

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017747.D
 Acq On : 22 Jun 2015 16:17
 Operator : TP/IZ
 Sample : G2653-03
 Misc : LOD-SVOC-SOIL-1PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jun 23 03:47:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 06:05:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	74439	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	325202	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	195018	20.00	ng	-0.01
63) Phenanthrene-d10	17.01	188	442569	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	471383	20.00	ng	-0.02
86) Perylene-d12	23.44	264	434124	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	514219	121.23	ng	0.00
7) Phenol-d6	6.79	99	688757	115.53	ng	-0.01
23) Nitrobenzene-d5	8.76	82	422652	74.76	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	190123	105.14	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	845072	70.38	ng	-0.02
78) Terphenyl-d14	19.66	244	1393335	67.16	ng	-0.02

Target Compounds						Qvalue
6) Aniline	6.95	93	2171	0.26	ng	# 96
8) 2-Chlorophenol	7.18	128	4763	0.90	ng	# 81
9) Benzaldehyde	6.75	77	3655	1.06	ng	# 84
11) bis(2-Chloroethyl)ether	7.05	93	3316	0.67	ng	# 98
12) 1,3-Dichlorobenzene	7.50	146	3809	0.65	ng	# 88
13) 1,4-Dichlorobenzene	7.64	146	3881	0.64	ng	# 84
14) 1,2-Dichlorobenzene	7.95	146	3911	0.68	ng	# 75
15) Benzyl Alcohol	7.85	79	2923	0.57	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.15	45	6165	0.82	ng	# 87
17) 2-Methylphenol	8.05	107	3079	0.64	ng	# 93
18) Hexachloroethane	8.68	117	1523	0.65	ng	# 67
19) n-Nitroso-di-n-propylamine	8.41	70	2807	0.56	ng	# 93
20) 3+4-Methylphenols	8.38	107	4033	0.62	ng	# 89
22) Acetophenone	8.43	105	4569	0.62	ng	# 81
24) Nitrobenzene	8.80	77	4035	0.66	ng	# 75
25) Isophorone	9.32	82	7731	0.61	ng	# 93
26) 2-Nitrophenol	9.51	139	1851	0.67	ng	# 75
27) 2,4-Dimethylphenol	9.57	122	3280	0.62	ng	# 81
28) bis(2-Chloroethoxy)methane	9.82	93	4073	0.64	ng	# 93
29) 2,4-Dichlorophenol	10.04	162	2691	0.58	ng	# 88
30) 1,2,4-Trichlorobenzene	10.25	180	3086	0.59	ng	# 90
31) Naphthalene	10.44	128	11431	0.65	ng	# 93
33) 4-Chloroaniline	10.55	127	2997	0.39	ng	# 77
34) Hexachlorobutadiene	10.74	225	1781	0.60	ng	# 81
36) 4-Chloro-3-methylphenol	11.69	107	2864	0.50	ng	# 78
37) 2-Methylnaphthalene	12.06	142	7604m	0.60	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	3768	0.72	ng	# 91
42) 2,4,6-Trichlorophenol	12.69	196	1550m	0.44	ng	# 77
43) 2,4,5-Trichlorophenol	12.75	196	2227	0.58	ng	# 91
45) 1,1'-Biphenyl	13.09	154	9165	0.64	ng	# 85
46) 2-Chloronaphthalene	13.13	162	6902	0.60	ng	# 84
47) 2-Nitroaniline	13.34	65	2153	0.62	ng	# 97
48) Acenaphthylene	13.98	152	11961	0.58	ng	# 93
49) Dimethylphthalate	13.73	163	9325	0.63	ng	# 93

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 06:05:07 2015
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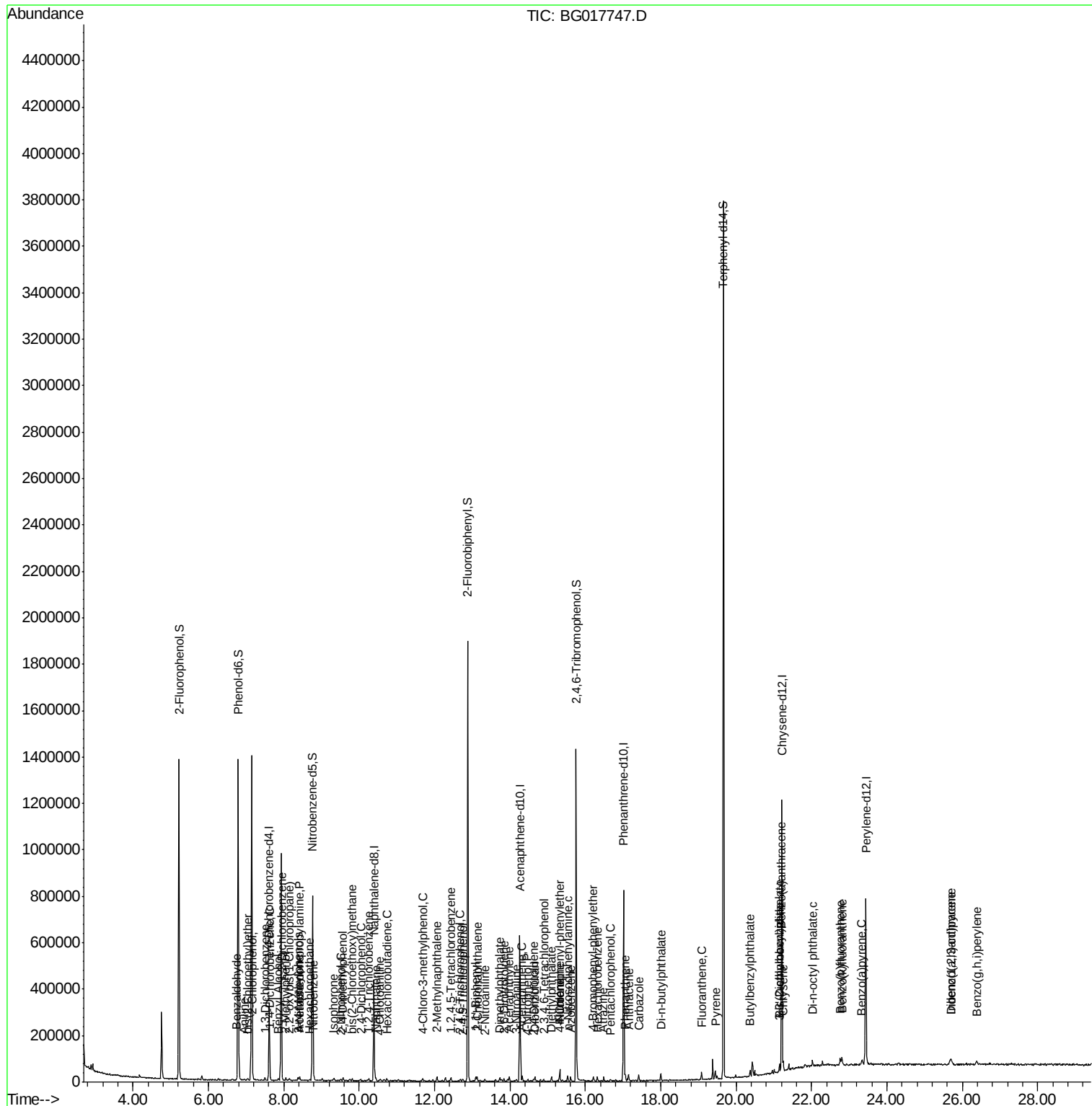
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2,6-Dinitrotoluene	13.84	165	1611	0.52	ng	93
51) Acenaphthene	14.33	154	7809	0.62	ng	95
52) 3-Nitroaniline	14.16	138	1620	0.45	ng	# 70
54) Dibenzofuran	14.66	168	11041	0.63	ng	97
55) 4-Nitrophenol	14.48	139	1287	0.45	ng	# 84
56) 2,4-Dinitrotoluene	14.63	165	1962	3.35	ng	# 82
57) Fluorene	15.31	166	9795	0.62	ng	90
58) 2,3,4,6-Tetrachlorophenol	14.90	232	1489	0.46	ng	# 89
59) Diethylphthalate	15.10	149	9938	0.61	ng	# 90
60) 4-Chlorophenyl-phenylether	15.32	204	4558	0.62	ng	91
61) 4-Nitroaniline	15.34	138	1971	0.49	ng	94
62) Azobenzene	15.61	77	10510	0.62	ng	91
65) n-Nitrosodiphenylamine	15.53	169	7169	0.51	ng	92
66) 4-Bromophenyl-phenylether	16.21	248	2354	0.51	ng	85
67) Hexachlorobenzene	16.32	284	2881	0.58	ng	# 73
68) Atrazine	16.49	200	2633	0.51	ng	95
69) Pentachlorophenol	16.66	266	944	0.38	ng	# 34
70) Phenanthrene	17.06	178	15785	0.63	ng	96
71) Anthracene	17.15	178	16323m	0.65	ng	
72) Carbazole	17.42	167	14152	0.58	ng	93
73) Di-n-butylphthalate	18.00	149	18381	0.60	ng	# 93
74) Fluoranthene	19.08	202	17849	0.63	ng	92
77) Pyrene	19.44	202	18951	0.63	ng	95
79) Butylbenzylphthalate	20.37	149	7496	0.53	ng	95
80) Benzo(a)anthracene	21.19	228	17749	0.65	ng	96
81) 3,3'-Dichlorobenzidine	21.14	252	3671	0.36	ng	86
82) Chrysene	21.25	228	15398	0.62	ng	95
83) Bis(2-ethylhexyl)phthalate	21.15	149	10650	0.54	ng	# 89
84) Di-n-octyl phthalate	22.02	149	15914	0.49	ng	# 85
85) Indeno(1,2,3-cd)pyrene	25.70	276	17358	0.58	ng	95
87) Benzo(b)fluoranthene	22.76	252	16588m	0.63	ng	
88) Benzo(k)fluoranthene	22.81	252	16387	0.66	ng	98
89) Benzo(a)pyrene	23.33	252	14718	0.61	ng	# 92
90) Dibenzo(a,h)anthracene	25.71	278	14445	0.59	ng	# 92
91) Benzo(g,h,i)perylene	26.38	276	13849	0.59	ng	# 85

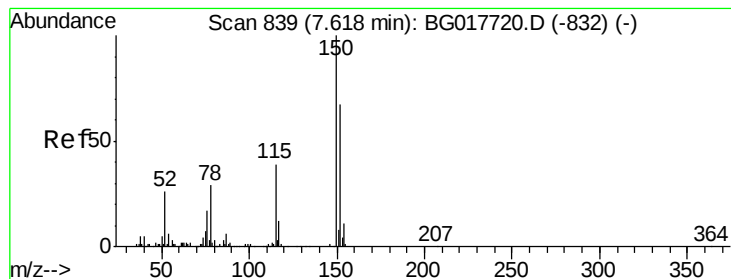
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

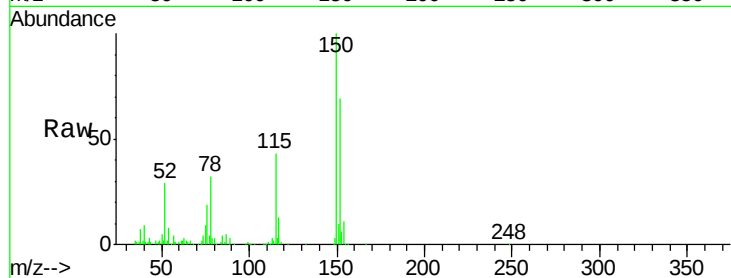
Tgt Ion:152 Resp: 74439

Ion Ratio Lower Upper

152 100

150 144.1 119.1 178.7

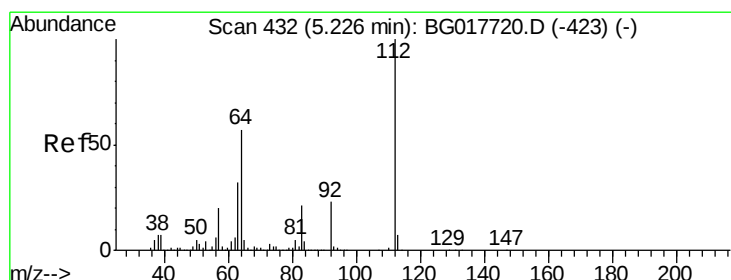
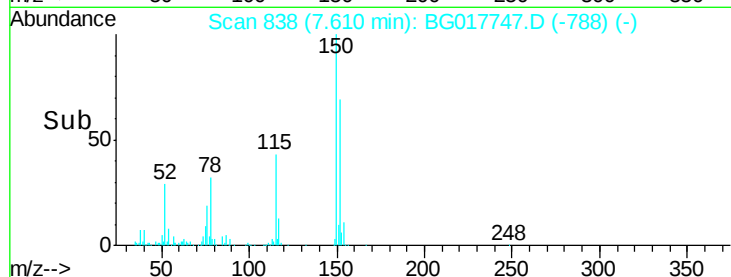
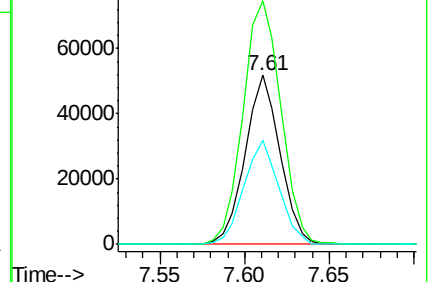
115 61.9 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 121.23 ng

RT: 5.22 min Scan# 431

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

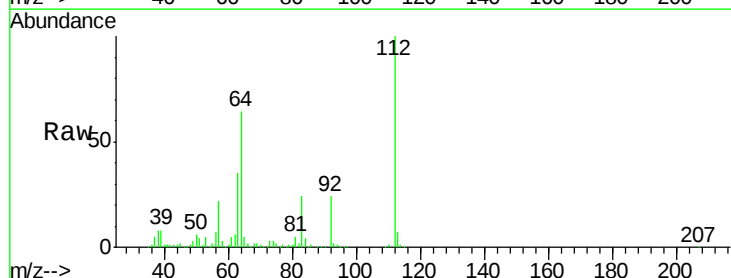
Tgt Ion:112 Resp: 514219

Ion Ratio Lower Upper

112 100

64 63.7 45.4 68.0

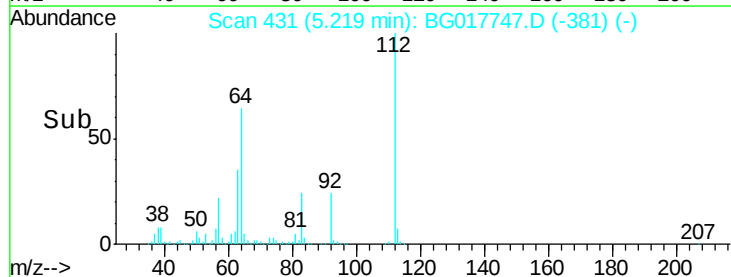
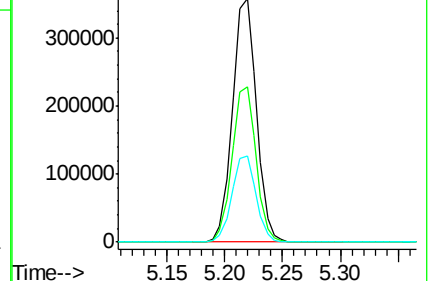
63 35.4 25.3 37.9

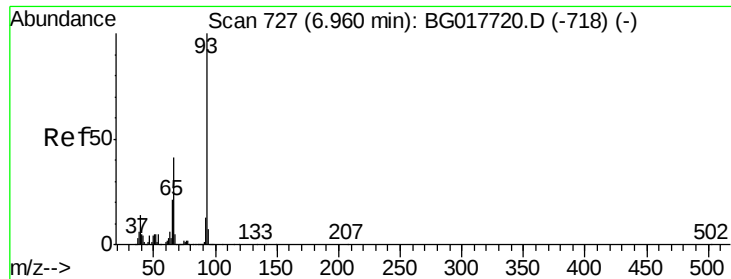


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.26 ng

RT: 6.95 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

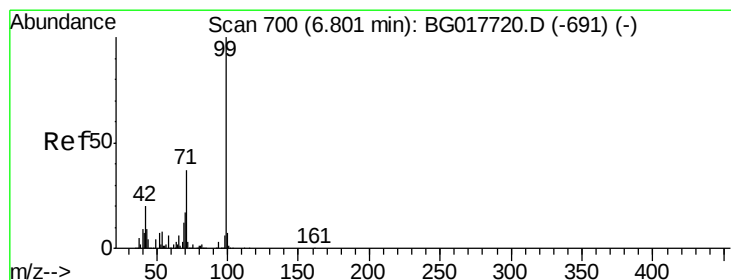
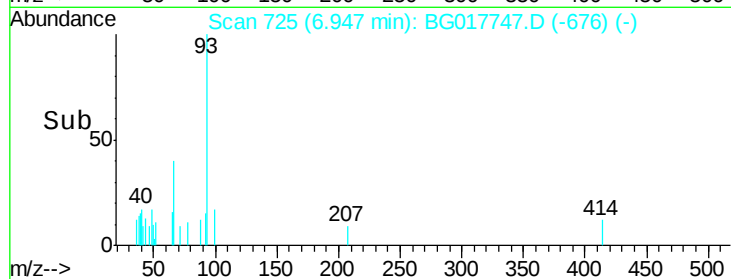
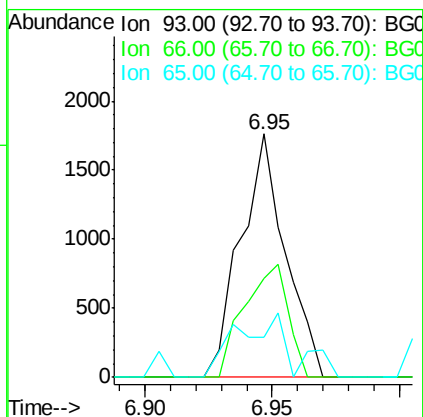
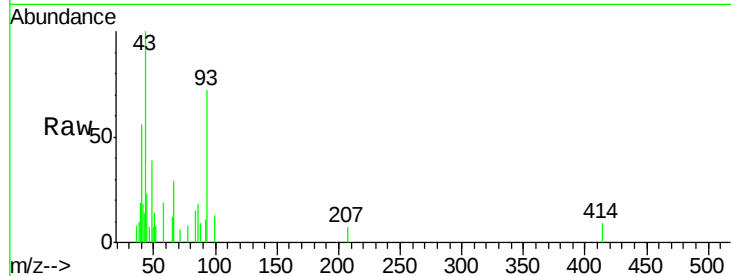
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	93	Resp:	2171
Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.7	49.1
65	16.4	17.0	25.6#



#7

Phenol-d6

Concen: 115.53 ng

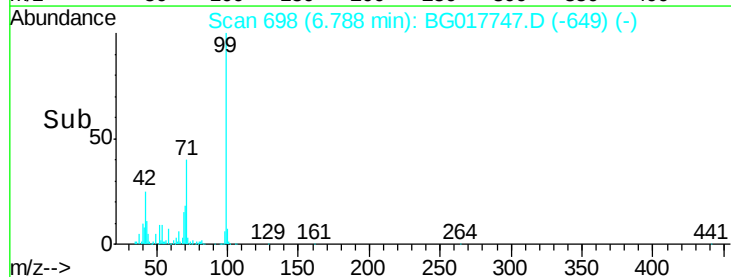
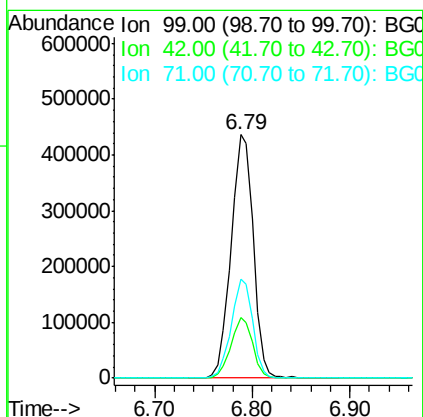
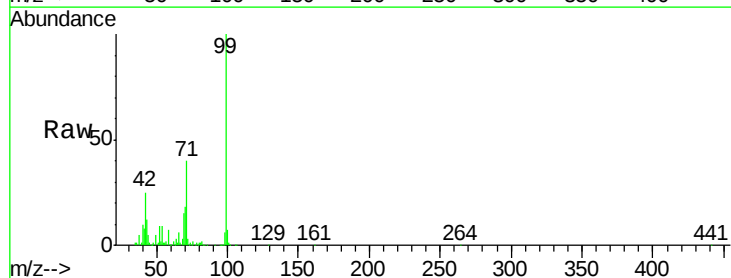
RT: 6.79 min Scan# 698

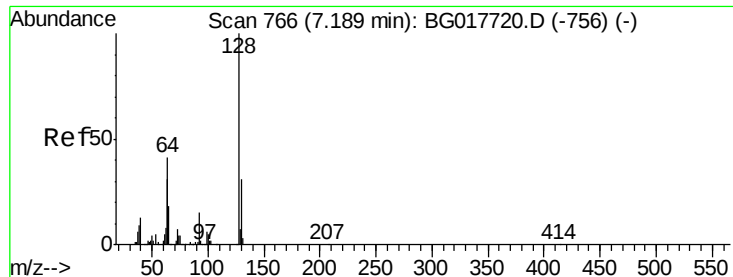
Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Tgt Ion:	99	Resp:	688757
Ion	Ratio	Lower	Upper
99	100		
42	24.9	16.2	24.4#
71	40.4	29.5	44.3





#8

2-Chlorophenol

Concen: 0.90 ng

RT: 7.18 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

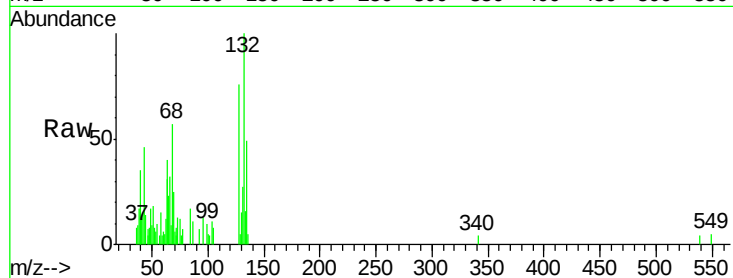
Tgt Ion:128 Resp: 4763

Ion Ratio Lower Upper

128 100

130 20.0 11.1 51.1

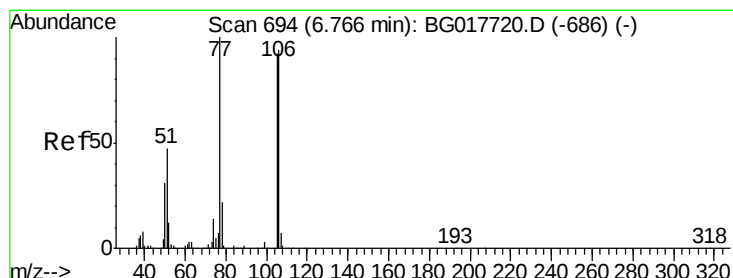
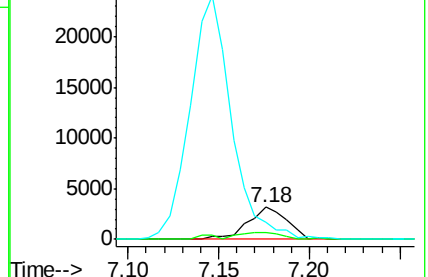
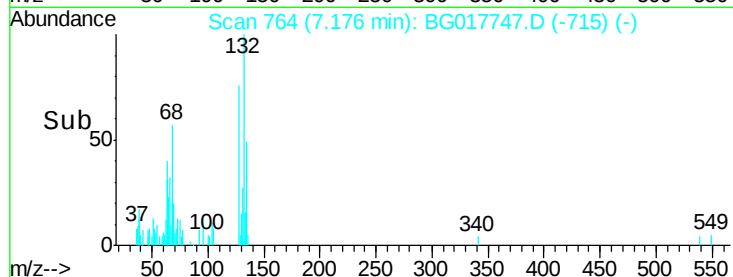
64 52.5 21.4 61.4



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 1.06 ng

RT: 6.75 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

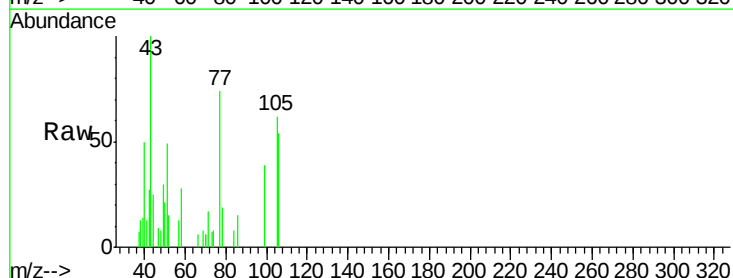
Tgt Ion: 77 Resp: 3655

Ion Ratio Lower Upper

77 100

105 82.8 71.8 111.8

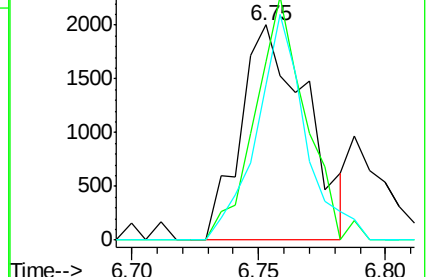
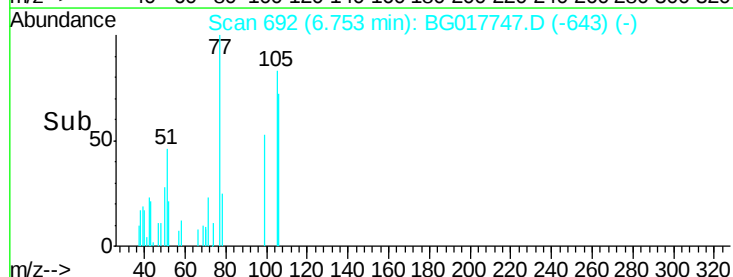
106 72.0 74.5 114.5#

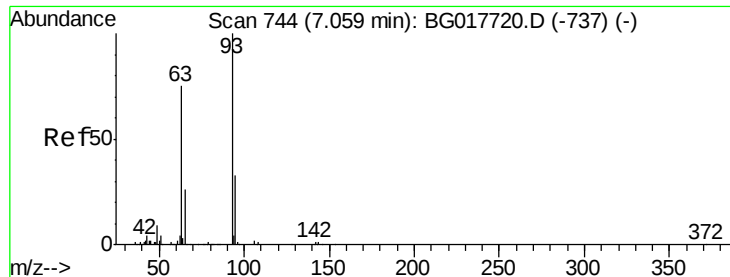


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

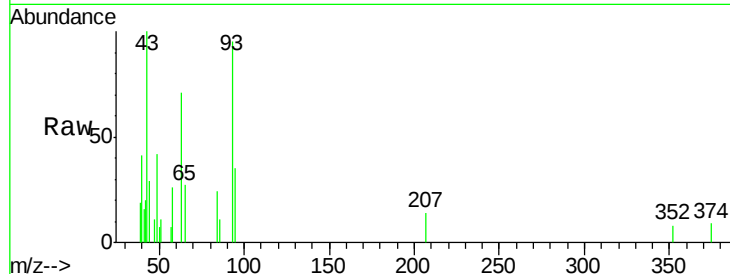




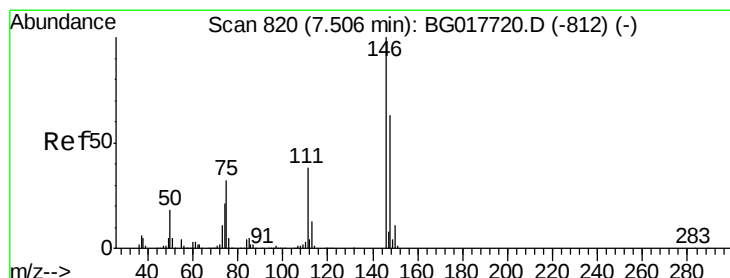
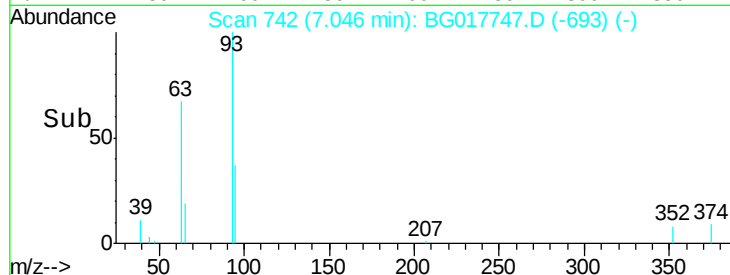
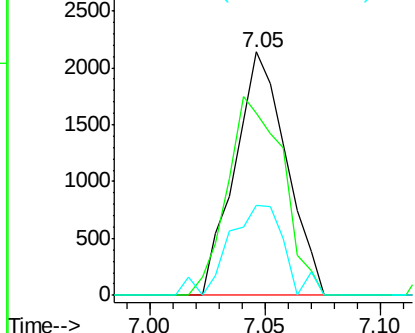
#11
bis(2-Chloroethyl)ether
Concen: 0.67 ng
RT: 7.05 min Scan# 742
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
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ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 93 Resp: 3316
Ion Ratio Lower Upper
93 100
63 75.0 54.7 94.7
95 37.0 13.2 53.2

