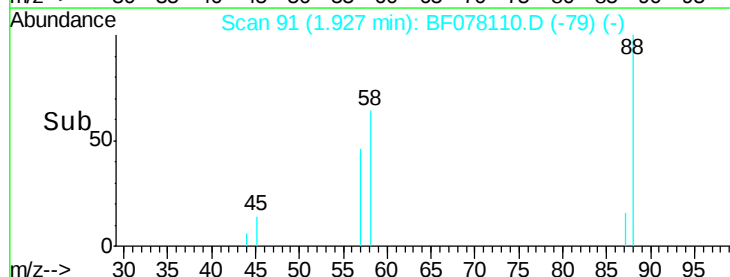
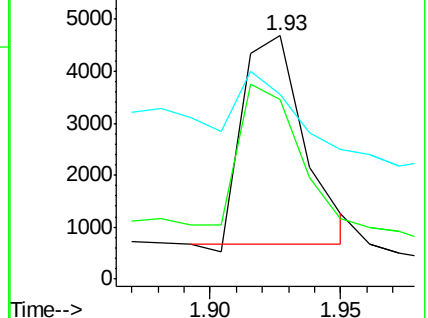
43 30.0 0.0 0.0#

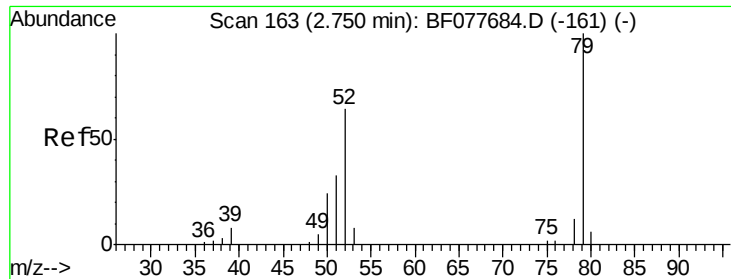


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 5.27 ng

RT: 2.64 min Scan# 153

Delta R.T. 0.10 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

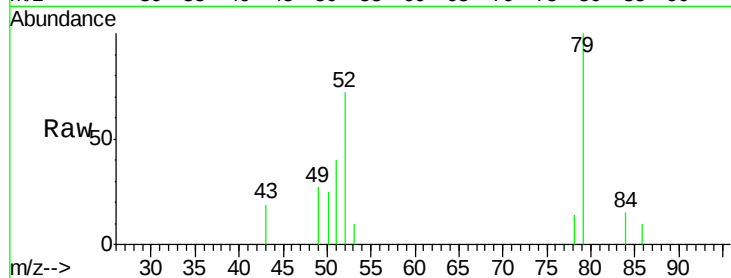
Tgt Ion: 79 Resp: 16521

Ion Ratio Lower Upper

79 100

52 72.1 51.1 76.7

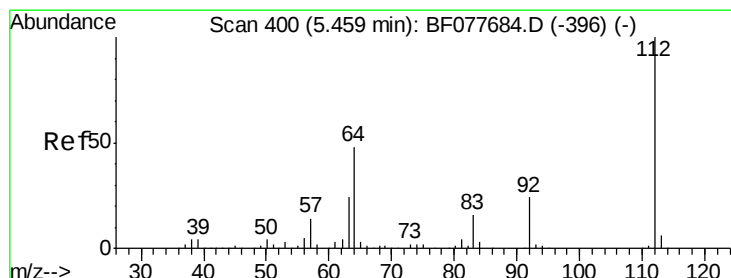
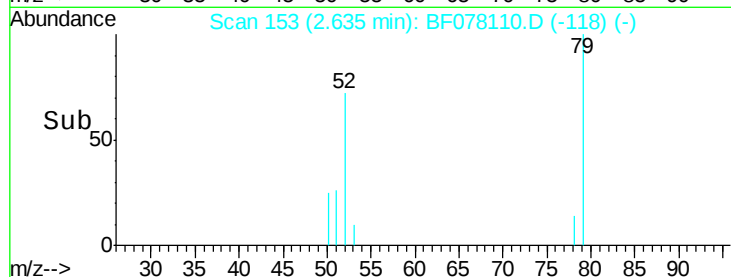
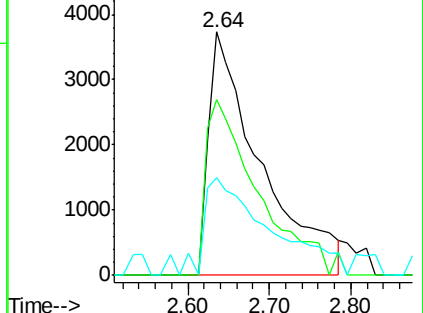
51 40.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#5

2-Fluorophenol

Concen: 136.22 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

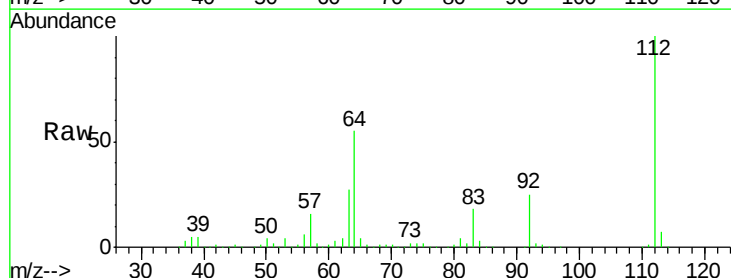
Tgt Ion: 112 Resp: 349966

Ion Ratio Lower Upper

112 100

64 55.0 38.6 57.8

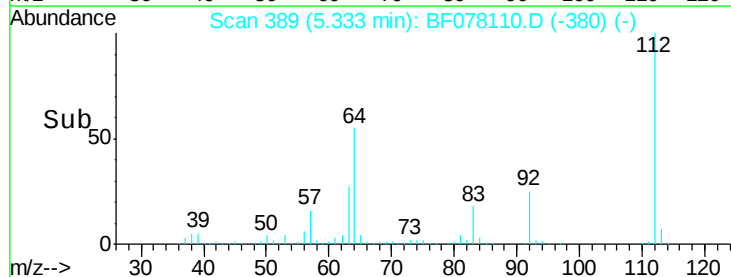
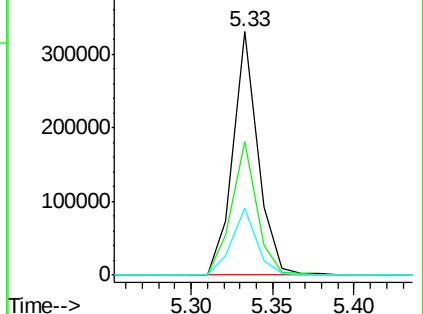
63 27.4 19.3 28.9

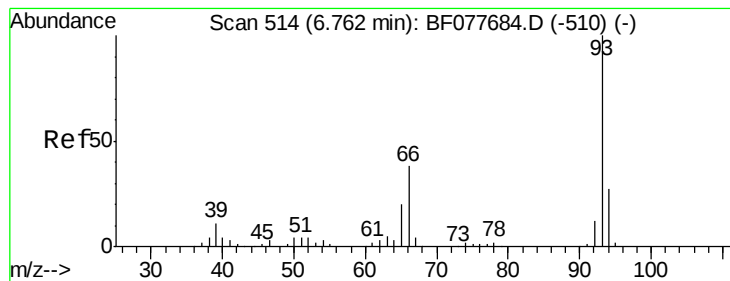


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 4.25 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

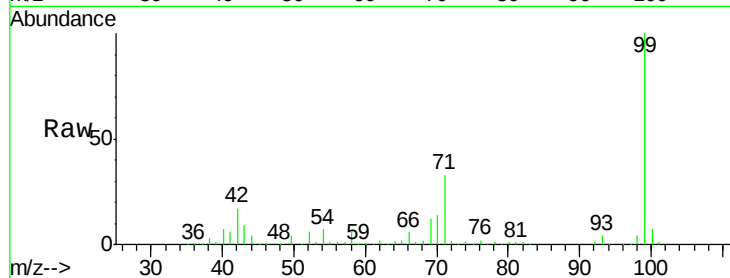
Tgt Ion: 93 Resp: 19308

Ion Ratio Lower Upper

93 100

66 140.2 30.8 46.2#

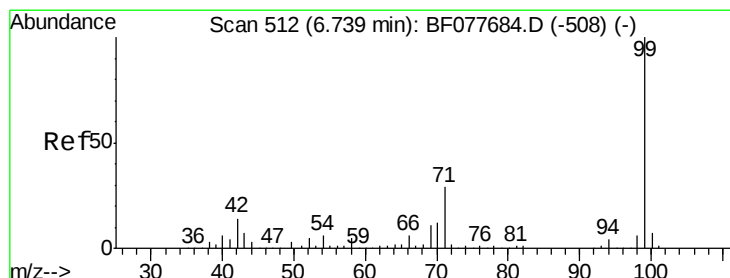
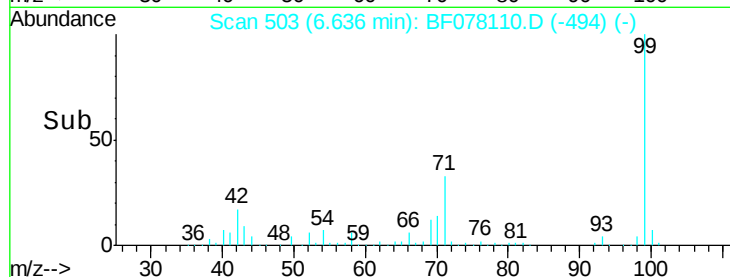
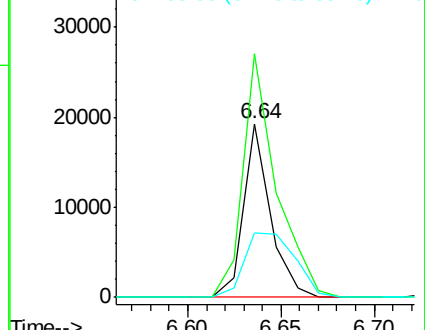
65 37.1 16.0 24.0#



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: 132.30 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

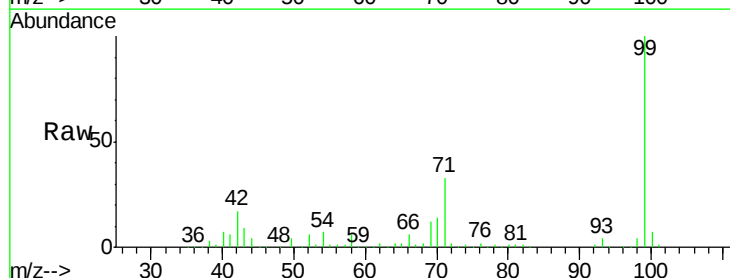
Tgt Ion: 99 Resp: 419936

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

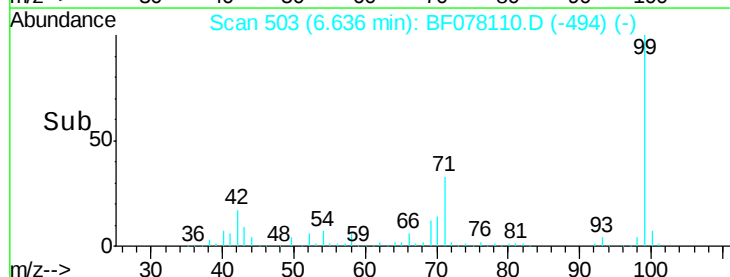
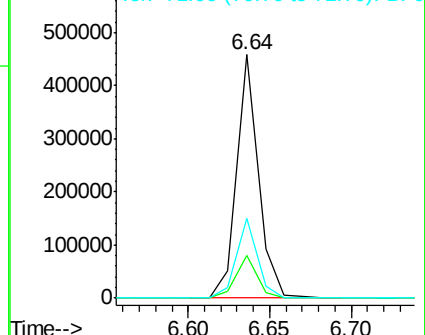
71 33.0 23.4 35.2

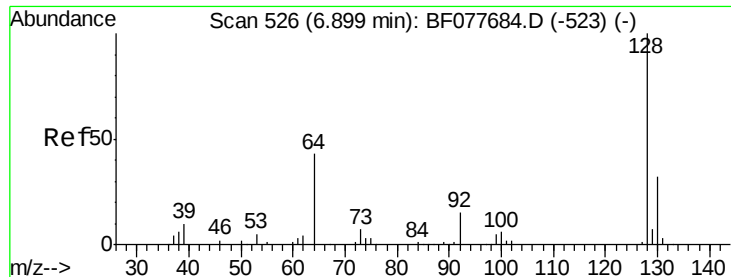


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

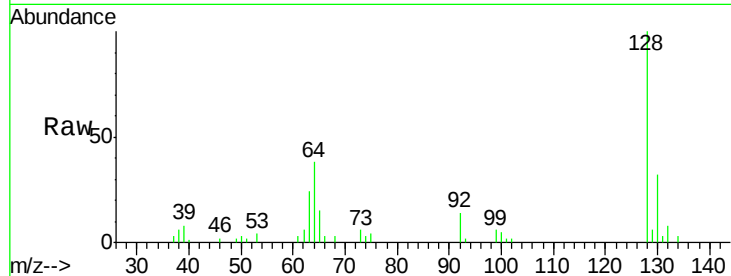




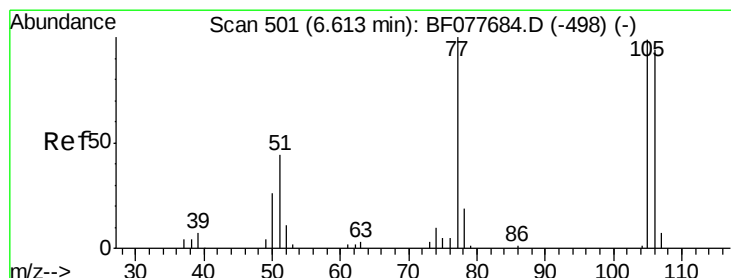
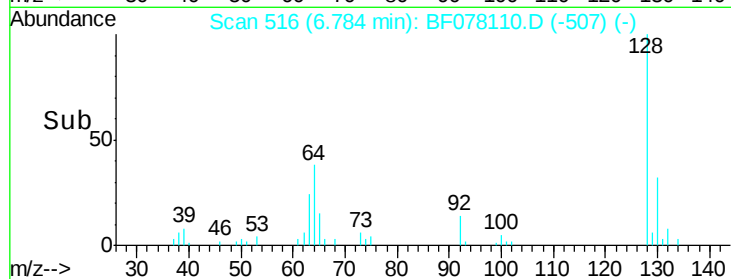
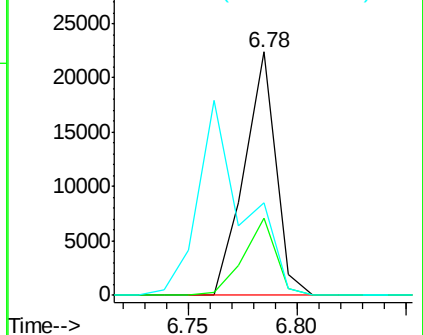
#8
 2-Chlorophenol
 Concen: 7.37 ng
 RT: 6.78 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 128 Resp: 22549
 Ion Ratio Lower Upper
 128 100
 130 31.9 12.0 52.0
 64 38.0 24.9 64.9

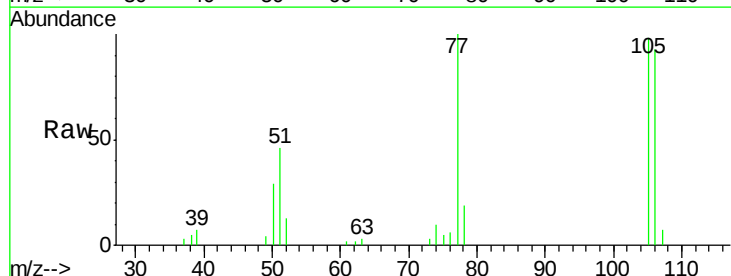


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 64.00 (63.70 to 64.70): BF0

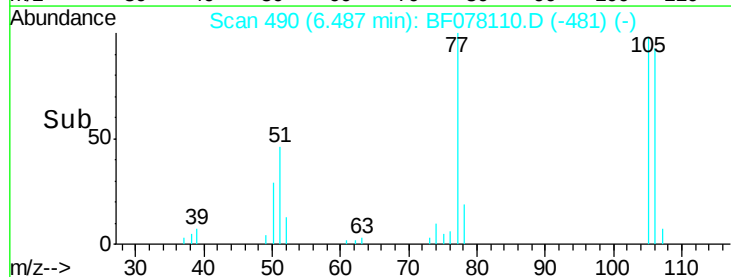
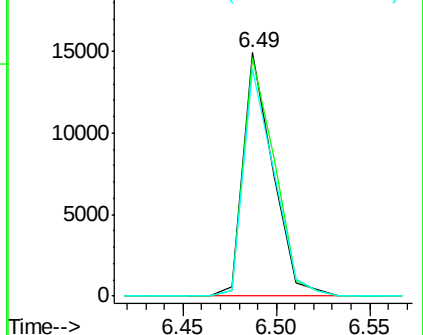


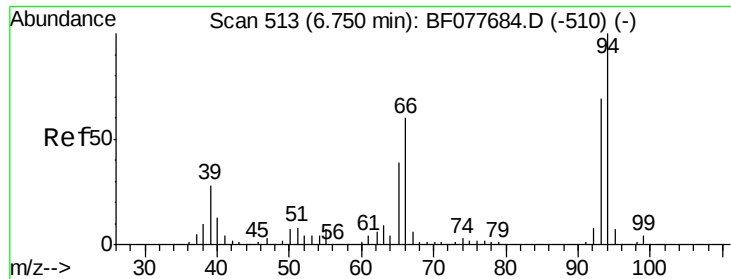
#9
 Benzaldehyde
 Concen: 12.68 ng
 RT: 6.49 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion: 77 Resp: 16484
 Ion Ratio Lower Upper
 77 100
 105 98.2 78.8 118.8
 106 93.4 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: 7.09 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

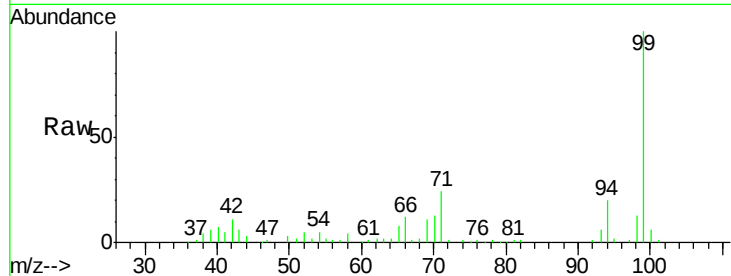
Tgt Ion: 94 Resp: 26587

Ion Ratio Lower Upper

94 100

65 37.1 18.8 58.8

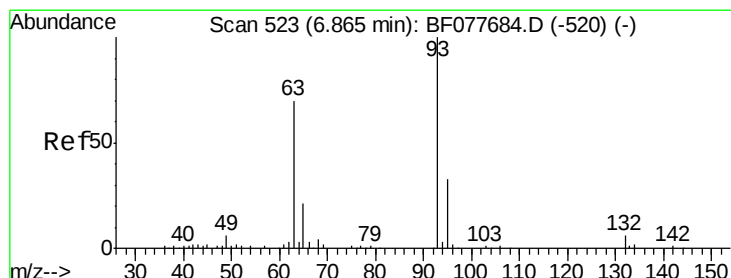
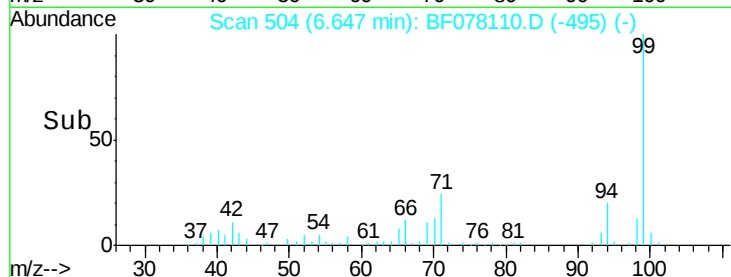
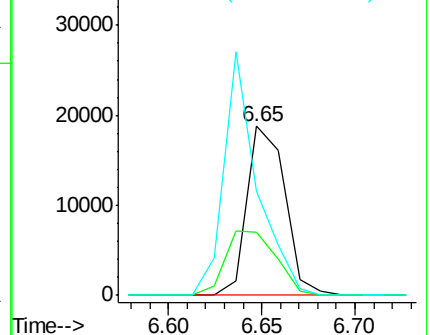
66 61.3 39.9 79.9



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: 7.27 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

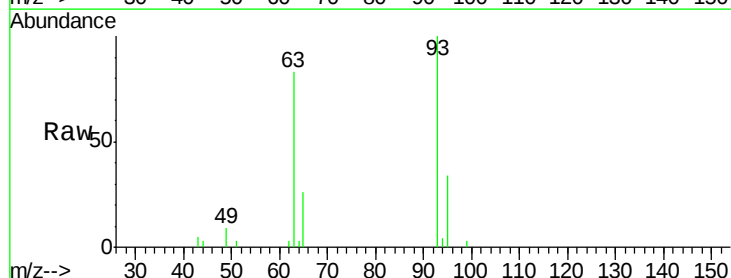
Tgt Ion: 93 Resp: 20438

Ion Ratio Lower Upper

93 100

63 82.6 49.5 89.5

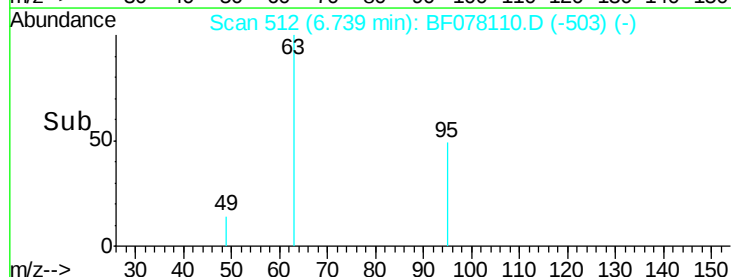
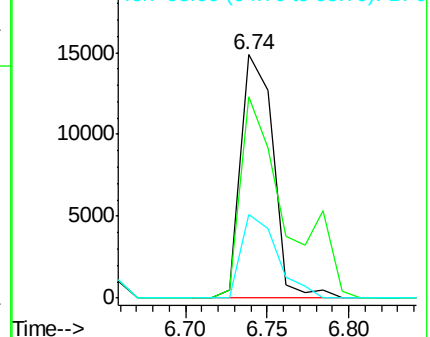
95 34.3 13.5 53.5

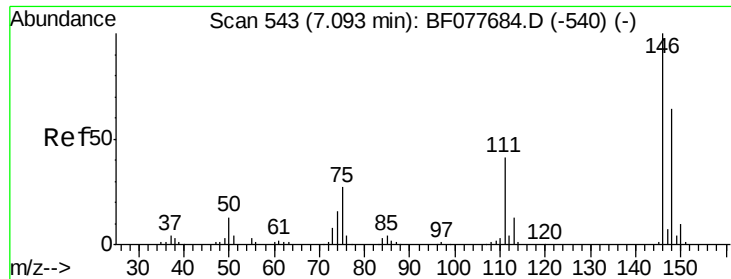


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

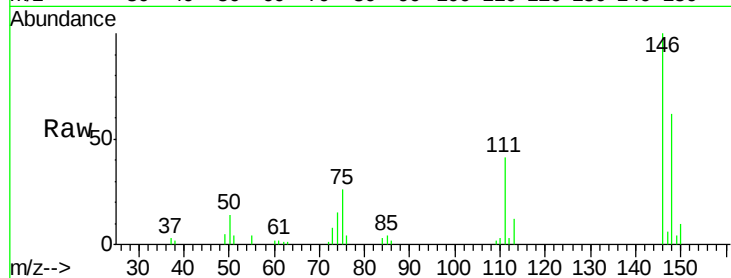




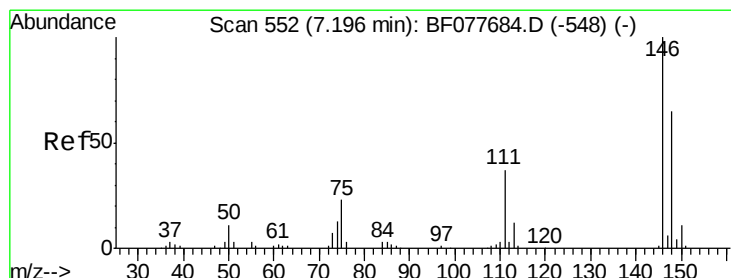
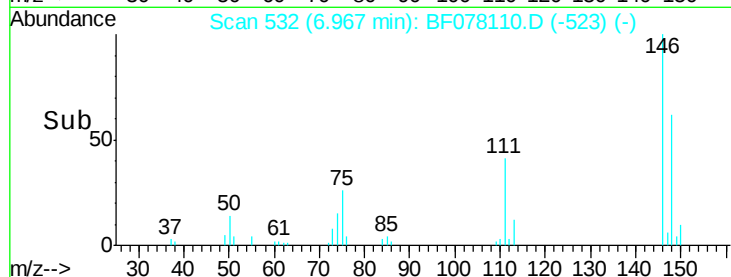
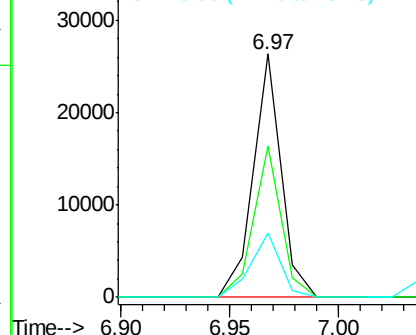
#12
 1,3-Dichlorobenzene
 Concen: 6.89 ng
 RT: 6.97 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.9	76.3
75	26.3	21.4	32.2

