

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010215\
 Data File : BF076732.D
 Acq On : 2 Jan 2015 19:10
 Operator : IZ / TP
 Sample : G1001-03
 Misc : LOD-SOIL-1PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jan 05 10:21:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 02 22:56:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	38498	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	169024	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	89135	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	159545	20.00	ng	0.00
75) Chrysene-d12	15.50	240	154452	20.00	ng	-0.01
86) Perylene-d12	17.19	264	144936	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.89	112	289975	127.70	ng	0.01
7) Phenol-d6	6.31	99	382626	137.96	ng	0.00
23) Nitrobenzene-d5	7.42	82	216457	76.16	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	94201	125.04	ng	-0.01
44) 2-Fluorobiphenyl	9.65	172	435093	75.96	ng	-0.01
78) Terphenyl-d14	14.25	244	490177	70.00	ng	-0.01

Target Compounds

						Qvalue
8) 2-Chlorophenol	6.44	128	3231	1.24	ng	97
10) Phenol	6.32	94	3837	1.14	ng	88
11) bis(2-Chloroethyl)ether	6.42	93	3320	1.37	ng	# 84
12) 1,3-Dichlorobenzene	6.63	146	3433	1.14	ng	# 89
13) 1,4-Dichlorobenzene	6.73	146	3835	1.25	ng	# 90
14) 1,2-Dichlorobenzene	6.92	146	3346	1.15	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.11	45	3957	1.13	ng	80
17) 2-Methylphenol	7.09	107	2252	1.05	ng	# 79
18) Hexachloroethane	7.33	117	956	0.87	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	2230m	1.10	ng	
20) 3+4-Methylphenols	7.30	107	2815	0.98	ng	89
22) Acetophenone	7.25	105	4858	1.20	ng	# 98
24) Nitrobenzene	7.44	77	4242	1.44	ng	96
26) 2-Nitrophenol	7.85	139	944	0.66	ng	# 75
27) 2,4-Dimethylphenol	7.94	122	2310	0.99	ng	90
28) bis(2-Chloroethoxy)methane	8.06	93	3502	1.09	ng	96
29) 2,4-Dichlorophenol	8.16	162	2420	1.06	ng	90
30) 1,2,4-Trichlorobenzene	8.24	180	2474	1.00	ng	# 75
31) Naphthalene	8.32	128	9855	1.18	ng	# 96
33) 4-Chloroaniline	8.42	127	1524	0.45	ng	# 69
34) Hexachlorobutadiene	8.49	225	1316	0.92	ng	89
35) Caprolactam	8.84	113	274	0.42	ng	# 43
36) 4-Chloro-3-methylphenol	9.05	107	3094	1.21	ng	# 72
37) 2-Methylnaphthalene	9.18	142	5918	1.01	ng	84
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	2439	1.11	ng	# 74
40) Hexachlorocyclopentadiene	9.37	237	798m	7.37	ng	
42) 2,4,6-Trichlorophenol	9.54	196	1657	1.04	ng	# 46
43) 2,4,5-Trichlorophenol	9.60	196	917	0.54	ng	# 88
45) 1,1'-Biphenyl	9.76	154	8369	1.26	ng	94
46) 2-Chloronaphthalene	9.77	162	6348	1.21	ng	# 91
47) 2-Nitroaniline	9.92	65	1734	1.09	ng	98
48) Acenaphthylene	10.28	152	10705	1.20	ng	99
49) Dimethylphthalate	10.17	163	7409	1.18	ng	# 94
50) 2,6-Dinitrotoluene	10.23	165	1194	0.92	ng	# 41

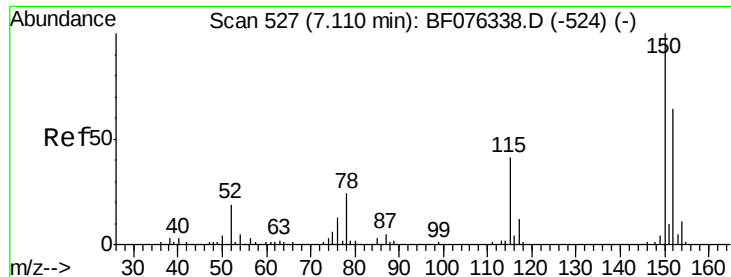
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	10.49	154	5919	1.17	nq	95
52) 3-Nitroaniline	10.44	138	991	0.68	nq #	21
54) Dibenzofuran	10.71	168	9021	1.23	nq	89
57) Fluorene	11.12	166	7134	1.16	nq #	77
58) 2,3,4,6-Tetrachlorophenol	10.87	232	1200	0.94	nq #	100
59) Diethylphthalate	11.04	149	8133	1.26	nq	99
60) 4-Chlorophenyl-phenylether	11.15	204	2898	1.09	nq #	80
61) 4-Nitroaniline	11.18	138	1237	0.80	nq #	67
62) Azobenzene	11.34	77	6226	0.98	nq	88
64) 4,6-Dinitro-2-methylphenol	11.23	198	220	0.22	nq #	20
65) n-Nitrosodiphenylamine	11.29	169	5329	0.95	nq	98
66) 4-Bromophenyl-phenylether	11.75	248	1747	1.12	nq #	72
67) Hexachlorobenzene	11.79	284	1991	1.10	nq #	88
69) Pentachlorophenol	12.05	266	942	1.06	nq	94
70) Phenanthrene	12.29	178	11731	1.22	nq	98
71) Anthracene	12.36	178	10696	1.13	nq	98
72) Carbazole	12.57	167	9843	1.07	nq	98
73) Di-n-butylphthalate	13.05	149	10596	0.94	nq	98
74) Fluoranthene	13.75	202	10384	1.06	nq	97
77) Pyrene	14.01	202	11362	1.05	nq	99
79) Butylbenzylphthalate	14.89	149	3770	0.73	nq	99
80) Benzo(a)anthracene	15.50	228	10633	1.11	nq	92
81) 3,3'-Dichlorobenzidine	15.50	252	2186	0.68	nq #	80
82) Chrysene	15.53	228	10713m	1.22	nq	
83) Bis(2-ethylhexyl)phthalate	15.61	149	5862m	0.75	nq	
84) Di-n-octyl phthalate	16.40	149	8888	0.67	nq #	98
85) Indeno(1,2,3-cd)pyrene	18.37	276	9938	1.03	nq #	91
87) Benzo(b)fluoranthene	16.76	252	10925	1.14	nq #	91
88) Benzo(k)fluoranthene	16.79	252	8908m	1.00	nq	
89) Benzo(a)pyrene	17.13	252	8404	0.98	nq	98
90) Dibenzo(a,h)anthracene	18.39	278	8688	1.03	nq	93
91) Benzo(g,h,i)perylene	18.68	276	8856	1.08	nq	91

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

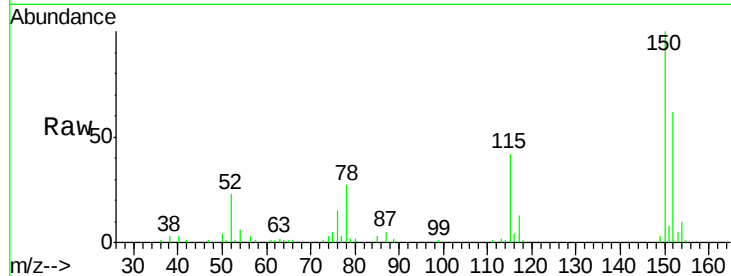


#1

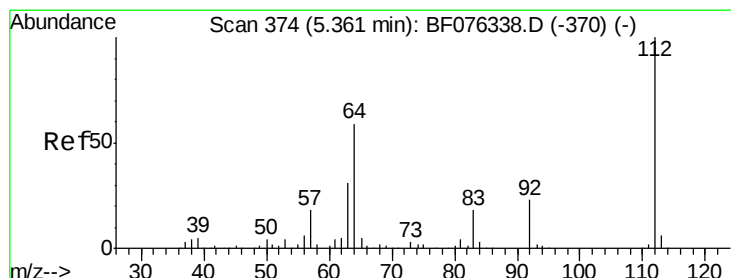
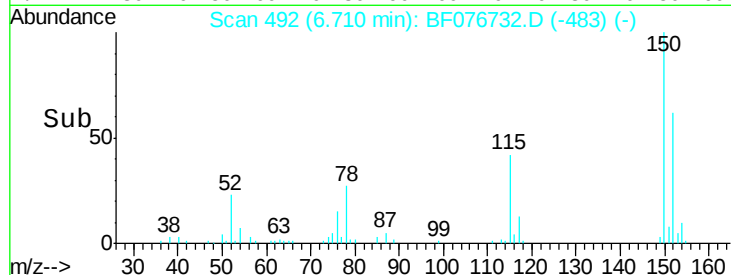
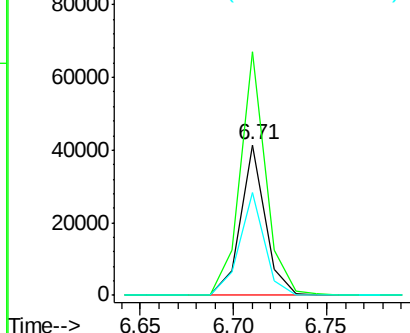
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:152 Resp: 38498
Ion Ratio Lower Upper
152 100
150 162.1 125.2 187.8
115 68.3 51.4 77.0



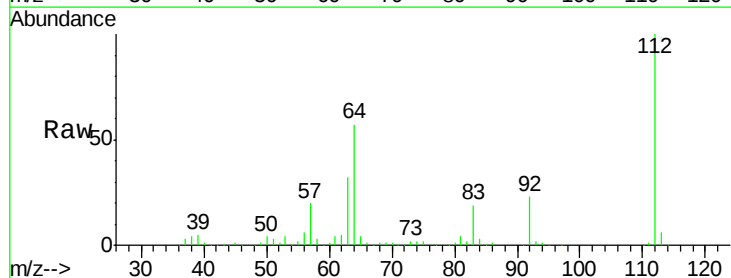
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



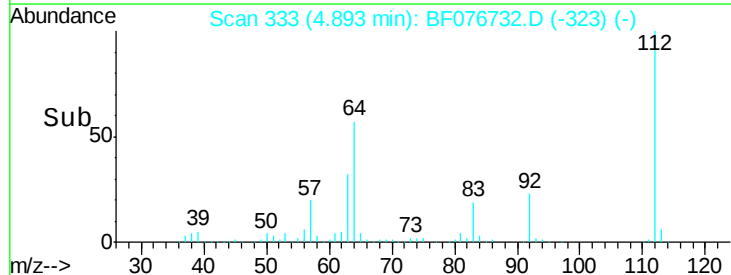
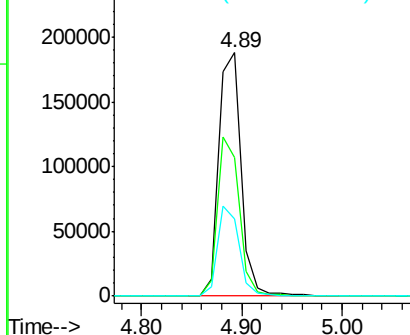
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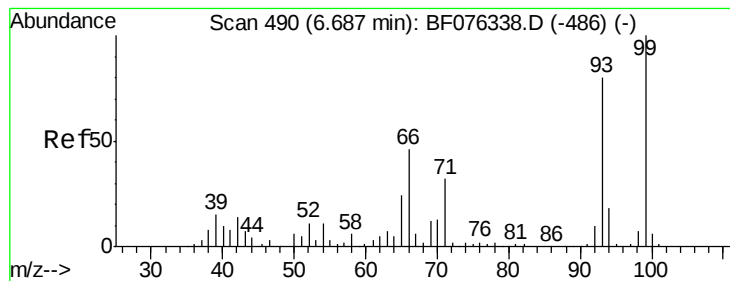
2-Fluorophenol
Concen: 127.70 ng
RT: 4.89 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:112 Resp: 289975
Ion Ratio Lower Upper
112 100
64 57.1 47.4 71.0
63 31.6 25.0 37.4



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





#7

Phenol-d6

Concen: 137.96 ng

RT: 6.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

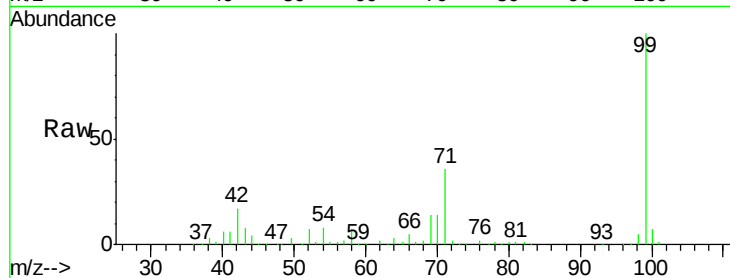
Tot Ion: 99 Resp: 382626

Ion Ratio Lower Upper

99 100

42 16.6 11.6 17.4

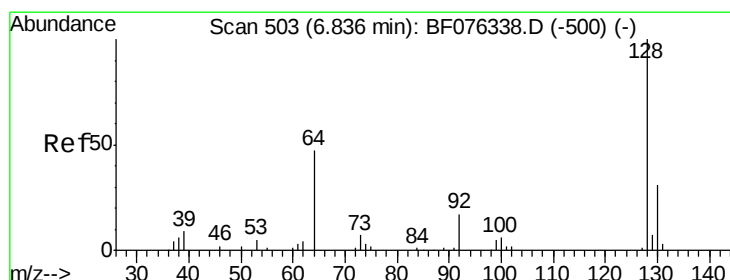
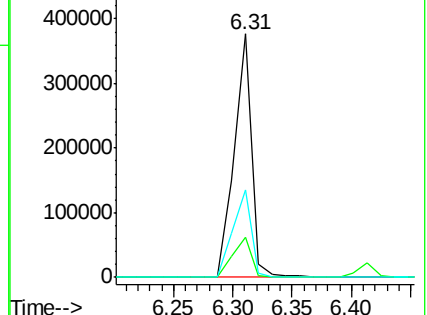
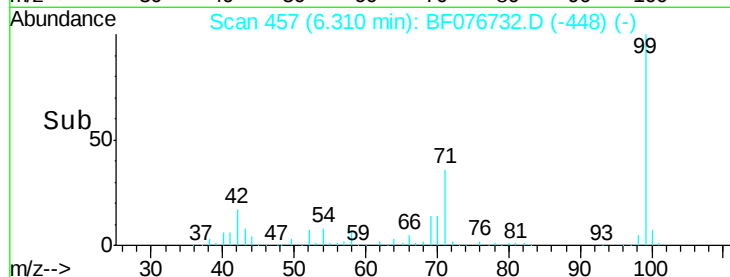
71 36.2 25.9 38.9



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: 1.24 ng

RT: 6.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

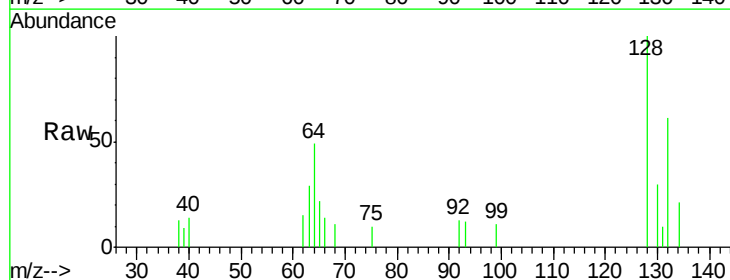
Tgt Ion: 128 Resp: 3231

Ion Ratio Lower Upper

128 100

130 30.0 11.3 51.3

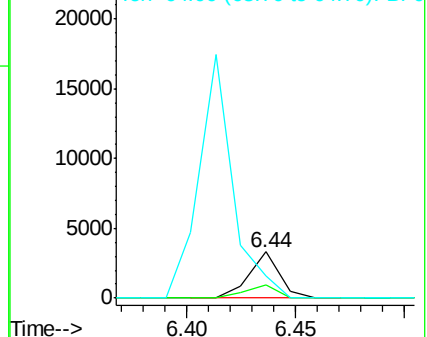
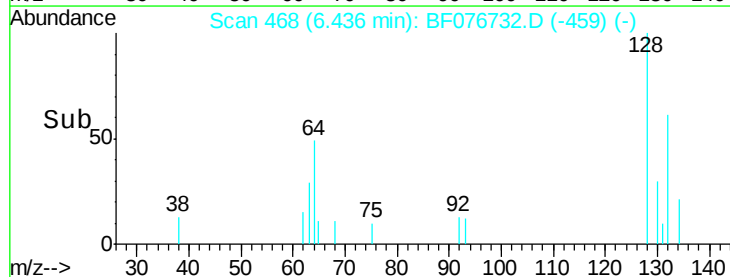
64 48.9 31.3 71.3

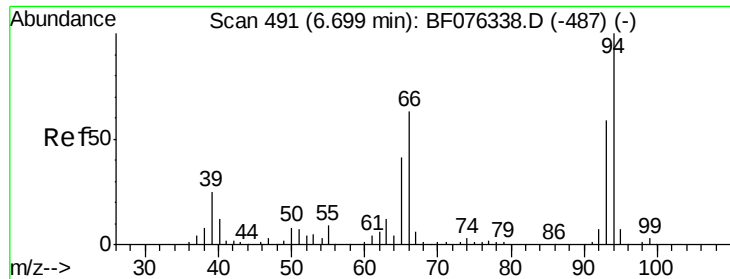


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 1.14 ng

RT: 6.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

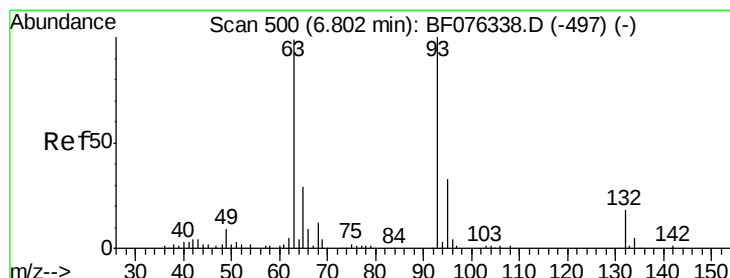
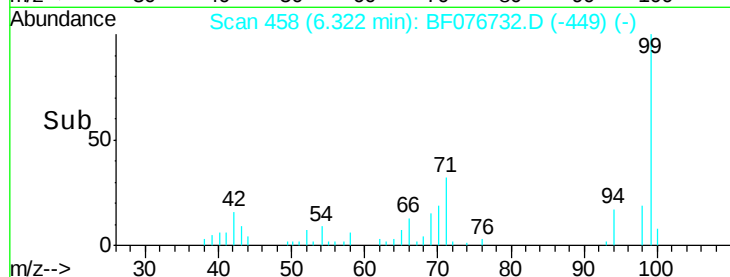
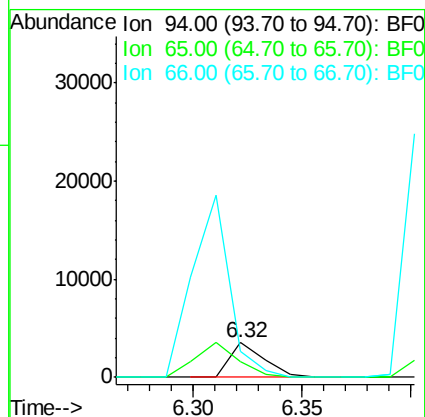
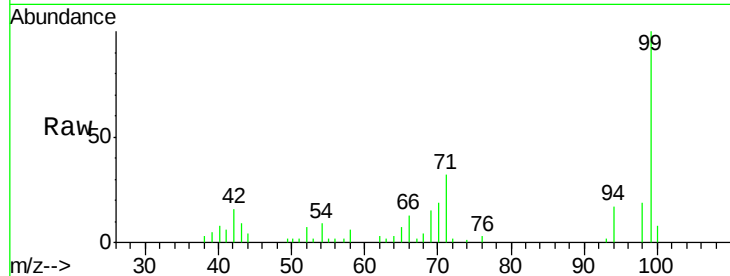
Tot Ion: 94 Resp: 3837

Ion Ratio Lower Upper

94 100

65 44.0 21.5 61.5

66 76.8 42.9 82.9



#11

bis(2-Chloroethyl)ether

Concen: 1.37 ng

RT: 6.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

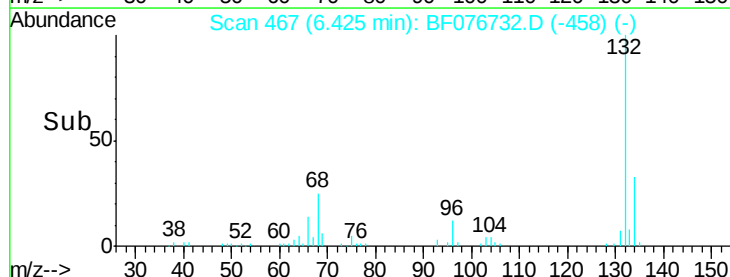
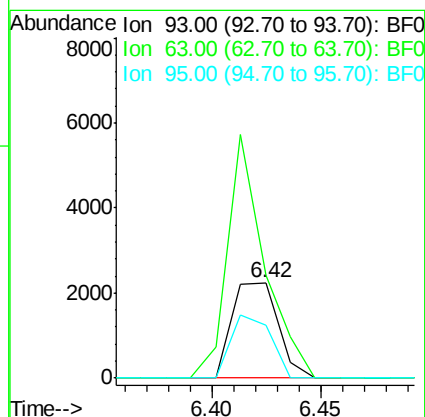
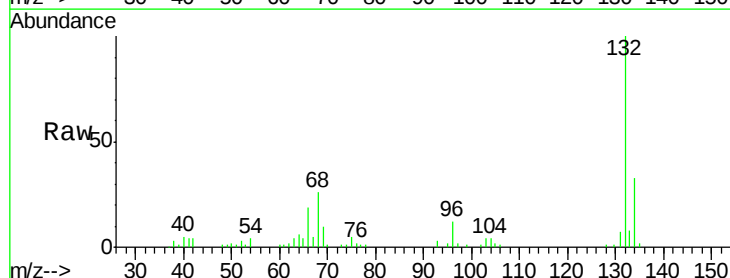
Tgt Ion: 93 Resp: 3320

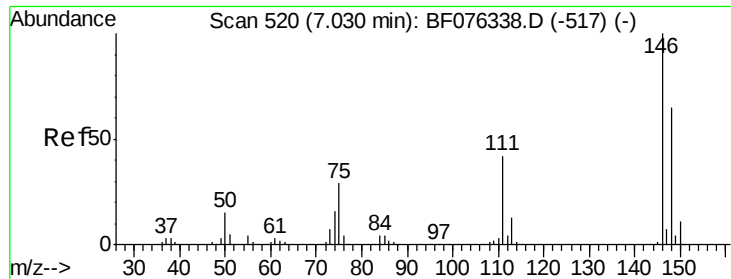
Ion Ratio Lower Upper

93 100

63 107.3 79.1 119.1

95 56.0 12.6 52.6#

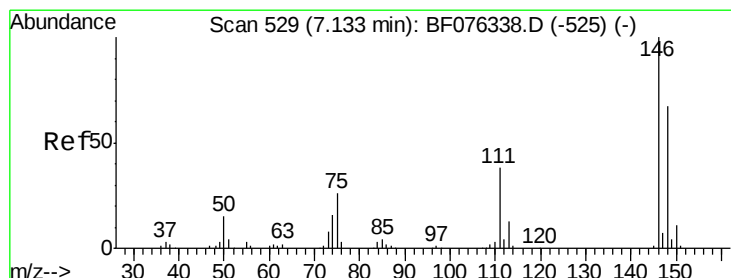
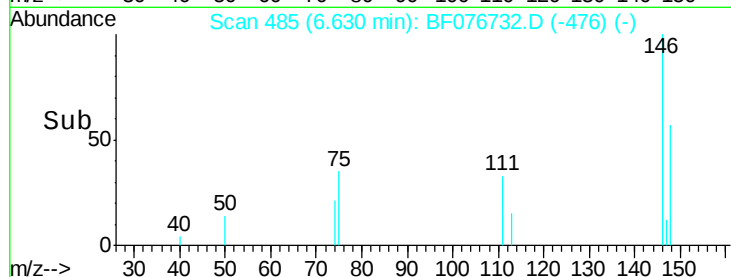
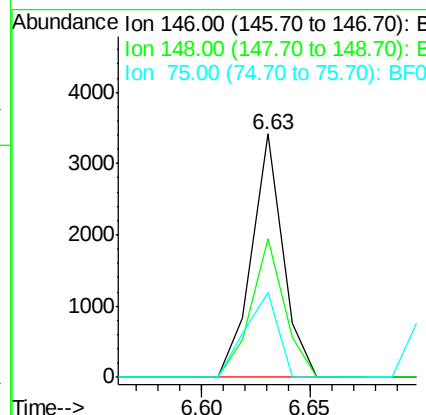
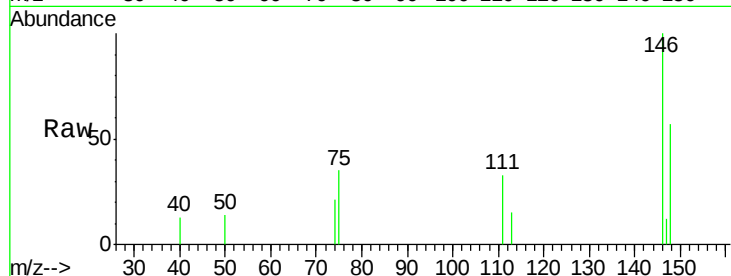




#12
 1,3-Dichlorobenzene
 Concen: 1.14 ng
 RT: 6.63 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

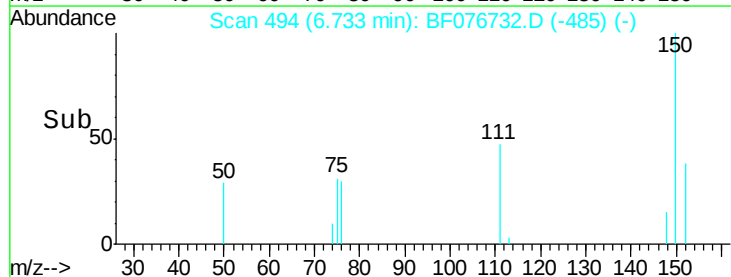
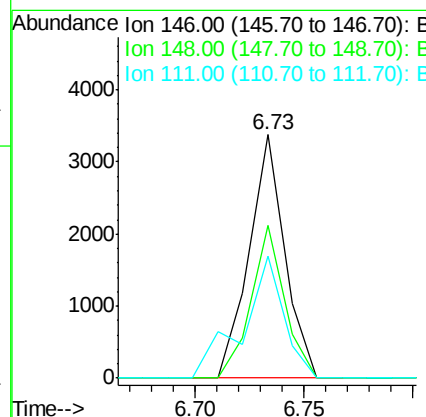
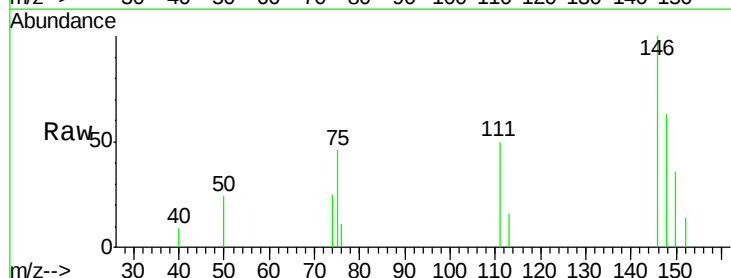
Instrument :
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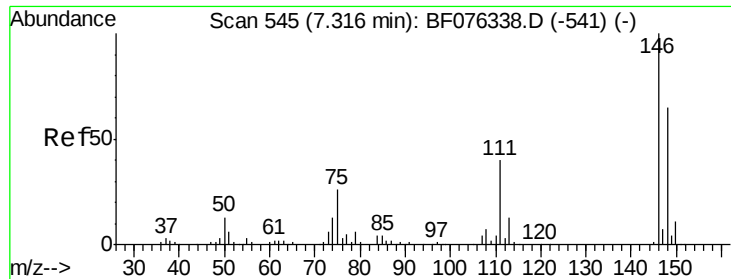
Tot Ion:146 Resp: 3433
 Ion Ratio Lower Upper
 146 100
 148 56.9 52.2 78.2
 75 35.1 23.0 34.4#



