

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017750.D
 Acq On : 22 Jun 2015 18:03
 Operator : TP/IZ
 Sample : G2653-03
 Misc : LOD-SVOC-SOIL-8PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jun 23 02:15:43 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	73505	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	332594	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	199332	20.00	ng	-0.01
63) Phenanthrene-d10	17.01	188	439486	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	477351	20.00	ng	-0.02
86) Perylene-d12	23.44	264	437740	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	541654	129.32	ng	-0.01
7) Phenol-d6	6.79	99	745274	126.59	ng	-0.01
23) Nitrobenzene-d5	8.76	82	454839	78.66	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	209137	113.15	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	912684	74.36	ng	-0.02
78) Terphenyl-d14	19.66	244	1489707	70.91	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	10230	5.61	ng	# 77
3) Pyridine	3.56	79	29290	5.77	ng	95
4) n-Nitrosodimethylamine	3.48	42	13197	5.72	ng	# 90
6) Aniline	6.95	93	31192	3.85	ng	92
8) 2-Chlorophenol	7.18	128	33079	6.31	ng	93
9) Benzaldehyde	6.76	77	29789	8.73	ng	90
10) Phenol	6.81	94	42594	6.64	ng	88
11) bis(2-Chloroethyl)ether	7.05	93	31380	6.45	ng	97
12) 1,3-Dichlorobenzene	7.50	146	32260	5.54	ng	92
13) 1,4-Dichlorobenzene	7.65	146	34045	5.65	ng	98
14) 1,2-Dichlorobenzene	7.96	146	32761	5.76	ng	95
15) Benzyl Alcohol	7.85	79	29825	5.88	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.15	45	51195	6.89	ng	94
17) 2-Methylphenol	8.05	107	28733	6.01	ng	# 89
18) Hexachloroethane	8.68	117	13976	6.05	ng	95
19) n-Nitroso-di-n-propylamine	8.42	70	25473	5.14	ng	# 96
20) 3+4-Methylphenols	8.38	107	36789	5.71	ng	96
22) Acetophenone	8.42	105	46024	6.10	ng	# 96
24) Nitrobenzene	8.80	77	39433	6.35	ng	96
25) Isophorone	9.32	82	70009	5.44	ng	# 92
26) 2-Nitrophenol	9.51	139	15095	5.32	ng	# 92
27) 2,4-Dimethylphenol	9.57	122	31470	5.86	ng	95
28) bis(2-Chloroethoxy)methane	9.81	93	38741	5.97	ng	96
29) 2,4-Dichlorophenol	10.04	162	27125	5.73	ng	97
30) 1,2,4-Trichlorobenzene	10.26	180	28271	5.32	ng	98
31) Naphthalene	10.44	128	102683	5.71	ng	96
32) Benzoic acid	9.63	122	5950	9.46	ng	# 85
33) 4-Chloroaniline	10.56	127	29534	3.75	ng	99
34) Hexachlorobutadiene	10.73	225	15992	5.26	ng	95
35) Caprolactam	11.30	113	12803	4.87	ng	100
36) 4-Chloro-3-methylphenol	11.68	107	32551	5.56	ng	98
37) 2-Methylnaphthalene	12.06	142	71973	5.56	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	30691	5.74	ng	95
40) Hexachlorocyclopentadiene	12.42	237	16418	4.57	ng	86

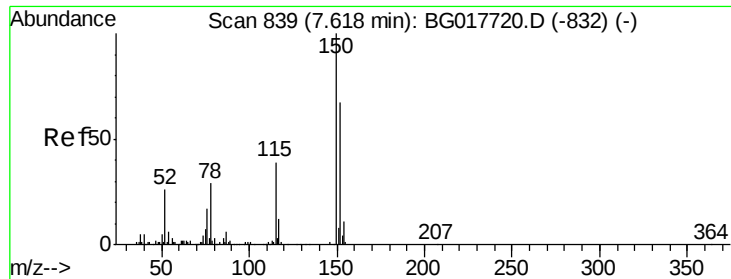
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017750.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	18981	5.24	ng	99
43) 2,4,5-Trichlorophenol	12.75	196	20671	5.24	ng #	94
45) 1,1'-Biphenyl	13.09	154	90026	6.11	ng	98
46) 2-Chloronaphthalene	13.13	162	67961	5.73	ng	97
47) 2-Nitroaniline	13.34	65	21673	6.12	ng #	81
48) Acenaphthylene	13.98	152	118164	5.58	ng	95
49) Dimethylphthalate	13.73	163	84472	5.54	ng	99
50) 2,6-Dinitrotoluene	13.84	165	17233	5.48	ng #	78
51) Acenaphthene	14.33	154	71131	5.56	ng	97
52) 3-Nitroaniline	14.17	138	17511	4.77	ng	99
53) 2,4-Dinitrophenol	14.37	184	5827	10.69	ng #	76
54) Dibenzofuran	14.66	168	106266	5.90	ng	97
55) 4-Nitrophenol	14.47	139	14856	5.12	ng	93
56) 2,4-Dinitrotoluene	14.63	165	22660	7.64	ng #	91
57) Fluorene	15.31	166	90963	5.59	ng	93
58) 2,3,4,6-Tetrachlorophenol	14.81	232	16816	5.14	ng	95
59) Diethylphthalate	15.10	149	93800	5.67	ng	97
60) 4-Chlorophenyl-phenylether	15.32	204	43359	5.81	ng	97
61) 4-Nitroaniline	15.33	138	22241	5.45	ng	88
62) Azobenzene	15.61	77	111205	6.42	ng	95
64) 4,6-Dinitro-2-methylphenol	15.39	198	9079	10.41	ng	89
65) n-Nitrosodiphenylamine	15.53	169	78566	5.60	ng	95
66) 4-Bromophenyl-phenylether	16.21	248	25411	5.60	ng	94
67) Hexachlorobenzene	16.32	284	26024	5.29	ng	98
68) Atrazine	16.49	200	27494	5.37	ng	96
69) Pentachlorophenol	16.67	266	12829	5.20	ng	96
70) Phenanthrene	17.05	178	150135	6.06	ng	93
71) Anthracene	17.15	178	146129	5.90	ng	95
72) Carbazole	17.42	167	141796	5.84	ng	98
73) Di-n-butylphthalate	18.00	149	185900	6.14	ng	97
74) Fluoranthene	19.08	202	171270	6.05	ng	95
76) Benzidine	19.28	184	36921	2.32	ng #	89
77) Pyrene	19.44	202	179136	5.90	ng	97
79) Butylbenzylphthalate	20.37	149	79510	5.53	ng	95
80) Benzo(a)anthracene	21.20	228	160543	5.84	ng	99
81) 3,3'-Dichlorobenzidine	21.14	252	36928	3.60	ng	99
82) Chrysene	21.25	228	145890	5.78	ng	94
83) Bis(2-ethylhexyl)phthalate	21.15	149	114315	5.73	ng #	91
84) Di-n-octyl phthalate	22.02	149	180542	5.51	ng	98
85) Indeno(1,2,3-cd)pyrene	25.69	276	152895	5.05	ng	98
87) Benzo(b)fluoranthene	22.76	252	146314	5.55	ng	96
88) Benzo(k)fluoranthene	22.81	252	145939	5.79	ng	98
89) Benzo(a)pyrene	23.34	252	138509	5.72	ng	93
90) Dibenzo(a,h)anthracene	25.71	278	133666	5.45	ng	97
91) Benzo(g,h,i)perylene	26.38	276	126505	5.33	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 838

Delta R.T. -0.01 min

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LOD-SOIL2015-01

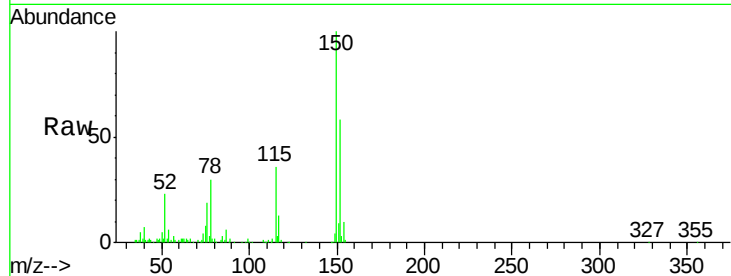
Tgt Ion:152 Resp: 73505

Ion Ratio Lower Upper

152 100

150 171.2 119.1 178.7

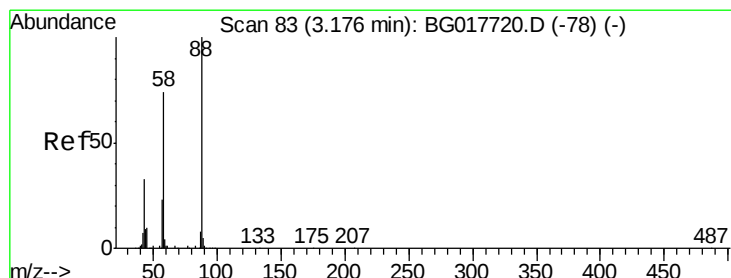
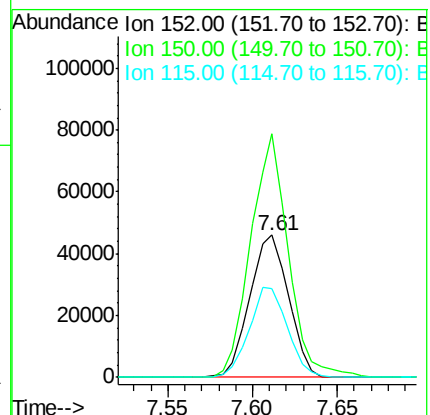
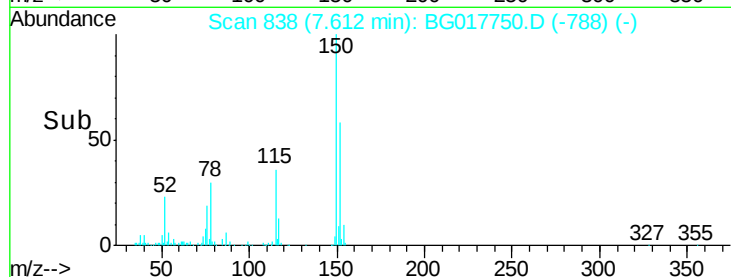
115 62.0 47.0 70.4



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



#2

1,4-Dioxane

Concen: 5.61 ng

RT: 3.17 min Scan# 82

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

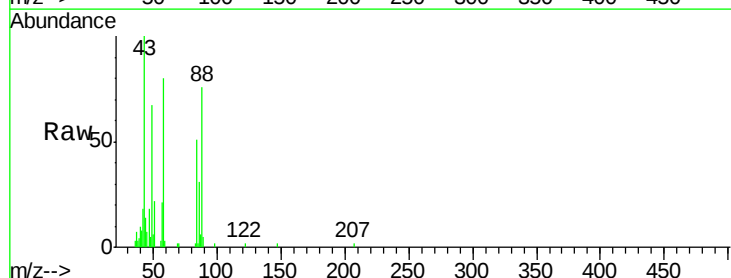
Tgt Ion: 88 Resp: 10230

Ion Ratio Lower Upper

88 100

58 88.9 55.8 83.8#

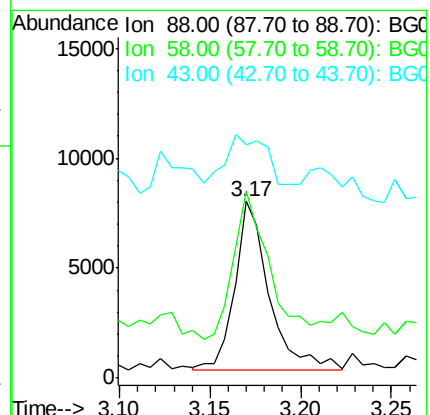
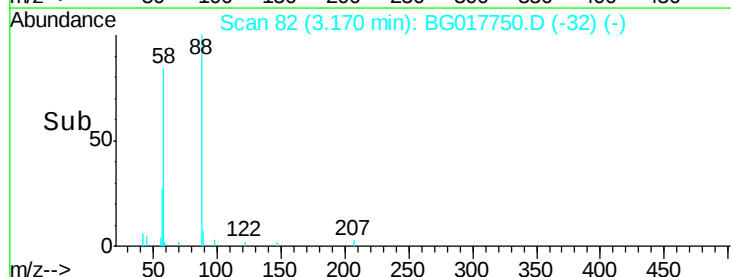
43 46.4 27.4 41.2#

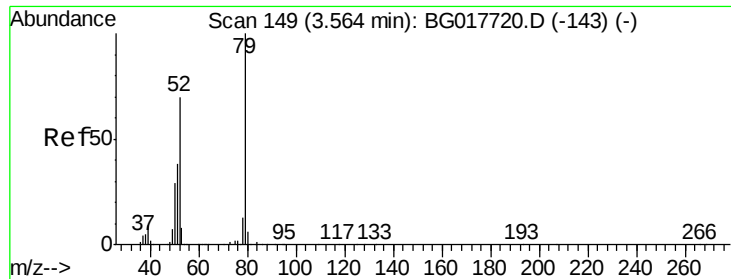


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 5.77 ng

RT: 3.56 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

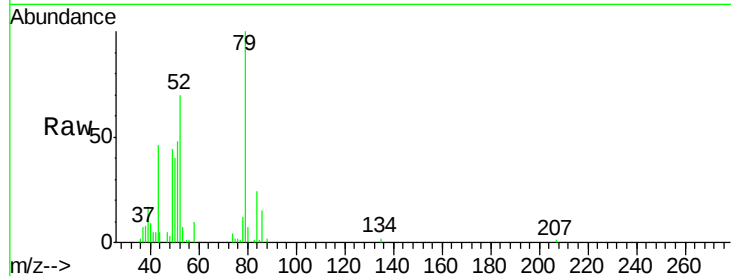
Tgt Ion: 79 Resp: 29290

Ion Ratio Lower Upper

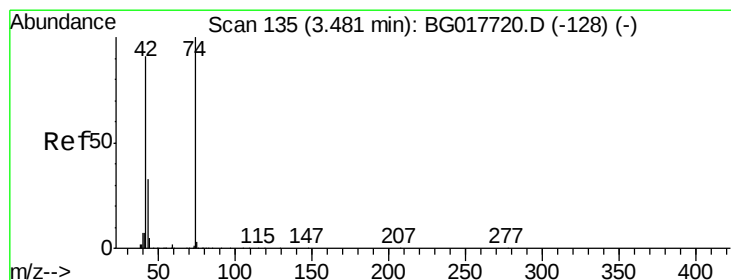
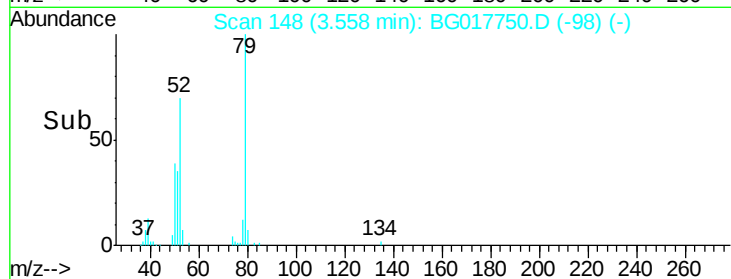
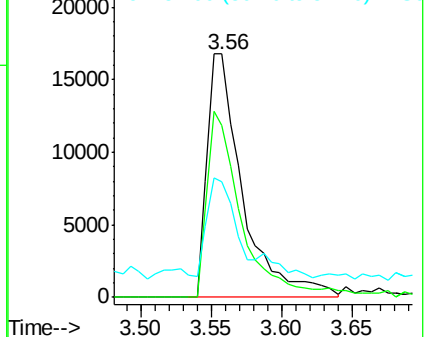
79 100

52 70.4 55.7 83.5

51 47.7 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 5.72 ng

RT: 3.48 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

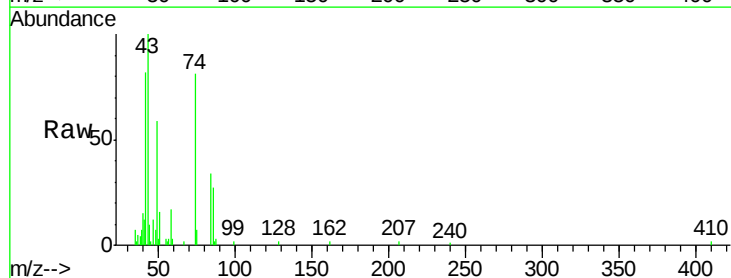
Tgt Ion: 42 Resp: 13197

Ion Ratio Lower Upper

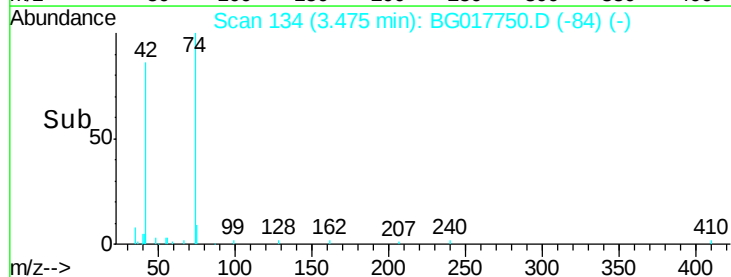
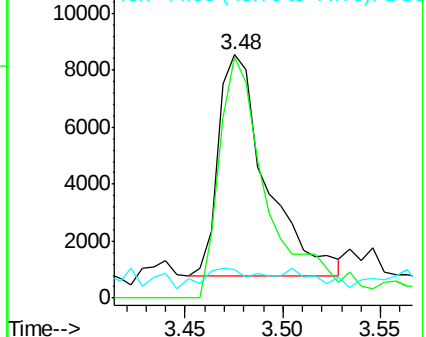
42 100

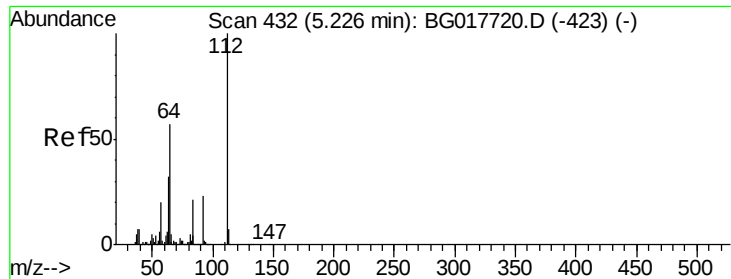
74 98.9 87.4 131.2

44 11.9 6.4 9.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 129.32 ng

RT: 5.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

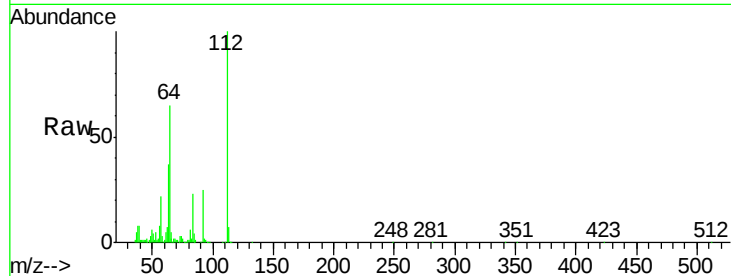
Tgt Ion: 112 Resp: 541654

Ion Ratio Lower Upper

112 100

64 65.4 45.4 68.0

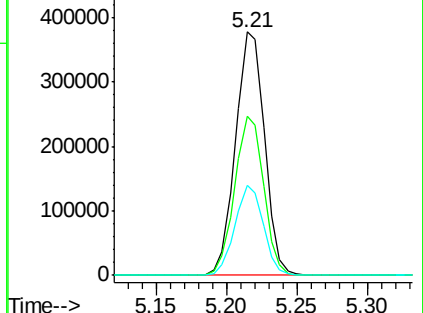
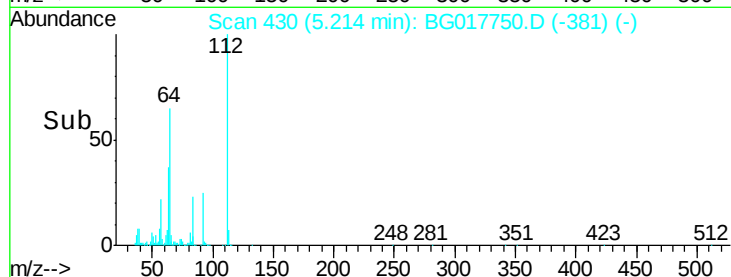
63 37.0 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 3.85 ng

RT: 6.95 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

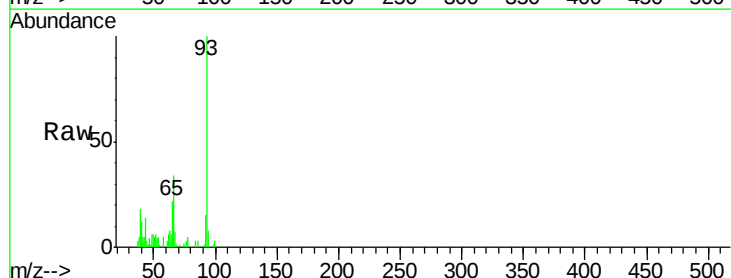
Tgt Ion: 93 Resp: 31192

Ion Ratio Lower Upper

93 100

66 33.8 32.7 49.1

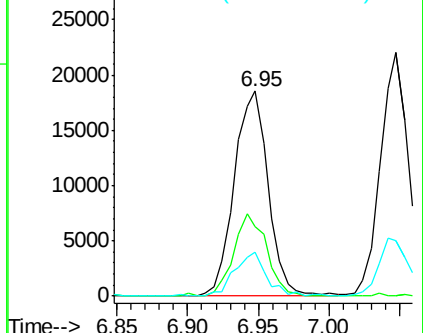
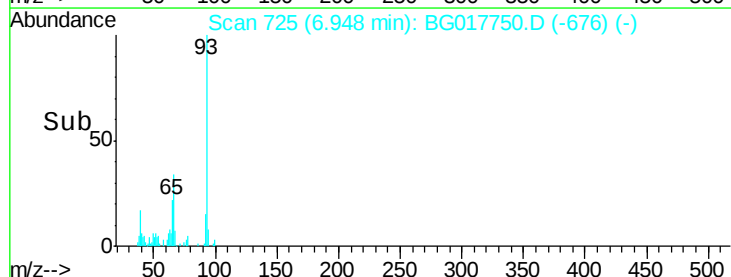
65 21.6 17.0 25.6

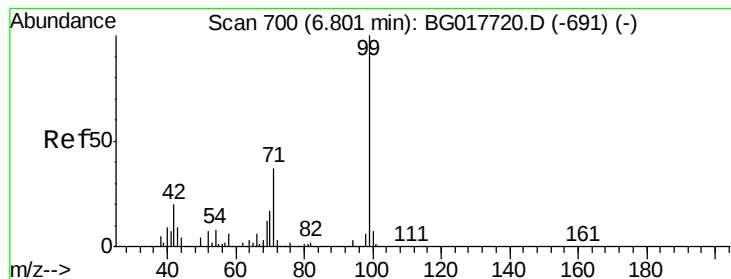


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.59 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017750.D

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ClientSampleId :

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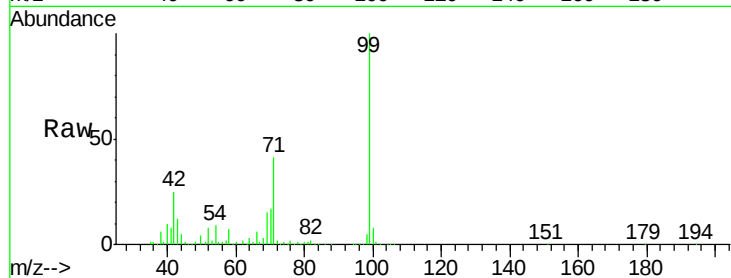
Tgt Ion: 99 Resp: 745274

Ion Ratio Lower Upper

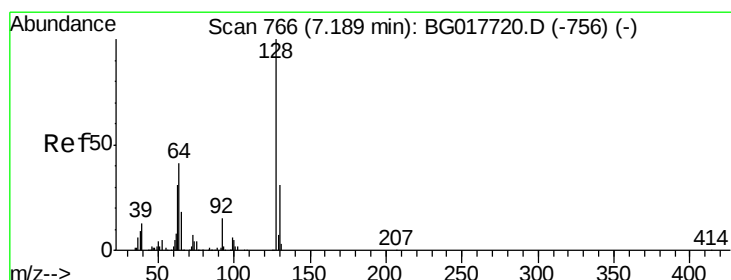
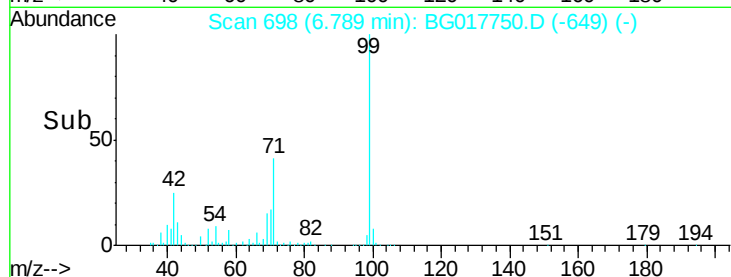
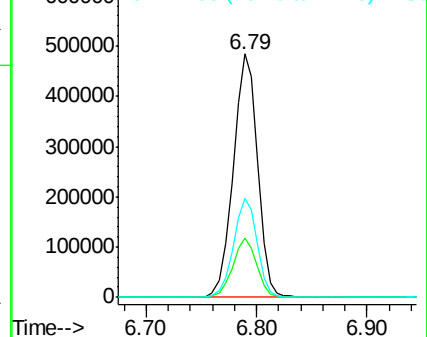
99 100

42 24.6 16.2 24.4#

71 40.6 29.5 44.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 6.31 ng

RT: 7.18 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

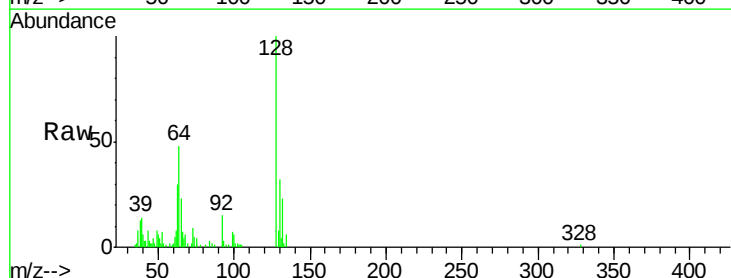
Tgt Ion: 128 Resp: 33079

Ion Ratio Lower Upper

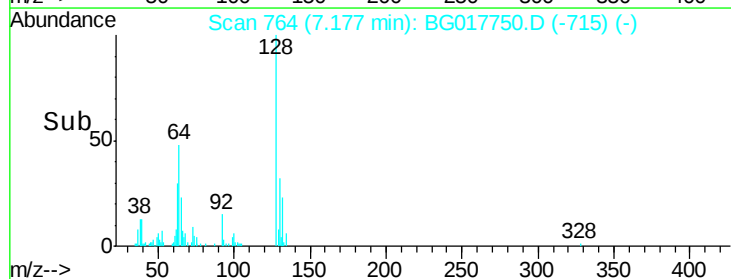
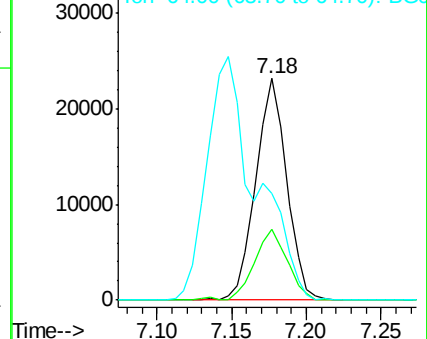
128 100

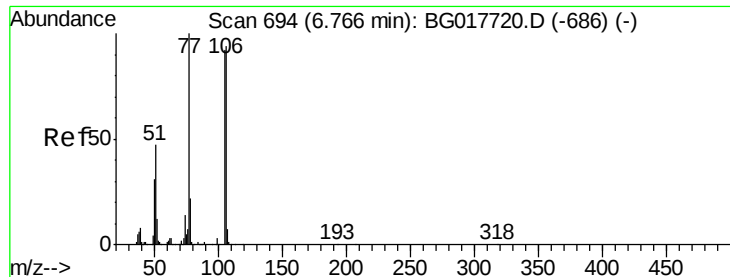
130 32.2 11.1 51.1

64 48.2 21.4 61.4



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





#9

Benzaldehyde

Concen: 8.73 ng

RT: 6.76 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG017750.D

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LOD-SOIL2015-01

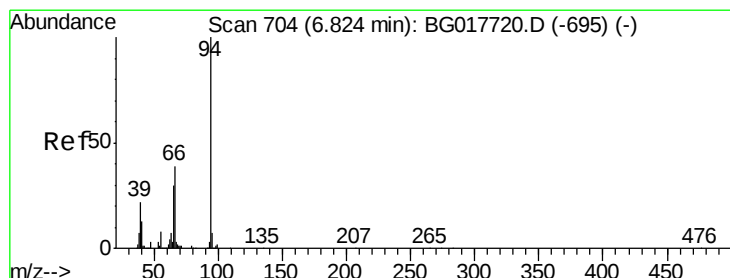
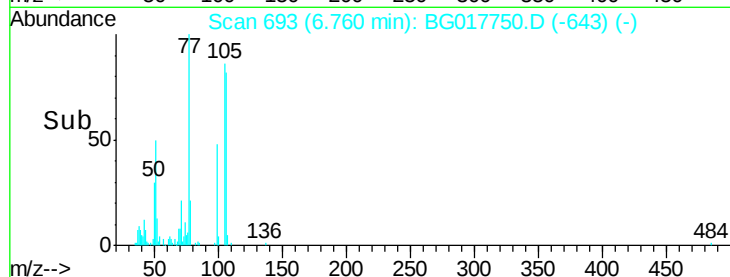
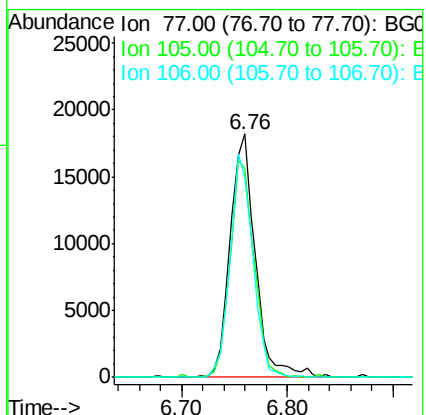
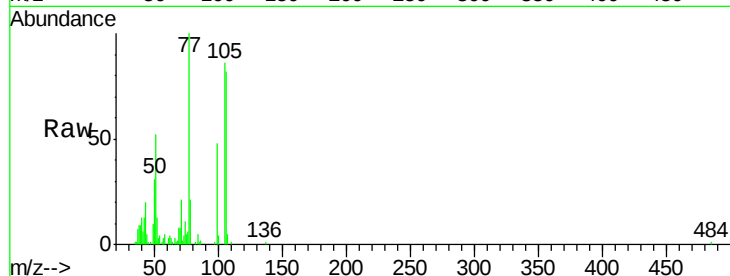
Tgt Ion: 77 Resp: 29789