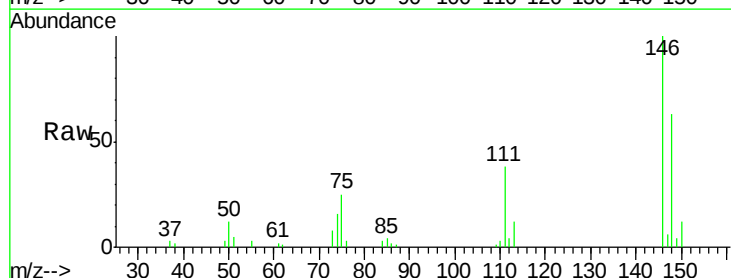


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

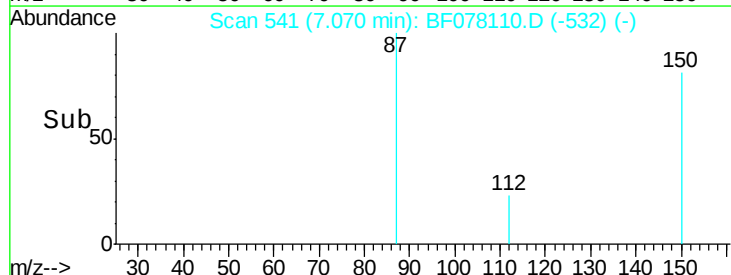
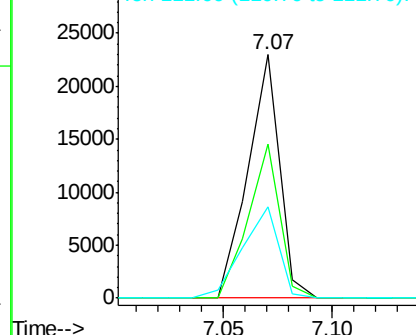


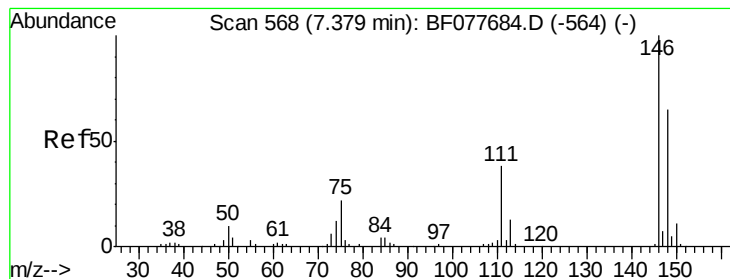
#13
 1,4-Dichlorobenzene
 Concen: 6.55 ng
 RT: 7.07 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
111	37.5	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: 6.79 ng

RT: 7.25 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

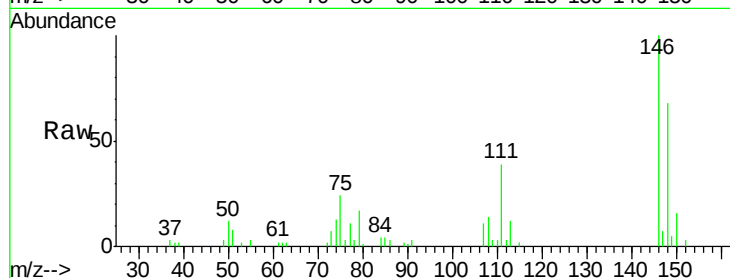
Tgt Ion:146 Resp: 21993

Ion Ratio Lower Upper

146 100

148 67.8 52.3 78.5

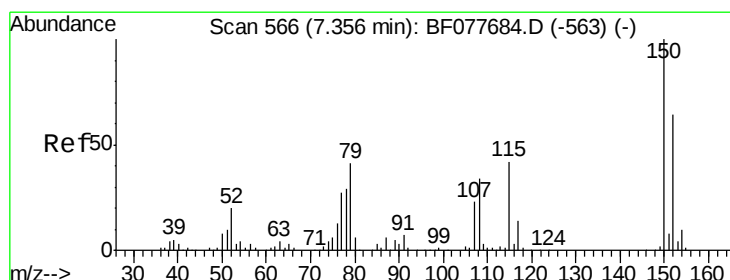
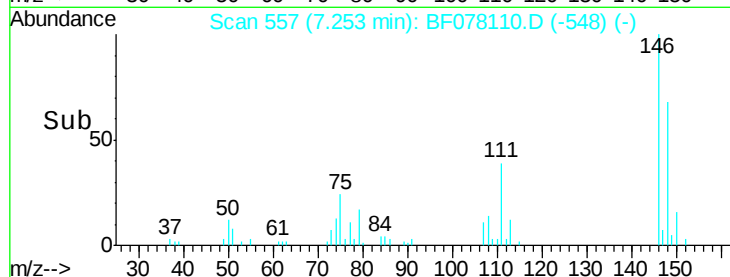
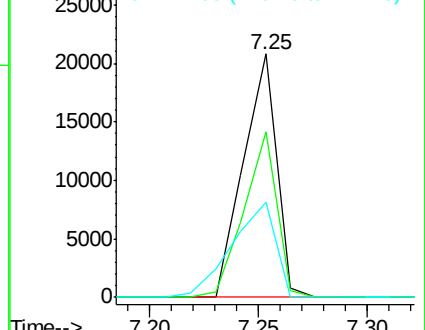
111 39.1 30.6 45.8



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



#15

Benzyl Alcohol

Concen: 8.21 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

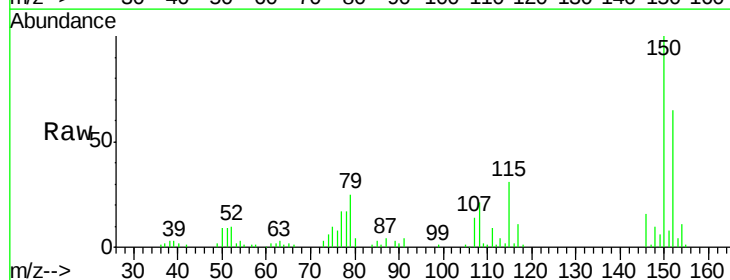
Tgt Ion: 79 Resp: 20352

Ion Ratio Lower Upper

79 100

108 84.2 65.0 97.4

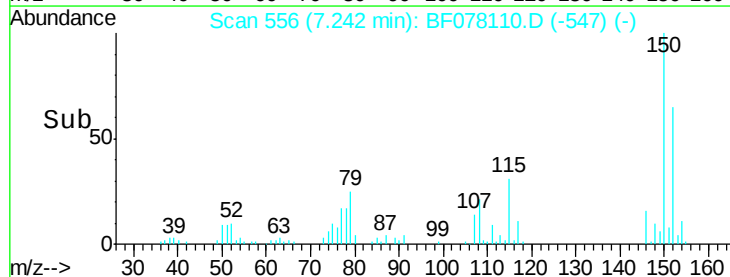
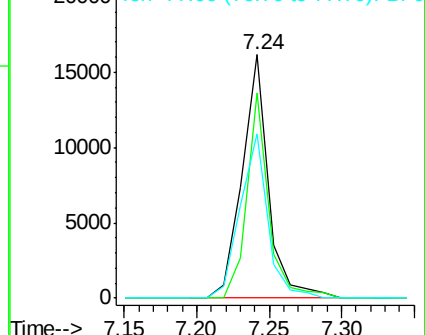
77 67.6 53.0 79.6

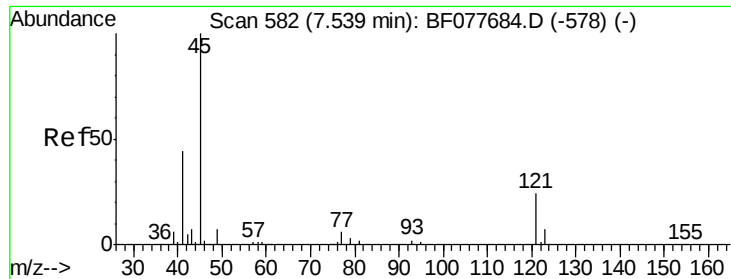


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

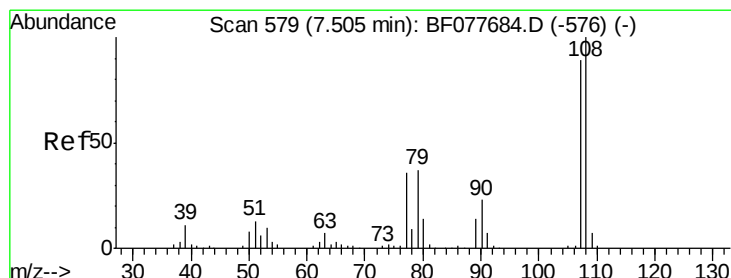
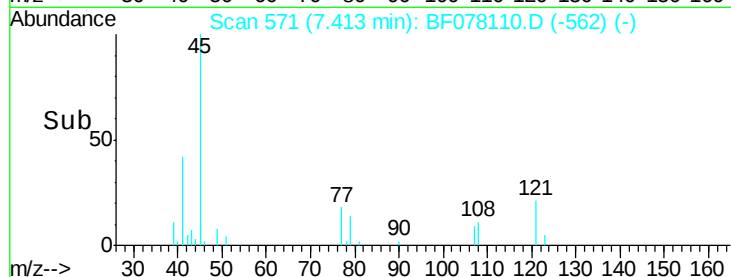
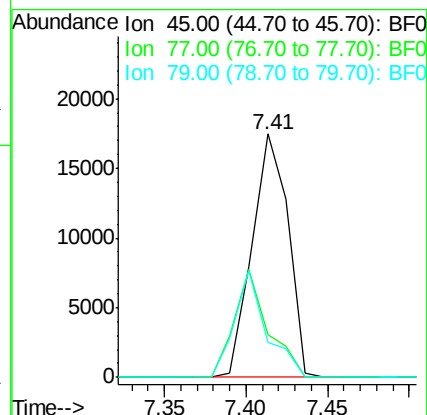
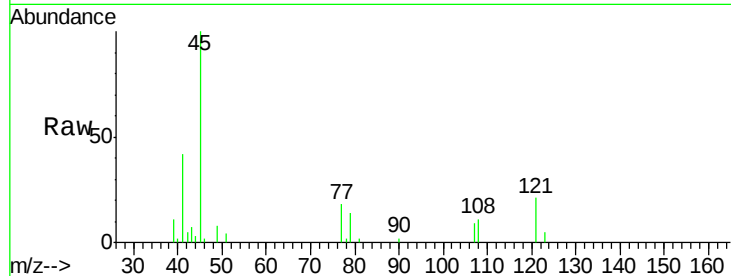




#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.05 ng
RT: 7.41 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

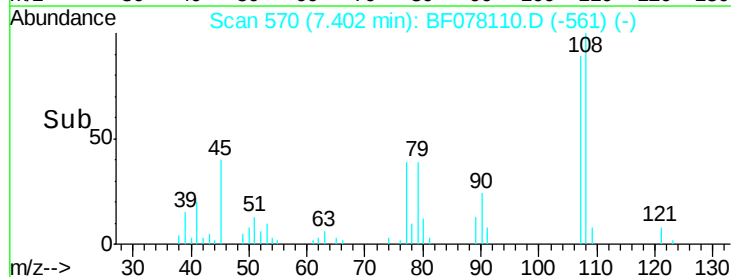
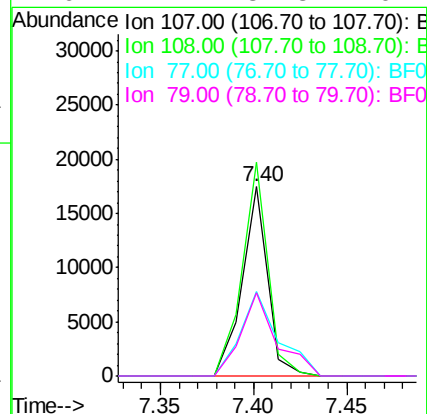
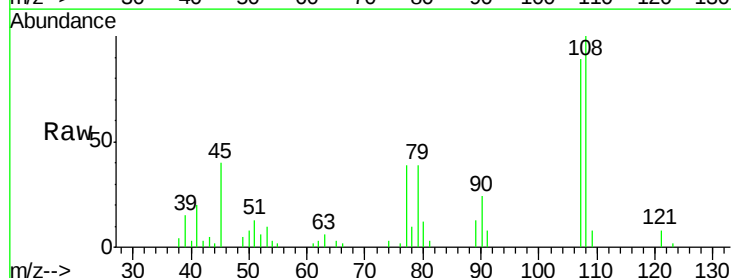
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

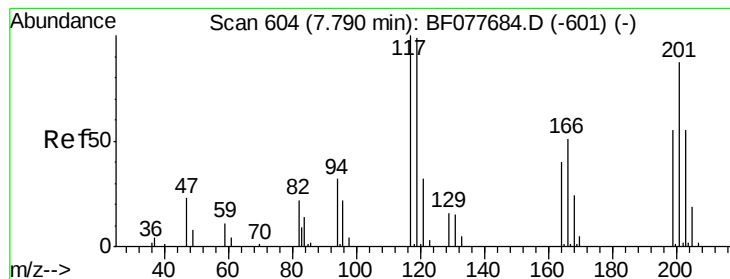
Tgt Ion: 45 Resp: 26700
Ion Ratio Lower Upper
45 100
77 17.6 0.0 35.2
79 14.4 0.0 32.0



#17
2-Methylphenol
Concen: 6.70 ng
RT: 7.40 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion: 107 Resp: 16672
Ion Ratio Lower Upper
107 100
108 113.0 89.8 134.8
77 44.5 32.6 48.8
79 44.1 32.8 49.2





#18

Hexachloroethane

Concen: 6.92 ng

RT: 7.66 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

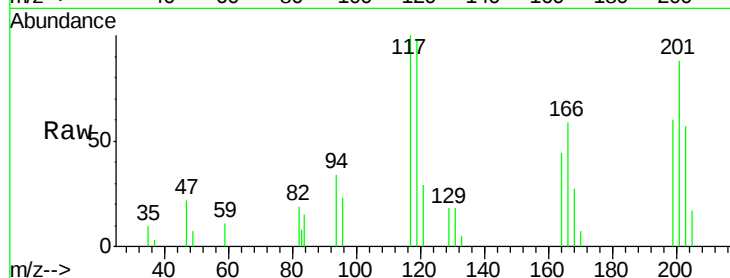
Tgt Ion: 117 Resp: 8017

Ion Ratio Lower Upper

117 100

119 97.7 79.2 118.8

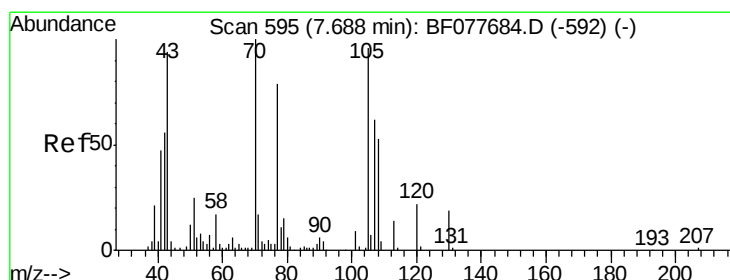
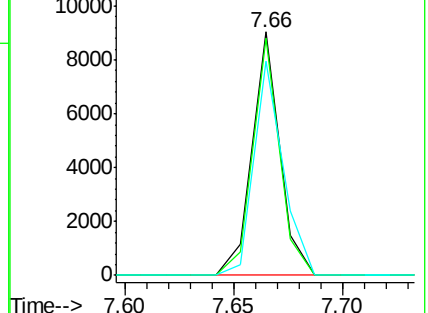
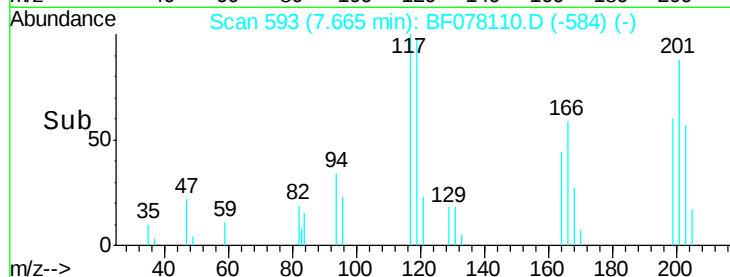
201 87.8 69.8 104.6



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: 6.76 ng

RT: 7.57 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Tgt Ion: 70 Resp: 14833

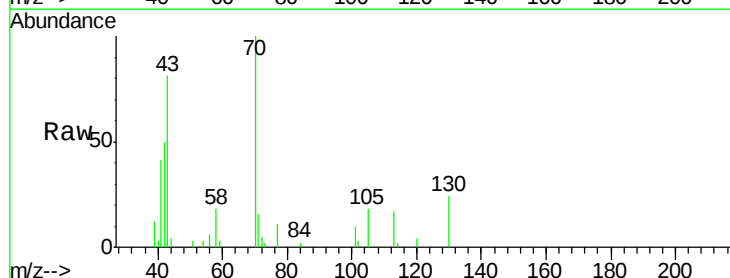
Ion Ratio Lower Upper

70 100

42 50.2 44.5 66.7

101 10.3 7.4 11.2

130 23.6 15.3 22.9#

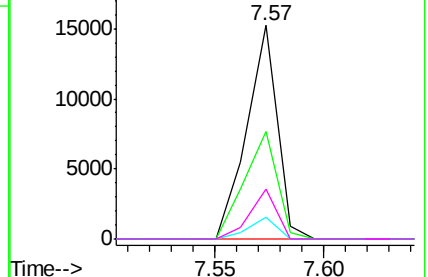
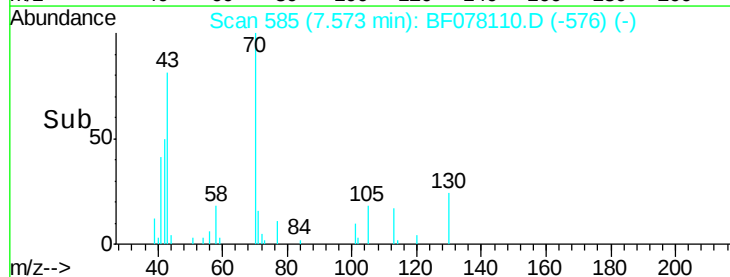


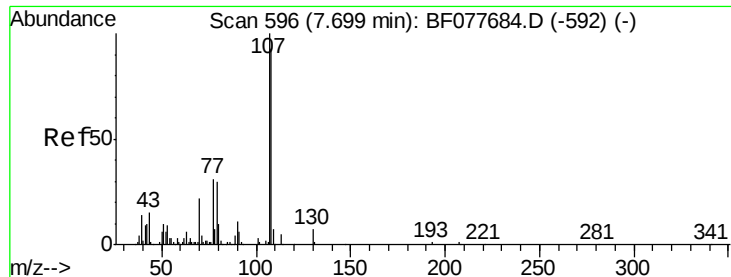
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

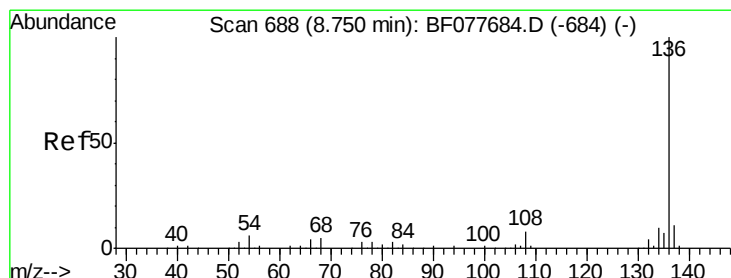
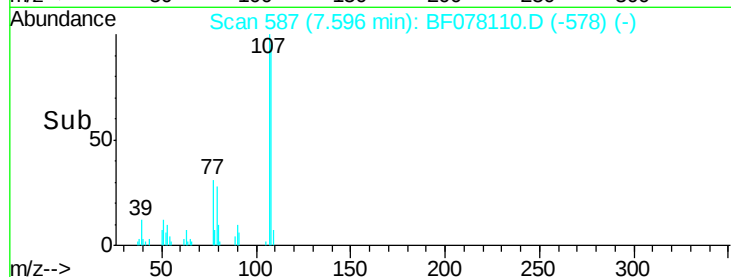
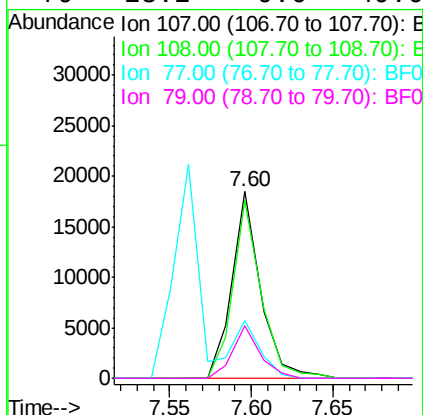
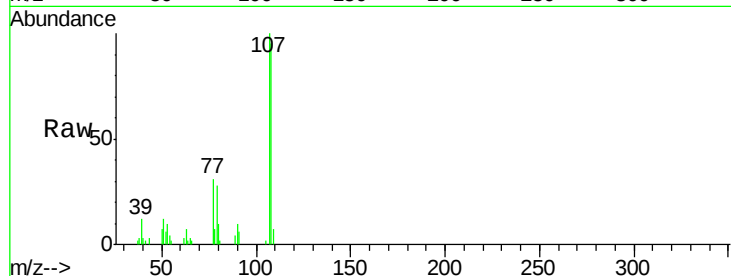




#20
 3+4-Methylphenols
 Concen: 6.87 ng
 RT: 7.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

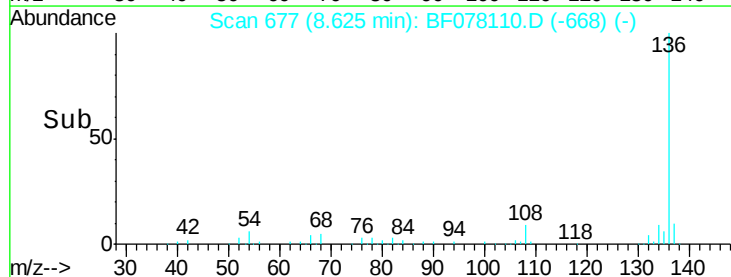
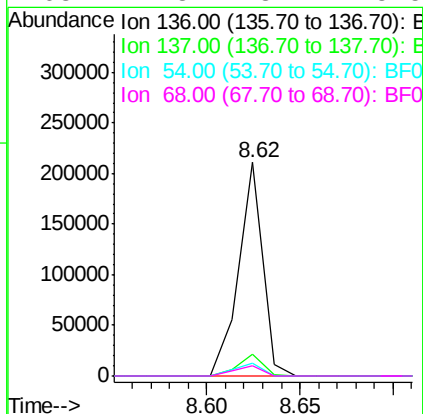
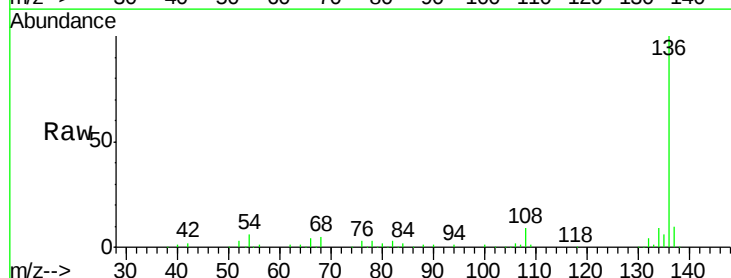
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