#13
 1,4-Dichlorobenzene
 Concen: 1.25 ng
 RT: 6.73 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion:146 Resp: 3835
 Ion Ratio Lower Upper
 146 100
 148 62.9 53.2 79.8
 111 50.3 30.7 46.1#

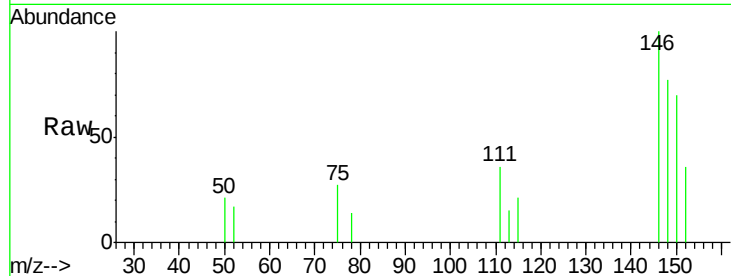




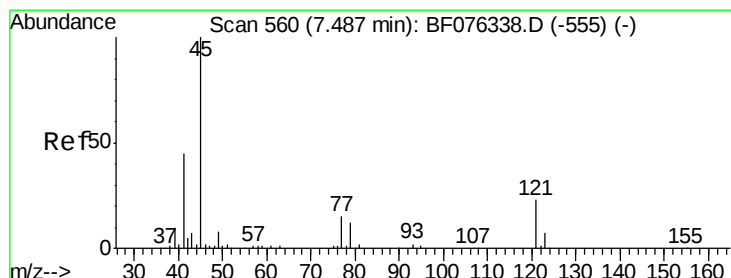
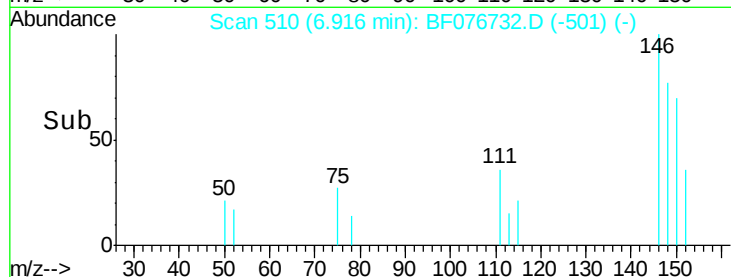
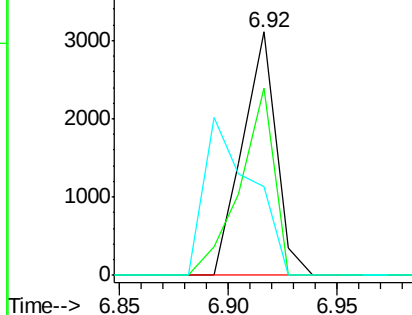
#14
 1,2-Dichlorobenzene
 Concen: 1.15 ng
 RT: 6.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:146 Resp: 3346
 Ion Ratio Lower Upper
 146 100
 148 77.0 52.2 78.2
 111 36.4 32.2 48.2

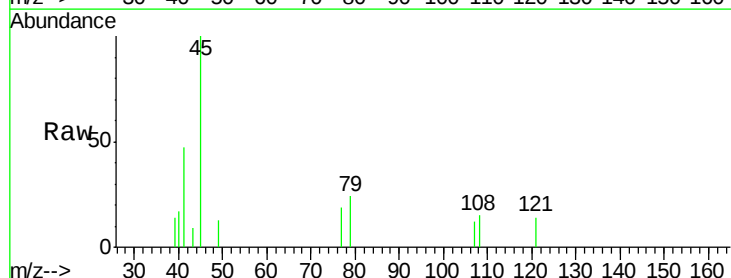


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

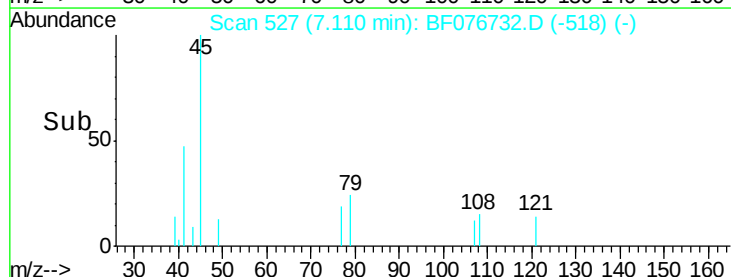
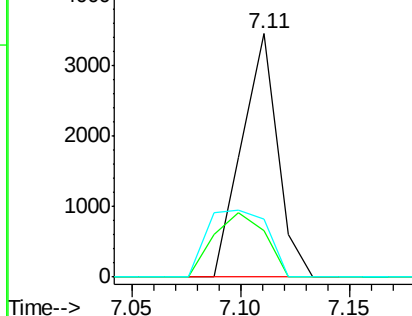


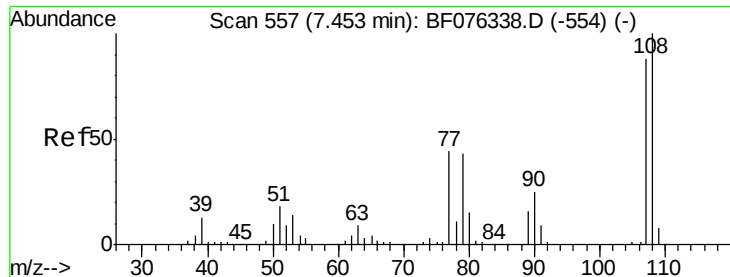
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 1.13 ng
 RT: 7.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion: 45 Resp: 3957
 Ion Ratio Lower Upper
 45 100
 77 19.1 0.0 34.5
 79 24.0 0.0 32.3



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: 1.05 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:107 Resp: 2252

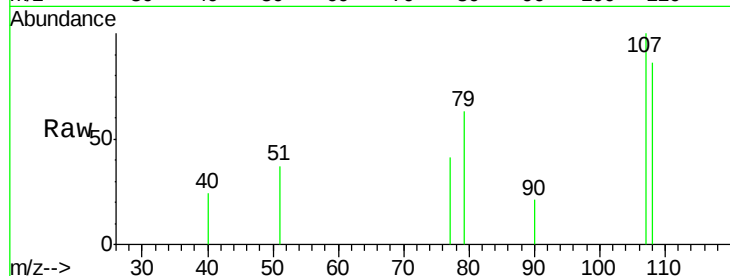
Ion Ratio Lower Upper

107 100

108 86.5 90.6 135.8#

77 41.4 40.1 60.1

79 62.8 38.6 57.8#

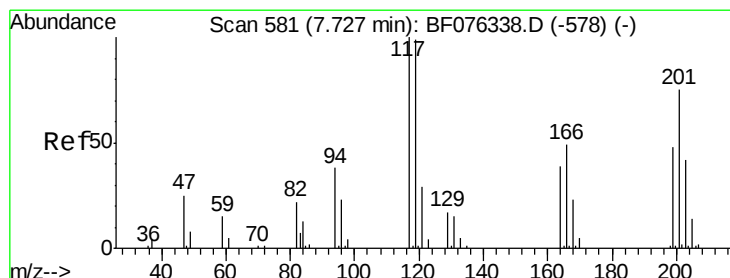
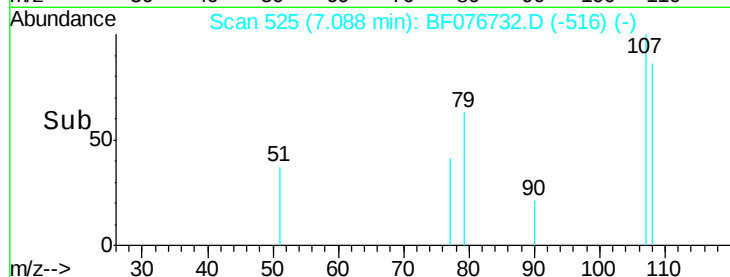
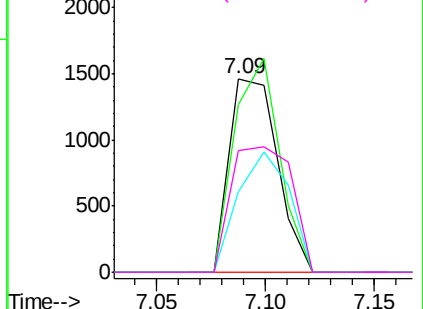


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.87 ng

RT: 7.33 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

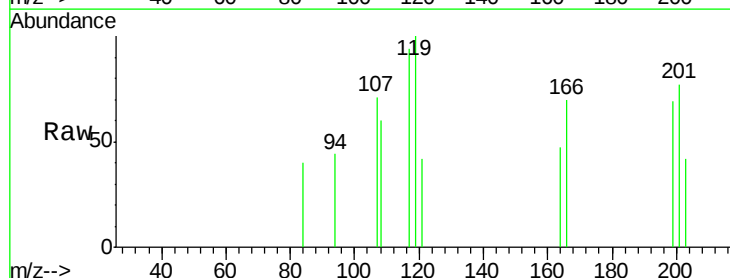
Tgt Ion:117 Resp: 956

Ion Ratio Lower Upper

117 100

119 105.9 79.3 118.9

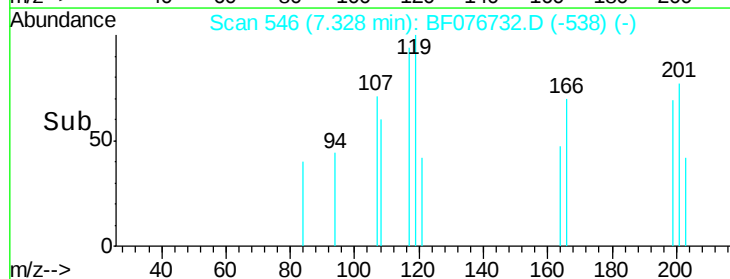
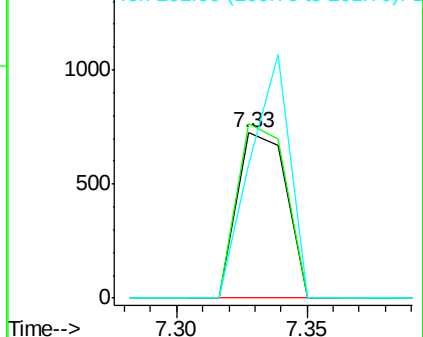
201 81.1 59.7 89.5

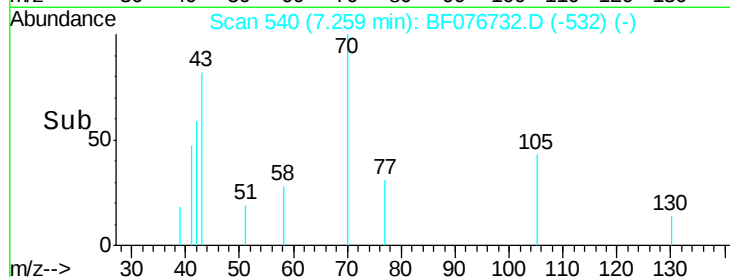
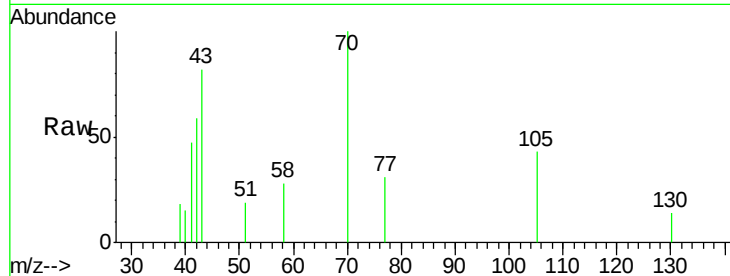
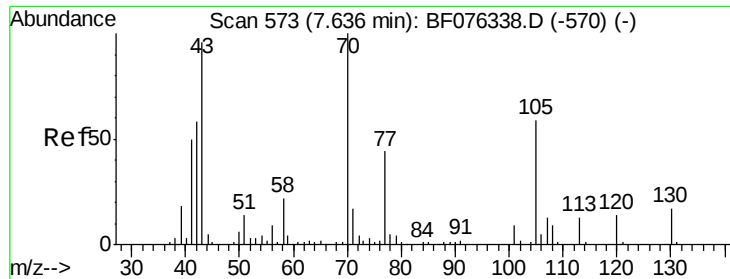


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

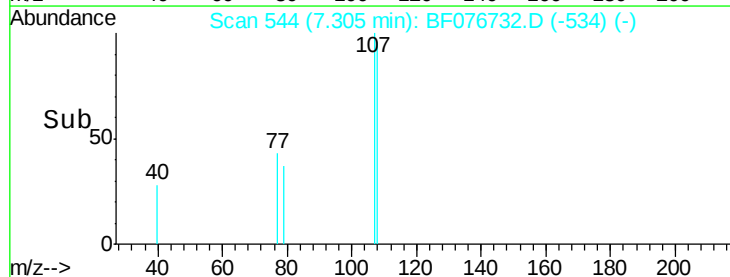
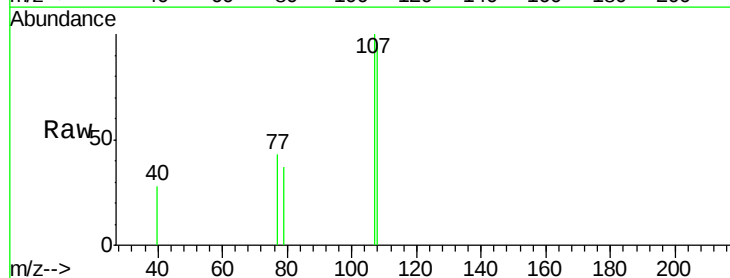
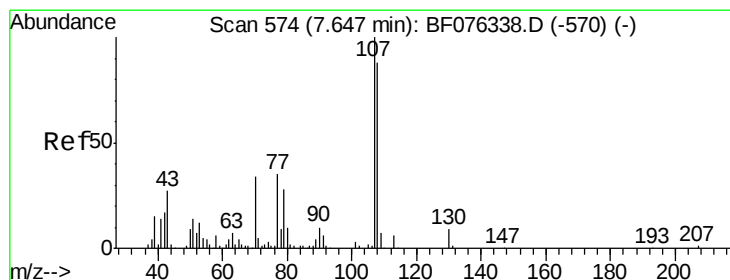
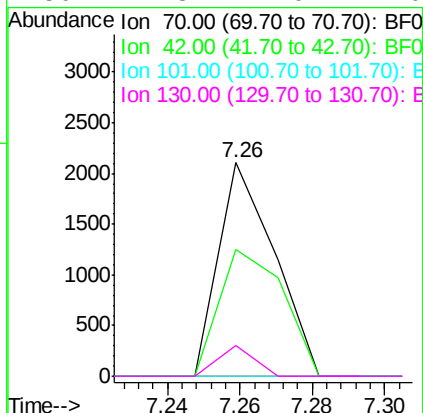




#19
n-Nitroso-di-n-propylamine
Concen: 1.10 ng/ml
RT: 7.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

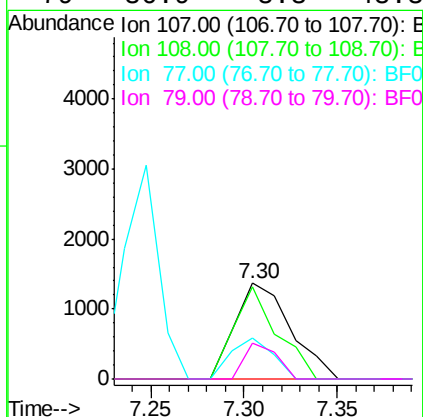
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

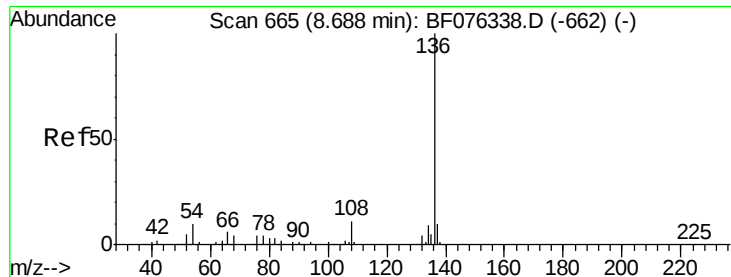
Tot Ion:	70	Resp:	2230
Ion	Ratio	Lower	Upper
70	100		
42	59.1	46.6	70.0
101	0.0	7.0	10.6
130	14.3	14.0	21.0



#20
3+4-Methylphenols
Concen: 0.98 ng/ml
RT: 7.30 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:	107	Resp:	2815
Ion	Ratio	Lower	Upper
107	100		
108	95.7	67.5	107.5
77	43.3	15.2	55.2
79	36.9	8.3	48.3

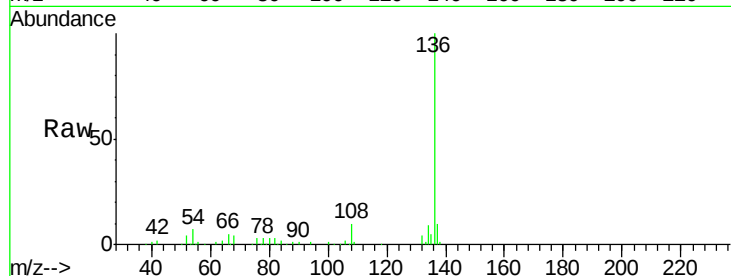




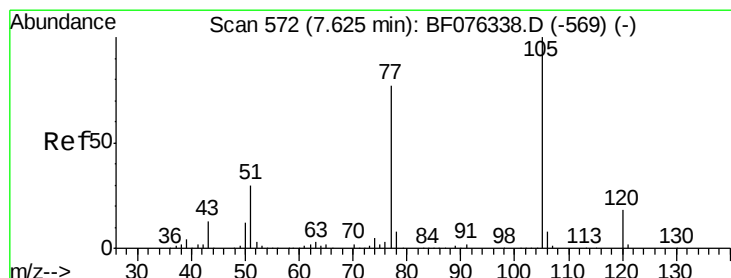
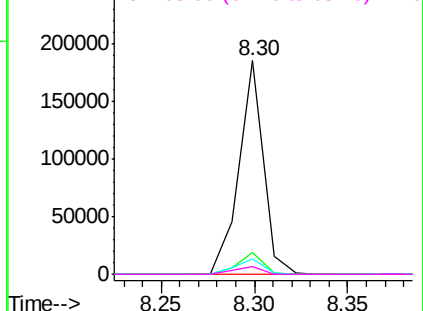
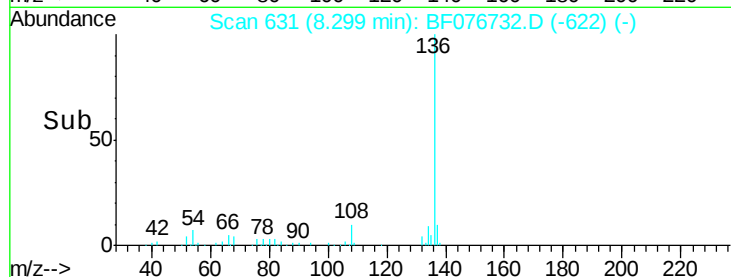
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:136	Resp:	169024
Ion	Ratio	Lower Upper
136	100	
137	10.0	8.4 12.6
54	7.0	7.8 11.6#
68	3.8	3.4 5.2

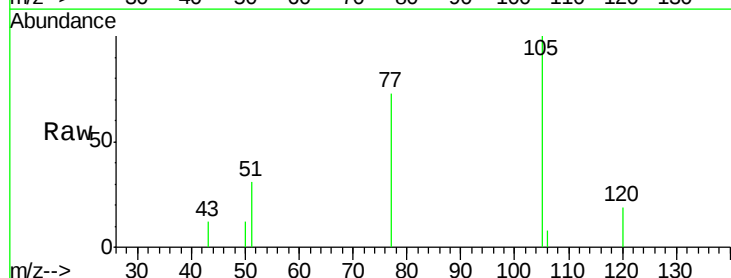


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

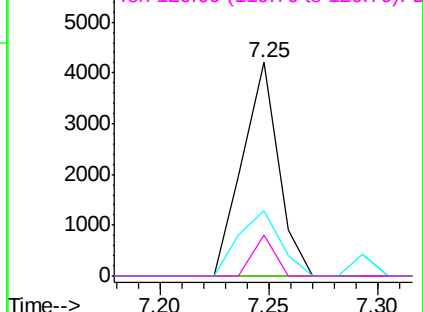
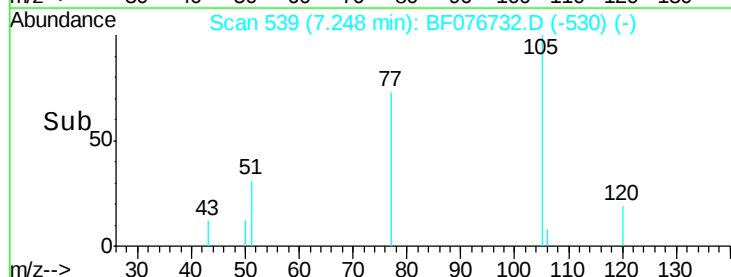


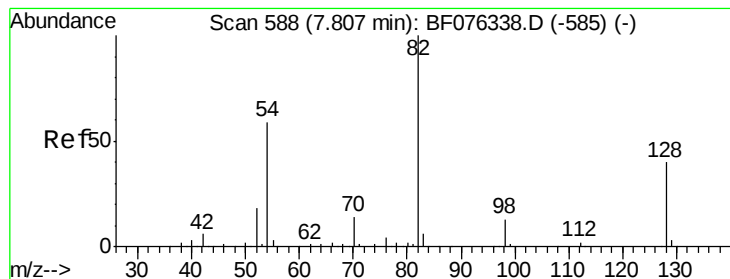
#22
Acetophenone
Concen: 1.20 ng
RT: 7.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:105	Resp:	4858
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.3 0.5#
51	30.6	23.8 35.8
120	19.4	14.6 22.0



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: 76.16 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

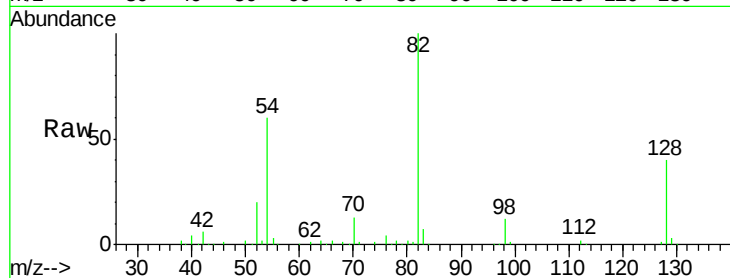
Tot Ion: 82 Resp: 216457

Ion Ratio Lower Upper

82 100

128 40.3 31.9 47.9

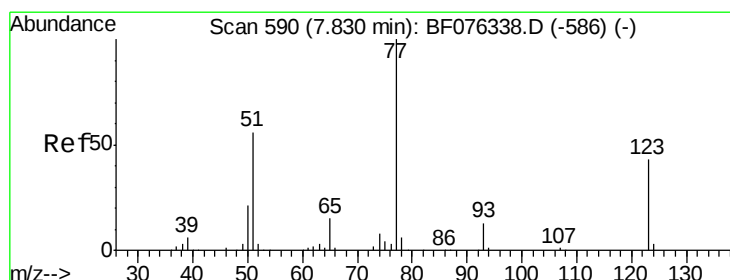
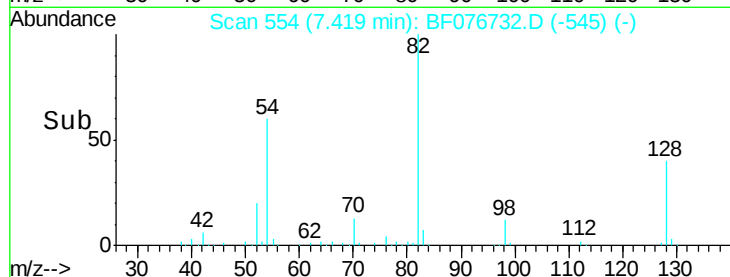
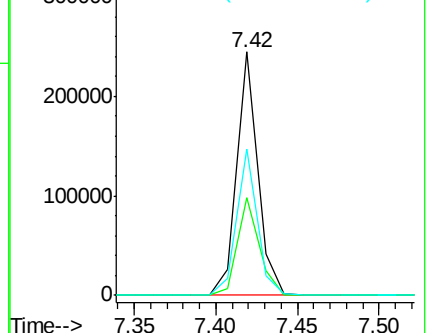
54 59.9 47.2 70.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 1.44 ng

RT: 7.44 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

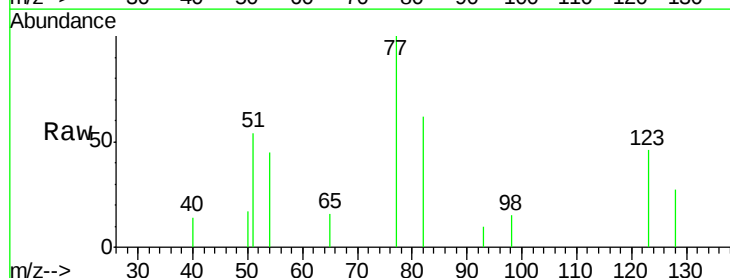
Tgt Ion: 77 Resp: 4242

Ion Ratio Lower Upper

77 100

123 46.4 34.3 51.5

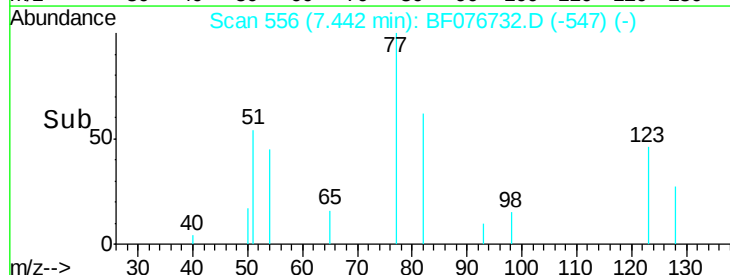
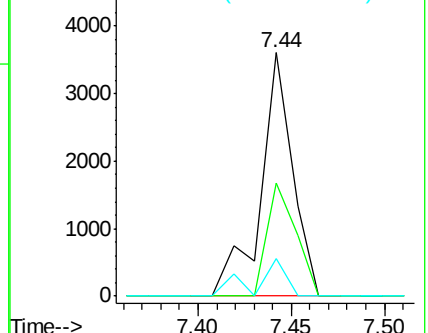
65 15.5 12.2 18.2