Ion Ratio Lower Upper

77 100

105 85.9 71.8 111.8

106 82.1 74.5 114.5



#10

Phenol

Concen: 6.64 ng

RT: 6.81 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

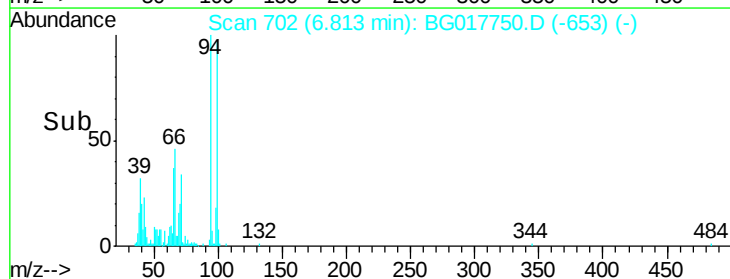
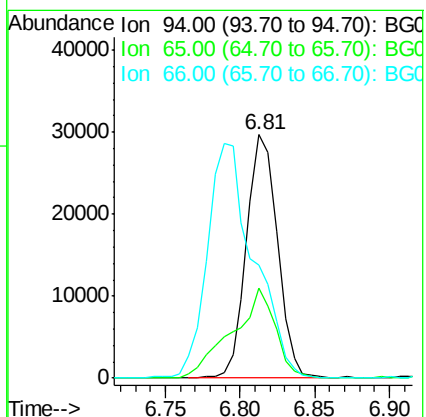
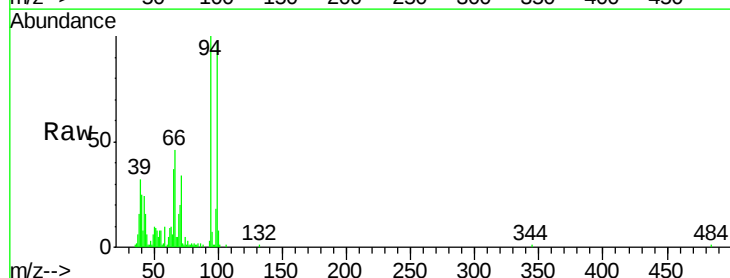
Tgt Ion: 94 Resp: 42594

Ion Ratio Lower Upper

94 100

65 37.1 9.9 49.9

66 46.3 19.4 59.4

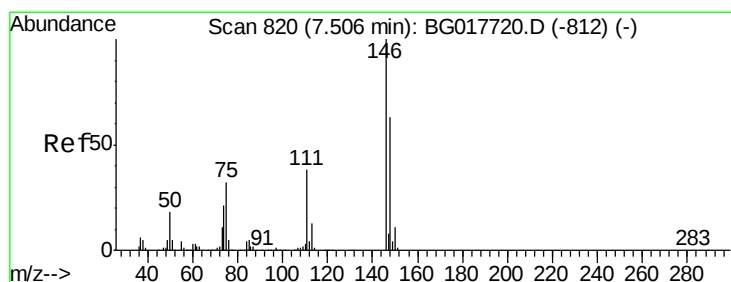
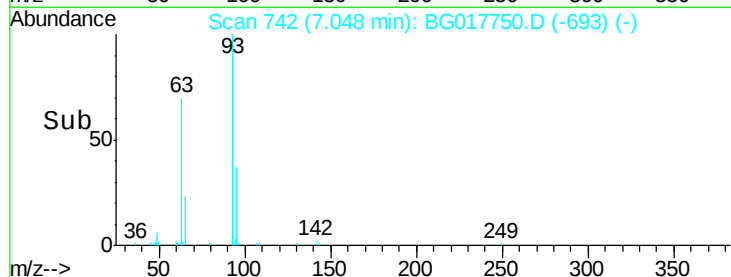
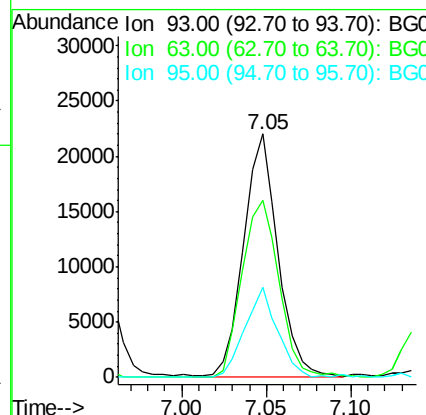
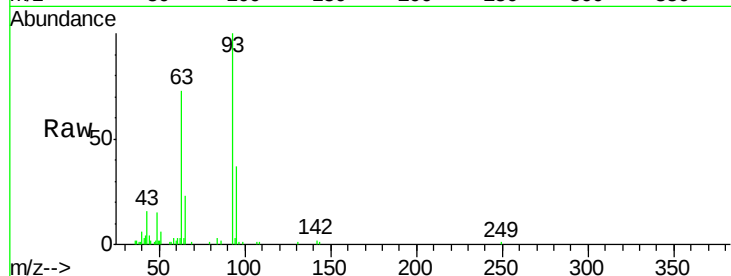




#11
 bis(2-Chloroethyl)ether
 Concen: 6.45 ng
 RT: 7.05 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

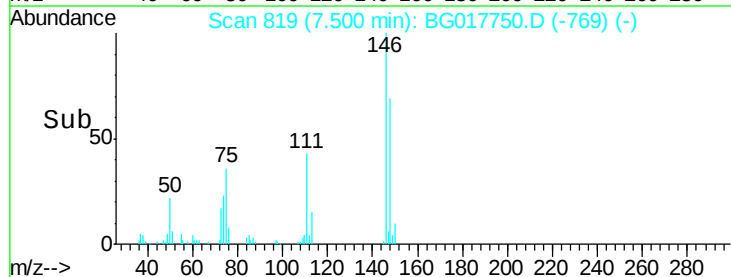
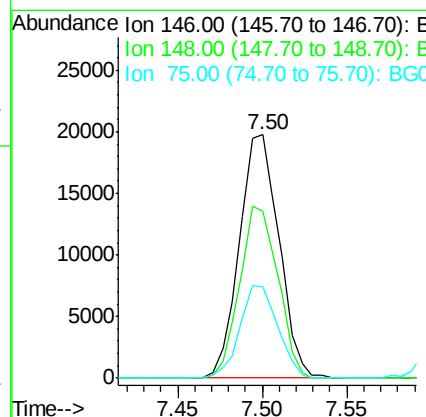
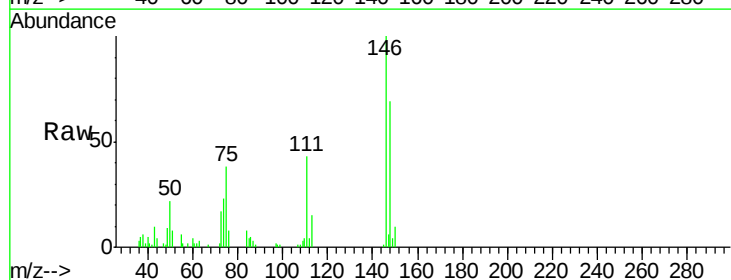
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

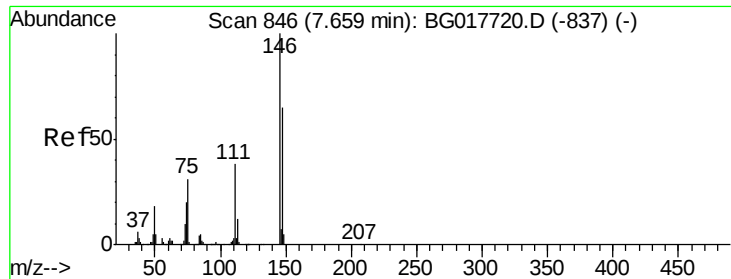
Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.0	54.7	94.7
95	36.9	13.2	53.2



#12
 1,3-Dichlorobenzene
 Concen: 5.54 ng
 RT: 7.50 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	50.8	76.2
75	37.5	25.8	38.6

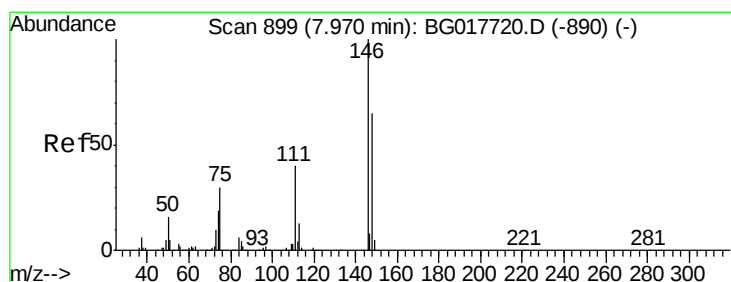
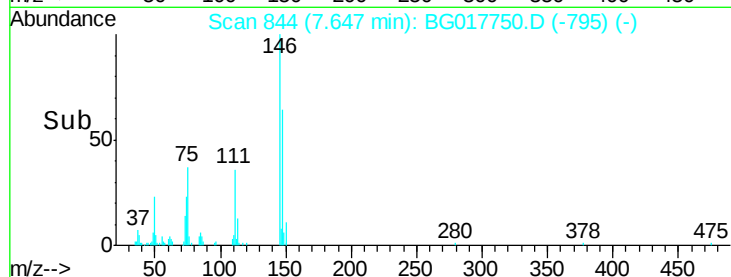
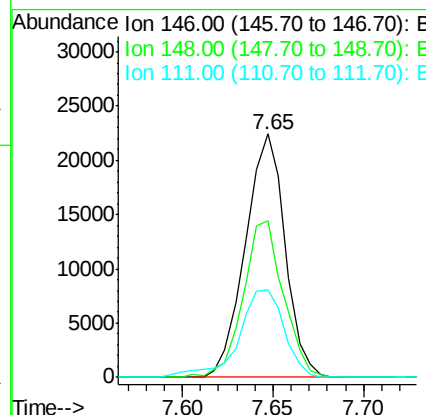
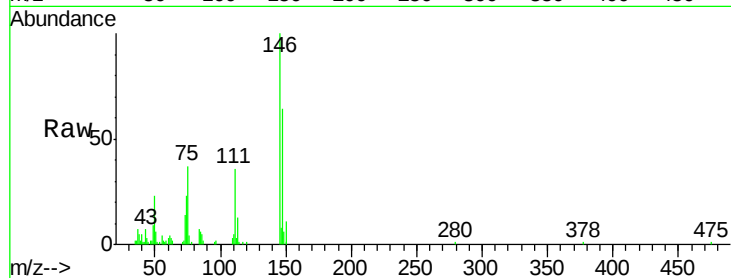




#13
 1,4-Dichlorobenzene
 Concen: 5.65 ng
 RT: 7.65 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

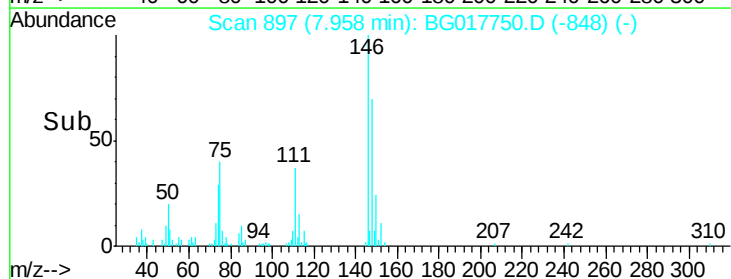
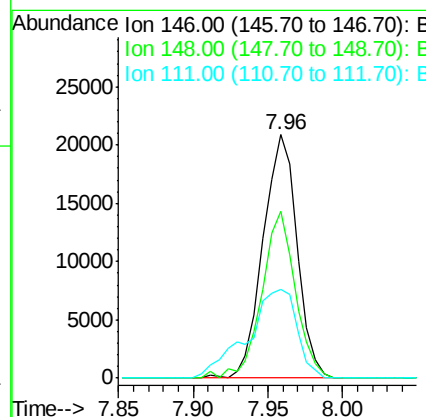
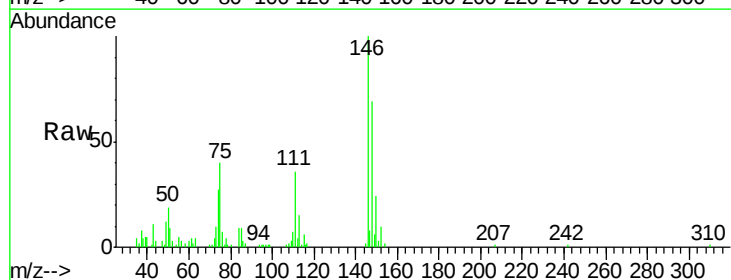
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

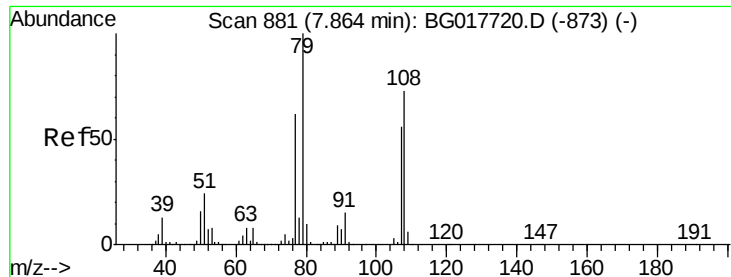
Tgt Ion:146 Resp: 34045
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 35.8 31.0 46.4



#14
 1,2-Dichlorobenzene
 Concen: 5.76 ng
 RT: 7.96 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion:146 Resp: 32761
 Ion Ratio Lower Upper
 146 100
 148 68.7 52.2 78.4
 111 36.4 32.3 48.5





#15

Benzyl Alcohol

Concen: 5.88 ng

RT: 7.85 min Scan# 878

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

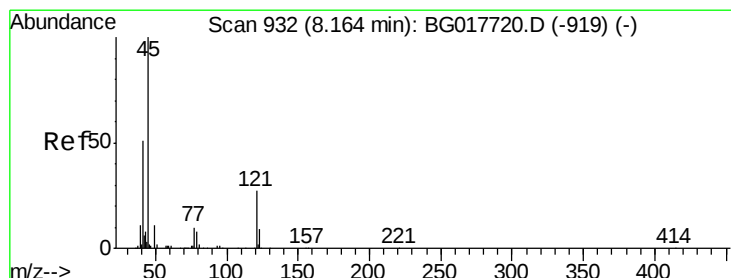
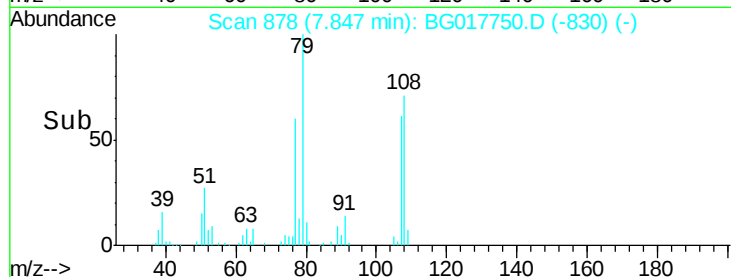
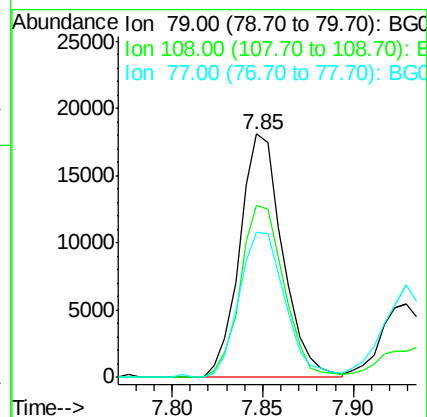
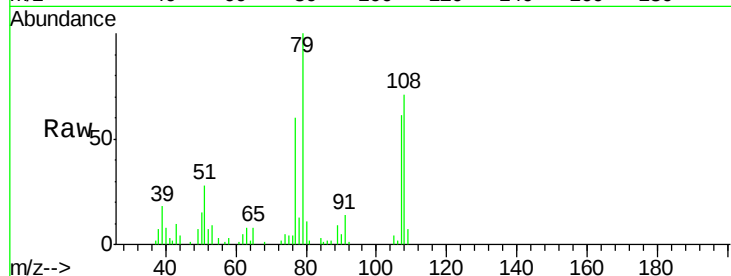
Tgt Ion: 79 Resp: 29825

Ion Ratio Lower Upper

79 100

108 70.7 58.4 87.6

77 59.8 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 6.89 ng

RT: 8.15 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

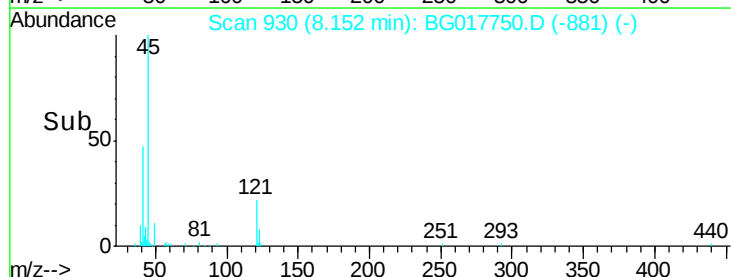
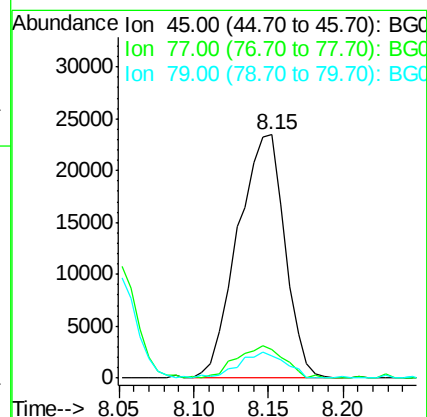
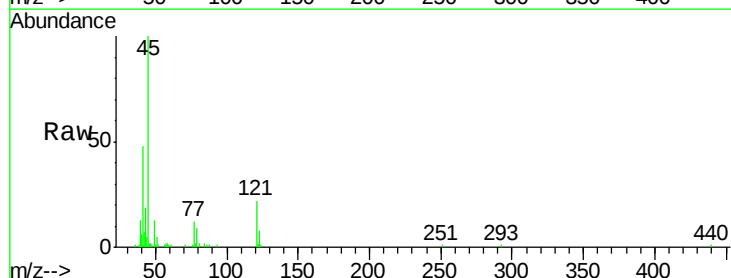
Tgt Ion: 45 Resp: 51195

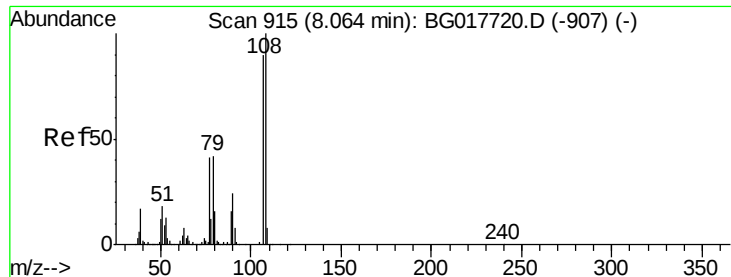
Ion Ratio Lower Upper

45 100

77 11.6 0.0 33.9

79 9.1 0.0 31.4





#17

2-Methylphenol

Concen: 6.01 ng

RT: 8.05 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:107 Resp: 28733

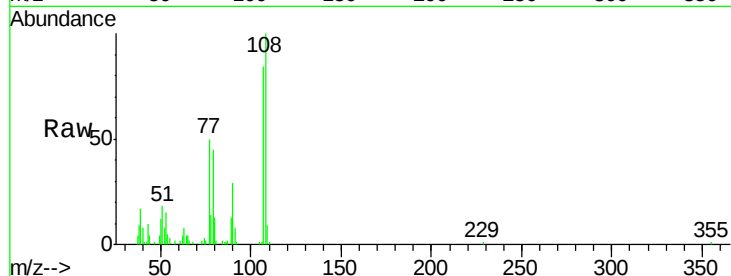
Ion Ratio Lower Upper

107 100

108 118.6 89.3 133.9

77 59.8 36.9 55.3#

79 53.7 37.6 56.4

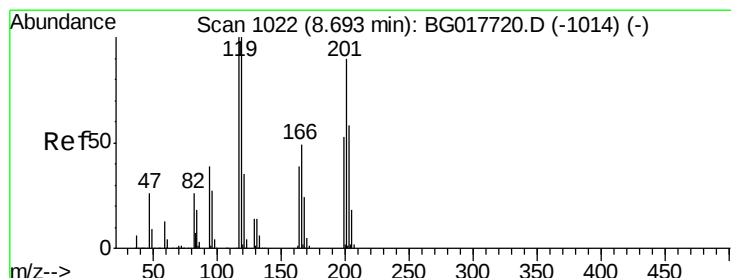
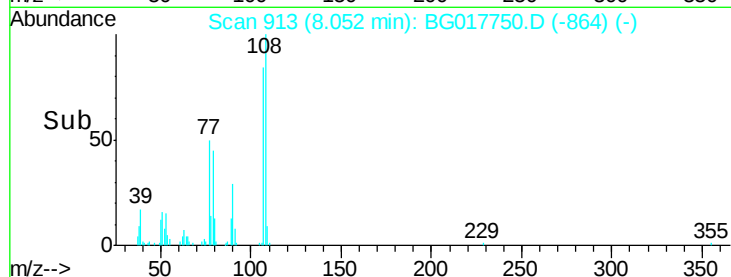
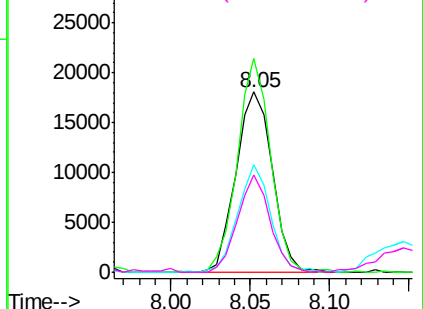


Abundance Ion 107.00 (106.70 to 107.70): E

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: 6.05 ng

RT: 8.68 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

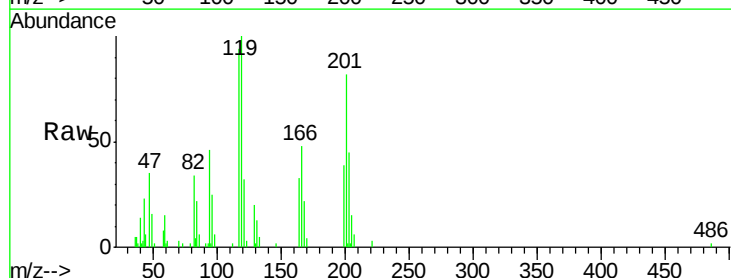
Tgt Ion:117 Resp: 13976

Ion Ratio Lower Upper

117 100

119 106.0 80.1 120.1

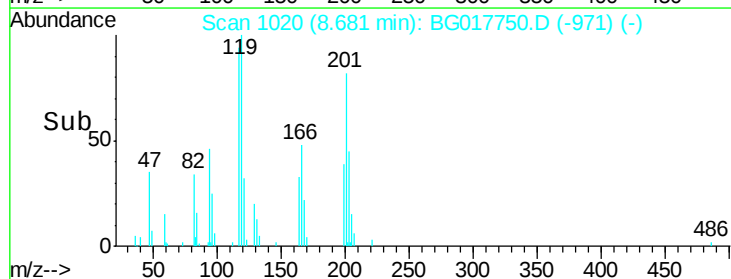
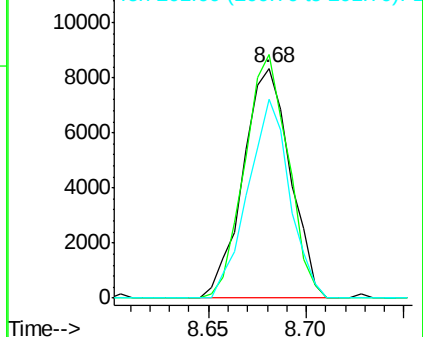
201 86.5 71.9 107.9

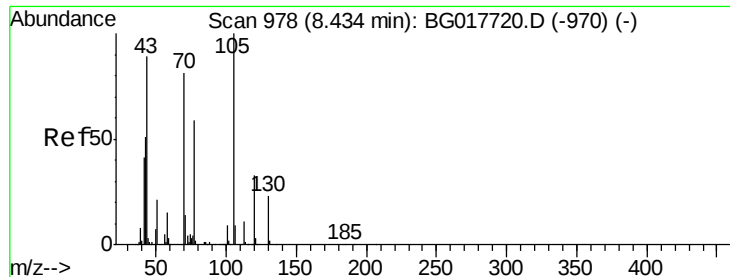


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

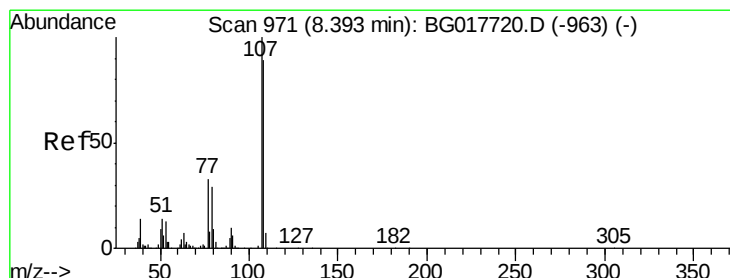
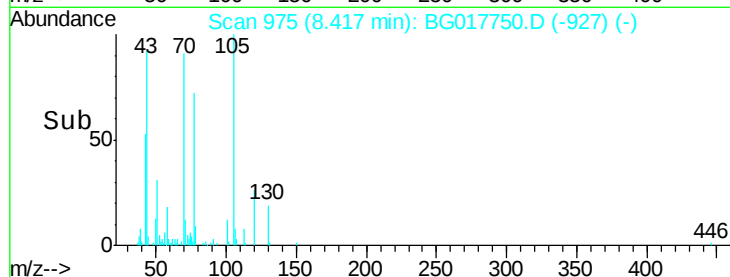
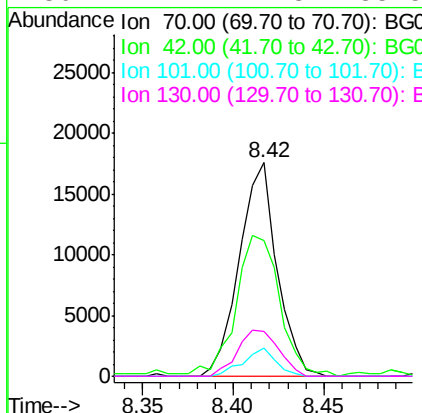
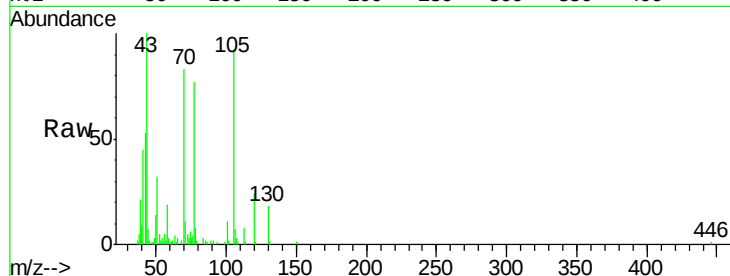




#19
n-Nitroso-di-n-propylamine
Concen: 5.14 ng
RT: 8.42 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

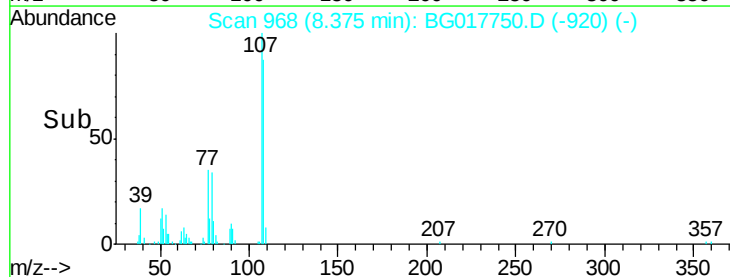
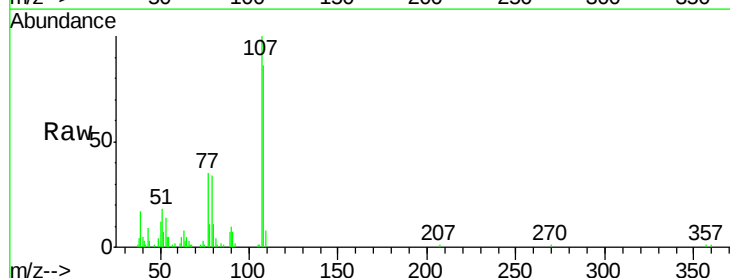
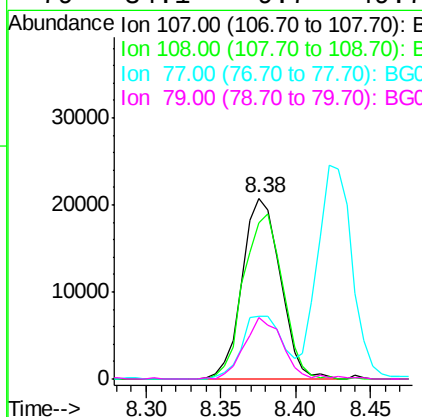
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

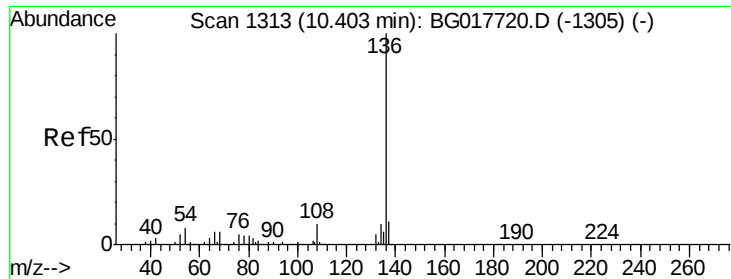
Tgt Ion: 70 Resp: 25473
Ion Ratio Lower Upper
70 100
42 63.7 50.8 76.2
101 13.2 8.7 13.1#
130 21.2 22.3 33.5#



#20
3+4-Methylphenols
Concen: 5.71 ng
RT: 8.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion: 107 Resp: 36789
Ion Ratio Lower Upper
107 100
108 86.3 69.6 109.6
77 34.9 13.0 53.0
79 34.1 9.7 49.7