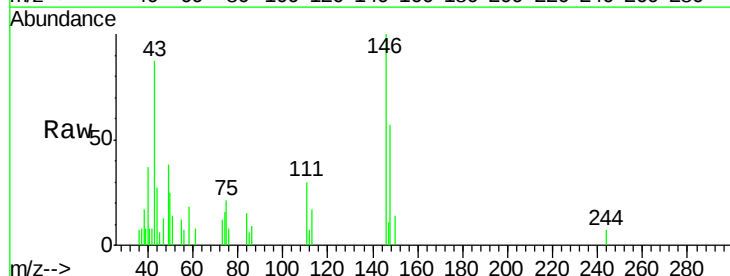


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

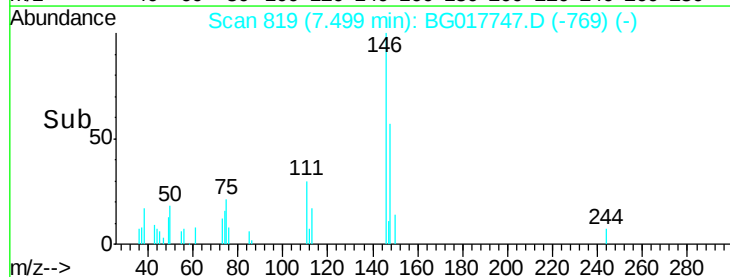
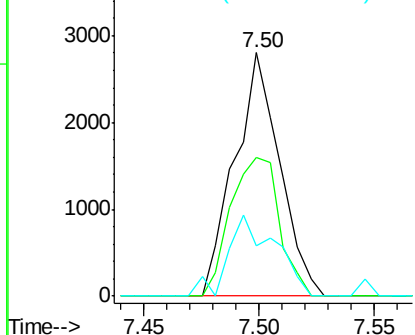


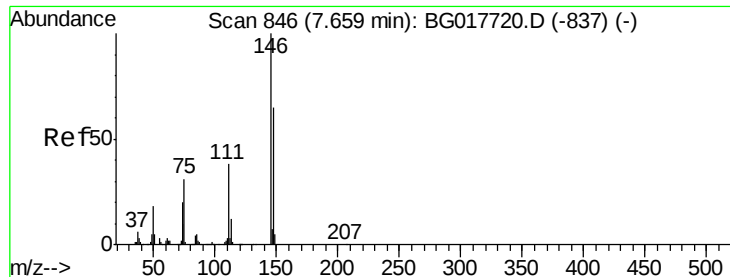
#12
1,3-Dichlorobenzene
Concen: 0.65 ng
RT: 7.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion: 146 Resp: 3809
Ion Ratio Lower Upper
146 100
148 57.2 50.8 76.2
75 20.8 25.8 38.6#



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





#13

1,4-Dichlorobenzene

Concen: 0.64 ng

RT: 7.64 min Scan# 843

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

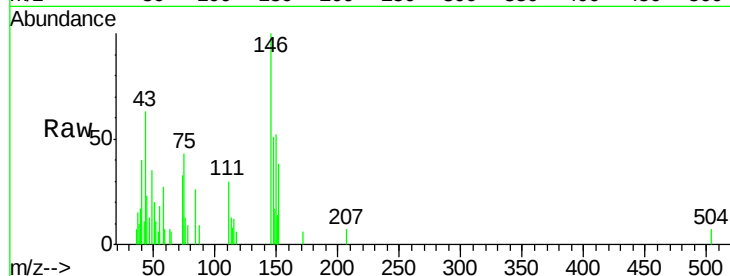
Tgt Ion:146 Resp: 3881

Ion Ratio Lower Upper

146 100

148 51.3 51.8 77.6#

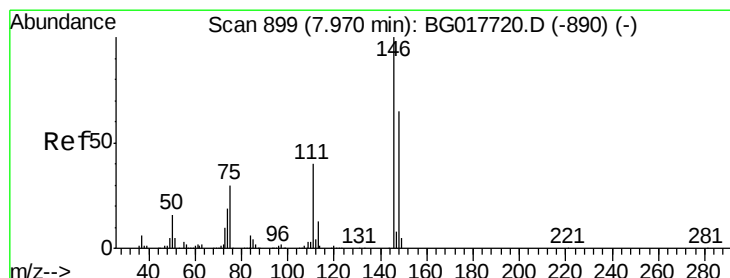
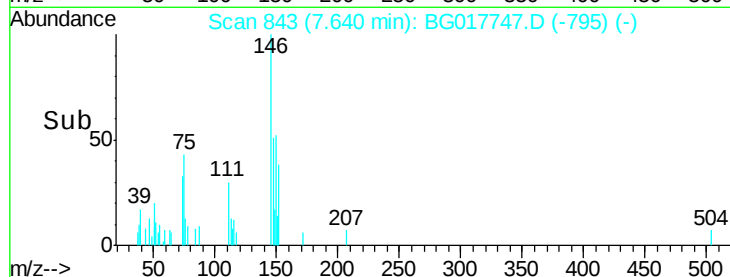
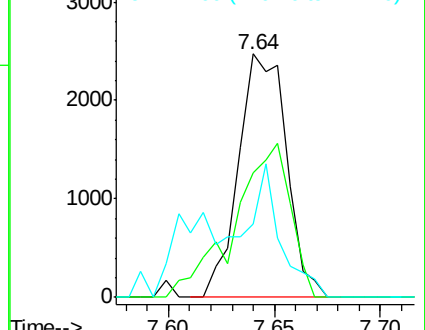
111 30.0 31.0 46.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.68 ng

RT: 7.95 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

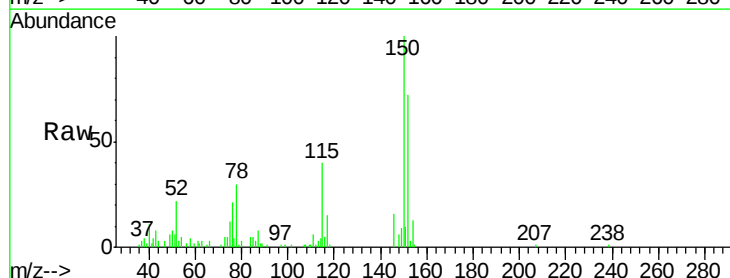
Tgt Ion:146 Resp: 3911

Ion Ratio Lower Upper

146 100

148 37.0 52.2 78.4#

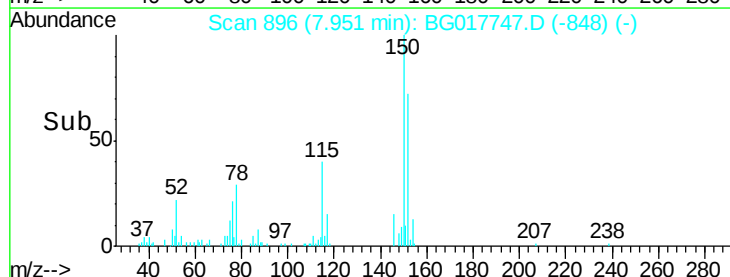
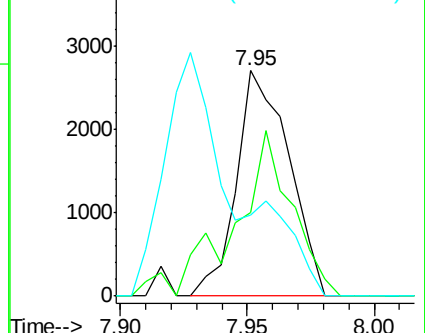
111 35.7 32.3 48.5

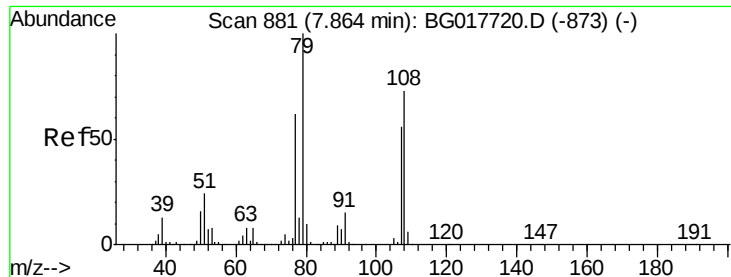


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.57 ng

RT: 7.85 min Scan# 878

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

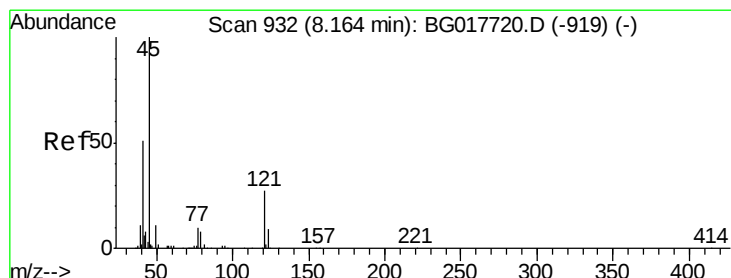
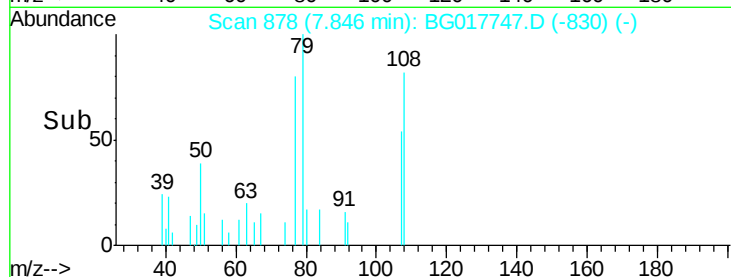
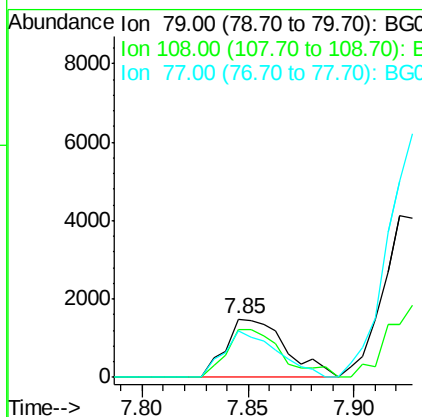
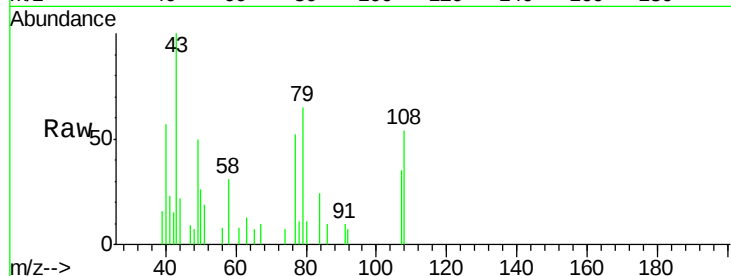
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	79	Resp:	2923
Ion	Ratio	Lower	Upper
79	100		
108	82.3	58.4	87.6
77	80.4	49.9	74.9#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.82 ng

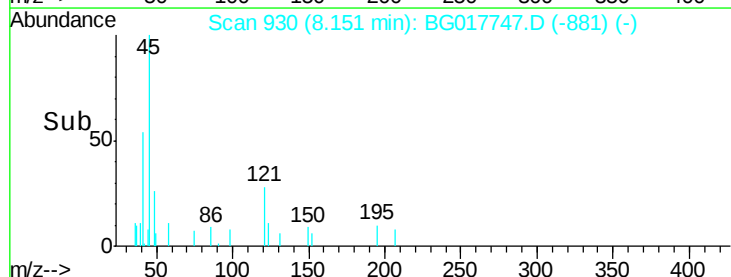
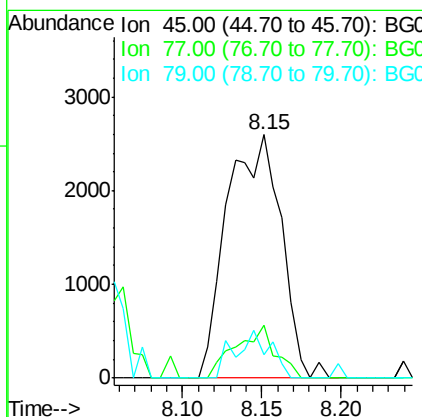
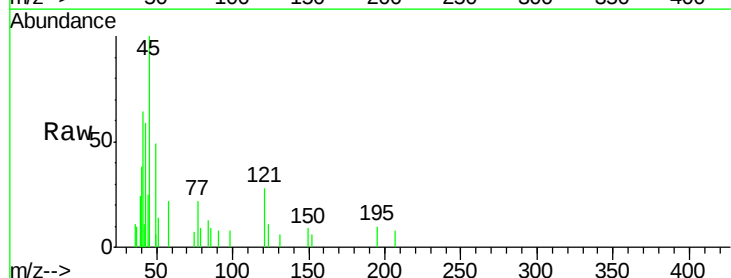
RT: 8.15 min Scan# 930

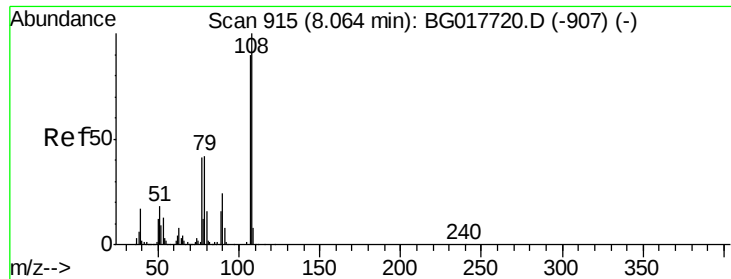
Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Tgt Ion:	45	Resp:	6165
Ion	Ratio	Lower	Upper
45	100		
77	21.7	0.0	33.9
79	9.5	0.0	31.4

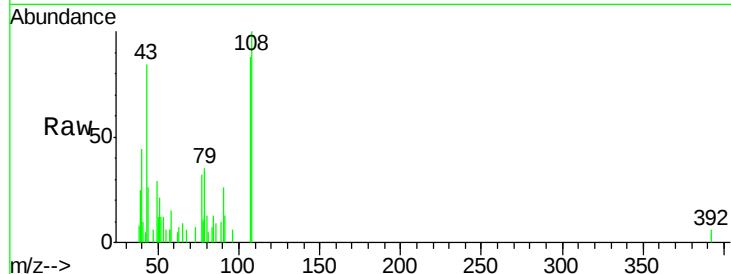




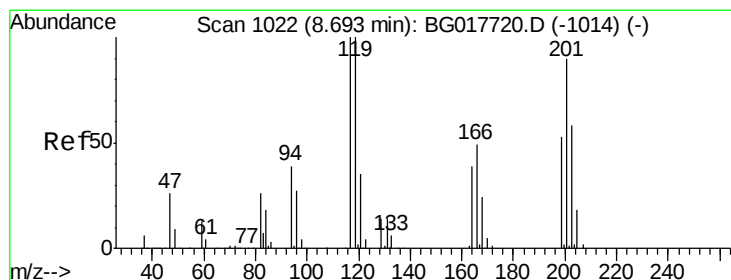
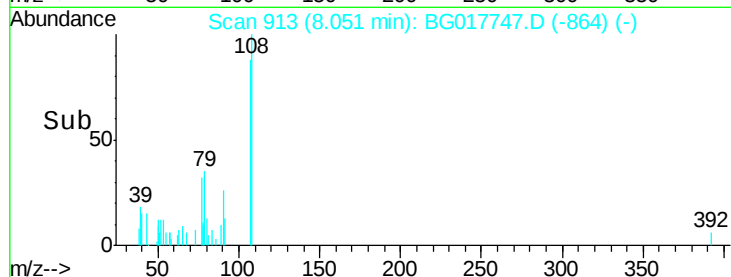
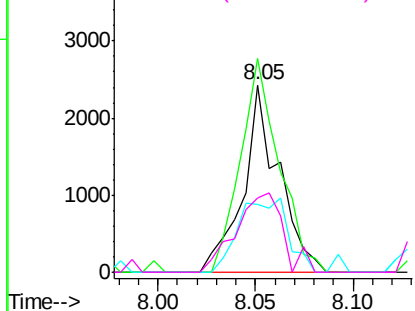
#17
2-Methylphenol
Concen: 0.64 ng
RT: 8.05 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:107 Resp: 3079
Ion Ratio Lower Upper
107 100
108 114.3 89.3 133.9
77 36.2 36.9 55.3#
79 39.5 37.6 56.4

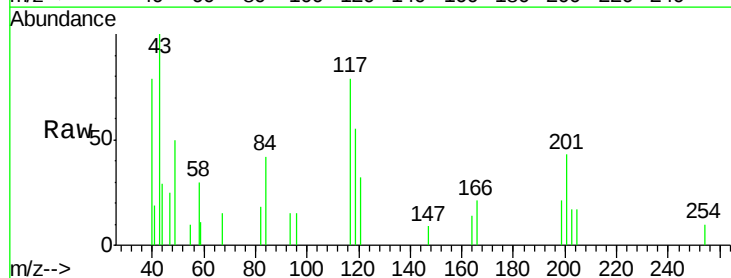


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

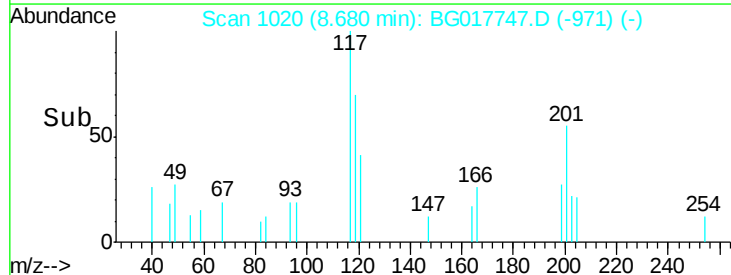
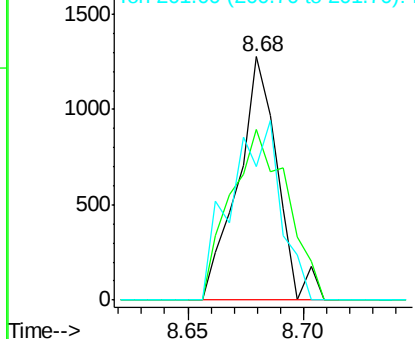


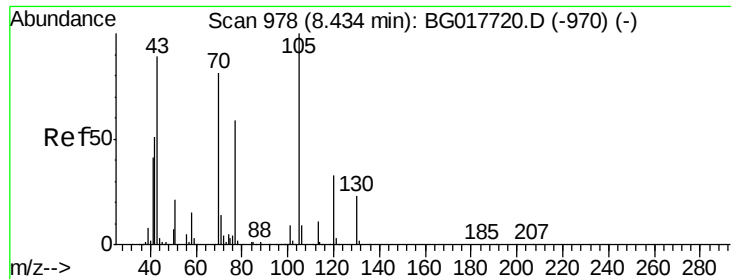
#18
Hexachloroethane
Concen: 0.65 ng
RT: 8.68 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:117 Resp: 1523
Ion Ratio Lower Upper
117 100
119 69.9 80.1 120.1#
201 55.1 71.9 107.9#



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

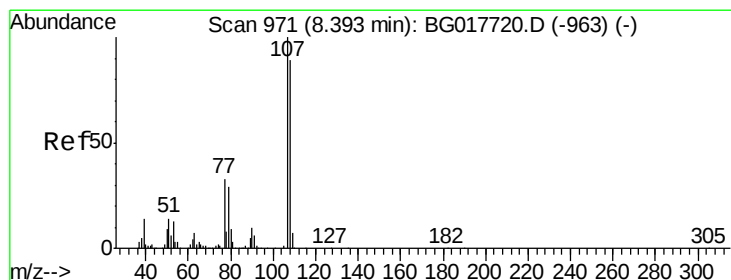
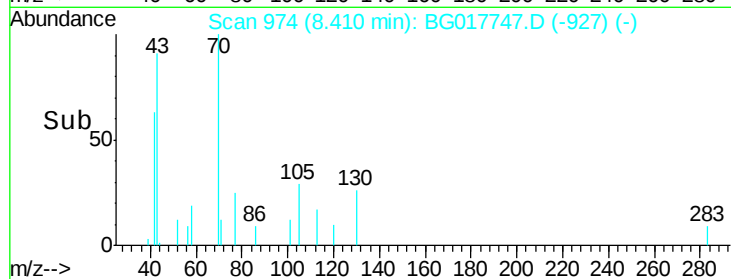
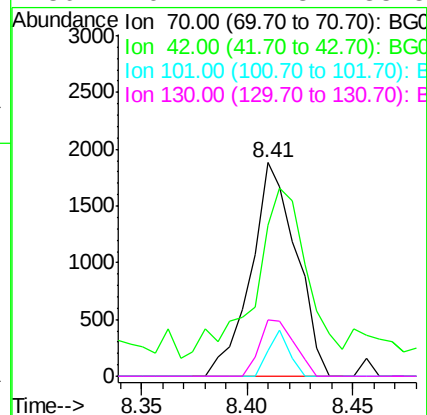
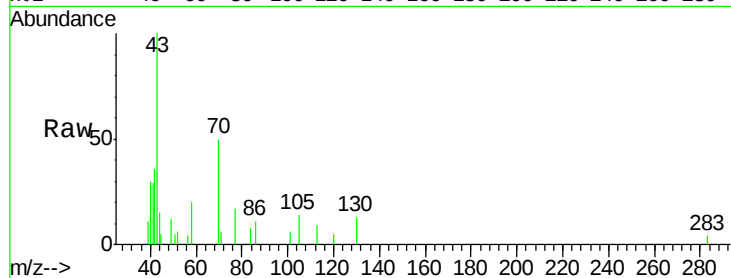




#19
n-Nitroso-di-n-propylamine
Concen: 0.56 ng
RT: 8.41 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

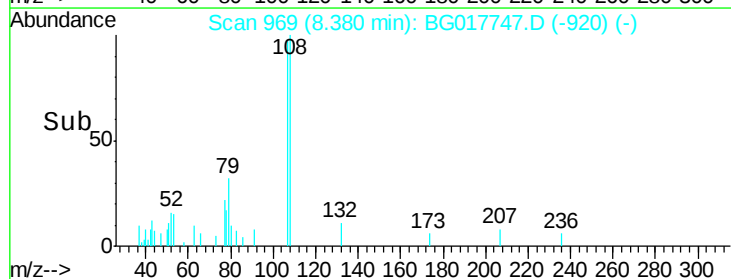
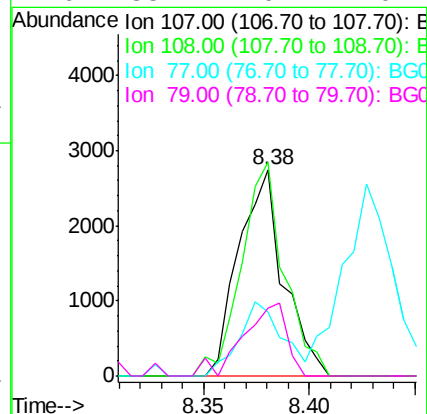
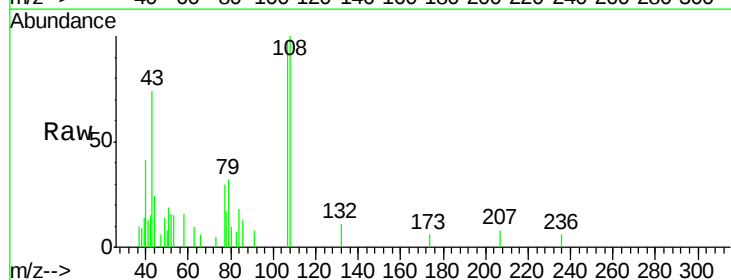
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

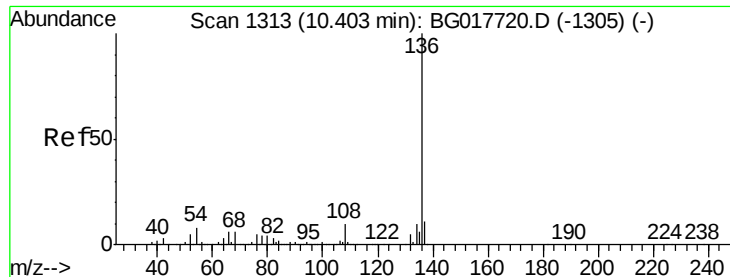
Tgt Ion: 70 Resp: 2807
Ion Ratio Lower Upper
70 100
42 71.0 50.8 76.2
101 12.2 8.7 13.1
130 26.1 22.3 33.5



#20
3+4-Methylphenols
Concen: 0.62 ng
RT: 8.38 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion: 107 Resp: 4033
Ion Ratio Lower Upper
107 100
108 103.3 69.6 109.6
77 31.1 13.0 53.0
79 33.1 9.7 49.7

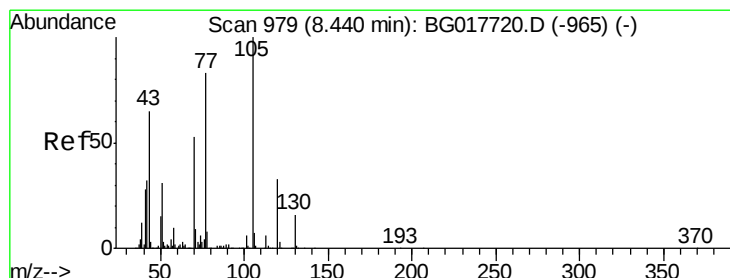
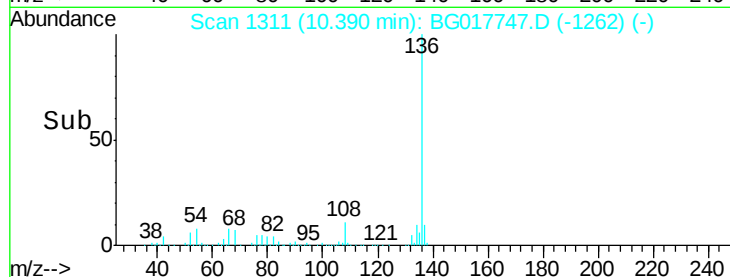
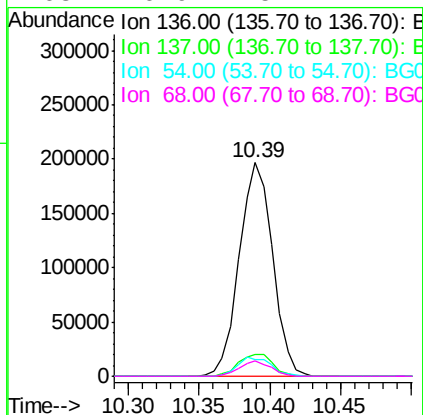
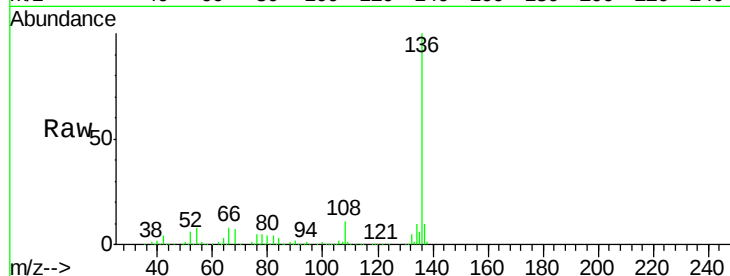




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

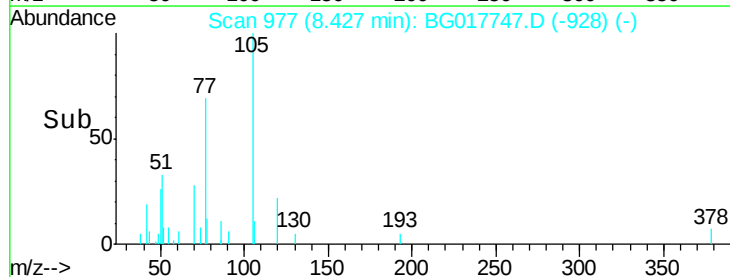
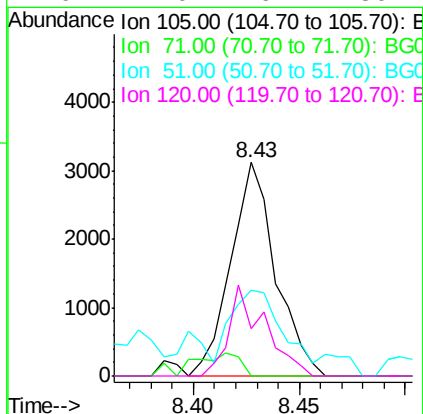
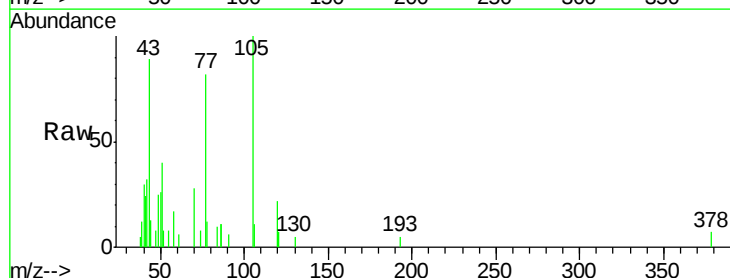
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