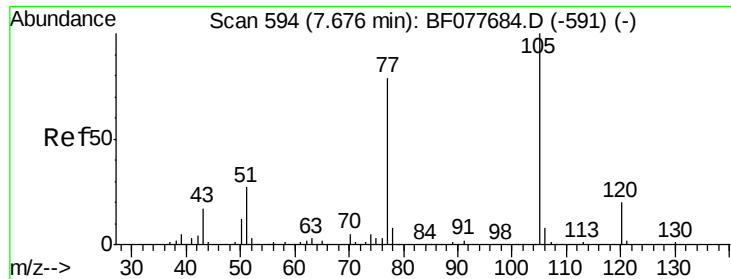
Tgt Ion:	107	Resp:	22447
Ion	Ratio	Lower	Upper
107	100		
108	95.1	73.2	113.2
77	30.7	10.7	50.7
79	28.2	9.6	49.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion:	136	Resp:	191563
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.9	4.6	6.8
68	4.8	3.7	5.5

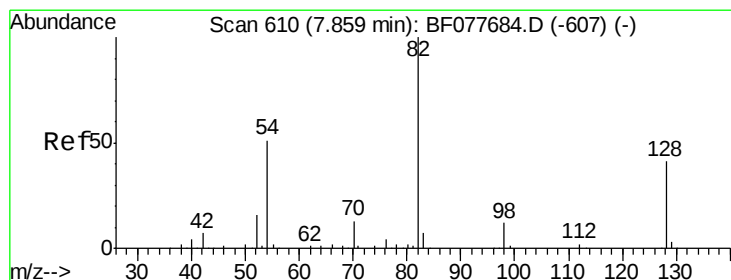
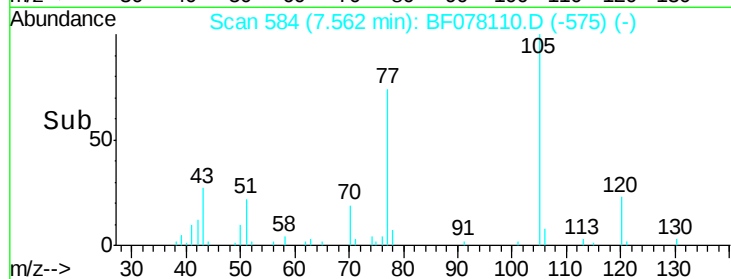
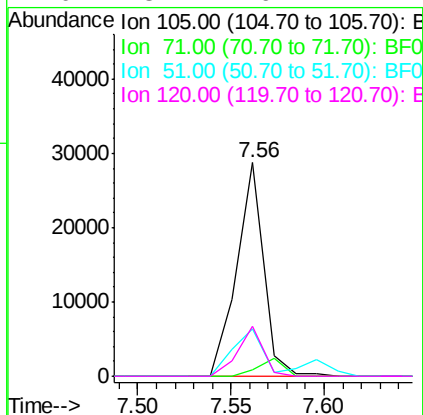
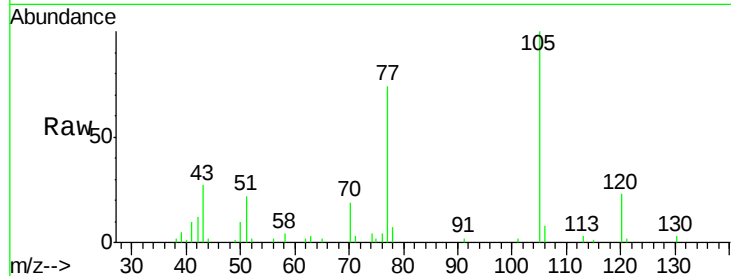




#22
 Acetophenone
 Concen: 6.90 ng
 RT: 7.56 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

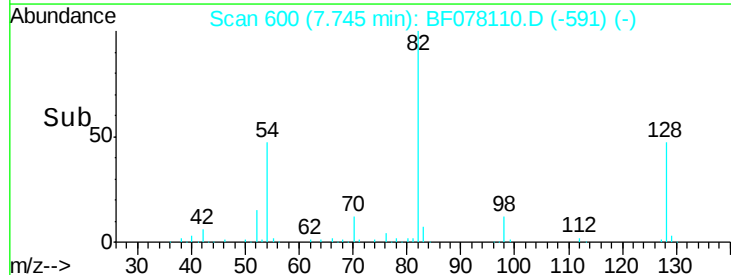
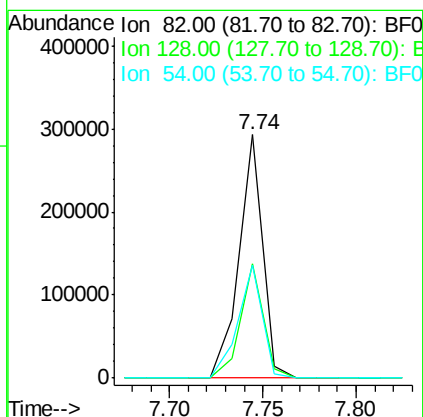
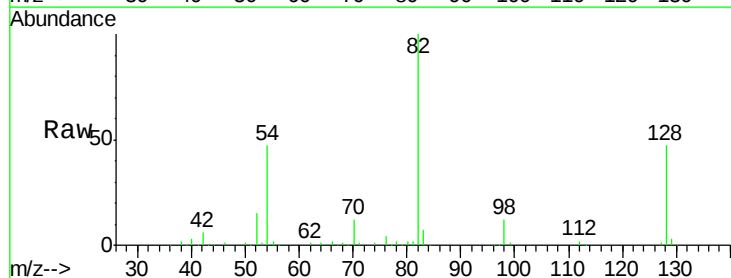
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

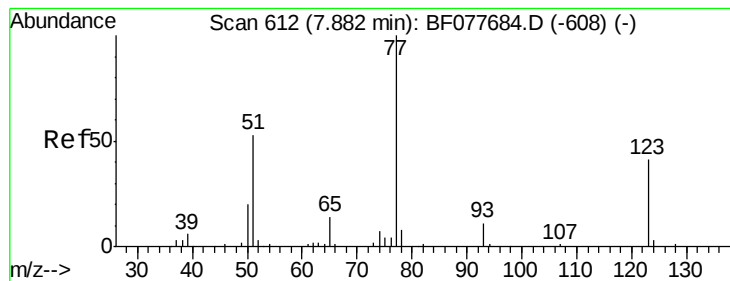
Tgt Ion:	105	Resp:	29271
Ion Ratio	Lower	Upper	
105	100		
71	2.9	0.6	1.0#
51	21.9	21.6	32.4
120	23.1	16.1	24.1



#23
 Nitrobenzene-d5
 Concen: 89.36 ng
 RT: 7.74 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion:	82	Resp:	261152
Ion Ratio	Lower	Upper	
82	100		
128	47.2	32.8	49.2
54	46.7	40.6	60.8





#24

Nitrobenzene

Concen: 7.00 ng

RT: 7.77 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

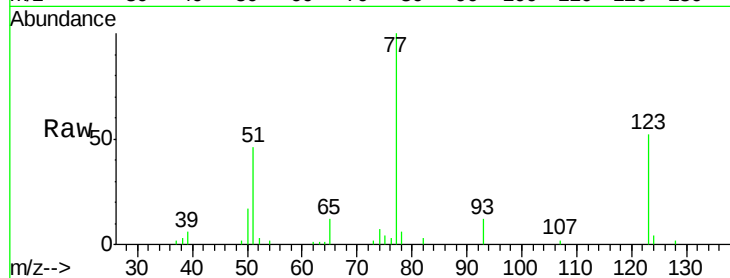
Tgt Ion: 77 Resp: 22029

Ion Ratio Lower Upper

77 100

123 52.1 32.6 49.0#

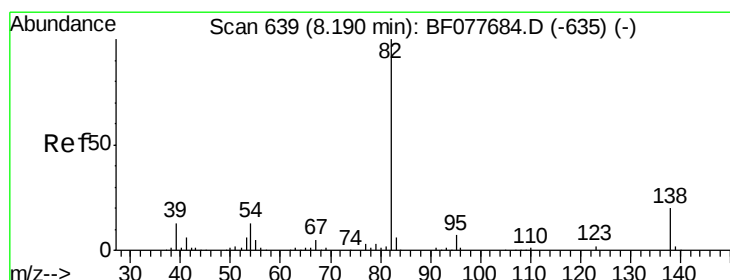
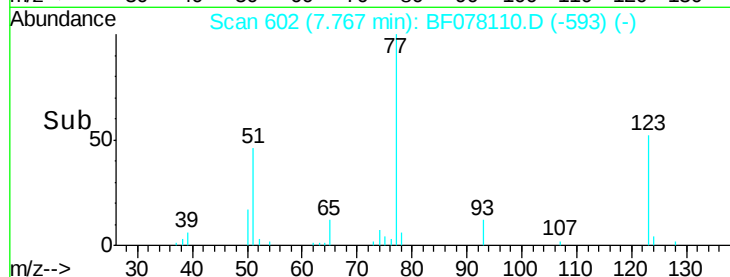
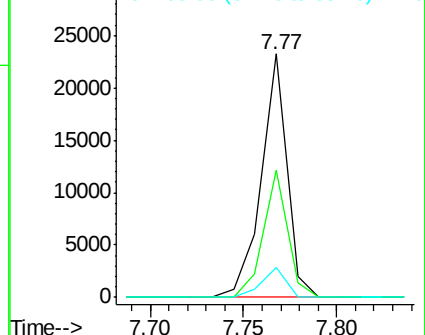
65 12.0 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 6.70 ng

RT: 8.06 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

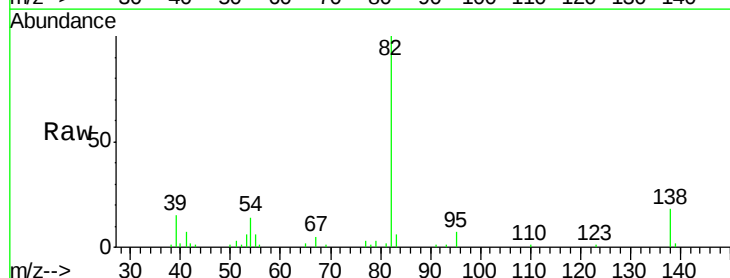
Tgt Ion: 82 Resp: 39551

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

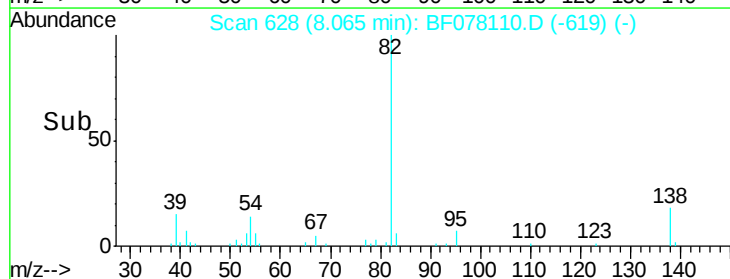
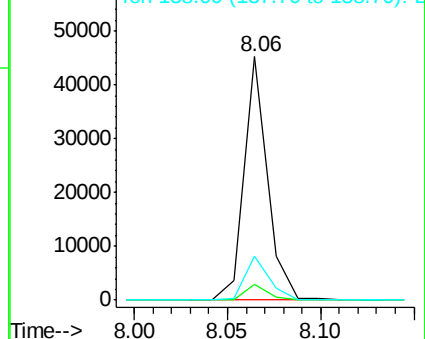
138 18.0 16.3 24.5

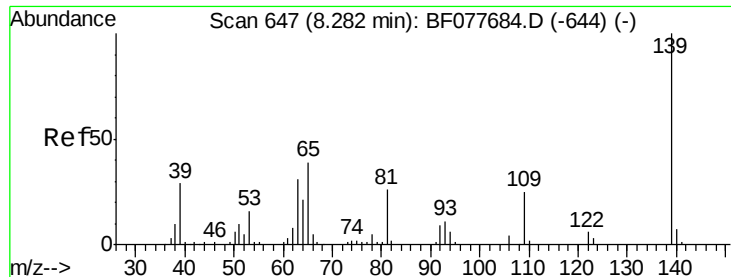


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

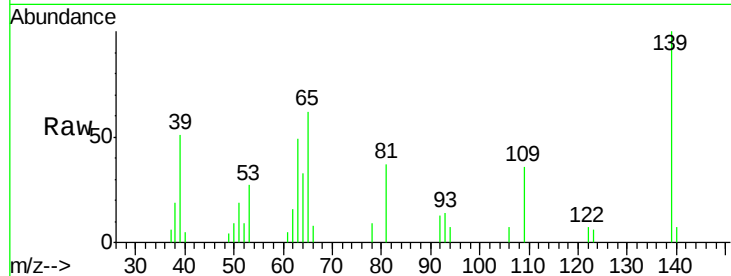




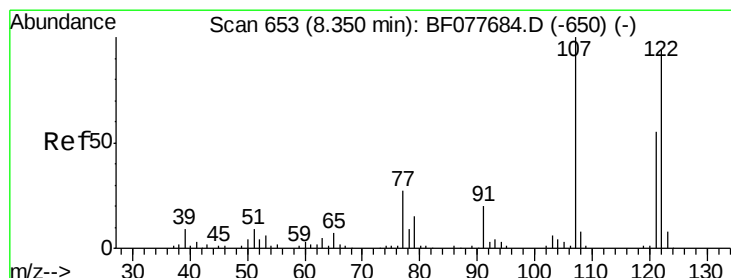
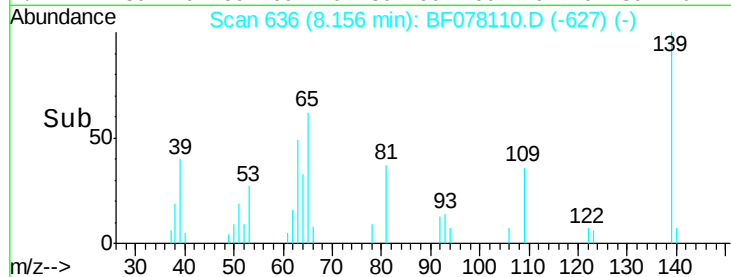
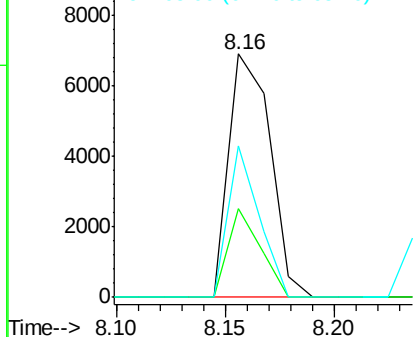
#26
2-Nitrophenol
Concen: 5.89 ng
RT: 8.16 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:139 Resp: 9084
Ion Ratio Lower Upper
139 100
109 36.5 20.1 30.1#
65 62.3 31.5 47.3#

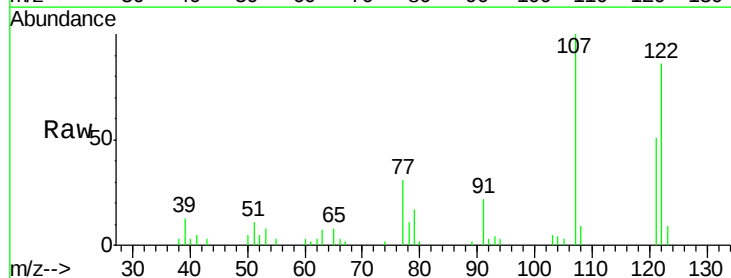


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

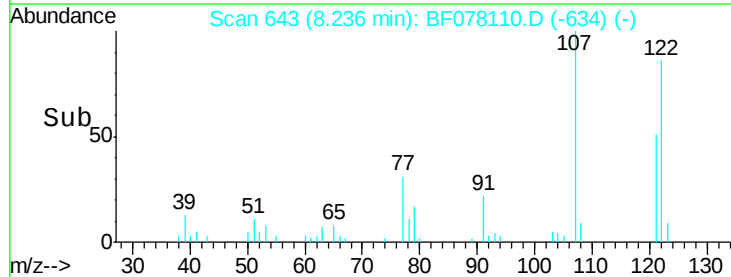
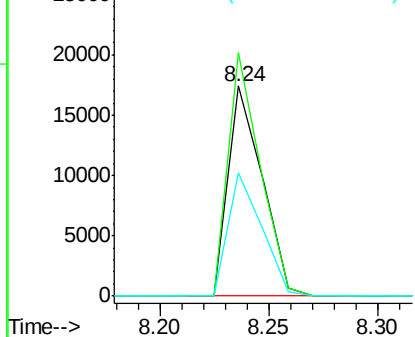


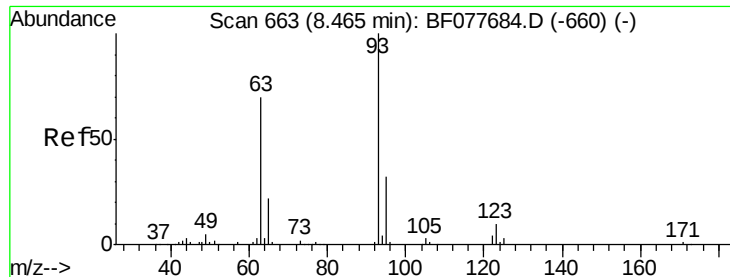
#27
2,4-Dimethylphenol
Concen: 6.69 ng
RT: 8.24 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion:122 Resp: 18797
Ion Ratio Lower Upper
122 100
107 116.0 84.7 127.1
121 58.6 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

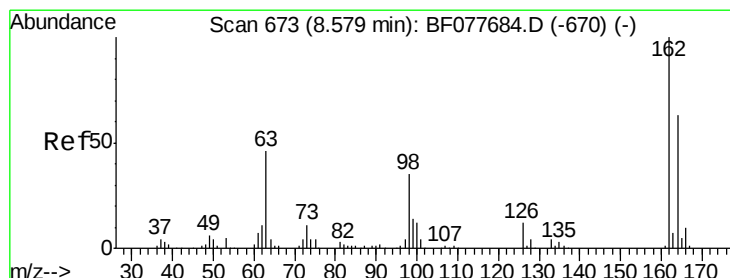
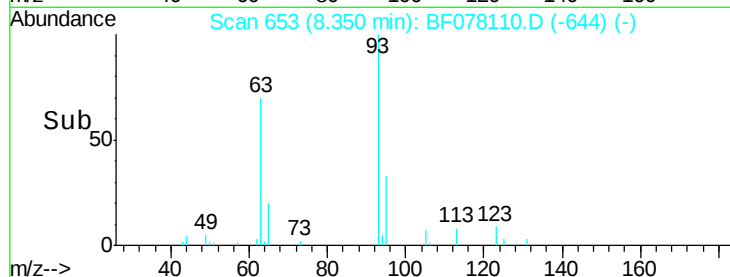
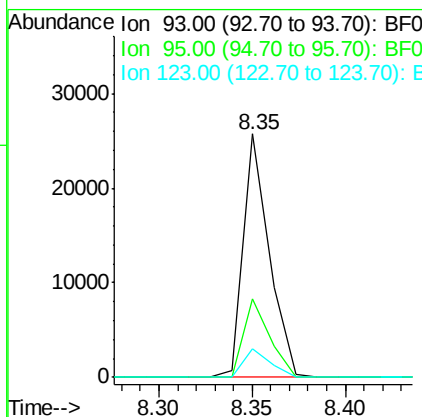
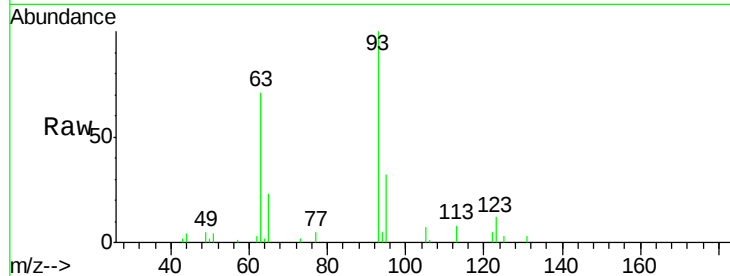




#28
bis(2-Chloroethoxy)methane
Concen: 6.94 ng
RT: 8.35 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

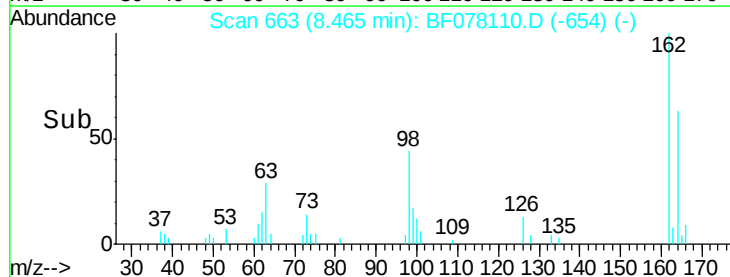
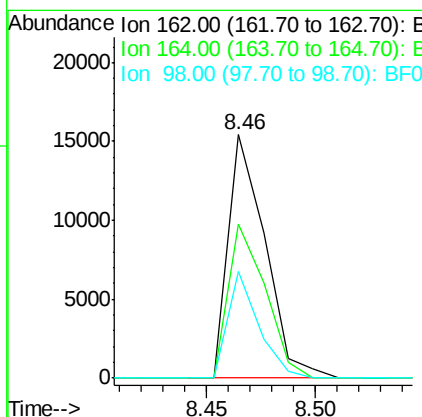
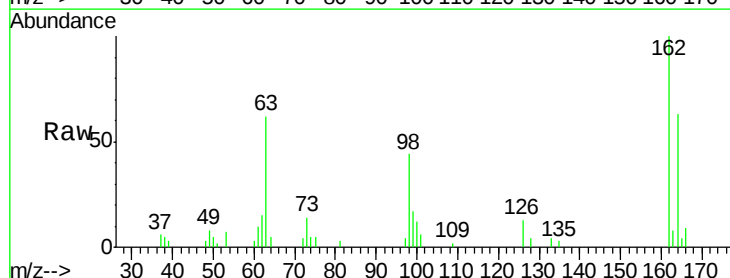
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

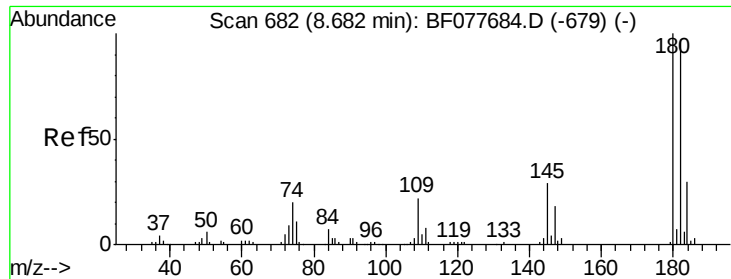
Tgt Ion: 93 Resp: 24858
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.6 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 6.79 ng
RT: 8.46 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion: 162 Resp: 18166
Ion Ratio Lower Upper
162 100
164 63.1 42.8 82.8
98 43.7 14.5 54.5

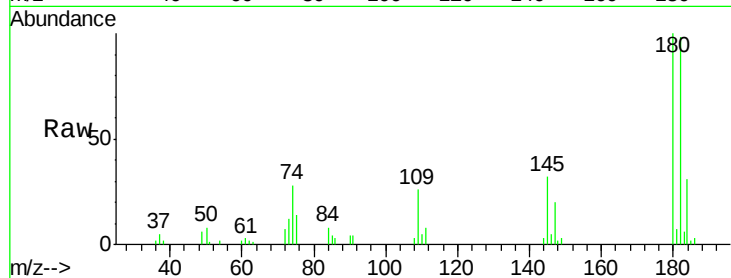




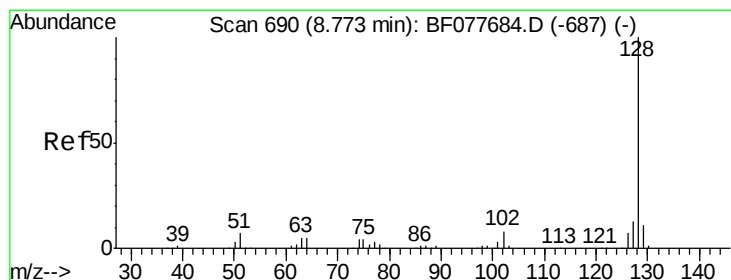
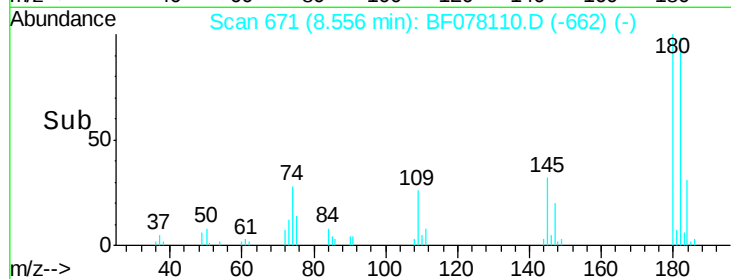
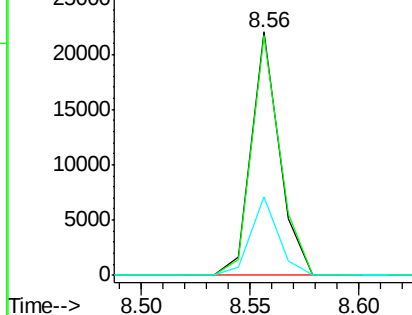
#30
 1,2,4-Trichlorobenzene
 Concen: 6.59 ng
 RT: 8.56 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:180 Resp: 19724
 Ion Ratio Lower Upper
 180 100
 182 98.3 77.6 116.4
 145 32.3 23.4 35.2