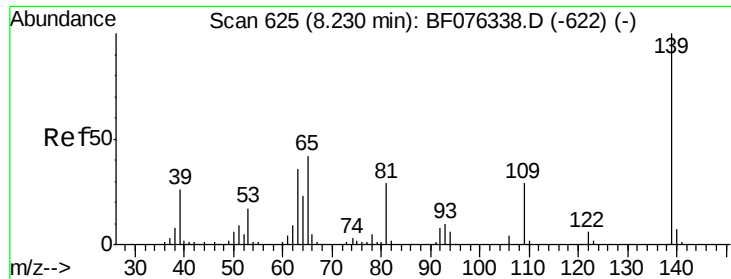


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

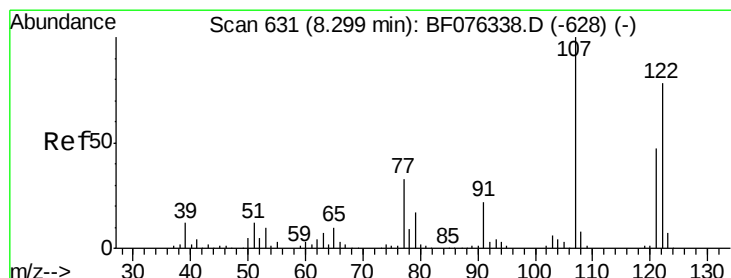
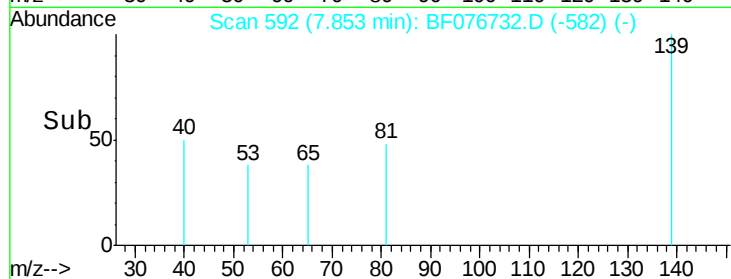
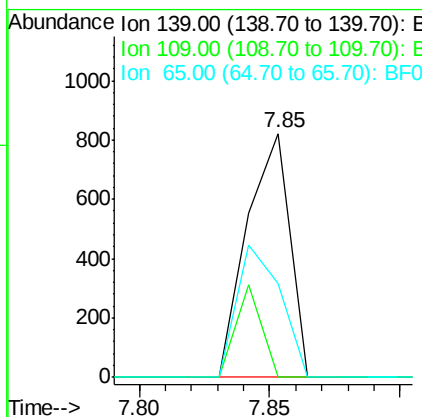
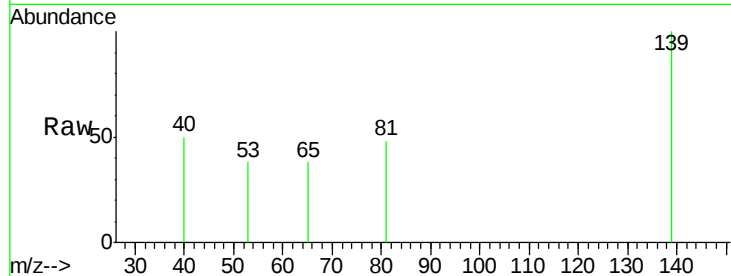




#26
2-Nitrophenol
Concen: 0.66 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

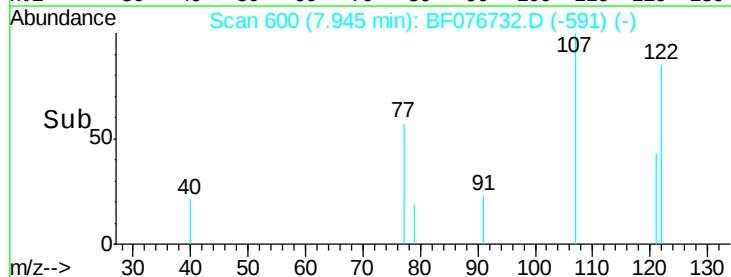
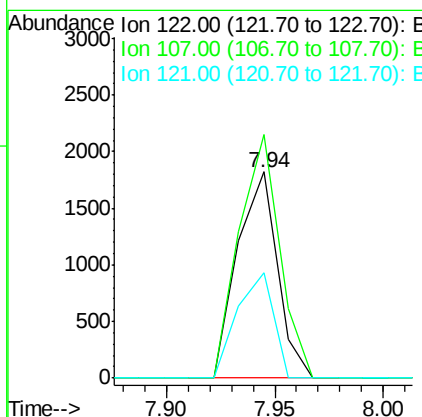
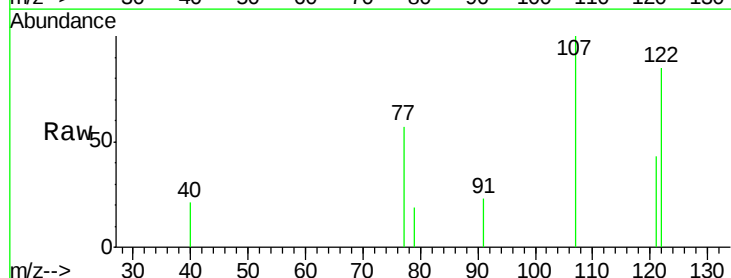
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

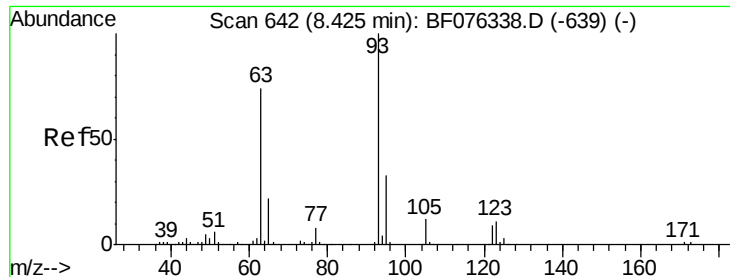
Tot Ion:139 Resp: 944
Ion Ratio Lower Upper
139 100
109 0.0 22.9 34.3#
65 38.2 33.3 49.9



#27
2,4-Dimethylphenol
Concen: 0.99 ng
RT: 7.94 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:122 Resp: 2310
Ion Ratio Lower Upper
122 100
107 118.1 102.5 153.7
121 50.8 47.8 71.8

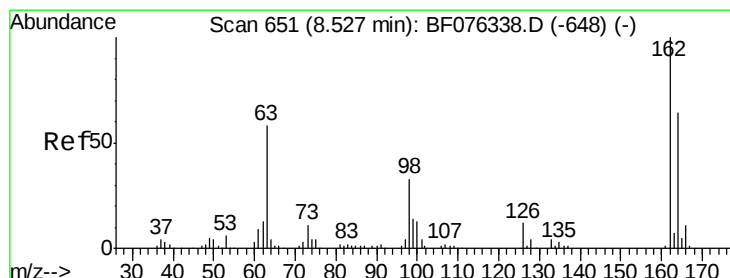
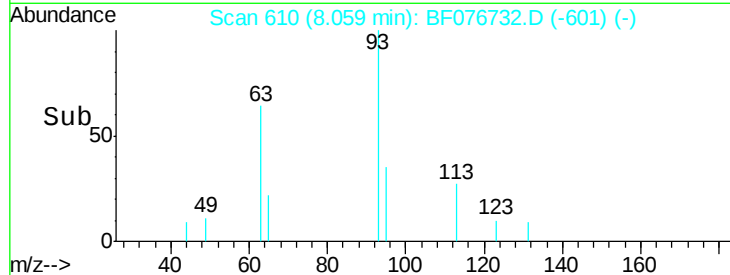
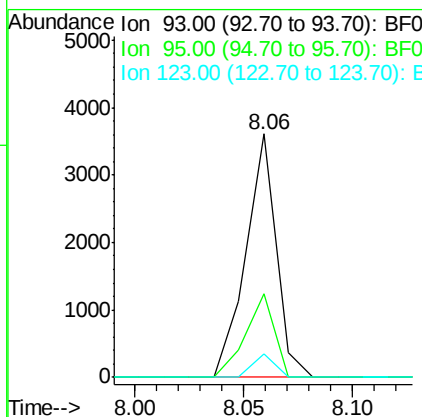
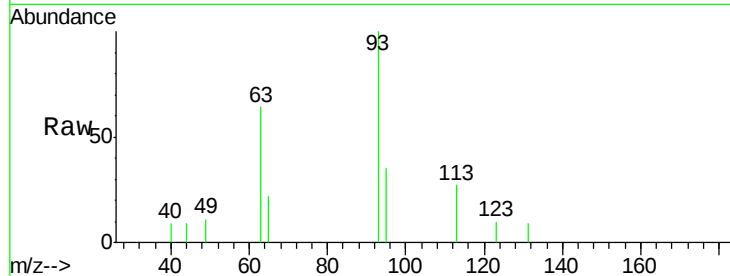




#28
bis(2-Chloroethoxy)methane
Concen: 1.09 ng
RT: 8.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

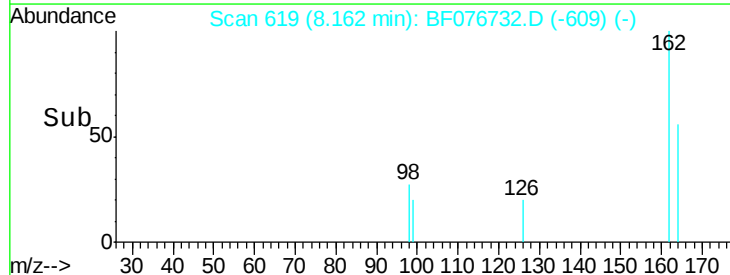
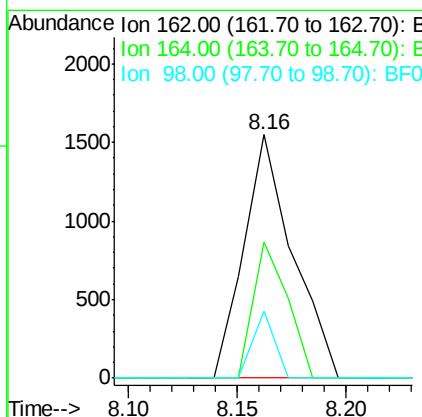
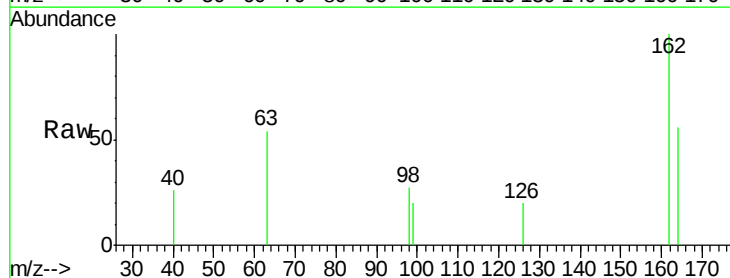
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

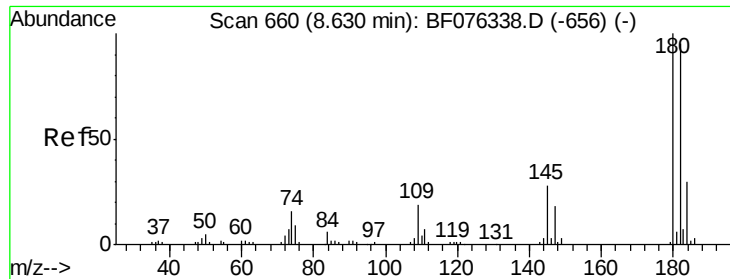
Tot Ion: 93 Resp: 3502
Ion Ratio Lower Upper
93 100
95 34.6 26.2 39.2
123 9.6 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 1.06 ng
RT: 8.16 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion: 162 Resp: 2420
Ion Ratio Lower Upper
162 100
164 56.1 44.0 84.0
98 27.4 13.4 53.4

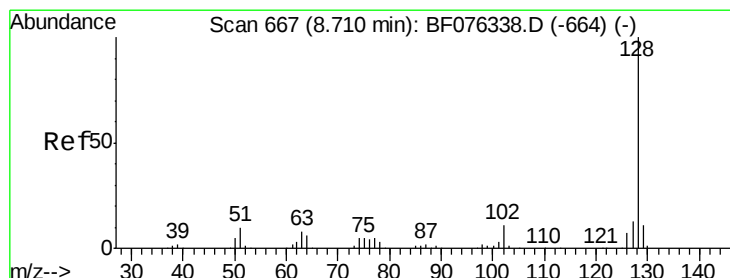
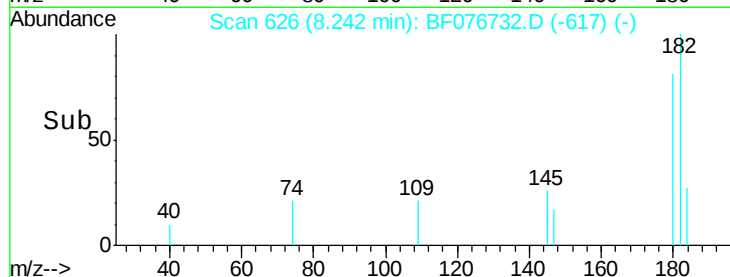
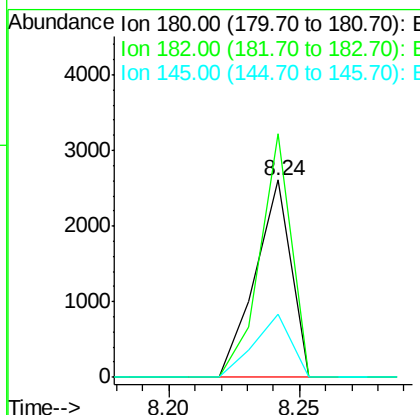
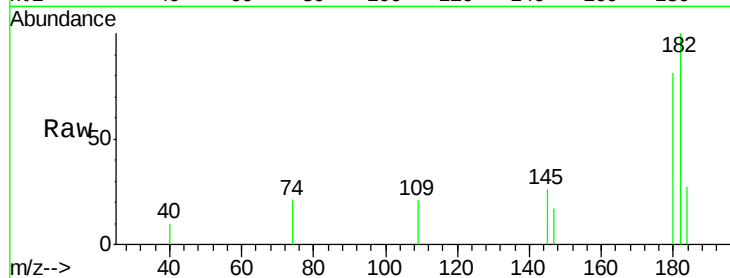




#30
 1,2,4-Trichlorobenzene
 Concen: 1.00 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

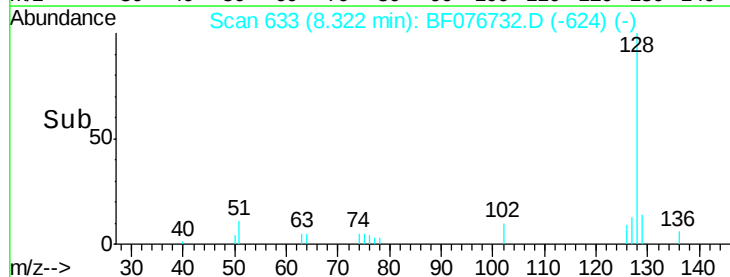
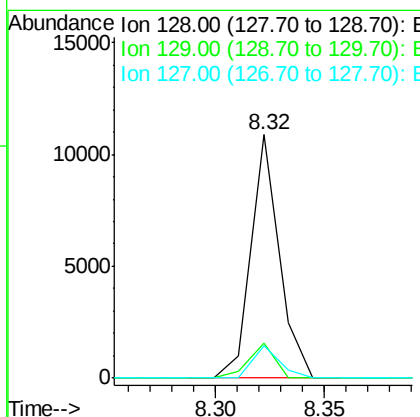
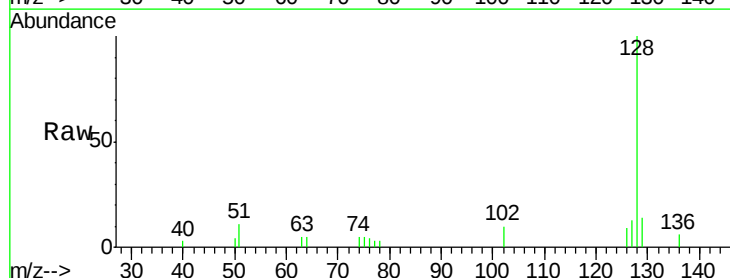
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

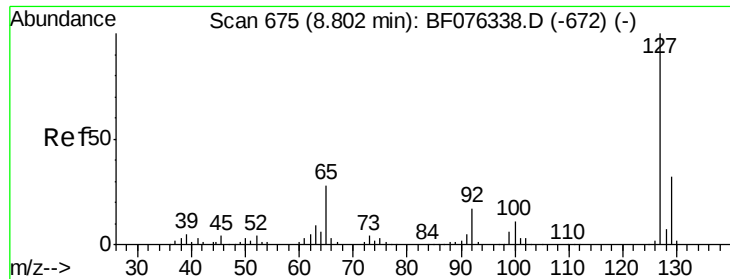
Tot Ion:180 Resp: 2474
 Ion Ratio Lower Upper
 180 100
 182 123.4 75.8 113.6#
 145 32.0 22.4 33.6



#31
 Naphthalene
 Concen: 1.18 ng
 RT: 8.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion:128 Resp: 9855
 Ion Ratio Lower Upper
 128 100
 129 14.1 9.1 13.7#
 127 13.2 10.2 15.2

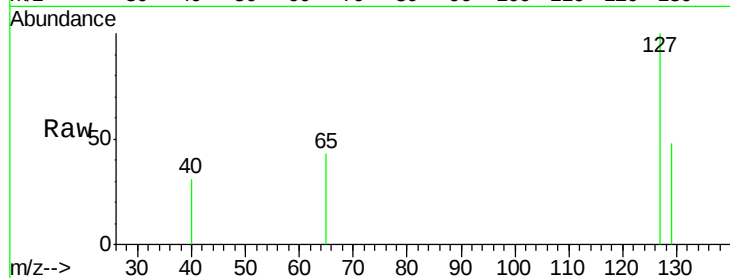




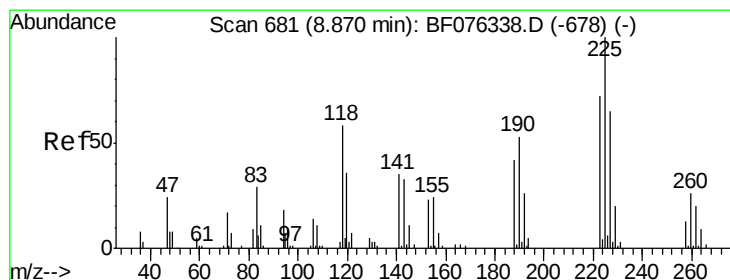
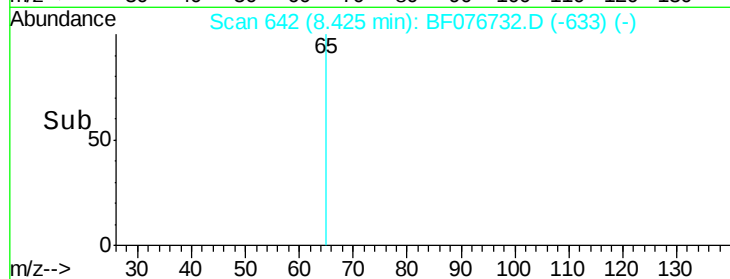
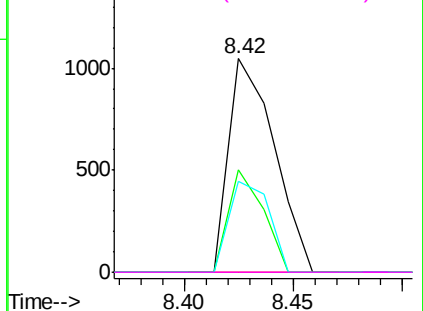
#33
4-Chloroaniline
Concen: 0.45 ng
RT: 8.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:	127	Resp:	1524
Ion	Ratio	Lower	Upper
127	100		
129	47.8	25.6	38.4#
65	42.8	22.1	33.1#
92	0.0	13.6	20.4#

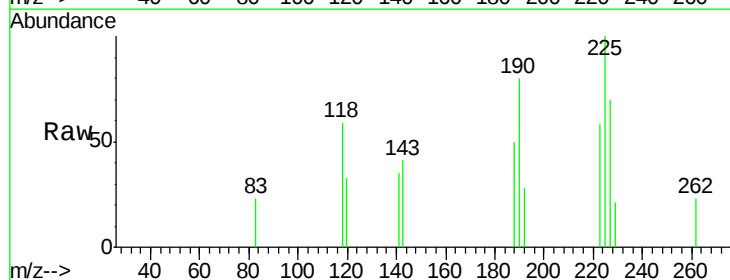


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

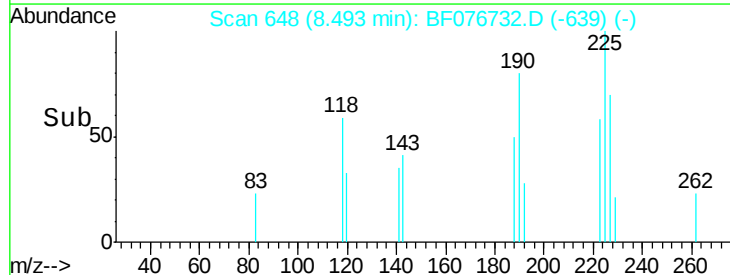
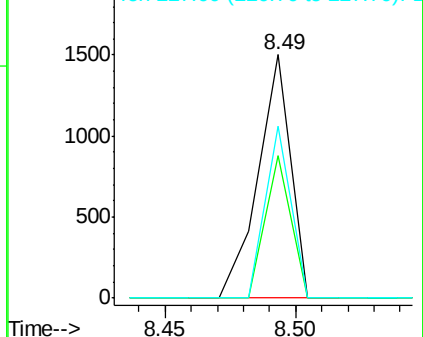


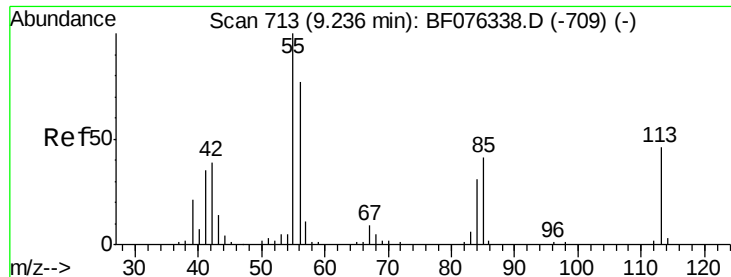
#34
Hexachlorobutadiene
Concen: 0.92 ng
RT: 8.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:	225	Resp:	1316
Ion	Ratio	Lower	Upper
225	100		
223	58.3	57.3	85.9
227	70.5	52.3	78.5



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: 0.42 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

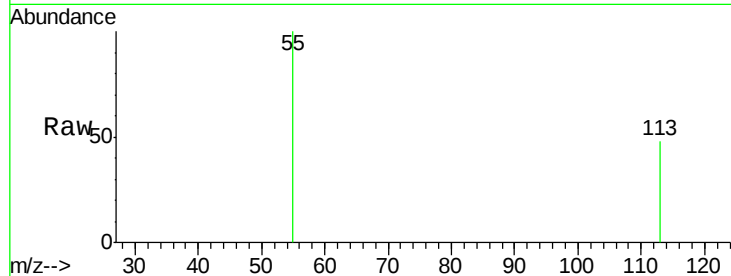
Tot Ion:113 Resp: 274

Ion Ratio Lower Upper

113 100

55 210.5 199.5 239.5

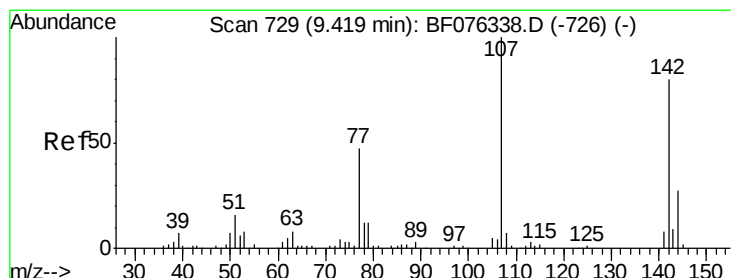
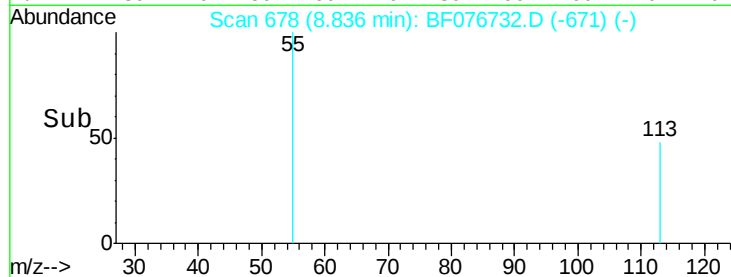
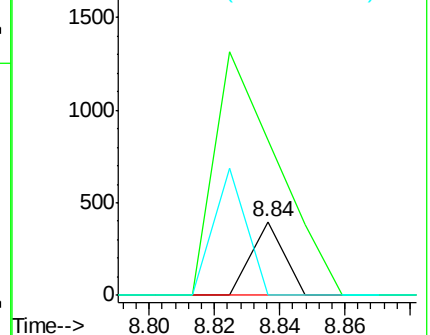
56 0.0 148.4 188.4#