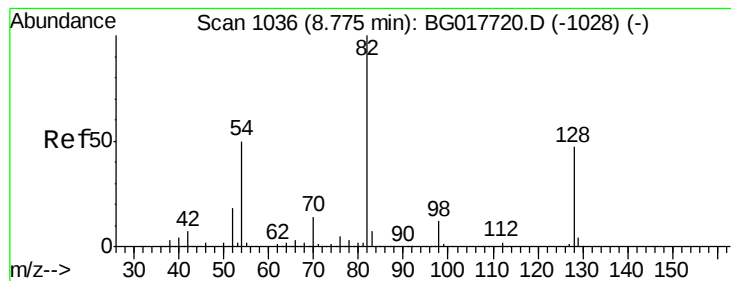
Tgt Ion:	136	Resp:	325202
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.1	6.6	9.8
68	6.9	5.1	7.7



#22
Acetophenone
Concen: 0.62 ng
RT: 8.43 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:	105	Resp:	4569
Ion	Ratio	Lower	Upper
105	100		
71	0.0	7.7	11.5#
51	40.3	24.9	37.3#
120	22.0	26.2	39.4#





#23

Nitrobenzene-d5

Concen: 74.76 ng

RT: 8.76 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

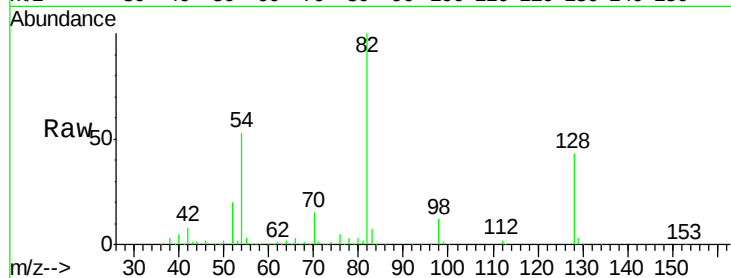
Tgt Ion: 82 Resp: 422652

Ion Ratio Lower Upper

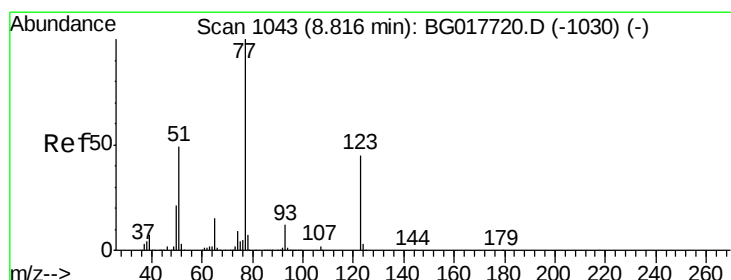
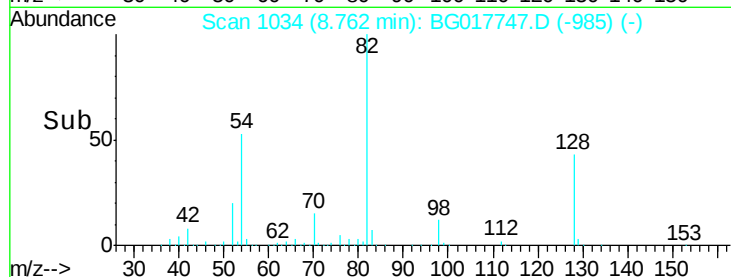
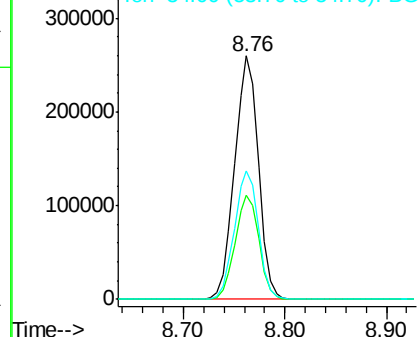
82 100

128 42.9 37.8 56.6

54 53.0 39.9 59.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 0.66 ng

RT: 8.80 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

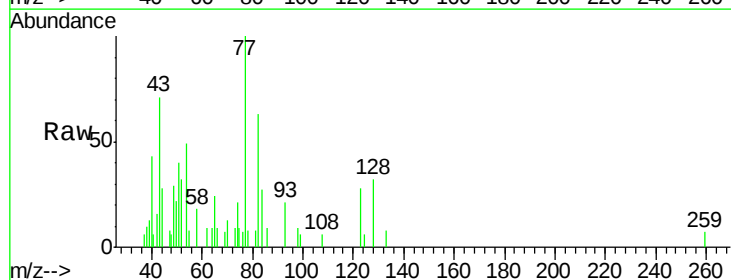
Tgt Ion: 77 Resp: 4035

Ion Ratio Lower Upper

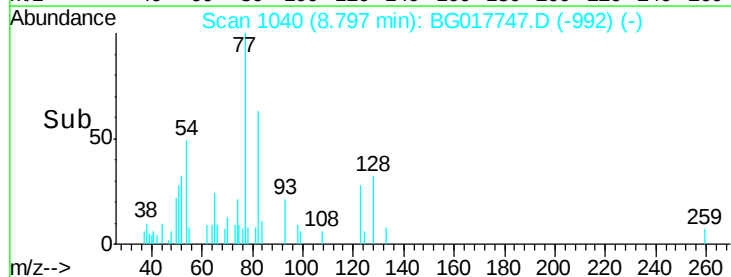
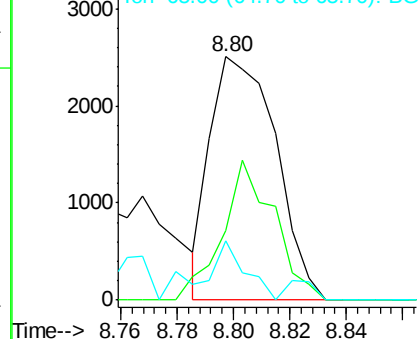
77 100

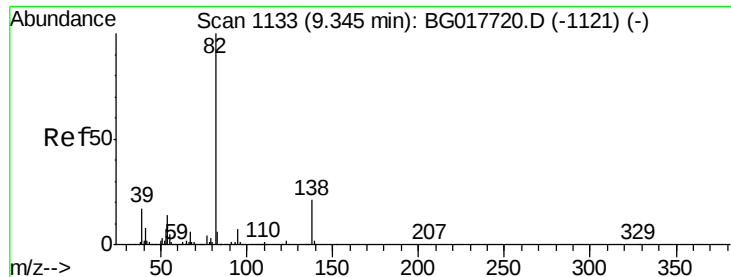
123 28.4 36.2 54.2#

65 24.4 11.7 17.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.61 ng

RT: 9.32 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

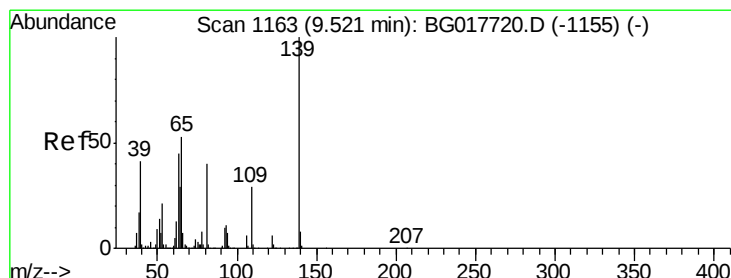
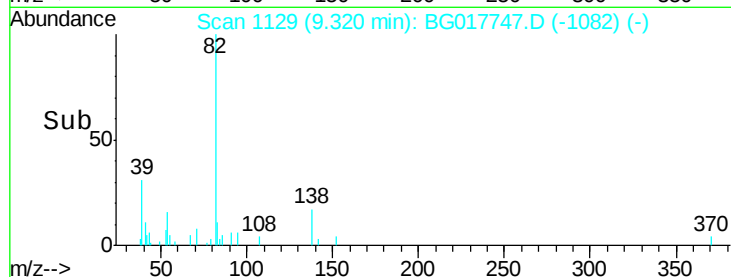
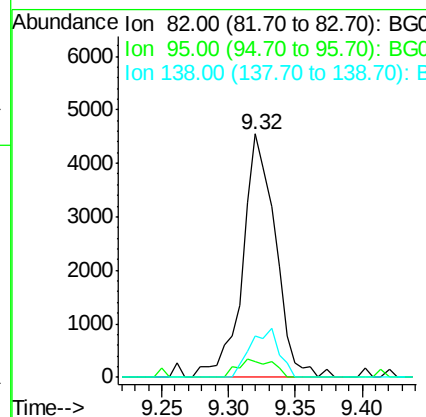
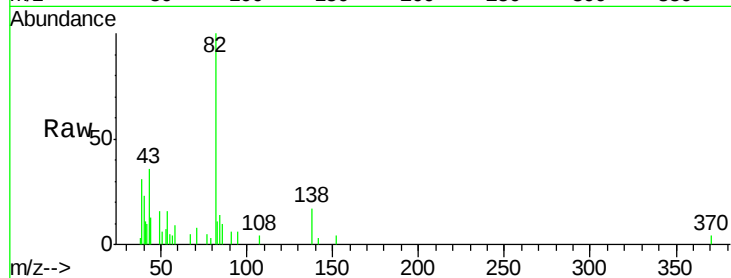
Tgt Ion: 82 Resp: 7731

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.8

138 17.0 17.0 25.6#



#26

2-Nitrophenol

Concen: 0.67 ng

RT: 9.51 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

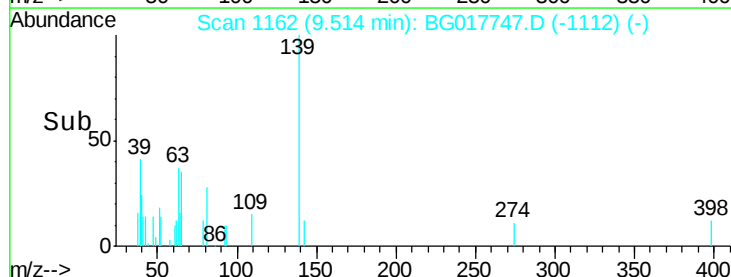
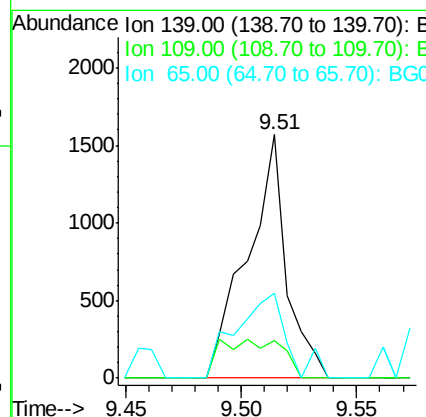
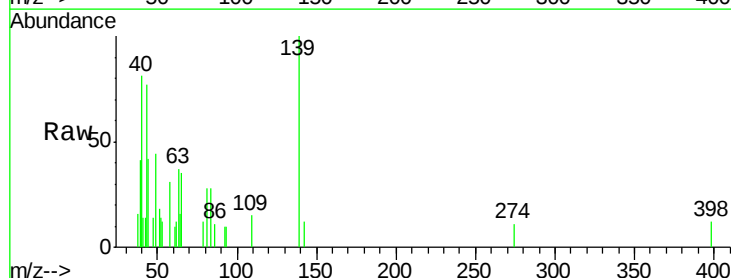
Tgt Ion: 139 Resp: 1851

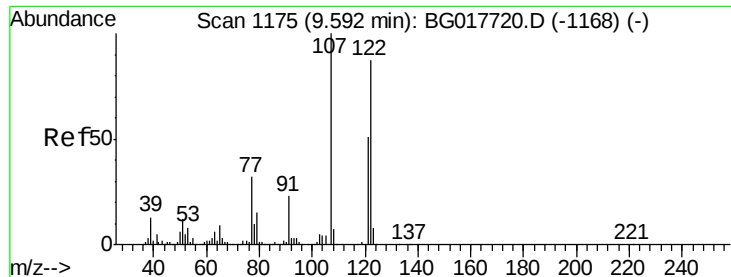
Ion Ratio Lower Upper

139 100

109 15.4 23.0 34.4#

65 34.6 42.0 63.0#

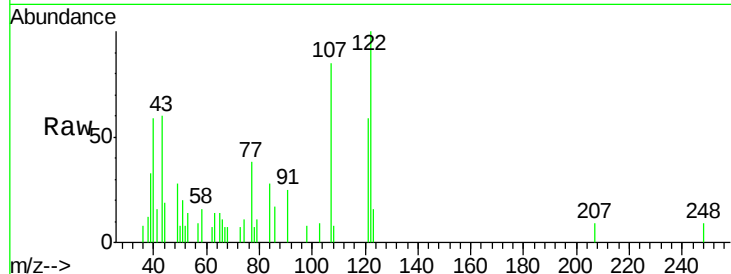




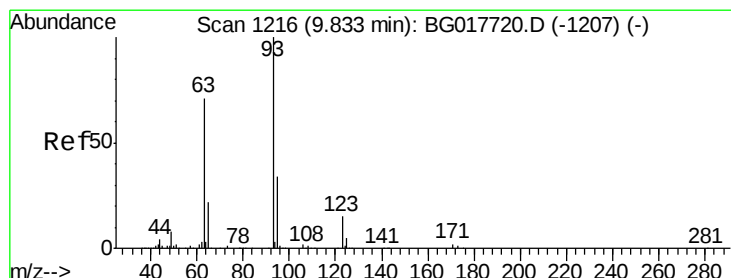
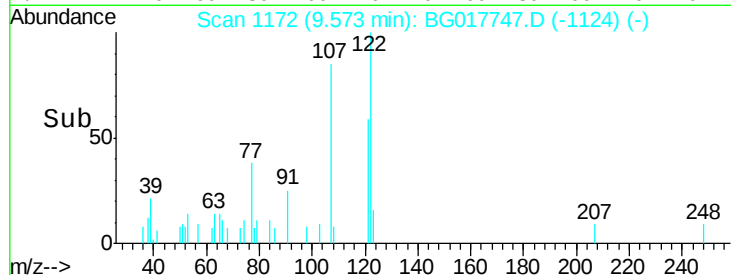
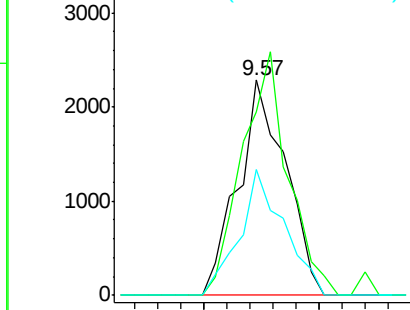
#27
 2,4-Dimethylphenol
 Concen: 0.62 ng
 RT: 9.57 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 122 Resp: 3280
 Ion Ratio Lower Upper
 122 100
 107 85.2 92.2 138.2#
 121 58.6 46.5 69.7

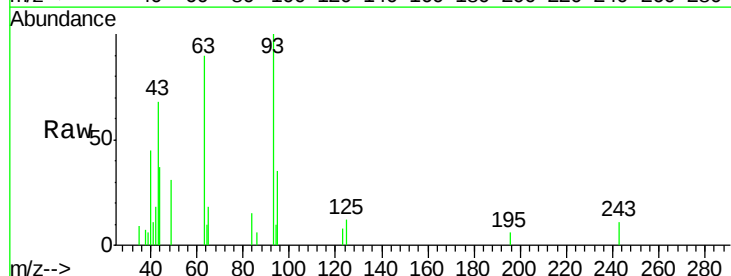


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

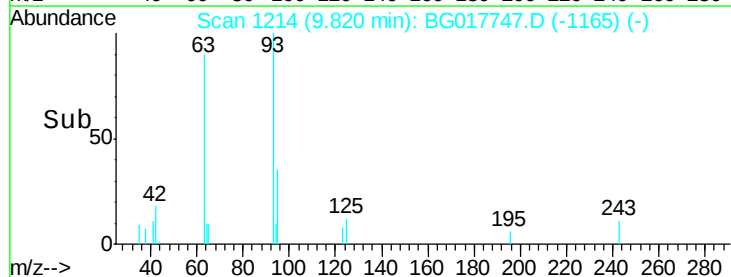
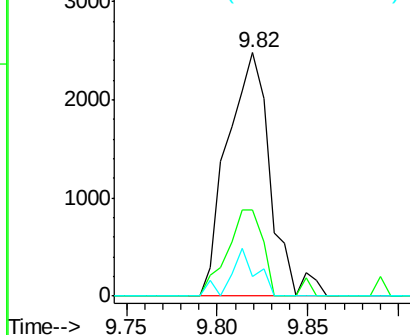


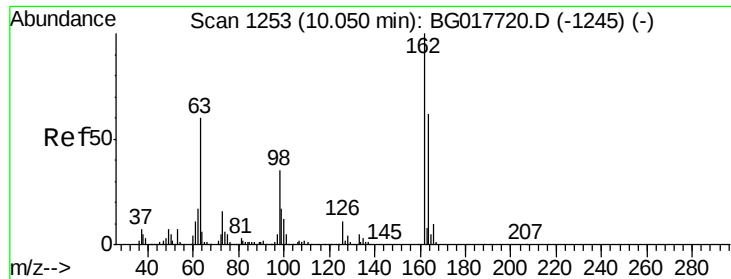
#28
 bis(2-Chloroethoxy)methane
 Concen: 0.64 ng
 RT: 9.82 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Tgt Ion: 93 Resp: 4073
 Ion Ratio Lower Upper
 93 100
 95 35.4 26.9 40.3
 123 8.2 12.0 18.0#



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

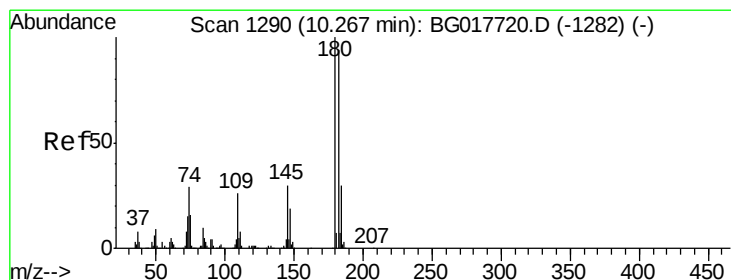
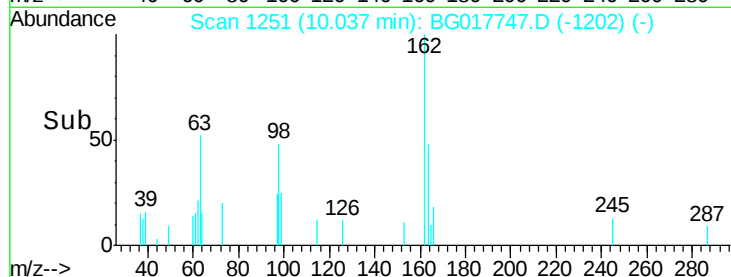
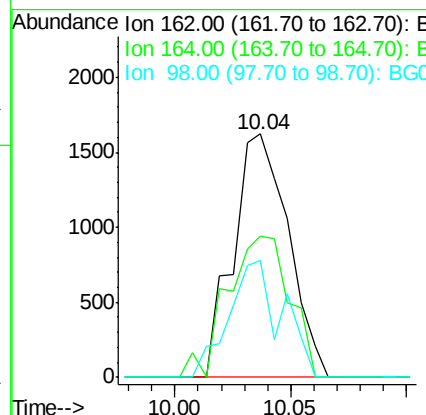
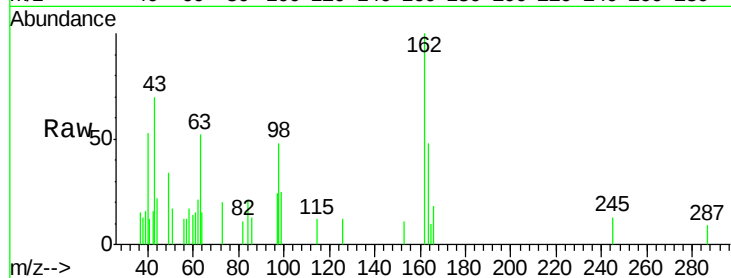




#29
 2,4-Dichlorophenol
 Concen: 0.58 ng
 RT: 10.04 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

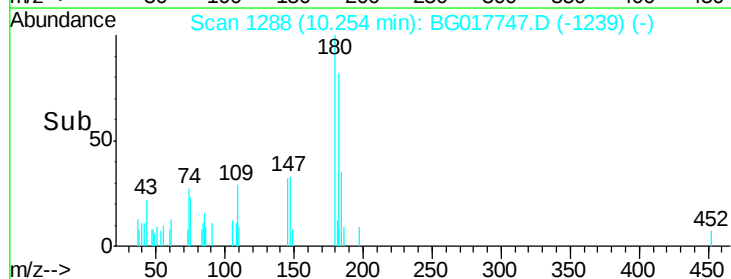
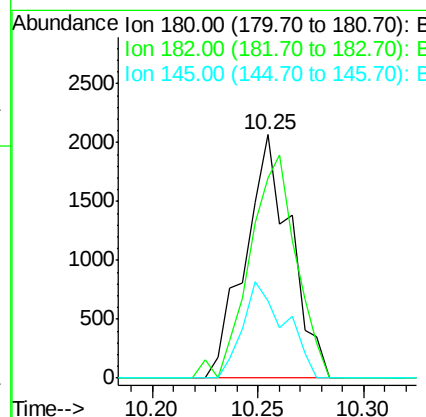
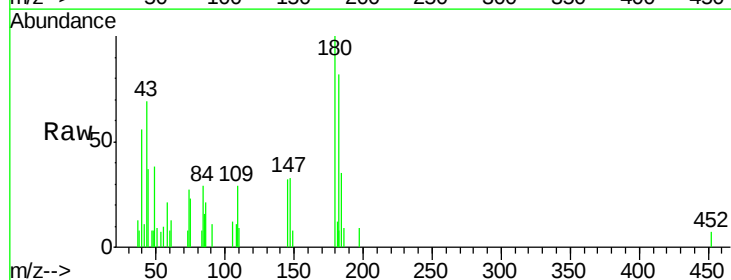
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

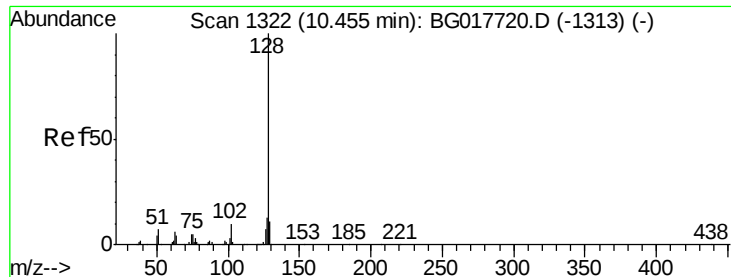
Tgt Ion:162 Resp: 2691
 Ion Ratio Lower Upper
 162 100
 164 57.8 42.5 82.5
 98 47.9 15.1 55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 0.59 ng
 RT: 10.25 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Tgt Ion:180 Resp: 3086
 Ion Ratio Lower Upper
 180 100
 182 82.4 75.2 112.8
 145 31.8 24.1 36.1

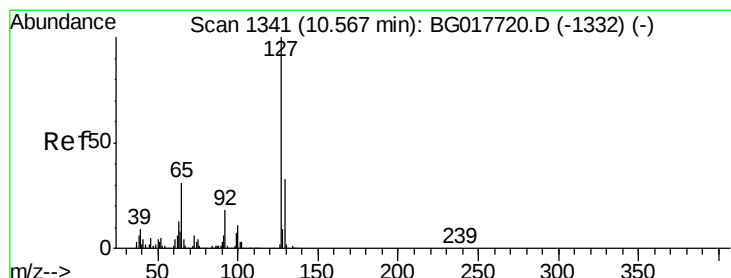
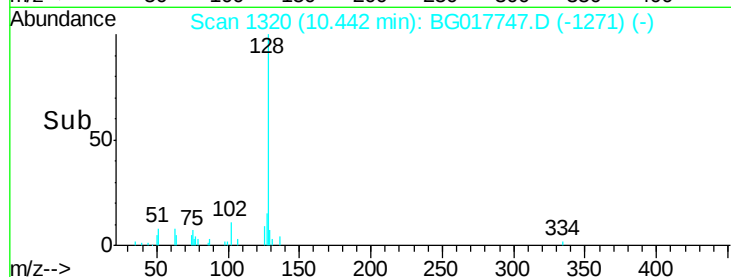
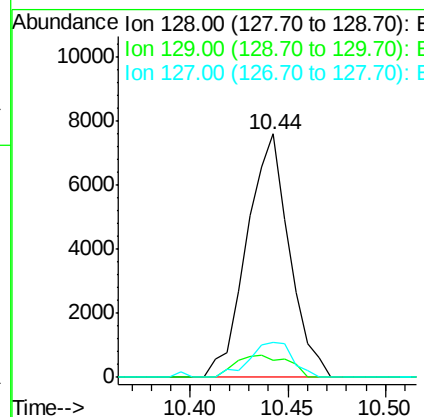
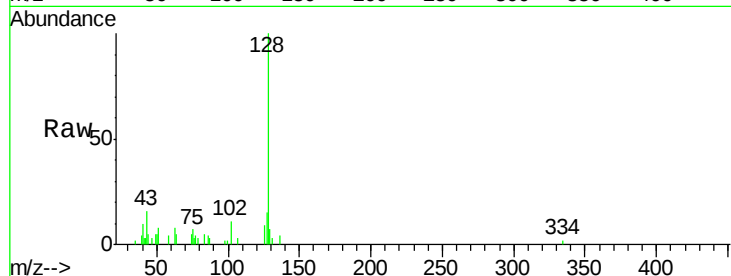




#31
Naphthalene
Concen: 0.65 ng
RT: 10.44 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

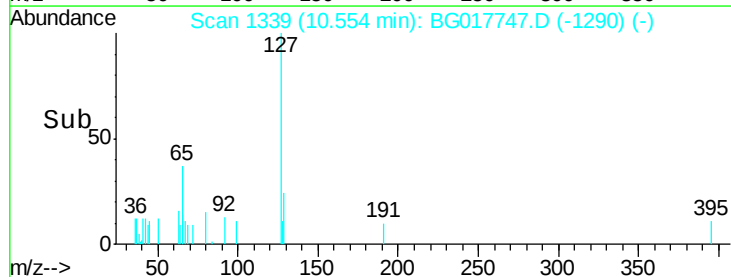
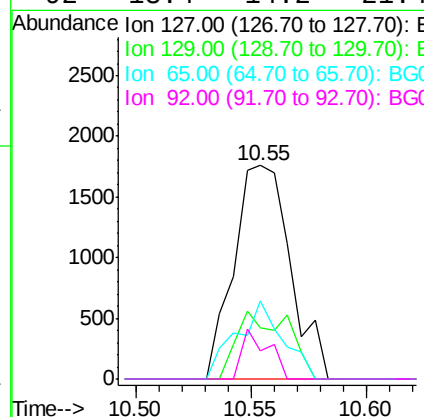
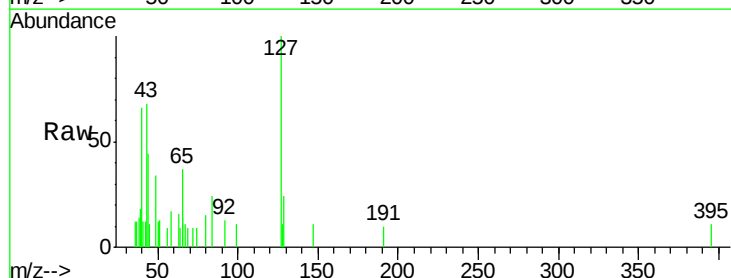
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

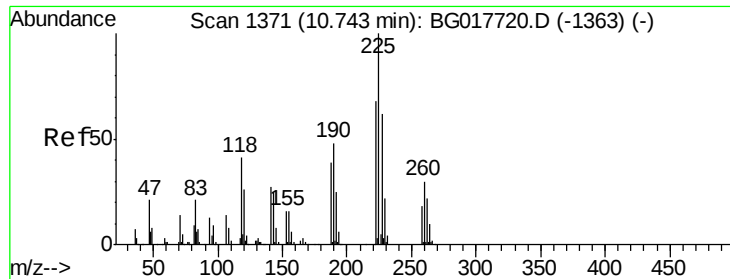
Tgt Ion:128 Resp: 11431
Ion Ratio Lower Upper
128 100
129 6.8 9.0 13.6#
127 14.5 10.7 16.1