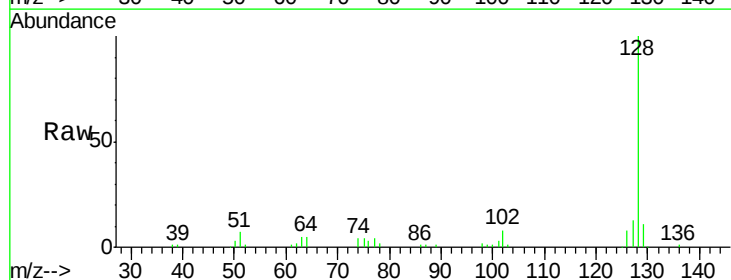


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

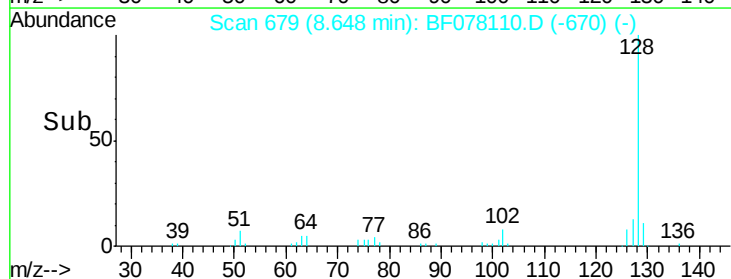
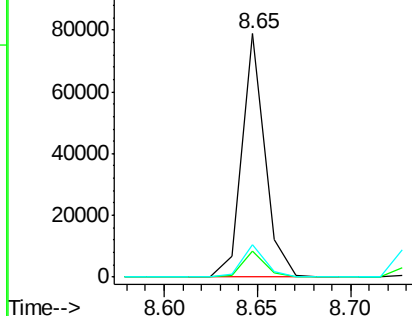


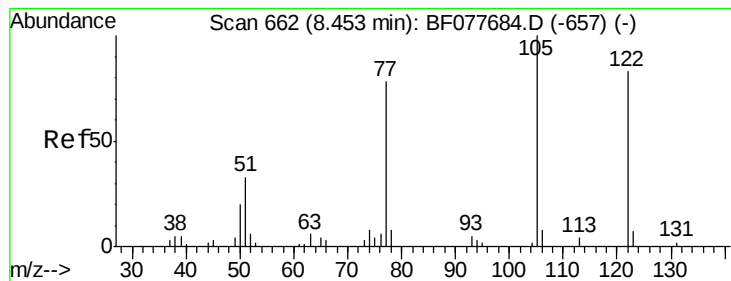
#31
 Naphthalene
 Concen: 6.83 ng
 RT: 8.65 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion:128 Resp: 67240
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.9 13.3
 127 13.4 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





#32

Benzoic acid

Concen: 6.25 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.03 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

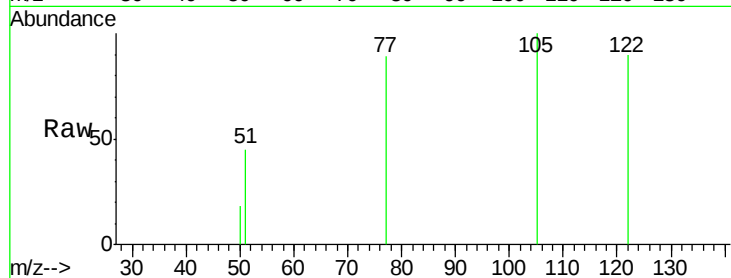
Tgt Ion:122 Resp: 5293

Ion Ratio Lower Upper

122 100

105 111.4 99.9 139.9

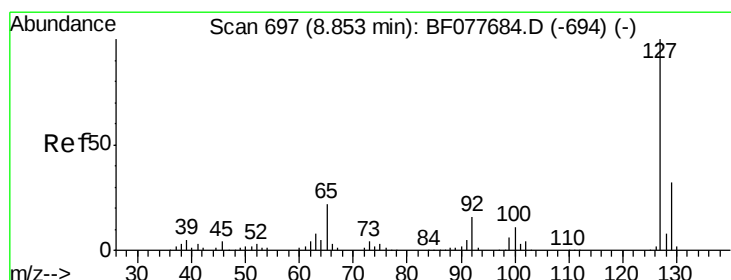
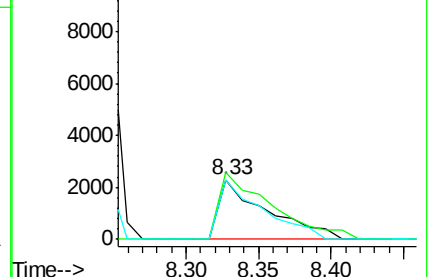
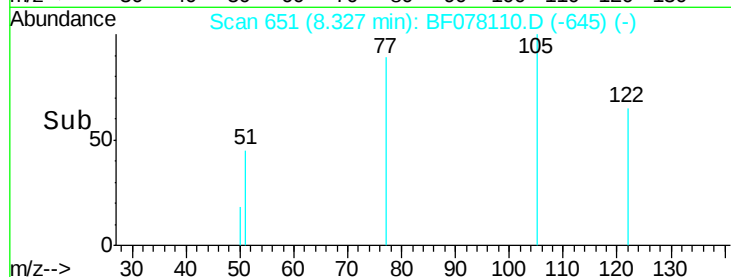
77 99.4 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 4.97 ng

RT: 8.74 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Tgt Ion:127 Resp: 19827

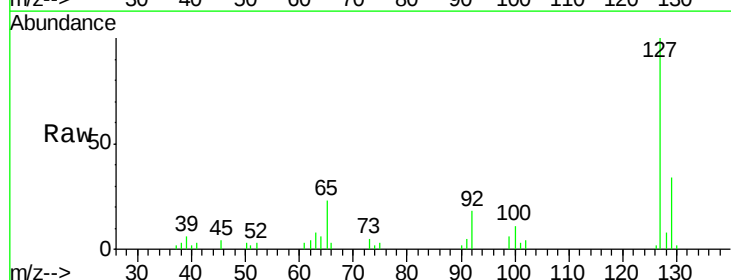
Ion Ratio Lower Upper

127 100

129 33.6 25.3 37.9

65 22.5 17.6 26.4

92 17.7 13.1 19.7

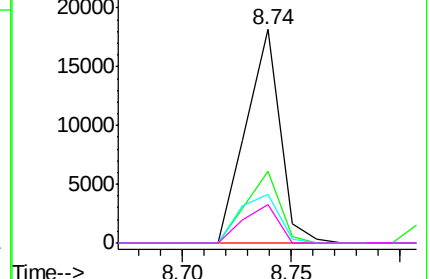
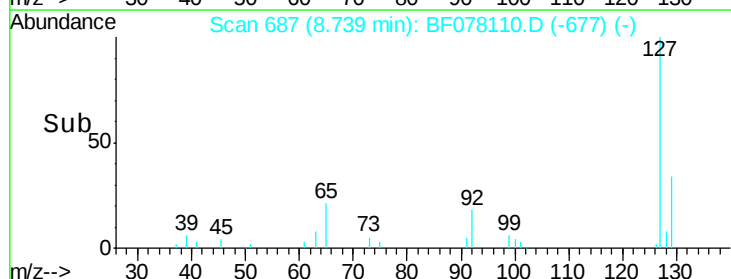


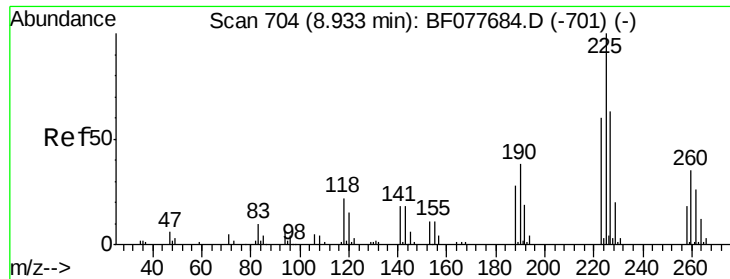
Abundance Ion 127.00 (126.70 to 127.70): E

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: 6.89 ng

RT: 8.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

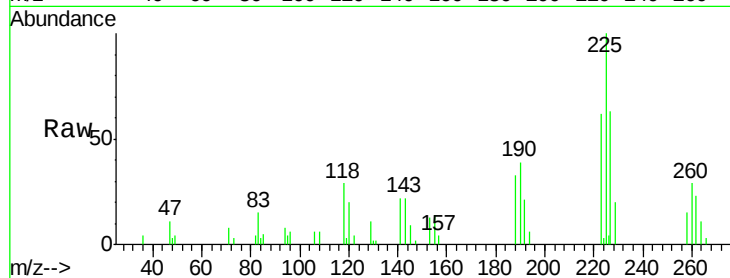
Tgt Ion:225 Resp: 11688

Ion Ratio Lower Upper

225 100

223 62.1 47.9 71.9

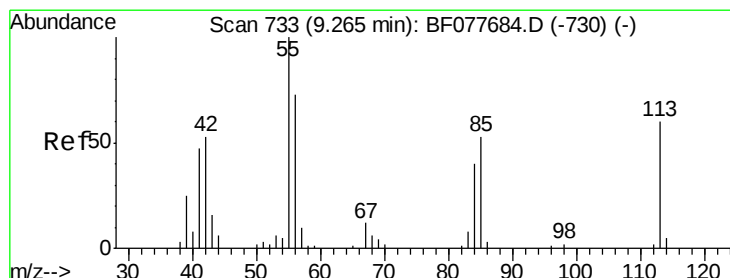
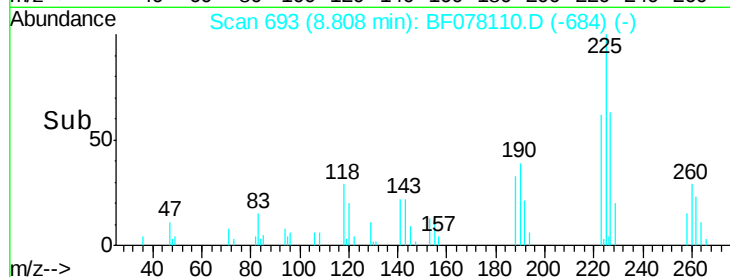
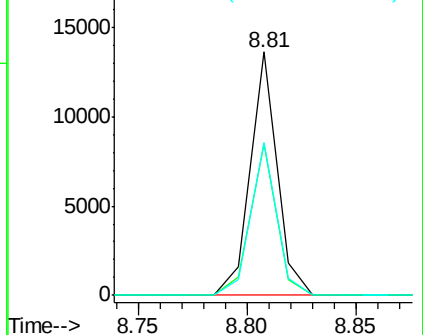
227 62.6 50.1 75.1



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



#35

Caprolactam

Concen: 6.52 ng

RT: 9.14 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

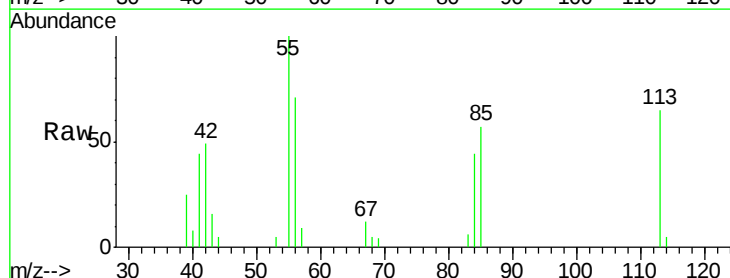
Tgt Ion:113 Resp: 5102

Ion Ratio Lower Upper

113 100

55 155.0 145.9 185.9

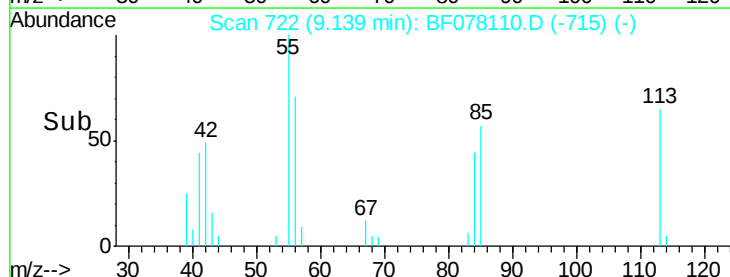
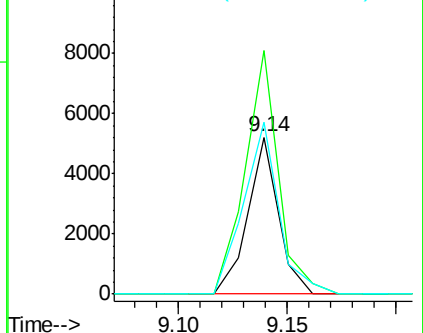
56 109.8 101.0 141.0

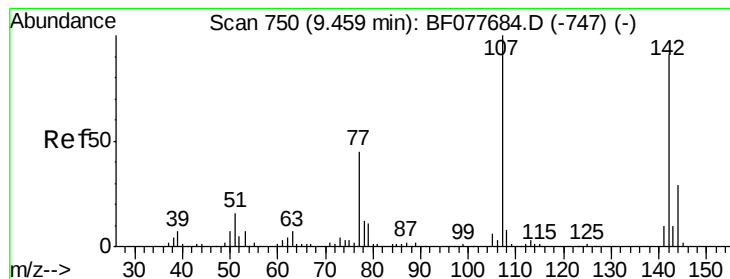


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 6.90 ng

RT: 9.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

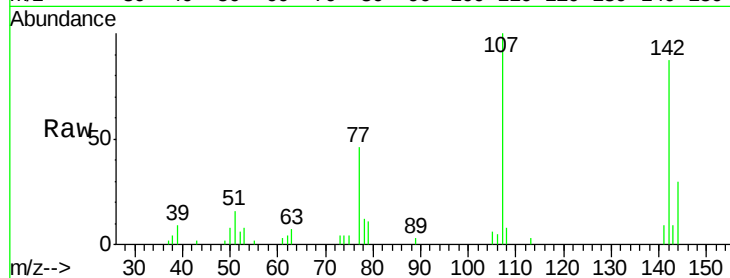
Tgt Ion:107 Resp: 18589

Ion Ratio Lower Upper

107 100

144 30.2 23.3 34.9

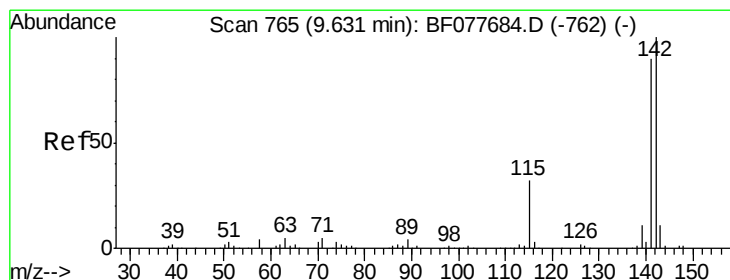
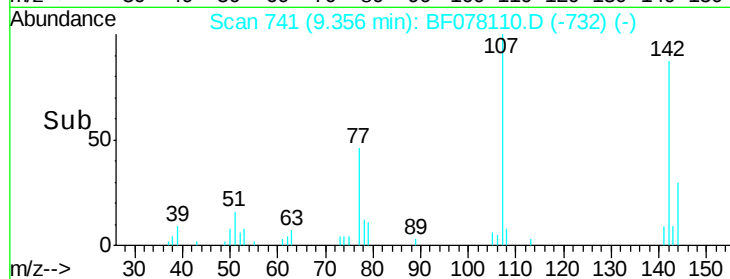
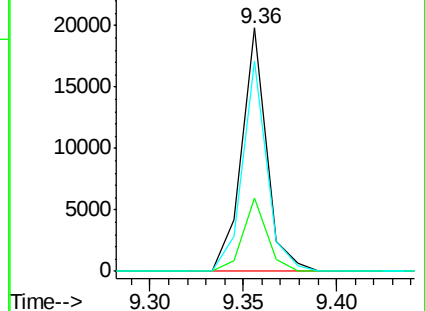
142 86.6 72.6 109.0



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: 6.81 ng

RT: 9.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

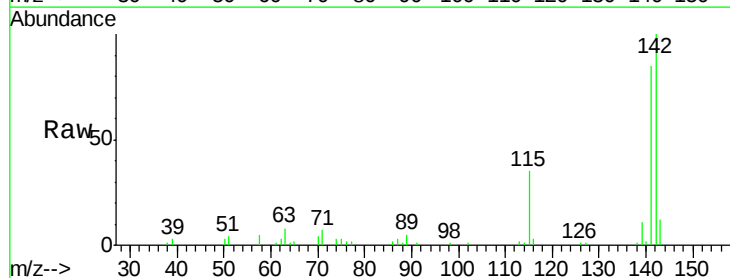
Tgt Ion:142 Resp: 45034

Ion Ratio Lower Upper

142 100

141 85.2 71.9 107.9

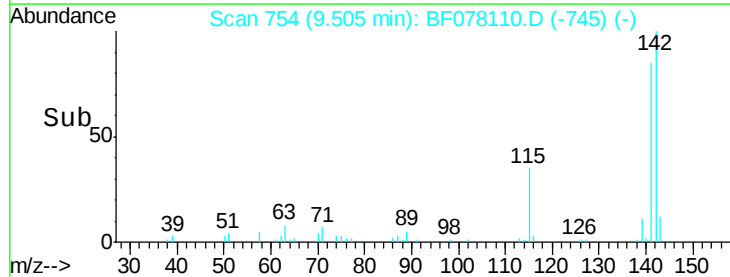
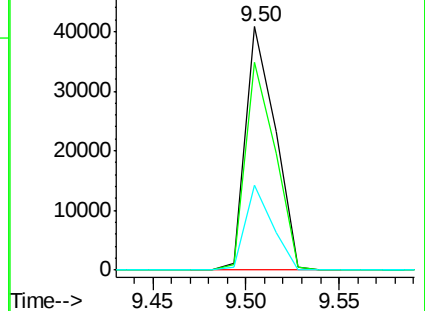
115 34.7 25.4 38.0

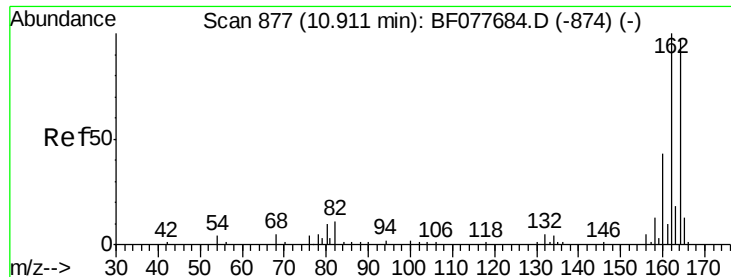


Abundance Ion 142.00 (141.70 to 142.70): E

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: 10.80 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

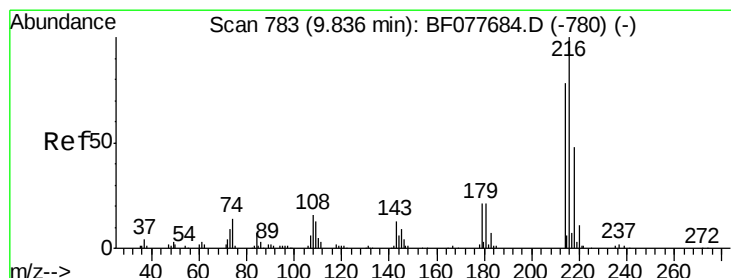
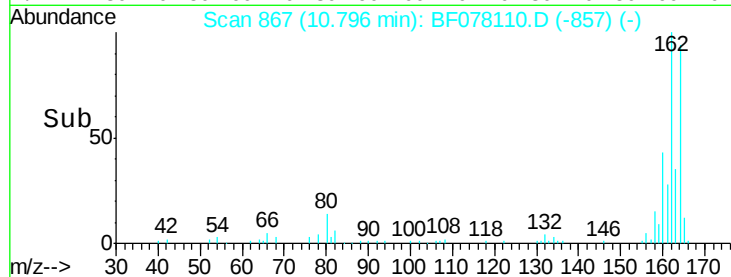
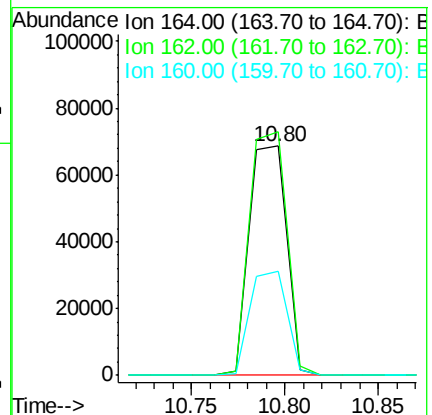
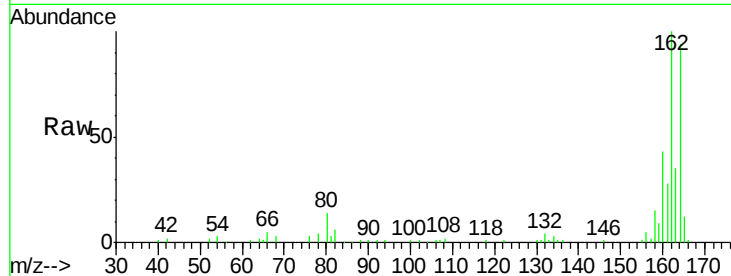
Tgt Ion:164 Resp: 95554

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

160 45.5 35.8 53.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 6.84 ng

RT: 9.71 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Tgt Ion:216 Resp: 19498

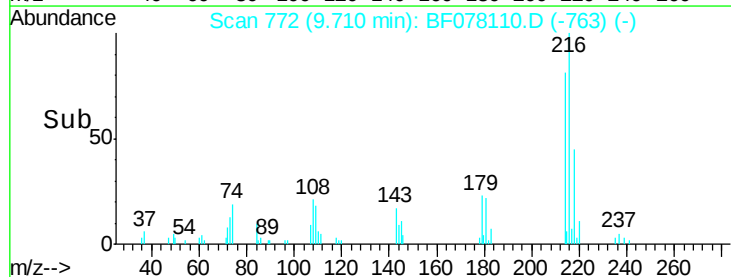
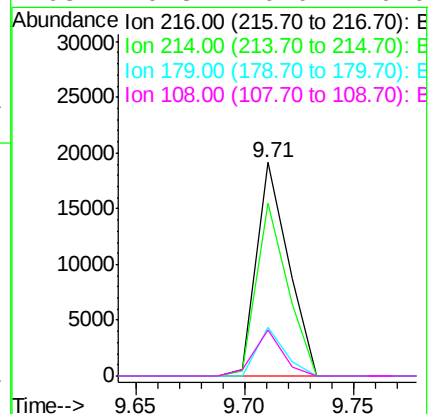
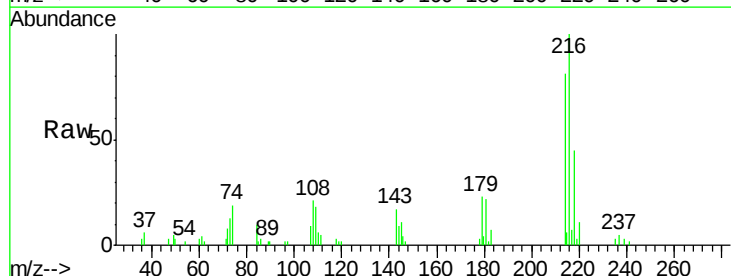
Ion Ratio Lower Upper