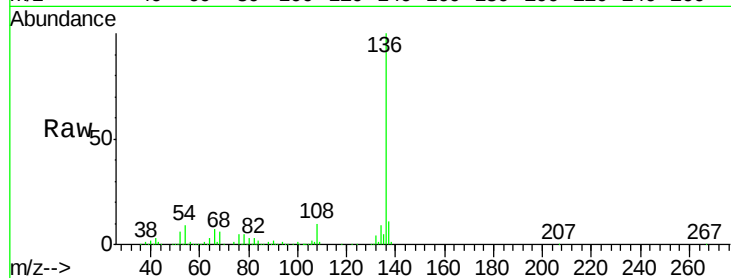




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	136	Resp:	332594
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.6	6.6	9.8
68	5.7	5.1	7.7



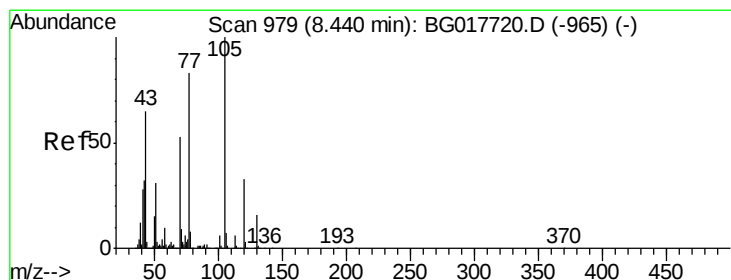
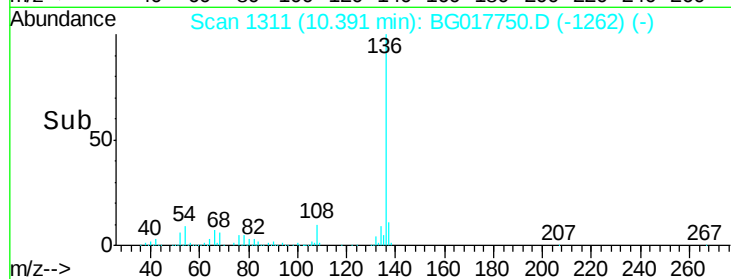
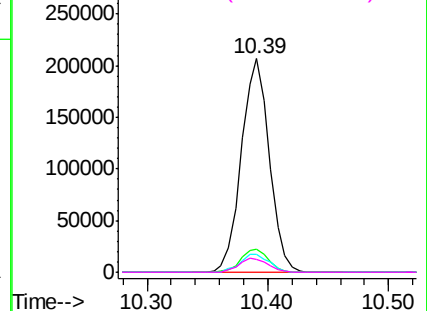
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

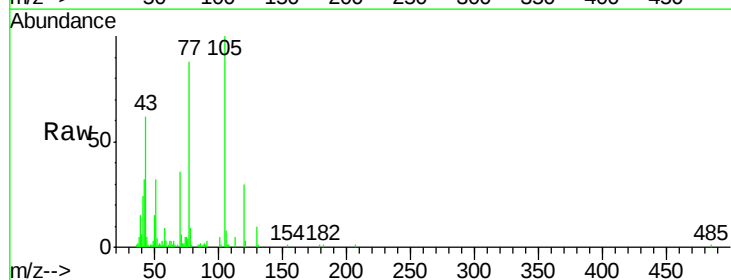
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 6.10 ng
RT: 8.42 min Scan# 976
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:	105	Resp:	46024
Ion	Ratio	Lower	Upper
105	100		
71	6.2	7.7	11.5#
51	31.9	24.9	37.3
120	29.7	26.2	39.4



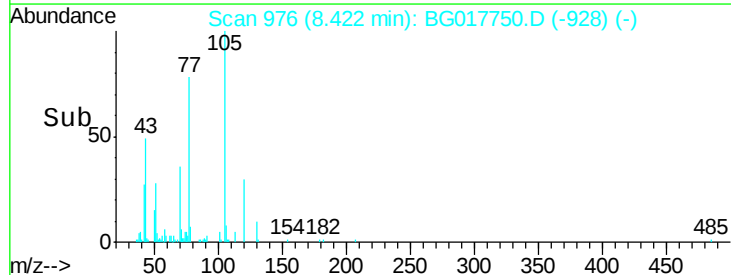
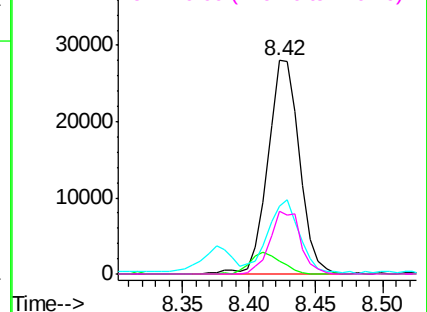
Abundance

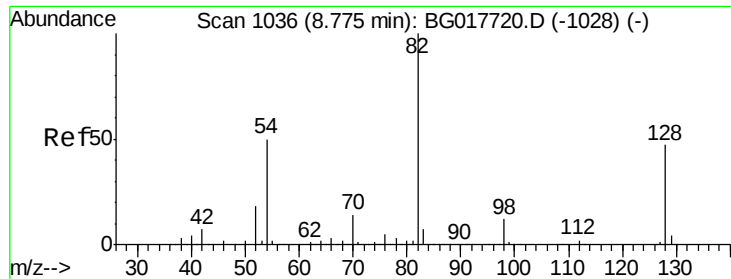
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

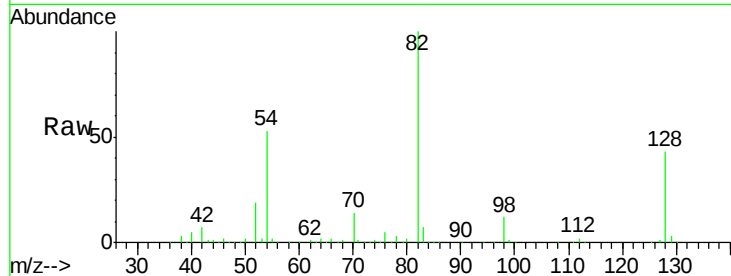




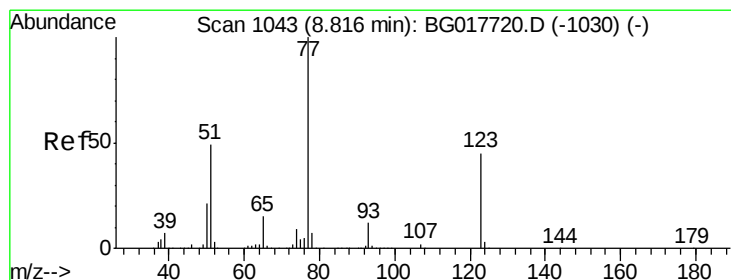
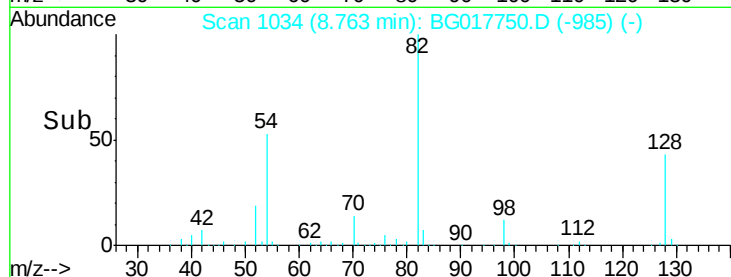
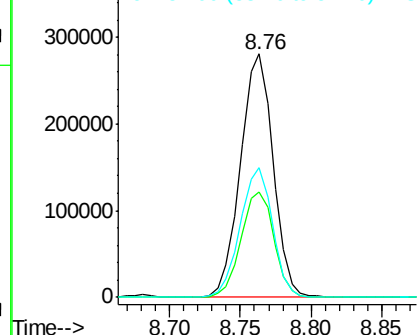
#23
 Nitrobenzene-d5
 Concen: 78.66 ng
 RT: 8.76 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion: 82 Resp: 454839
 Ion Ratio Lower Upper
 82 100
 128 43.4 37.8 56.6
 54 53.3 39.9 59.9

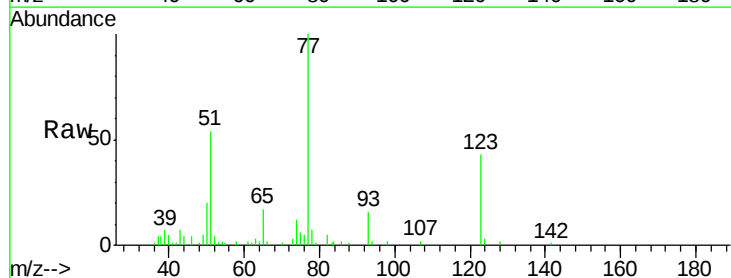


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

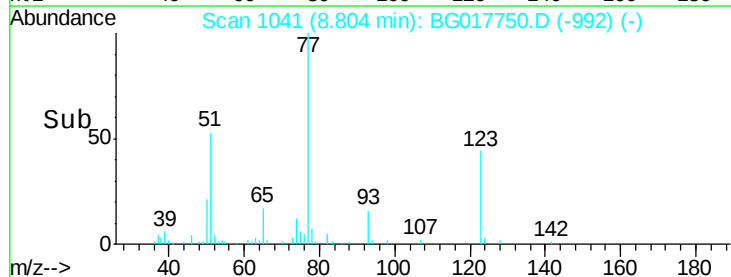
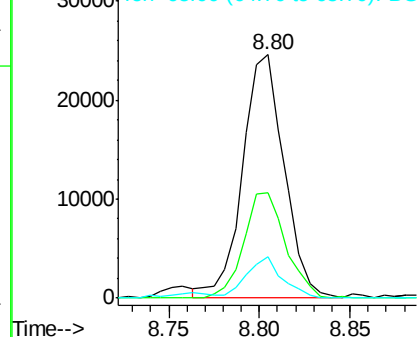


#24
 Nitrobenzene
 Concen: 6.35 ng
 RT: 8.80 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion: 77 Resp: 39433
 Ion Ratio Lower Upper
 77 100
 123 43.3 36.2 54.2
 65 16.8 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

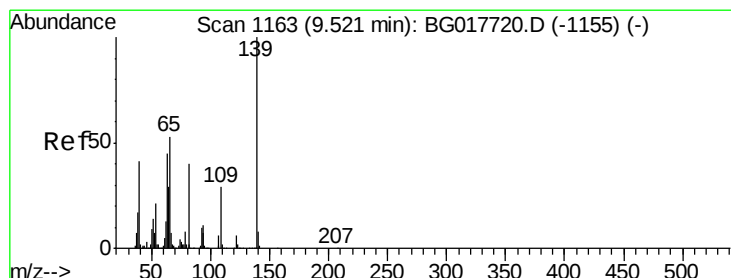
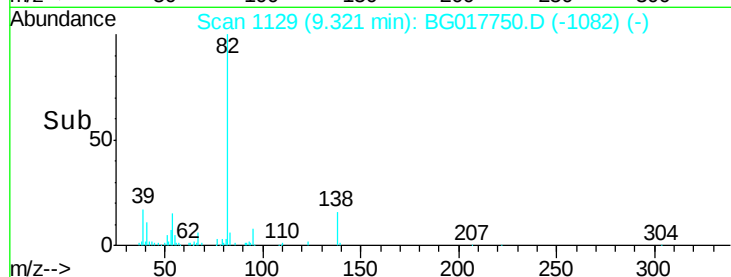
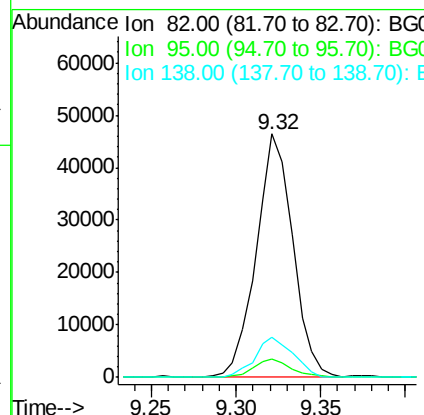
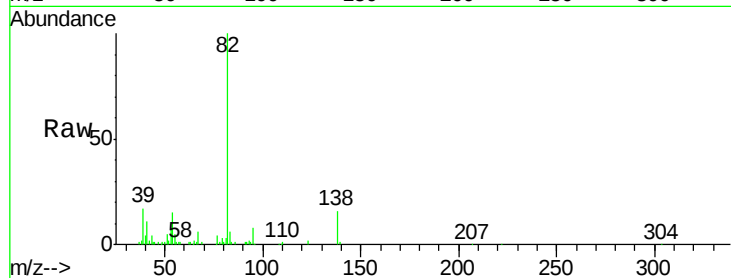




#25
Isophorone
Concen: 5.44 ng
RT: 9.32 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

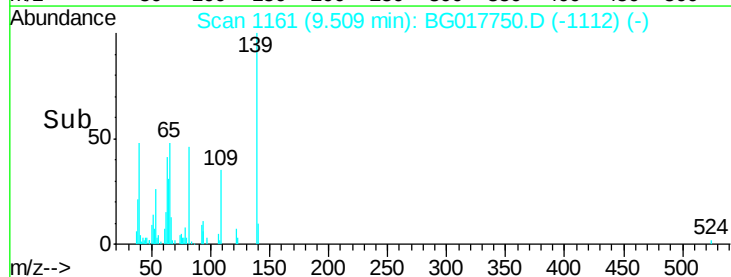
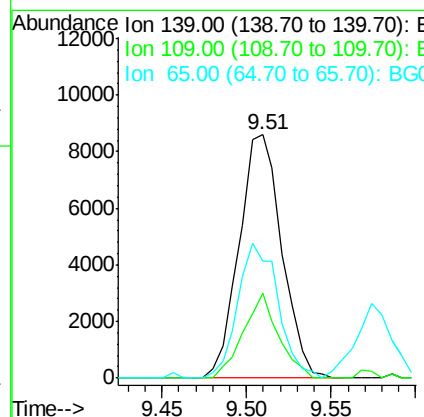
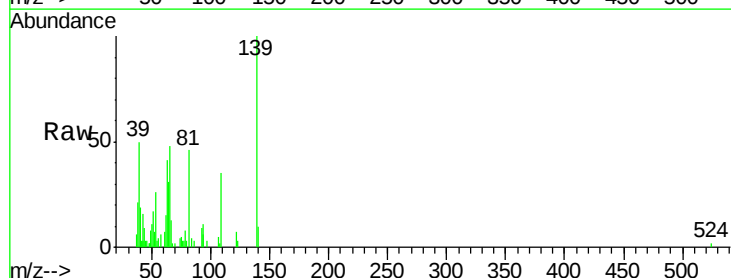
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

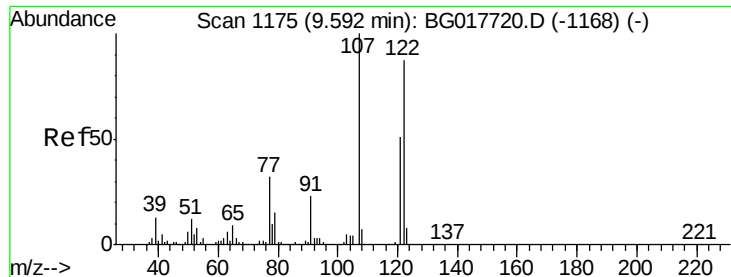
Tgt Ion: 82 Resp: 70009
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 16.3 17.0 25.6#



#26
2-Nitrophenol
Concen: 5.32 ng
RT: 9.51 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion: 139 Resp: 15095
Ion Ratio Lower Upper
139 100
109 35.0 23.0 34.4#
65 48.0 42.0 63.0

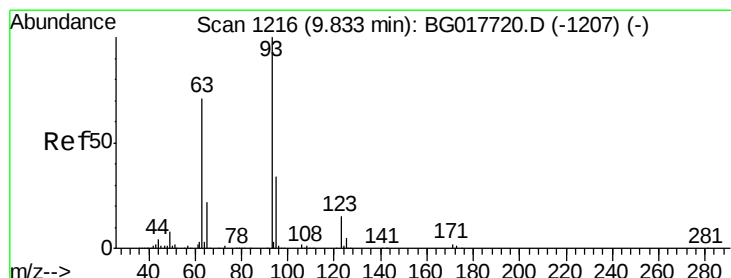
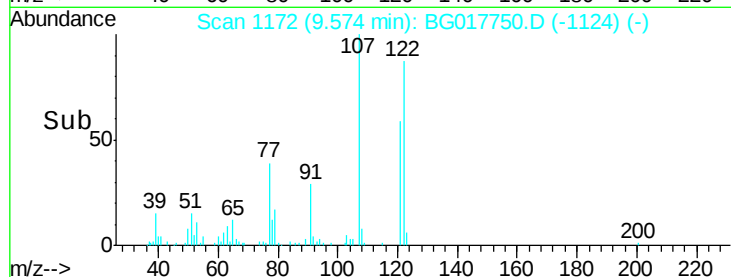
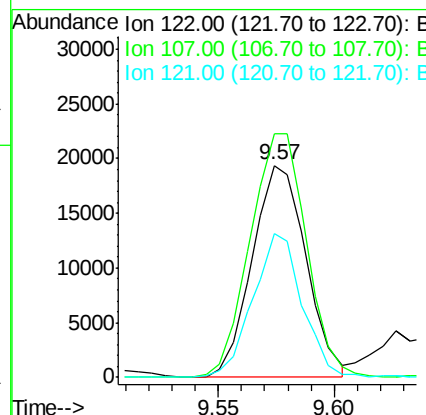
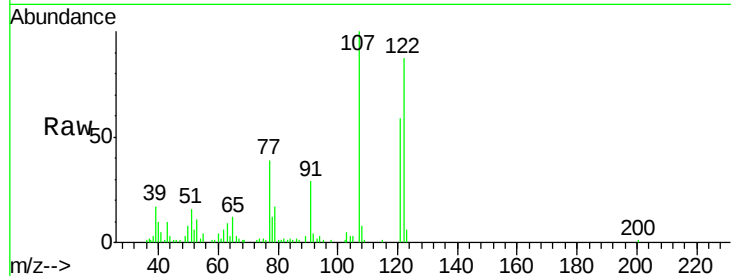




#27
 2,4-Dimethylphenol
 Concen: 5.86 ng
 RT: 9.57 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

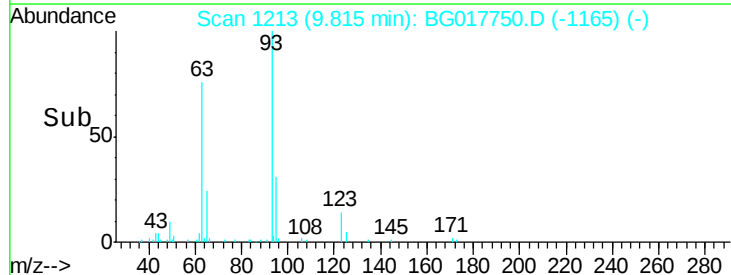
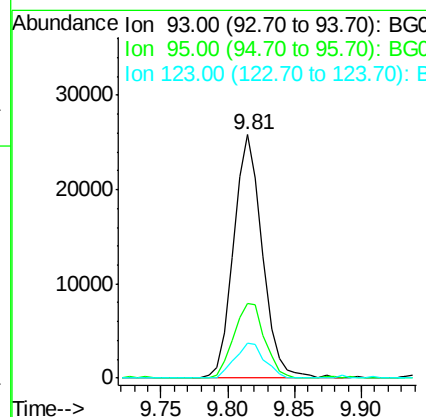
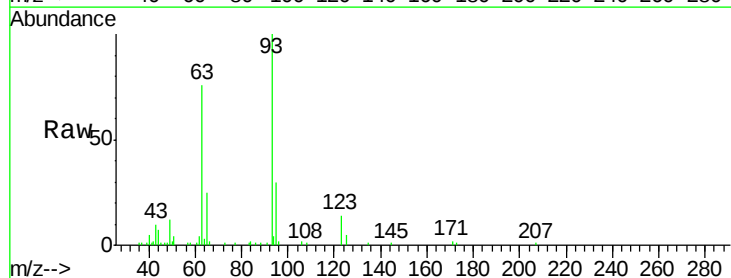
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

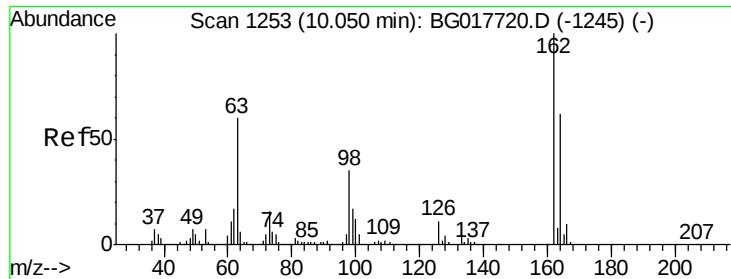
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.8	92.2	138.2
121	67.7	46.5	69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.97 ng
 RT: 9.81 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	26.9	40.3
123	14.2	12.0	18.0

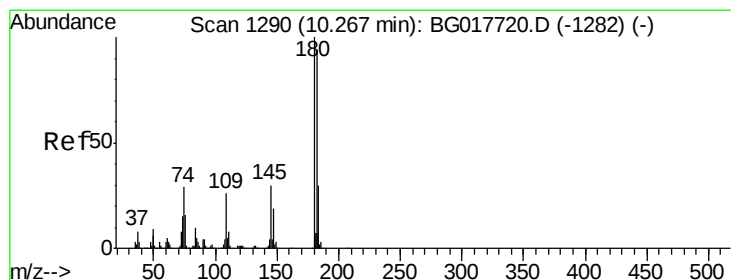
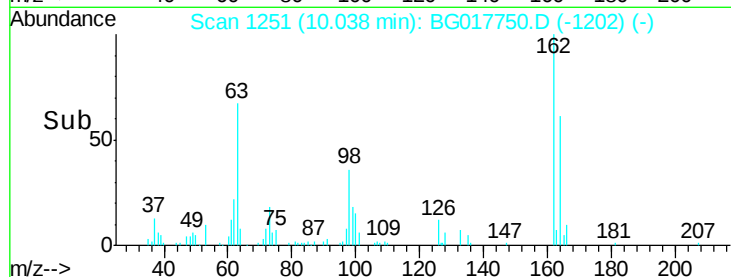
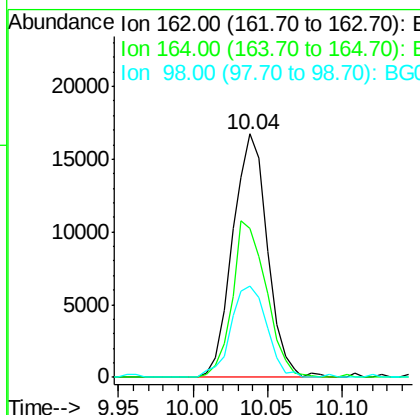
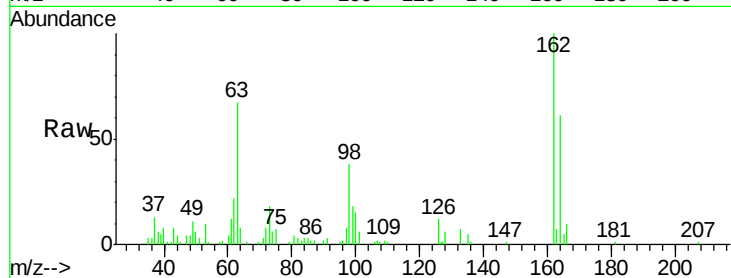




#29
2,4-Dichlorophenol
Concen: 5.73 ng
RT: 10.04 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

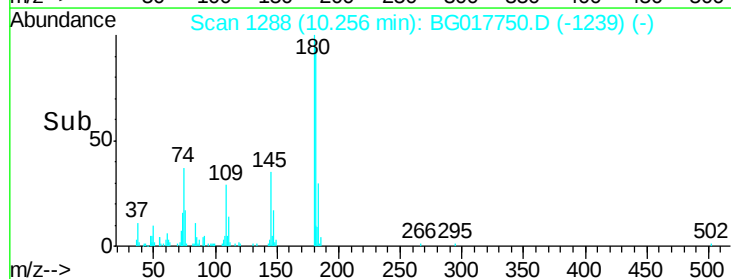
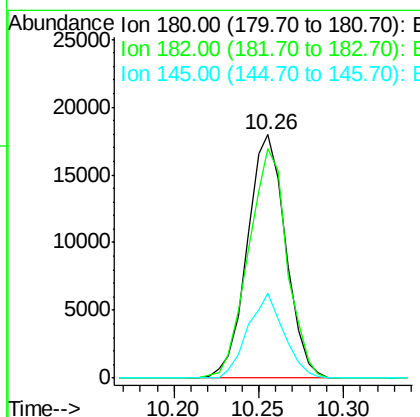
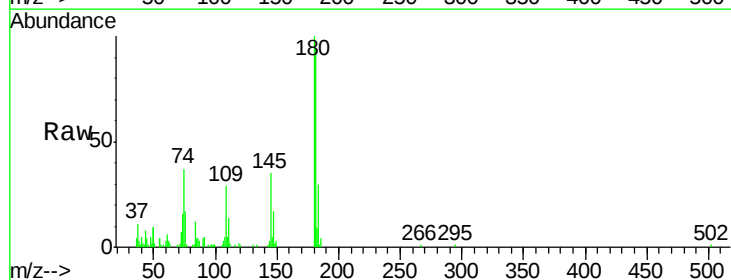
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.2	42.5	82.5
98	37.5	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 5.32 ng
RT: 10.26 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.2	112.8
145	34.7	24.1	36.1

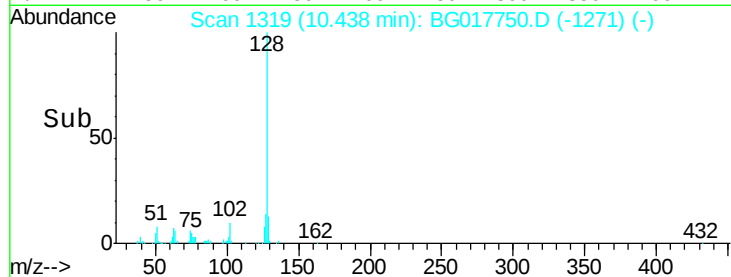
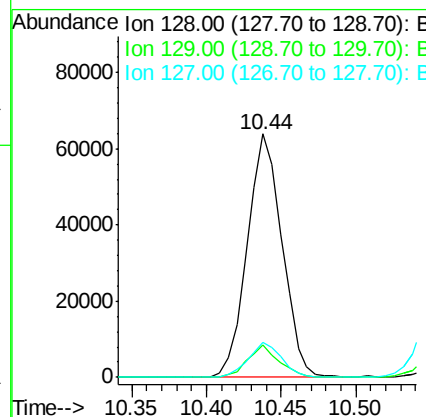
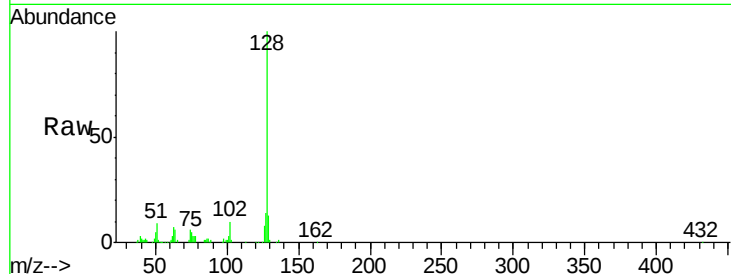




#31
Naphthalene
Concen: 5.71 ng
RT: 10.44 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

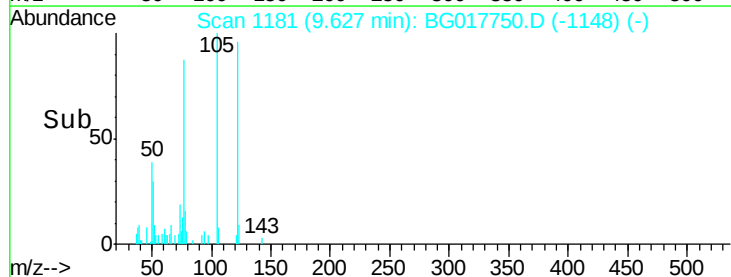
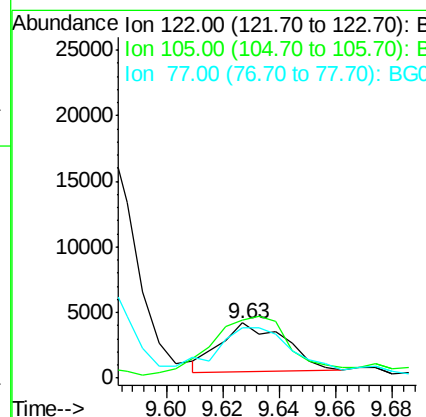
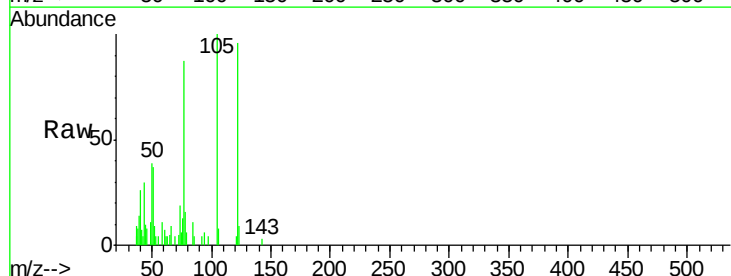
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

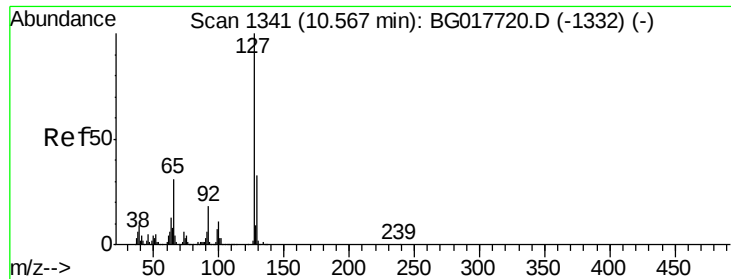
Tgt Ion:128 Resp: 102683
Ion Ratio Lower Upper
128 100
129 13.1 9.0 13.6
127 14.5 10.7 16.1



#32
Benzoic acid
Concen: 9.46 ng
RT: 9.63 min Scan# 1181
Delta R.T. -0.11 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:122 Resp: 5950
Ion Ratio Lower Upper
122 100
105 104.1 111.3 151.3#
77 90.6 75.2 115.2