#33
4-Chloroaniline
Concen: 0.39 ng
RT: 10.55 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:127 Resp: 2997
Ion Ratio Lower Upper
127 100
129 23.9 26.7 40.1#
65 50.9 24.6 37.0#
92 13.4 14.2 21.4#

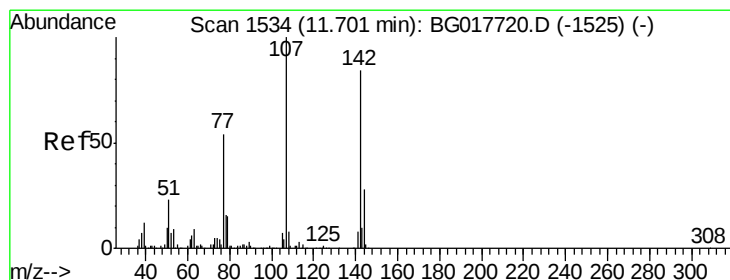
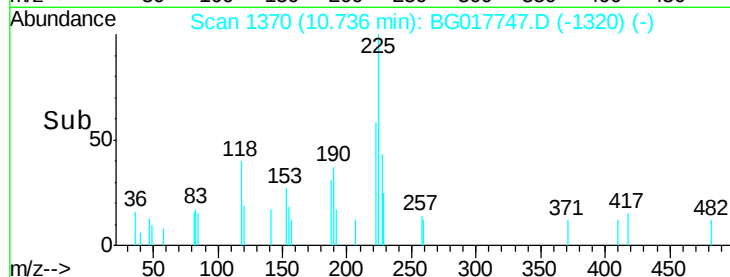
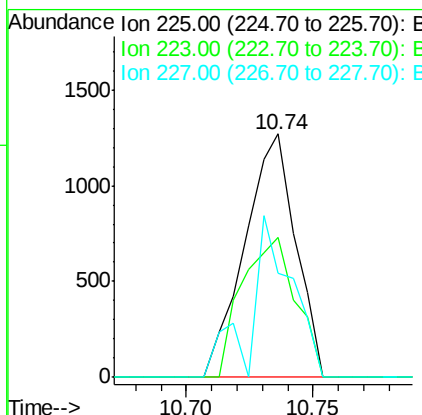
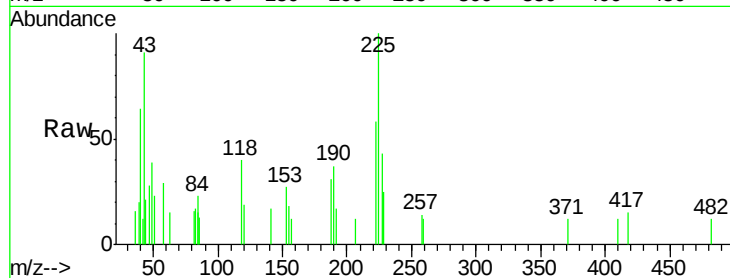




#34
Hexachlorobutadiene
Concen: 0.60 ng
RT: 10.74 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

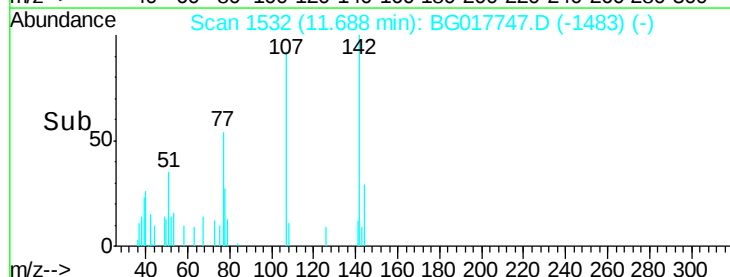
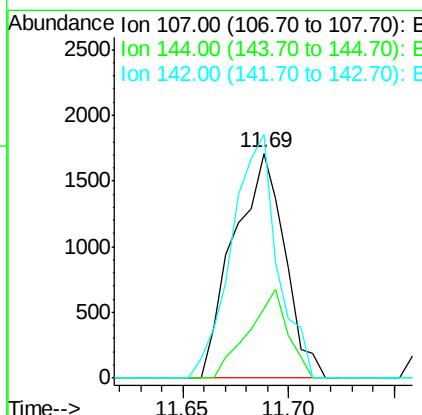
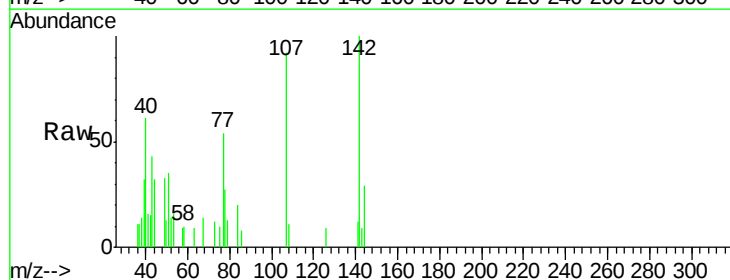
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

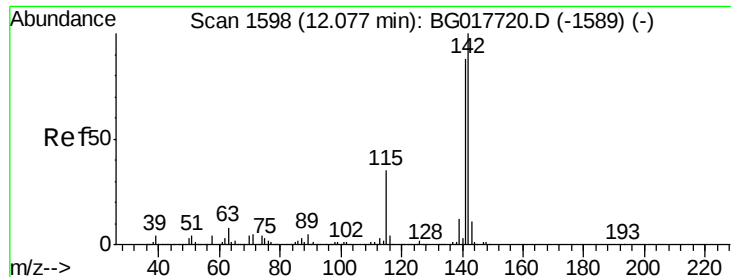
Tgt Ion:225 Resp: 1781
Ion Ratio Lower Upper
225 100
223 57.6 54.3 81.5
227 42.6 49.4 74.0#



#36
4-Chloro-3-methylphenol
Concen: 0.50 ng
RT: 11.69 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:107 Resp: 2864
Ion Ratio Lower Upper
107 100
144 31.1 22.2 33.4
142 108.5 67.1 100.7#

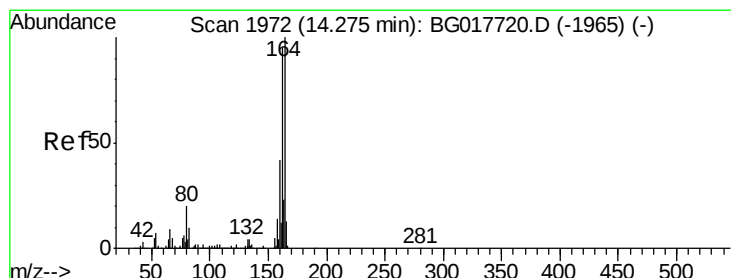
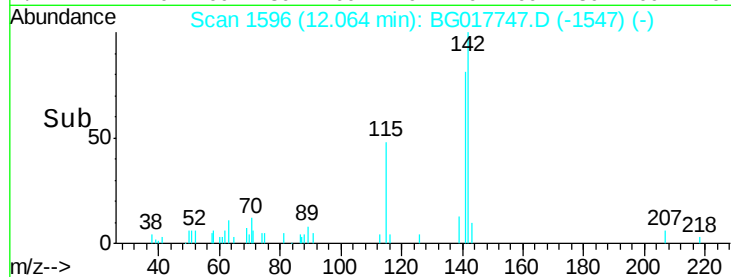
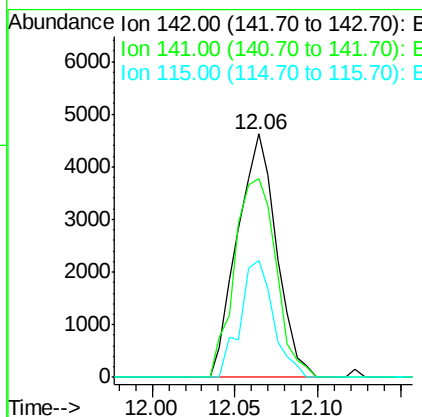
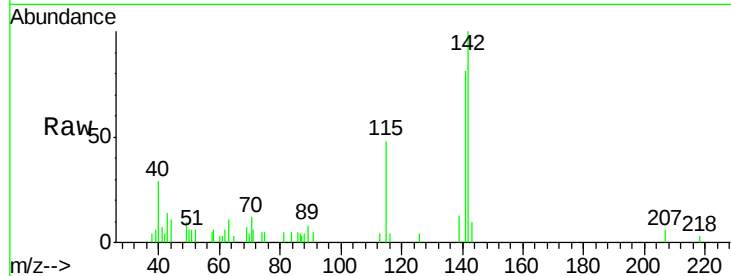




#37
 2-Methylnaphthalene
 Concen: 0.60 ng m
 RT: 12.06 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

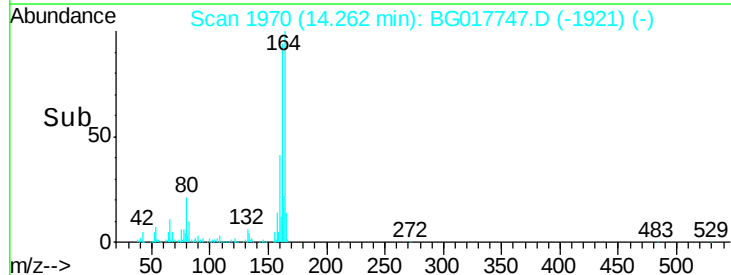
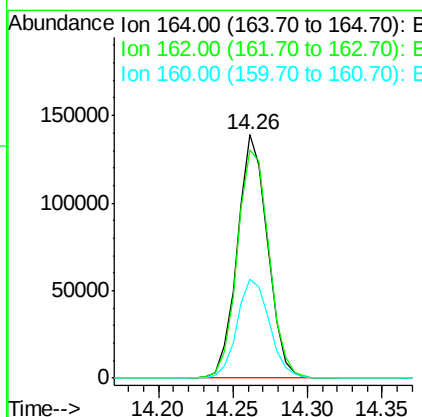
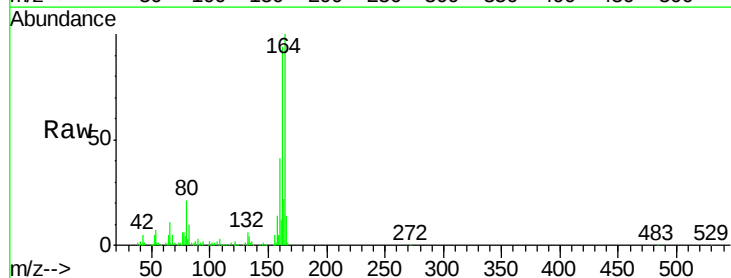
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

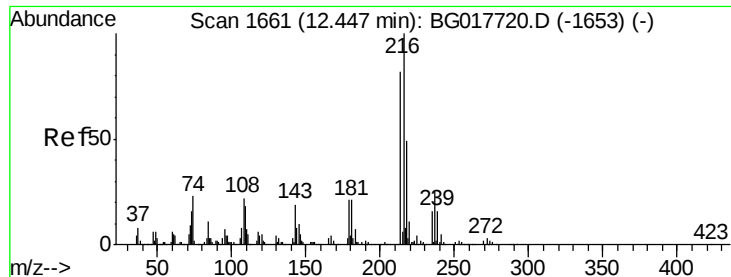
Tgt Ion:142 Resp: 7604
 Ion Ratio Lower Upper
 142 100
 141 81.5 70.7 106.1
 115 48.0 27.8 41.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.26 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Tgt Ion:164 Resp: 195018
 Ion Ratio Lower Upper
 164 100
 162 93.8 76.3 114.5
 160 40.5 33.7 50.5

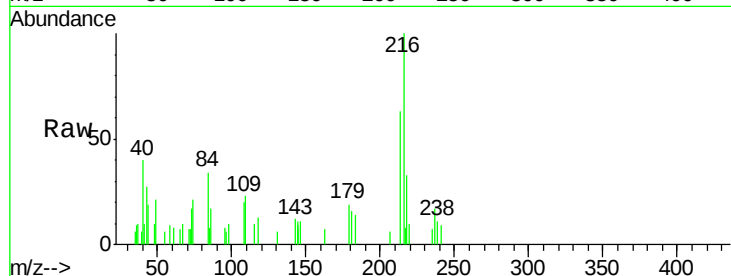




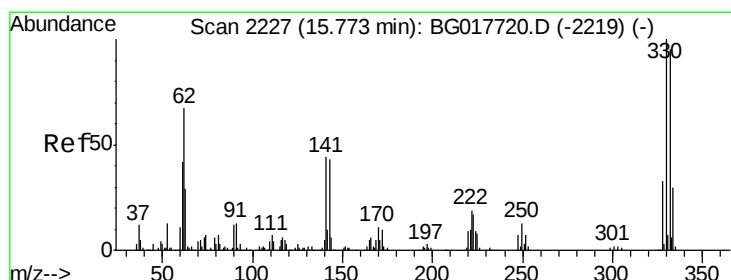
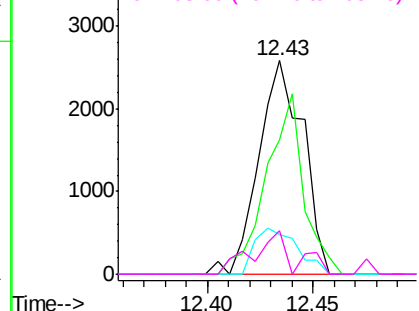
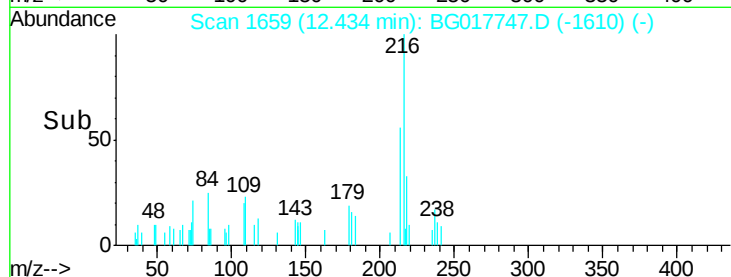
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.72 ng
 RT: 12.43 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 216 Resp: 3768
 Ion Ratio Lower Upper
 216 100
 214 71.0 64.5 96.7
 179 20.7 16.7 25.1
 108 19.1 18.6 27.8

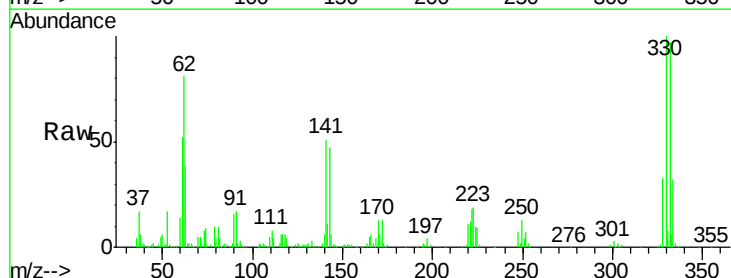


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

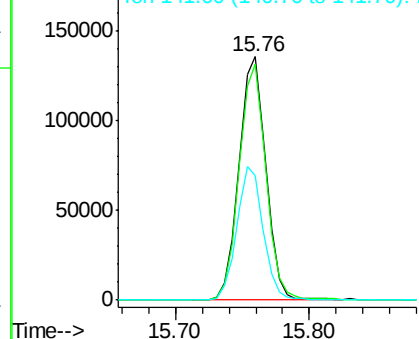
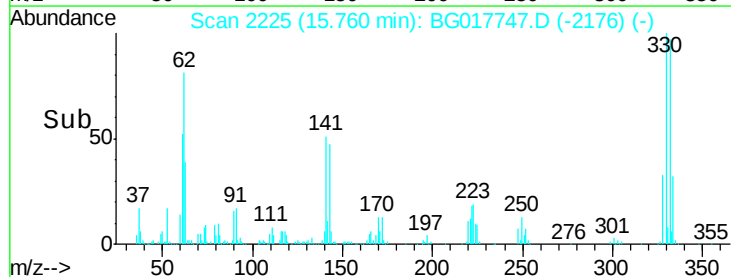


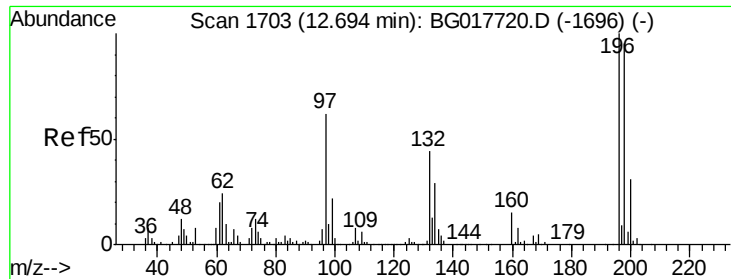
#41
 2,4,6-Tribromophenol
 Concen: 105.14 ng
 RT: 15.76 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Tgt Ion: 330 Resp: 190123
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 54.1 38.0 57.0



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

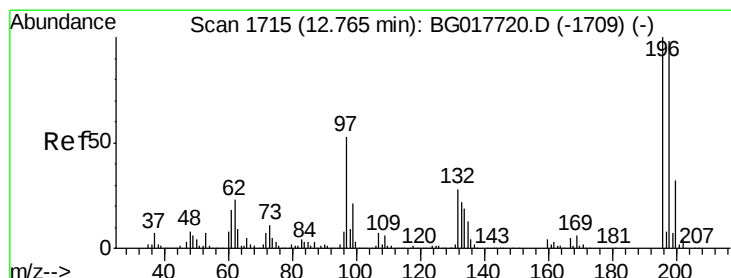
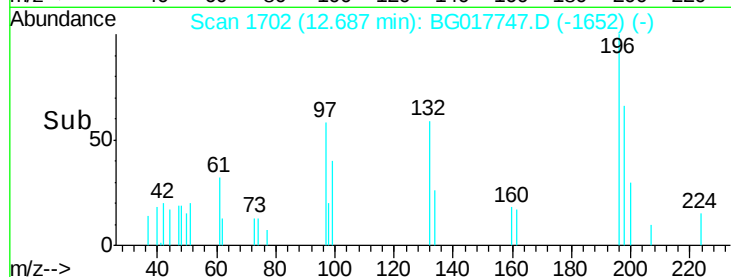
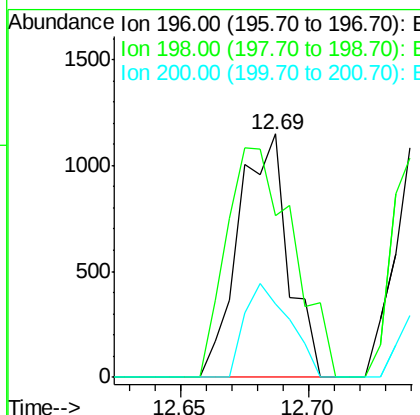
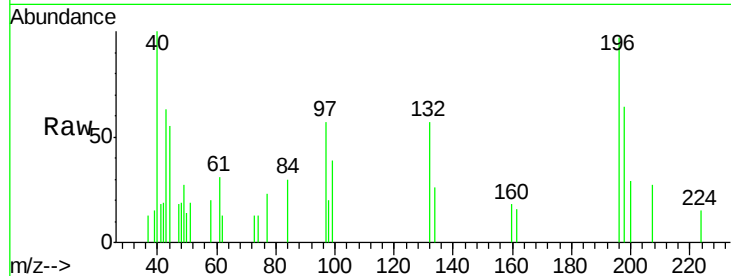




#42
 2,4,6-Trichlorophenol
 Concen: 0.44 ng m
 RT: 12.69 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

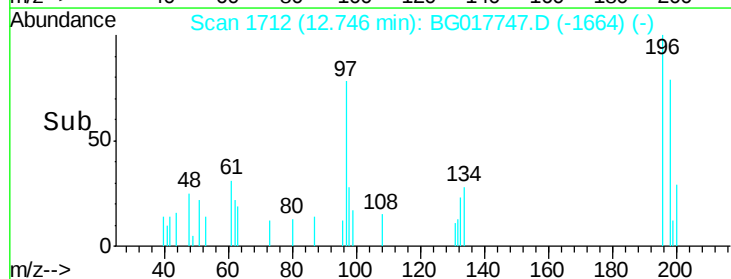
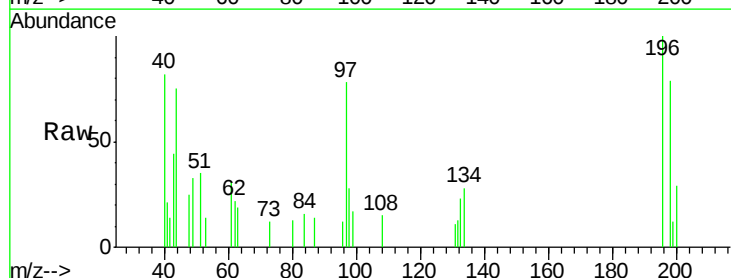
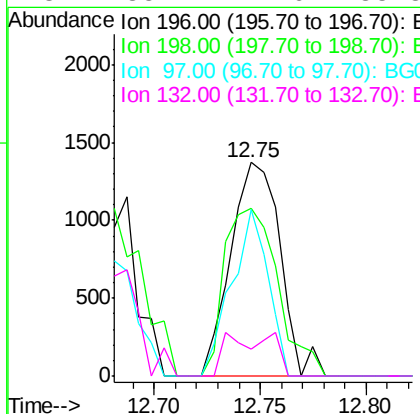
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

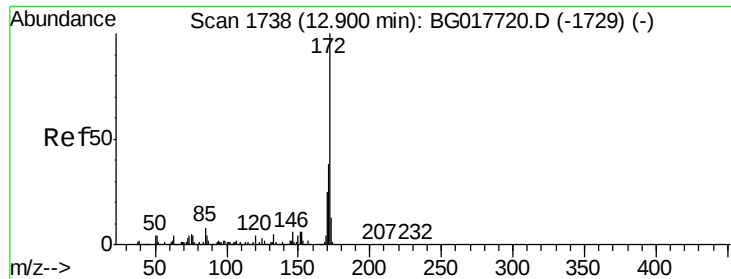
Tgt Ion:196 Resp: 1550
 Ion Ratio Lower Upper
 196 100
 198 66.3 76.2 114.4#
 200 30.1 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 0.58 ng
 RT: 12.75 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Tgt Ion:196 Resp: 2227
 Ion Ratio Lower Upper
 196 100
 198 78.6 78.1 117.1
 97 77.7 42.6 64.0#
 132 35.4 22.6 33.8#

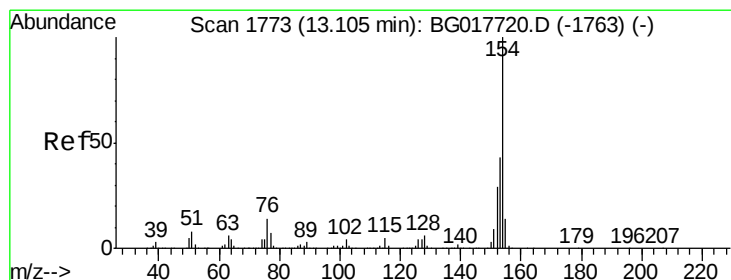
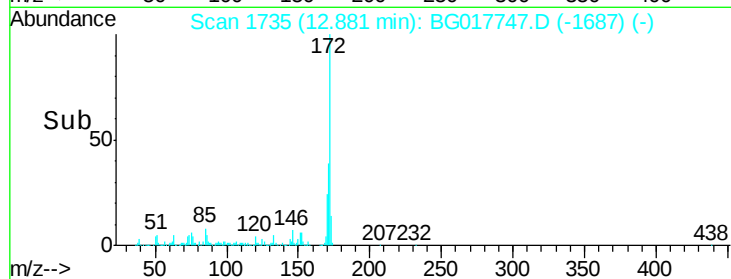
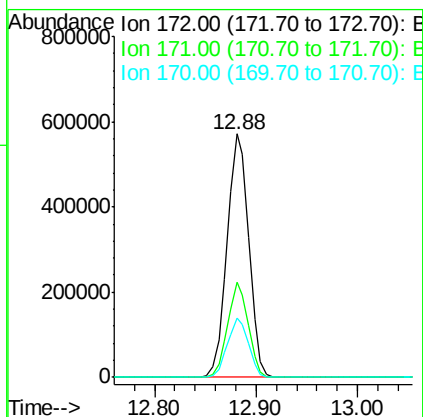
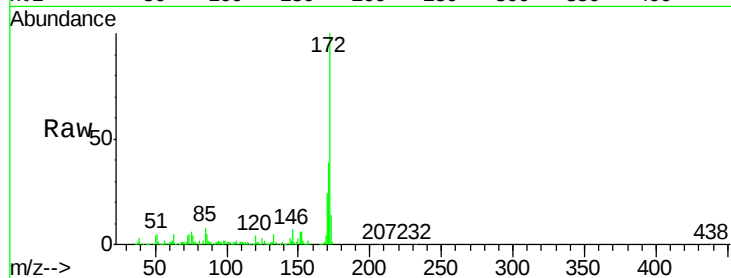




#44
 2-Fluorobiphenyl
 Concen: 70.38 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

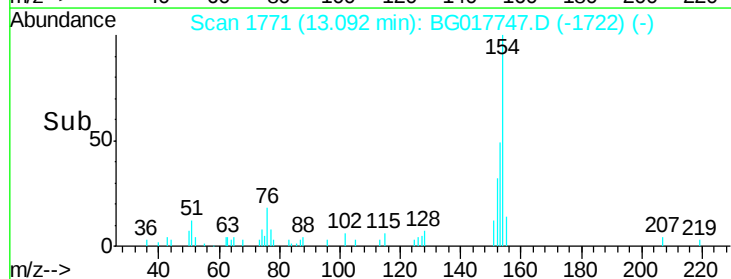
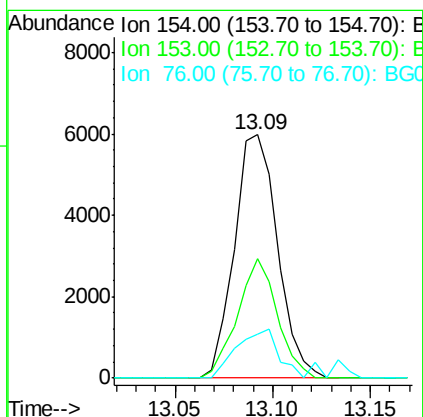
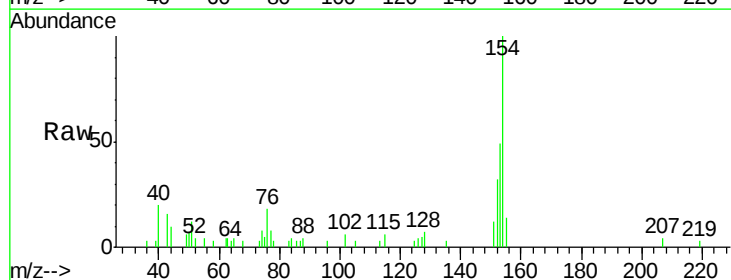
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

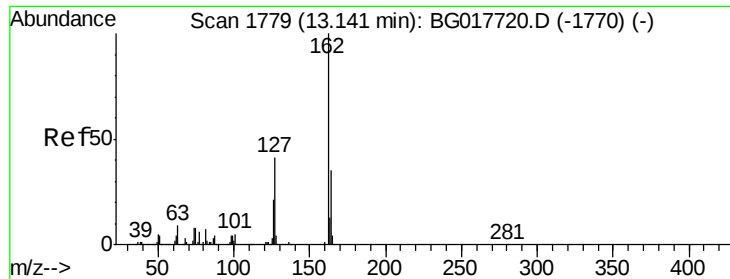
Tgt Ion:172 Resp: 845072
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.7 46.1
 170 24.2 19.7 29.5



#45
 1,1'-Biphenyl
 Concen: 0.64 ng
 RT: 13.09 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Tgt Ion:154 Resp: 9165
 Ion Ratio Lower Upper
 154 100
 153 49.2 23.5 63.5
 76 17.8 0.0 33.7