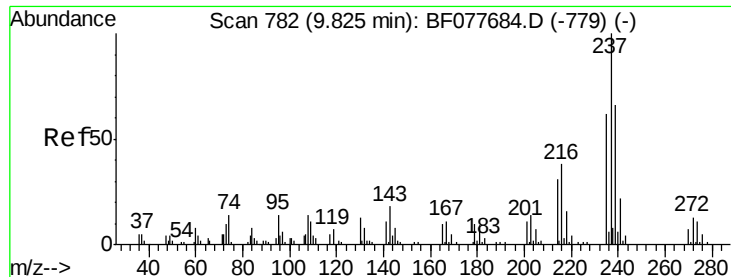
216 100

214 79.2 0.0 0.0#

179 19.8 0.0 0.0#

108 19.3 0.0 0.0#

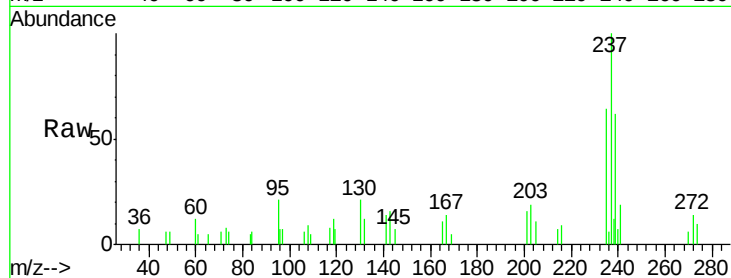




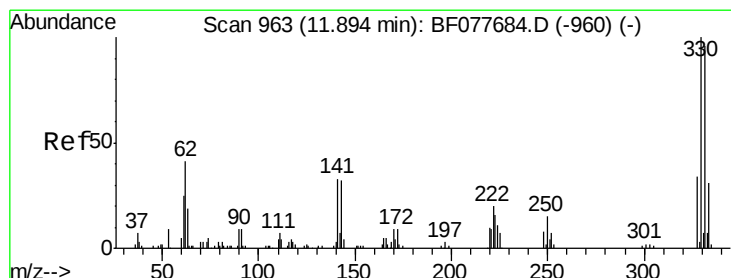
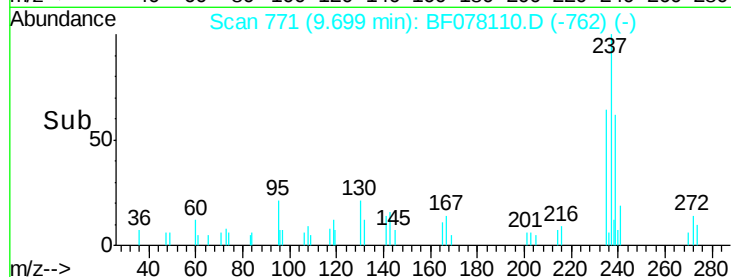
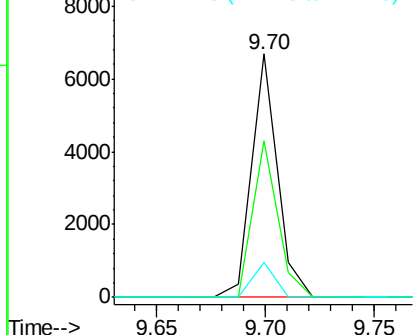
#40
Hexachlorocyclopentadiene
Concen: 6.86 ng
RT: 9.70 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:237 Resp: 5492
Ion Ratio Lower Upper
237 100
235 64.1 42.0 82.0
272 14.3 0.0 33.4

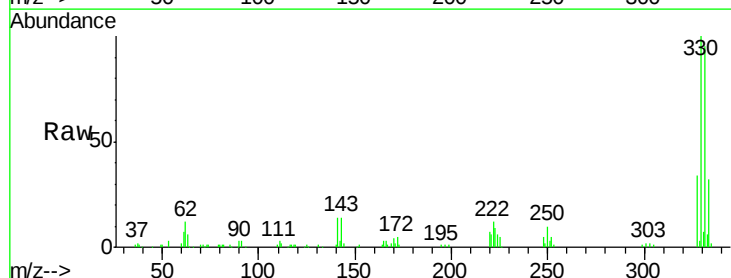


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

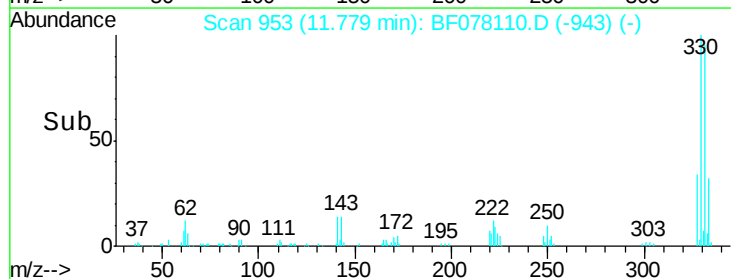
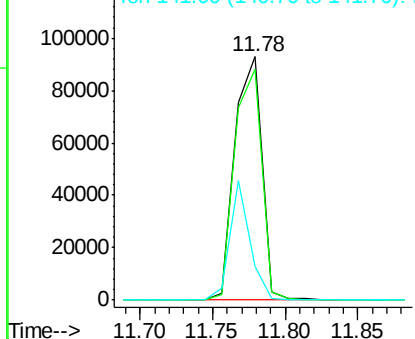


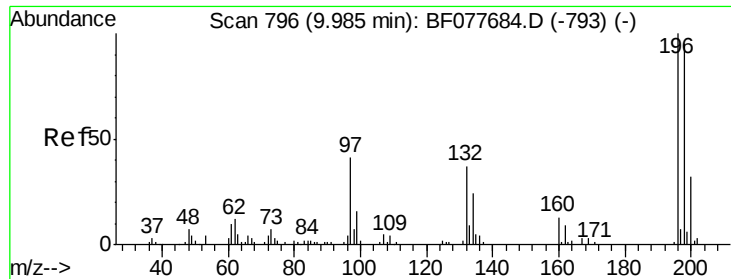
#41
2,4,6-Tribromophenol
Concen: 131.75 ng
RT: 11.78 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion:330 Resp: 120449
Ion Ratio Lower Upper
330 100
332 95.8 0.0 0.0#
141 36.7 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

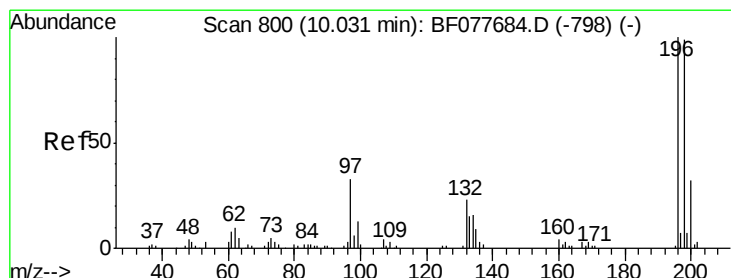
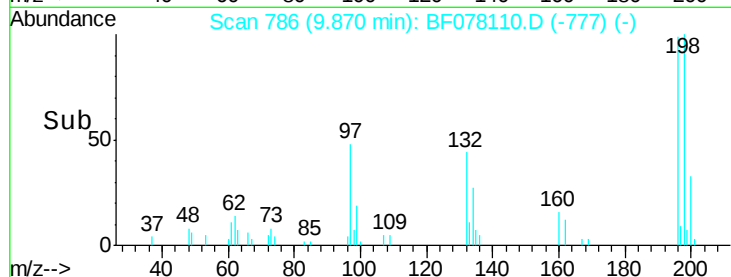
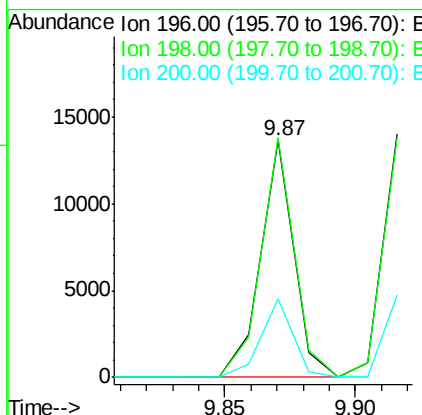
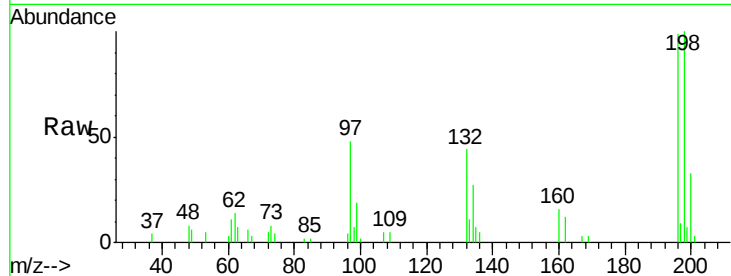




#42
 2,4,6-Trichlorophenol
 Concen: 6.08 ng
 RT: 9.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

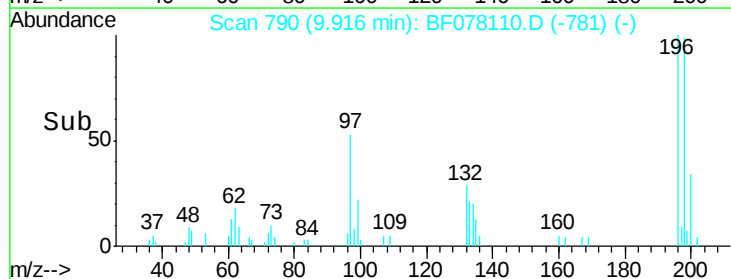
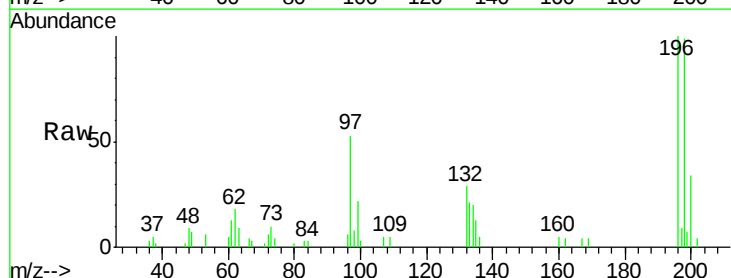
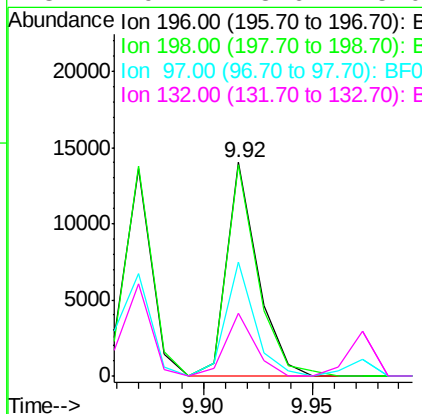
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

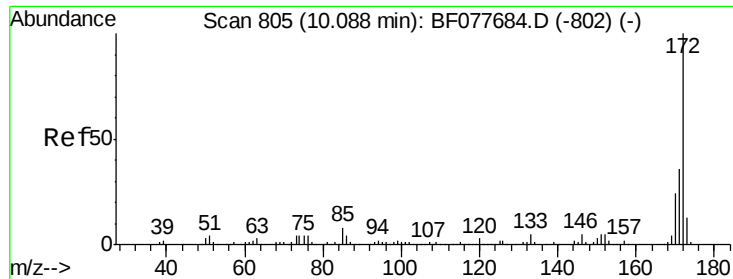
Tgt Ion:196 Resp: 12010
 Ion Ratio Lower Upper
 196 100
 198 101.3 76.3 114.5
 200 32.9 25.6 38.4



#43
 2,4,5-Trichlorophenol
 Concen: 6.52 ng
 RT: 9.92 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion:196 Resp: 13907
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.4 119.0
 97 53.2 26.8 40.2#
 132 29.4 18.6 28.0#

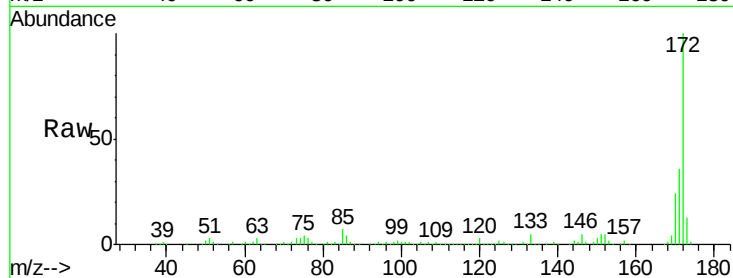




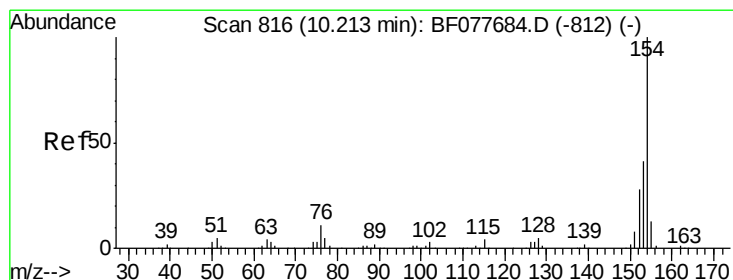
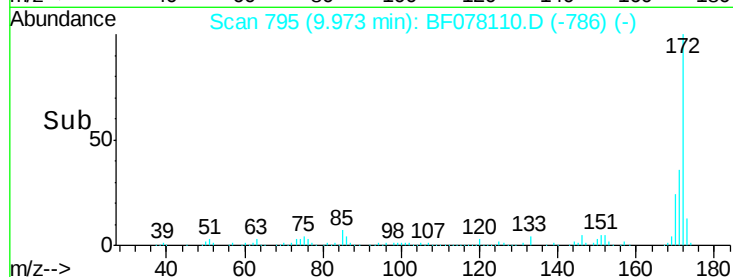
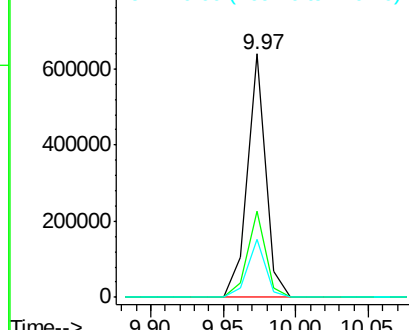
#44
 2-Fluorobiphenyl
 Concen: 86.18 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:172 Resp: 560343
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.6 18.8 28.2

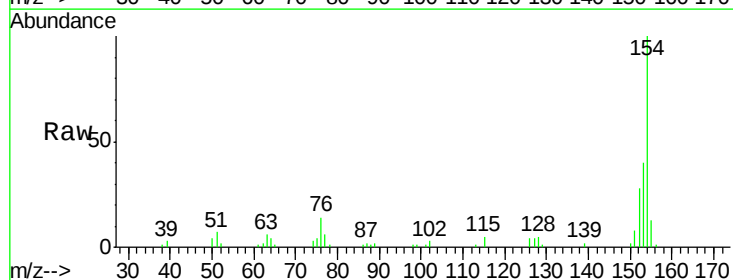


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

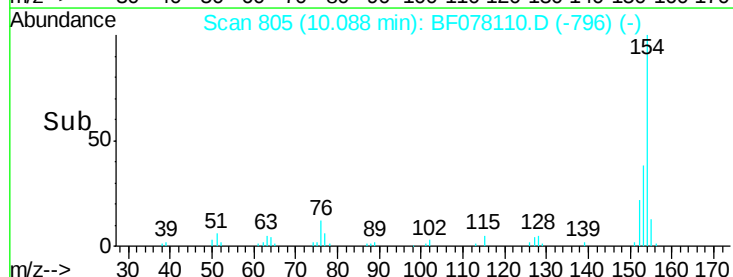
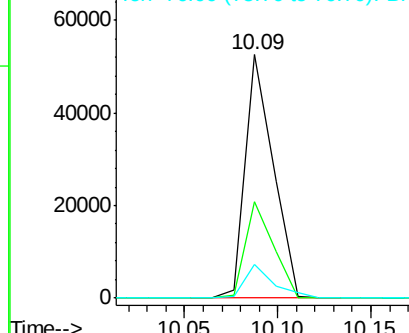


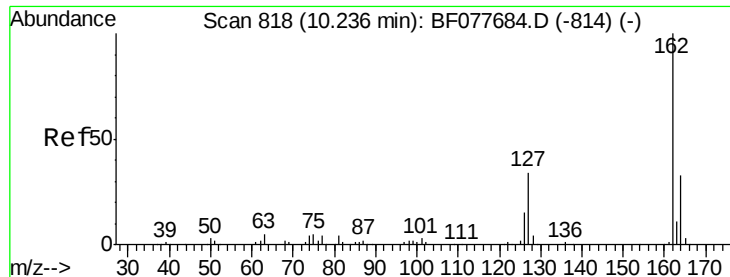
#45
 1,1'-Biphenyl
 Concen: 7.20 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion:154 Resp: 54973
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.7 60.7
 76 13.7 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

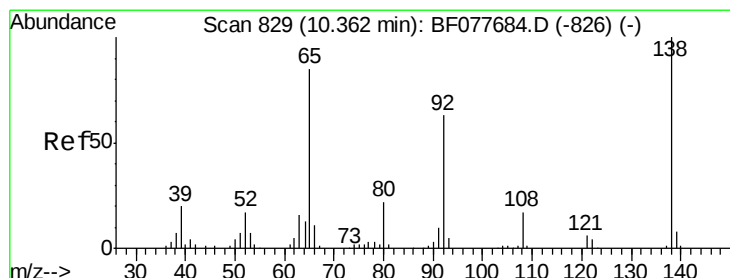
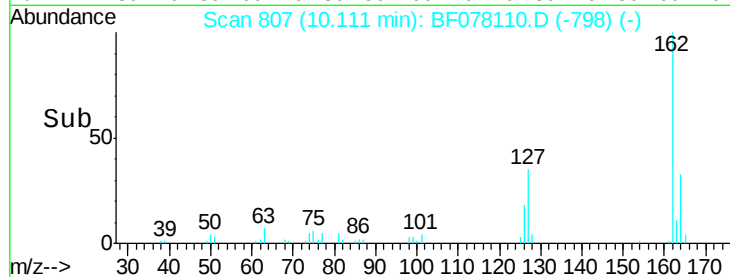
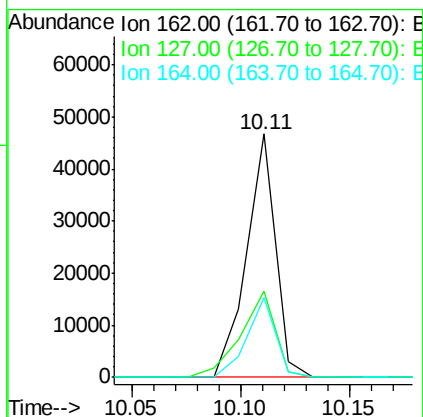
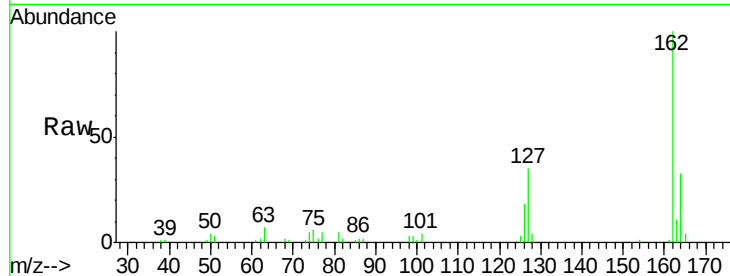




#46
 2-Chloronaphthalene
 Concen: 6.94 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

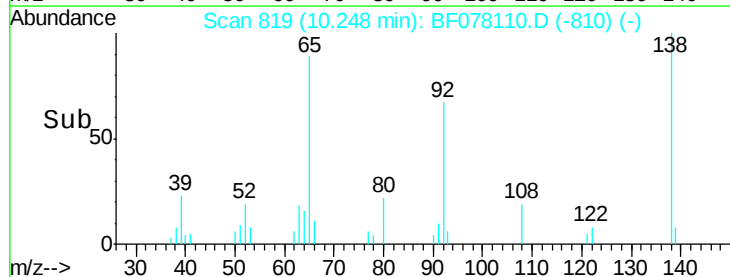
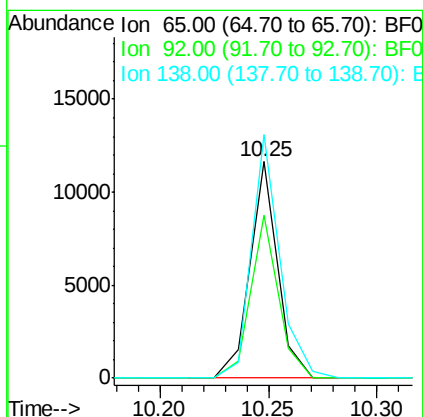
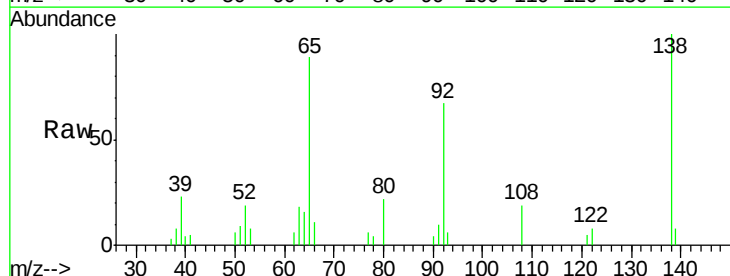
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

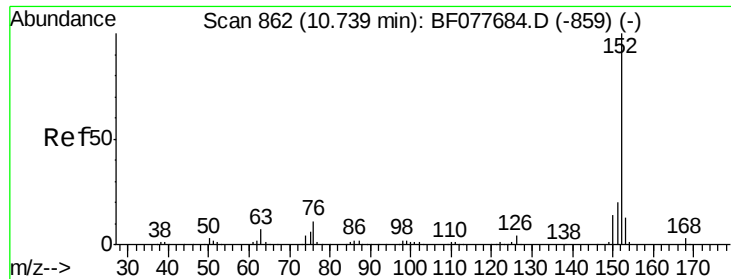
Tgt Ion: 162 Resp: 43051
 Ion Ratio Lower Upper
 162 100
 127 35.4 26.9 40.3
 164 32.7 26.8 40.2



#47
 2-Nitroaniline
 Concen: 6.62 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion: 65 Resp: 10209
 Ion Ratio Lower Upper
 65 100
 92 75.3 59.1 88.7
 138 112.6 93.9 140.9

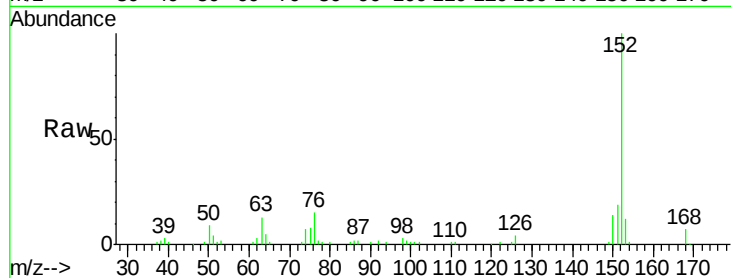




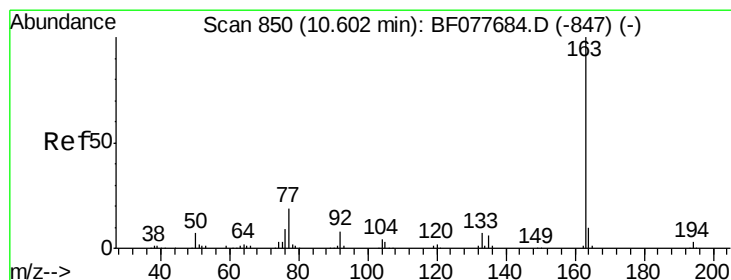
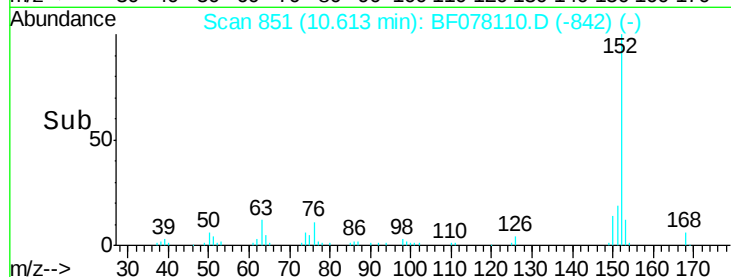
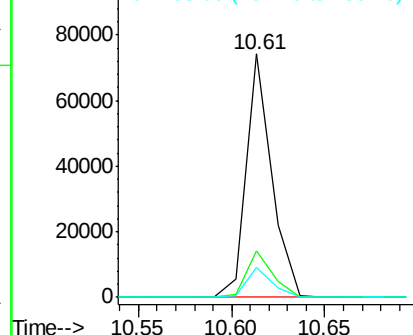
#48
Acenaphthylene
Concen: 6.77 ng
RT: 10.61 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 69892
Ion Ratio Lower Upper
152 100
151 19.1 15.9 23.9
153 12.4 10.6 16.0