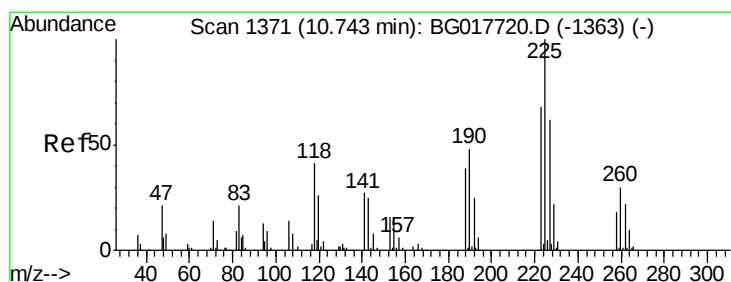
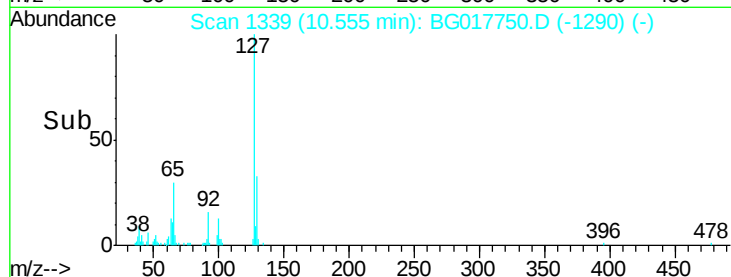
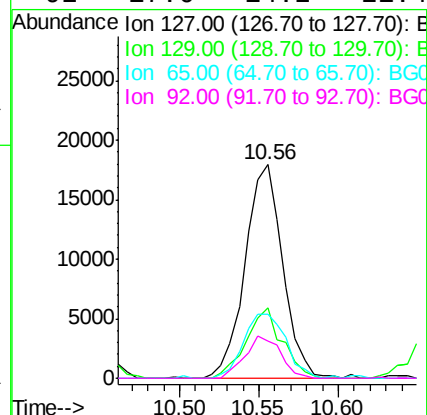
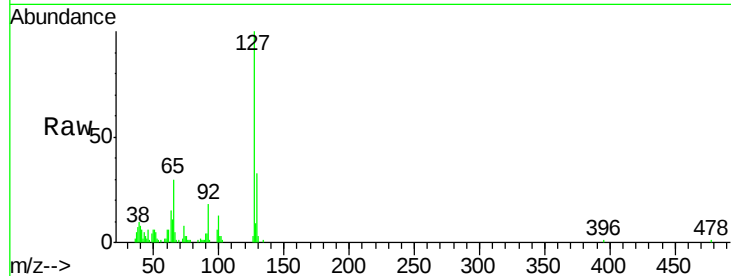




#33
4-Chloroaniline
Concen: 3.75 ng
RT: 10.56 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

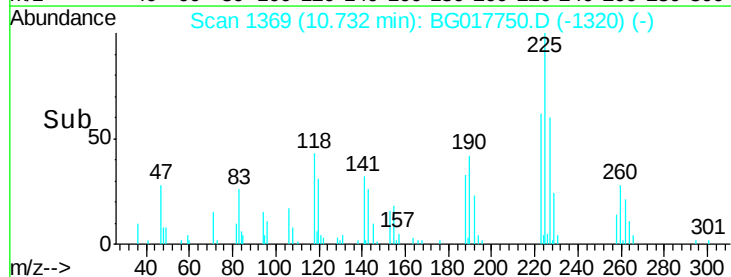
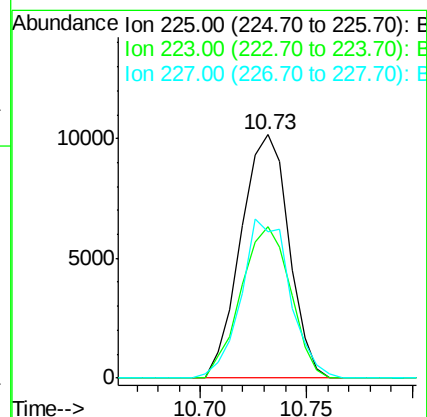
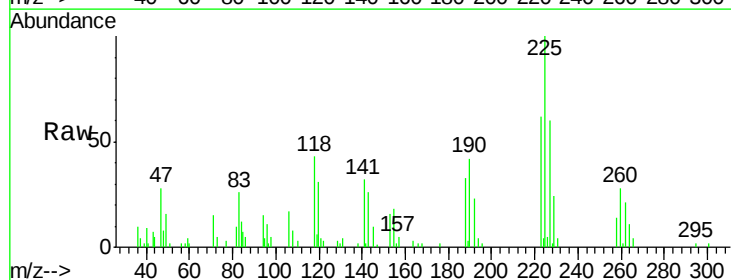
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

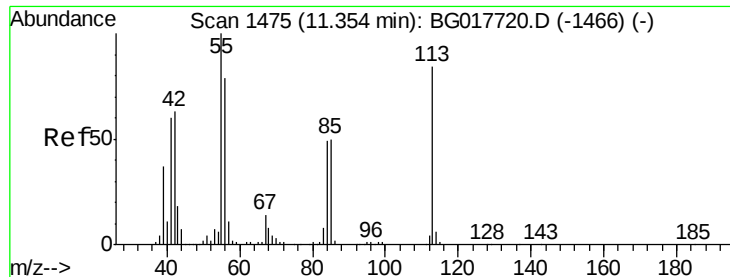
Tgt Ion:	127	Resp:	29534
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.7	40.1
65	29.9	24.6	37.0
92	17.6	14.2	21.4



#34
Hexachlorobutadiene
Concen: 5.26 ng
RT: 10.73 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:	225	Resp:	15992
Ion	Ratio	Lower	Upper
225	100		
223	62.4	54.3	81.5
227	60.0	49.4	74.0

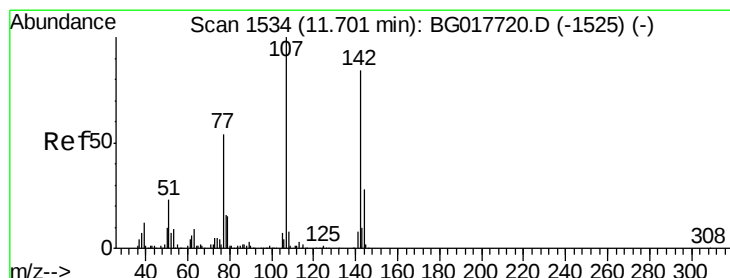
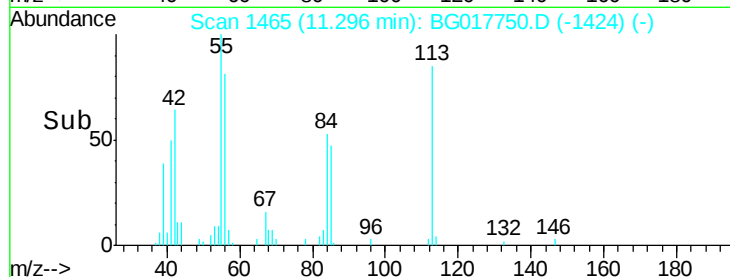
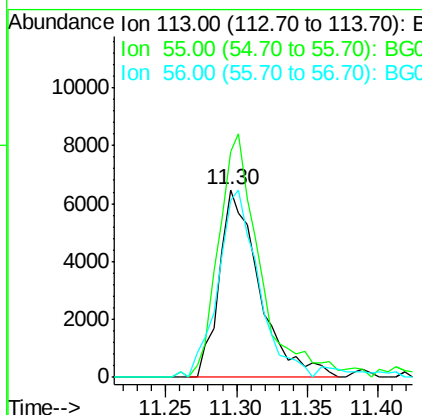
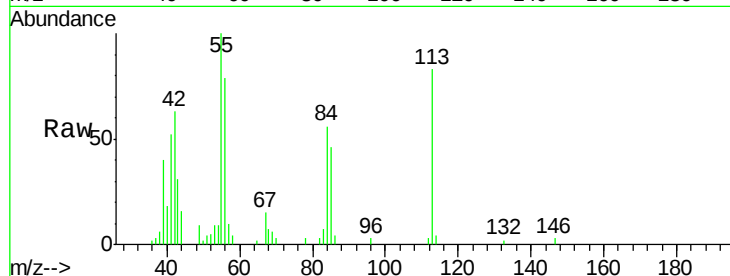




#35
 Caprolactam
 Concen: 4.87 ng
 RT: 11.30 min Scan# 1465
 Delta R.T. -0.06 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

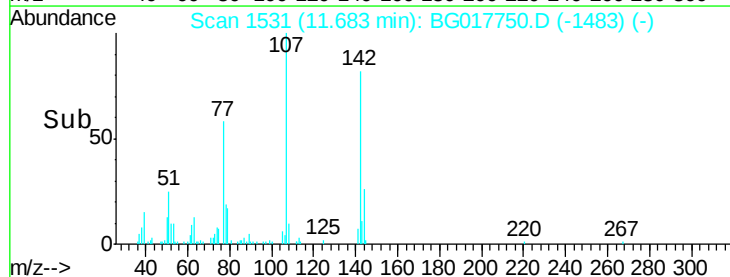
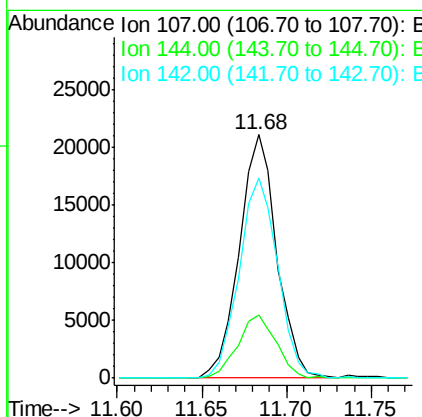
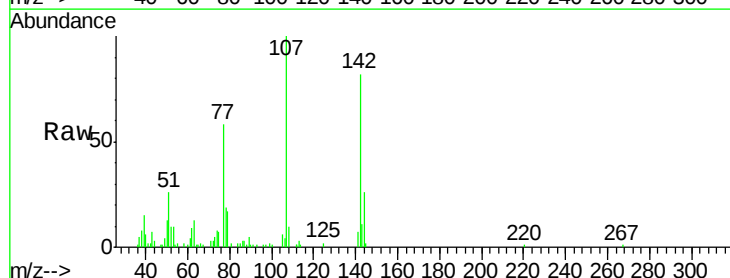
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

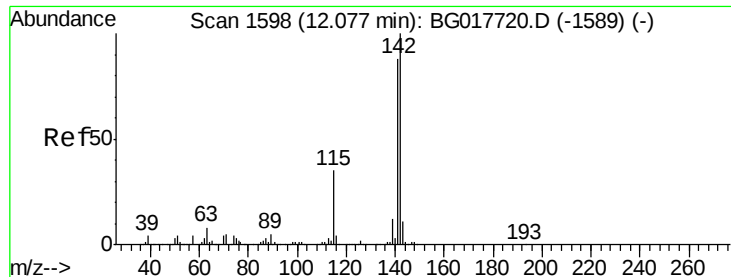
Tgt Ion:113 Resp: 12803
 Ion Ratio Lower Upper
 113 100
 55 120.6 100.8 140.8
 56 94.8 75.5 115.5



#36
 4-Chloro-3-methylphenol
 Concen: 5.56 ng
 RT: 11.68 min Scan# 1531
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion:107 Resp: 32551
 Ion Ratio Lower Upper
 107 100
 144 26.1 22.2 33.4
 142 82.1 67.1 100.7

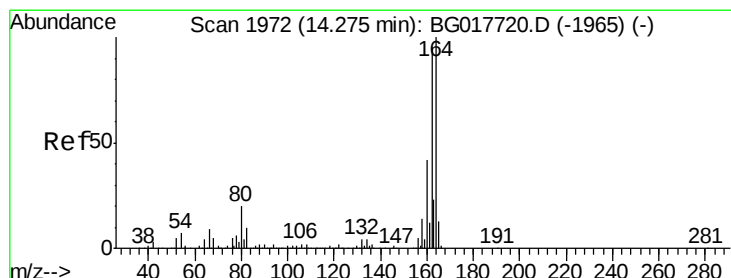
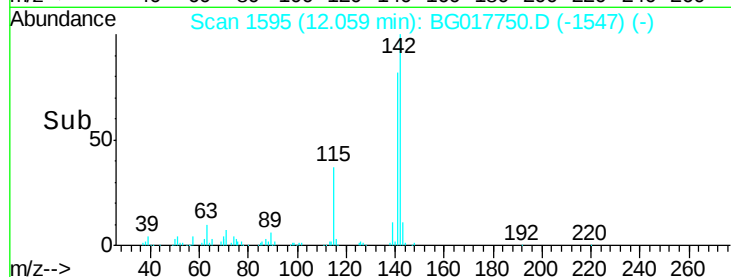
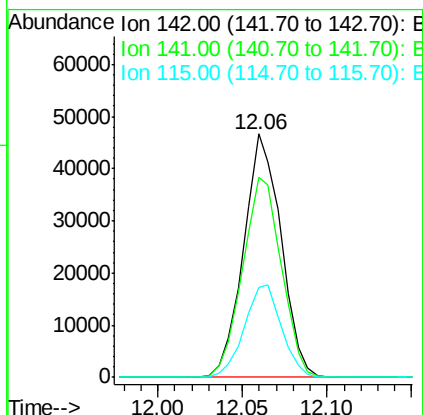
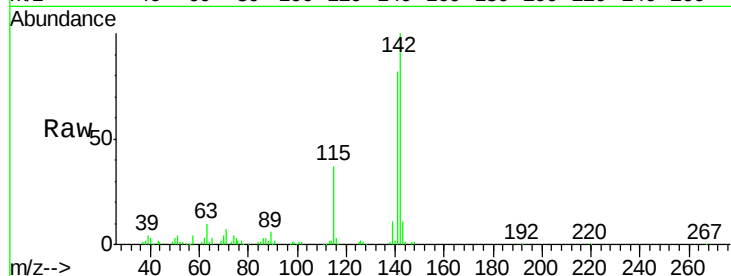




#37
2-Methylnaphthalene
Concen: 5.56 ng
RT: 12.06 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

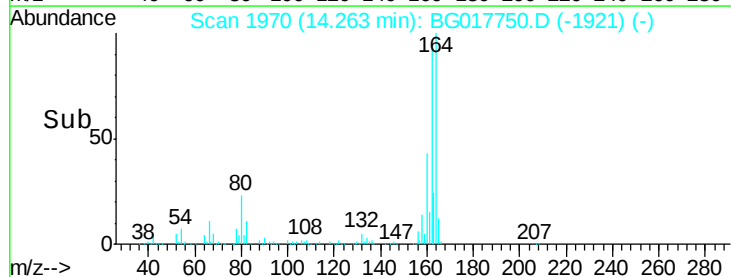
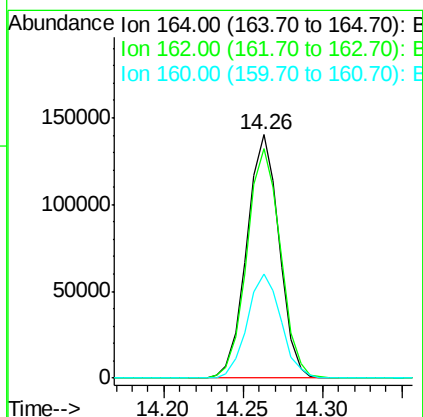
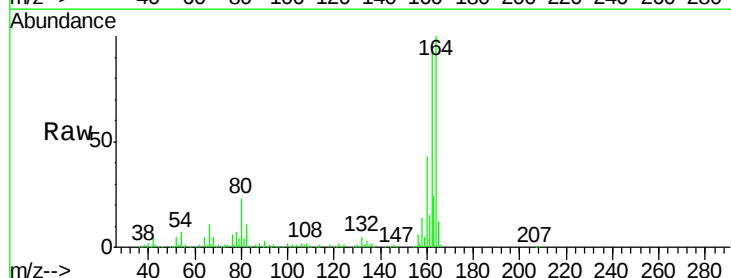
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:142 Resp: 71973
Ion Ratio Lower Upper
142 100
141 82.2 70.7 106.1
115 36.8 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: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:164 Resp: 199332
Ion Ratio Lower Upper
164 100
162 94.3 76.3 114.5
160 42.6 33.7 50.5

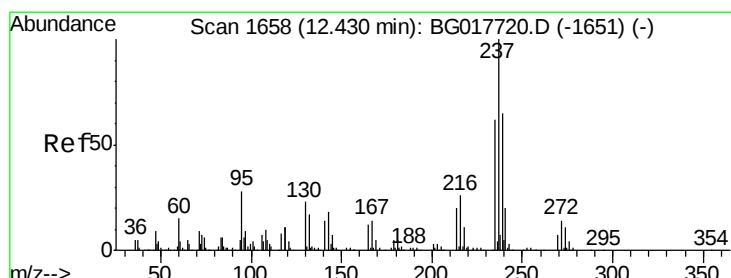
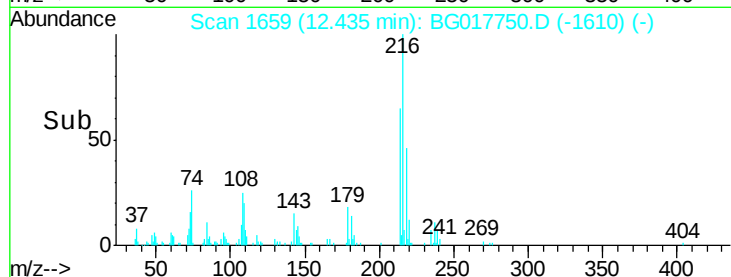
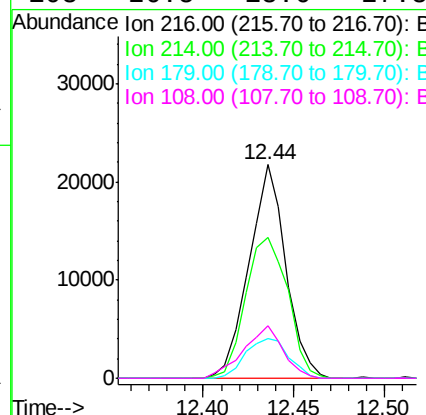
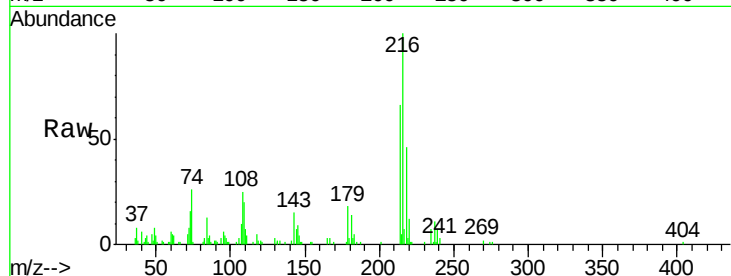




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.74 ng
 RT: 12.44 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

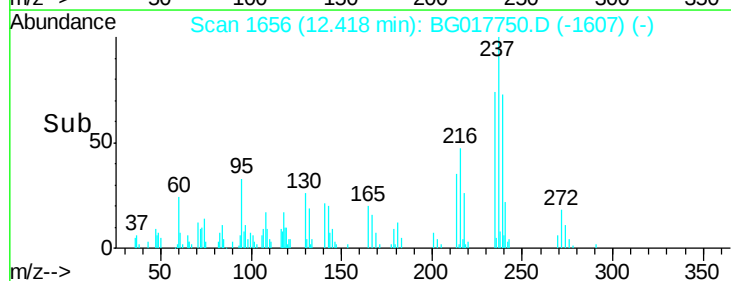
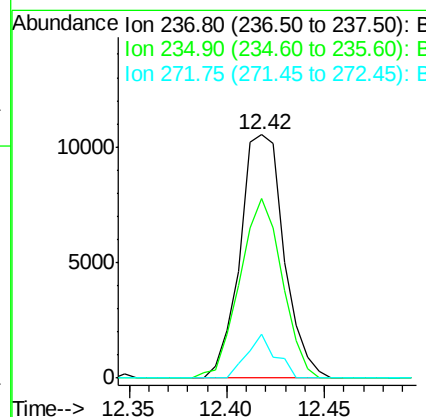
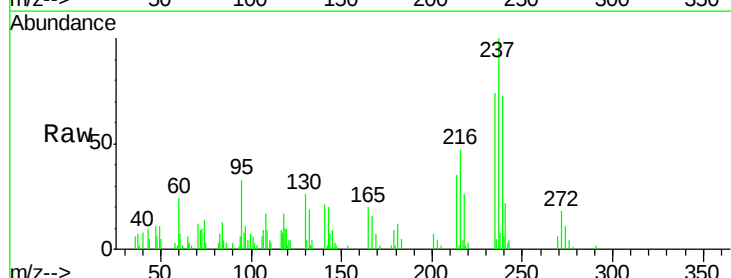
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

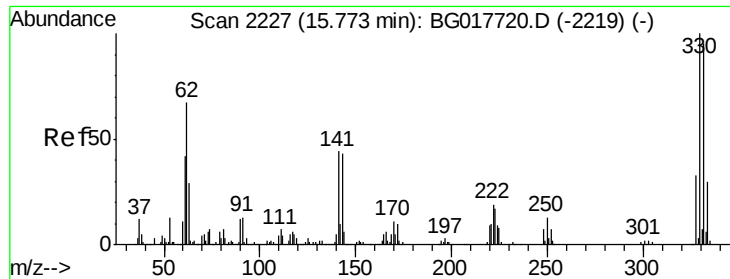
Tgt Ion:	216	Resp:	30691
Ion	Ratio	Lower	Upper
216	100		
214	75.5	64.5	96.7
179	21.6	16.7	25.1
108	26.5	18.6	27.8



#40
 Hexachlorocyclopentadiene
 Concen: 4.57 ng
 RT: 12.42 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion:	237	Resp:	16418
Ion	Ratio	Lower	Upper
237	100		
235	73.8	42.2	82.2
272	18.2	0.0	33.9

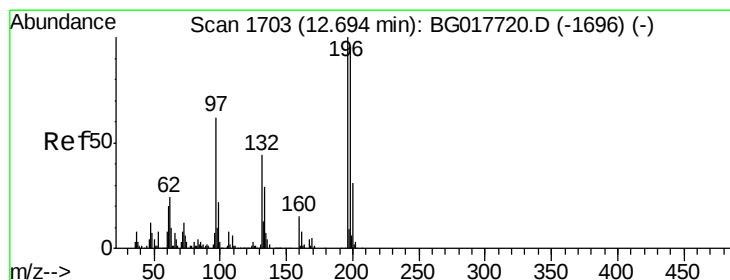
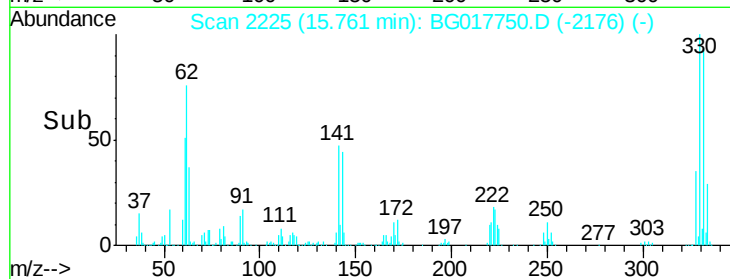
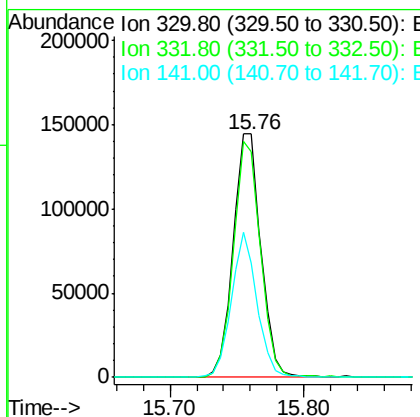
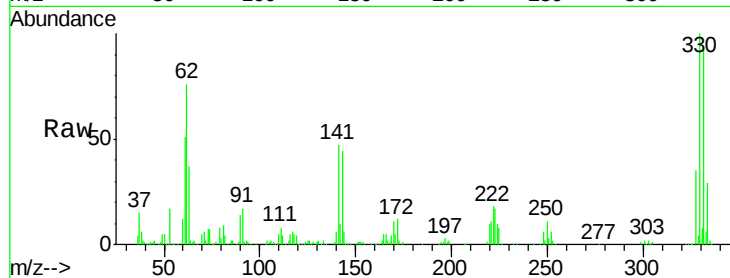




#41
 2,4,6-Tribromophenol
 Concen: 113.15 ng
 RT: 15.76 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

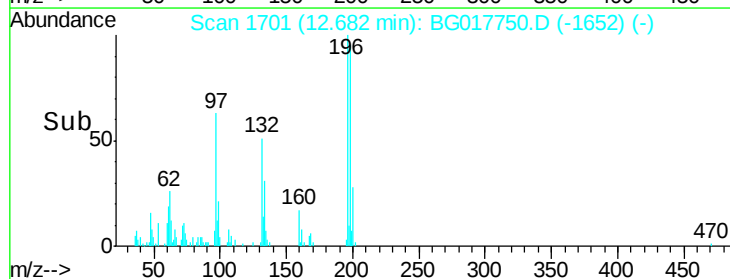
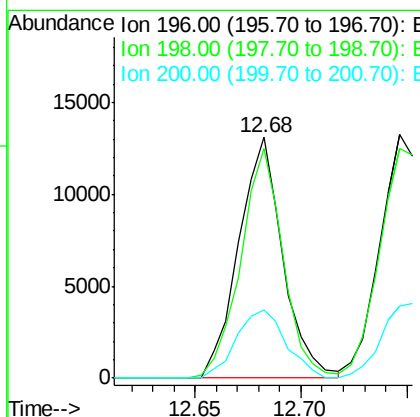
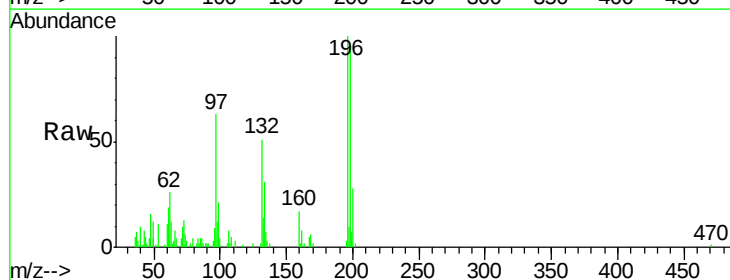
Instrument :
 BNA_G
 ClientSampleId :
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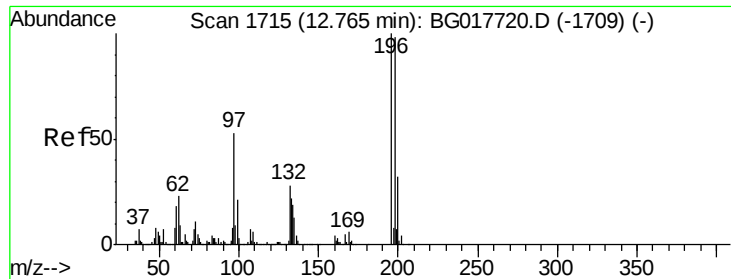
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.8	115.2
141	54.9	38.0	57.0



#42
 2,4,6-Trichlorophenol
 Concen: 5.24 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.2	114.4
200	28.1	24.6	36.8

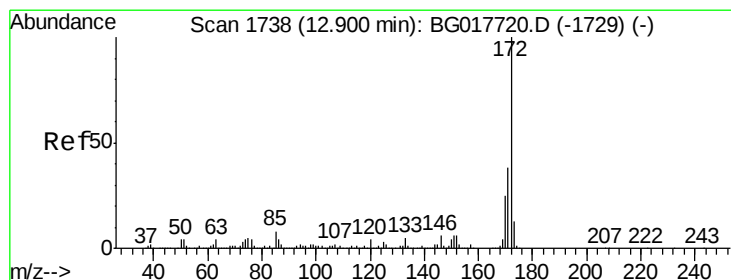
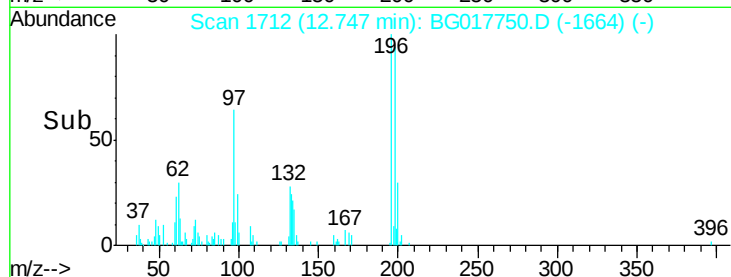
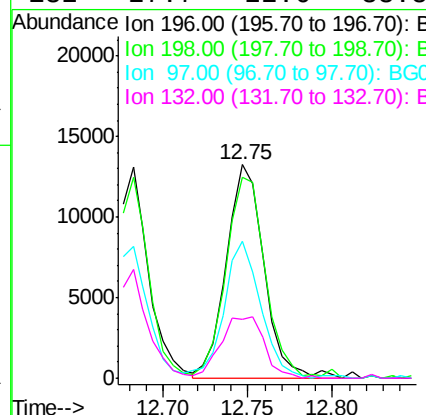
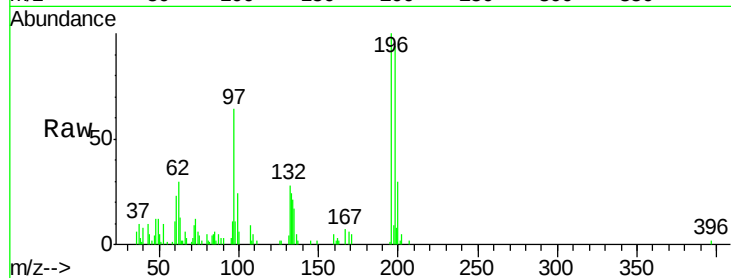




#43
2,4,5-Trichlorophenol
Concen: 5.24 ng
RT: 12.75 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

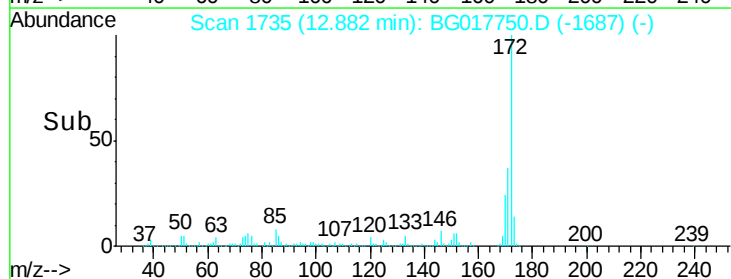
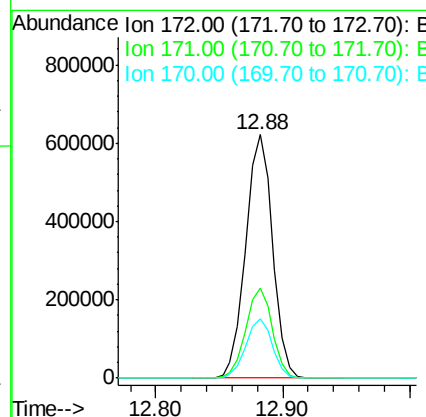
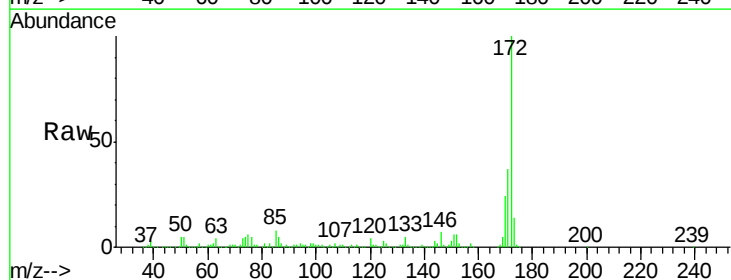
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