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: 1.21 ng

RT: 9.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

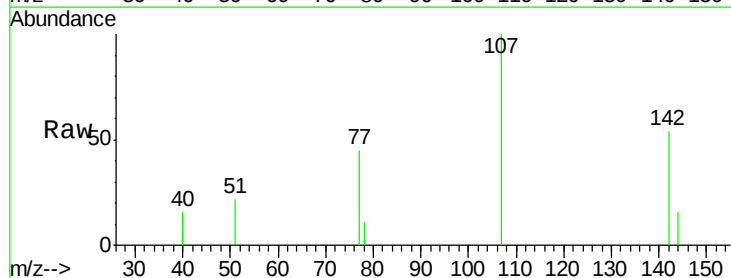
Tgt Ion:107 Resp: 3094

Ion Ratio Lower Upper

107 100

144 15.8 21.8 32.6#

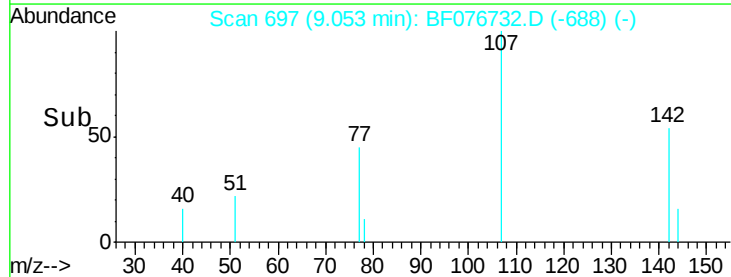
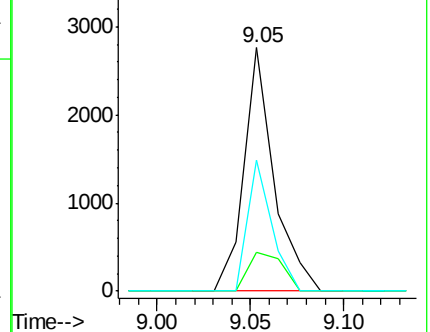
142 54.0 64.4 96.6#

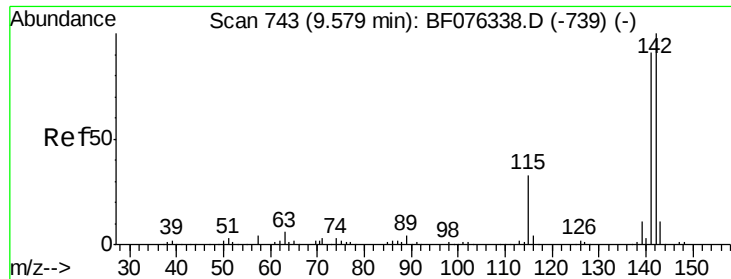


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

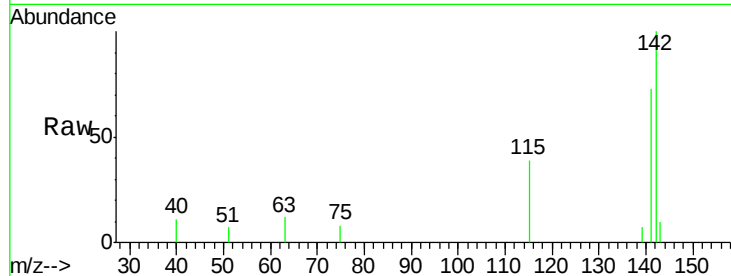




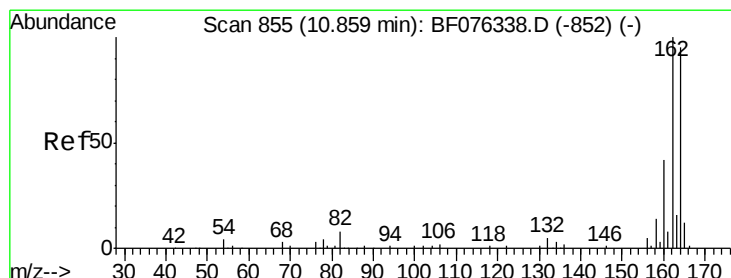
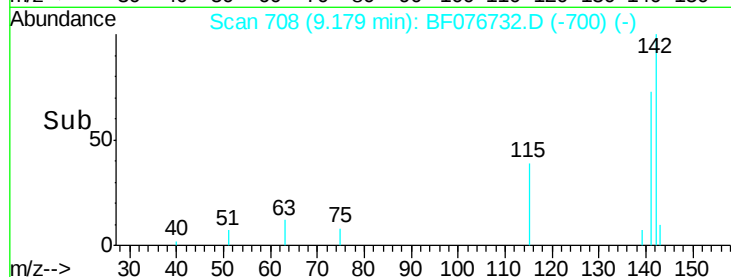
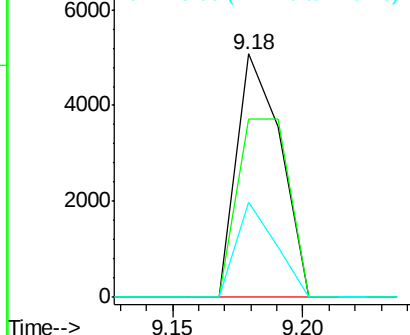
#37
 2-Methylnaphthalene
 Concen: 1.01 ng
 RT: 9.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:142 Resp: 5918
 Ion Ratio Lower Upper
 142 100
 141 73.4 72.4 108.6
 115 39.0 26.5 39.7

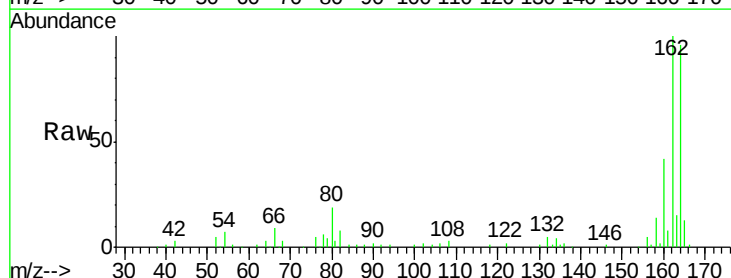


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

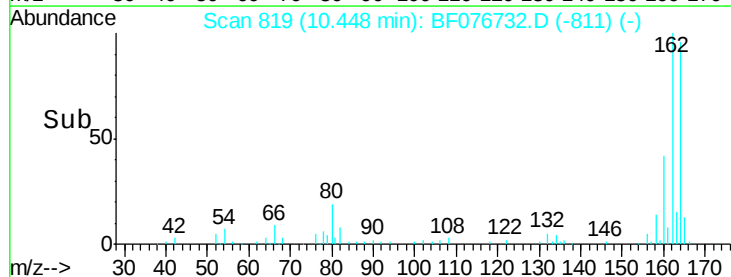
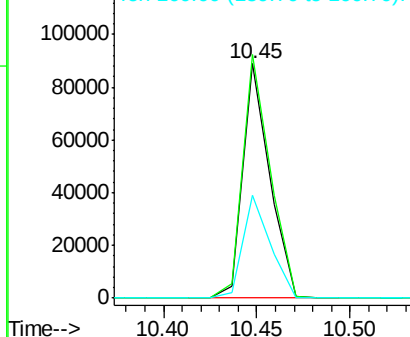


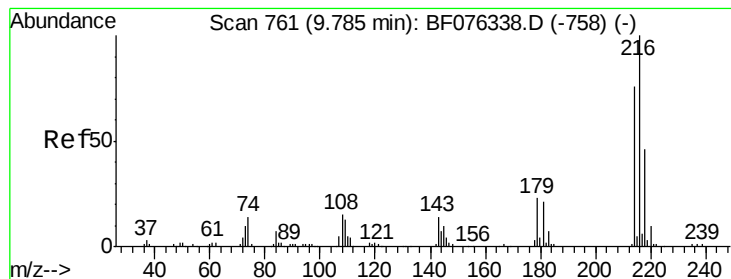
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion:164 Resp: 89135
 Ion Ratio Lower Upper
 164 100
 162 104.0 84.2 126.2
 160 44.0 35.5 53.3



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: 1.11 ng

RT: 9.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:216 Resp: 2439

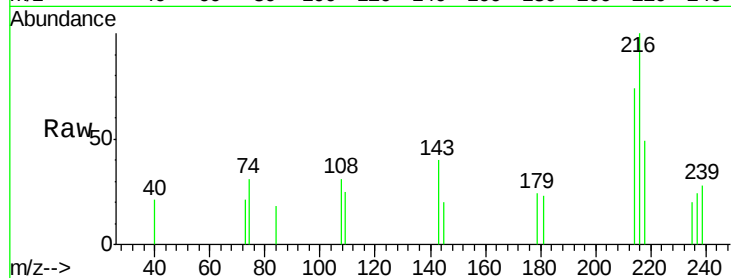
Ion Ratio Lower Upper

216 100

214 84.0 48.7 73.1#

179 23.6 14.5 21.7#

108 16.0 0.0 0.0#

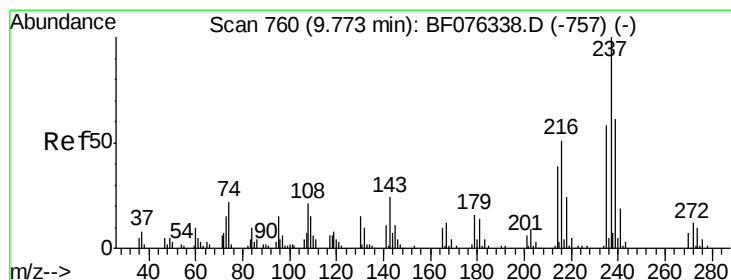
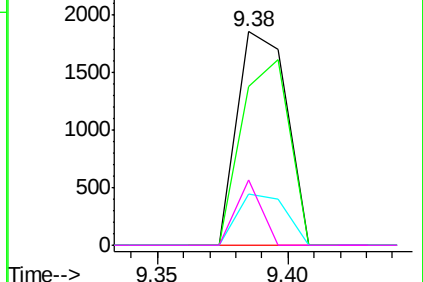
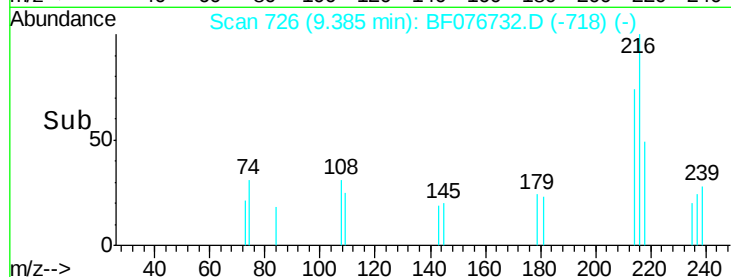


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 7.37 ng m

RT: 9.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

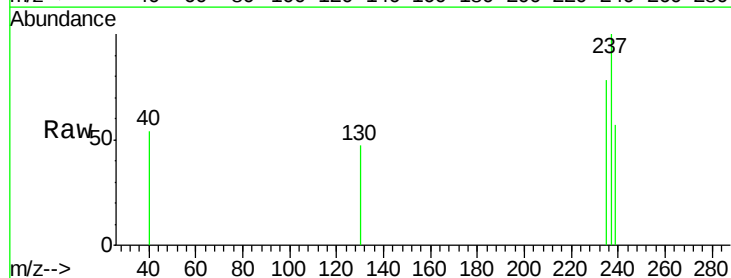
Tgt Ion:237 Resp: 798

Ion Ratio Lower Upper

237 100

235 77.7 38.5 78.5

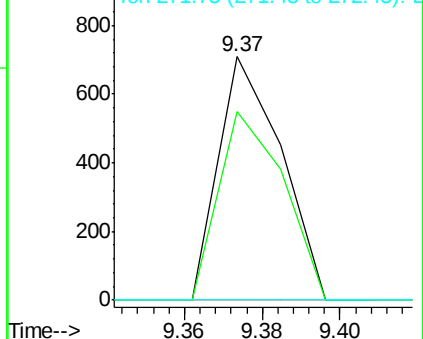
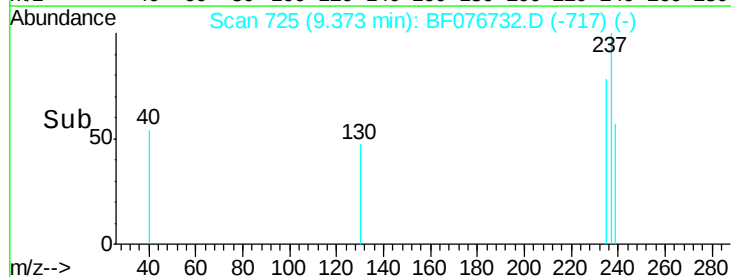
272 0.0 0.0 32.2

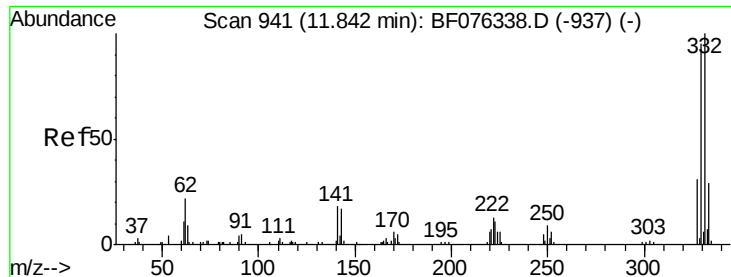


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

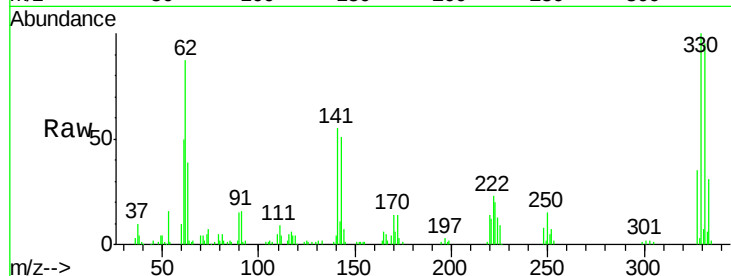




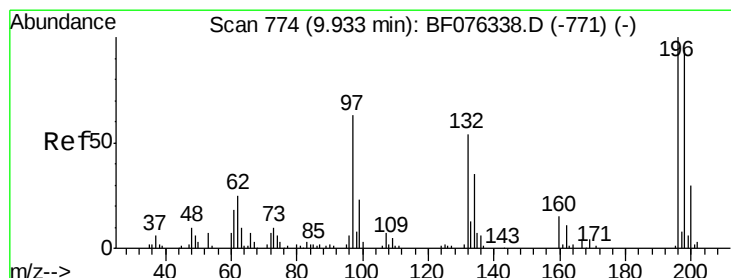
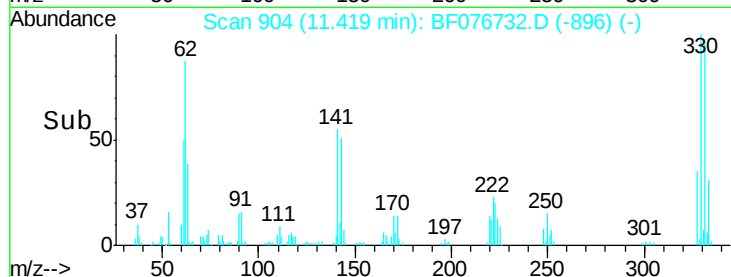
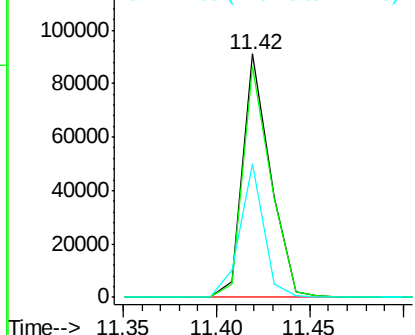
#41
 2,4,6-Tribromophenol
 Concen: 125.04 ng
 RT: 11.42 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:330 Resp: 94201
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 47.9 0.0 0.0#

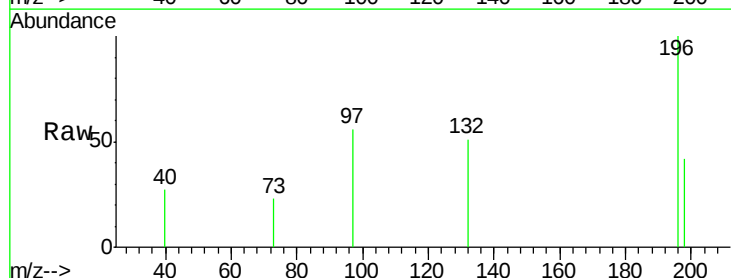


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

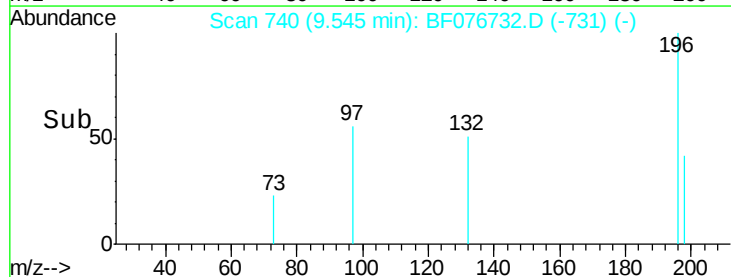
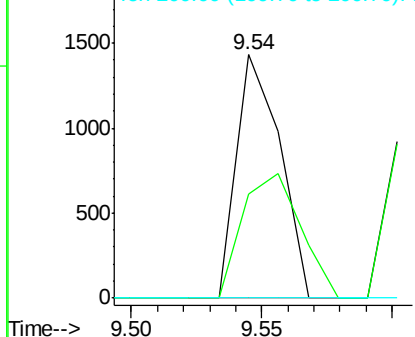


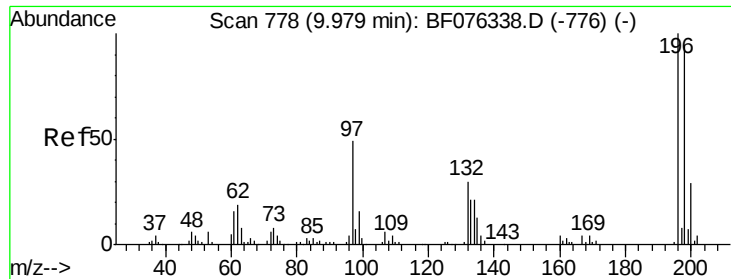
#42
 2,4,6-Trichlorophenol
 Concen: 1.04 ng
 RT: 9.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion:196 Resp: 1657
 Ion Ratio Lower Upper
 196 100
 198 42.5 75.6 113.4#
 200 0.0 24.0 36.0#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

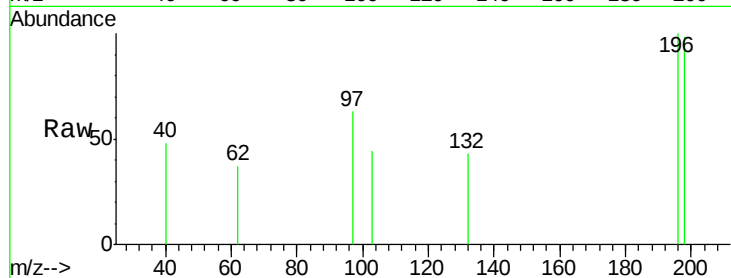




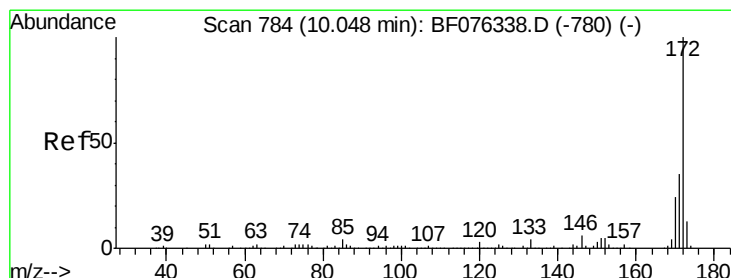
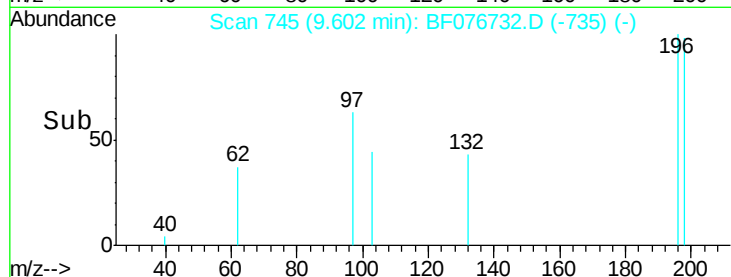
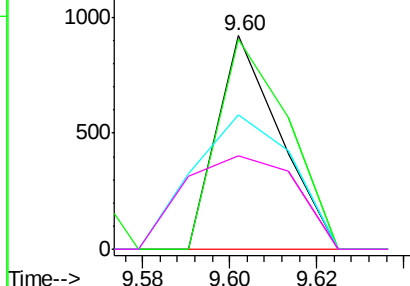
#43
 2,4,5-Trichlorophenol
 Concen: 0.54 ng
 RT: 9.60 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:196 Resp: 917
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.2 112.8
 97 62.9 39.0 58.4#
 132 43.5 24.4 36.6#

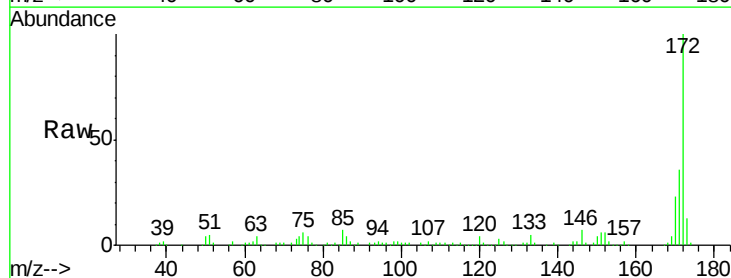


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

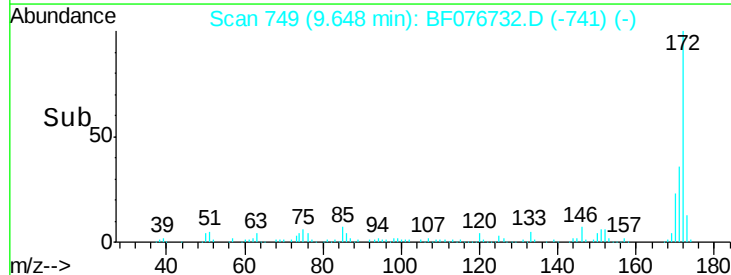
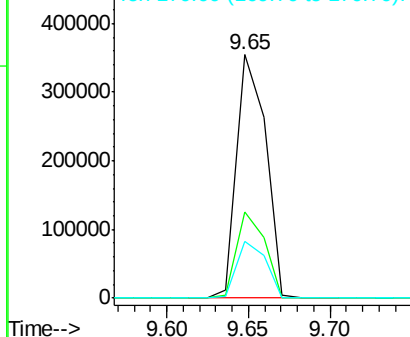


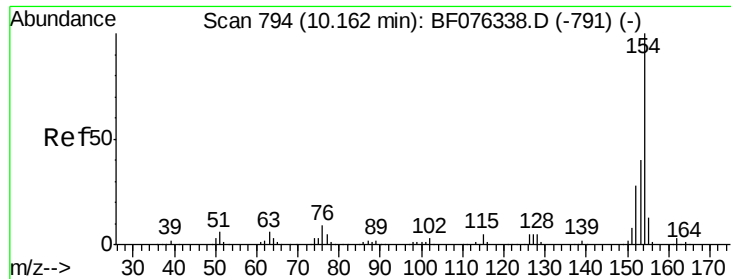
#44
 2-Fluorobiphenyl
 Concen: 75.96 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion:172 Resp: 435093
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.8 41.8
 170 23.3 19.0 28.4



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: 1.26 ng

RT: 9.76 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

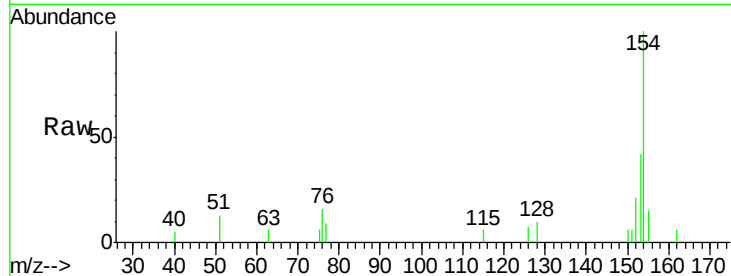
Tot Ion:154 Resp: 8369

Ion Ratio Lower Upper

154 100

153 42.2 20.0 60.0

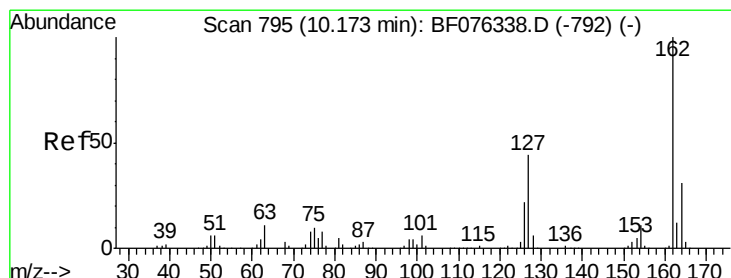
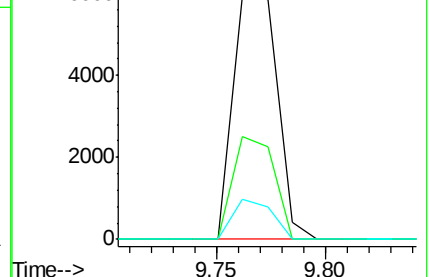
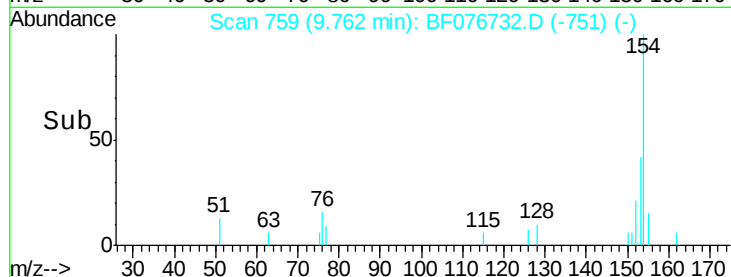
76 16.3 0.0 29.4



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: 1.21 ng

RT: 9.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

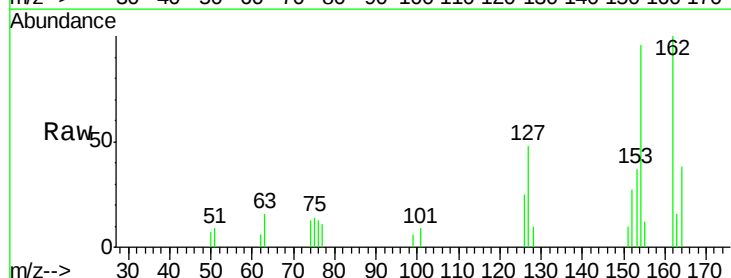
Tgt Ion:162 Resp: 6348

Ion Ratio Lower Upper

162 100

127 48.0 35.2 52.8

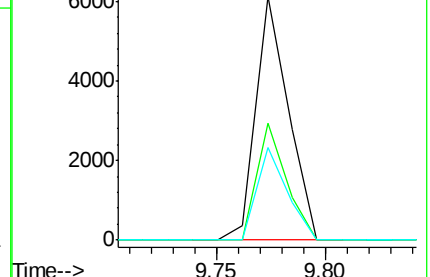
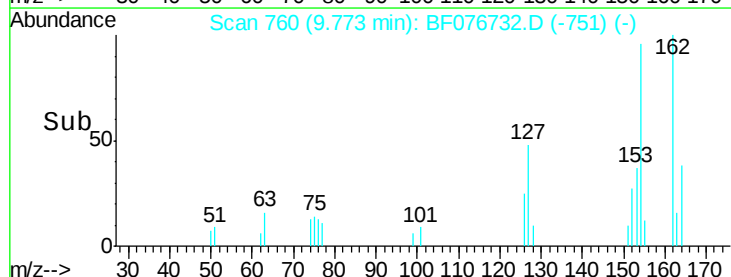
164 37.9 24.6 36.8#