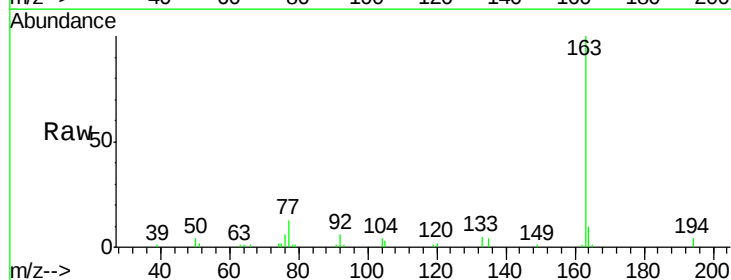


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

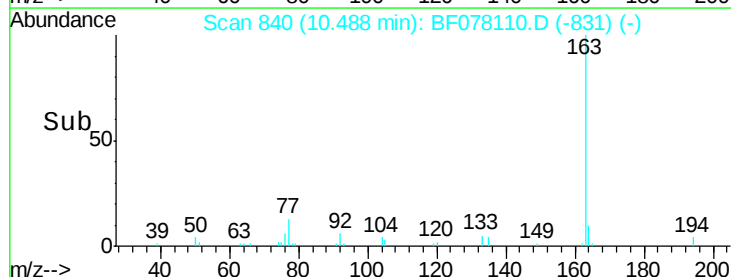
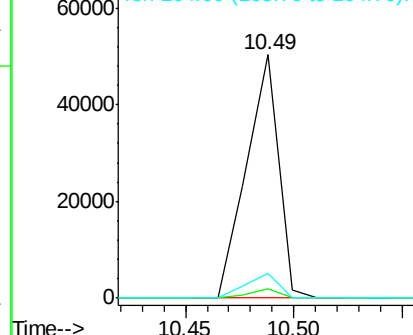


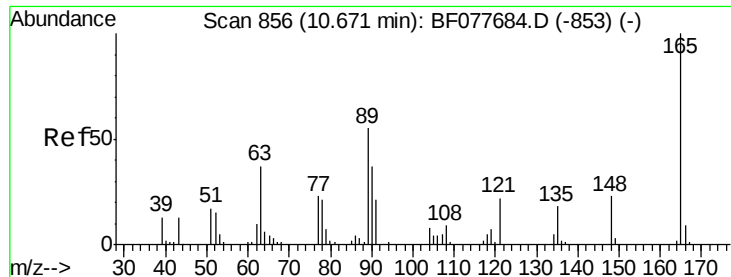
#49
Dimethylphthalate
Concen: 7.27 ng
RT: 10.49 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion:163 Resp: 51539
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.9 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

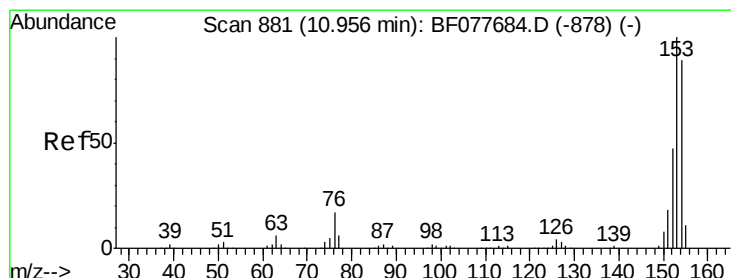
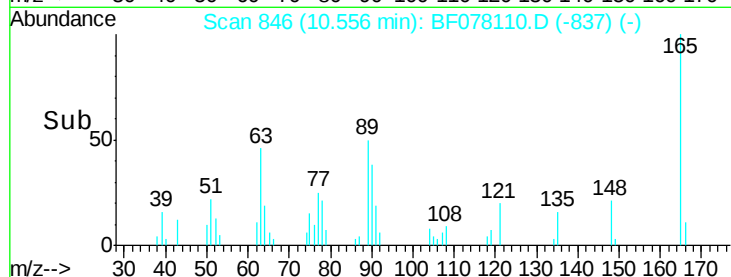
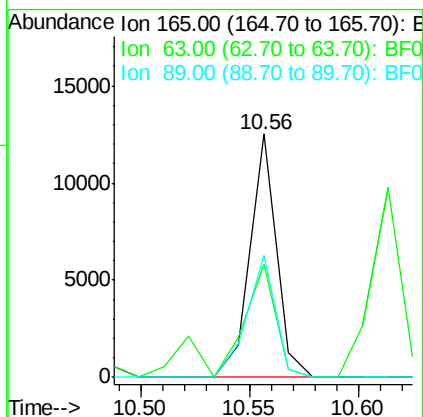
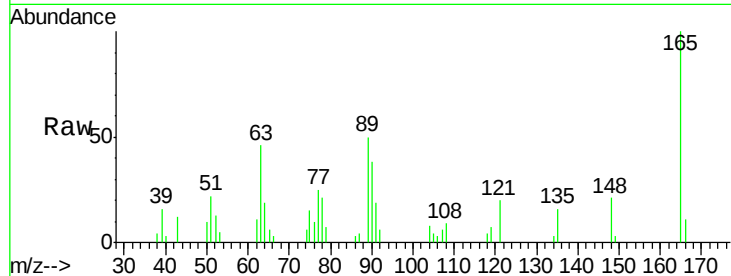




#50
2,6-Dinitrotoluene
Concen: 7.22 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

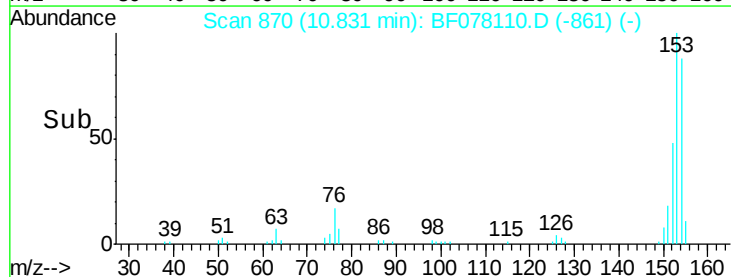
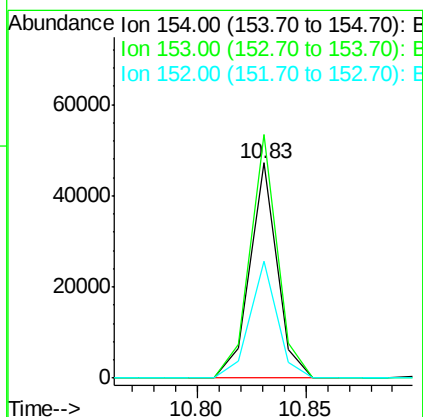
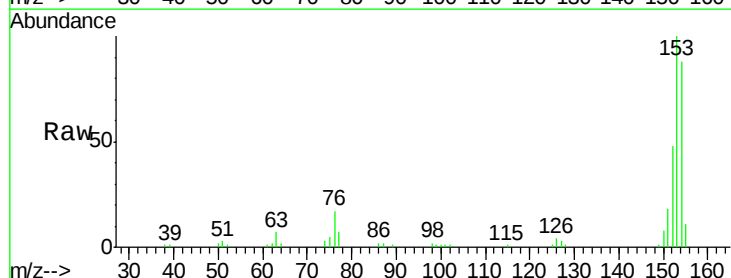
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

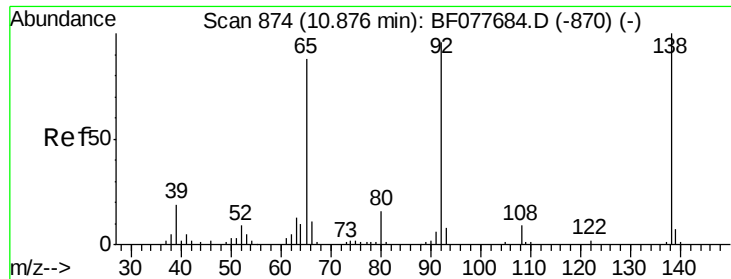
Tgt Ion:165 Resp: 10604
Ion Ratio Lower Upper
165 100
63 46.3 44.1 66.1
89 50.2 44.3 66.5



#51
Acenaphthene
Concen: 6.98 ng
RT: 10.83 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion:154 Resp: 41299
Ion Ratio Lower Upper
154 100
153 113.2 90.0 135.0
152 54.5 42.6 63.8

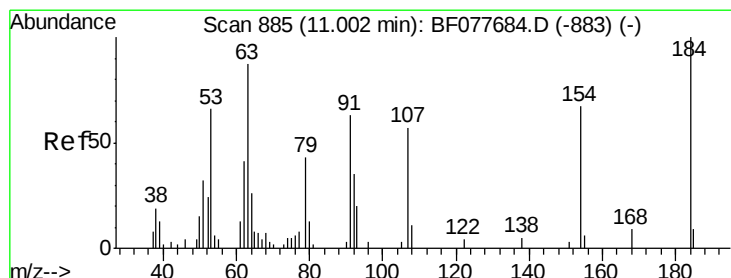
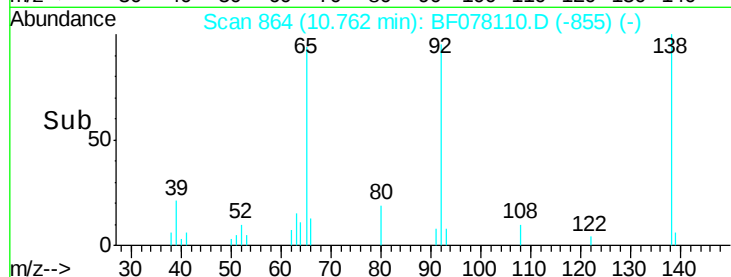
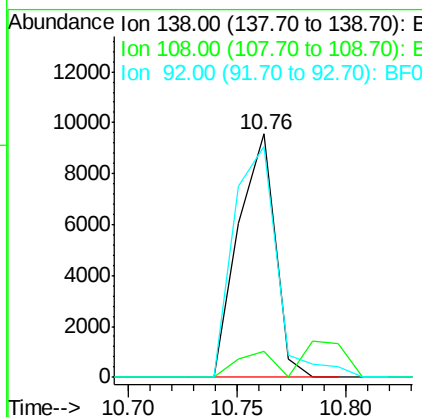
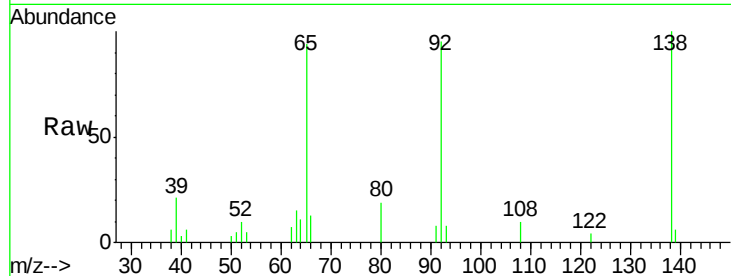




#52
3-Nitroaniline
Concen: 6.55 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

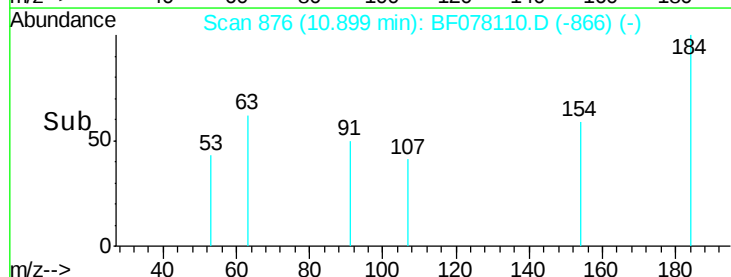
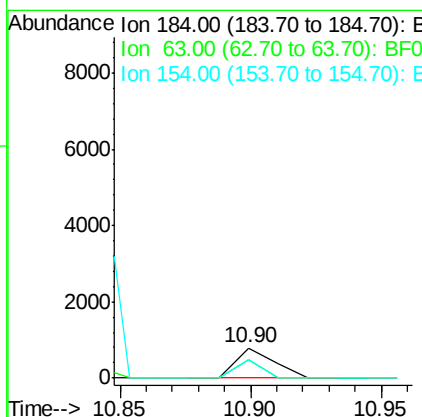
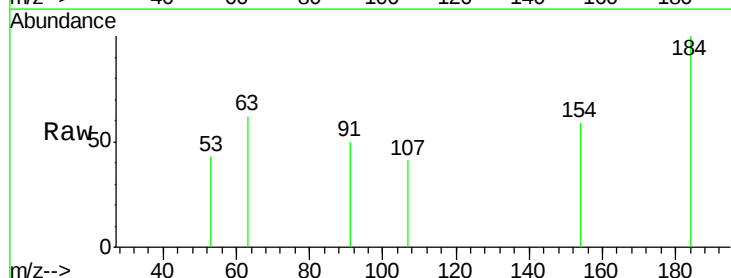
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

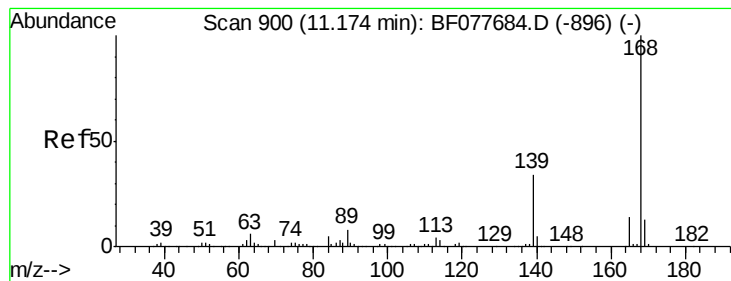
Tgt Ion:138 Resp: 11176
Ion Ratio Lower Upper
138 100
108 10.5 7.3 10.9
92 94.9 76.6 114.8



#53
2,4-Dinitrophenol
Concen: 9.38 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion:184 Resp: 793
Ion Ratio Lower Upper
184 100
63 62.3 69.2 103.8#
154 59.5 53.3 79.9





#54

Dibenzenofuran

Concen: 7.43 ng

RT: 11.05 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

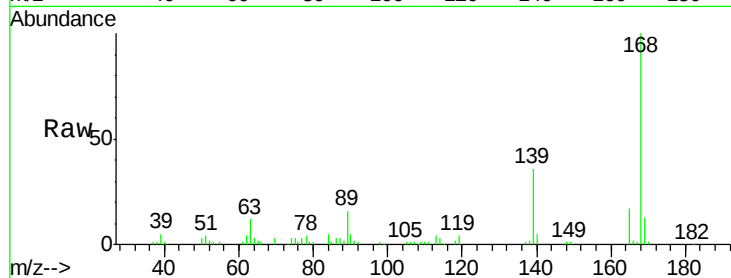
Tgt Ion:168 Resp: 65263

Ion Ratio Lower Upper

168 100

139 35.8 27.3 40.9

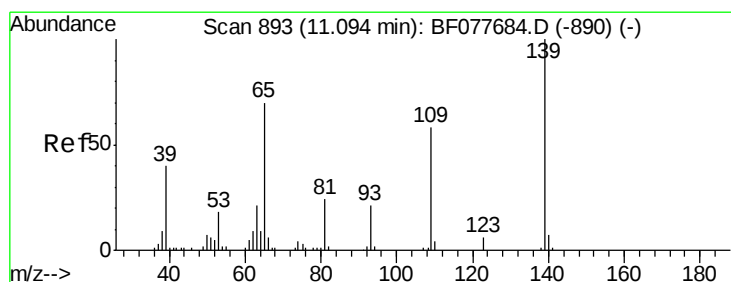
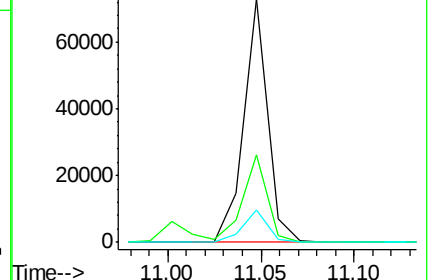
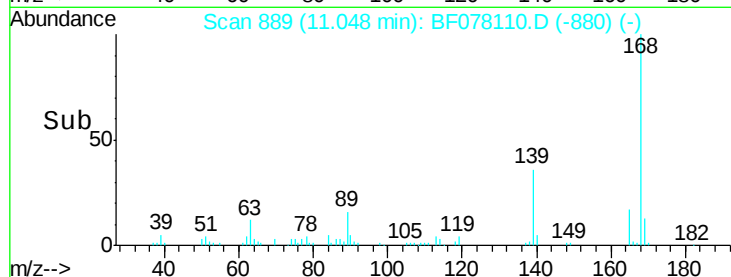
169 13.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 5.26 ng

RT: 11.00 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

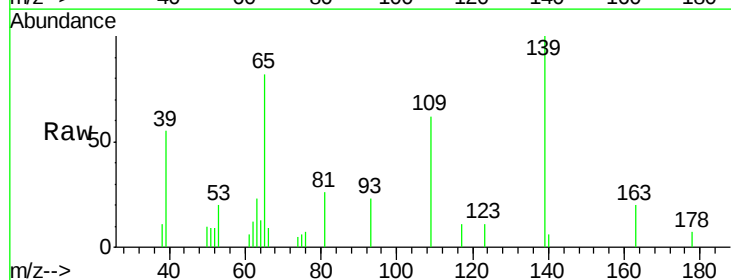
Tgt Ion:139 Resp: 6647

Ion Ratio Lower Upper

139 100

109 61.7 37.7 77.7

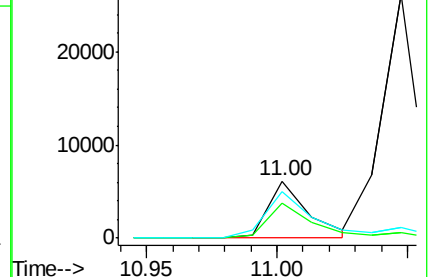
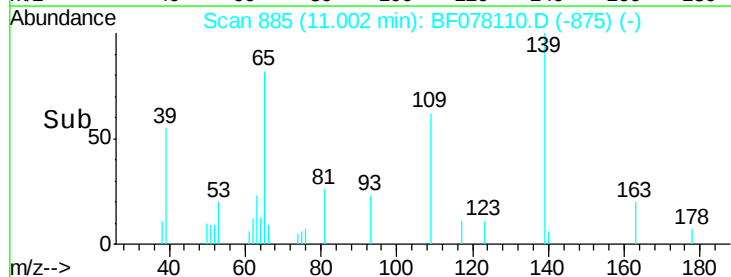
65 82.3 49.9 89.9

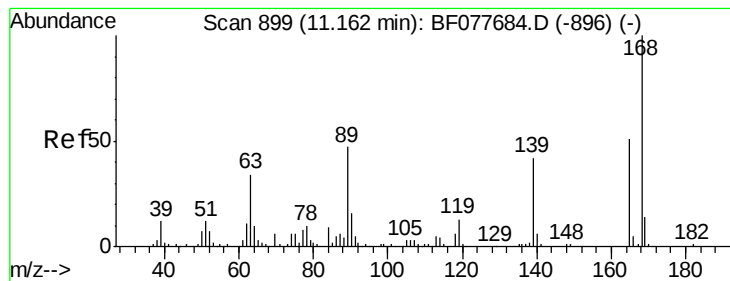


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

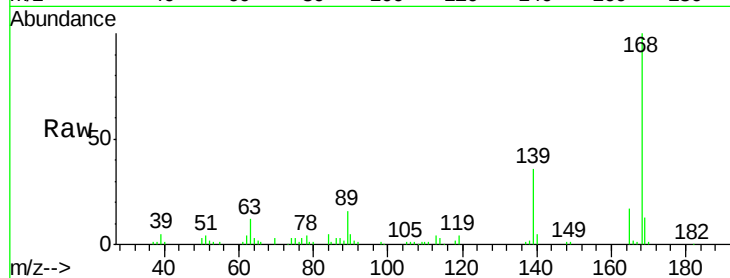




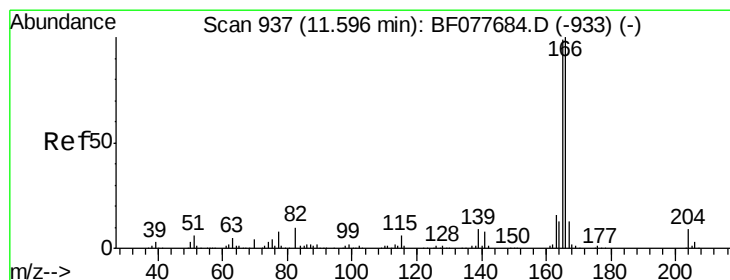
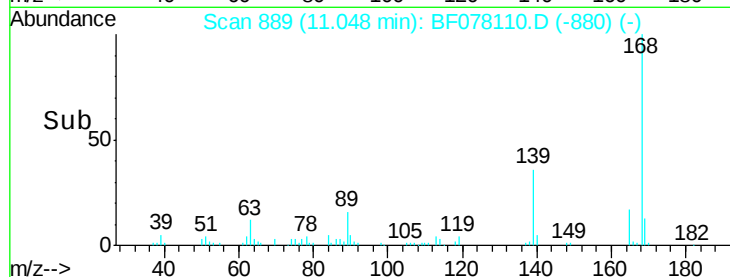
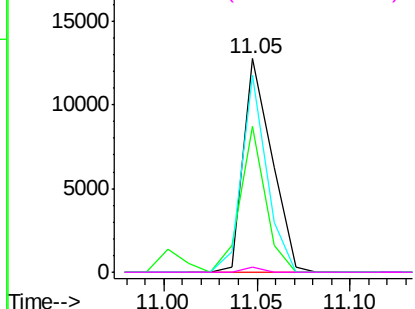
#56
2,4-Dinitrotoluene
Concen: 7.06 ng
RT: 11.05 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:165 Resp: 13520
Ion Ratio Lower Upper
165 100
63 68.1 52.4 78.6
89 92.5 72.4 108.6
182 2.7 2.0 3.0

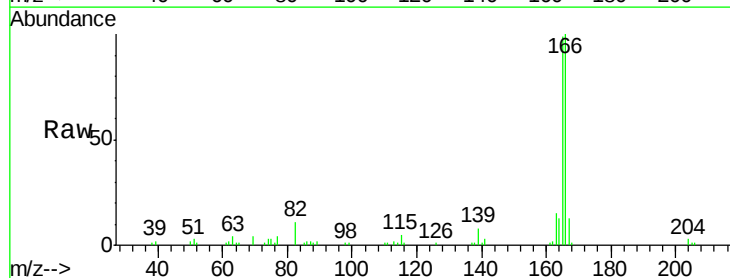


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

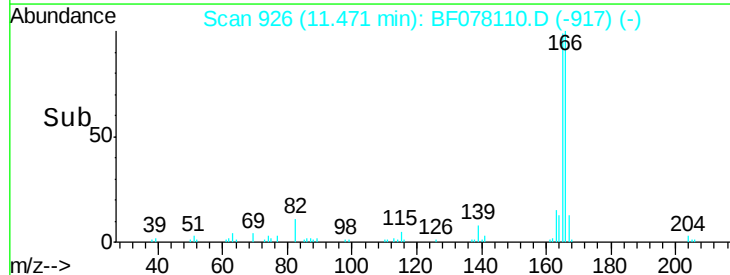
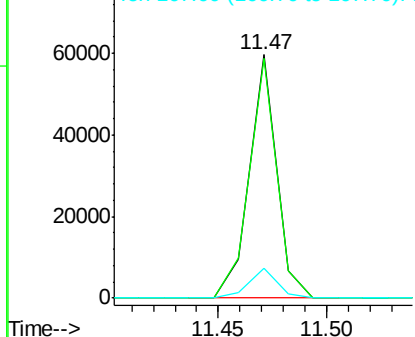


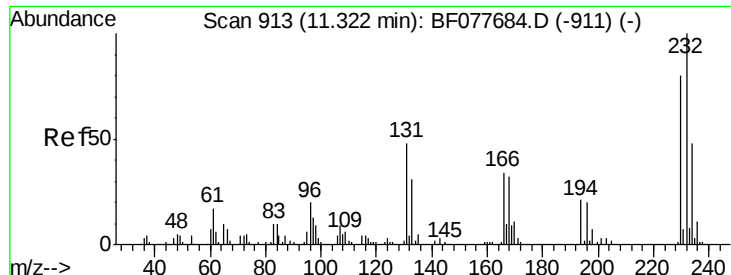
#57
Fluorene
Concen: 7.14 ng
RT: 11.47 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion:166 Resp: 52064
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.4
167 12.5 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