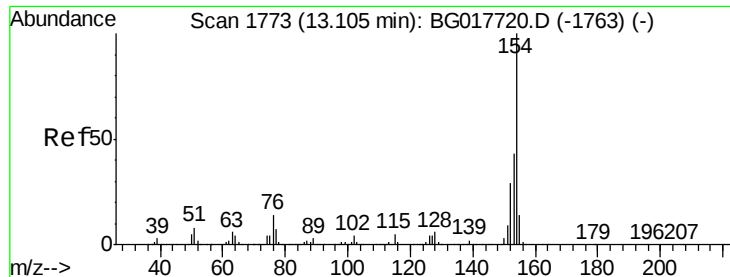
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	78.1	117.1
97	64.0	42.6	64.0#
132	27.7	22.6	33.8



#44
2-Fluorobiphenyl
Concen: 74.36 ng
RT: 12.88 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.7	46.1
170	24.4	19.7	29.5

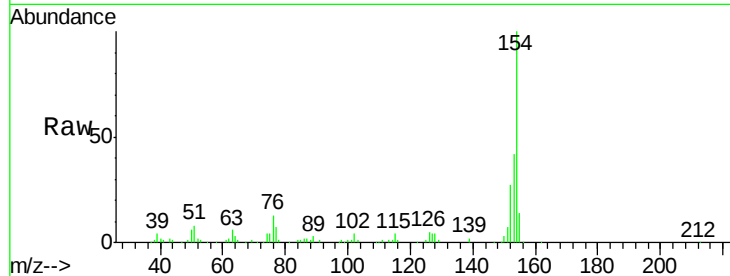




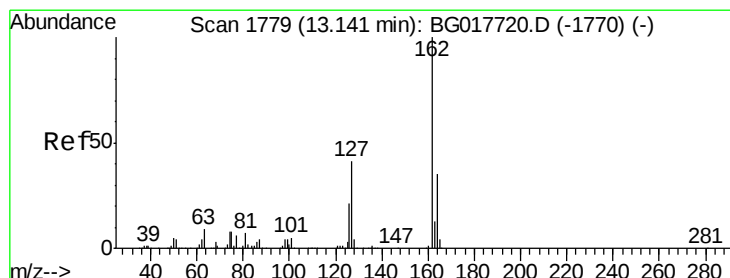
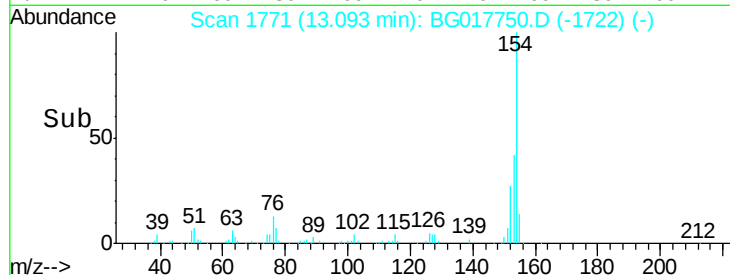
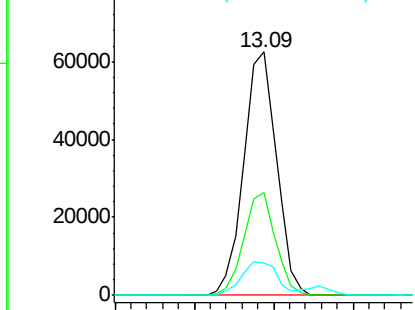
#45
 1,1'-Biphenyl
 Concen: 6.11 ng
 RT: 13.09 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:154 Resp: 90026
 Ion Ratio Lower Upper
 154 100
 153 42.2 23.5 63.5
 76 13.4 0.0 33.7

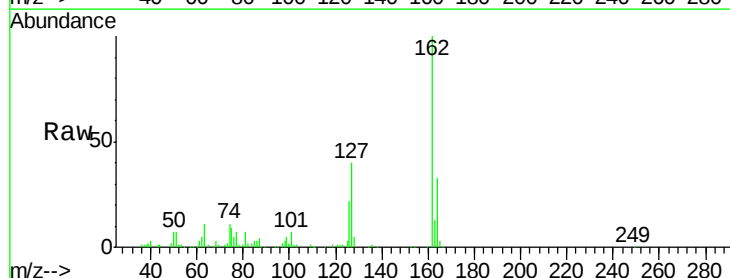


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

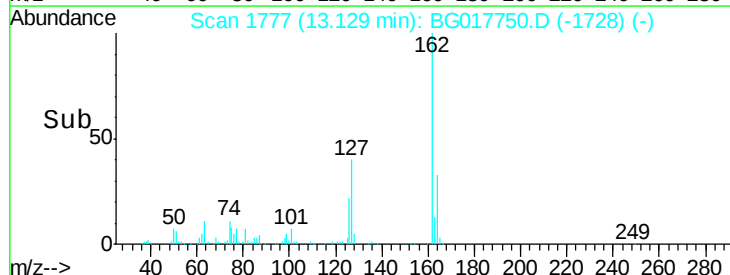
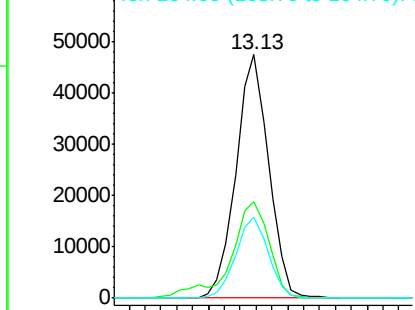


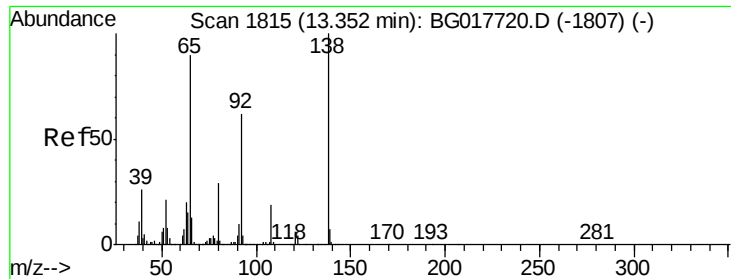
#46
 2-Chloronaphthalene
 Concen: 5.73 ng
 RT: 13.13 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion:162 Resp: 67961
 Ion Ratio Lower Upper
 162 100
 127 39.9 33.2 49.8
 164 33.2 27.7 41.5



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

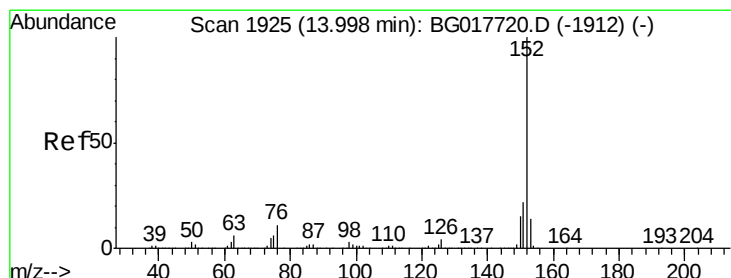
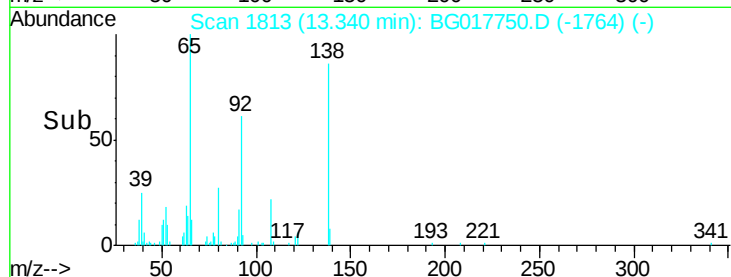
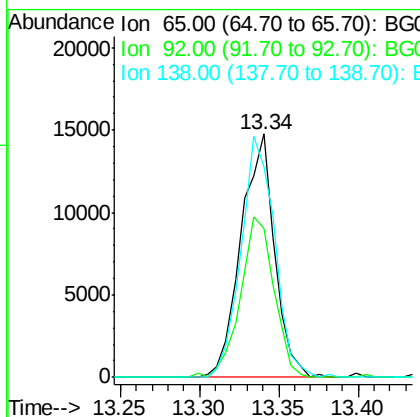
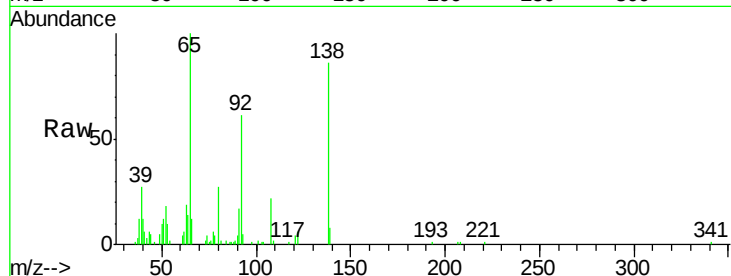




#47
2-Nitroaniline
Concen: 6.12 ng
RT: 13.34 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

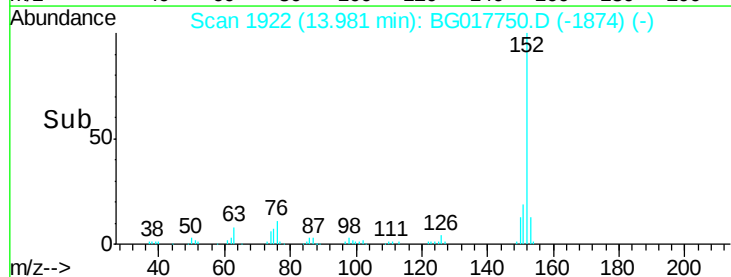
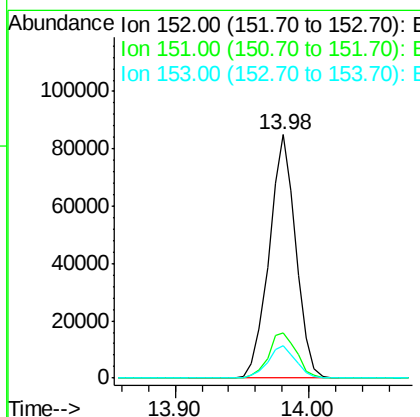
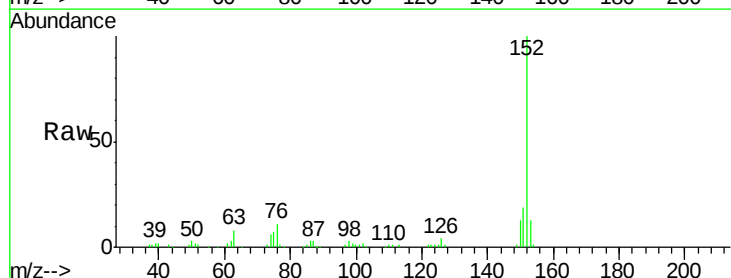
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 65 Resp: 21673
Ion Ratio Lower Upper
65 100
92 60.9 55.4 83.2
138 86.1 89.1 133.7#



#48
Acenaphthylene
Concen: 5.58 ng
RT: 13.98 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion: 152 Resp: 118164
Ion Ratio Lower Upper
152 100
151 18.6 17.4 26.2
153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 5.54 ng

RT: 13.73 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

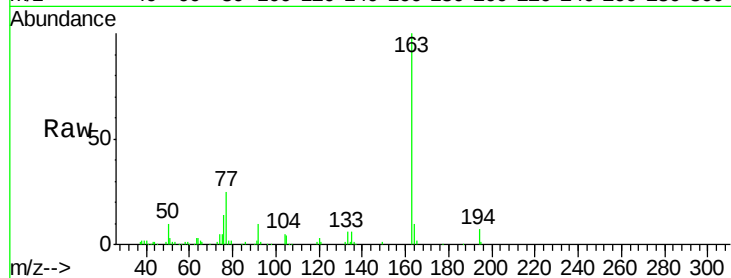
Tgt Ion:163 Resp: 84472

Ion Ratio Lower Upper

163 100

194 7.1 5.8 8.6

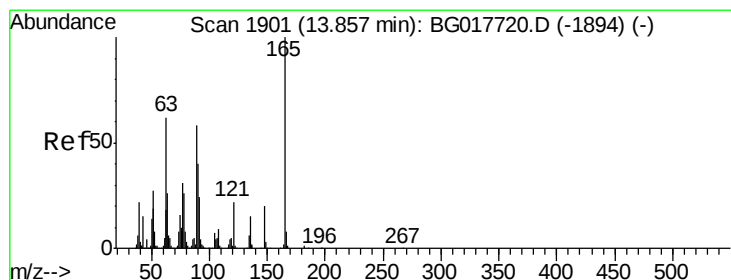
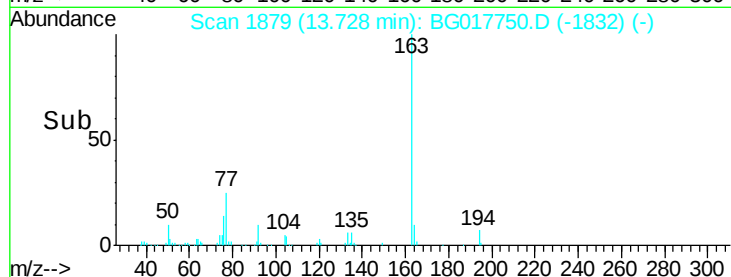
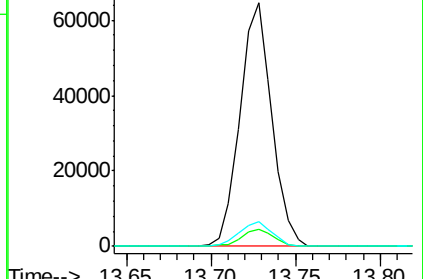
164 10.1 8.3 12.5



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: 5.48 ng

RT: 13.84 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

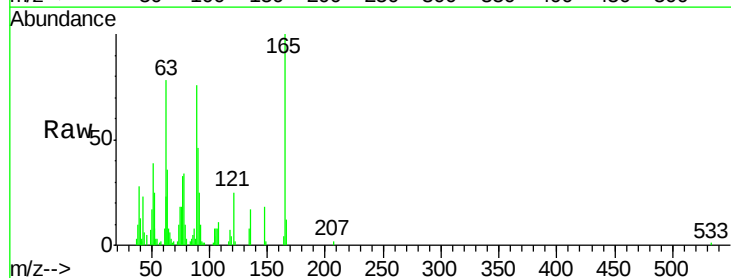
Tgt Ion:165 Resp: 17233

Ion Ratio Lower Upper

165 100

63 78.1 50.2 75.2#

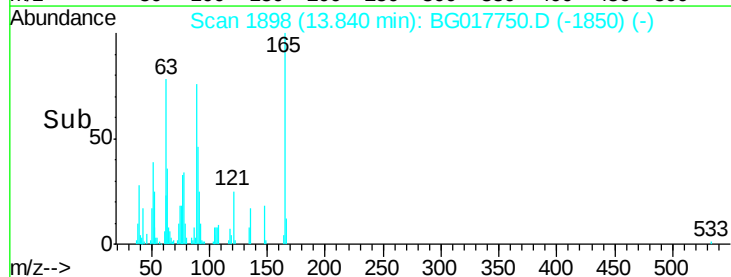
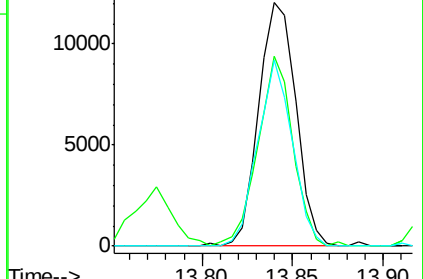
89 76.4 46.6 69.8#

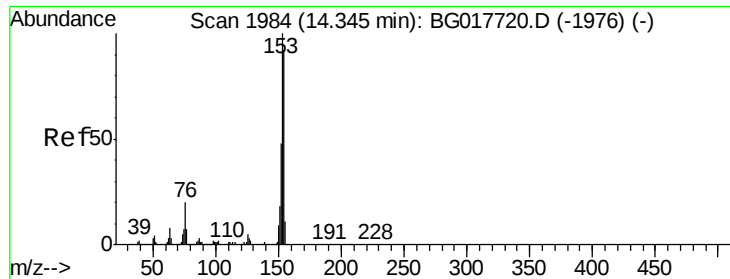


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 5.56 ng

RT: 14.33 min Scan# 1981

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

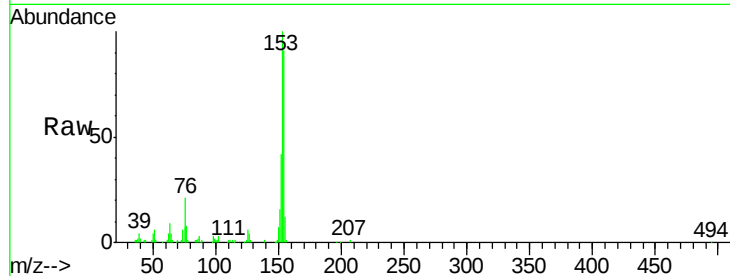
Tgt Ion:154 Resp: 71131

Ion Ratio Lower Upper

154 100

153 109.7 87.0 130.4

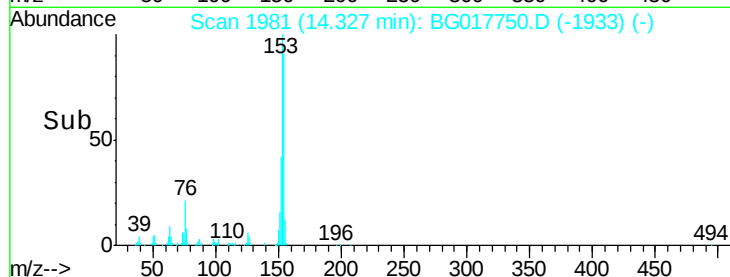
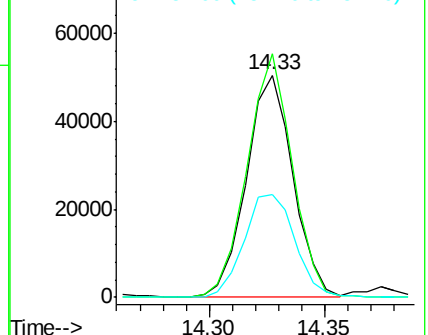
152 46.5 41.4 62.0



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: 4.77 ng

RT: 14.17 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

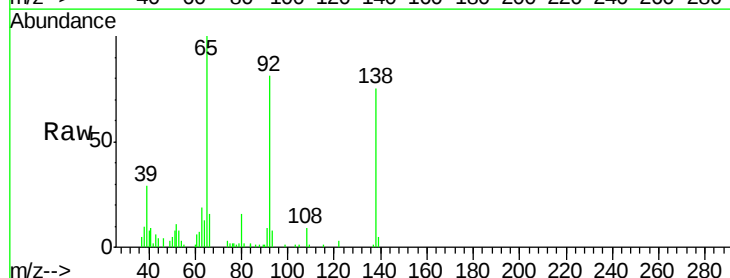
Tgt Ion:138 Resp: 17511

Ion Ratio Lower Upper

138 100

108 12.3 8.2 12.4

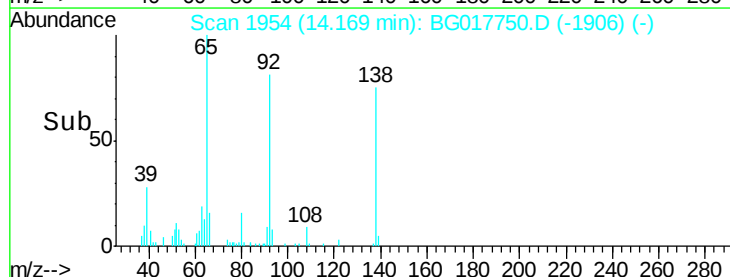
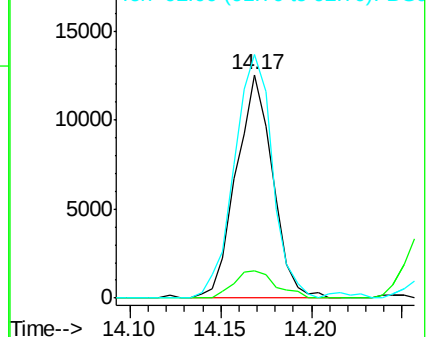
92 109.0 87.4 131.0

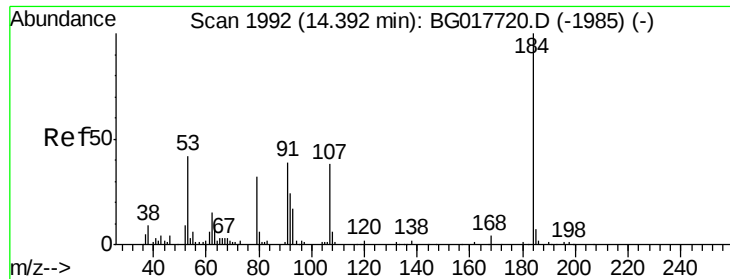


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

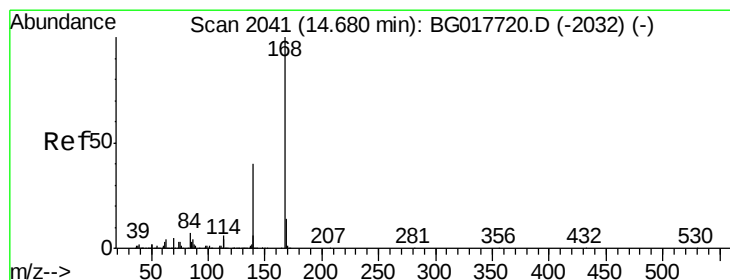
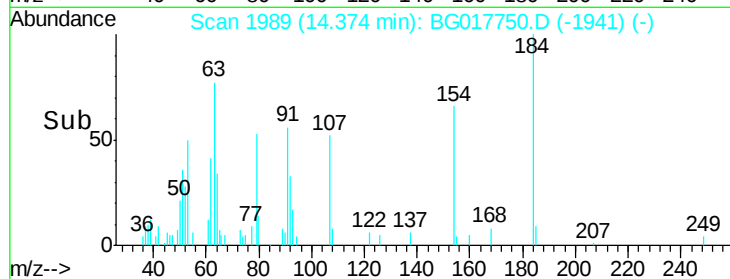
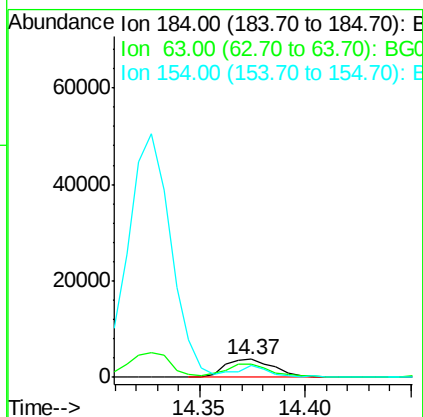
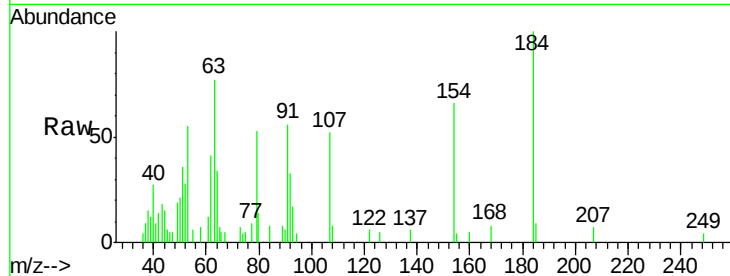




#53
2,4-Dinitrophenol
Concen: 10.69 ng
RT: 14.37 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

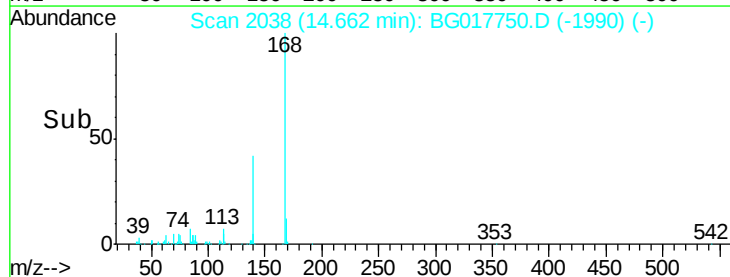
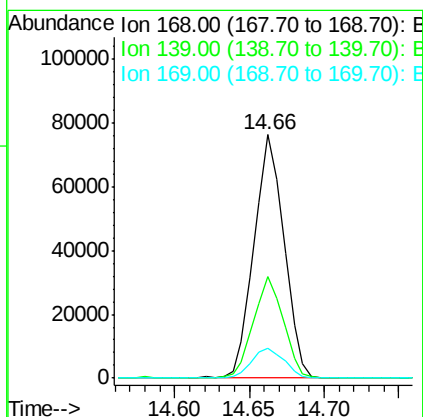
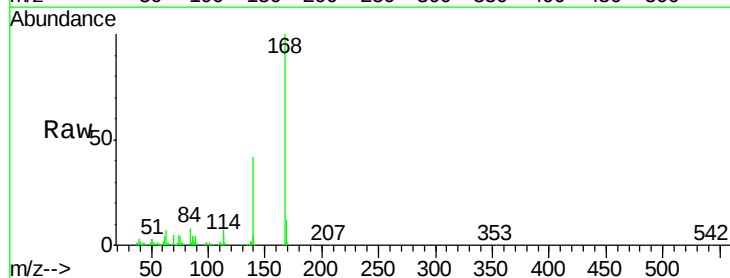
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

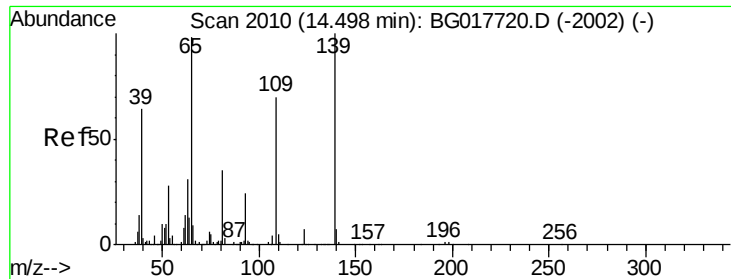
Tgt Ion:184 Resp: 5827
Ion Ratio Lower Upper
184 100
63 76.7 47.8 71.6#
154 66.5 39.3 58.9#



#54
Dibenzofuran
Concen: 5.90 ng
RT: 14.66 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:168 Resp: 106266
Ion Ratio Lower Upper
168 100
139 41.6 32.2 48.2
169 12.1 11.3 16.9

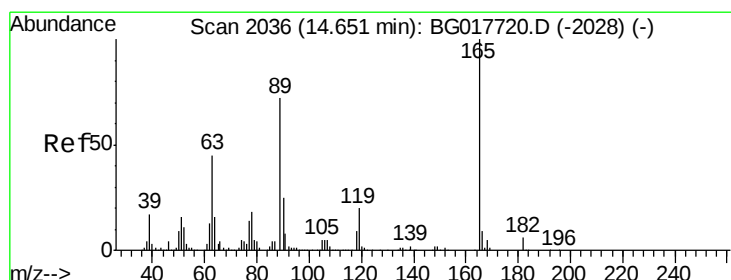
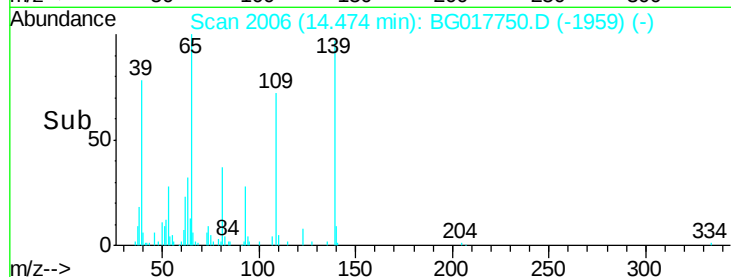
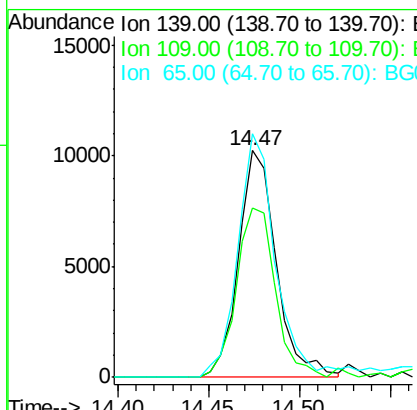
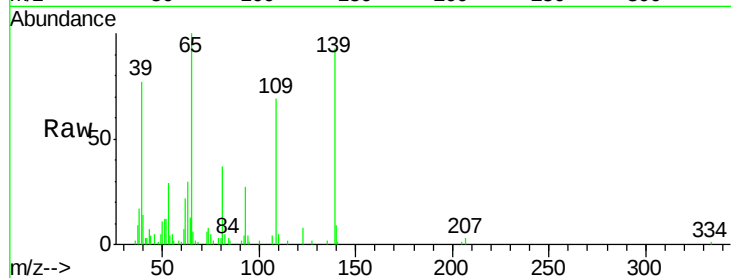




#55
4-Nitrophenol
Concen: 5.12 ng
RT: 14.47 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