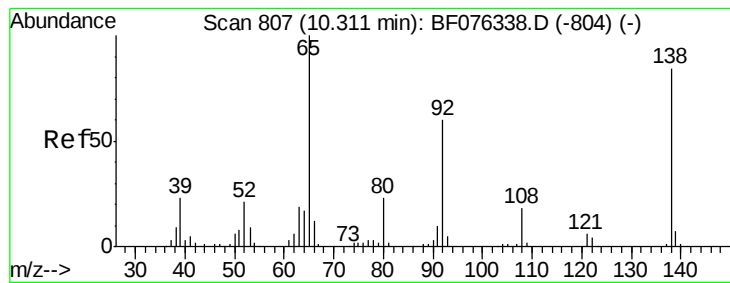


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

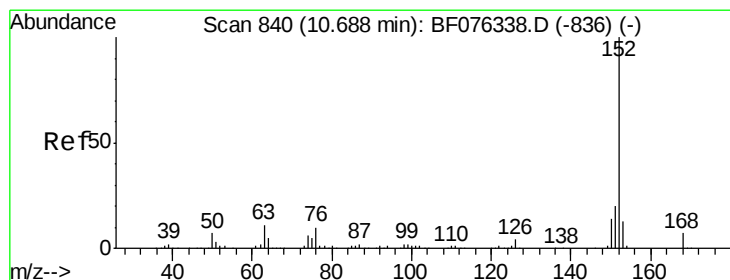
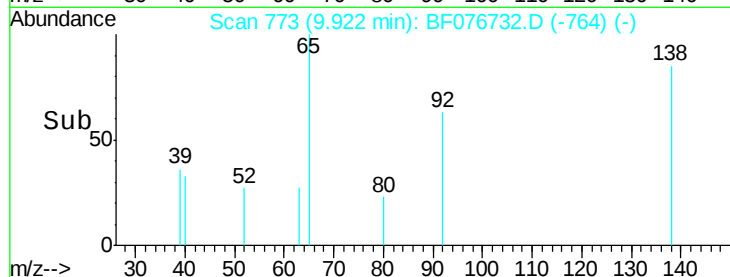
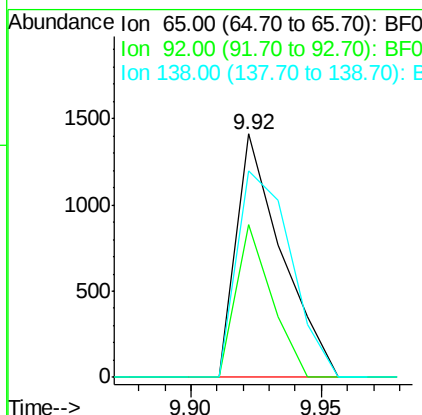
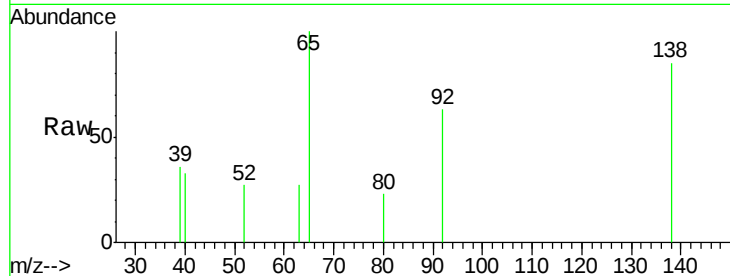




#47
 2-Nitroaniline
 Concen: 1.09 ng
 RT: 9.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

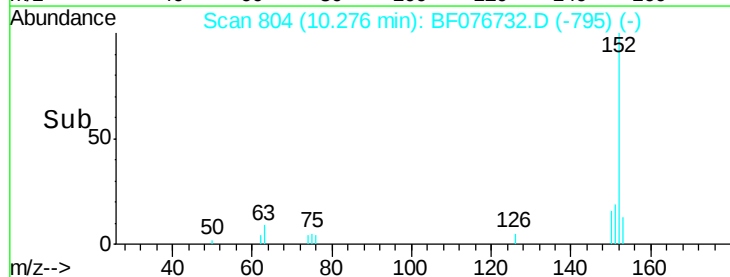
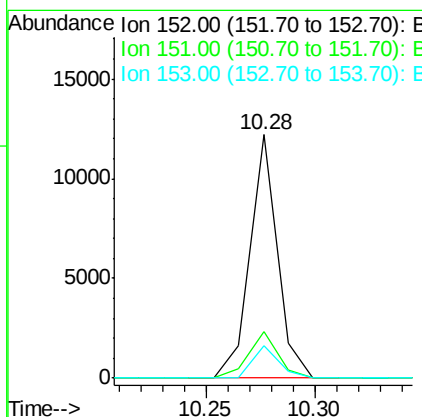
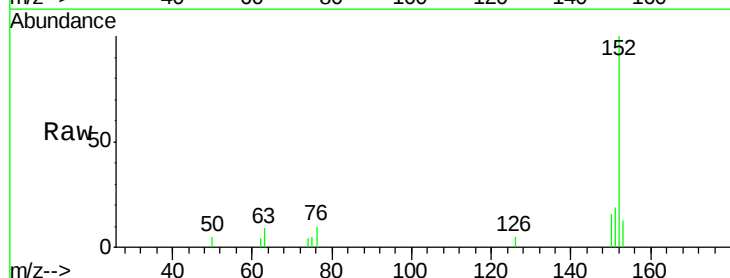
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

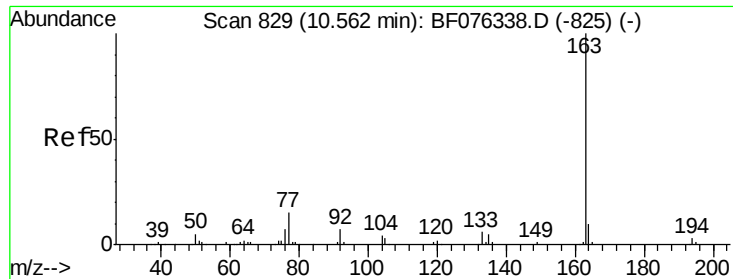
Tot Ion: 65 Resp: 1734
 Ion Ratio Lower Upper
 65 100
 92 62.6 48.0 72.0
 138 84.7 67.0 100.6



#48
 Acenaphthylene
 Concen: 1.20 ng
 RT: 10.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion: 152 Resp: 10705
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.7 23.5
 153 13.1 10.2 15.2

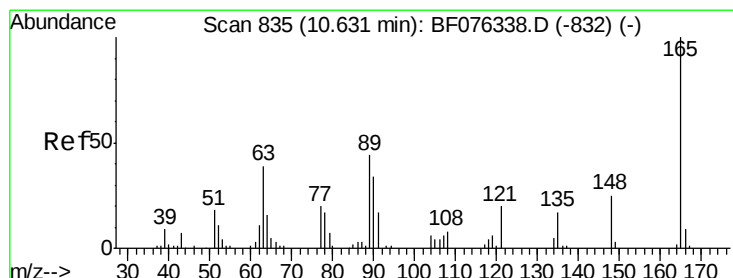
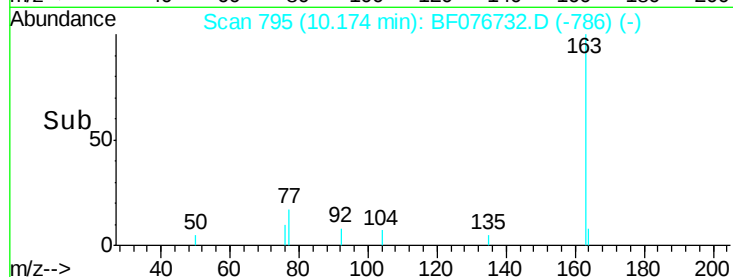
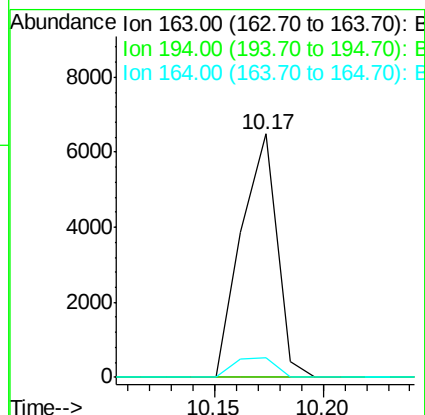
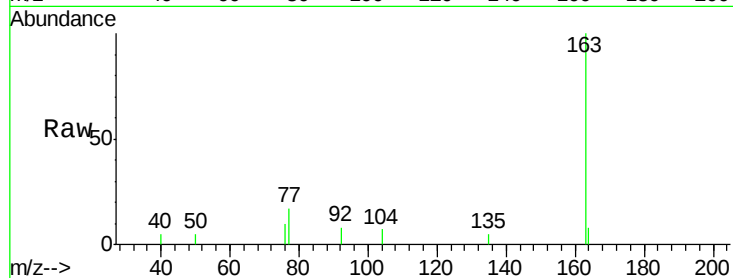




#49
Dimethylphthalate
Concen: 1.18 ng
RT: 10.17 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

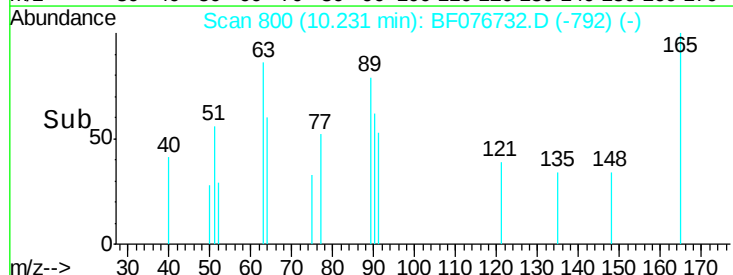
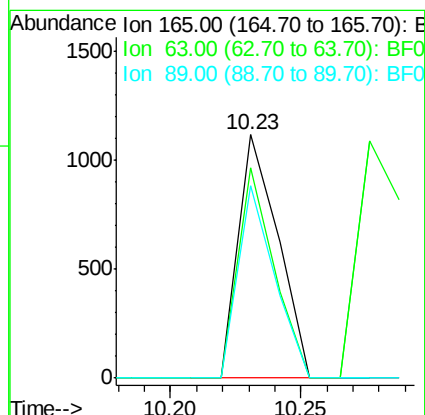
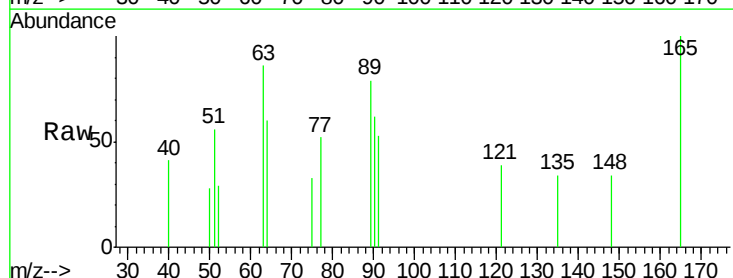
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

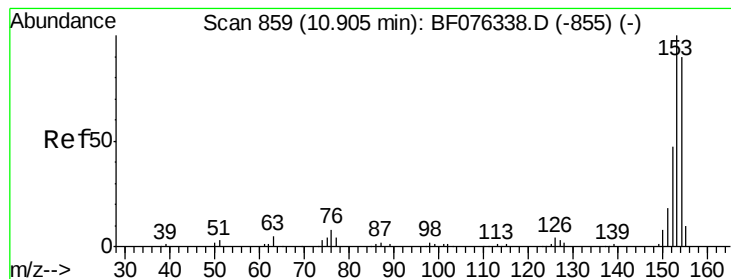
Tot Ion:163 Resp: 7409
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 7.9 7.7 11.5



#50
2,6-Dinitrotoluene
Concen: 0.92 ng
RT: 10.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:165 Resp: 1194
Ion Ratio Lower Upper
165 100
63 86.2 35.0 52.6#
89 78.8 35.4 53.2#





#51

Acenaphthene

Concen: 1.17 ng

RT: 10.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

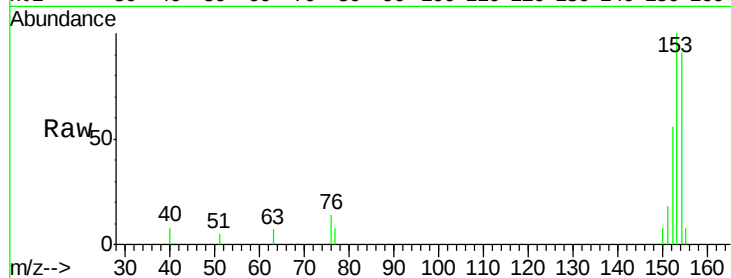
Tot Ion:154 Resp: 5919

Ion Ratio Lower Upper

154 100

153 109.6 89.4 134.0

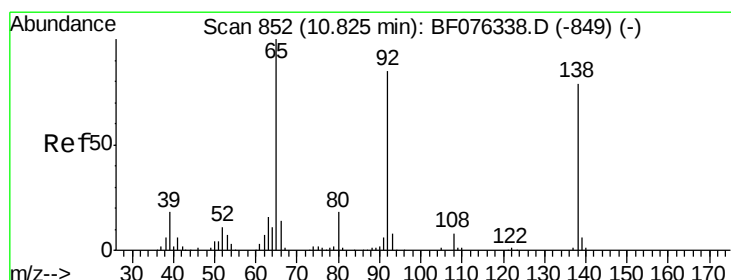
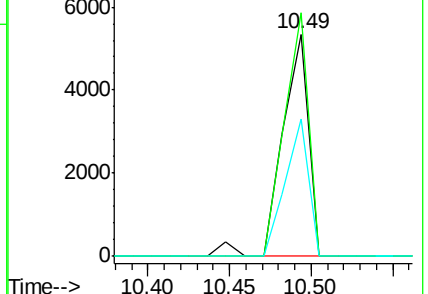
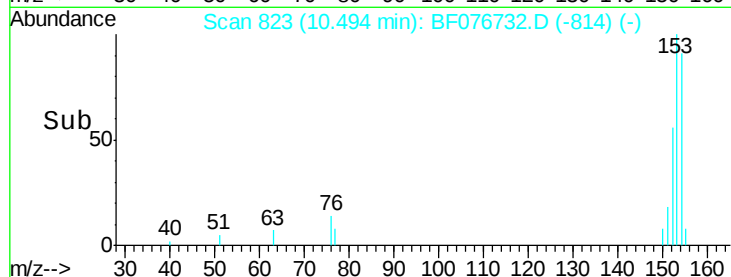
152 61.7 42.1 63.1



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



#52

3-Nitroaniline

Concen: 0.68 ng

RT: 10.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

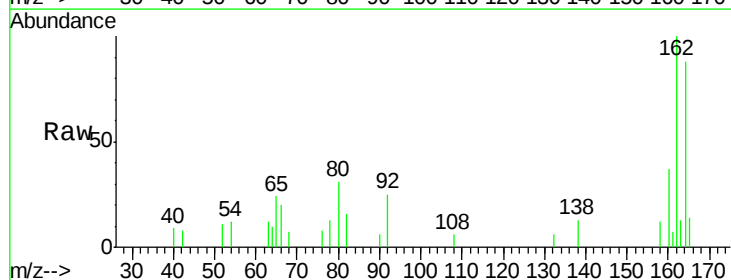
Tgt Ion:138 Resp: 991

Ion Ratio Lower Upper

138 100

108 43.9 8.5 12.7#

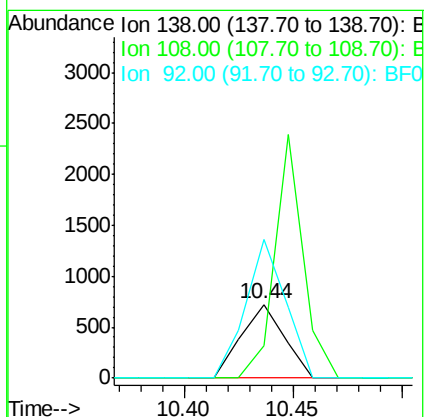
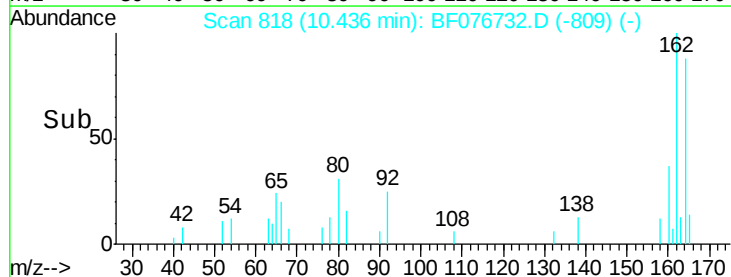
92 188.1 85.6 128.4#

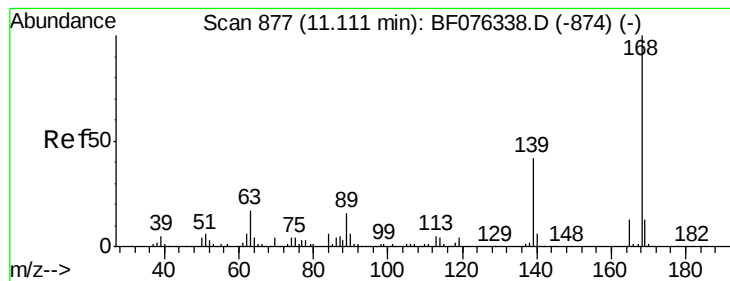


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 1.23 ng

RT: 10.71 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

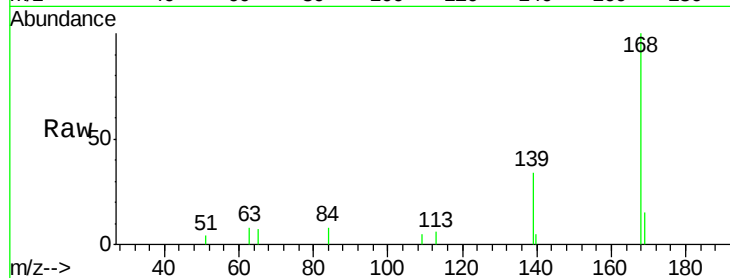
Tot Ion:168 Resp: 9021

Ion Ratio Lower Upper

168 100

139 34.3 34.2 51.4

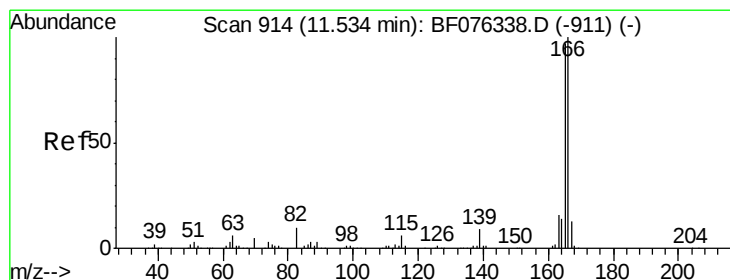
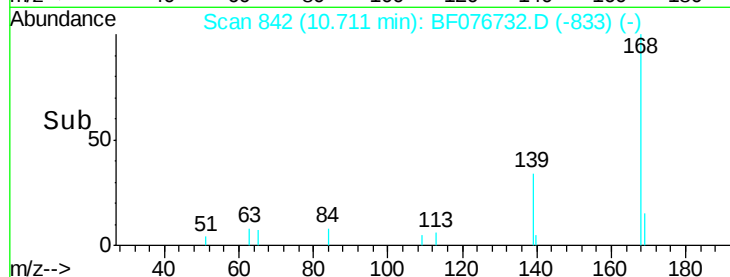
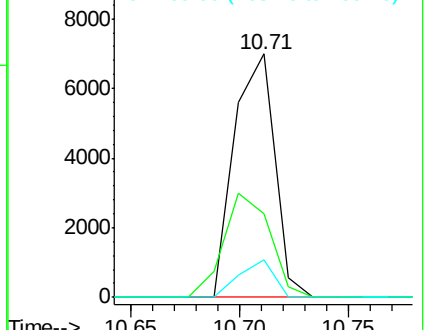
169 15.3 10.6 16.0



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



#57

Fluorene

Concen: 1.16 ng

RT: 11.12 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

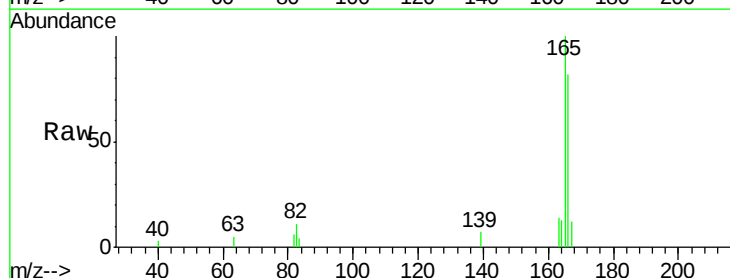
Tgt Ion:166 Resp: 7134

Ion Ratio Lower Upper

166 100

165 122.7 77.9 116.9#

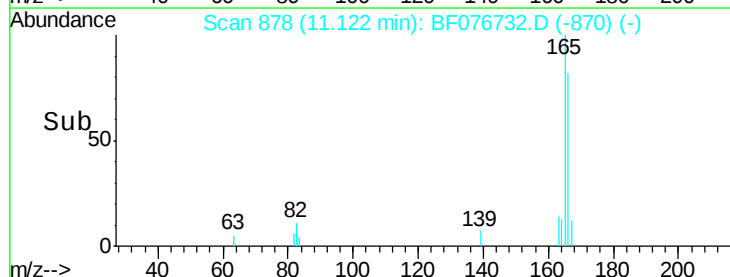
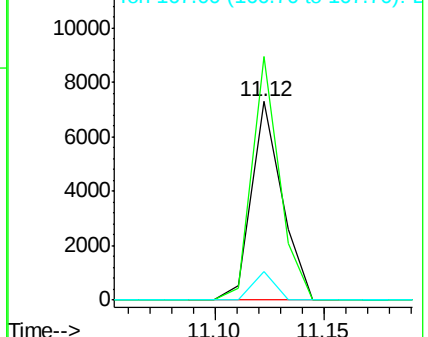
167 14.4 10.6 15.8

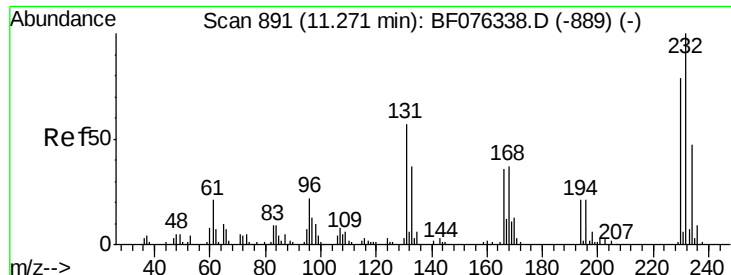


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

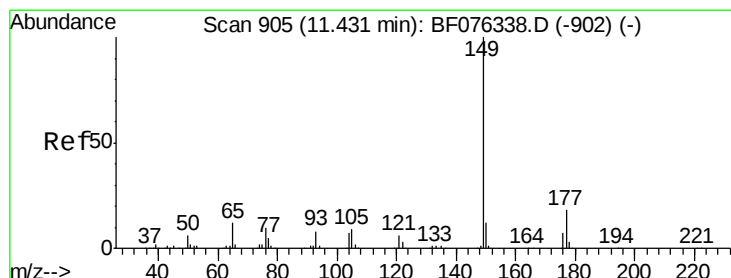
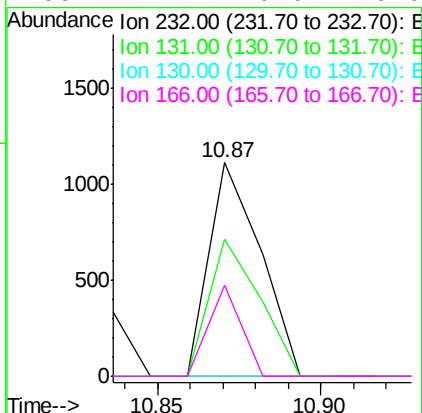
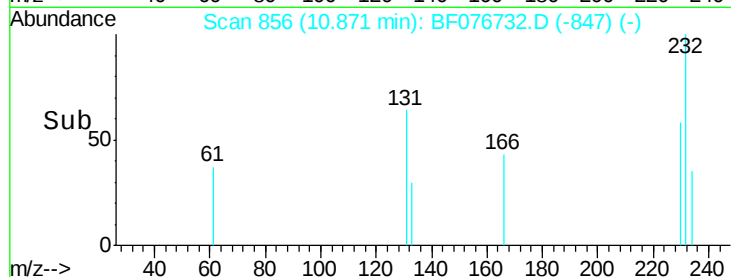
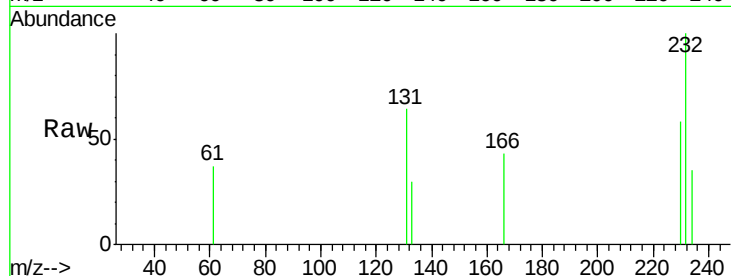




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.94 ng
 RT: 10.87 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