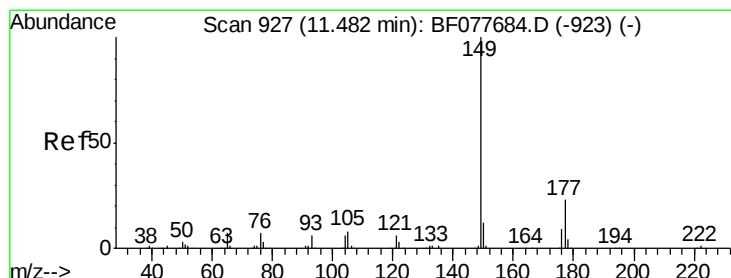
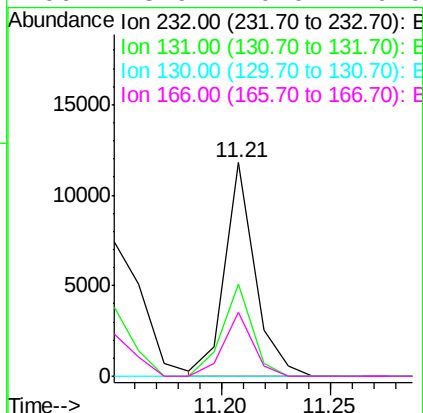
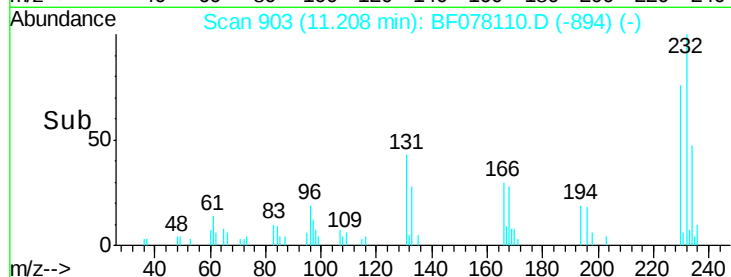
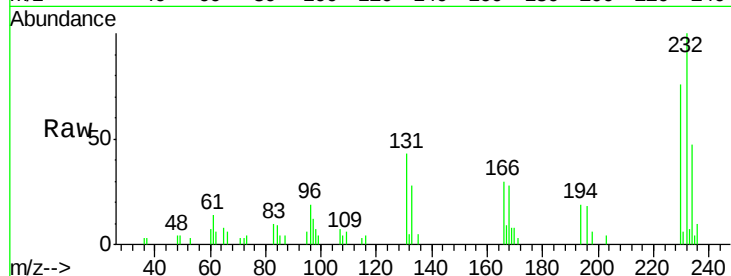




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 6.88 ng
 RT: 11.21 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

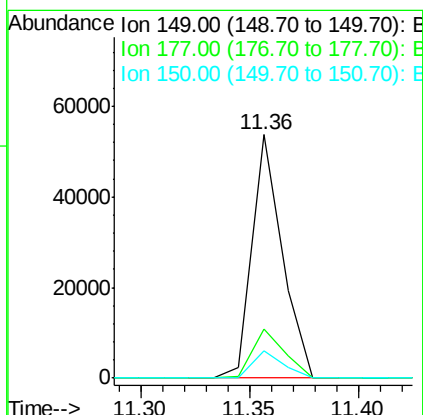
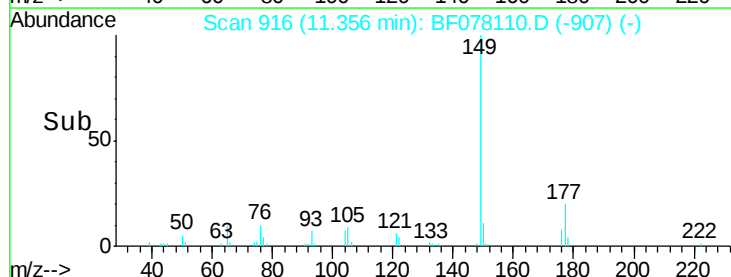
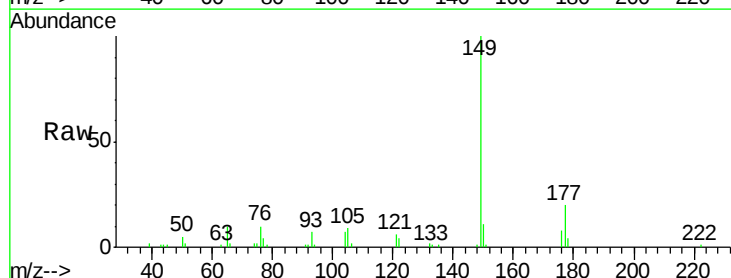
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

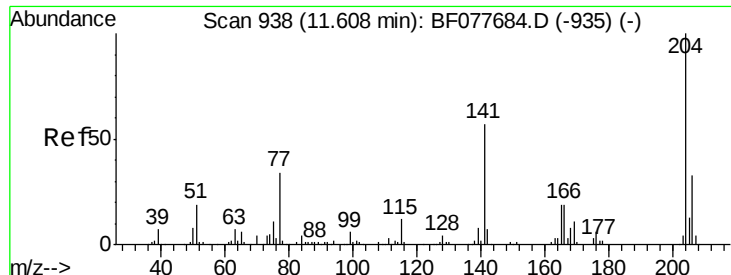
Tgt Ion: 232 Resp: 11299
 Ion Ratio Lower Upper
 232 100
 131 43.3 0.0 0.0#
 130 0.0 0.0 0.0
 166 28.9 0.0 0.0#



#59
 Diethylphthalate
 Concen: 7.49 ng
 RT: 11.36 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion: 149 Resp: 51713
 Ion Ratio Lower Upper
 149 100
 177 20.4 18.3 27.5
 150 11.4 9.8 14.8

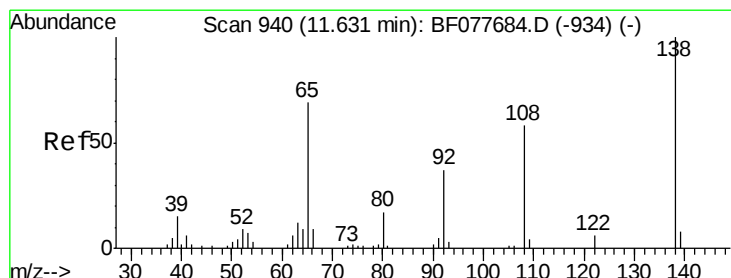
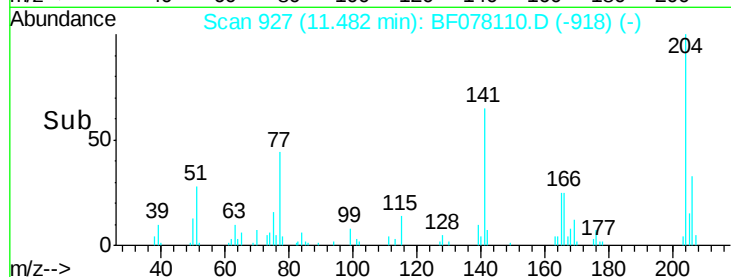
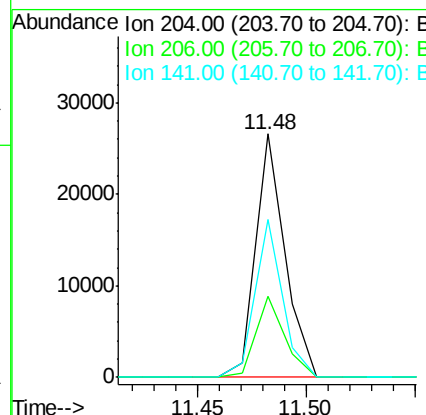
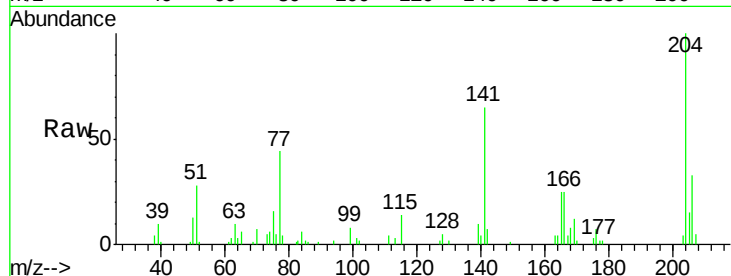




#60
 4-Chlorophenyl-phenylether
 Concen: 7.45 ng
 RT: 11.48 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

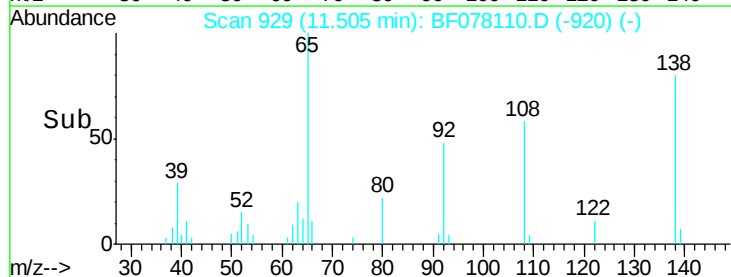
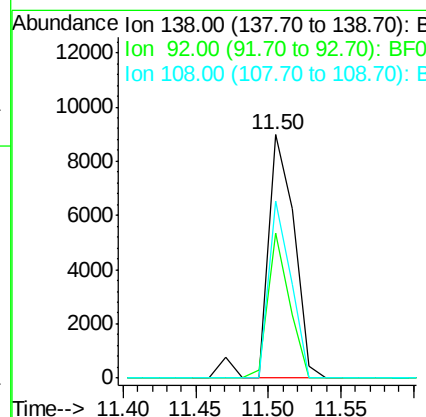
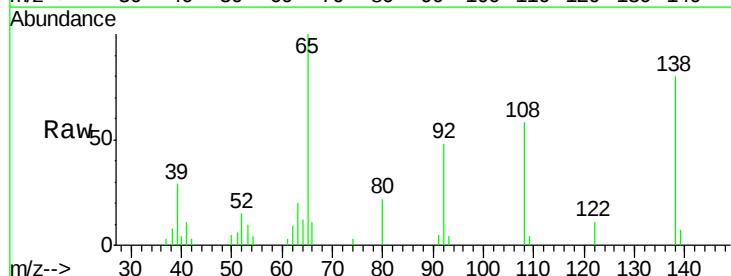
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

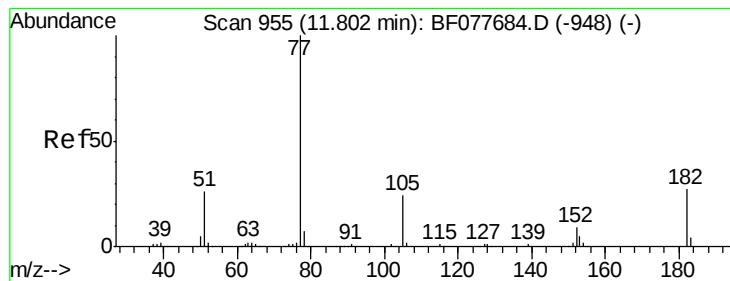
Tgt Ion: 204 Resp: 24770
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.6 39.8
 141 65.0 45.2 67.8



#61
 4-Nitroaniline
 Concen: 6.62 ng
 RT: 11.50 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion: 138 Resp: 11256
 Ion Ratio Lower Upper
 138 100
 92 59.8 16.7 56.7#
 108 72.7 37.6 77.6





#62

Azobenzene

Concen: 7.19 ng

RT: 11.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion: 77 Resp: 47468

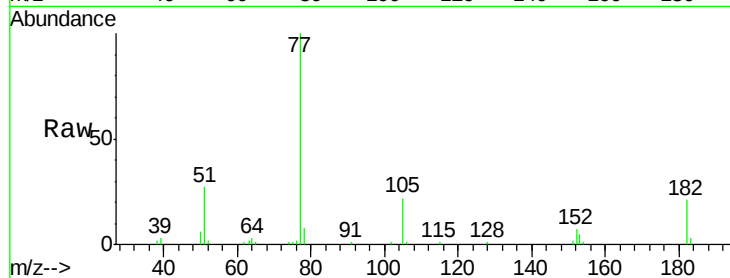
Ion Ratio Lower Upper

77 100

182 21.1 6.5 46.5

105 22.4 3.8 43.8

51 26.8 5.5 45.5

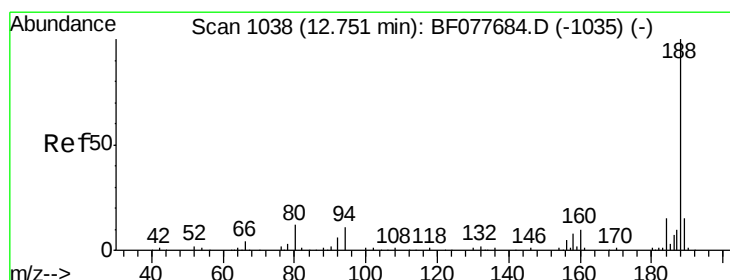
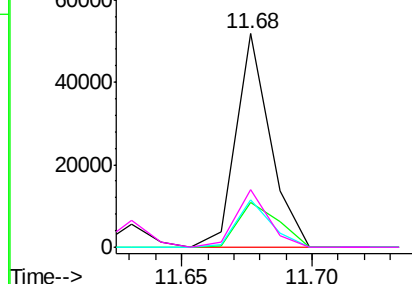
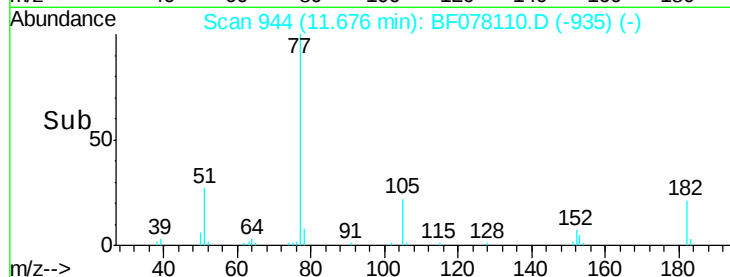


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.63 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

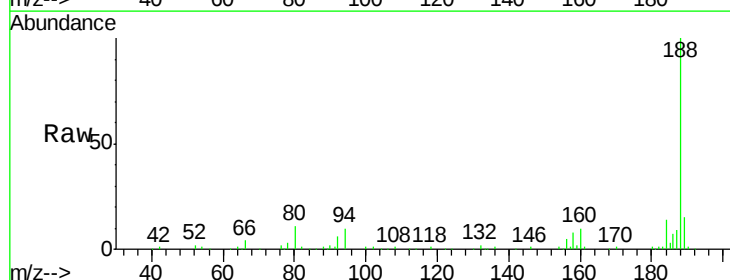
Tgt Ion: 188 Resp: 195730

Ion Ratio Lower Upper

188 100

94 10.0 8.7 13.1

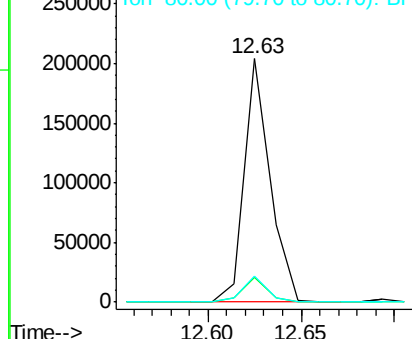
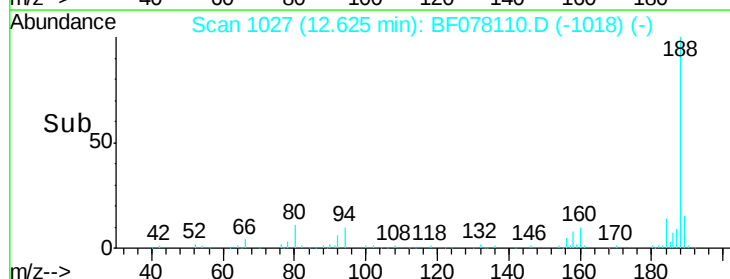
80 10.9 9.3 13.9

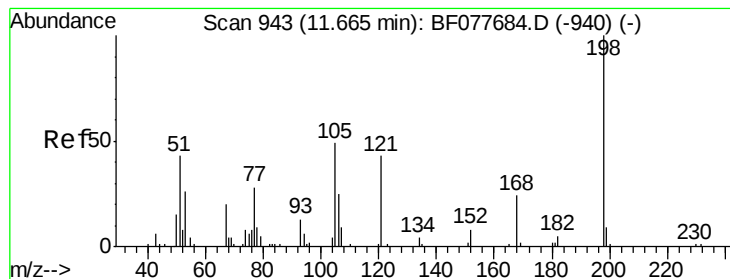


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 7.46 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

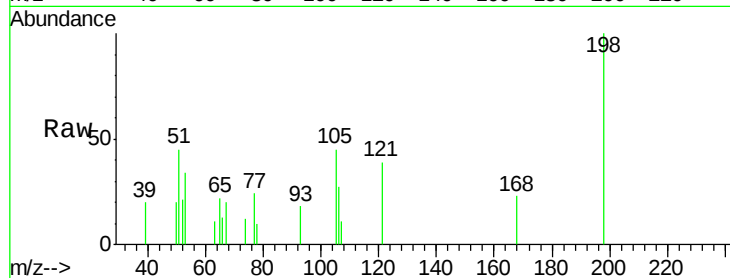
Tgt Ion:198 Resp: 3210

Ion Ratio Lower Upper

198 100

51 44.5 28.8 68.8

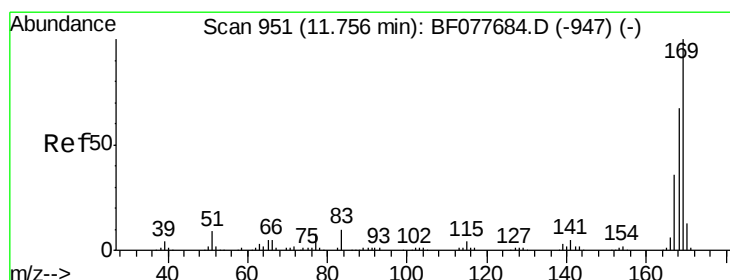
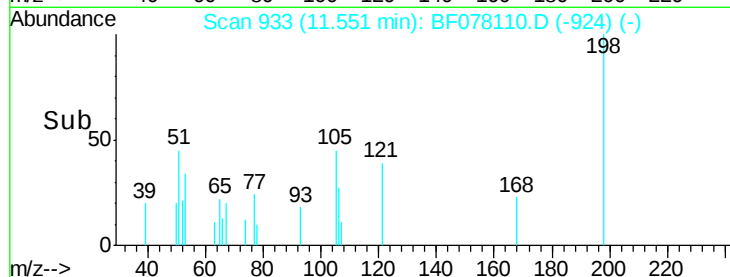
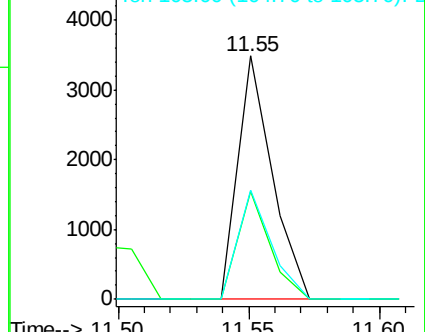
105 44.9 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 7.10 ng

RT: 11.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

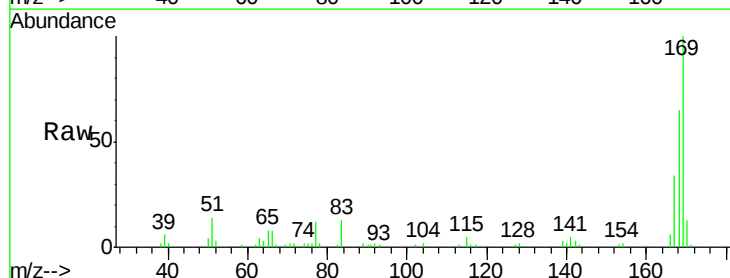
Tgt Ion:169 Resp: 46298

Ion Ratio Lower Upper

169 100

168 65.2 53.9 80.9

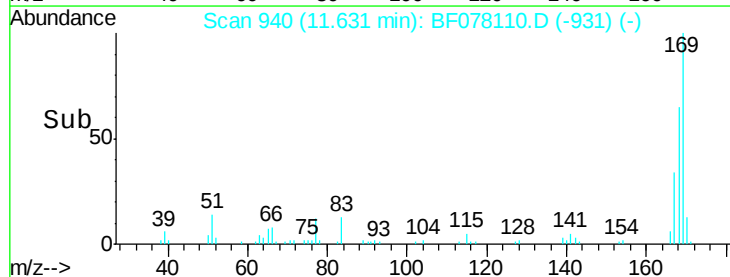
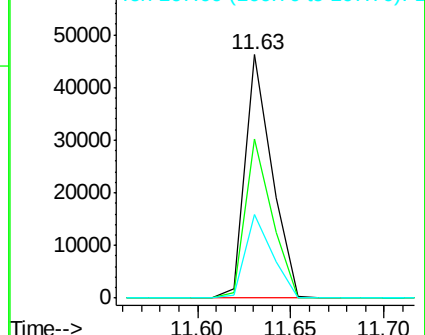
167 34.2 28.9 43.3

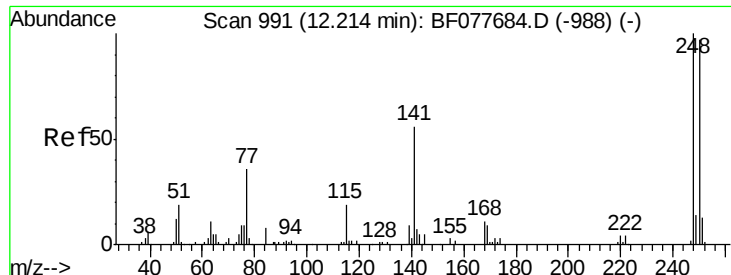


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

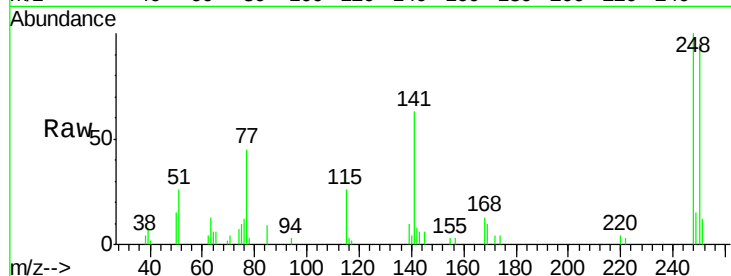




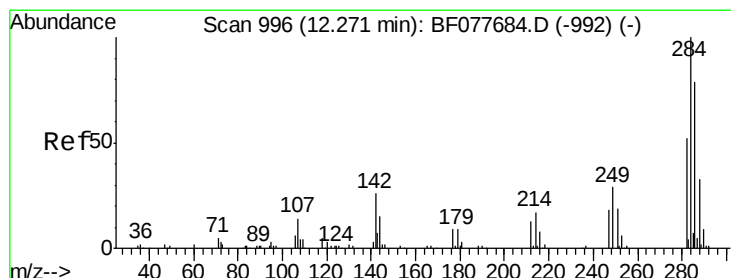
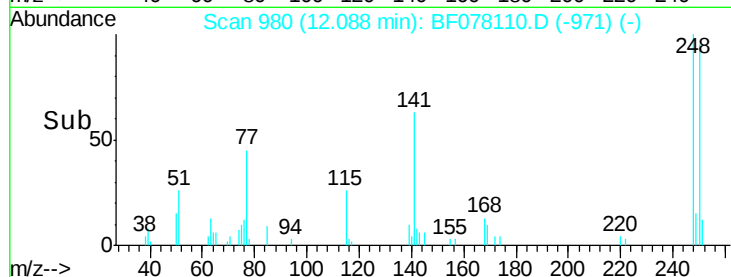
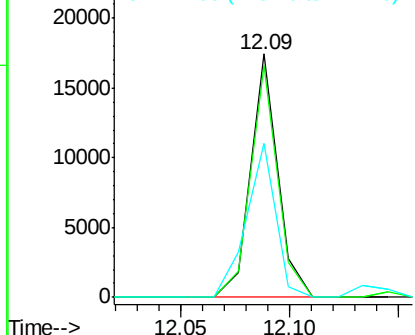
#66
4-Bromophenyl-phenylether
Concen: 7.21 ng
RT: 12.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:248 Resp: 15053
Ion Ratio Lower Upper
248 100
250 95.4 77.4 116.0
141 63.3 45.2 67.8

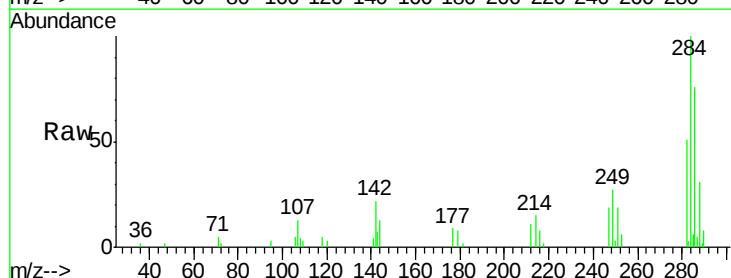


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

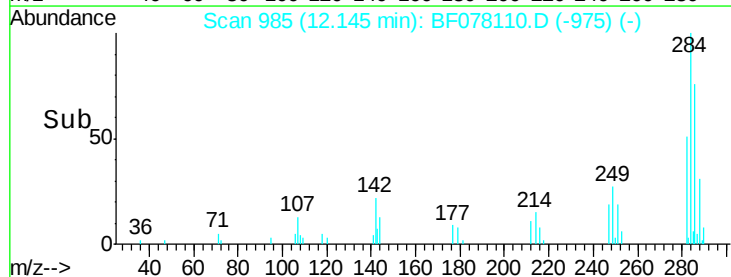
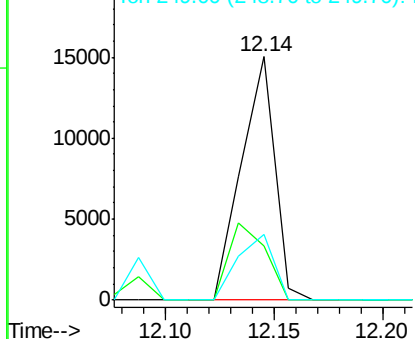