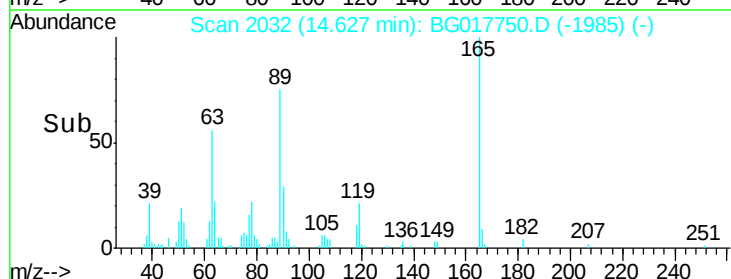
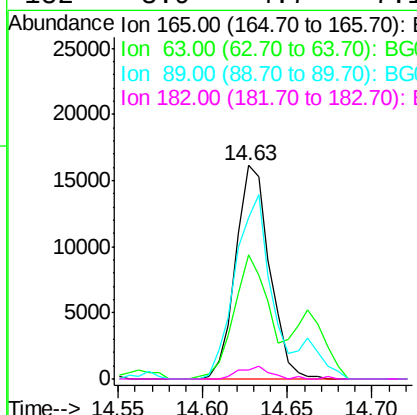
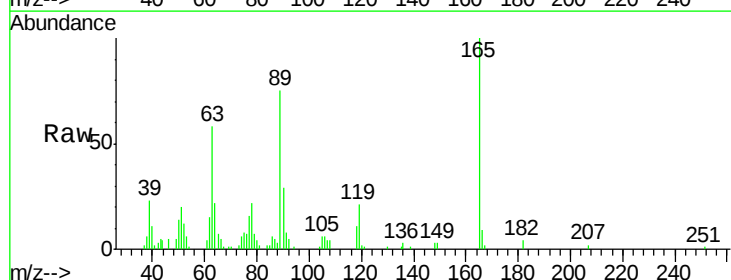
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:139 Resp: 14856
Ion Ratio Lower Upper
139 100
109 74.5 50.3 90.3
65 107.5 78.8 118.8



#56
2,4-Dinitrotoluene
Concen: 7.64 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:165 Resp: 22660
Ion Ratio Lower Upper
165 100
63 58.0 36.2 54.4#
89 75.3 57.9 86.9
182 3.9 4.7 7.1#

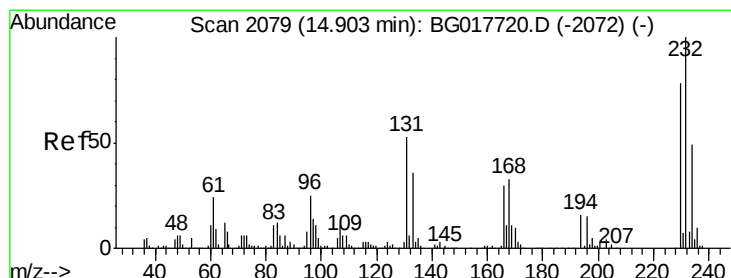
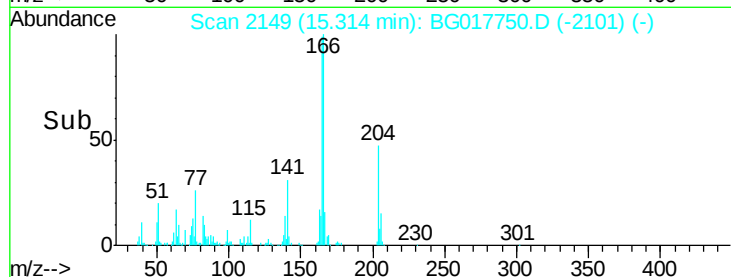
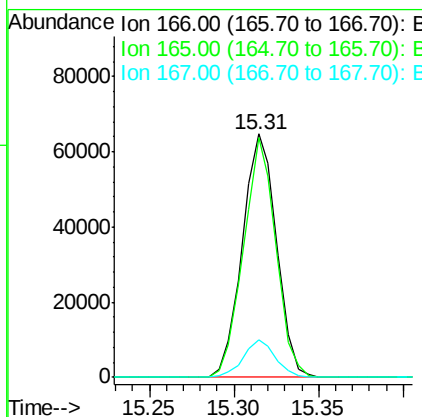
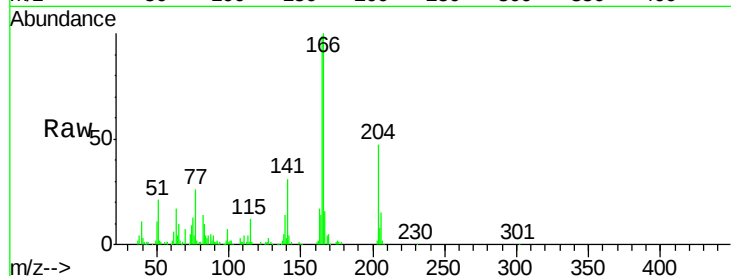




#57
 Fluorene
 Concen: 5.59 ng
 RT: 15.31 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

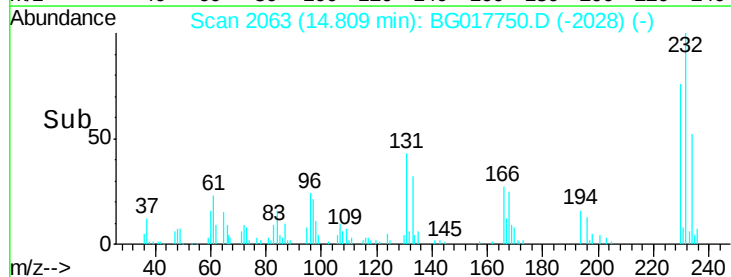
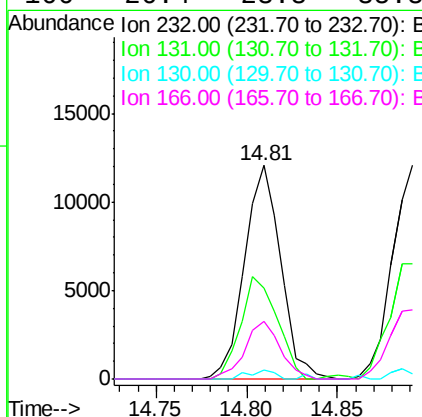
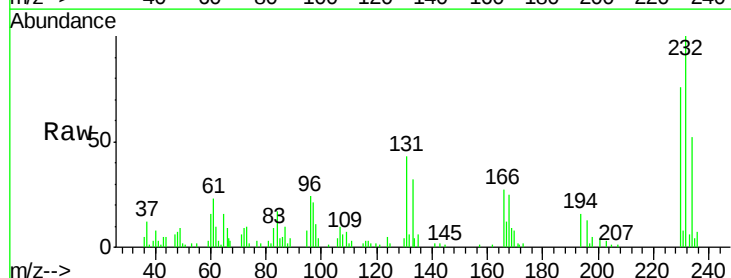
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

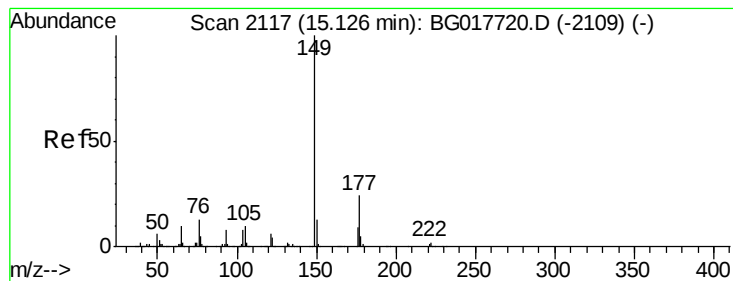
Tgt Ion:166 Resp: 90963
 Ion Ratio Lower Upper
 166 100
 165 98.5 73.4 110.0
 167 15.7 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 5.14 ng
 RT: 14.81 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion:232 Resp: 16816
 Ion Ratio Lower Upper
 232 100
 131 48.3 40.8 61.2
 130 3.1 2.4 3.6
 166 26.4 23.8 35.8





#59

Diethylphthalate

Concen: 5.67 ng

RT: 15.10 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

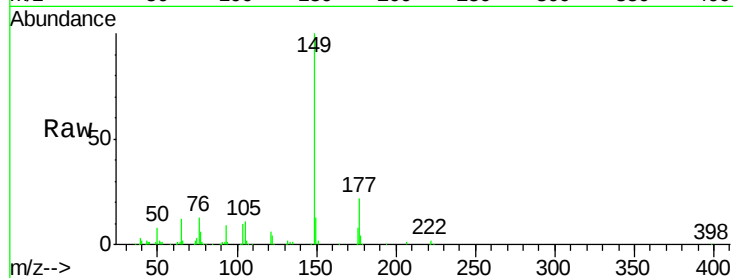
Tgt Ion:149 Resp: 93800

Ion Ratio Lower Upper

149 100

177 22.0 19.1 28.7

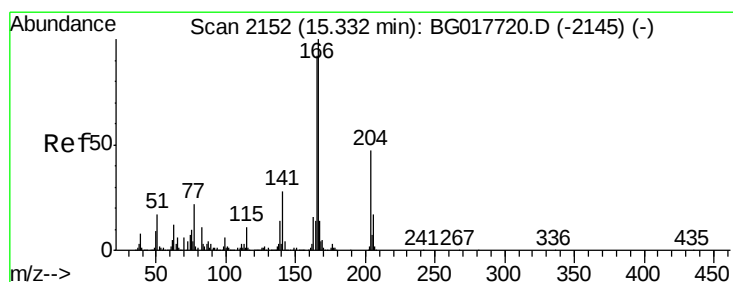
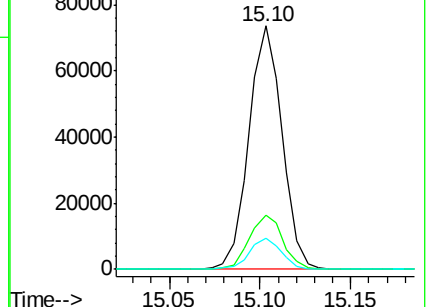
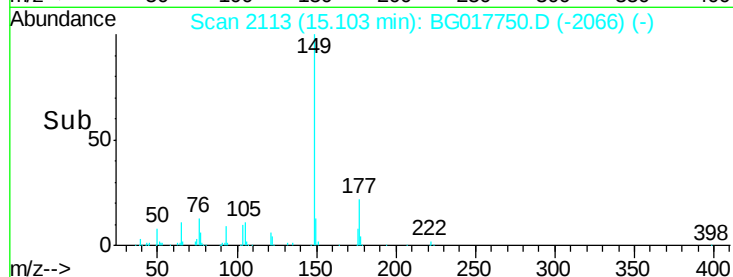
150 12.8 10.3 15.5



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: 5.81 ng

RT: 15.32 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

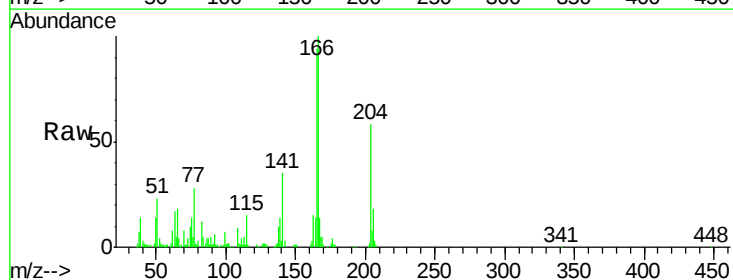
Tgt Ion:204 Resp: 43359

Ion Ratio Lower Upper

204 100

206 31.9 28.6 42.8

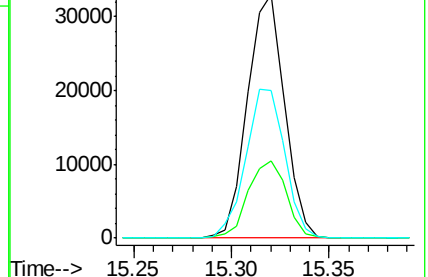
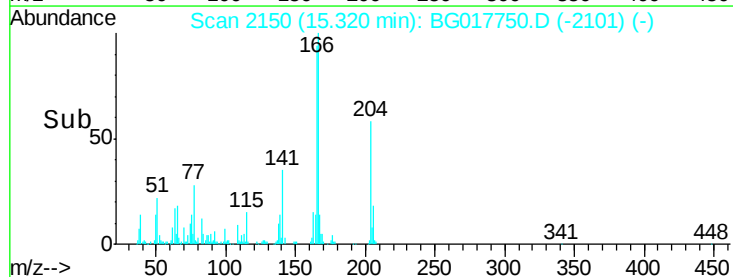
141 60.5 49.0 73.4

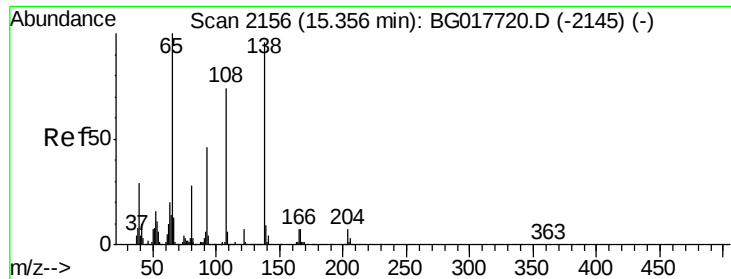


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

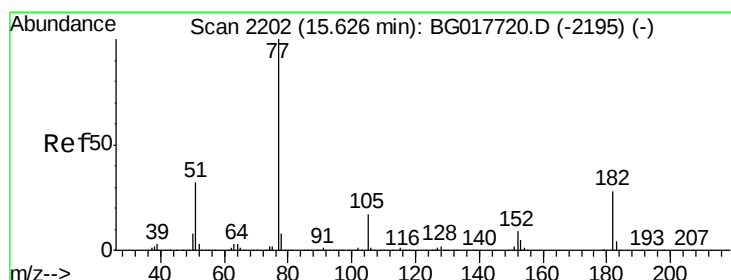
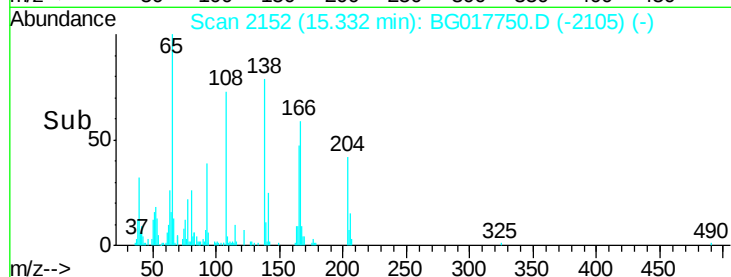
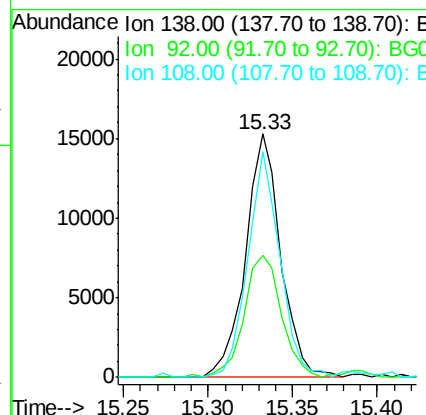
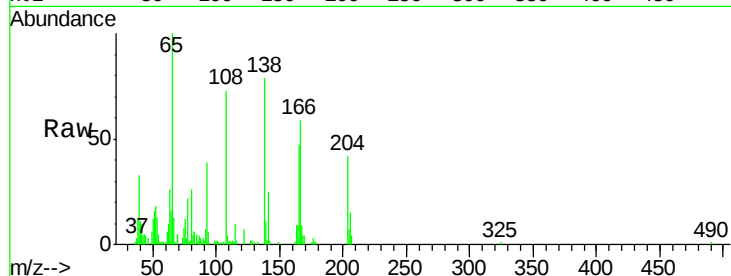




#61
4-Nitroaniline
Concen: 5.45 ng
RT: 15.33 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

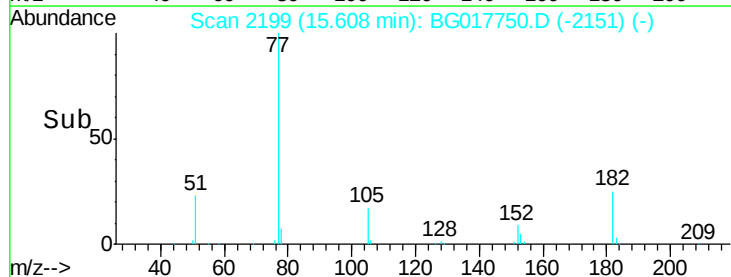
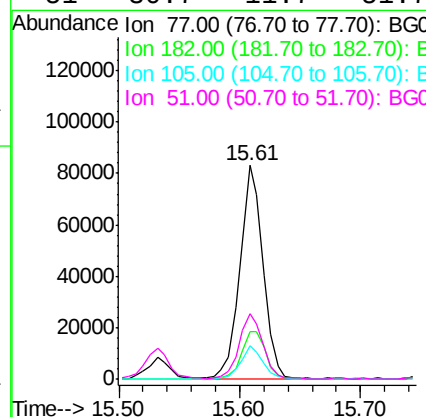
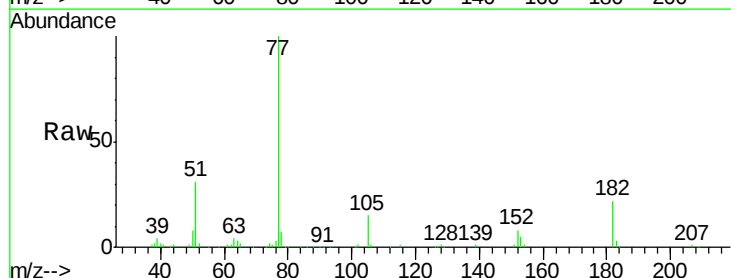
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

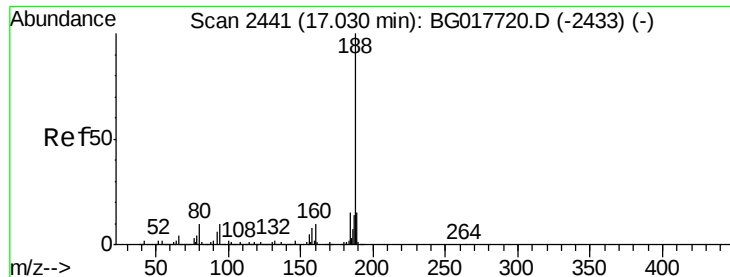
Tgt Ion:138 Resp: 22241
Ion Ratio Lower Upper
138 100
92 50.1 27.7 67.7
108 92.8 57.8 97.8



#62
Azobenzene
Concen: 6.42 ng
RT: 15.61 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion: 77 Resp: 111205
Ion Ratio Lower Upper
77 100
182 22.4 8.2 48.2
105 15.5 0.0 36.6
51 30.7 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: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:188 Resp: 439486

Ion Ratio Lower Upper

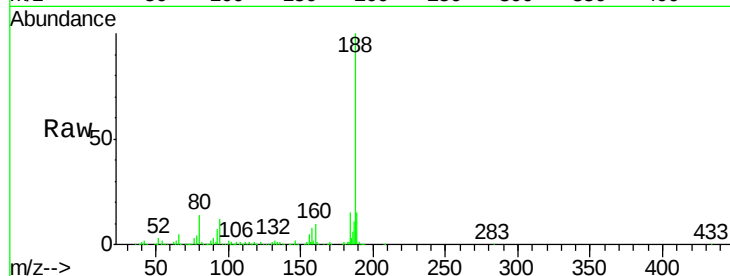
188 100

94 11.7

8.2 12.2

80 13.7

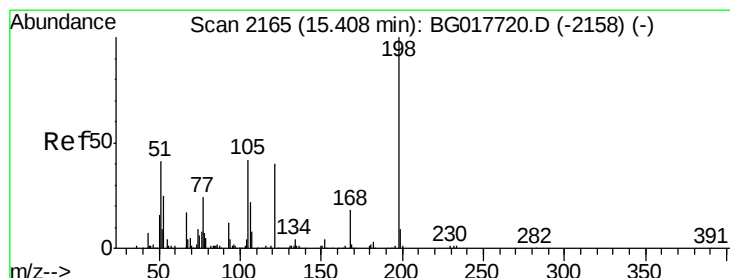
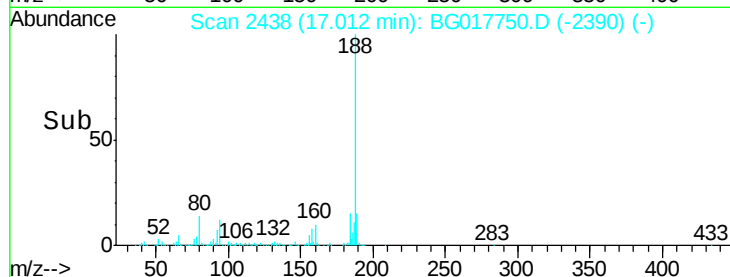
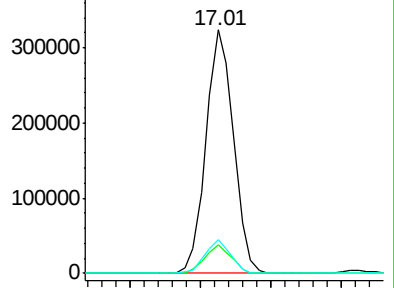
8.2 12.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 10.41 ng

RT: 15.39 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Tgt Ion:198 Resp: 9079

Ion Ratio Lower Upper

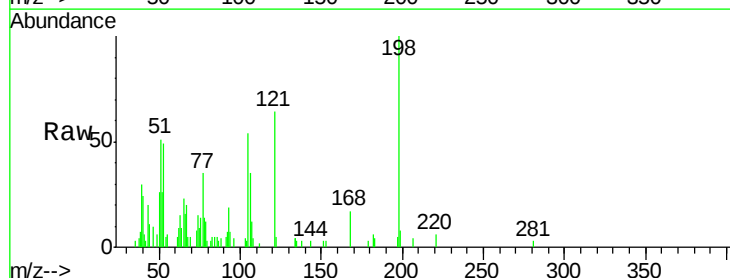
198 100

51 50.5

27.0 67.0

105 54.4

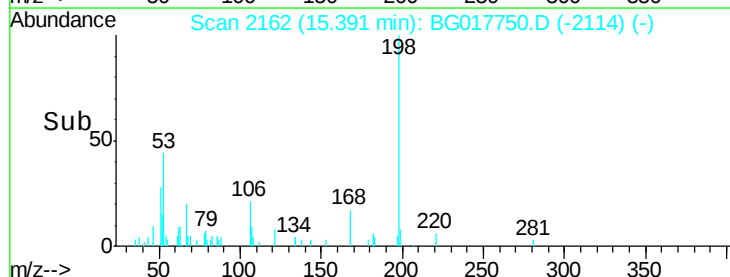
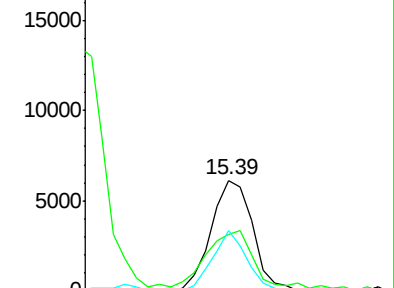
23.3 63.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

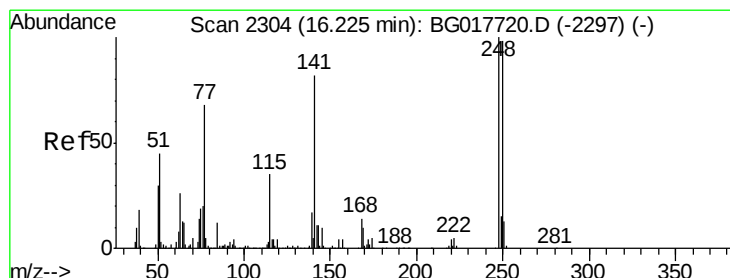
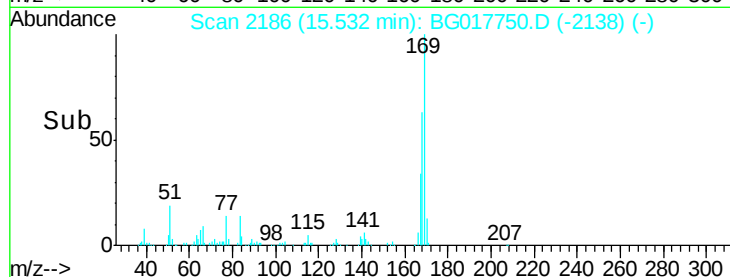
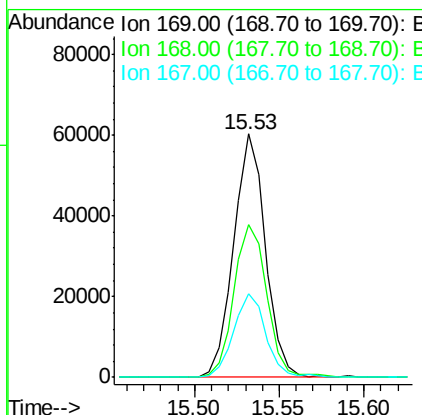
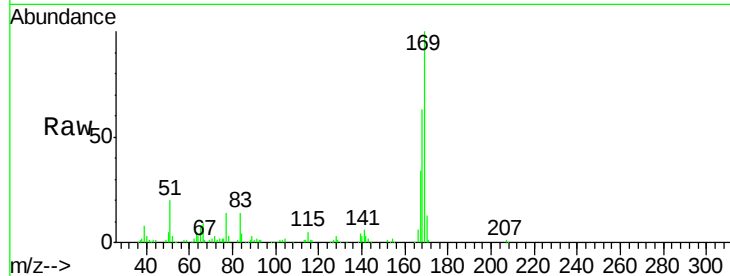




#65
n-Nitrosodiphenylamine
Concen: 5.60 ng
RT: 15.53 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

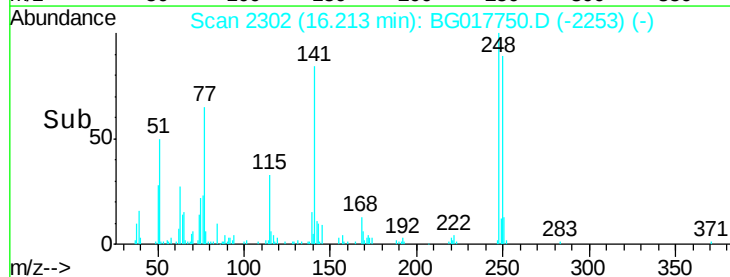
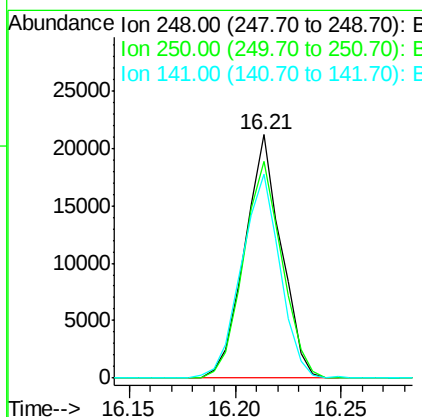
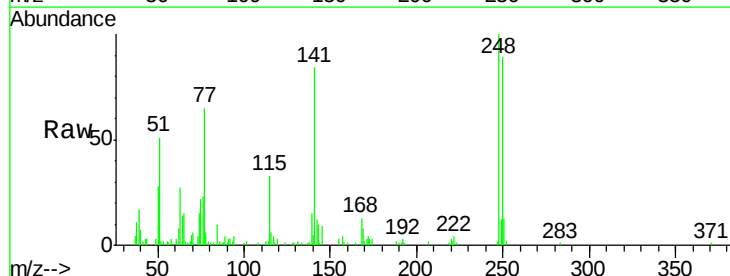
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

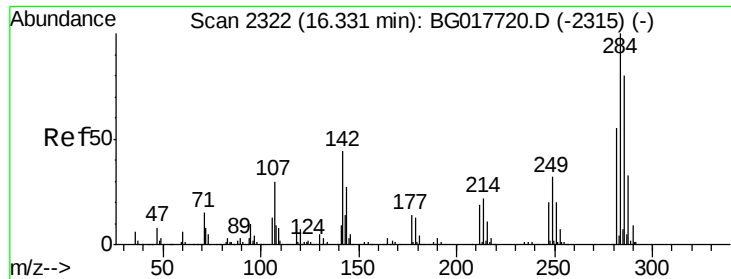
Tgt Ion:169 Resp: 78566
Ion Ratio Lower Upper
169 100
168 62.9 54.1 81.1
167 34.2 29.4 44.2



#66
4-Bromophenyl-phenylether
Concen: 5.60 ng
RT: 16.21 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:248 Resp: 25411
Ion Ratio Lower Upper
248 100
250 88.9 78.0 117.0
141 83.7 65.7 98.5

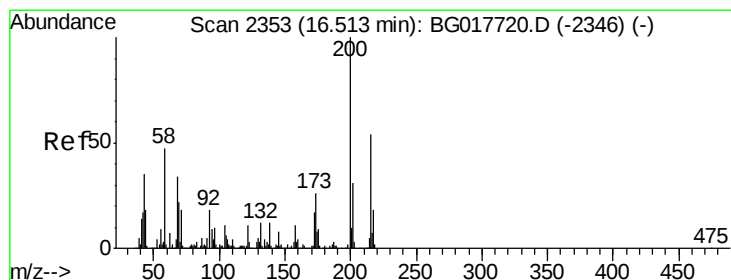
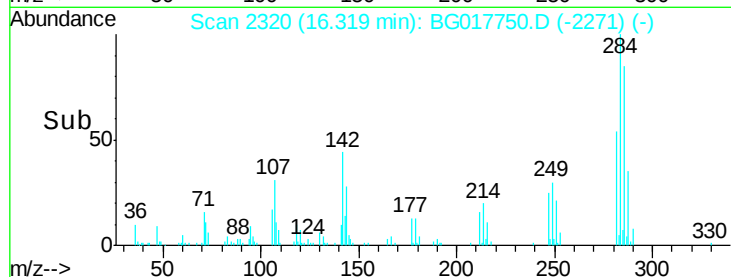
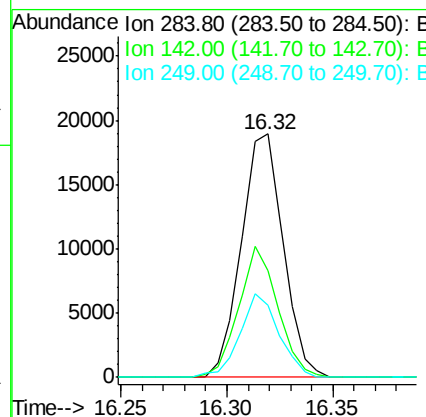
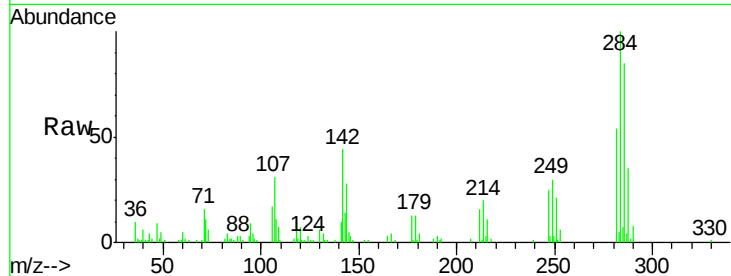