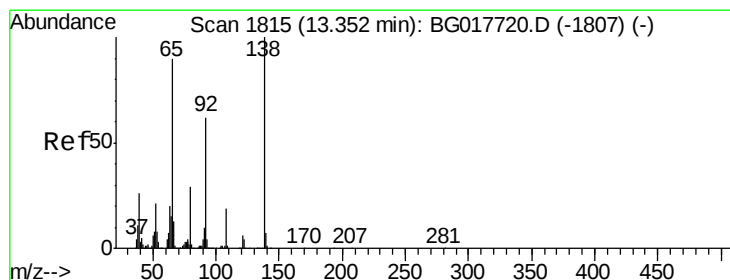
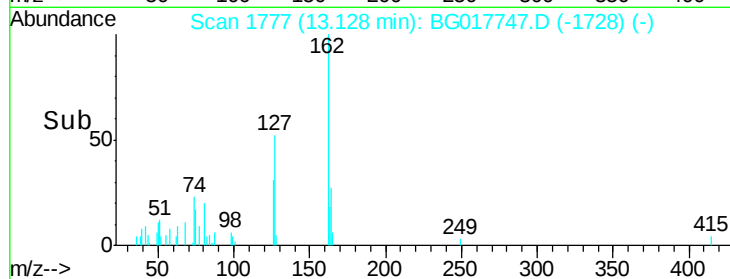
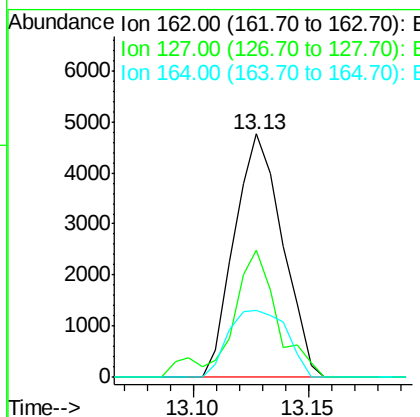
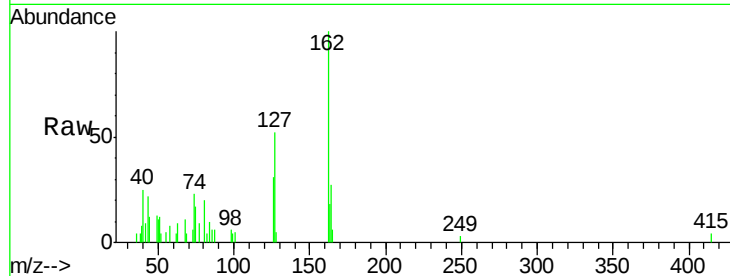




#46
2-Chloronaphthalene
Concen: 0.60 ng
RT: 13.13 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

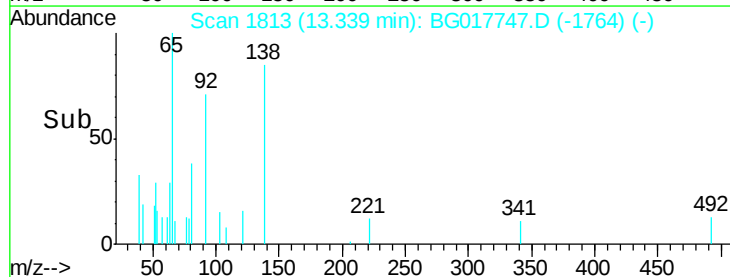
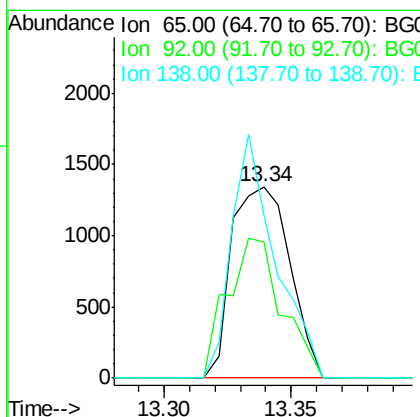
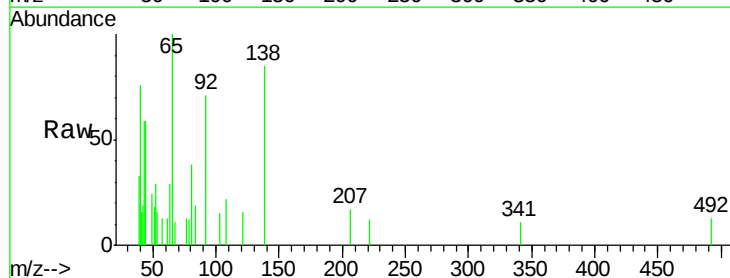
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

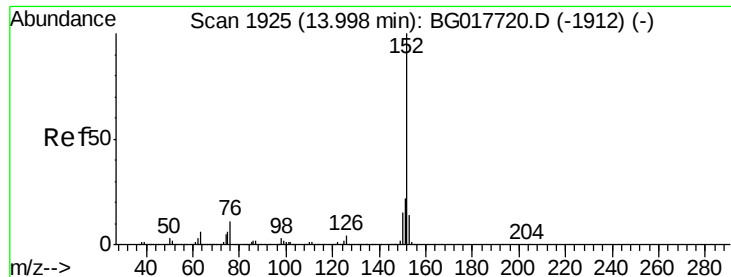
Tgt Ion: 162 Resp: 6902
Ion Ratio Lower Upper
162 100
127 52.3 33.2 49.8#
164 27.3 27.7 41.5#



#47
2-Nitroaniline
Concen: 0.62 ng
RT: 13.34 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion: 65 Resp: 2153
Ion Ratio Lower Upper
65 100
92 70.9 55.4 83.2
138 85.3 89.1 133.7#





#48

Acenaphthylene

Concen: 0.58 ng

RT: 13.98 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

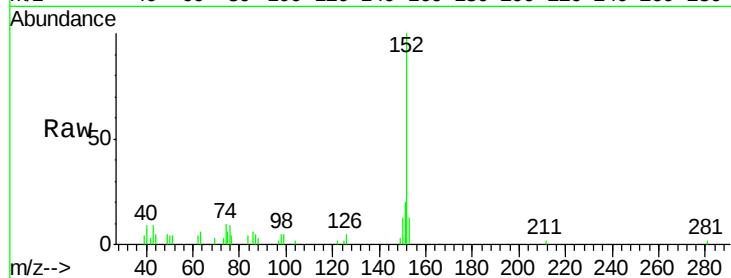
Tgt Ion:152 Resp: 11961

Ion Ratio Lower Upper

152 100

151 19.8 17.4 26.2

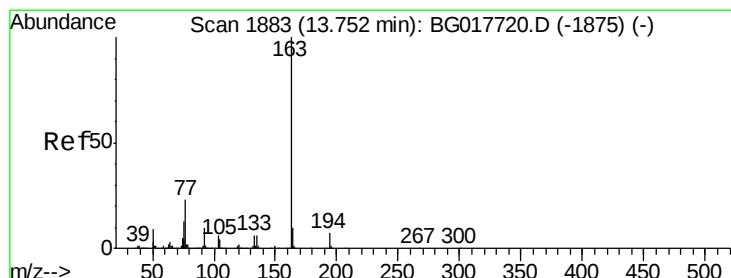
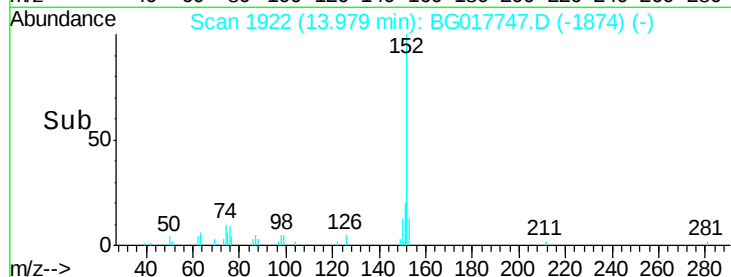
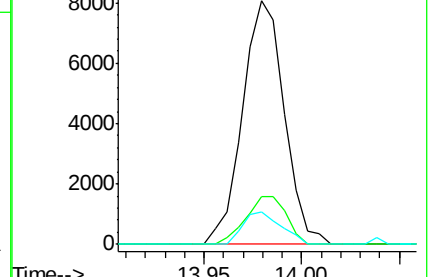
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.63 ng

RT: 13.73 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

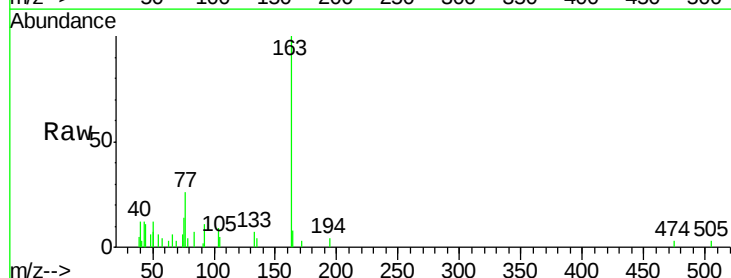
Tgt Ion:163 Resp: 9325

Ion Ratio Lower Upper

163 100

194 4.3 5.8 8.6#

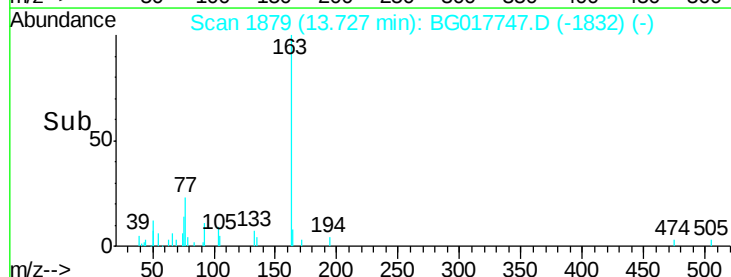
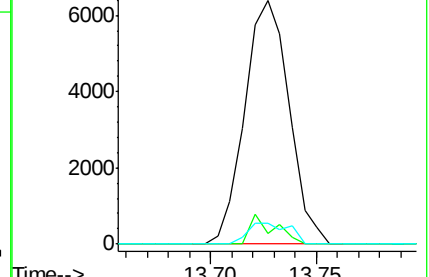
164 8.4 8.3 12.5

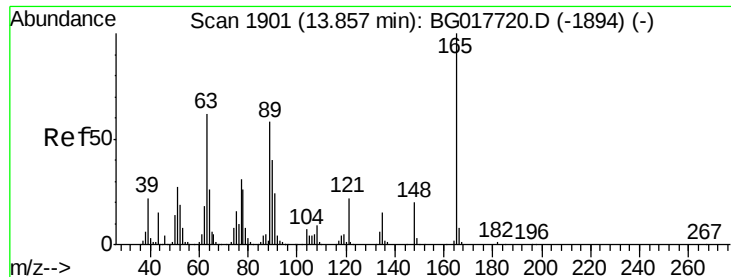


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

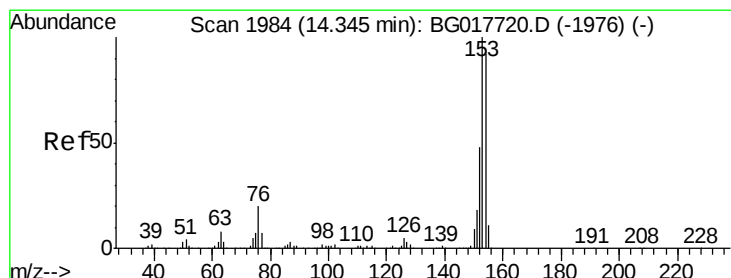
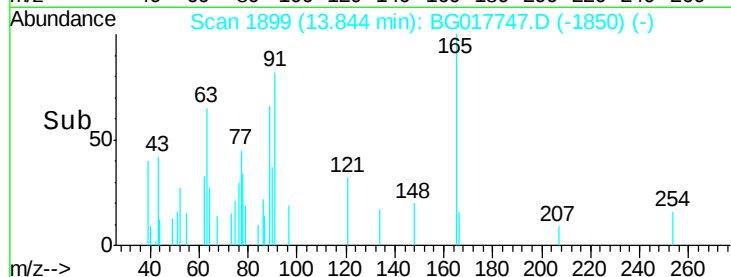
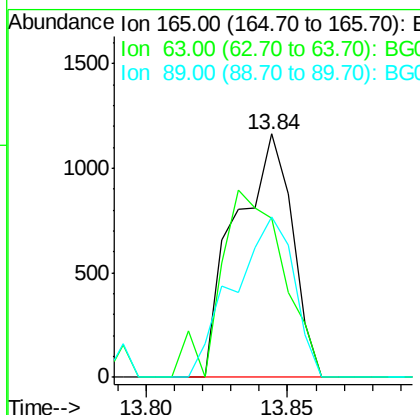
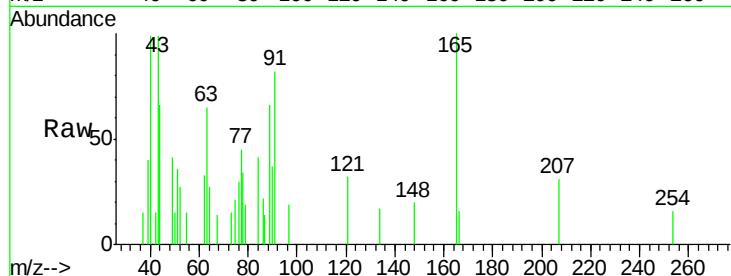




#50
2,6-Dinitrotoluene
Concen: 0.52 ng
RT: 13.84 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

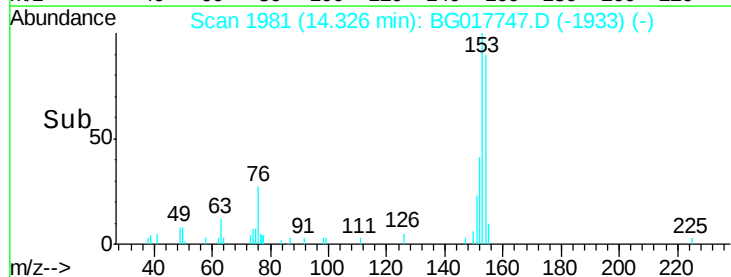
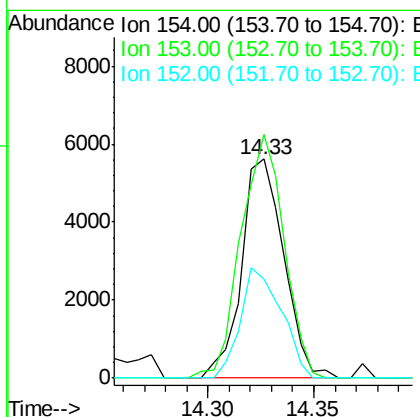
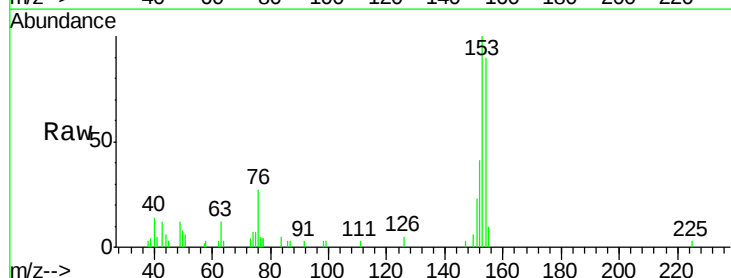
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

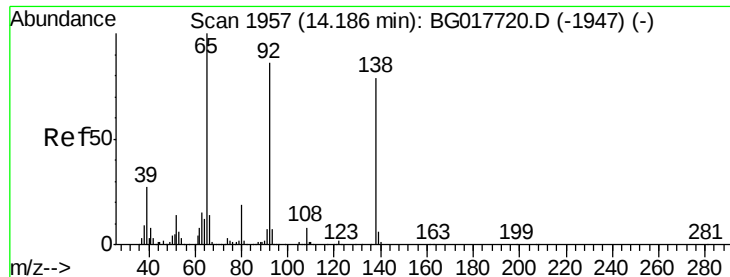
Tgt Ion:165 Resp: 1611
Ion Ratio Lower Upper
165 100
63 65.5 50.2 75.2
89 65.8 46.6 69.8



#51
Acenaphthene
Concen: 0.62 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:154 Resp: 7809
Ion Ratio Lower Upper
154 100
153 111.3 87.0 130.4
152 45.5 41.4 62.0

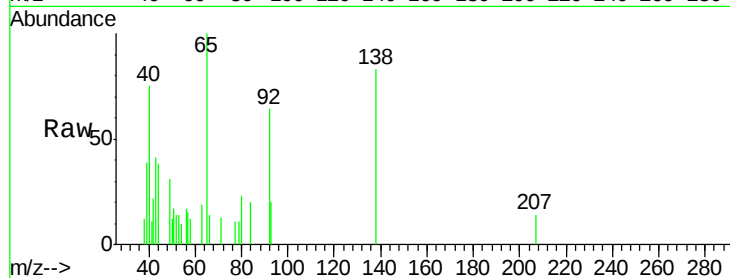




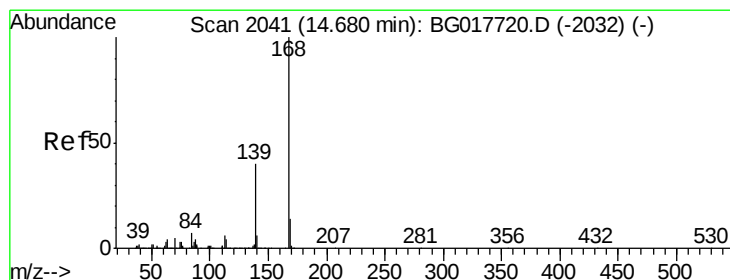
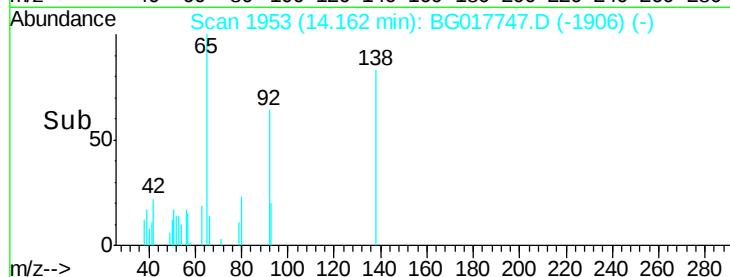
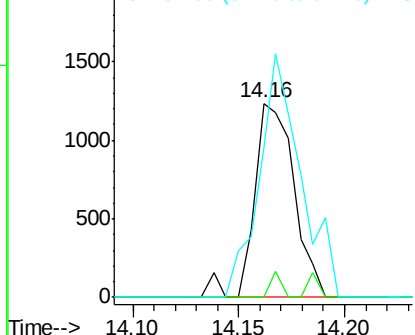
#52
3-Nitroaniline
Concen: 0.45 ng
RT: 14.16 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:138 Resp: 1620
Ion Ratio Lower Upper
138 100
108 0.0 8.2 12.4#
92 77.3 87.4 131.0#

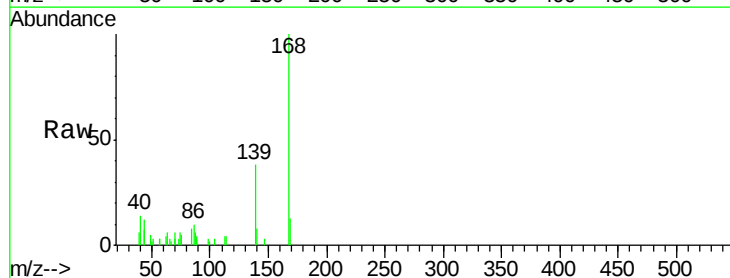


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

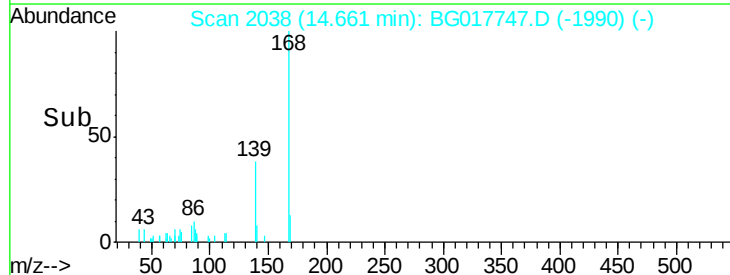
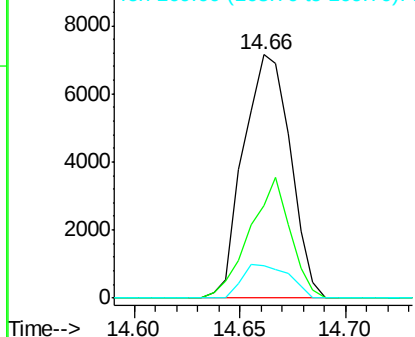


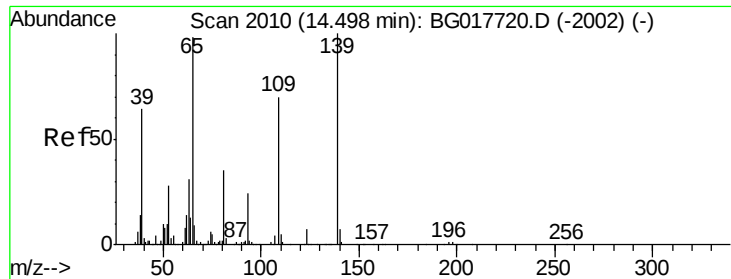
#54
Dibenzofuran
Concen: 0.63 ng
RT: 14.66 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:168 Resp: 11041
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.2
169 13.2 11.3 16.9



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

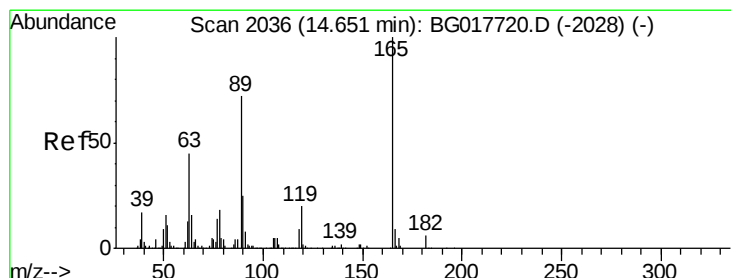
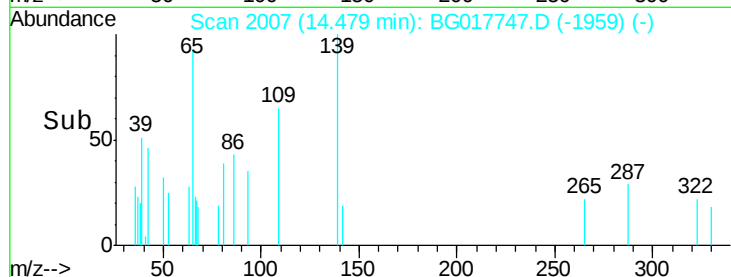
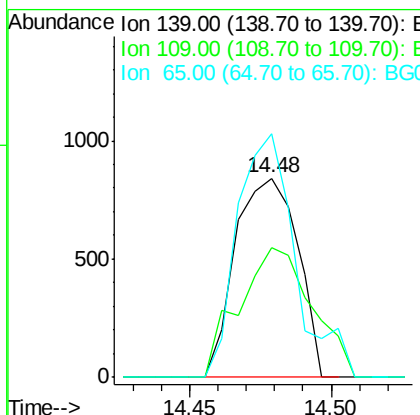
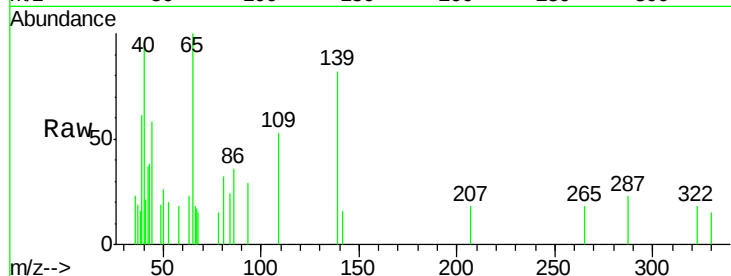




#55
4-Nitrophenol
Concen: 0.45 ng
RT: 14.48 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

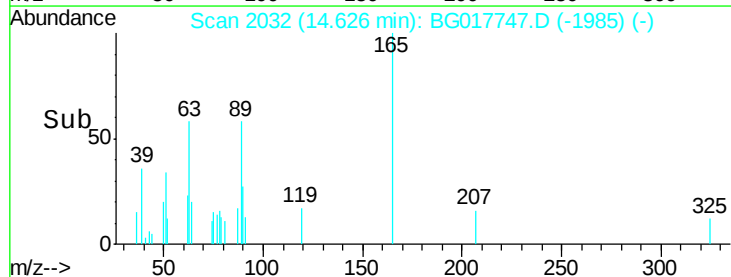
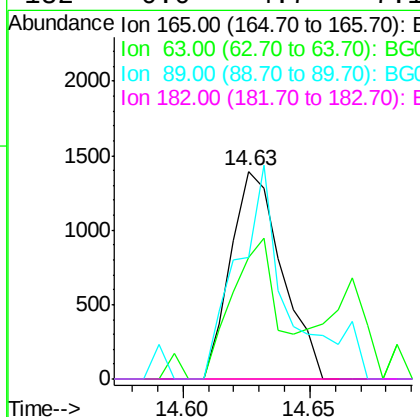
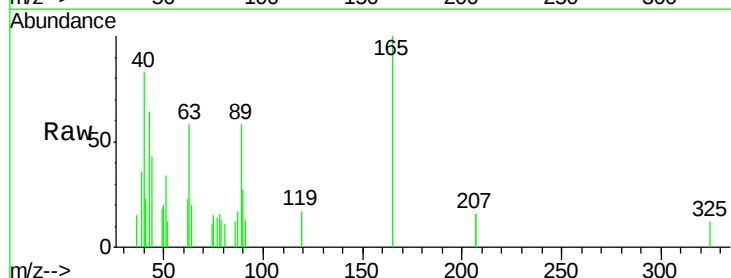
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

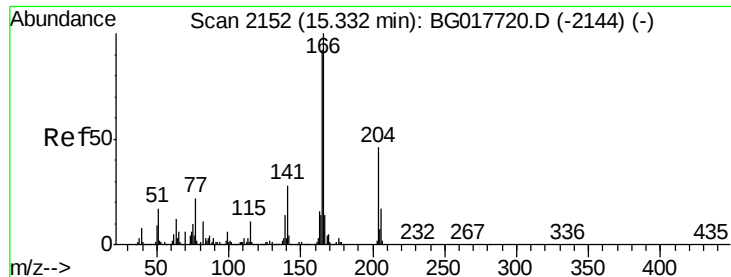
Tgt Ion:139 Resp: 1287
Ion Ratio Lower Upper
139 100
109 65.2 50.3 90.3
65 122.2 78.8 118.8#



#56
2,4-Dinitrotoluene
Concen: 3.35 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:165 Resp: 1962
Ion Ratio Lower Upper
165 100
63 58.5 36.2 54.4#
89 58.4 57.9 86.9
182 0.0 4.7 7.1#





#57

Fluorene

Concen: 0.62 ng

RT: 15.31 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

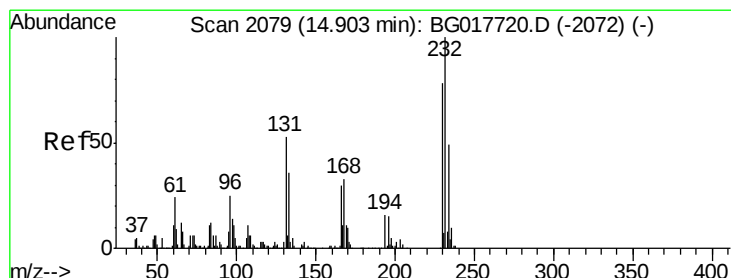
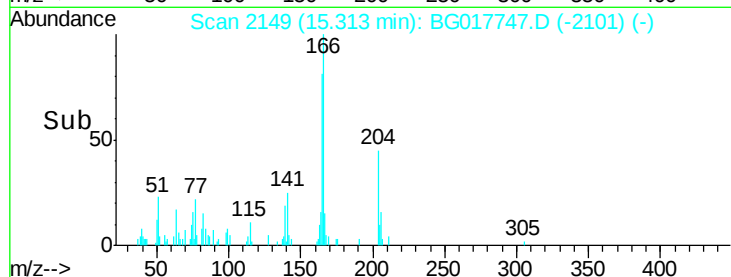
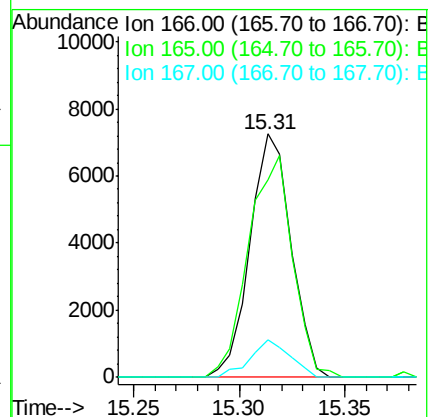
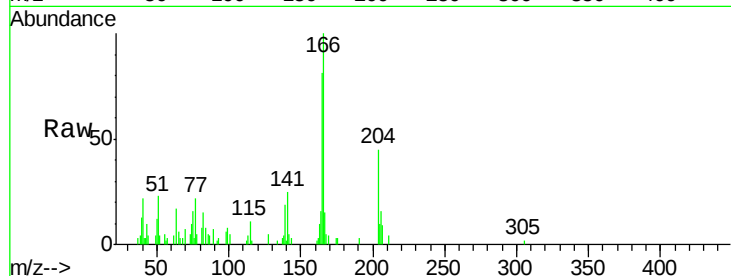
Tgt Ion:166 Resp: 9795

Ion Ratio Lower Upper

166 100

165 81.3 73.4 110.0

167 15.4 11.0 16.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.46 ng

RT: 14.90 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Tgt Ion:232 Resp: 1489