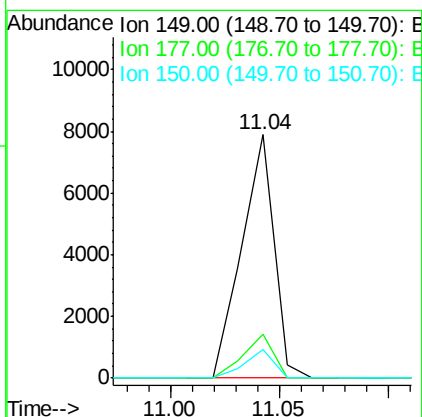
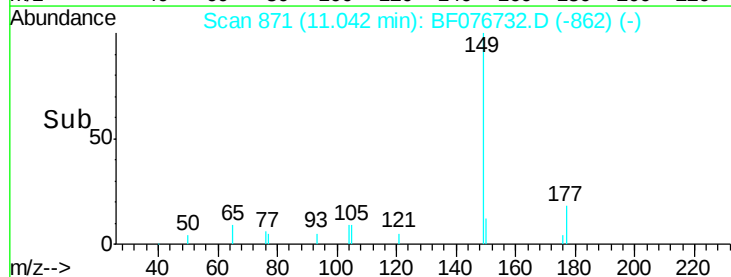
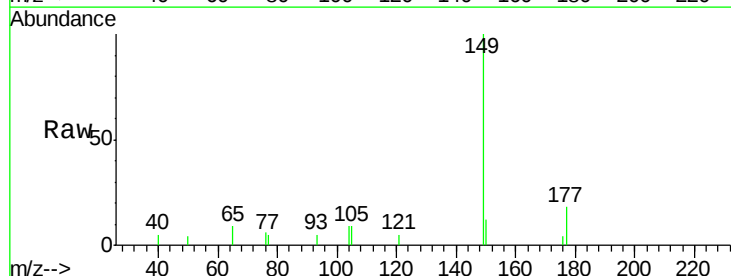
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

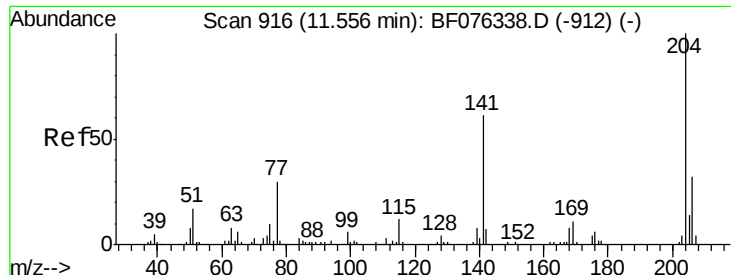
Tot Ion:232 Resp: 1200
 Ion Ratio Lower Upper
 232 100
 131 63.2 0.0 0.0#
 130 0.0 0.0 0.0
 166 27.2 0.0 0.0#



#59
 Diethylphthalate
 Concen: 1.26 ng
 RT: 11.04 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion:149 Resp: 8133
 Ion Ratio Lower Upper
 149 100
 177 17.9 14.7 22.1
 150 11.7 9.8 14.6

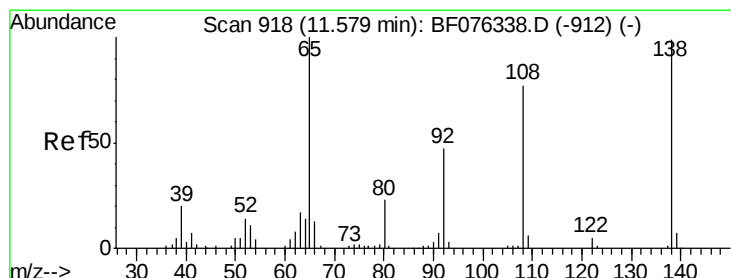
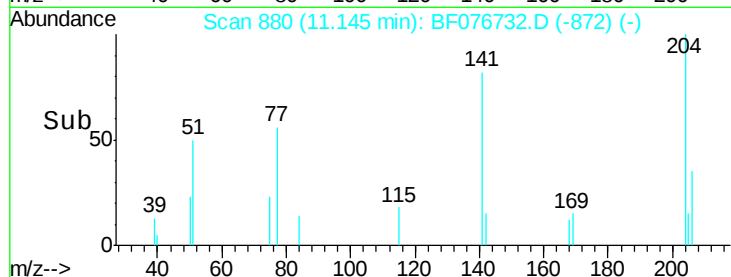
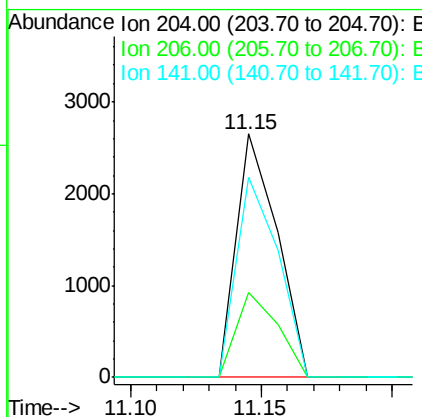
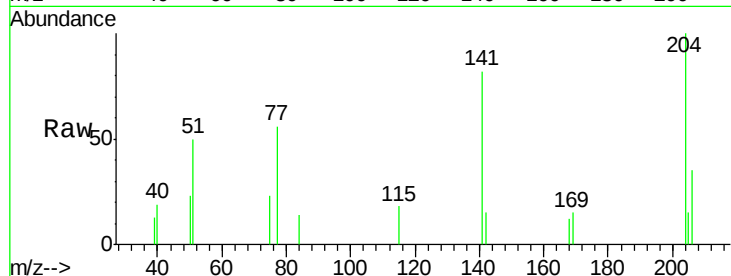




#60
4-Chlorophenyl-phenylether
Concen: 1.09 ng
RT: 11.15 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

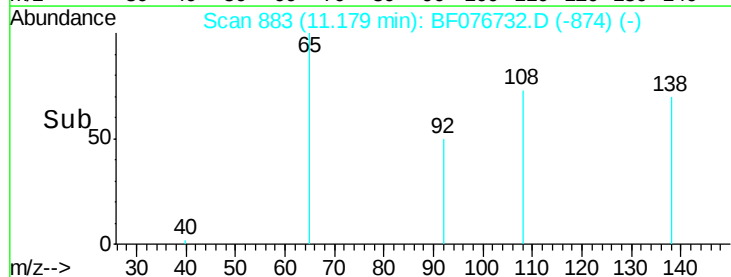
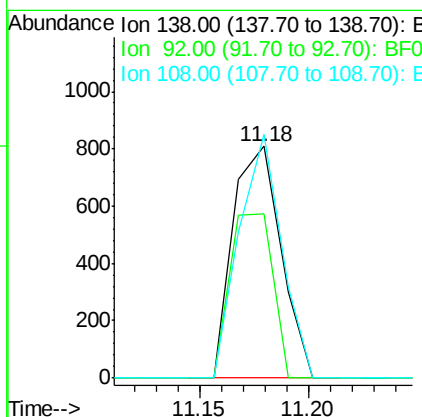
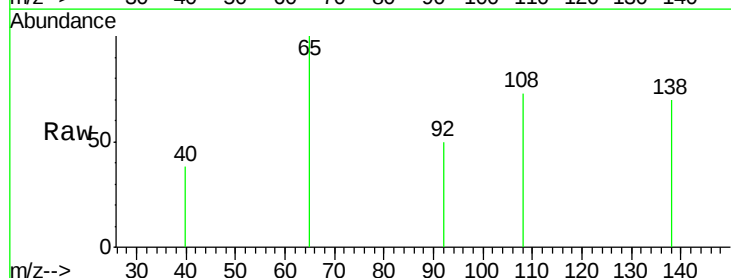
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

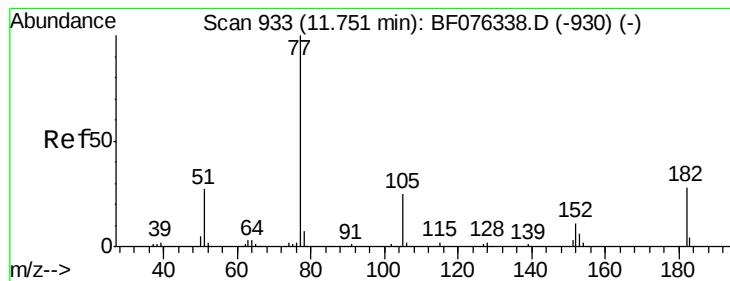
Tot Ion:204 Resp: 2898
Ion Ratio Lower Upper
204 100
206 34.7 25.6 38.4
141 82.4 48.5 72.7#



#61
4-Nitroaniline
Concen: 0.80 ng
RT: 11.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:138 Resp: 1237
Ion Ratio Lower Upper
138 100
92 71.2 27.7 67.7#
108 105.2 57.5 97.5#





#62

Azobenzene

Concen: 0.98 ng

RT: 11.34 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

Tot Ion: 77 Resp: 6226

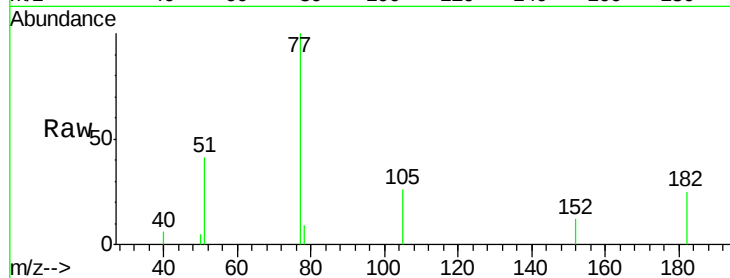
Ion Ratio Lower Upper

77 100

182 25.1 8.3 48.3

105 25.8 4.6 44.6

51 40.8 7.6 47.6

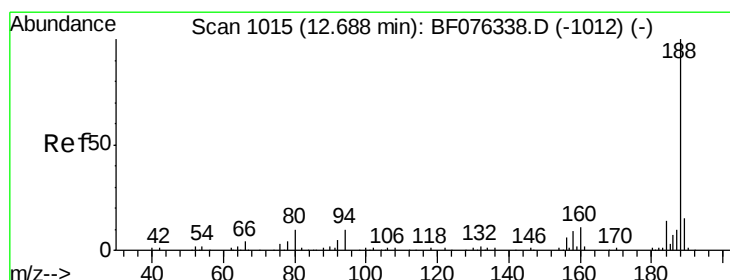
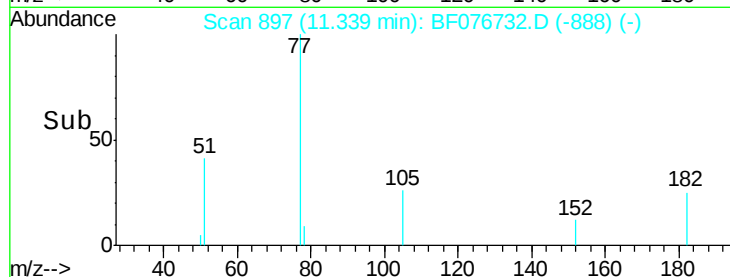
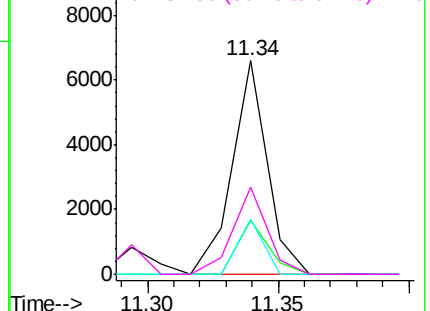


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.27 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

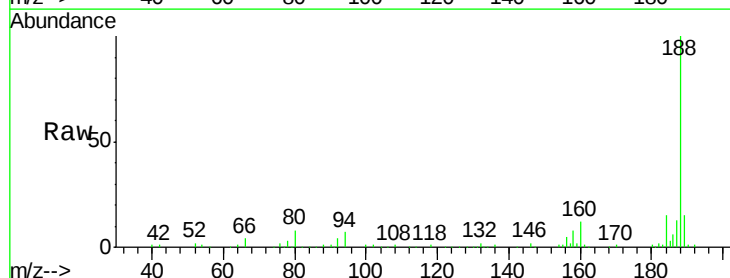
Tgt Ion: 188 Resp: 159545

Ion Ratio Lower Upper

188 100

94 7.1 7.9 11.9#

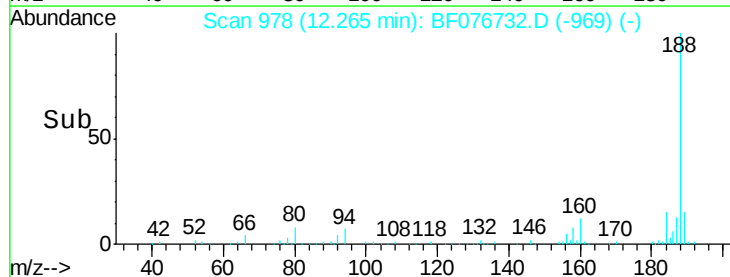
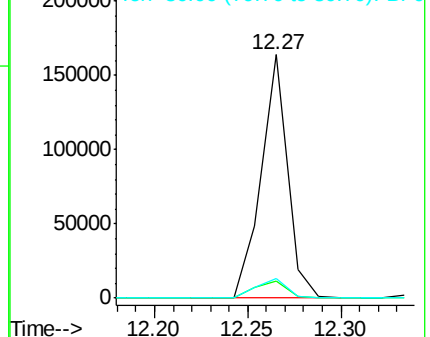
80 8.0 8.2 12.2#

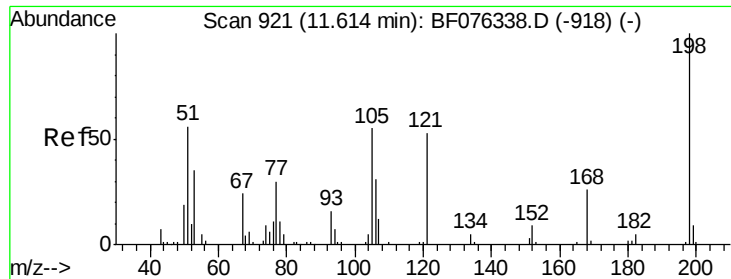


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

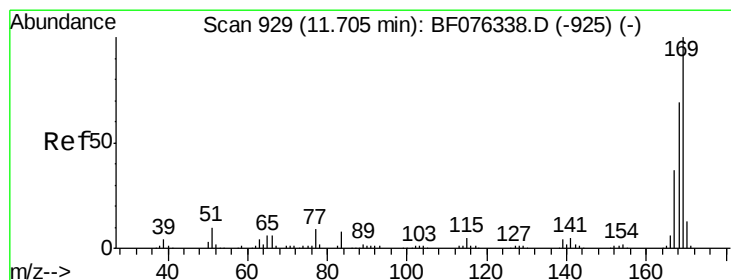
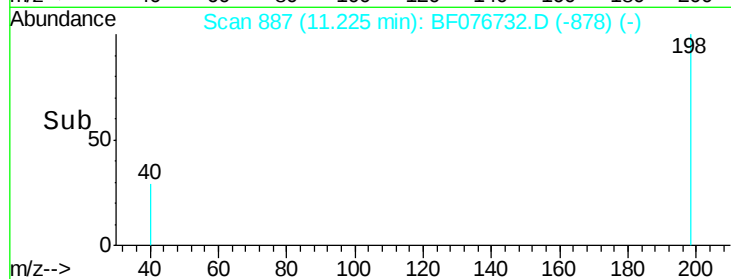
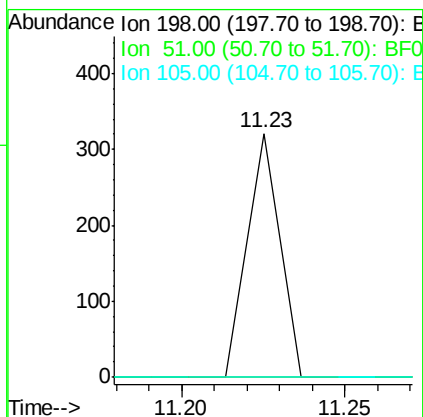
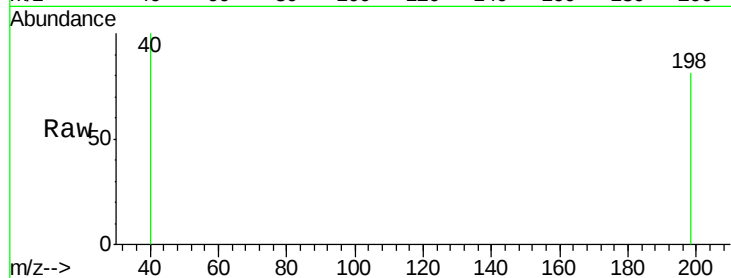




#64
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 11.23 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

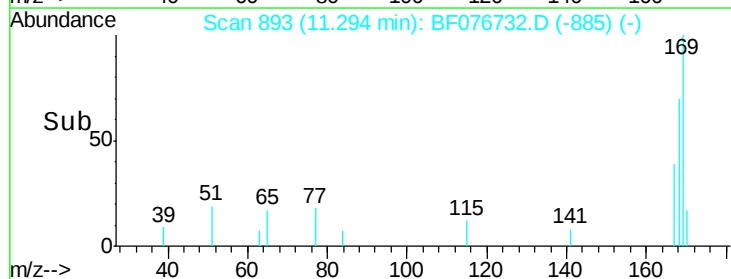
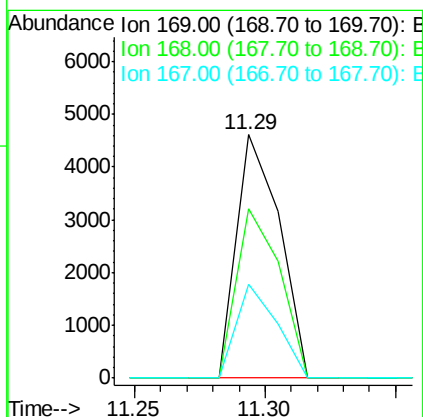
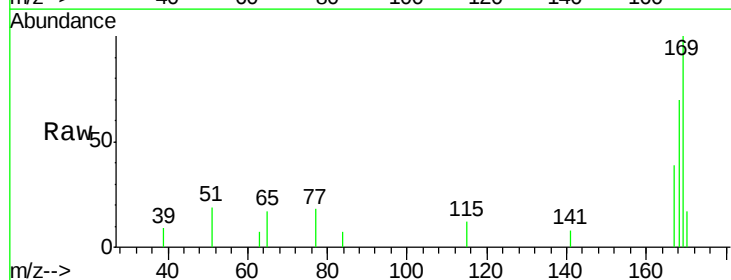
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

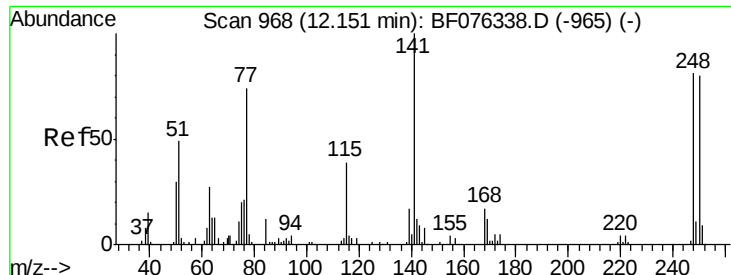
Tot Ion:198 Resp: 220
Ion Ratio Lower Upper
198 100
51 0.0 45.3 85.3#
105 0.0 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 0.95 ng
RT: 11.29 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:169 Resp: 5329
Ion Ratio Lower Upper
169 100
168 69.8 55.2 82.8
167 38.6 29.5 44.3

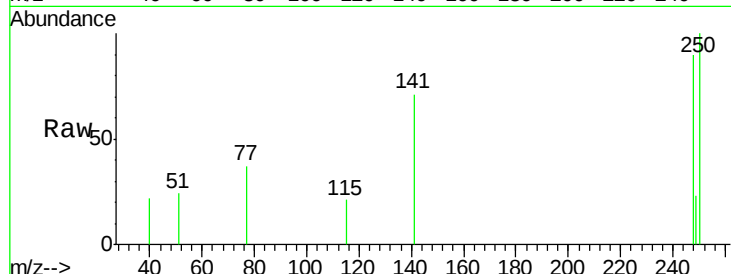




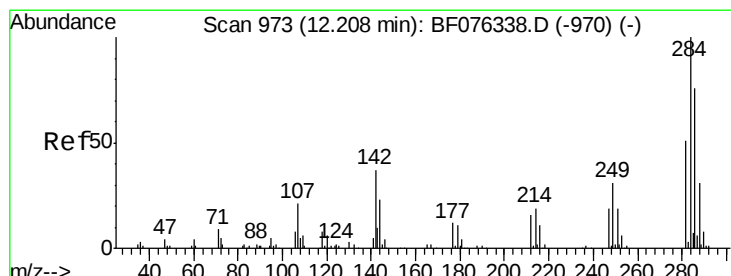
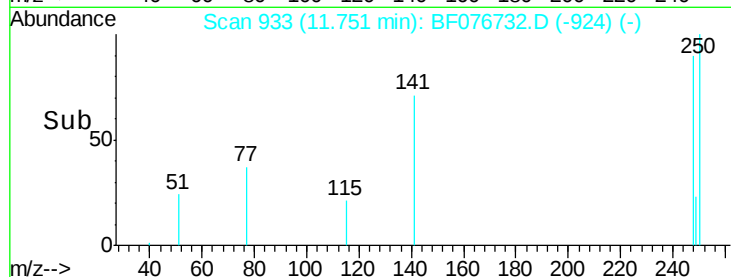
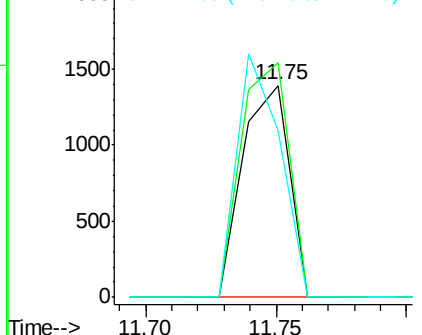
#66
 4-Bromophenyl-phenylether
 Concen: 1.12 ng
 RT: 11.75 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:248 Resp: 1747
 Ion Ratio Lower Upper
 248 100
 250 110.8 78.4 117.6
 141 78.9 98.5 147.7#

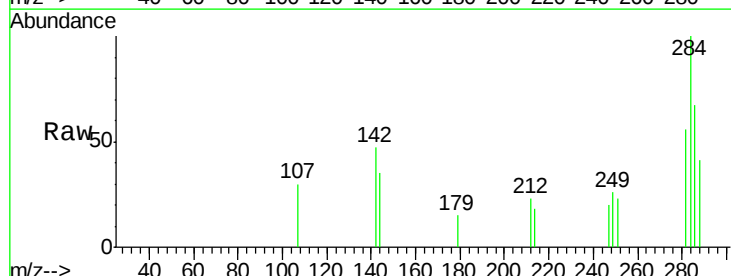


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

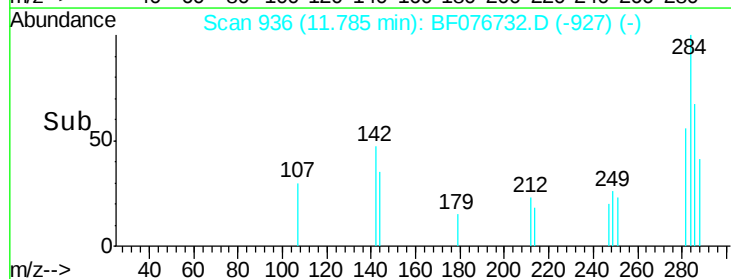
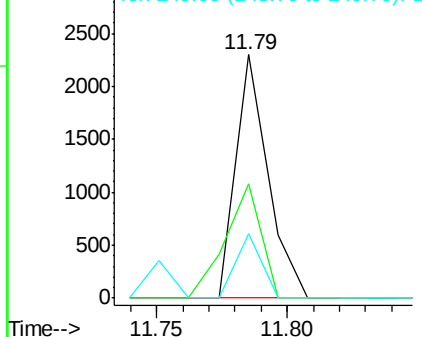


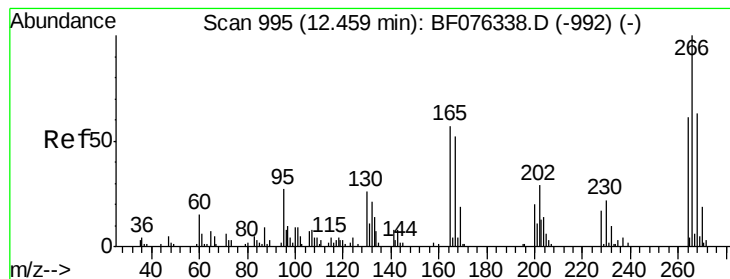
#67
 Hexachlorobenzene
 Concen: 1.10 ng
 RT: 11.79 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion:284 Resp: 1991
 Ion Ratio Lower Upper
 284 100
 142 47.0 30.0 45.0#
 249 26.4 24.7 37.1



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

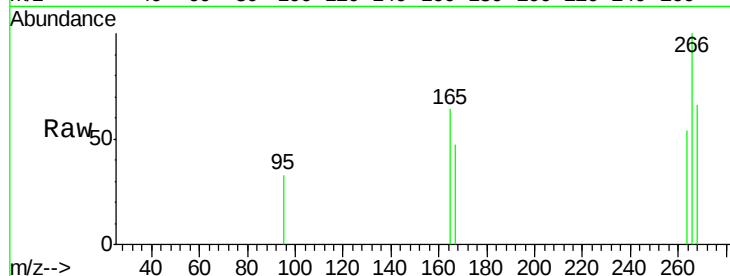




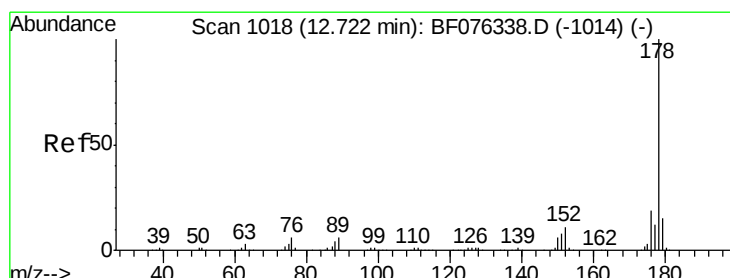
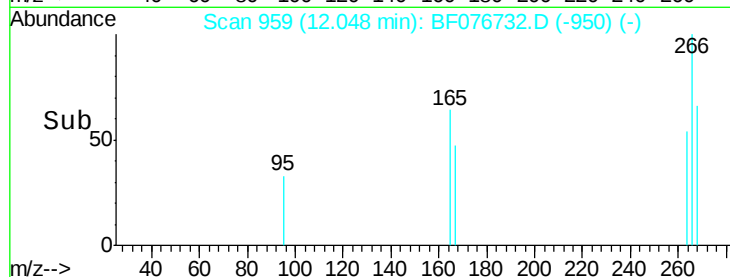
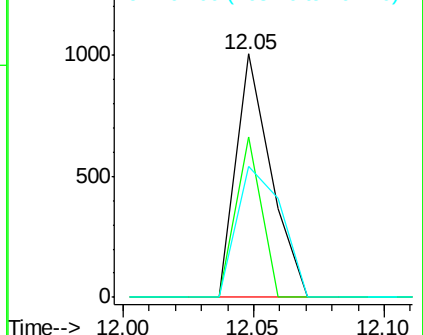
#69
 Pentachlorophenol
 Concen: 1.06 ng
 RT: 12.05 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:266 Resp: 942
 Ion Ratio Lower Upper
 266 100
 268 65.9 50.7 76.1
 264 53.6 48.7 73.1