#67
Hexachlorobenzene
Concen: 5.29 ng
RT: 16.32 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

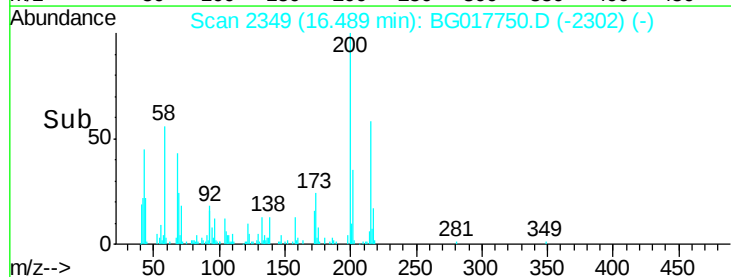
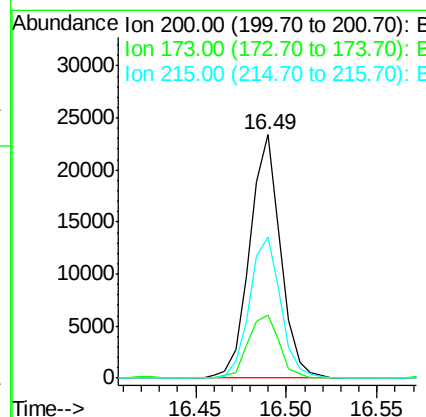
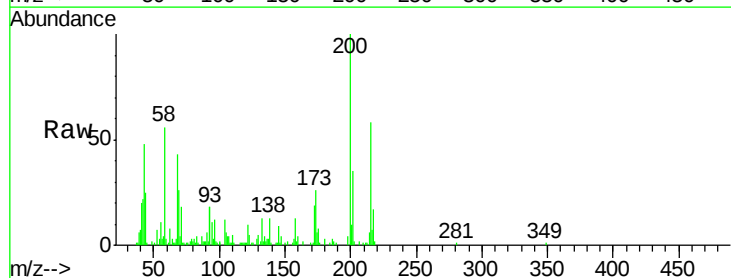
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:284 Resp: 26024
Ion Ratio Lower Upper
284 100
142 44.0 35.2 52.8
249 29.7 25.4 38.0



#68
Atrazine
Concen: 5.37 ng
RT: 16.49 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:200 Resp: 27494
Ion Ratio Lower Upper
200 100
173 25.9 5.6 45.6
215 58.0 34.1 74.1

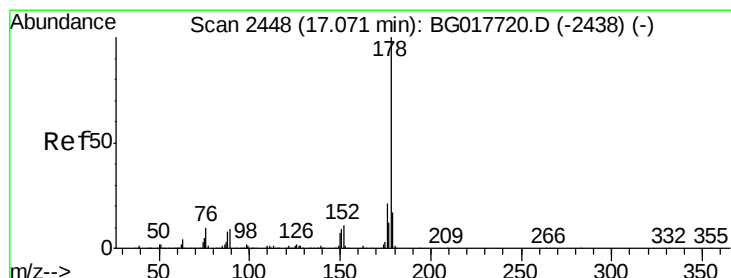
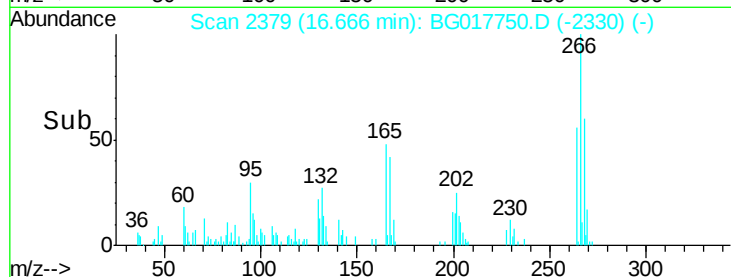
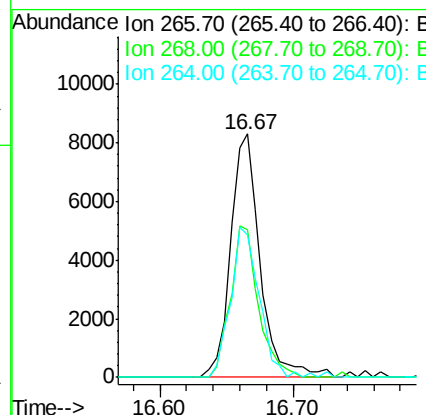
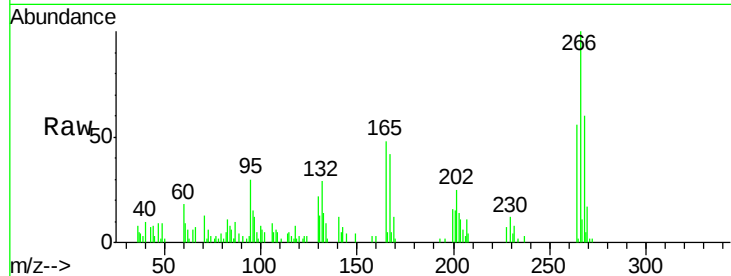




#69
 Pentachlorophenol
 Concen: 5.20 ng
 RT: 16.67 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

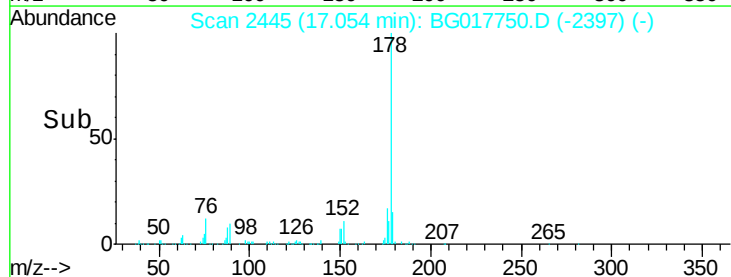
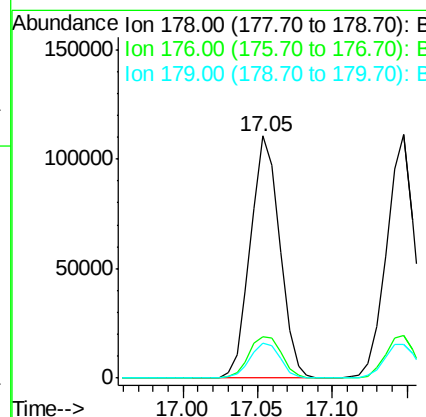
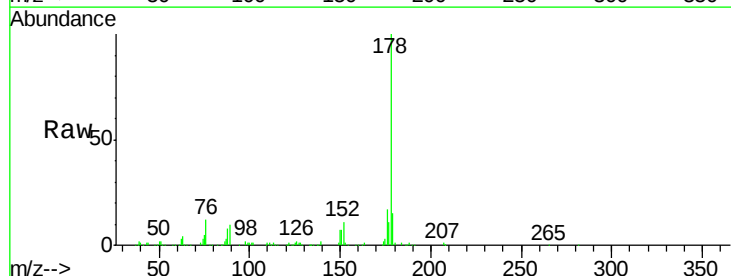
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:266 Resp: 12829
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.0 76.6
 264 58.4 50.7 76.1



#70
 Phenanthrene
 Concen: 6.06 ng
 RT: 17.05 min Scan# 2445
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion:178 Resp: 150135
 Ion Ratio Lower Upper
 178 100
 176 16.9 16.5 24.7
 179 14.7 13.5 20.3

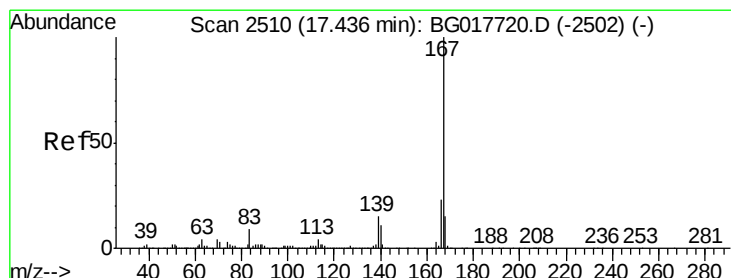
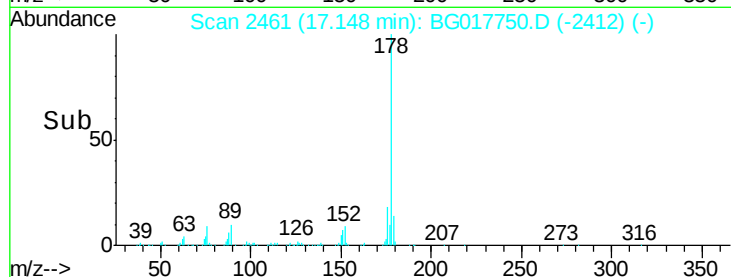
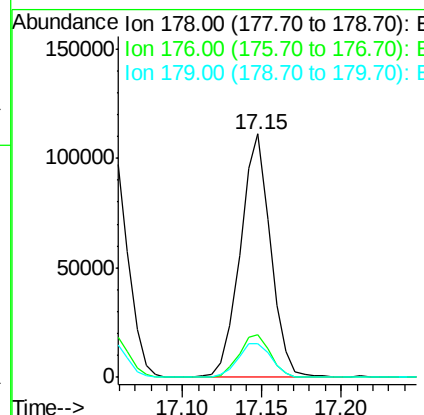
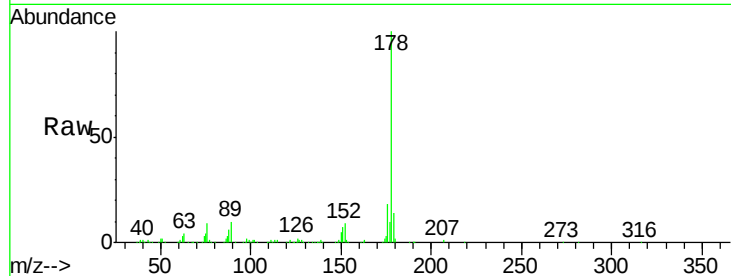




#71
 Anthracene
 Concen: 5.90 ng
 RT: 17.15 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

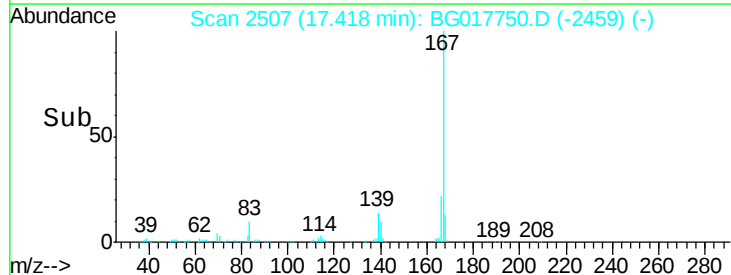
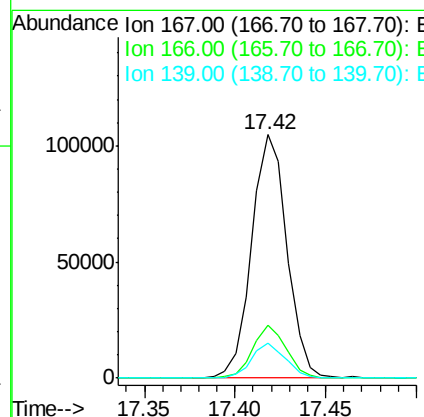
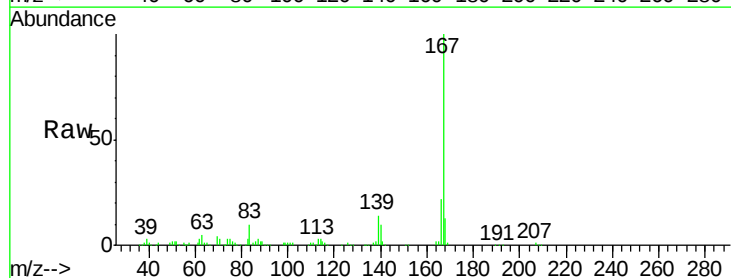
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.2	22.8
179	14.0	13.6	20.4



#72
 Carbazole
 Concen: 5.84 ng
 RT: 17.42 min Scan# 2507
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.3	27.5
139	14.4	11.9	17.9

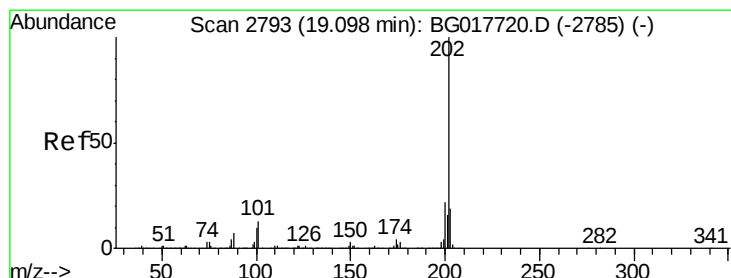
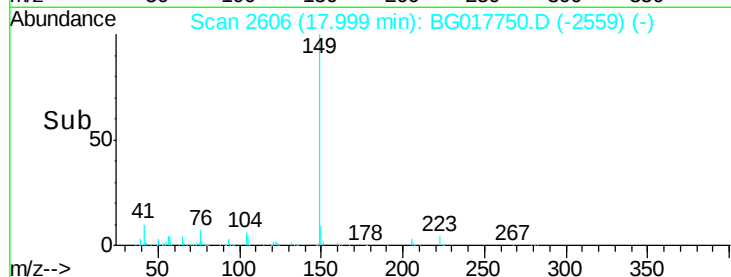
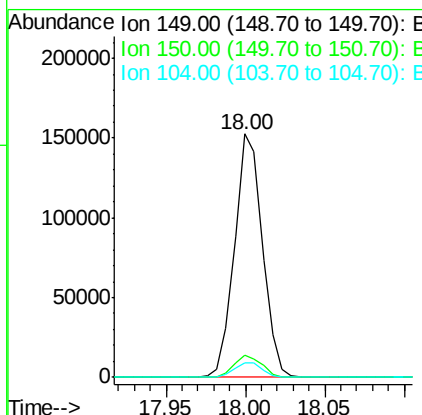
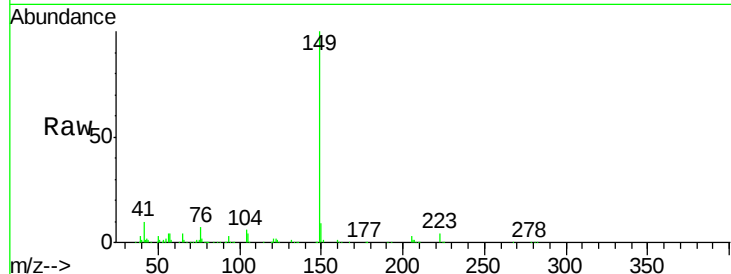




#73
Di-n-butylphthalate
Concen: 6.14 ng
RT: 18.00 min Scan# 2606
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

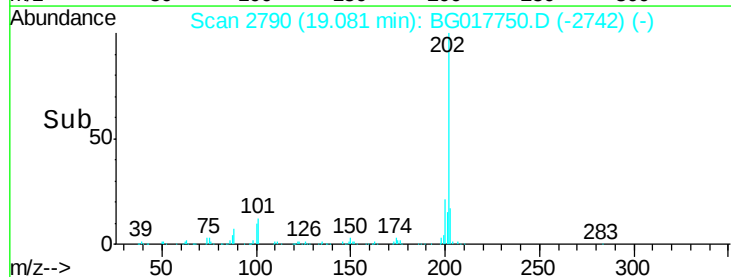
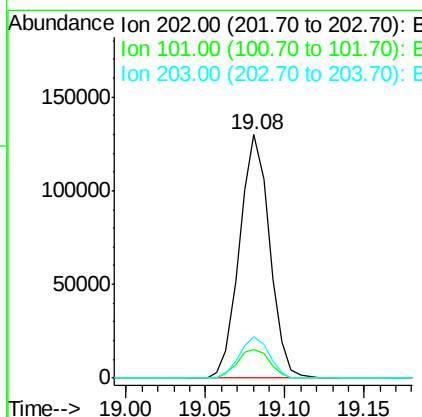
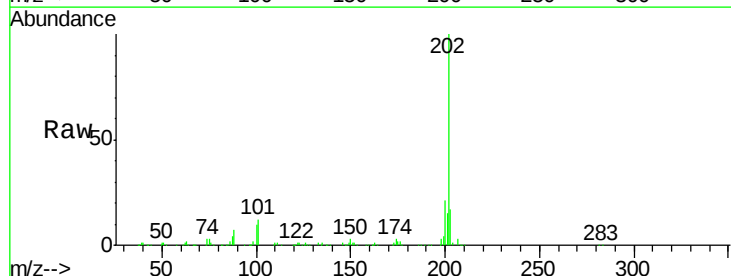
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

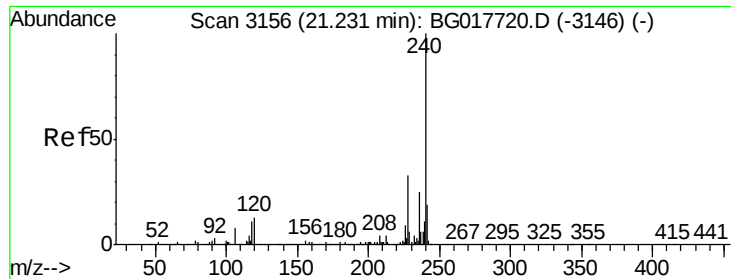
Tgt Ion:149 Resp: 185900
Ion Ratio Lower Upper
149 100
150 9.2 8.6 12.8
104 6.1 5.0 7.6



#74
Fluoranthene
Concen: 6.05 ng
RT: 19.08 min Scan# 2790
Delta R.T. -0.02 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:202 Resp: 171270
Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.3
203 17.1 0.0 39.5

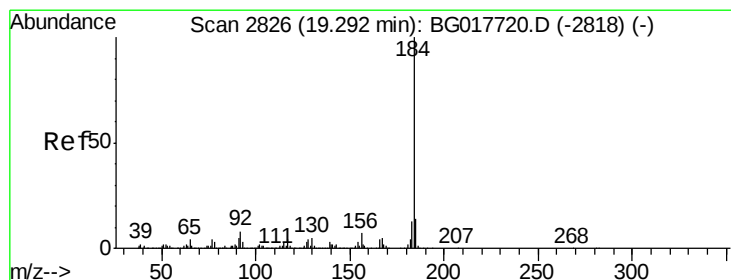
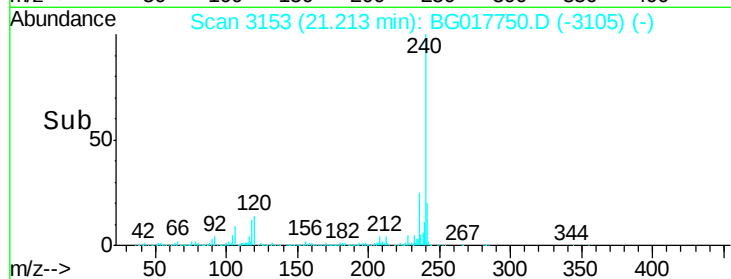
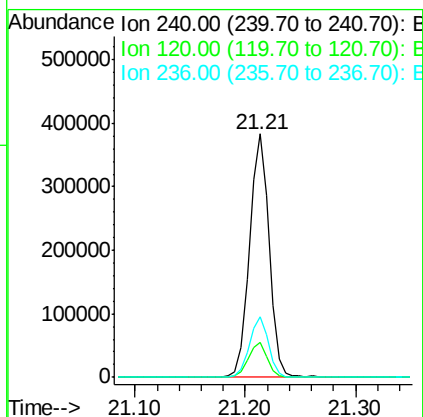
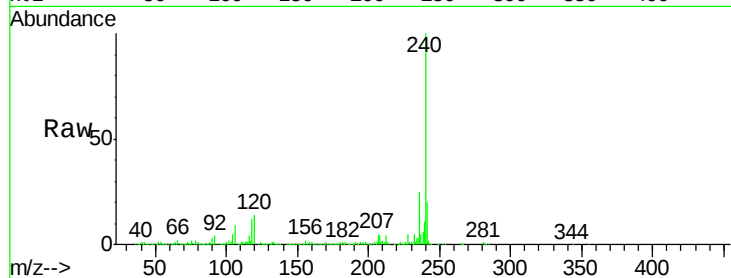




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.21 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

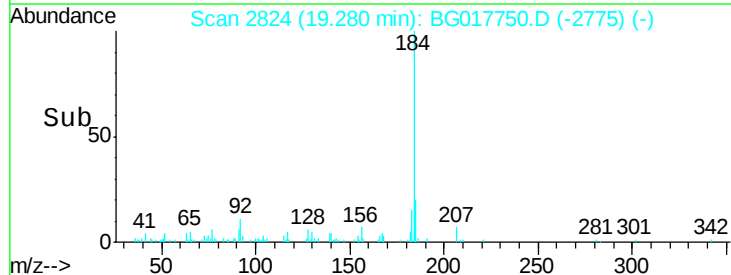
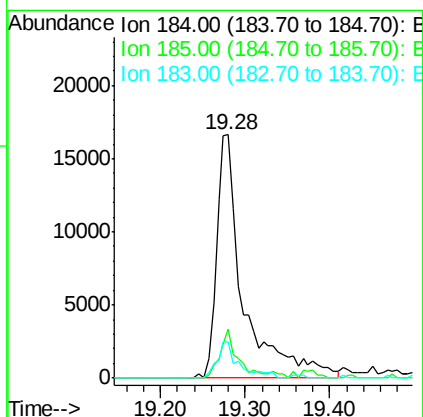
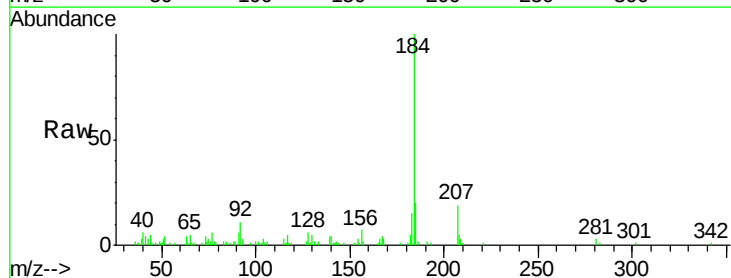
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

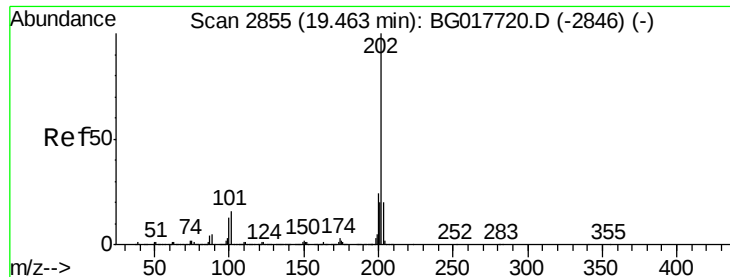
Tgt Ion:240 Resp: 477351
 Ion Ratio Lower Upper
 240 100
 120 14.3 10.8 16.2
 236 24.7 20.0 30.0



#76
 Benzidine
 Concen: 2.32 ng
 RT: 19.28 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion:184 Resp: 36921
 Ion Ratio Lower Upper
 184 100
 185 20.3 11.5 17.3#
 183 15.0 10.0 15.0

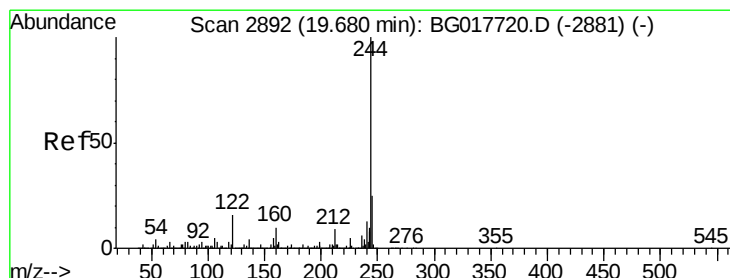
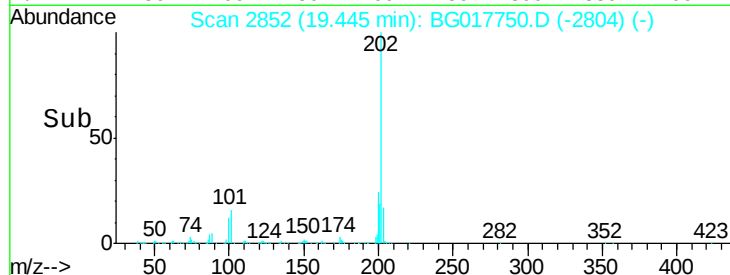
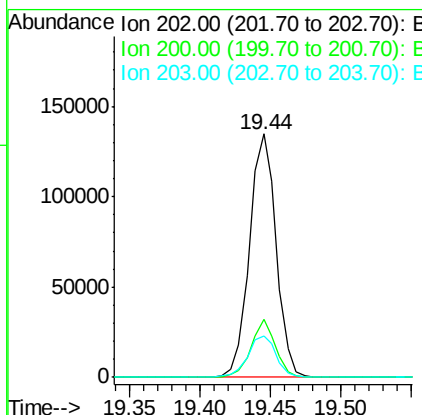
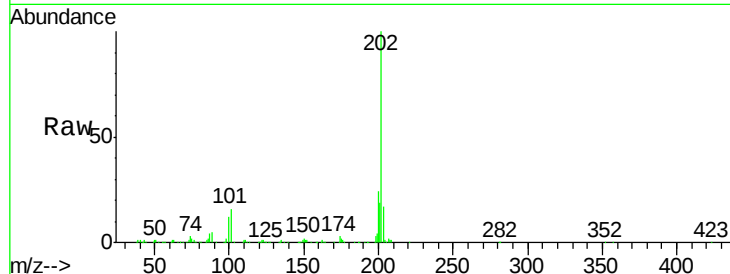




#77
 Pyrene
 Concen: 5.90 ng
 RT: 19.44 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

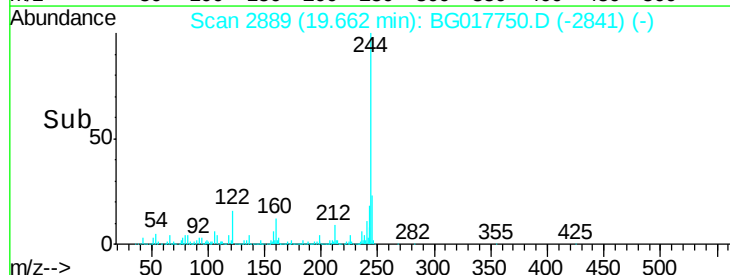
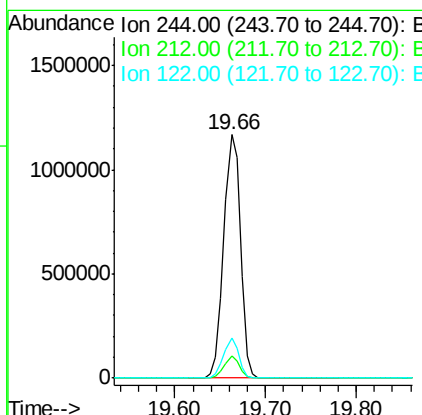
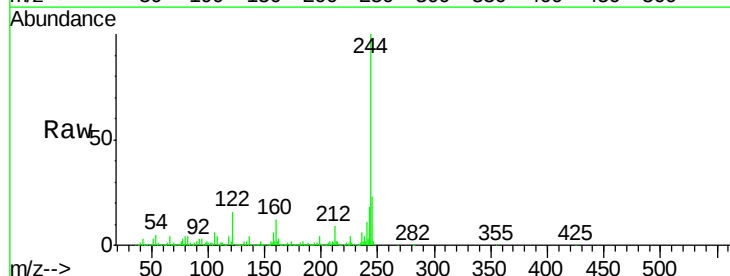
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.8	28.2
203	16.9	15.9	23.9



#78
 Terphenyl-d14
 Concen: 70.91 ng
 RT: 19.66 min Scan# 2889
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.2	10.8
122	16.5	12.8	19.2





#79

Butylbenzylphthalate

Concen: 5.53 ng

RT: 20.37 min Scan# 3009

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

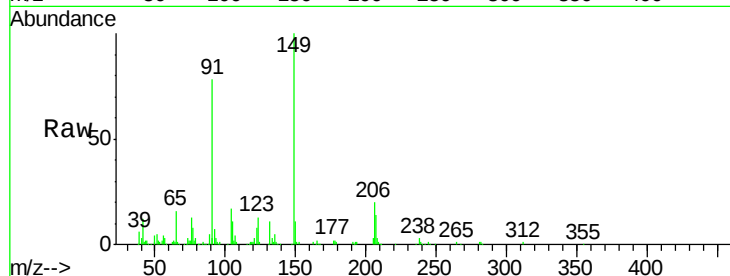
Tgt Ion:149 Resp: 79510

Ion Ratio Lower Upper

149 100

91 78.4 59.5 89.3

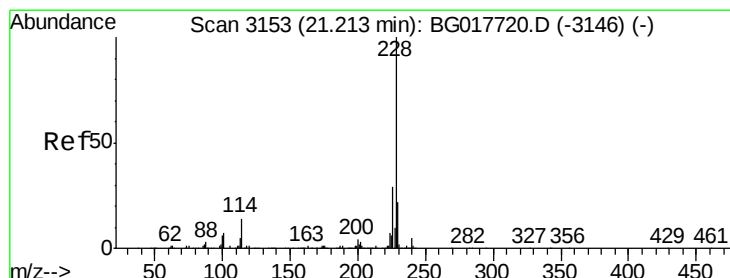
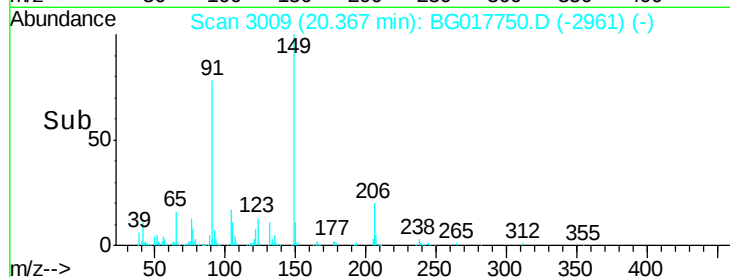
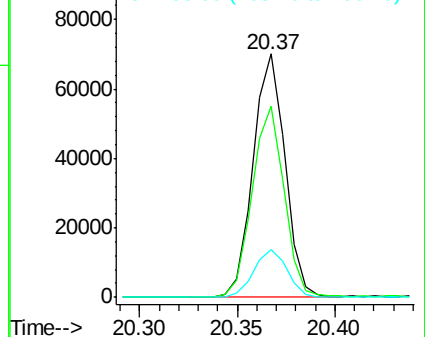
206 19.7 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 5.84 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