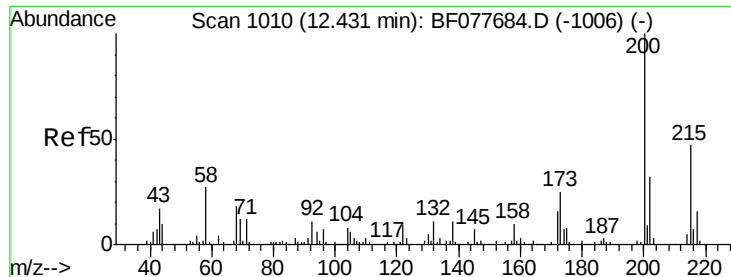
#67
Hexachlorobenzene
Concen: 6.98 ng
RT: 12.14 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion:284 Resp: 16031
Ion Ratio Lower Upper
284 100
142 22.5 20.4 30.6
249 27.2 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

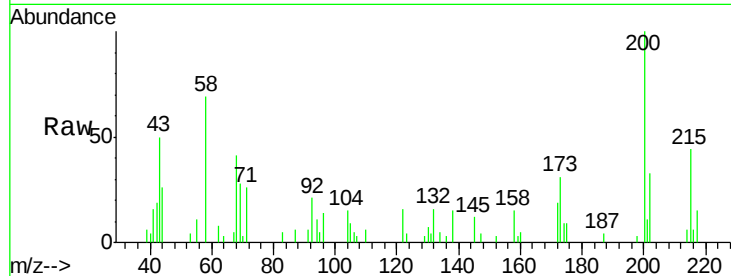




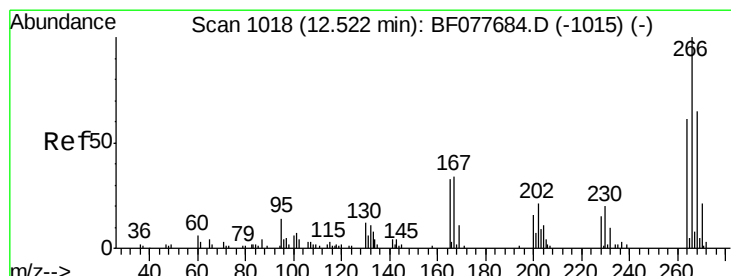
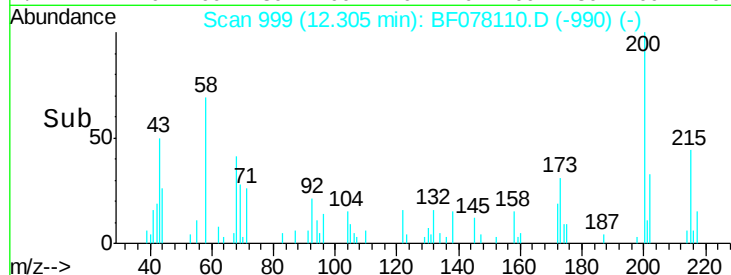
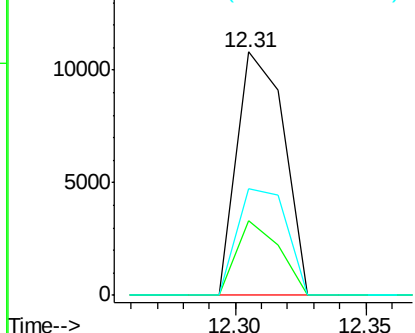
#68
Atrazine
Concen: 7.48 ng
RT: 12.31 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.8	4.8	44.8
215	43.7	26.9	66.9

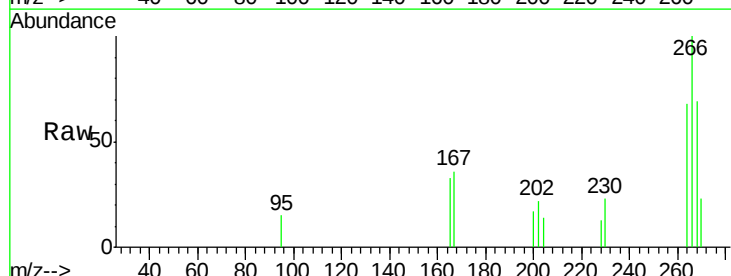


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

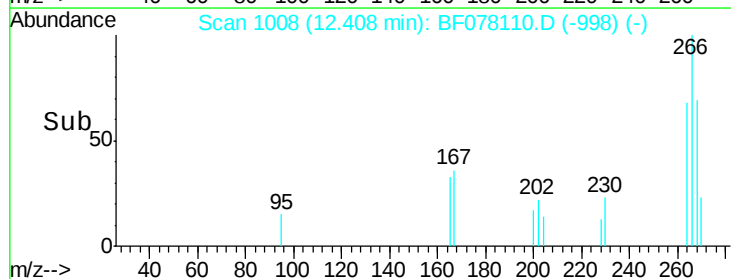
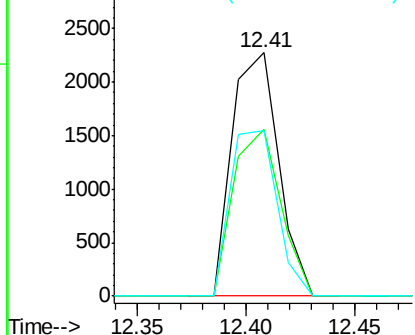


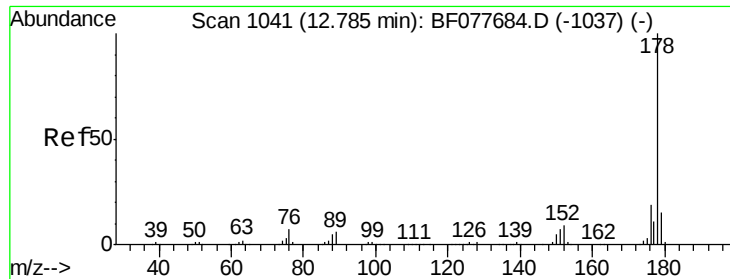
#69
Pentachlorophenol
Concen: 5.78 ng
RT: 12.41 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.8	52.0	78.0
264	68.0	49.0	73.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

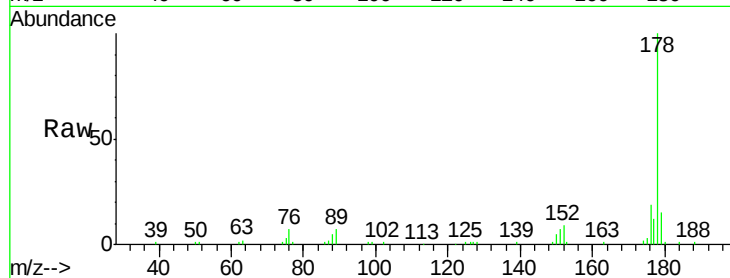




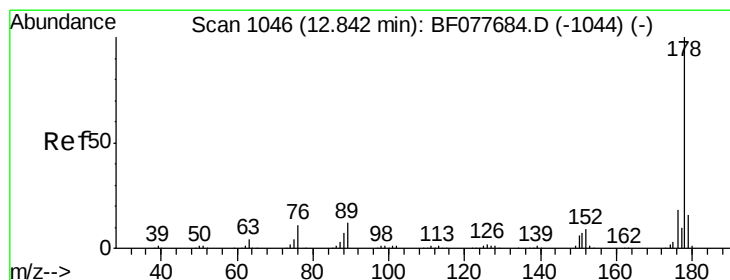
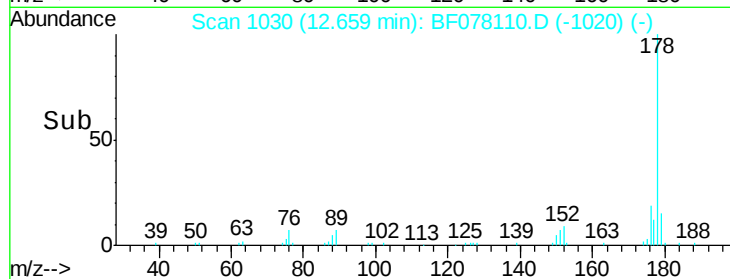
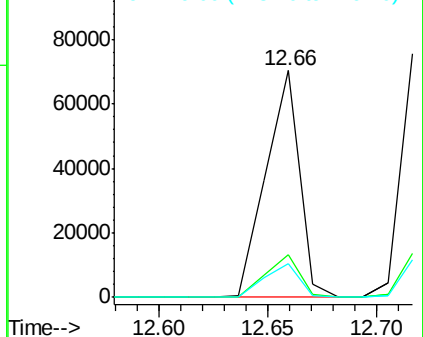
#70
Phenanthrene
Concen: 6.77 ng
RT: 12.66 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:178 Resp: 76118
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 14.8 12.1 18.1

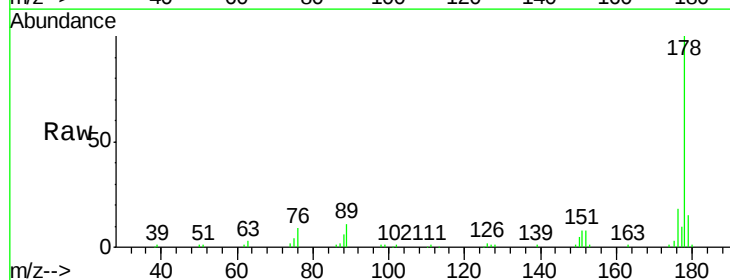


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

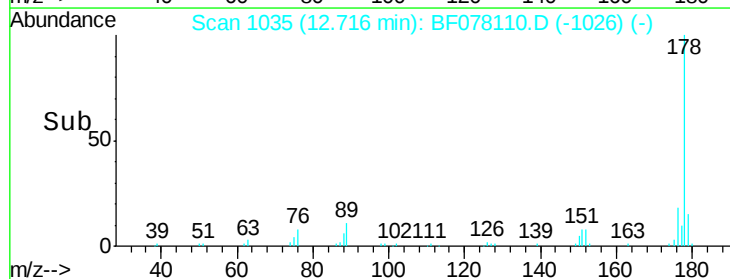
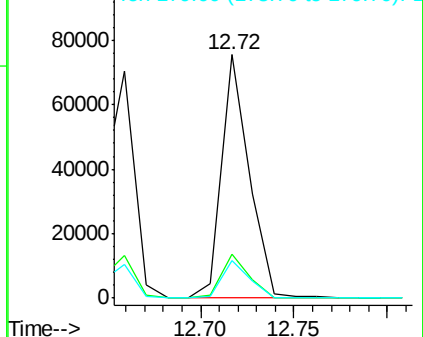


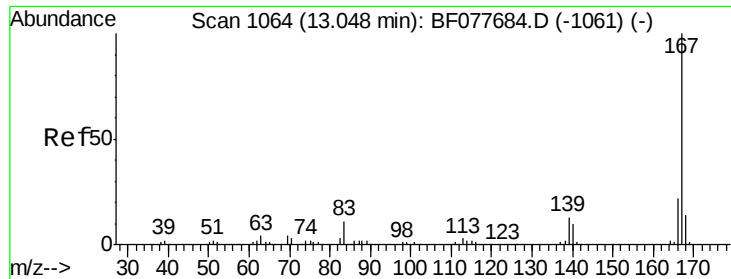
#71
Anthracene
Concen: 7.08 ng
RT: 12.72 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF078110.D
Acq: 31 Mar 2015 12:53

Tgt Ion:178 Resp: 78555
Ion Ratio Lower Upper
178 100
176 17.8 14.6 22.0
179 15.5 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

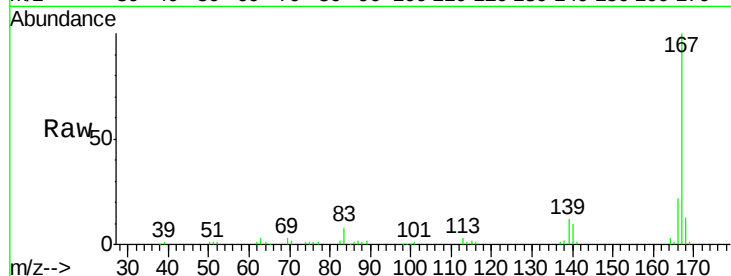




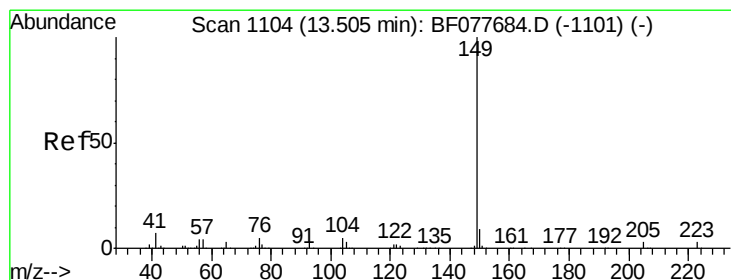
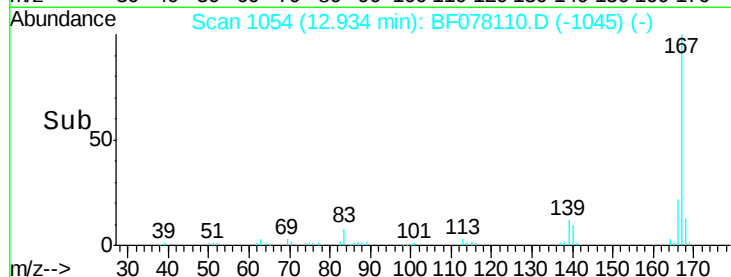
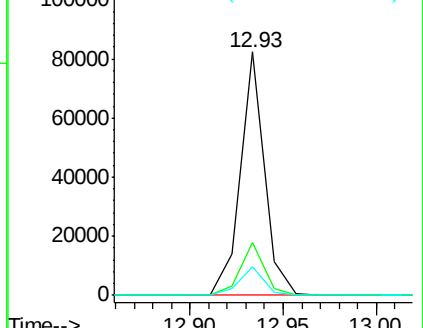
#72
 Carbazole
 Concen: 7.03 ng
 RT: 12.93 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:167 Resp: 74282
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 11.7 10.8 16.2

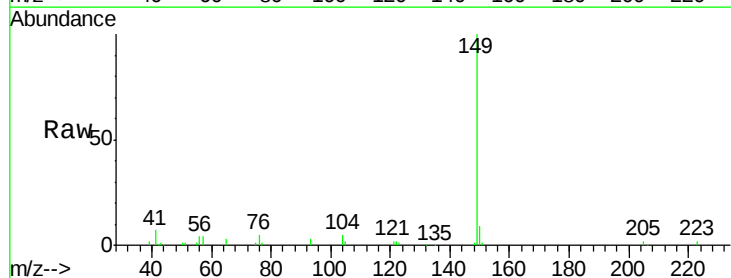


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

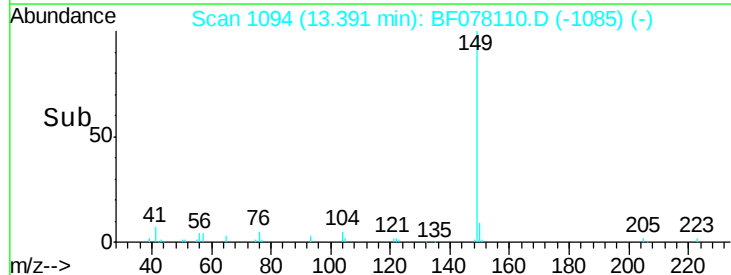
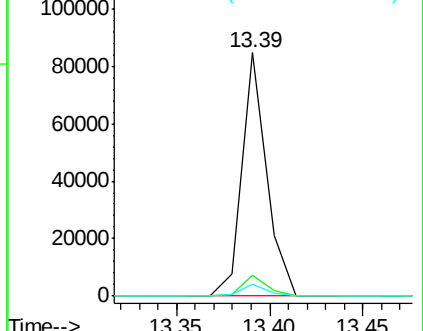


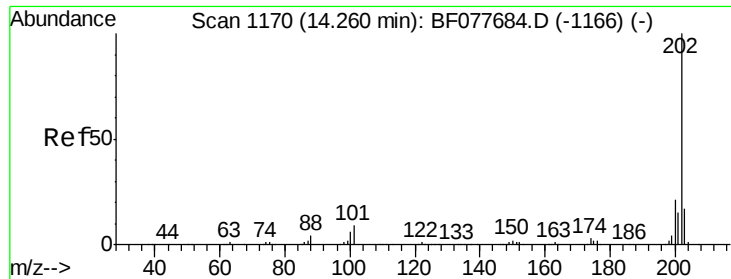
#73
 Di-n-butylphthalate
 Concen: 6.60 ng
 RT: 13.39 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion:149 Resp: 78110
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 4.8 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

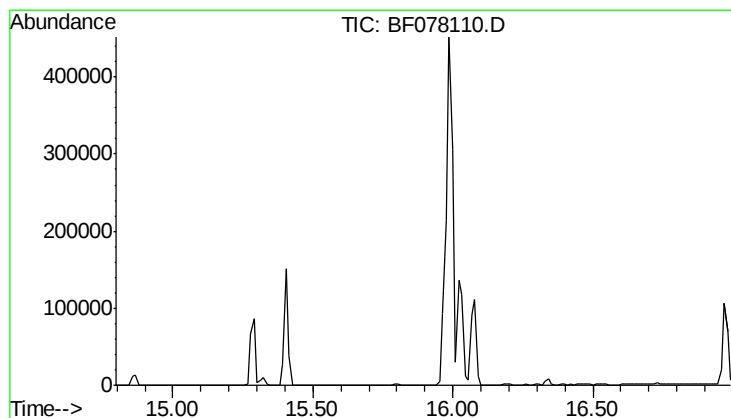
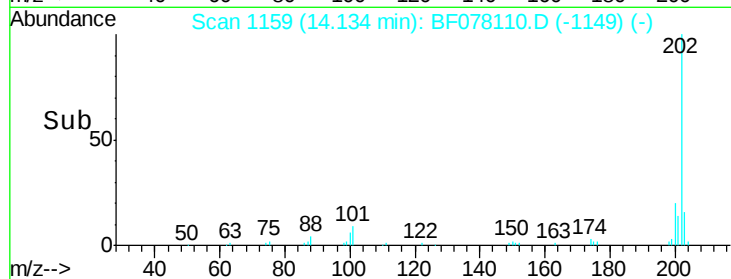
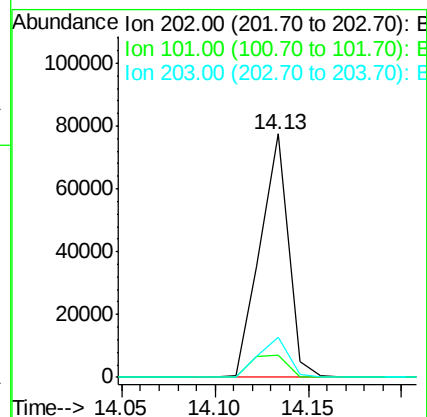
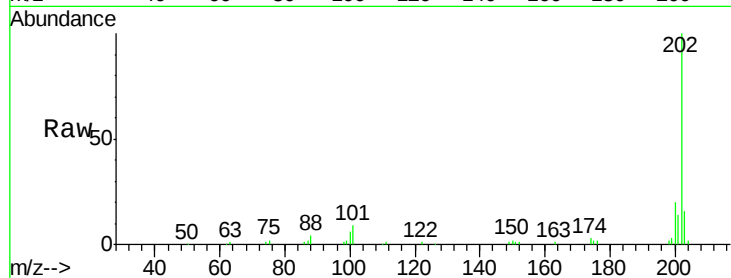




#74
 Fluoranthene
 Concen: 6.56 ng
 RT: 14.13 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

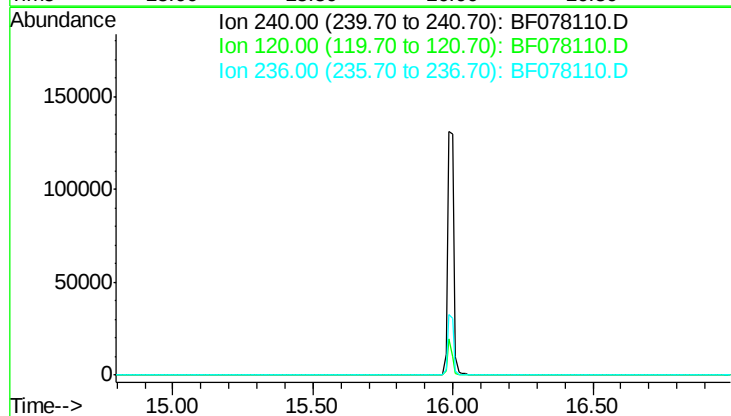
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

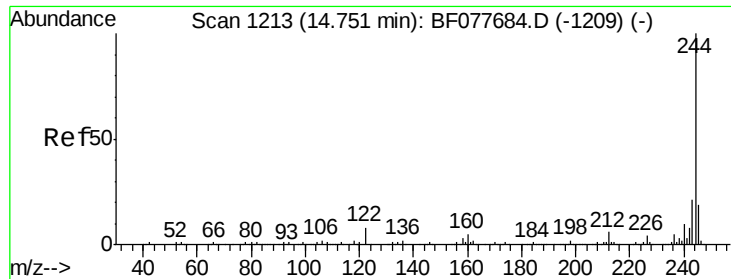
Tgt Ion: 202 Resp: 81284
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 28.7
 203 16.4 0.0 37.2



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.89 min
 Lab File: BF078110.D
 Acq: 31 Mar 2015 12:53

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 10.2
 236 25.0





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 14.64 min Scan# 1203

Delta R.T. 0.02 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

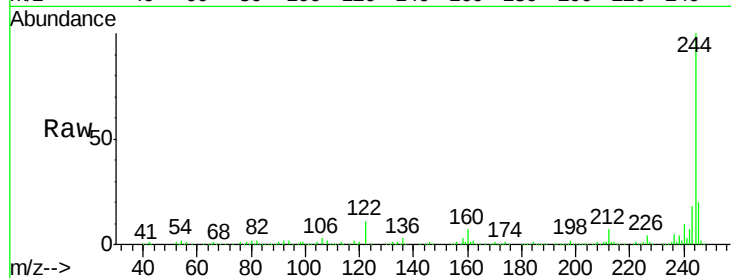
Tgt Ion: 244 Resp: 690855

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

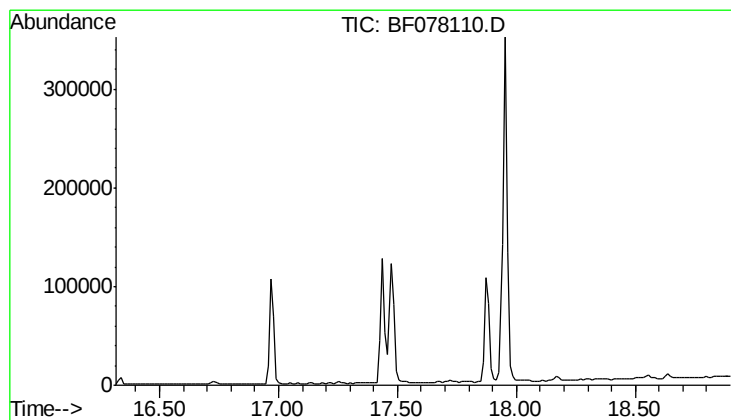
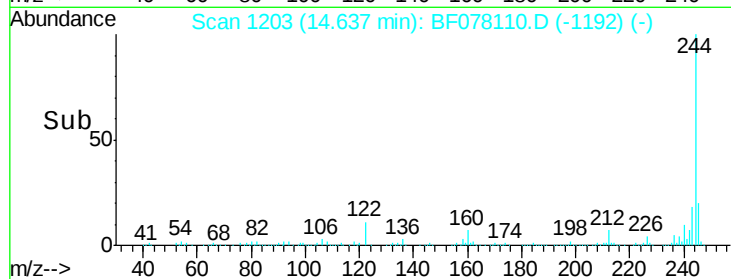
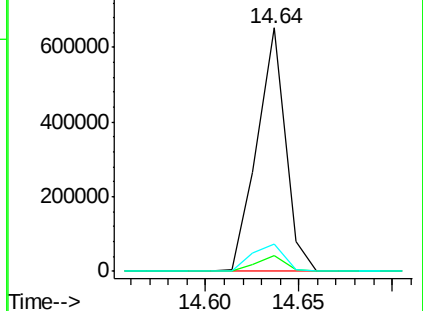
122 11.1 6.2 9.4#



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



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 17.61 min

Lab File: BF078110.D

Acq: 31 Mar 2015 12:53

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.2

265 21.6