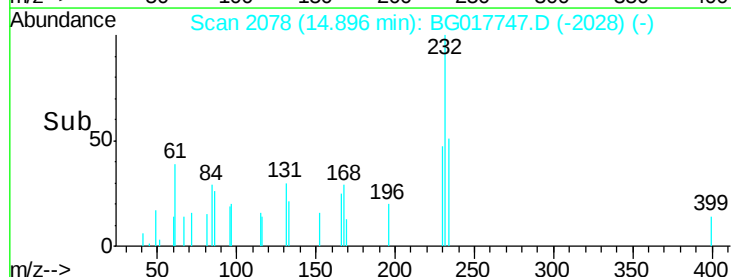
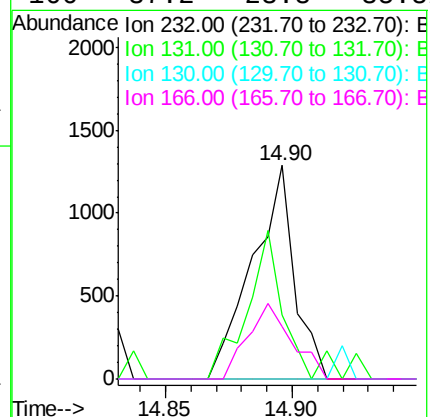
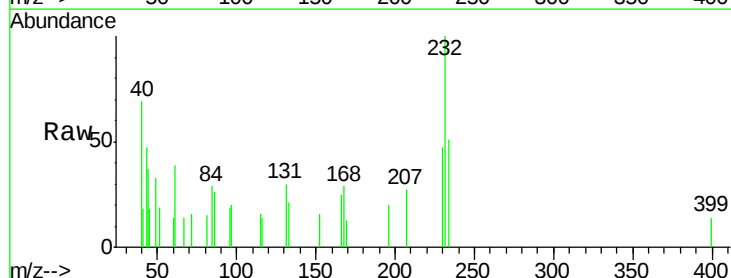
Ion Ratio Lower Upper

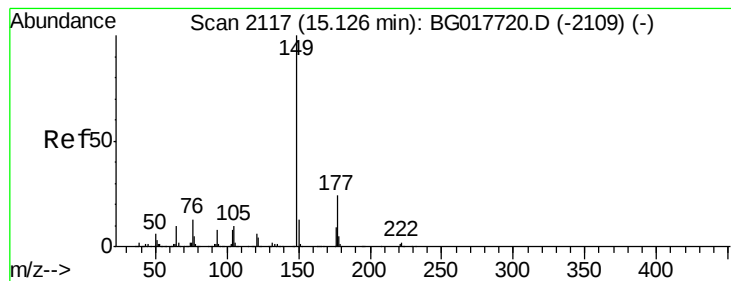
232 100

131 57.4 40.8 61.2

130 0.0 2.4 3.6#

166 37.2 23.8 35.8#





#59

Diethylphthalate

Concen: 0.61 ng

RT: 15.10 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

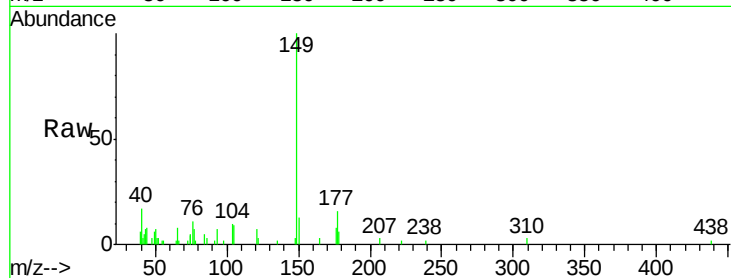
Tgt Ion:149 Resp: 9938

Ion Ratio Lower Upper

149 100

177 16.1 19.1 28.7#

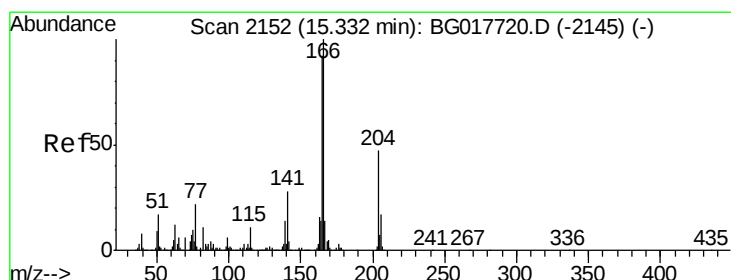
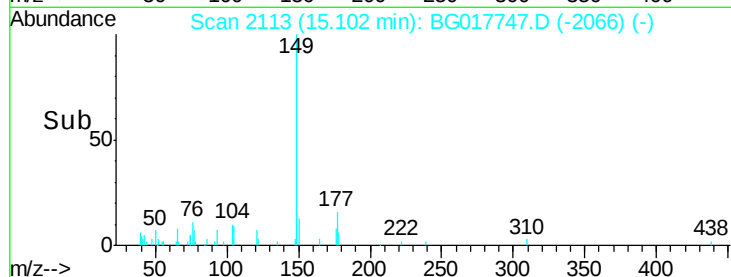
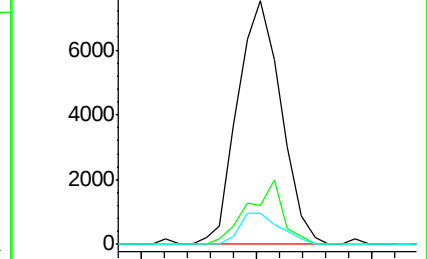
150 13.0 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 0.62 ng

RT: 15.32 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

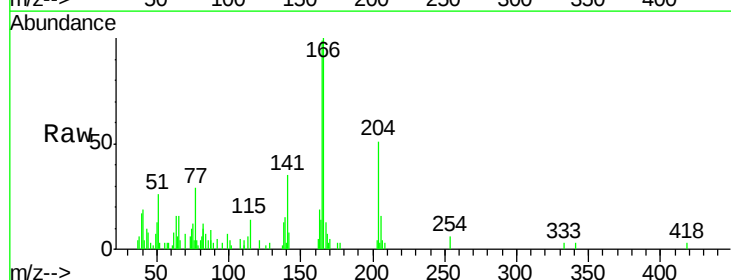
Tgt Ion:204 Resp: 4558

Ion Ratio Lower Upper

204 100

206 31.3 28.6 42.8

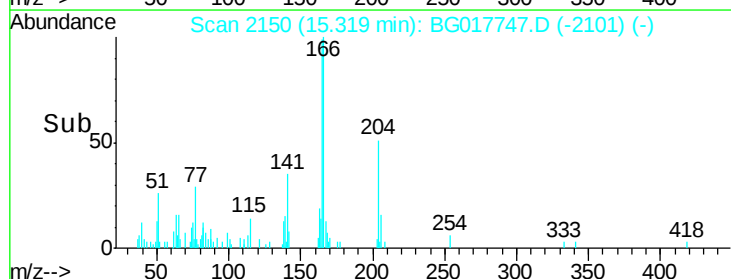
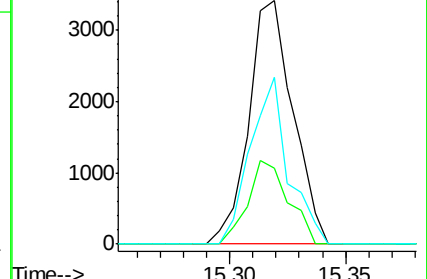
141 68.6 49.0 73.4

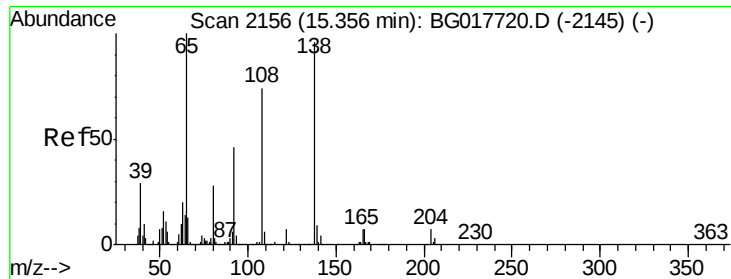


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

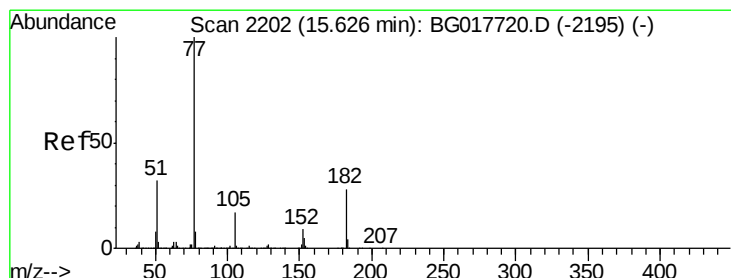
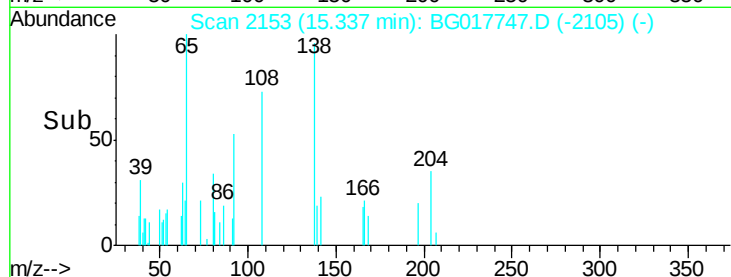
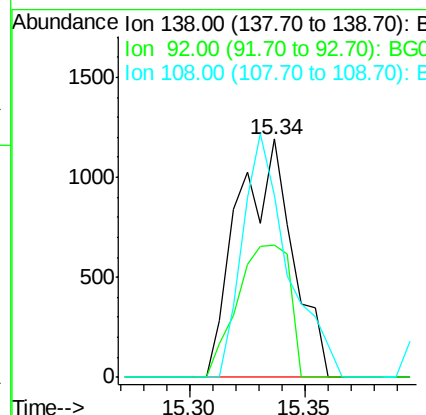
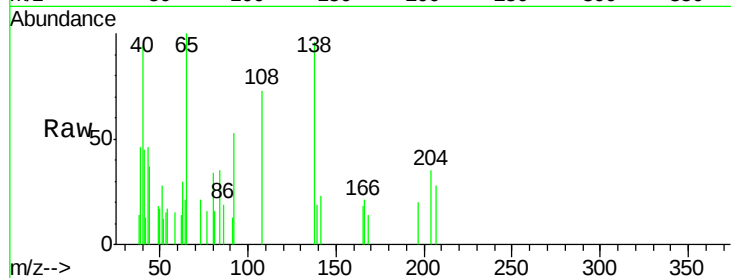




#61
4-Nitroaniline
Concen: 0.49 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

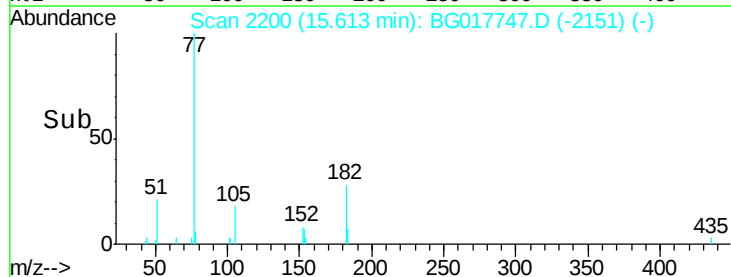
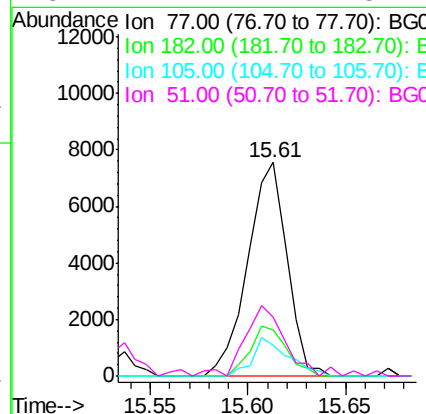
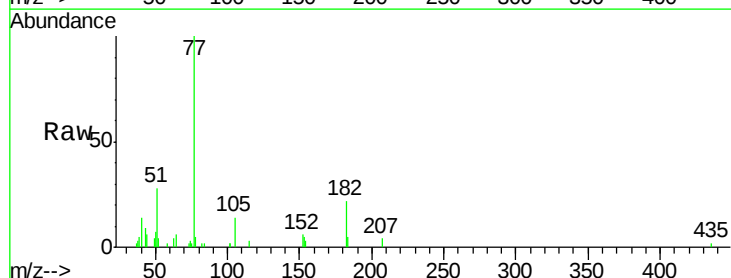
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

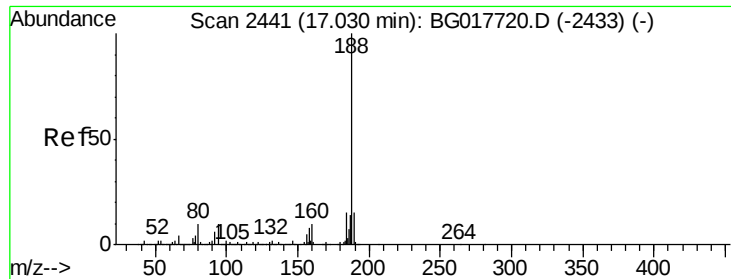
Tgt Ion: 138 Resp: 1971
Ion Ratio Lower Upper
138 100
92 55.6 27.7 67.7
108 76.3 57.8 97.8



#62
Azobenzene
Concen: 0.62 ng
RT: 15.61 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion: 77 Resp: 10510
Ion Ratio Lower Upper
77 100
182 21.8 8.2 48.2
105 14.2 0.0 36.6
51 27.7 11.7 51.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.01 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

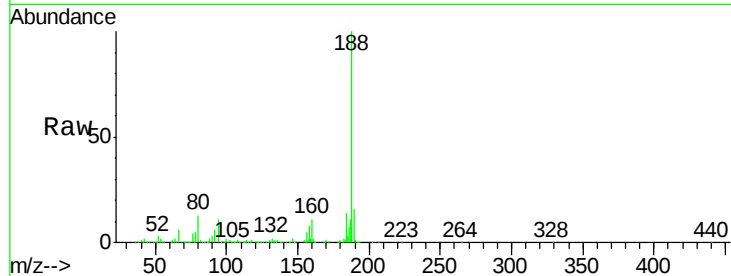
Tgt Ion:188 Resp: 442569

Ion Ratio Lower Upper

188 100

94 11.4 8.2 12.2

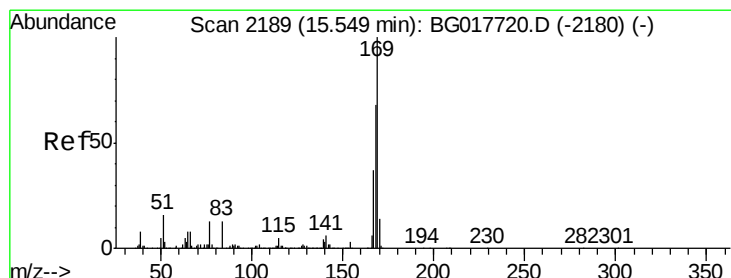
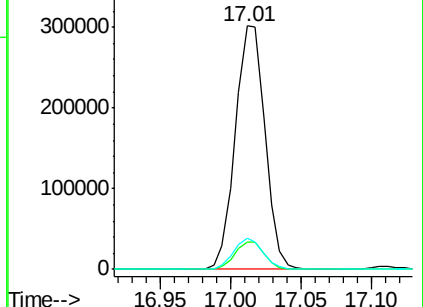
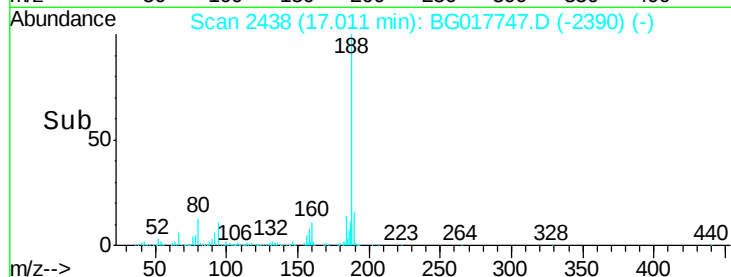
80 12.8 8.2 12.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

n-Nitrosodiphenylamine

Concen: 0.51 ng

RT: 15.53 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

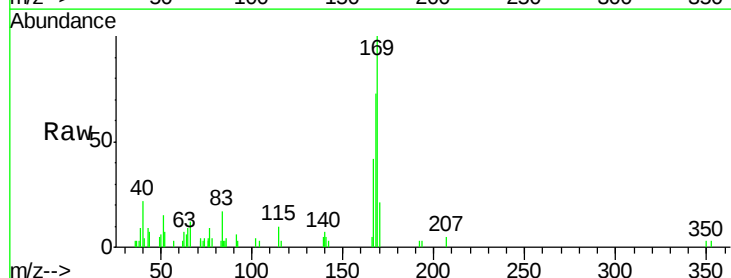
Tgt Ion:169 Resp: 7169

Ion Ratio Lower Upper

169 100

168 73.1 54.1 81.1

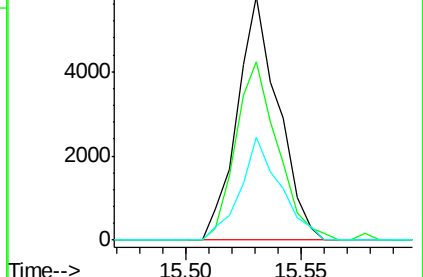
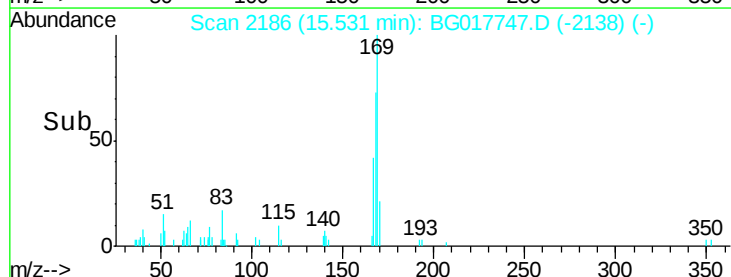
167 42.2 29.4 44.2

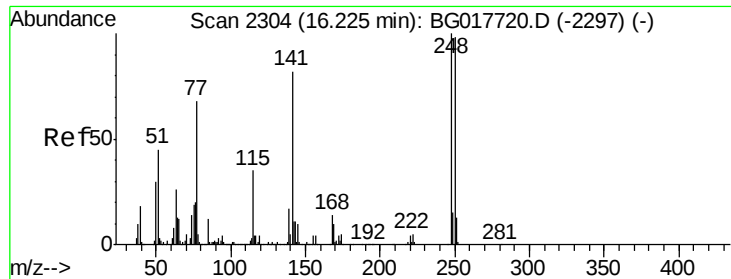


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

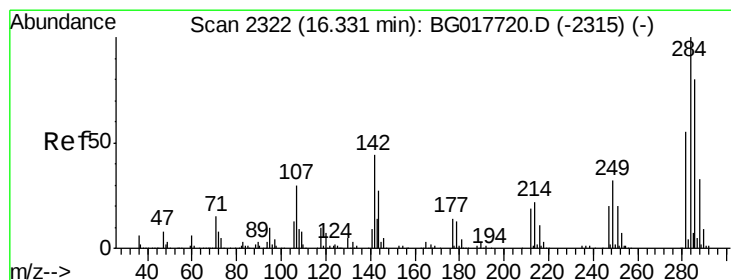
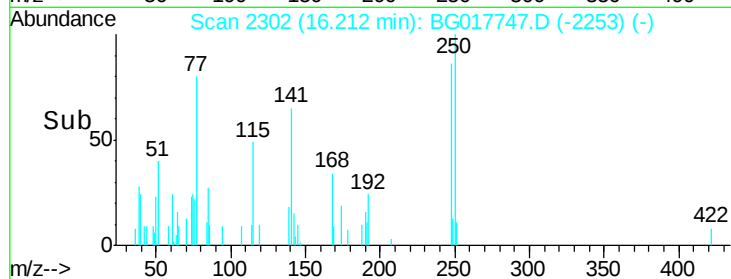
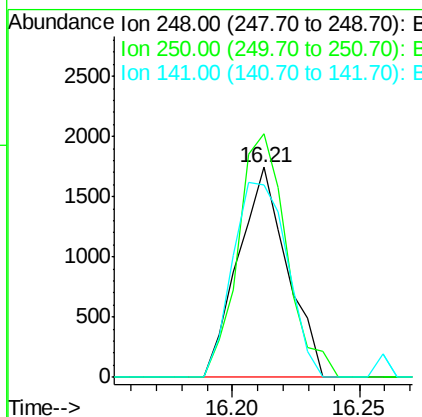
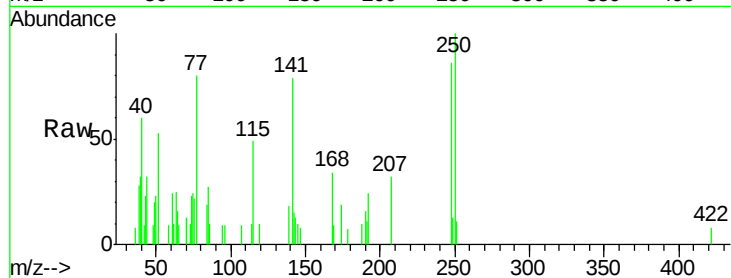




#66
4-Bromophenyl-phenylether
Concen: 0.51 ng
RT: 16.21 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

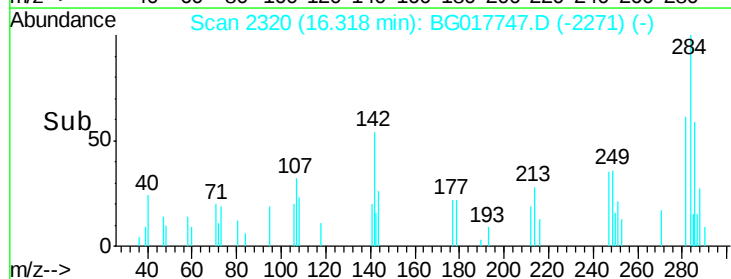
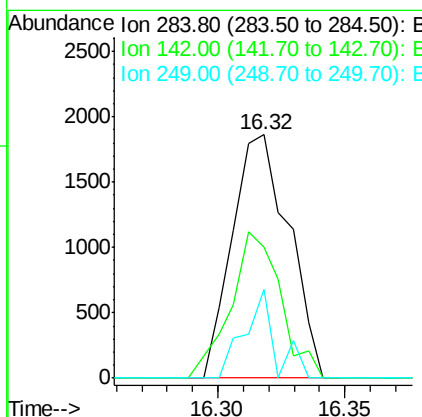
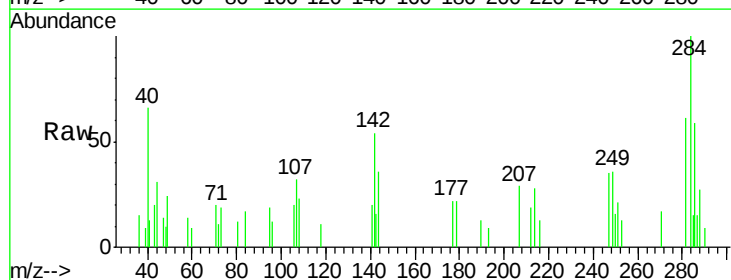
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

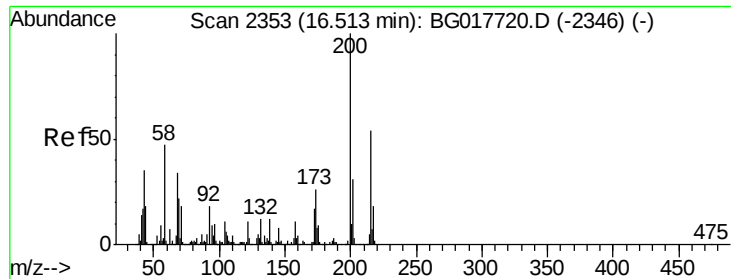
Tgt Ion:248 Resp: 2354
Ion Ratio Lower Upper
248 100
250 115.8 78.0 117.0
141 91.4 65.7 98.5



#67
Hexachlorobenzene
Concen: 0.58 ng
RT: 16.32 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:284 Resp: 2881
Ion Ratio Lower Upper
284 100
142 69.7 35.2 52.8#
249 36.3 25.4 38.0

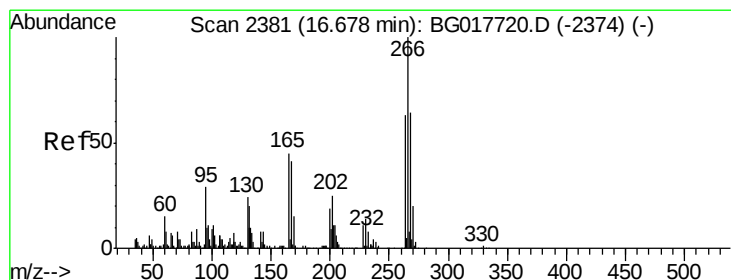
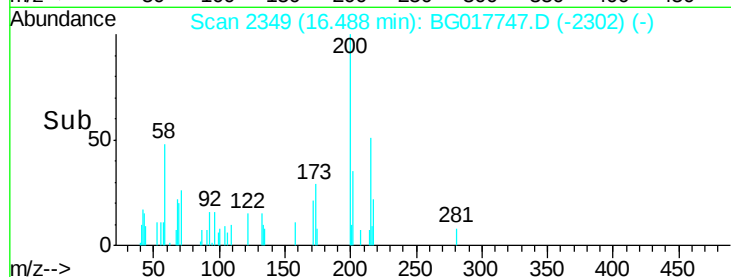
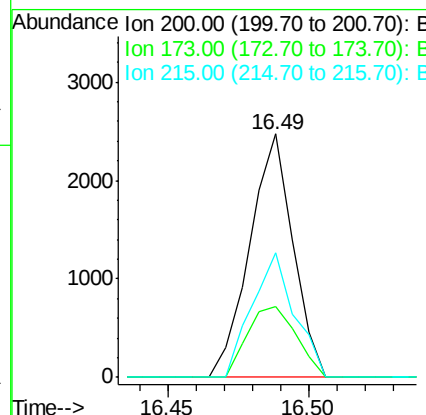
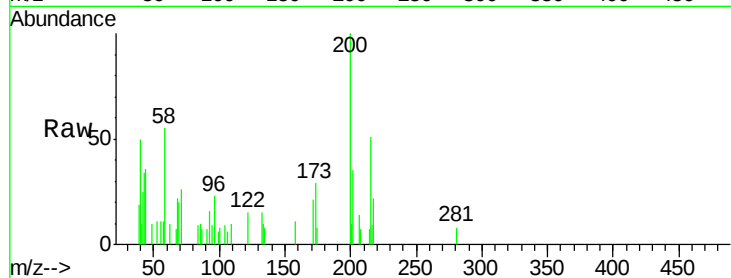




#68
Atrazine
Concen: 0.51 ng
RT: 16.49 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

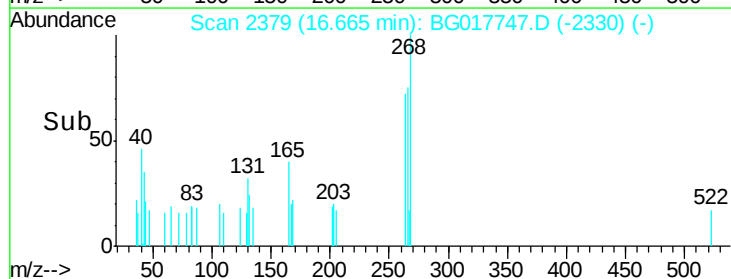
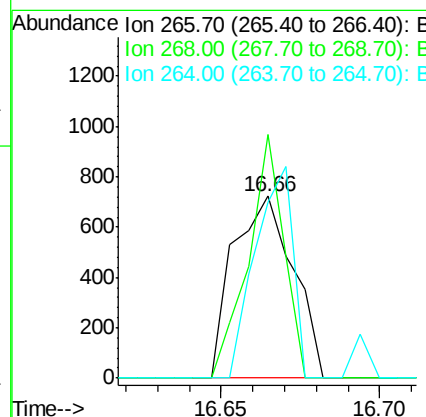
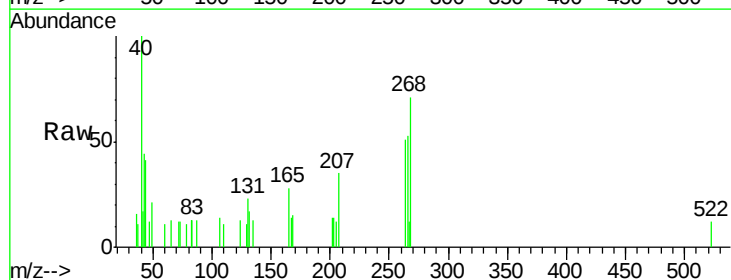
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