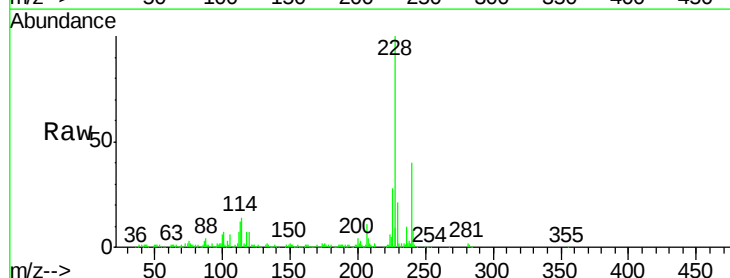
Tgt Ion:228 Resp: 160543

Ion Ratio Lower Upper

228 100

226 28.1 23.1 34.7

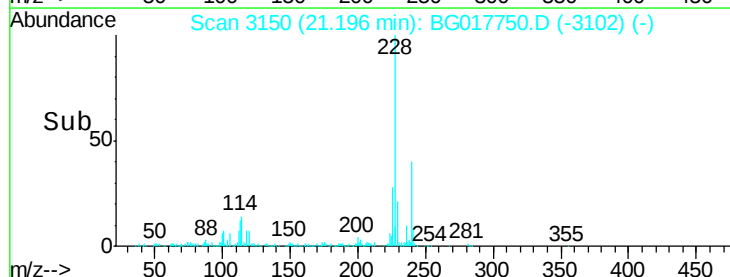
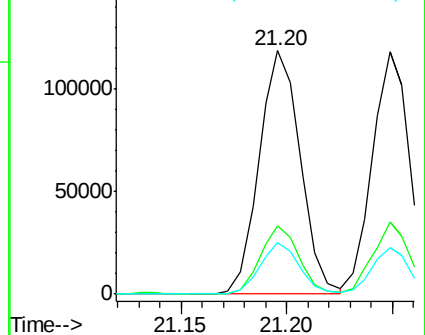
229 21.3 17.4 26.0

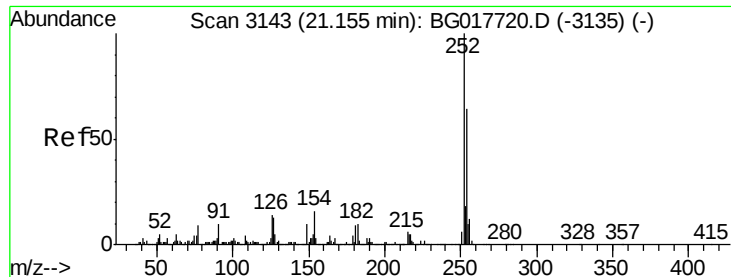


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

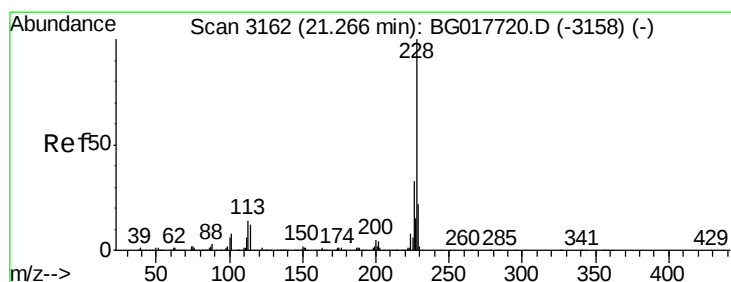
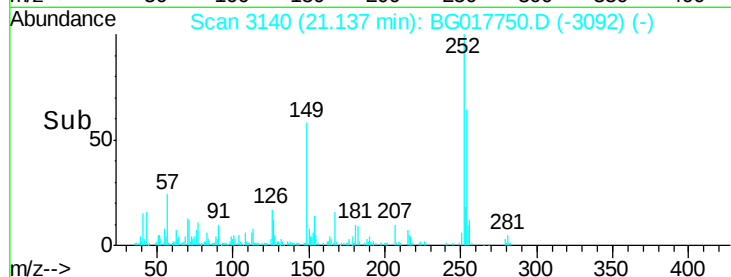
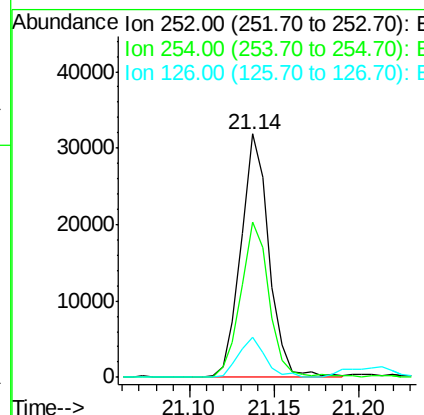
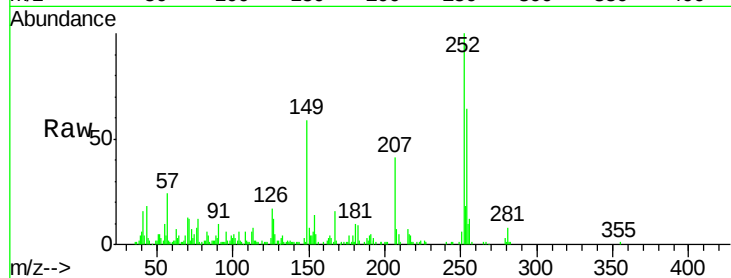




#81
 3,3'-Dichlorobenzidine
 Concen: 3.60 ng
 RT: 21.14 min Scan# 3140
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

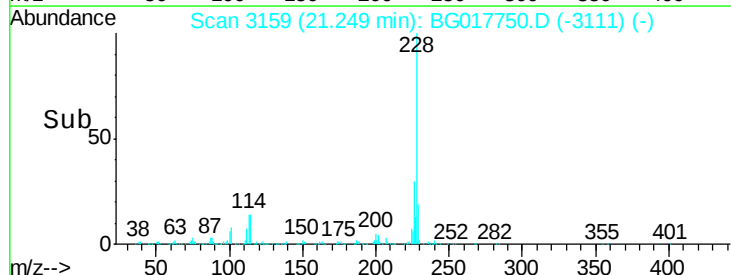
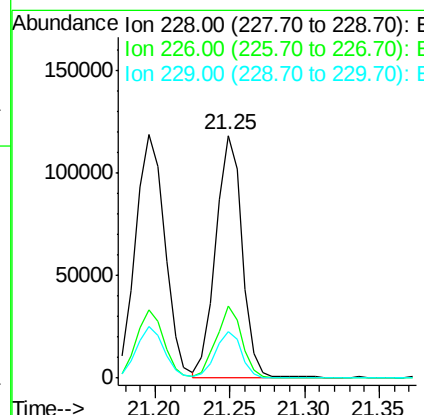
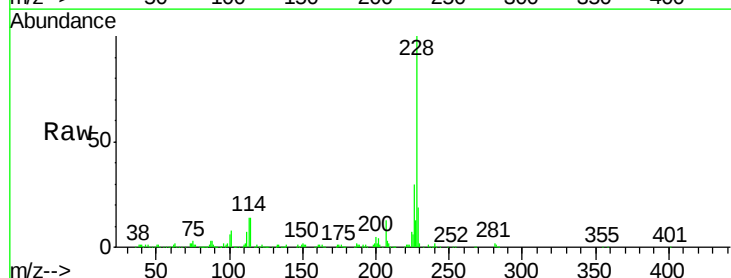
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

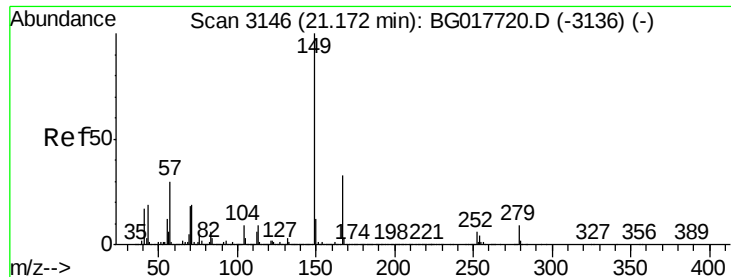
Tgt Ion: 252 Resp: 36928
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.2 76.8
 126 16.6 11.4 17.0



#82
 Chrysene
 Concen: 5.78 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion: 228 Resp: 145890
 Ion Ratio Lower Upper
 228 100
 226 29.7 26.1 39.1
 229 19.1 17.7 26.5

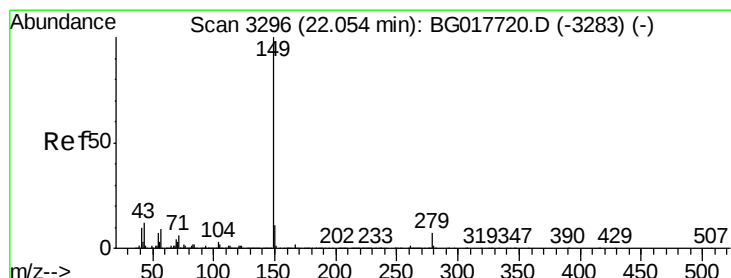
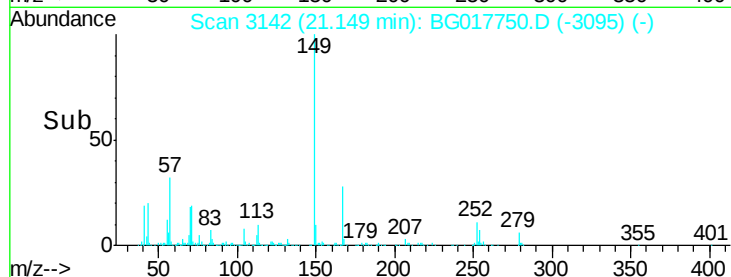
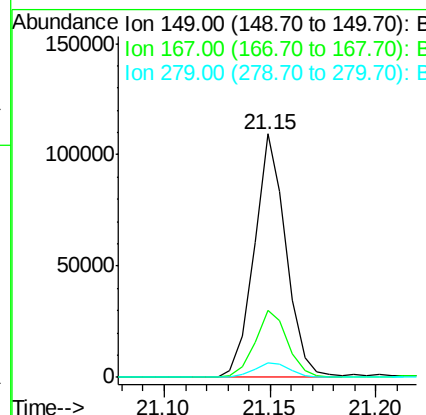
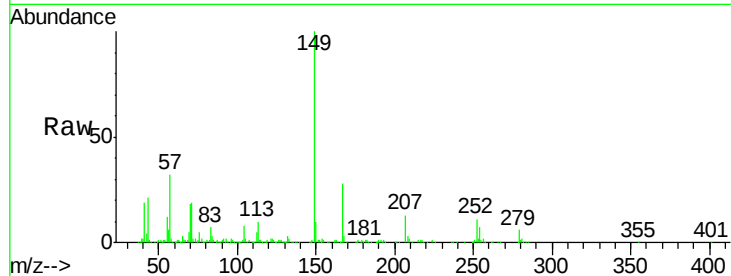




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.73 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

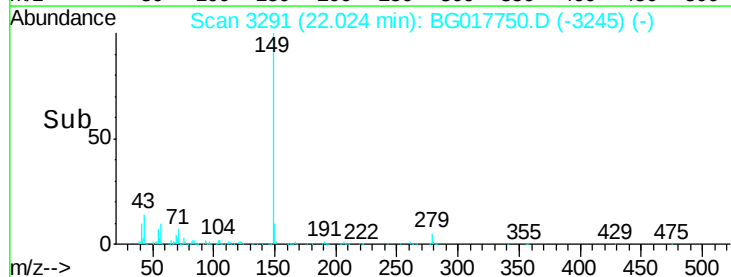
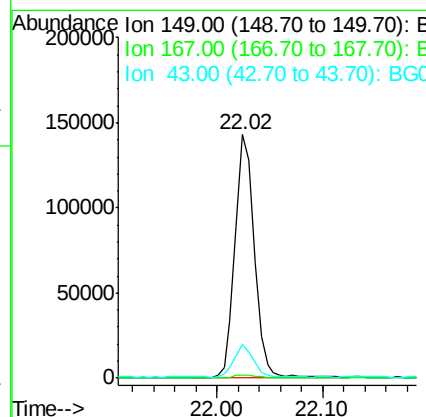
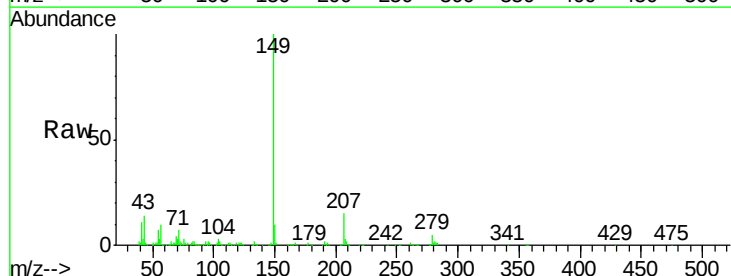
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	26.6	39.8
279	6.1	6.9	10.3#



#84
 Di-n-octyl phthalate
 Concen: 5.51 ng
 RT: 22.02 min Scan# 3291
 Delta R.T. -0.03 min
 Lab File: BG017750.D
 Acq: 22 Jun 2015 18:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	13.1	9.7	14.5





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.05 ng

RT: 25.69 min Scan# 3915

Delta R.T. -0.05 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

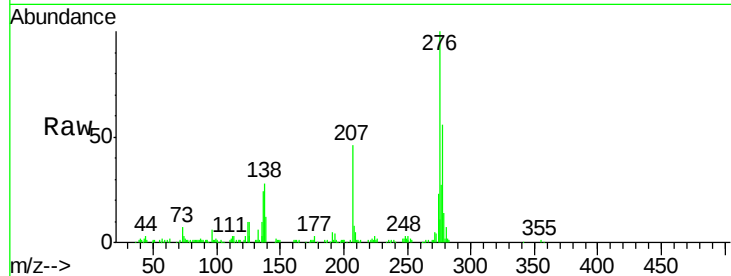
Tgt Ion:276 Resp: 152895

Ion Ratio Lower Upper

276 100

138 33.2 25.4 38.0

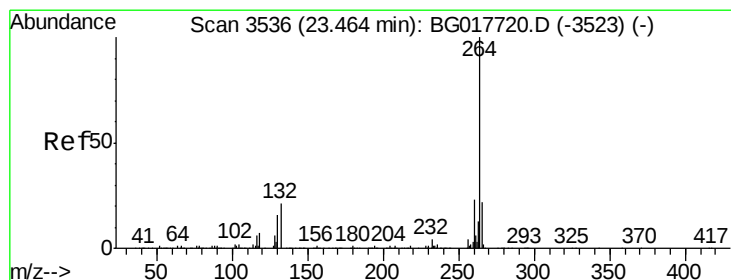
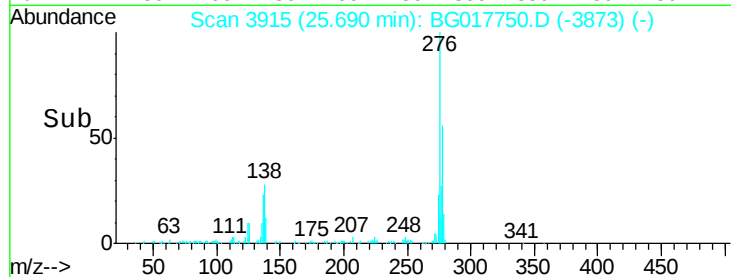
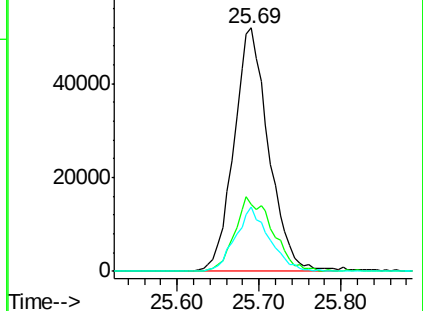
277 25.6 21.0 31.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.44 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

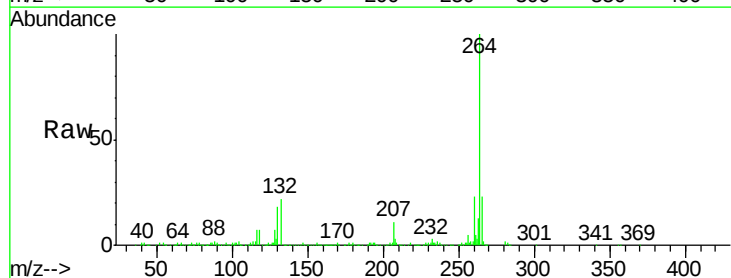
Tgt Ion:264 Resp: 437740

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

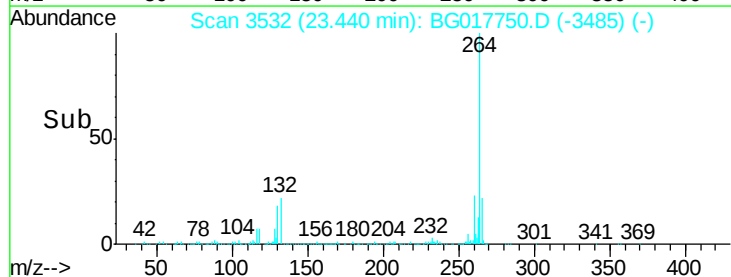
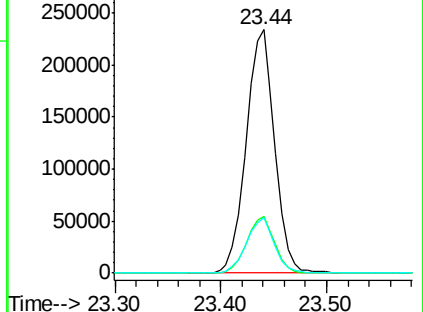
265 22.6 18.2 27.2



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

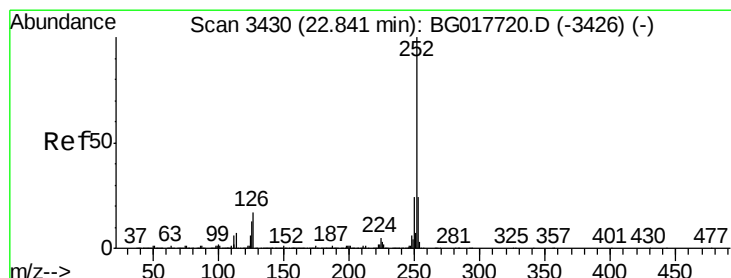
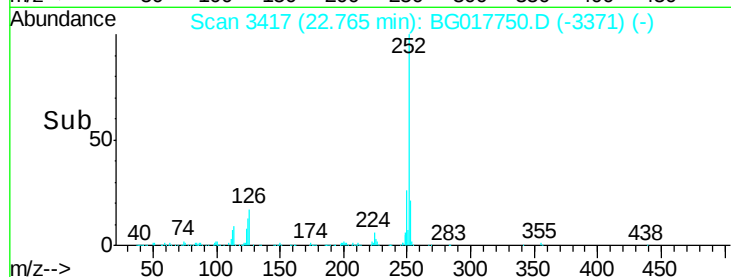
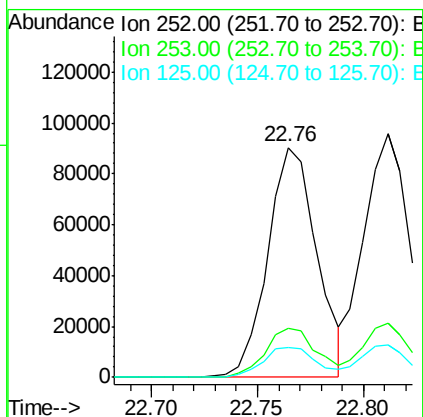
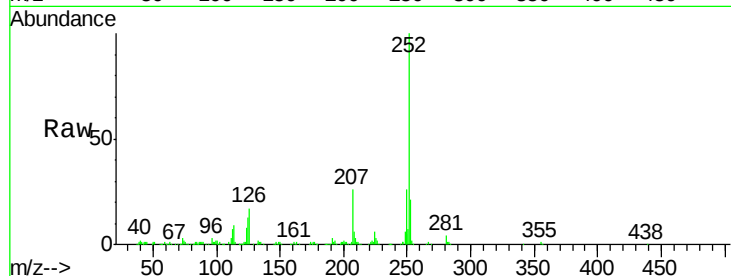




#87
Benzo(b)fluoranthene
Concen: 5.55 ng
RT: 22.76 min Scan# 3417
Delta R.T. -0.03 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

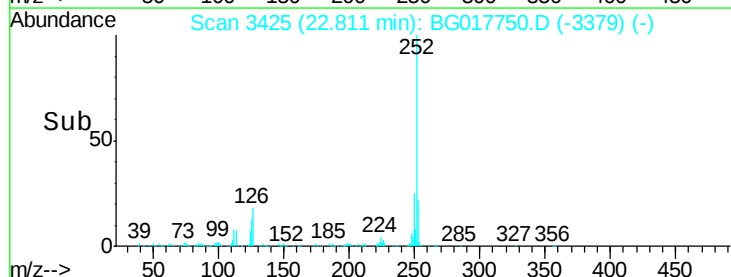
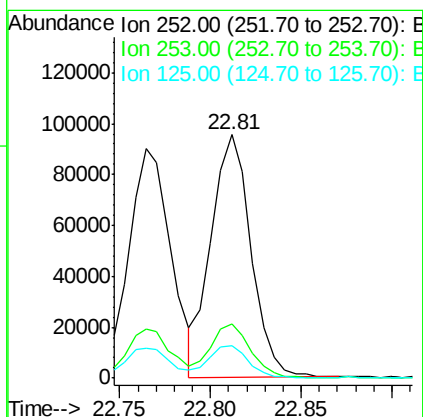
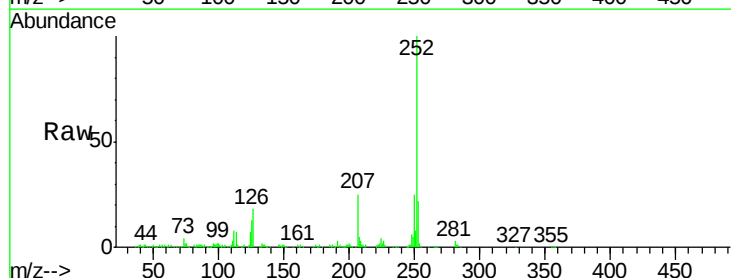
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

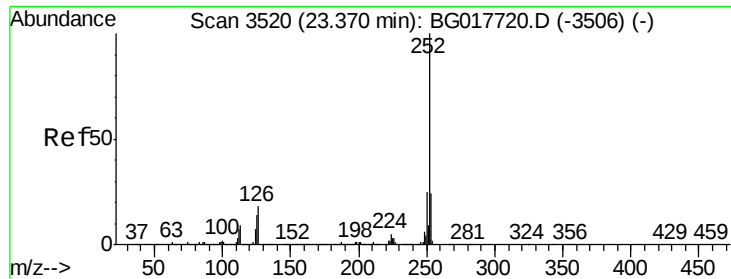
Tgt Ion:252 Resp: 146314
Ion Ratio Lower Upper
252 100
253 21.5 19.7 29.5
125 12.8 10.6 15.8



#88
Benzo(k)fluoranthene
Concen: 5.79 ng
RT: 22.81 min Scan# 3425
Delta R.T. -0.03 min
Lab File: BG017750.D
Acq: 22 Jun 2015 18:03

Tgt Ion:252 Resp: 145939
Ion Ratio Lower Upper
252 100
253 22.5 19.0 28.6
125 13.2 10.3 15.5





#89

Benzo(a)pyrene

Concen: 5.72 ng

RT: 23.34 min Scan# 3515

Delta R.T. -0.03 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

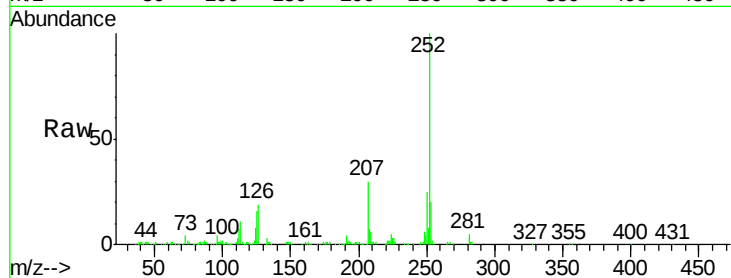
Tgt Ion:252 Resp: 138509

Ion Ratio Lower Upper

252 100

253 20.1 19.0 28.6

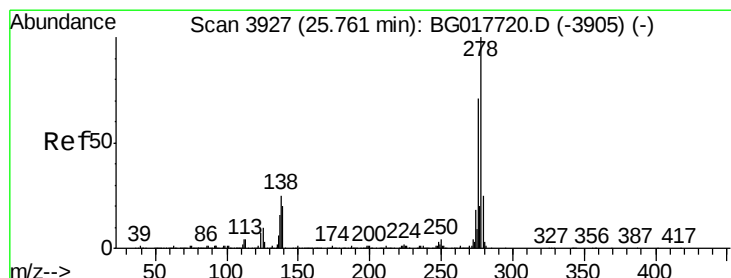
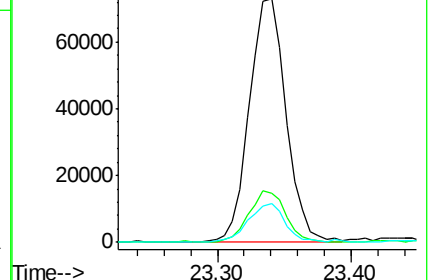
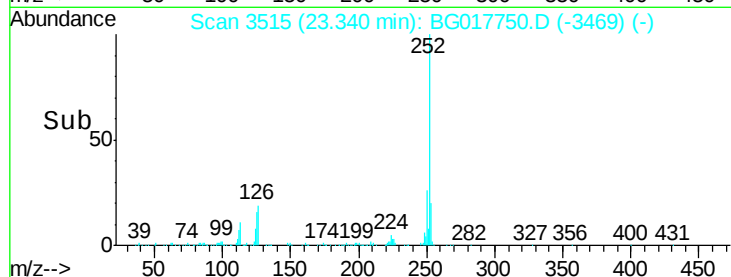
125 16.0 11.1 16.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 5.45 ng

RT: 25.71 min Scan# 3919

Delta R.T. -0.05 min

Lab File: BG017750.D

Acq: 22 Jun 2015 18:03

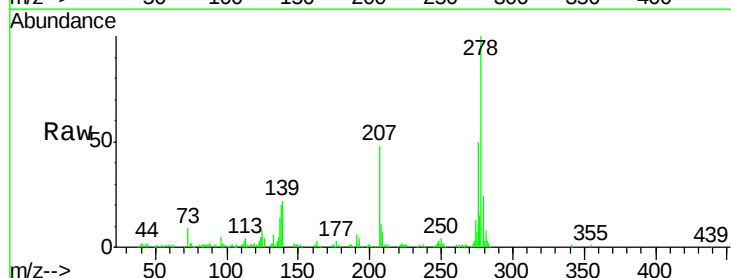
Tgt Ion:278 Resp: 133666

Ion Ratio Lower Upper

278 100

139 22.3 16.2 24.2

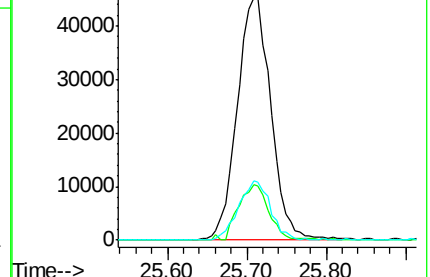
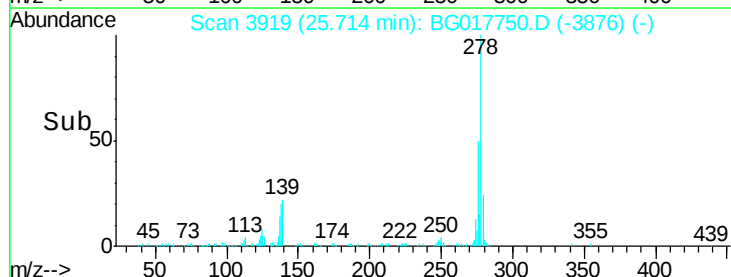
279 24.1 19.9 29.9

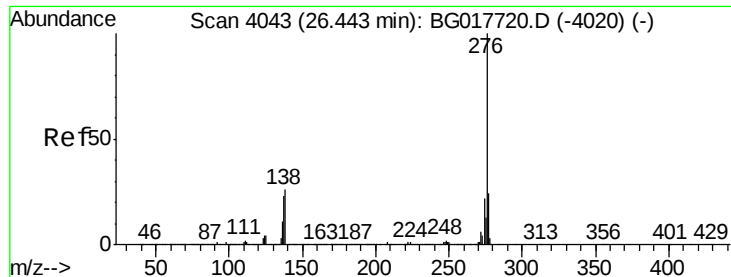


Abundance Ion 278.00 (277.70 to 278.70): E

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: 5.33 ng

RT: 26.38 min Scan# 4032

Delta R.T. -0.06 min

Lab File: BG017750.D

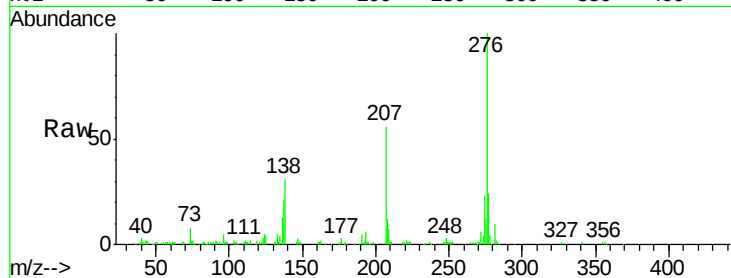
Acq: 22 Jun 2015 18:03

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01



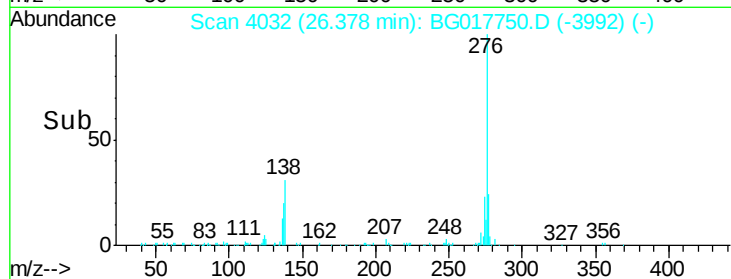
Tgt Ion: 276 Resp: 126505

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 31.0 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