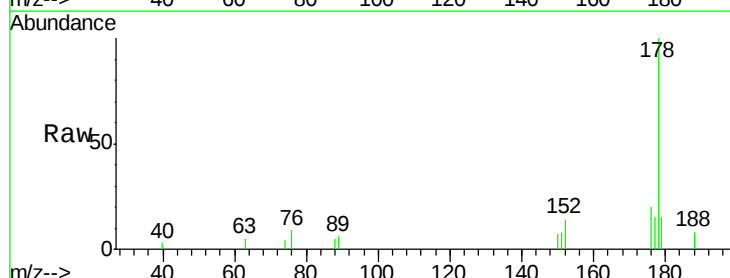


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

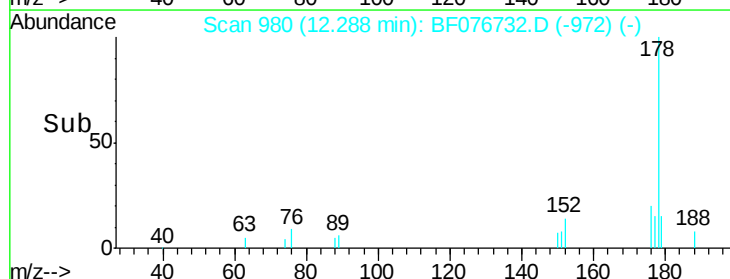
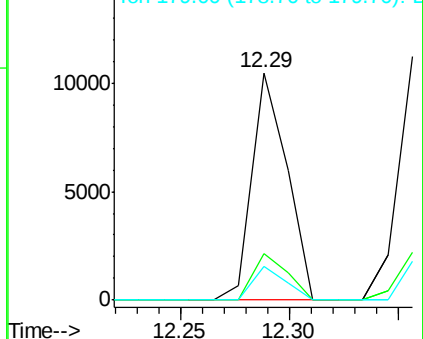


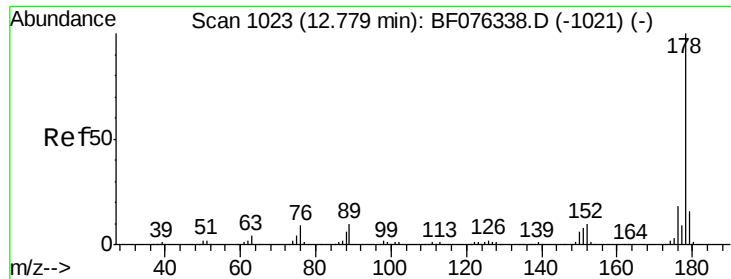
#70
 Phenanthrene
 Concen: 1.22 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion:178 Resp: 11731
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.3 22.9
 179 14.9 12.2 18.4



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

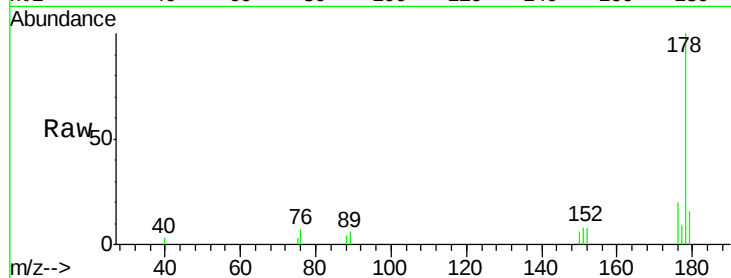




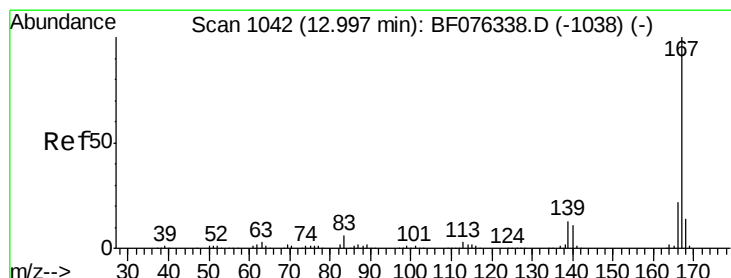
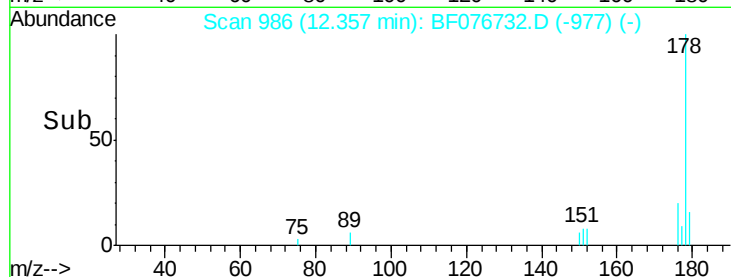
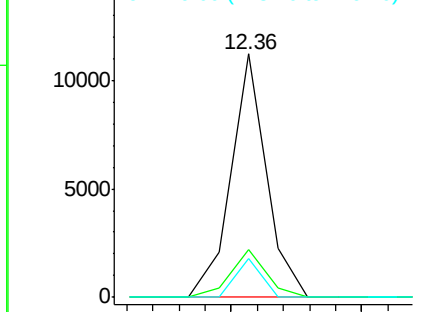
#71
 Anthracene
 Concen: 1.13 ng
 RT: 12.36 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:178 Resp: 10696
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.3 21.5
 179 15.9 12.7 19.1

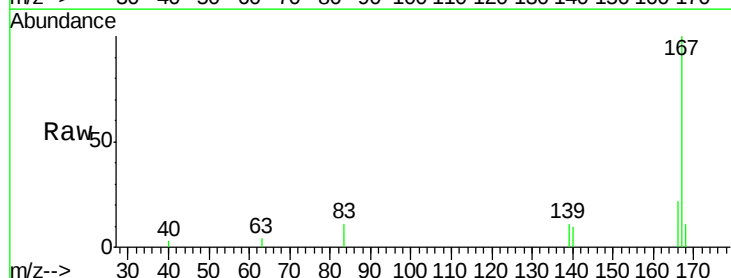


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

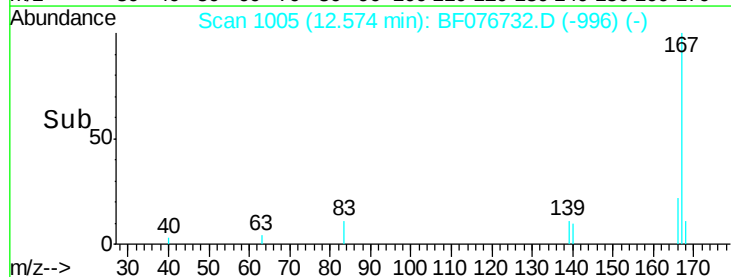
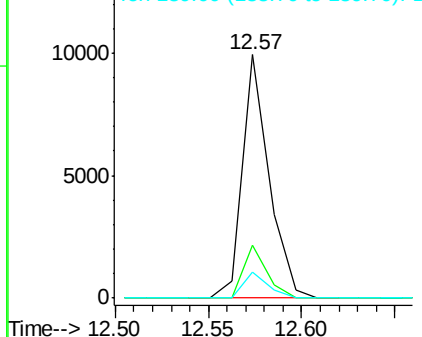


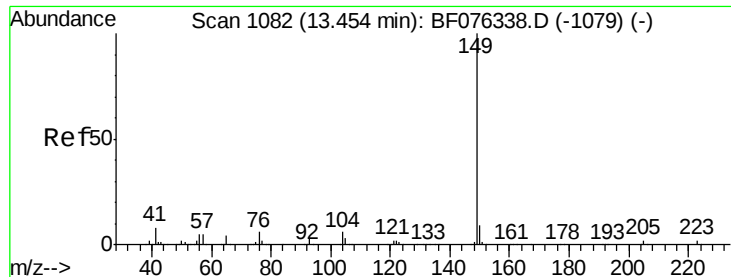
#72
 Carbazole
 Concen: 1.07 ng
 RT: 12.57 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF076732.D
 Acq: 2 Jan 2015 19:10

Tgt Ion:167 Resp: 9843
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 10.9 10.6 16.0



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: 0.94 ng

RT: 13.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

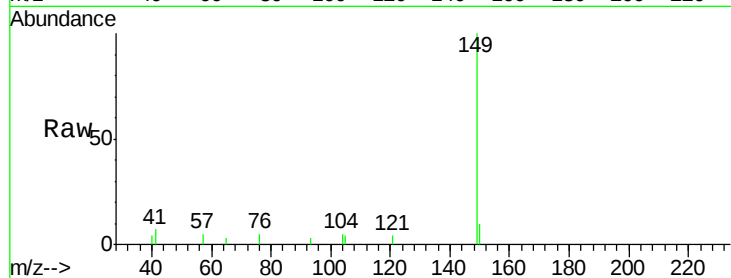
Tot Ion:149 Resp: 10596

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

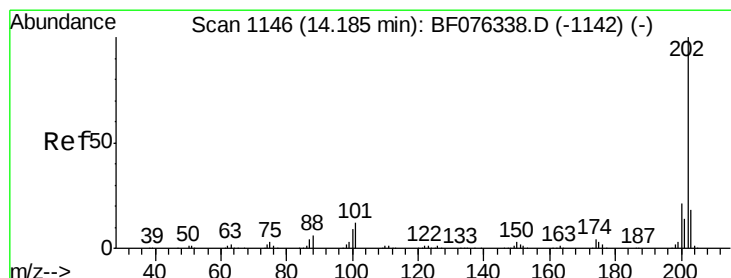
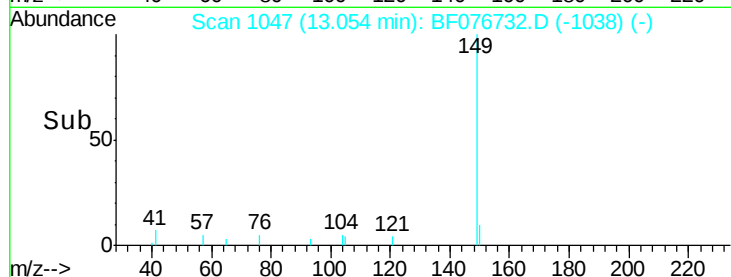
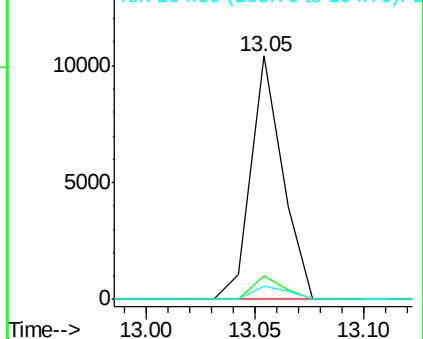
104 5.5 4.5 6.7



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: 1.06 ng

RT: 13.75 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

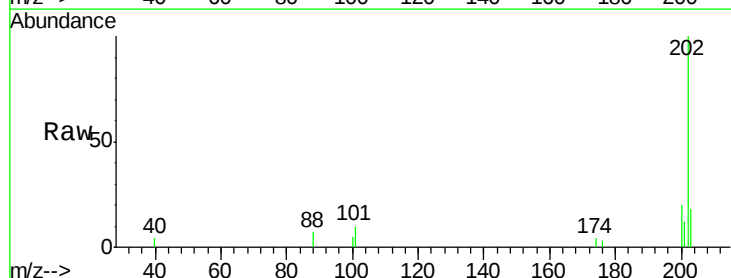
Tgt Ion:202 Resp: 10384

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.3

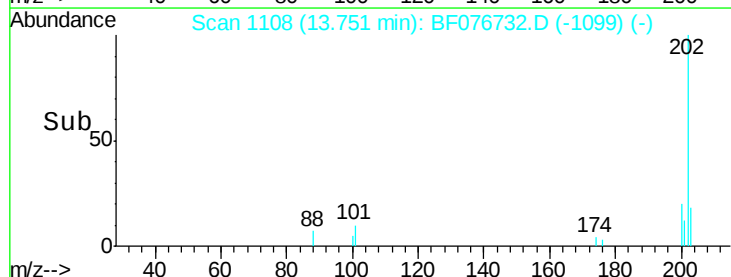
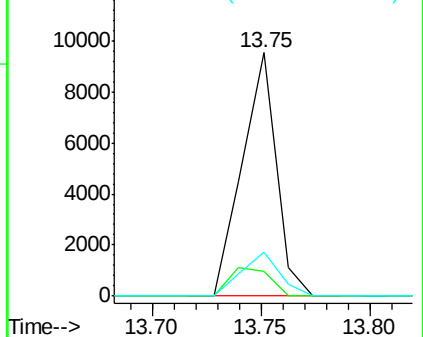
203 18.0 0.0 37.5

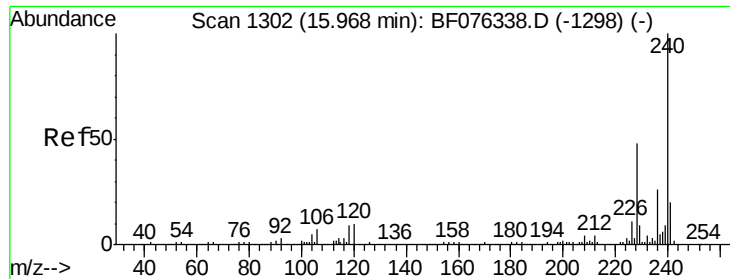


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

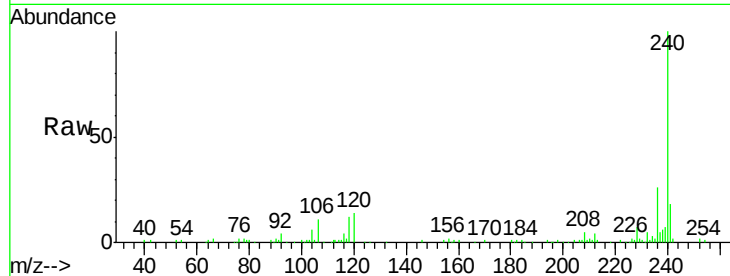
Tot Ion:240 Resp: 154452

Ion Ratio Lower Upper

240 100

120 13.8 8.0 12.0#

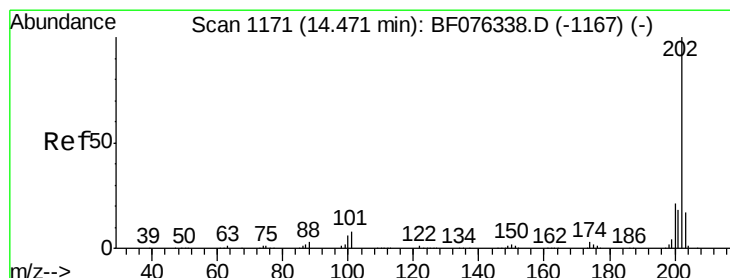
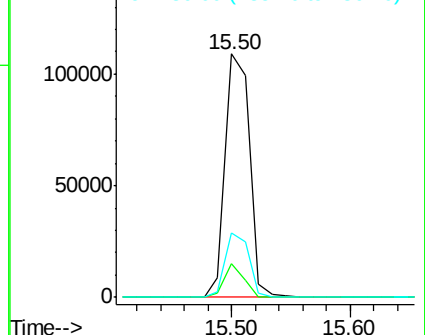
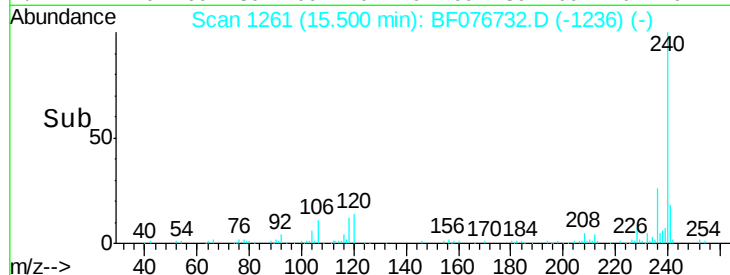
236 26.3 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 1.05 ng

RT: 14.01 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

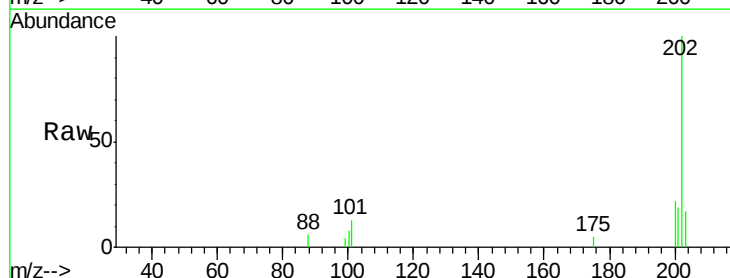
Tgt Ion:202 Resp: 11362

Ion Ratio Lower Upper

202 100

200 22.0 16.8 25.2

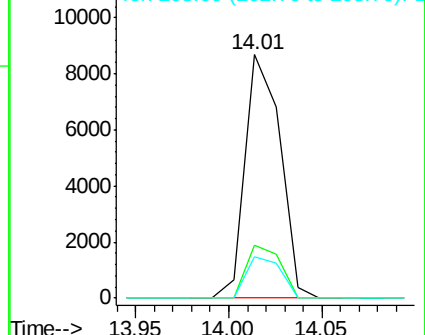
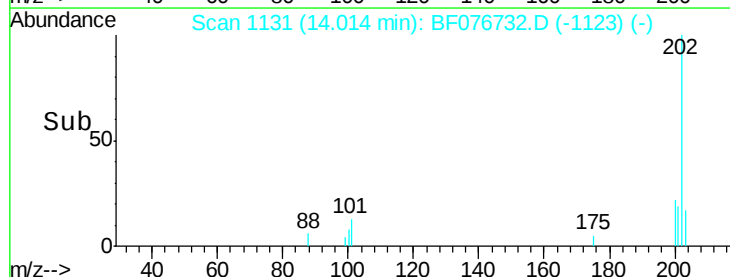
203 16.8 13.5 20.3

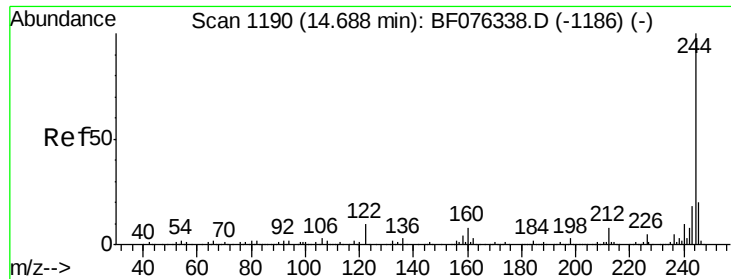


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.00 ng

RT: 14.25 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

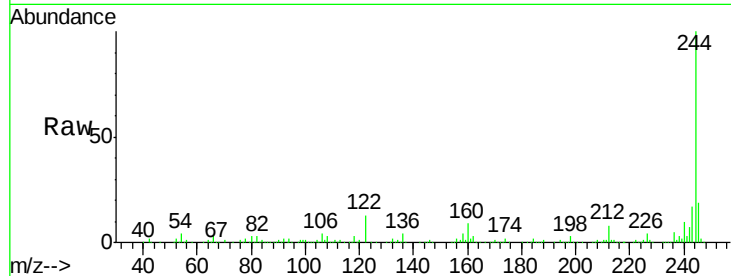
Tot Ion:244 Resp: 490177

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

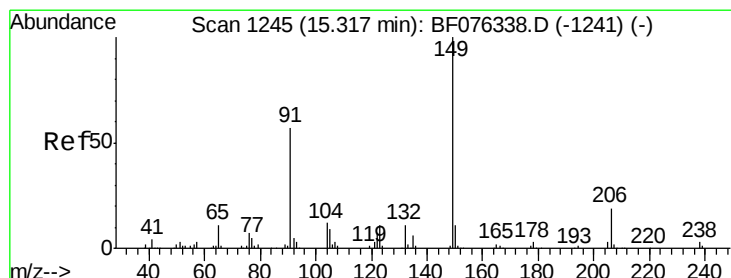
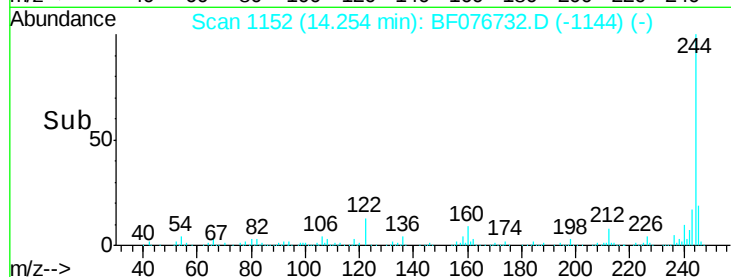
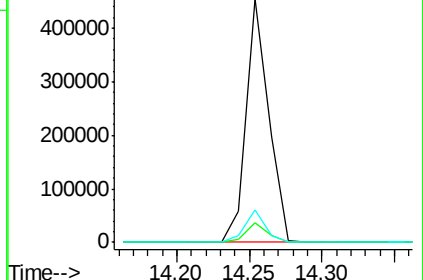
122 13.5 8.2 12.2#



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: 0.73 ng

RT: 14.89 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

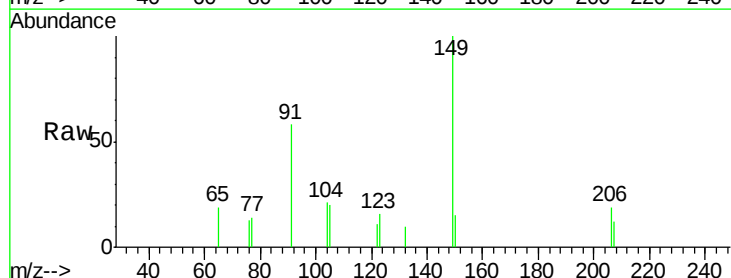
Tgt Ion:149 Resp: 3770

Ion Ratio Lower Upper

149 100

91 58.0 45.9 68.9

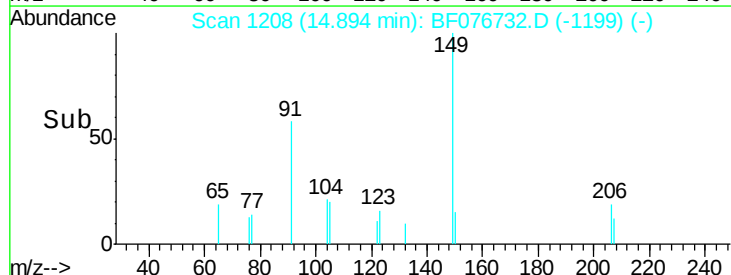
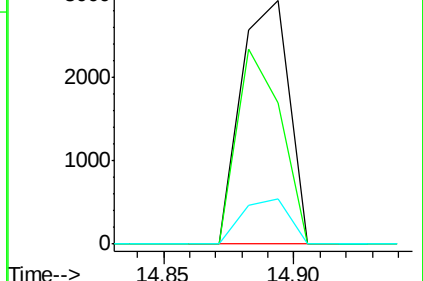
206 18.6 15.1 22.7

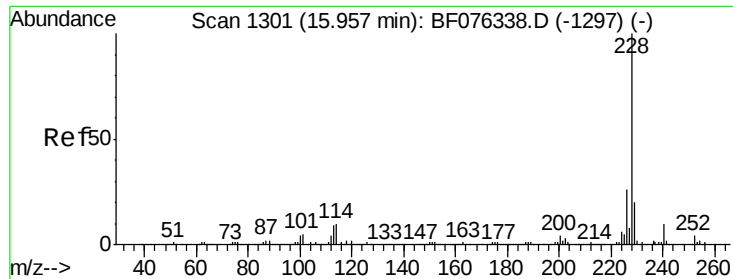


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

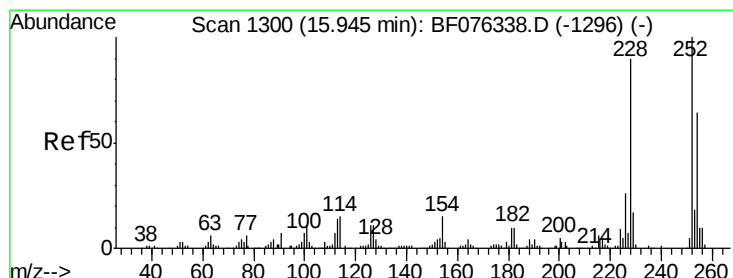
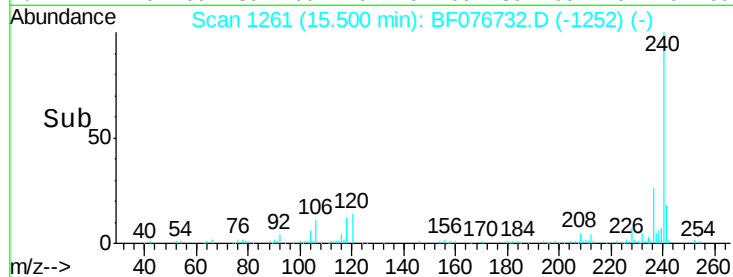
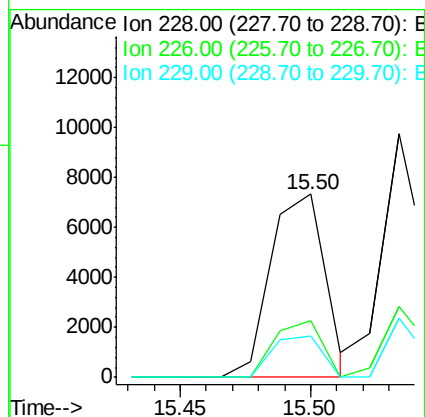
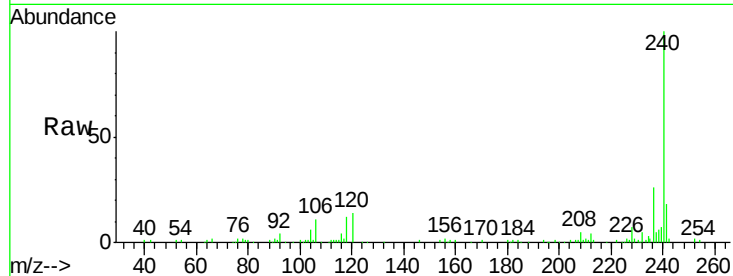




#80
Benzo(a)anthracene
Concen: 1.11 ng
RT: 15.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