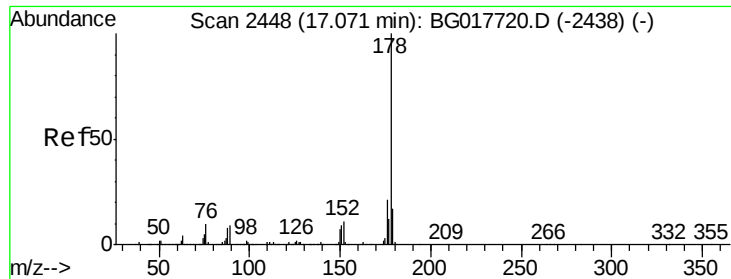
Tgt Ion:200 Resp: 2633
Ion Ratio Lower Upper
200 100
173 29.1 5.6 45.6
215 51.2 34.1 74.1



#69
Pentachlorophenol
Concen: 0.38 ng
RT: 16.66 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:266 Resp: 944
Ion Ratio Lower Upper
266 100
268 133.7 51.0 76.6#
264 96.8 50.7 76.1#





#70

Phenanthrene

Concen: 0.63 ng

RT: 17.06 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

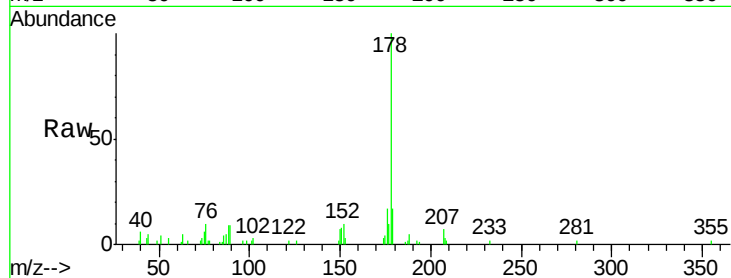
Tgt Ion:178 Resp: 15785

Ion Ratio Lower Upper

178 100

176 17.3 16.5 24.7

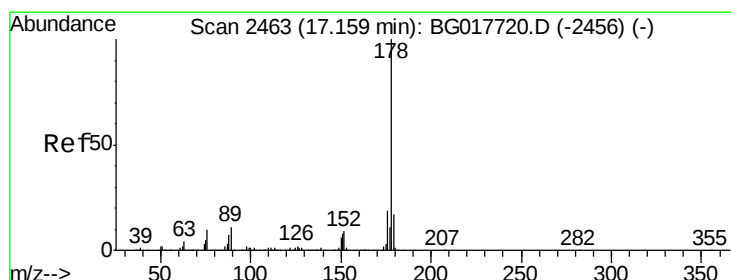
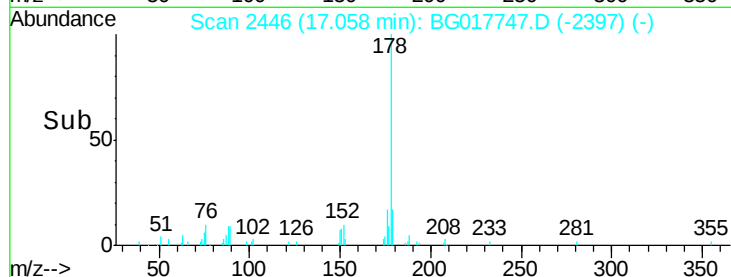
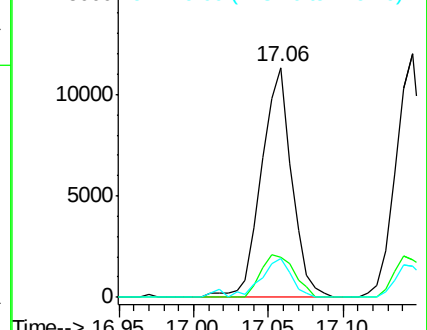
179 17.1 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.65 ng m

RT: 17.15 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

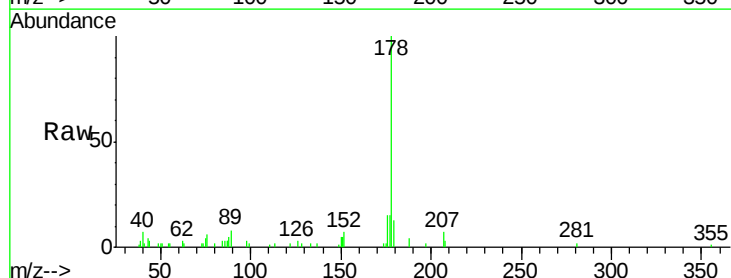
Tgt Ion:178 Resp: 16323

Ion Ratio Lower Upper

178 100

176 15.4 15.2 22.8

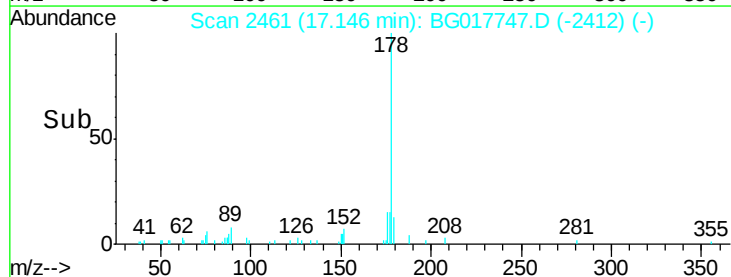
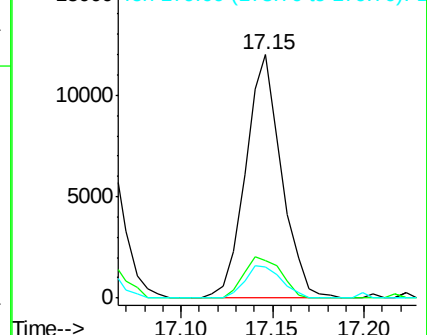
179 12.6 13.6 20.4#

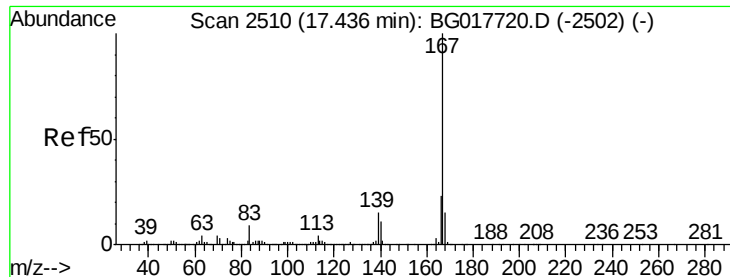


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

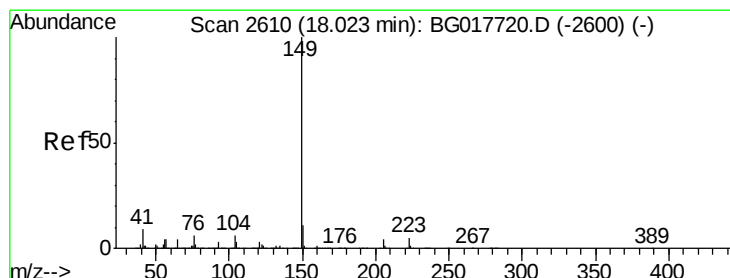
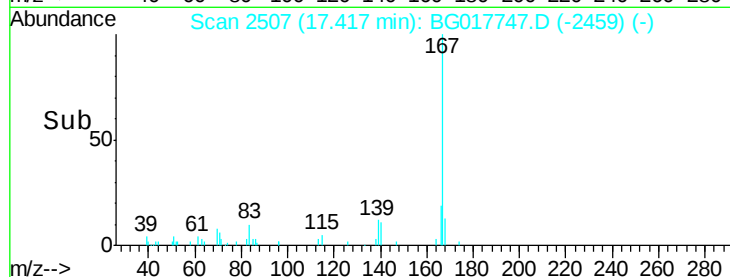
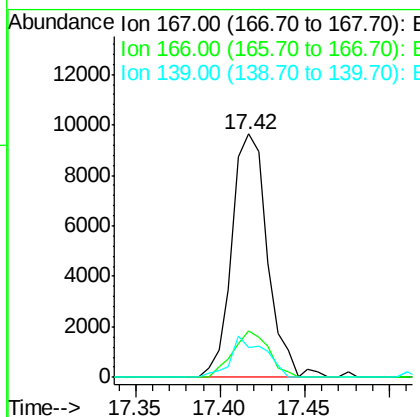
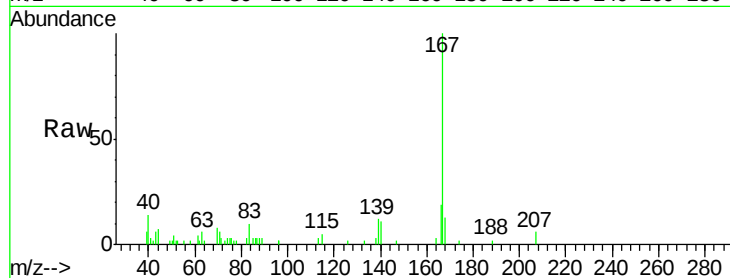




#72
 Carbazole
 Concen: 0.58 ng
 RT: 17.42 min Scan# 2507
 Delta R.T. -0.02 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

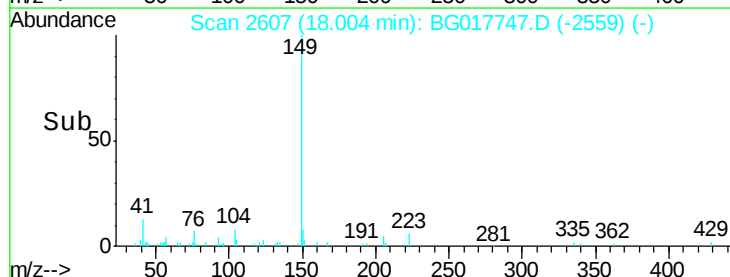
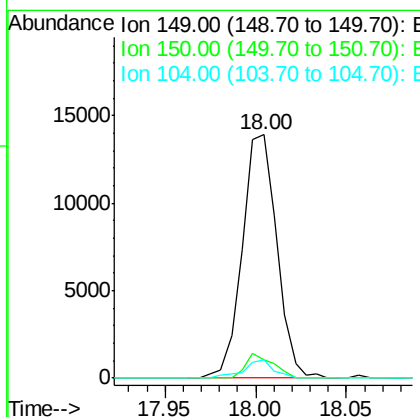
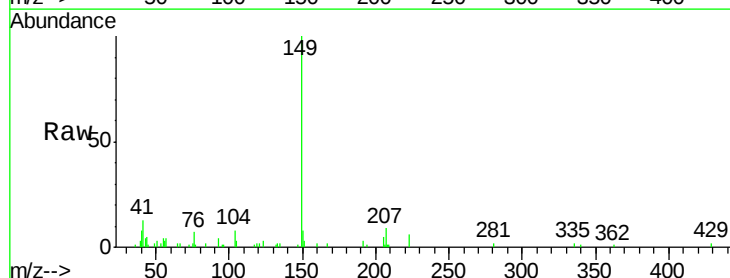
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

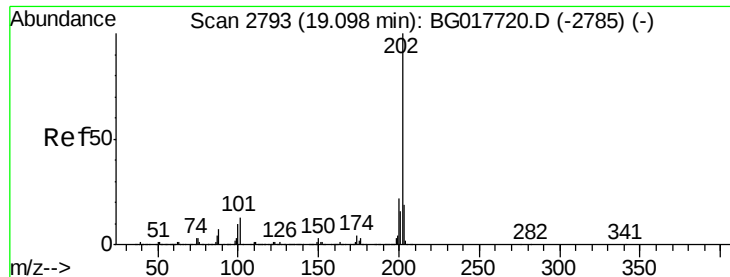
Tgt Ion:167 Resp: 14152
 Ion Ratio Lower Upper
 167 100
 166 19.0 18.3 27.5
 139 12.3 11.9 17.9



#73
 Di-n-butylphthalate
 Concen: 0.60 ng
 RT: 18.00 min Scan# 2607
 Delta R.T. -0.02 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Tgt Ion:149 Resp: 18381
 Ion Ratio Lower Upper
 149 100
 150 7.6 8.6 12.8#
 104 7.6 5.0 7.6#





#74

Fluoranthene

Concen: 0.63 ng

RT: 19.08 min Scan# 2790

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

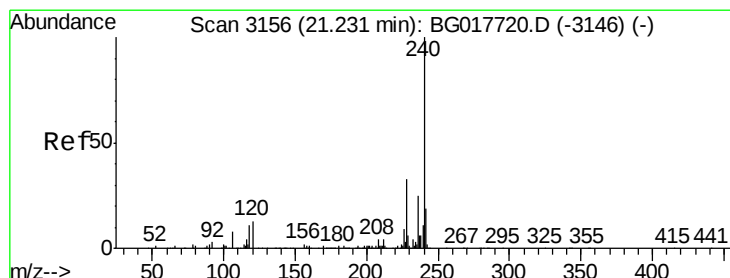
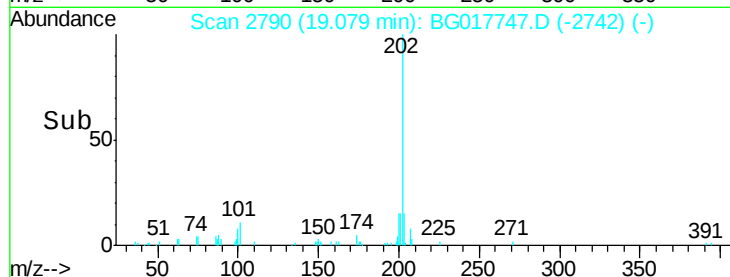
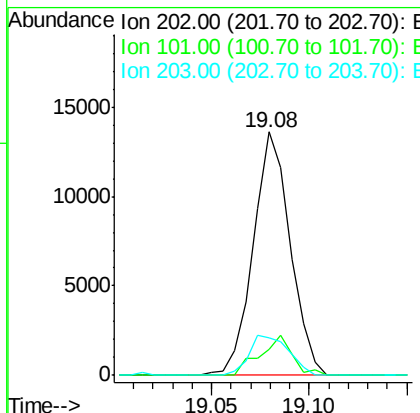
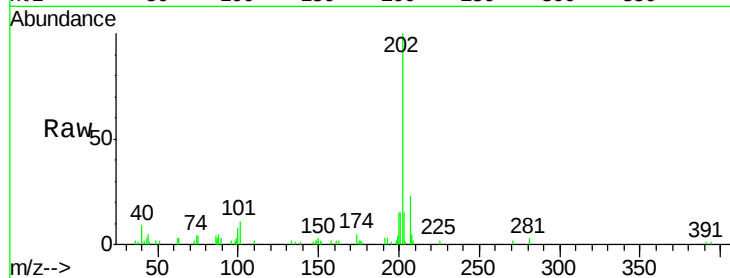
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	202	Resp:	17849
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.3
203	15.3	0.0	39.5



#75

Chrysene-d12

Concen: 20.00 ng

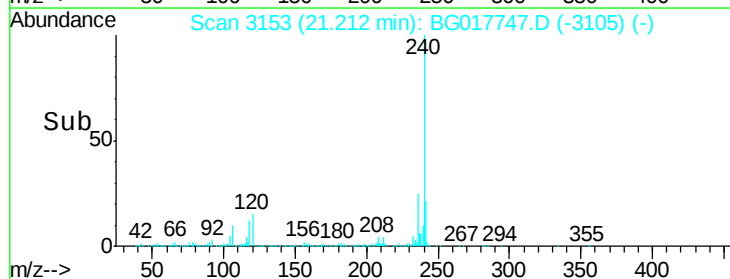
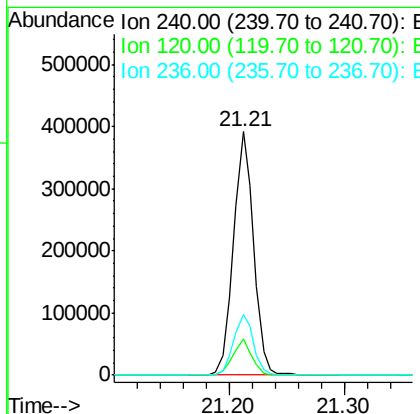
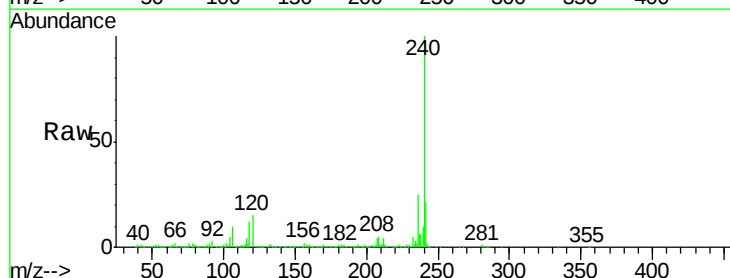
RT: 21.21 min Scan# 3153

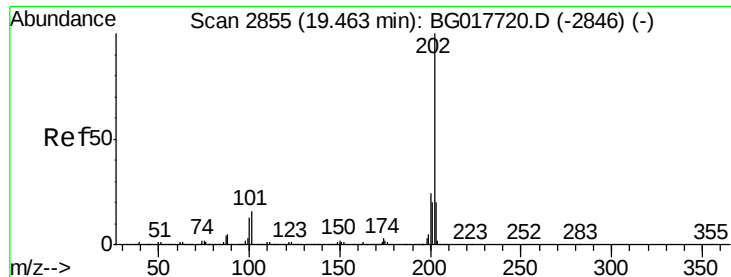
Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Tgt Ion:	240	Resp:	471383
Ion	Ratio	Lower	Upper
240	100		
120	14.9	10.8	16.2
236	24.8	20.0	30.0

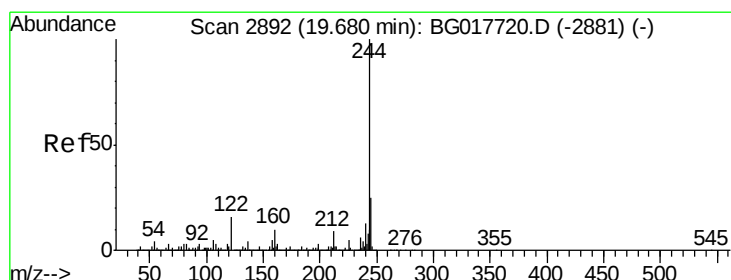
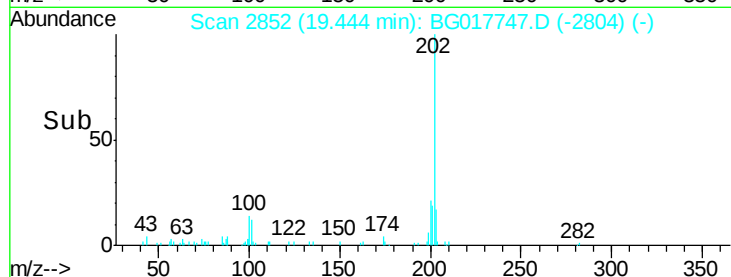
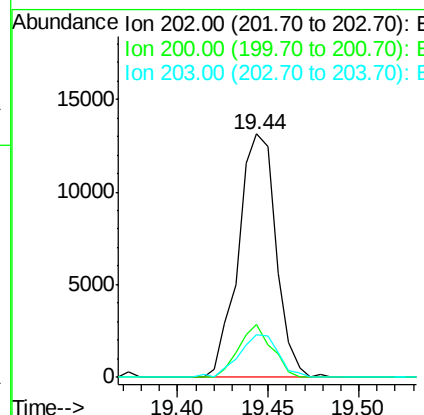
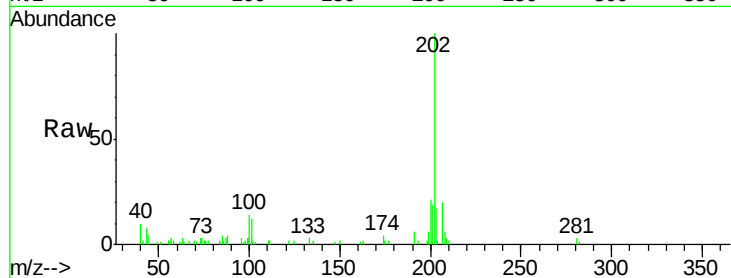




#77
 Pyrene
 Concen: 0.63 ng
 RT: 19.44 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

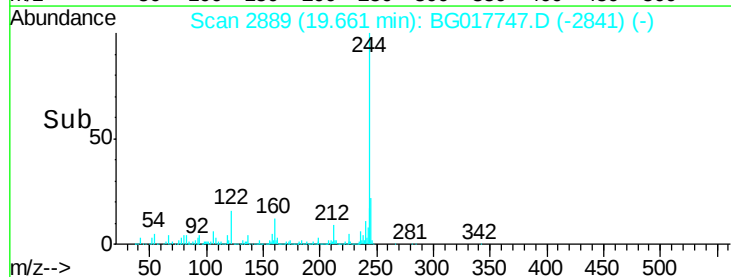
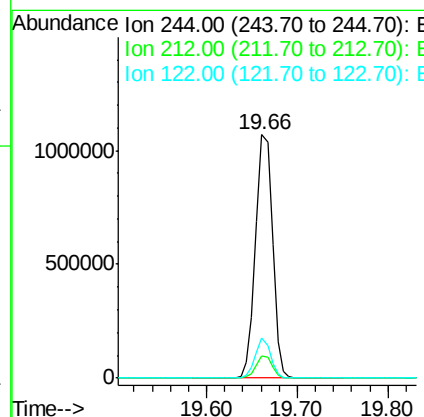
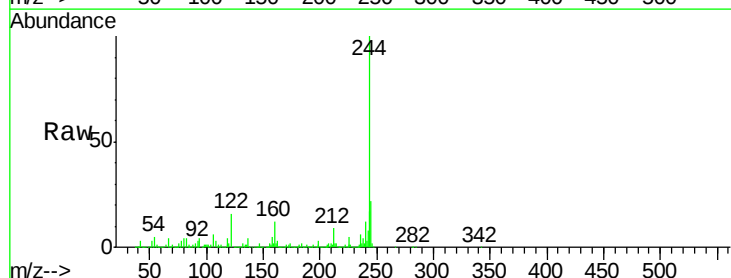
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

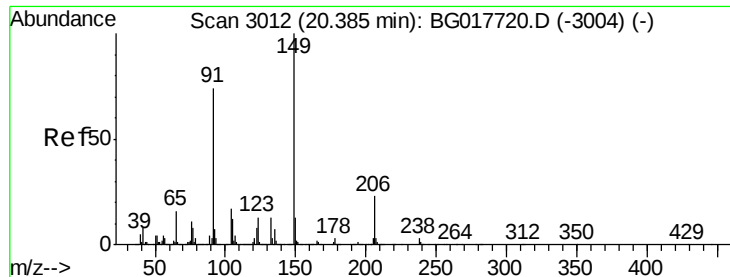
Tgt Ion:	202	Resp:	18951
Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.8	28.2
203	17.4	15.9	23.9



#78
 Terphenyl-d14
 Concen: 67.16 ng
 RT: 19.66 min Scan# 2889
 Delta R.T. -0.02 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Tgt Ion:	244	Resp:	1393335
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	16.3	12.8	19.2

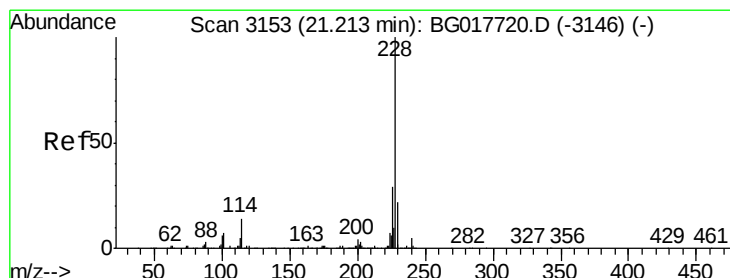
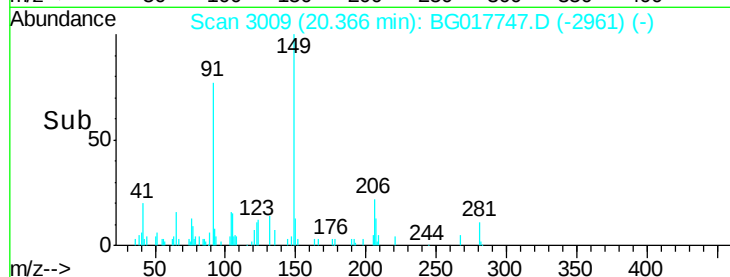
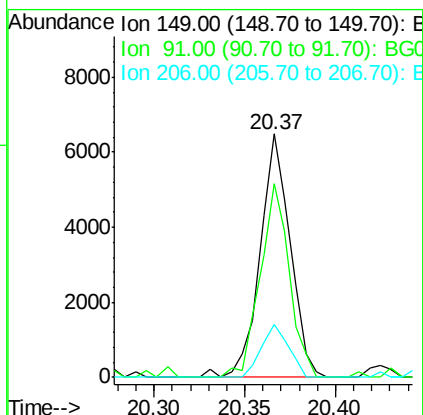
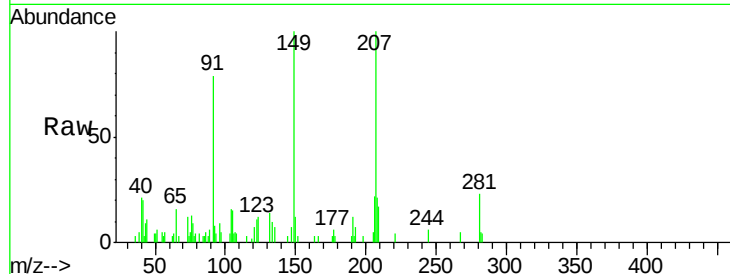




#79
Butylbenzylphthalate
Concen: 0.53 ng
RT: 20.37 min Scan# 3009
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

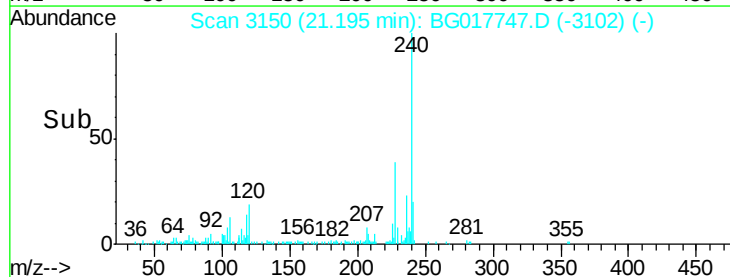
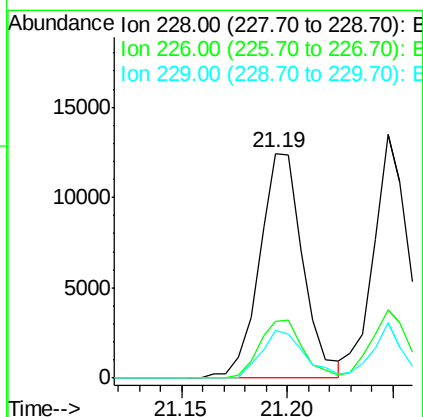
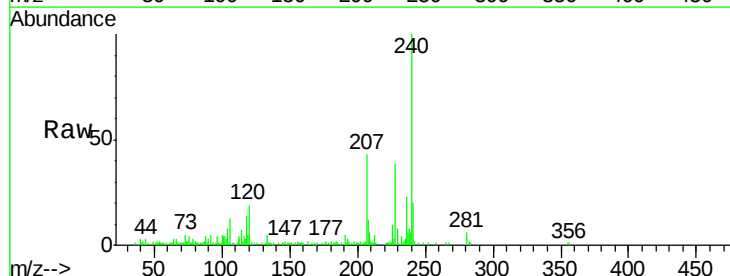
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

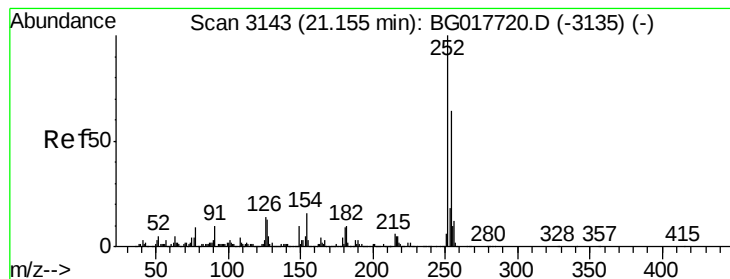
Tgt Ion:149 Resp: 7496
Ion Ratio Lower Upper
149 100
91 79.7 59.5 89.3
206 21.7 18.5 27.7



#80
Benzo(a)anthracene
Concen: 0.65 ng
RT: 21.19 min Scan# 3150
Delta R.T. -0.02 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:228 Resp: 17749
Ion Ratio Lower Upper
228 100
226 25.3 23.1 34.7
229 21.3 17.4 26.0





#81

3,3'-Dichlorobenzidine

Concen: 0.36 ng

RT: 21.14 min Scan# 3140

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

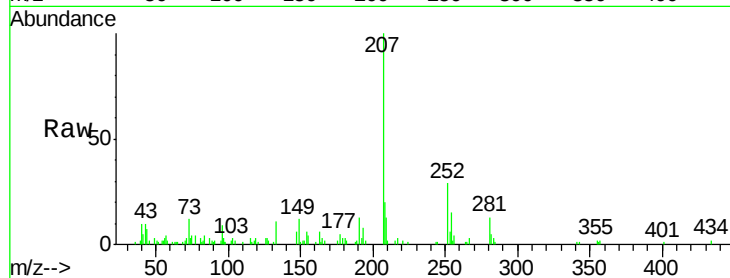
Tgt Ion:252 Resp: 3671

Ion Ratio Lower Upper

252 100

254 51.2 51.2 76.8

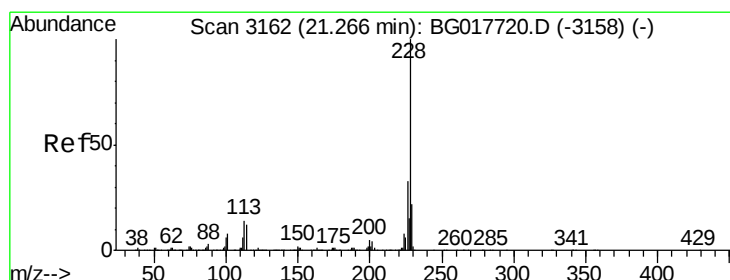
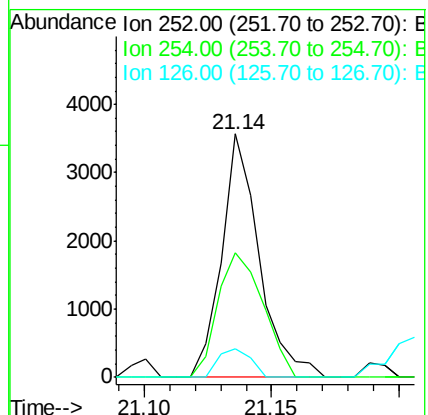
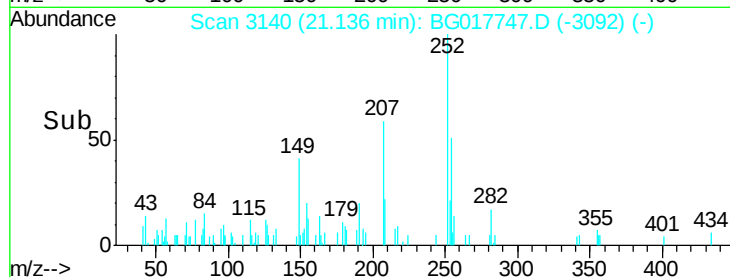
126 11.7 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 0.62 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

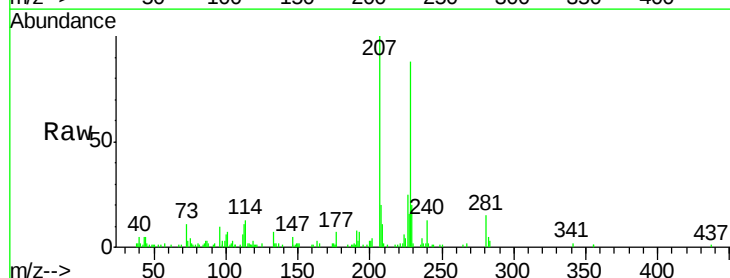
Tgt Ion:228 Resp: 15398

Ion Ratio Lower Upper

228 100

226 27.9 26.1 39.1

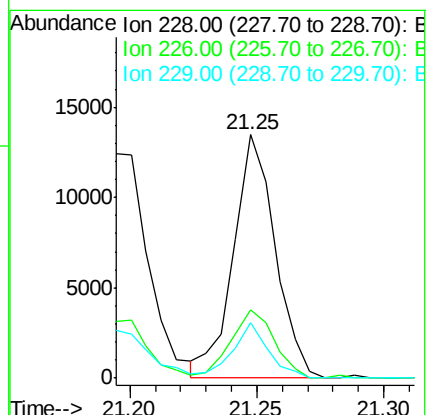
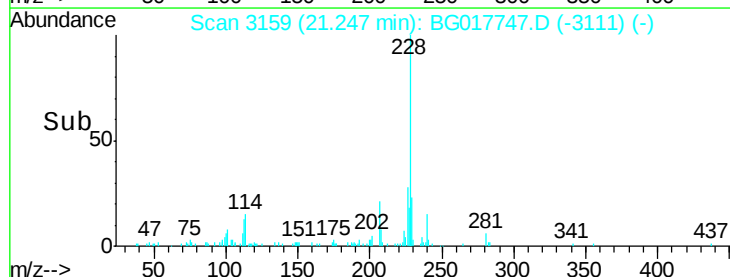
229 22.6 17.7 26.5

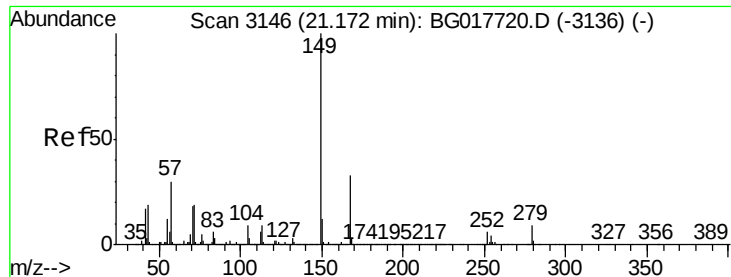


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.54 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

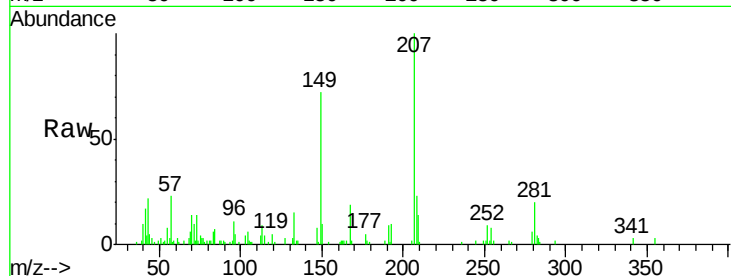
Tgt Ion:149 Resp: 10650

Ion Ratio Lower Upper

149 100

167 25.7 26.6 39.8#

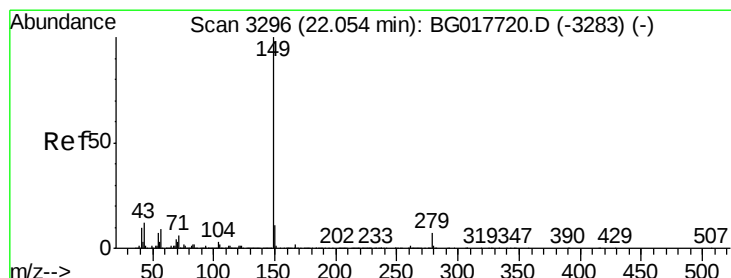
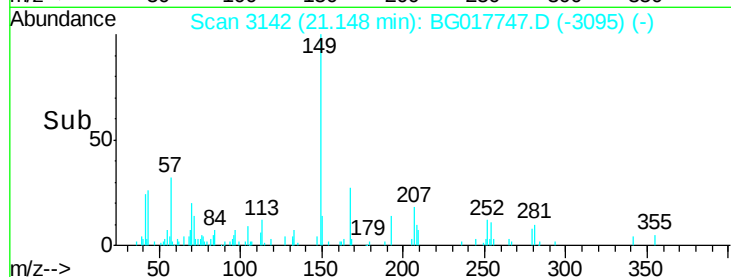
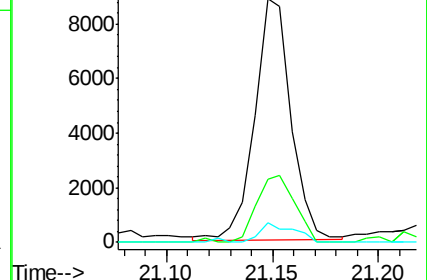
279 7.9 6.9 10.3



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: 0.49 ng

RT: 22.02 min Scan# 3291

Delta R.T. -0.03 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

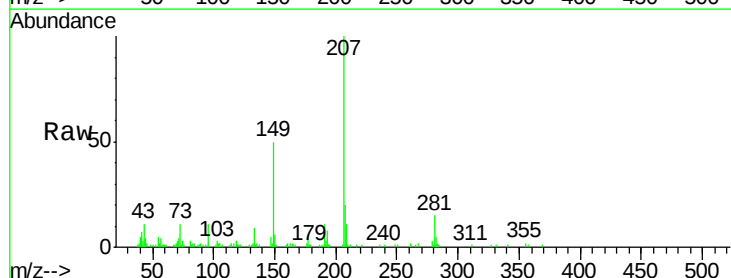
Tgt Ion:149 Resp: 15914

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

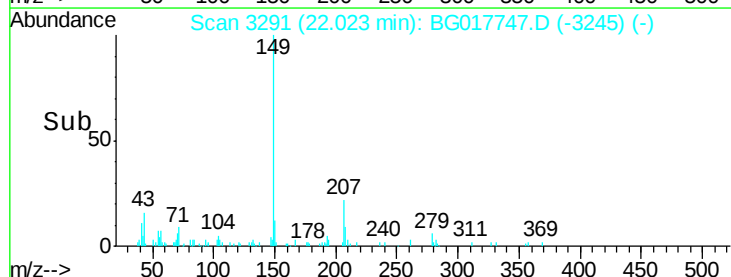
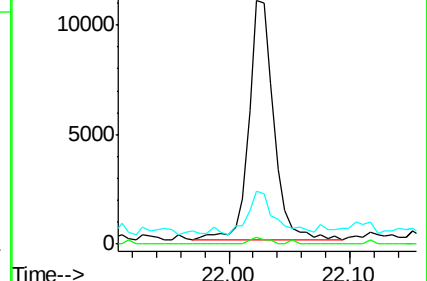
43 18.9 9.7 14.5#

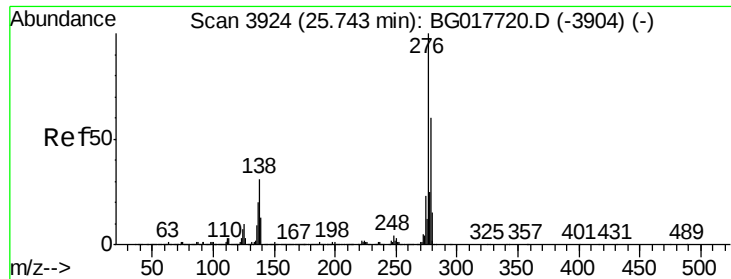


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

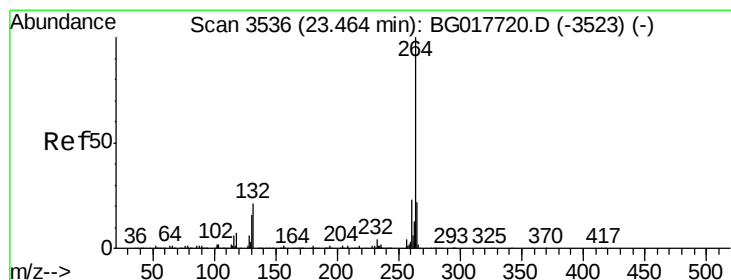
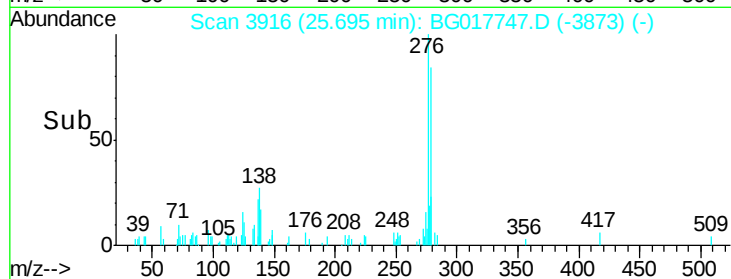
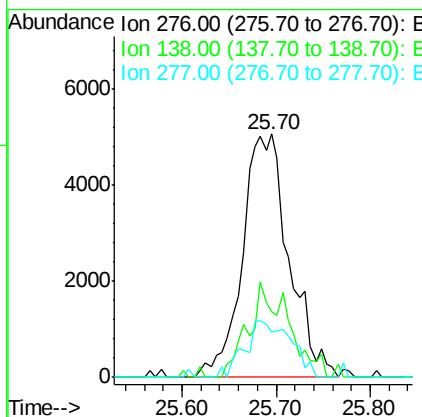
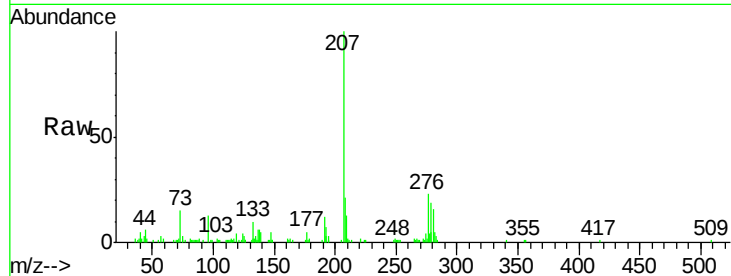




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.58 ng
 RT: 25.70 min Scan# 3916
 Delta R.T. -0.05 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

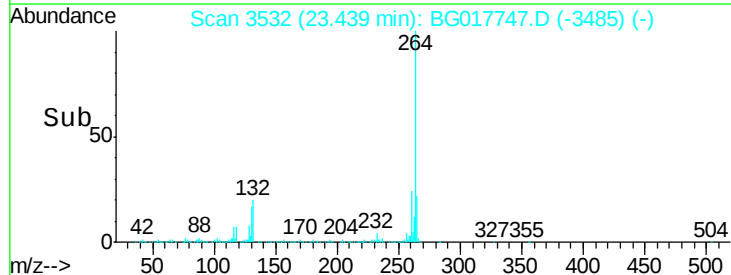
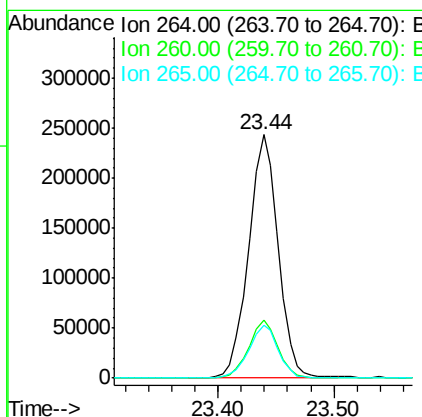
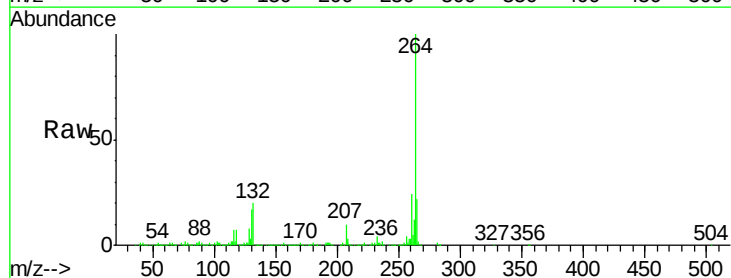
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

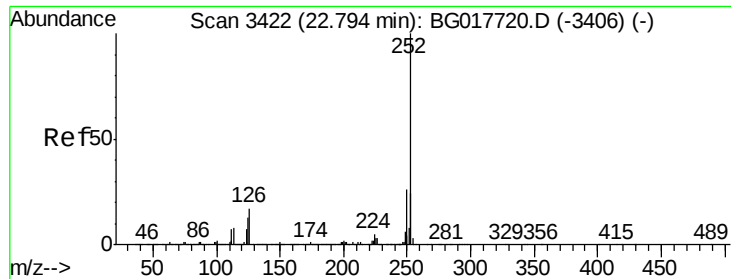
Tgt Ion:276 Resp: 17358
 Ion Ratio Lower Upper
 276 100
 138 33.7 25.4 38.0
 277 23.1 21.0 31.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.44 min Scan# 3532
 Delta R.T. -0.02 min
 Lab File: BG017747.D
 Acq: 22 Jun 2015 16:17

Tgt Ion:264 Resp: 434124
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.8 18.2 27.2





#87

Benzo(b)fluoranthene

Concen: 0.63 ng m

RT: 22.76 min Scan# 3417

Delta R.T. -0.03 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

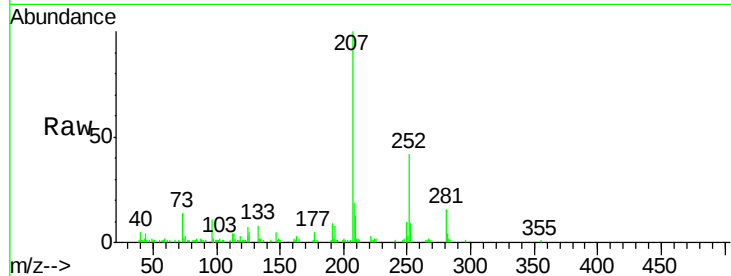
Tgt Ion:252 Resp: 16588

Ion Ratio Lower Upper

252 100

253 20.2 19.7 29.5

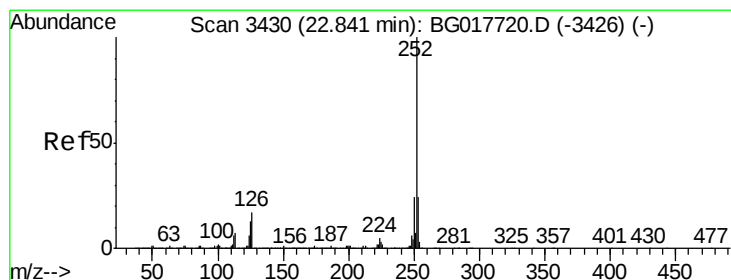
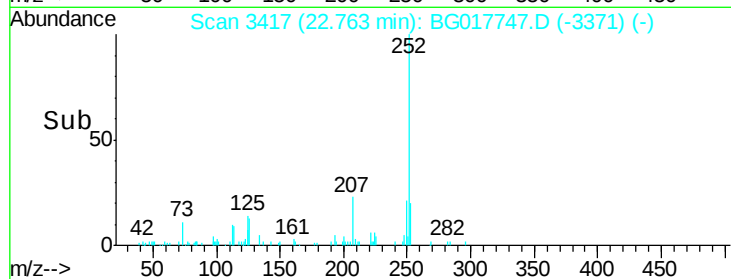
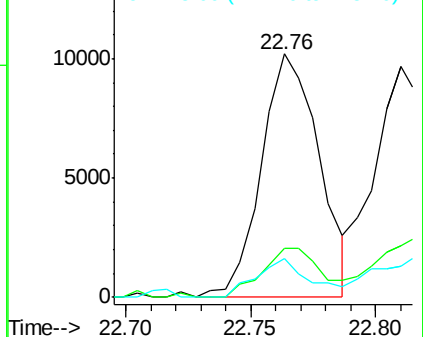
125 16.1 10.6 15.8#



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: 0.66 ng

RT: 22.81 min Scan# 3425

Delta R.T. -0.03 min

Lab File: BG017747.D

Acq: 22 Jun 2015 16:17

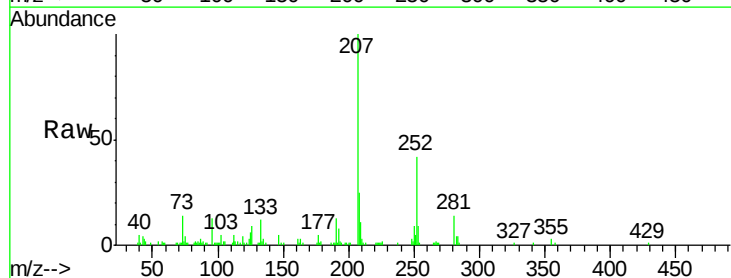
Tgt Ion:252 Resp: 16387

Ion Ratio Lower Upper

252 100

253 22.4 19.0 28.6

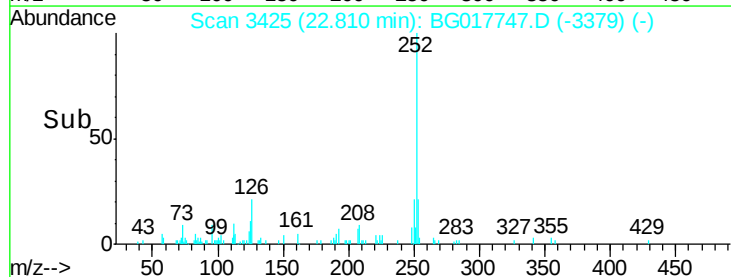
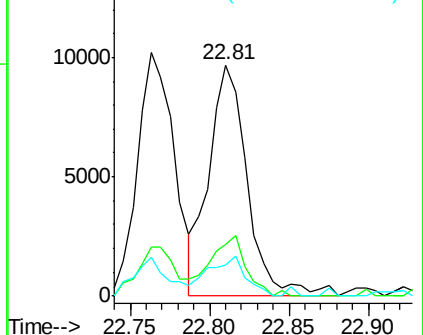
125 13.6 10.3 15.5

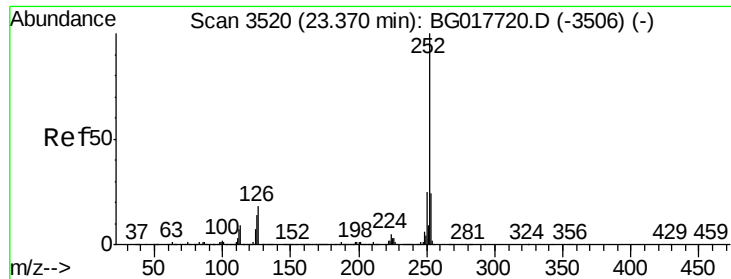


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

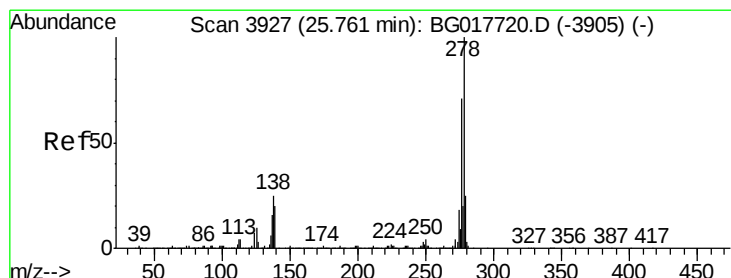
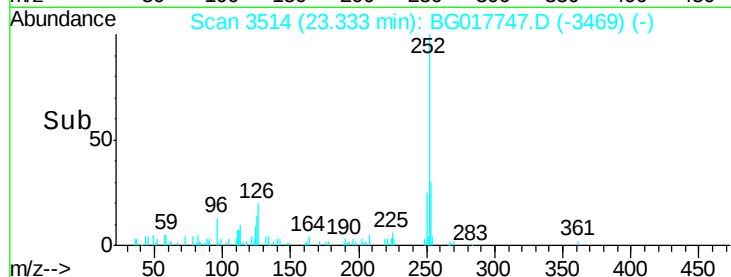
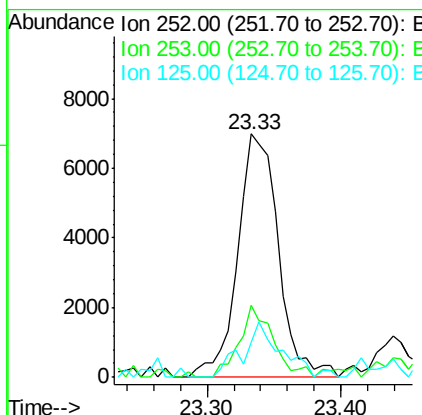
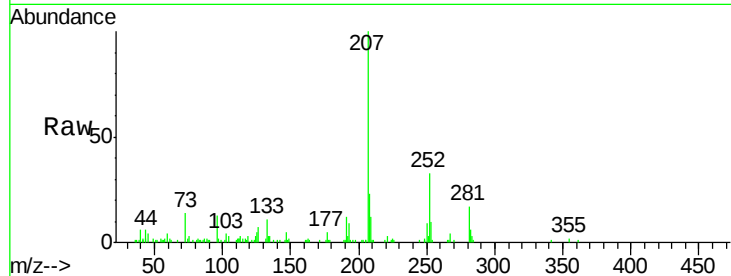




#89
Benzo(a)pyrene
Concen: 0.61 ng
RT: 23.33 min Scan# 3514
Delta R.T. -0.04 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

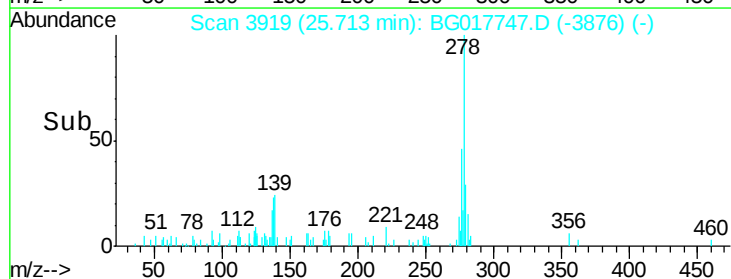
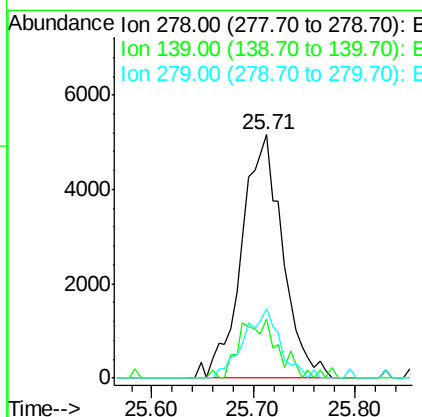
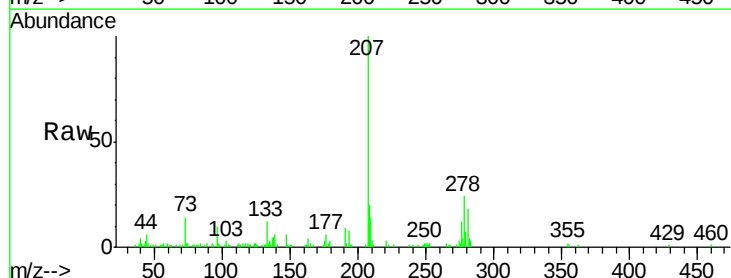
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

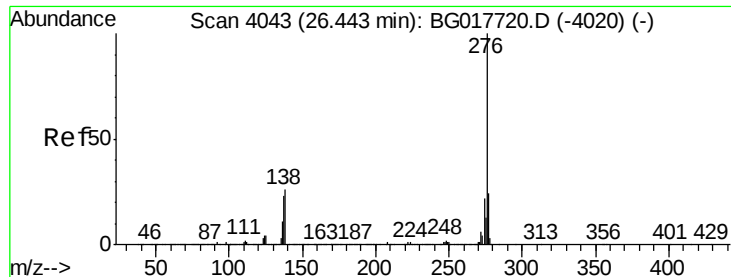
Tgt Ion:252 Resp: 14718
Ion Ratio Lower Upper
252 100
253 29.7 19.0 28.6#
125 14.5 11.1 16.7



#90
Dibenzo(a,h)anthracene
Concen: 0.59 ng
RT: 25.71 min Scan# 3919
Delta R.T. -0.05 min
Lab File: BG017747.D
Acq: 22 Jun 2015 16:17

Tgt Ion:278 Resp: 14445
Ion Ratio Lower Upper
278 100
139 24.4 16.2 24.2#
279 28.7 19.9 29.9





#91

Benzo(g,h,i)perylene

Concen: 0.59 ng

RT: 26.38 min Scan# 4032

Delta R.T. -0.07 min

Lab File: BG017747.D

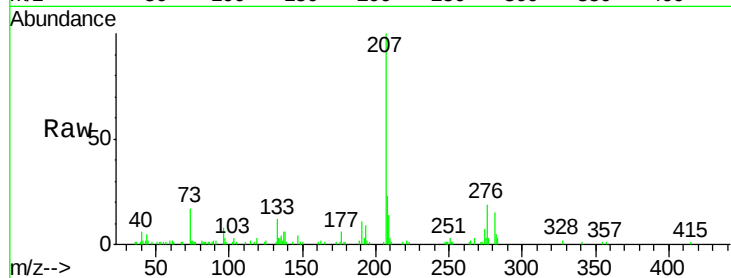
Acq: 22 Jun 2015 16:17

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01



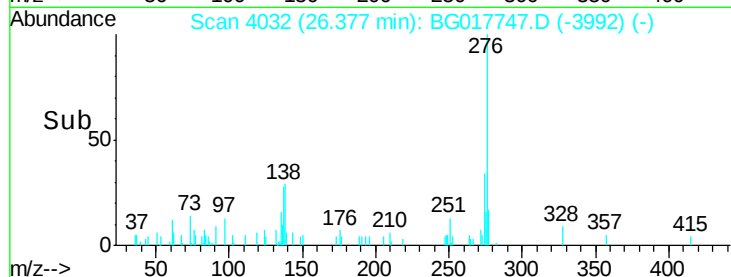
Tgt Ion: 276 Resp: 13849

Ion Ratio Lower Upper

276 100

277 17.2 18.9 28.3#

138 34.2 20.8 31.2#



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