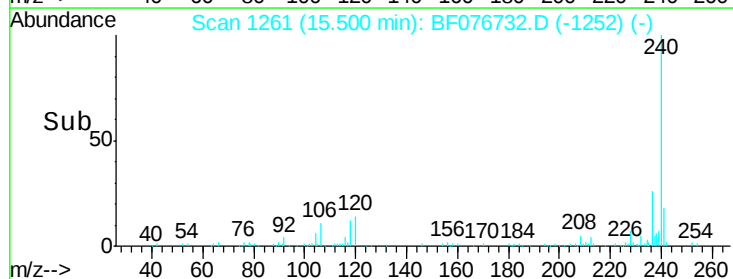
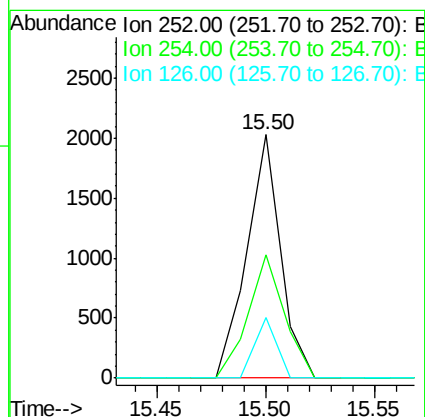
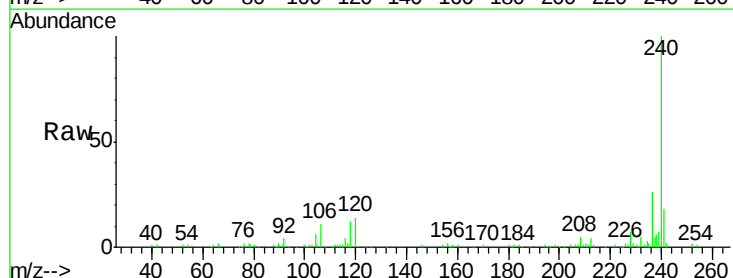
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

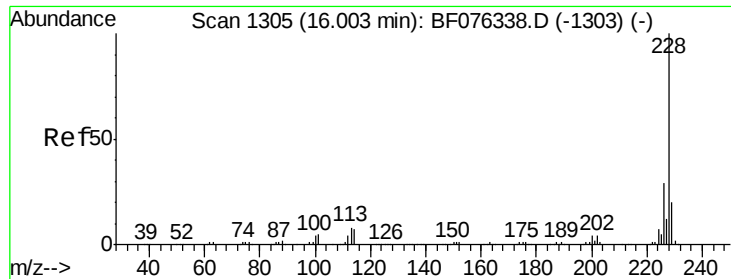
Tot Ion:228 Resp: 10633
Ion Ratio Lower Upper
228 100
226 31.0 20.9 31.3
229 22.5 15.8 23.8



#81
3,3'-Dichlorobenzidine
Concen: 0.68 ng
RT: 15.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:252 Resp: 2186
Ion Ratio Lower Upper
252 100
254 50.6 50.9 76.3#
126 25.0 8.4 12.6#





#82

Chrysene

Concen: 1.22 ng m

RT: 15.53 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

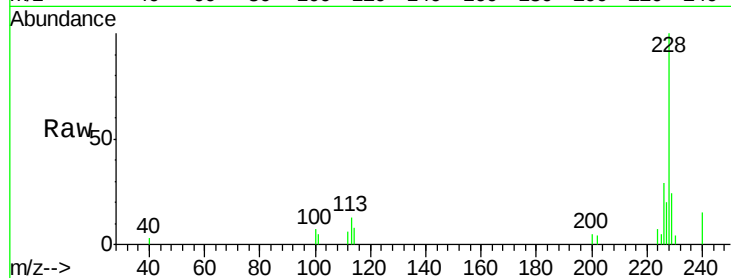
Tot Ion:228 Resp: 10713

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.0

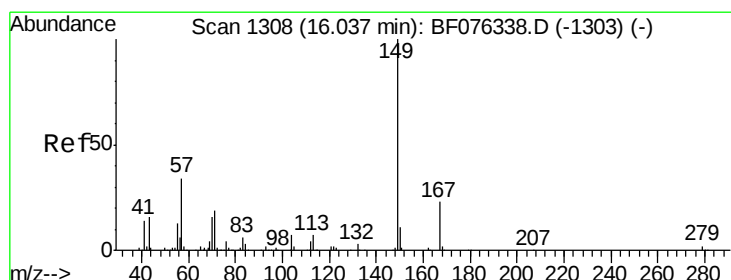
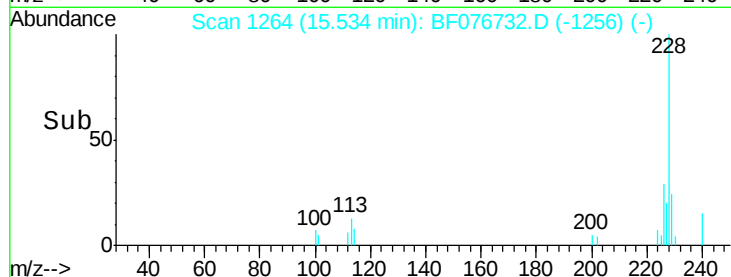
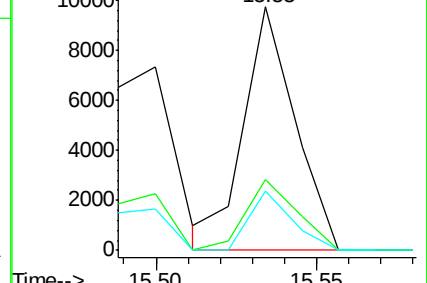
229 24.1 15.9 23.9#



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: 0.75 ng m

RT: 15.61 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

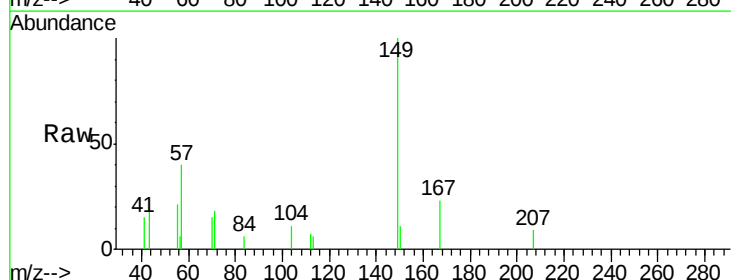
Tgt Ion:149 Resp: 5862

Ion Ratio Lower Upper

149 100

167 22.7 18.7 28.1

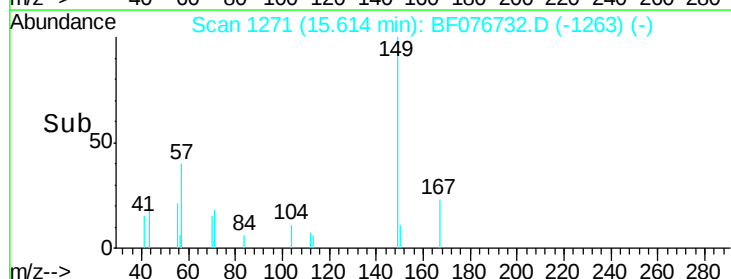
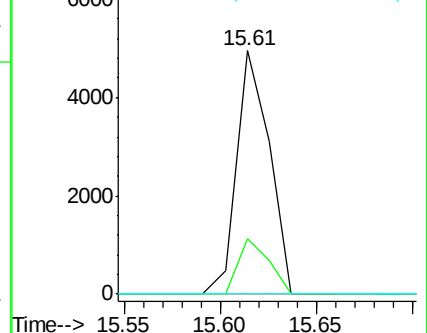
279 0.0 1.5 2.3#

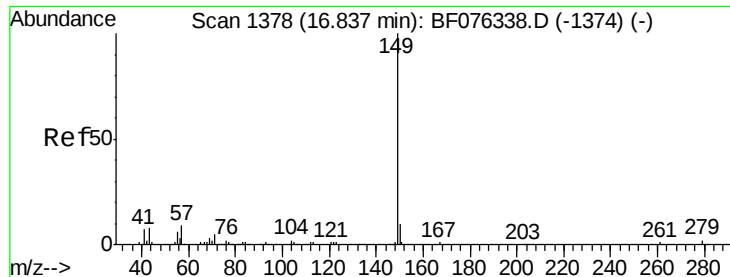


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.67 ng

RT: 16.40 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

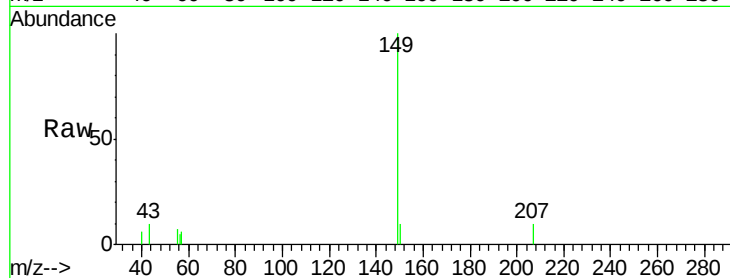
Tot Ion:149 Resp: 8888

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

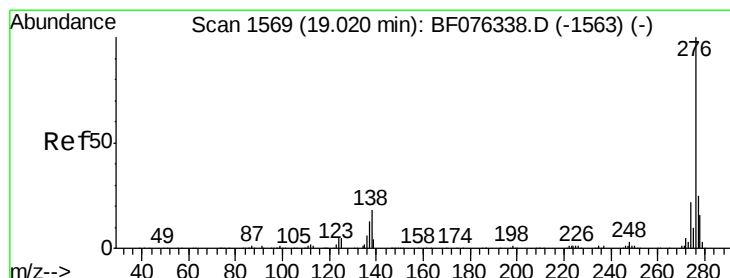
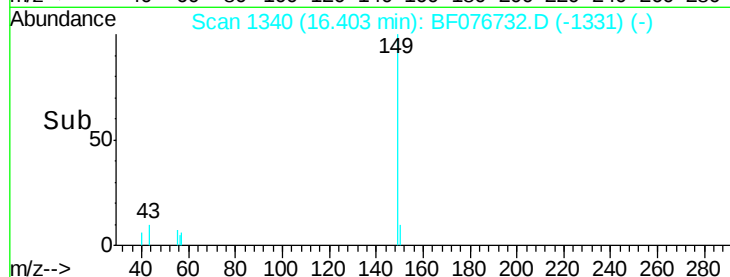
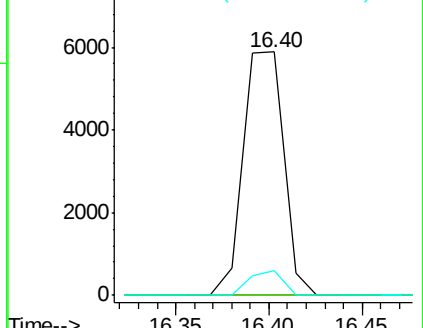
43 8.2 7.1 10.7



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: 1.03 ng

RT: 18.37 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BF076732.D

Acq: 2 Jan 2015 19:10

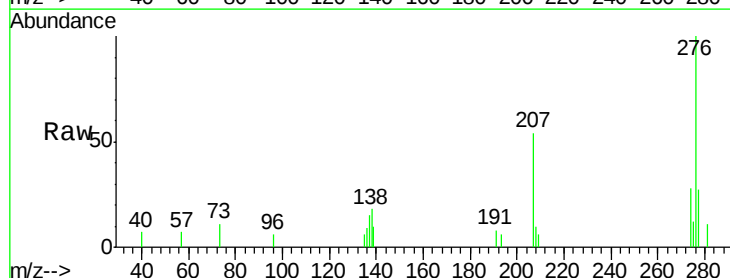
Tgt Ion:276 Resp: 9938

Ion Ratio Lower Upper

276 100

138 32.2 19.1 28.7#

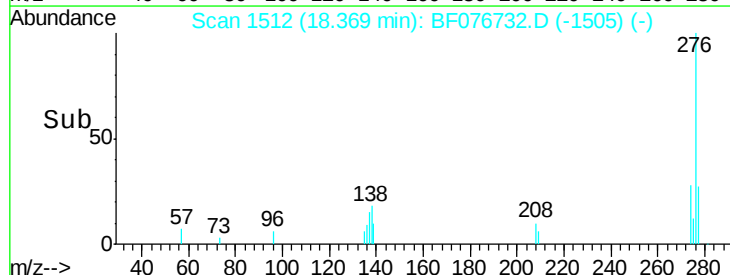
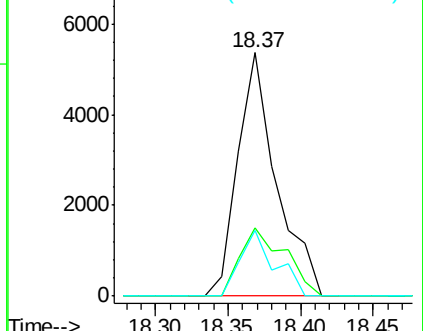
277 24.2 18.7 28.1

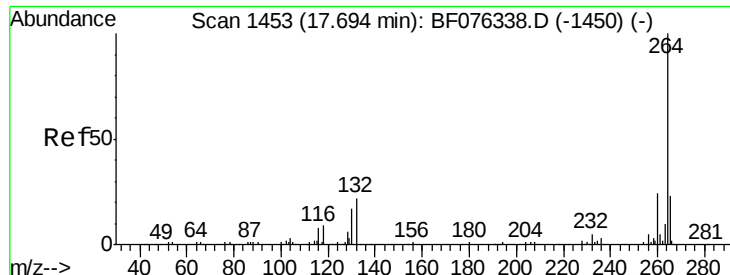


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

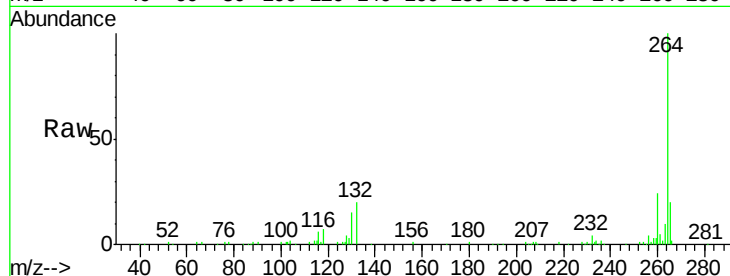




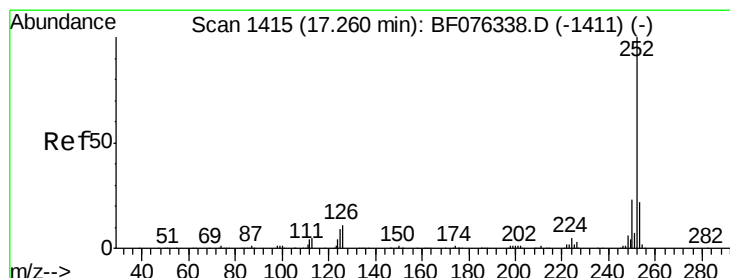
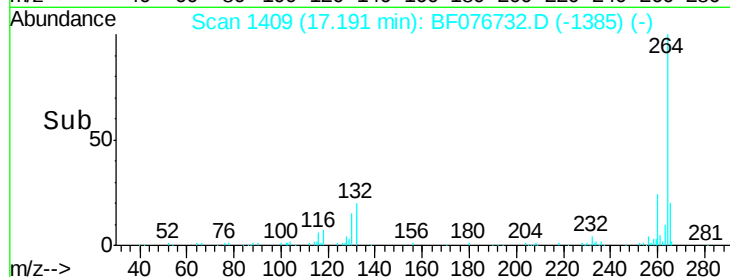
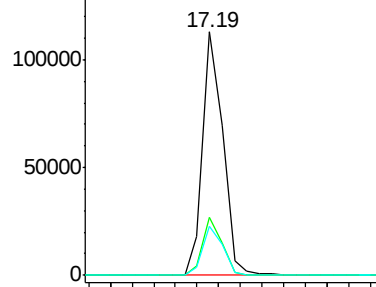
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.19 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:264 Resp: 144936
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 20.0 18.1 27.1

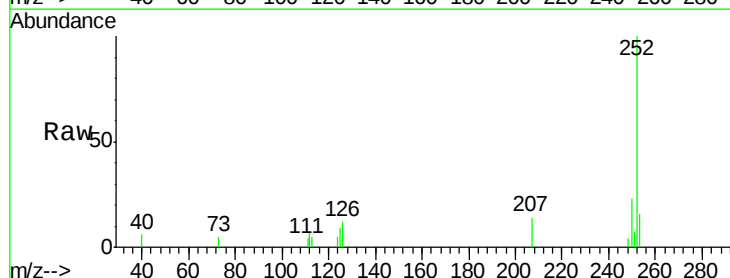


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

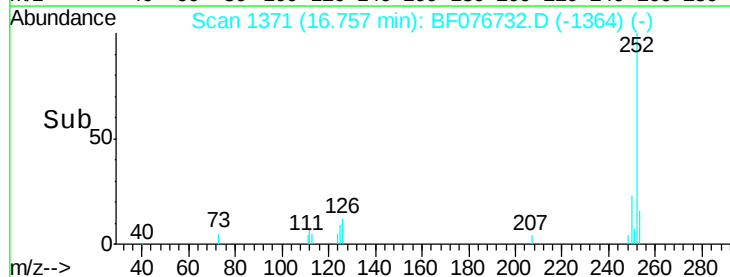
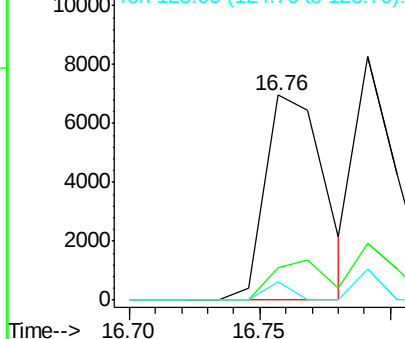


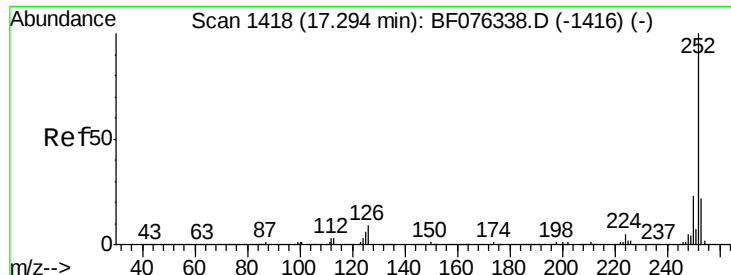
#87
Benzo(b)fluoranthene
Concen: 1.14 ng
RT: 16.76 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:252 Resp: 10925
Ion Ratio Lower Upper
252 100
253 16.1 17.6 26.4#
125 9.1 7.0 10.6



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

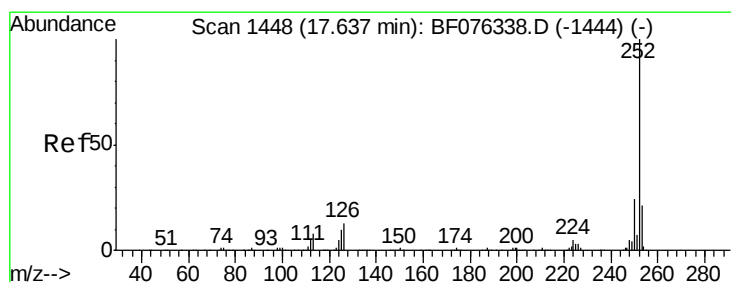
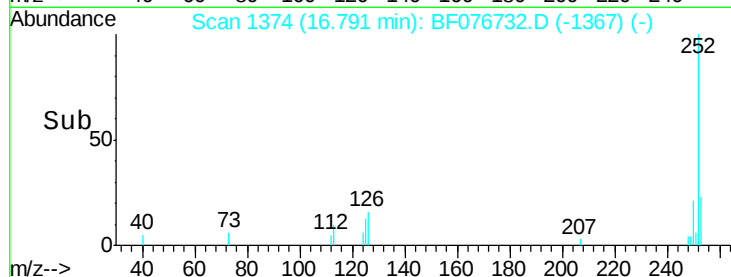
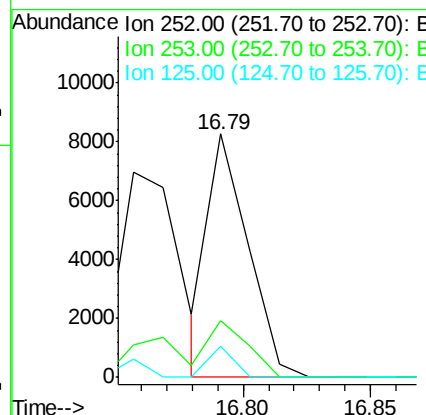
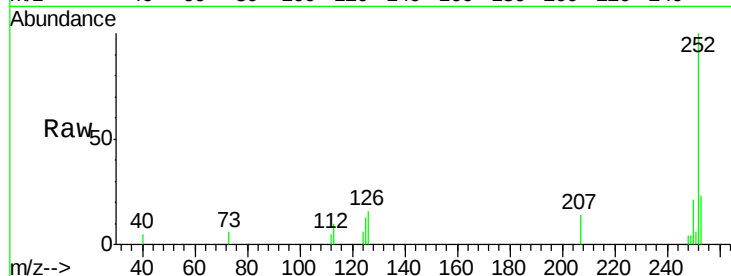




#88
Benzo(k)fluoranthene
Concen: 1.00 ng m
RT: 16.79 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

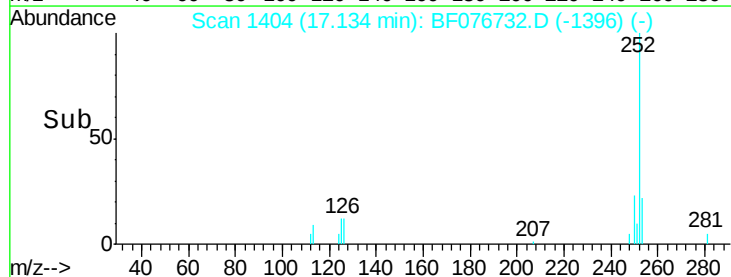
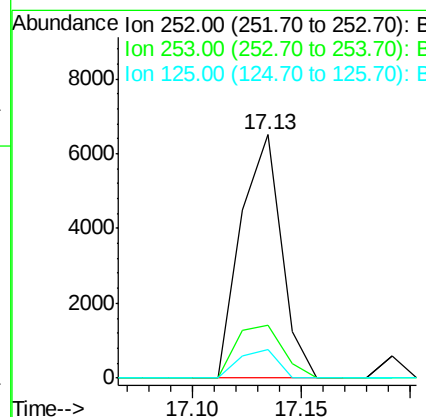
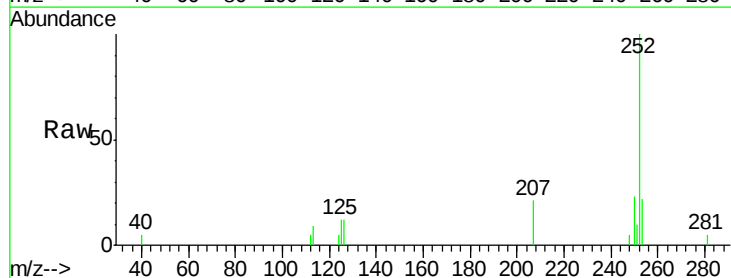
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

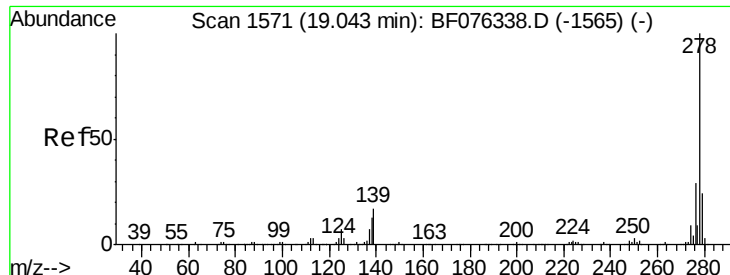
Tot Ion:252 Resp: 8908
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 13.0 5.4 8.2#



#89
Benzo(a)pyrene
Concen: 0.98 ng
RT: 17.13 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:252 Resp: 8404
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 11.8 8.2 12.2



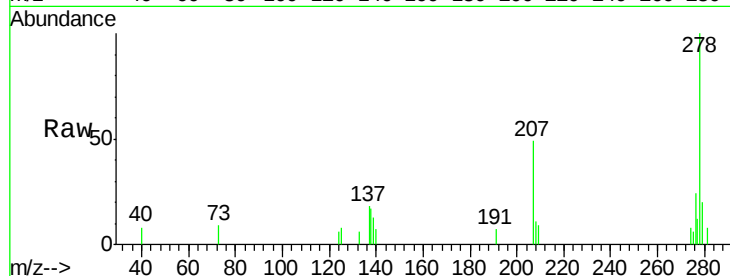


#90
Dibenzo(a,h)anthracene
Concen: 1.03 ng
RT: 18.39 min Scan# 1514
Delta R.T. -0.03 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

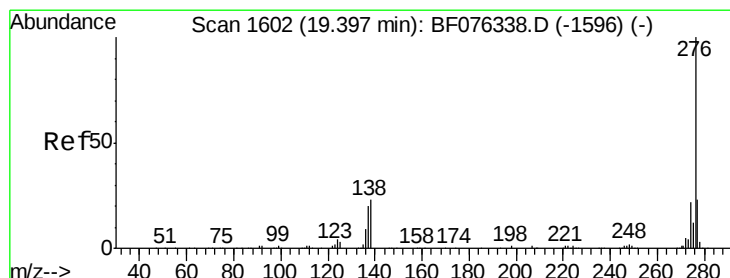
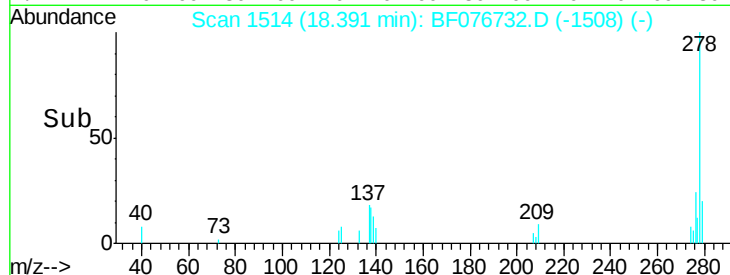
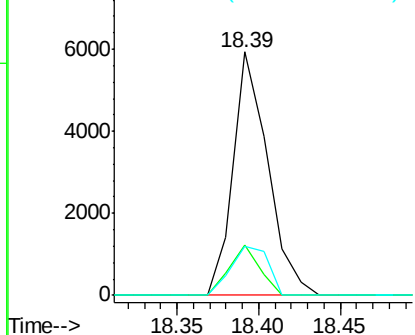
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:278 Resp: 8688

Ion	Ratio	Lower	Upper
278	100		
139	20.6	13.8	20.8
279	20.2	19.0	28.6



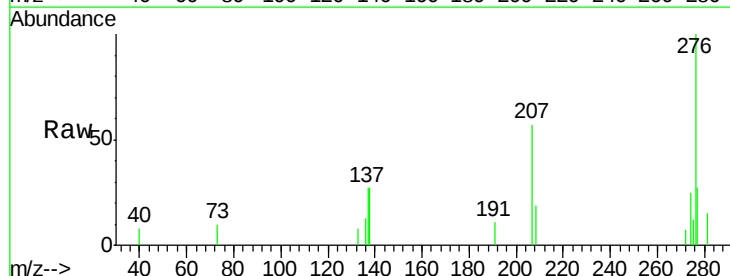
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 1.08 ng
RT: 18.68 min Scan# 1539
Delta R.T. -0.03 min
Lab File: BF076732.D
Acq: 2 Jan 2015 19:10

Tgt Ion:276 Resp: 8856

Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.6	28.0
138	27.2	18.2	27.4



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

