

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062315\
 Data File : BG017758.D
 Acq On : 23 Jun 2015 15:40
 Operator : TP/IZ
 Sample : G2653-04
 Misc : LOQ-SVOC-SOIL-20PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Quant Time: Jun 24 00:57:56 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	84177	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	389538	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	242751	20.00	ng	-0.01
63) Phenanthrene-d10	17.02	188	537201	20.00	ng	-0.01
75) Chrysene-d12	21.21	240	558573	20.00	ng	-0.02
86) Perylene-d12	23.44	264	535179	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	548196	114.29	ng	-0.01
7) Phenol-d6	6.79	99	762884	113.16	ng	-0.01
23) Nitrobenzene-d5	8.76	82	466635	68.91	ng	-0.02
41) 2,4,6-Tribromophenol	15.76	330	221808	98.54	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	944691	63.20	ng	-0.02
78) Terphenyl-d14	19.66	244	1429832	58.17	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	33887	16.22	ng	# 77
3) Pyridine	3.55	79	105386	18.12	ng	98
4) n-Nitrosodimethylamine	3.47	42	55145	20.87	ng	93
6) Aniline	6.94	93	121242	13.08	ng	99
8) 2-Chlorophenol	7.17	128	109216	18.20	ng	85
9) Benzaldehyde	6.75	77	93538	23.93	ng	93
10) Phenol	6.81	94	146224	19.90	ng	96
11) bis(2-Chloroethyl)ether	7.04	93	100298	18.00	ng	96
12) 1,3-Dichlorobenzene	7.49	146	100267	15.02	ng	92
13) 1,4-Dichlorobenzene	7.64	146	104175	15.10	ng	97
14) 1,2-Dichlorobenzene	7.95	146	99692	15.31	ng	97
15) Benzyl Alcohol	7.85	79	102160	17.60	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.15	45	160740	18.90	ng	98
17) 2-Methylphenol	8.05	107	94130	17.21	ng	97
18) Hexachloroethane	8.67	117	41944	15.86	ng	94
19) n-Nitroso-di-n-propylamine	8.41	70	92313	16.27	ng	93
20) 3+4-Methylphenols	8.38	107	127303	17.25	ng	95
22) Acetophenone	8.42	105	149709	16.95	ng	# 95
24) Nitrobenzene	8.80	77	132821	18.25	ng	95
25) Isophorone	9.32	82	244194	16.19	ng	94
26) 2-Nitrophenol	9.51	139	55848	16.82	ng	90
27) 2,4-Dimethylphenol	9.57	122	105648	16.80	ng	95
28) bis(2-Chloroethoxy)methane	9.81	93	133029	17.50	ng	99
29) 2,4-Dichlorophenol	10.04	162	94254	17.01	ng	97
30) 1,2,4-Trichlorobenzene	10.26	180	86976	13.97	ng	98
31) Naphthalene	10.44	128	328105	15.58	ng	98
32) Benzoic acid	9.67	122	43265	18.27	ng	95
33) 4-Chloroaniline	10.55	127	93811	10.18	ng	96
34) Hexachlorobutadiene	10.73	225	50140	14.07	ng	98
35) Caprolactam	11.31	113	48834	15.86	ng	87
36) 4-Chloro-3-methylphenol	11.68	107	119645	17.45	ng	94
37) 2-Methylnaphthalene	12.06	142	240656	15.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	100086	15.37	ng	96
40) Hexachlorocyclopentadiene	12.42	237	59584	13.63	ng	95

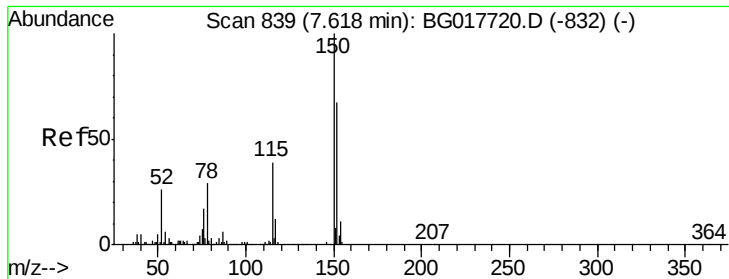
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062315\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 06:05:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	69940	15.87	ng	92
43) 2,4,5-Trichlorophenol	12.75	196	80101	16.67	ng	94
45) 1,1'-Biphenyl	13.09	154	300947	16.78	ng	96
46) 2-Chloronaphthalene	13.13	162	227461	15.75	ng	97
47) 2-Nitroaniline	13.34	65	91756	21.26	ng	86
48) Acenaphthylene	13.98	152	395785	15.34	ng	98
49) Dimethylphthalate	13.73	163	294686	15.87	ng	99
50) 2,6-Dinitrotoluene	13.84	165	67911	17.74	ng	94
51) Acenaphthene	14.33	154	237335	15.25	ng	96
52) 3-Nitroaniline	14.17	138	61780	13.81	ng	90
53) 2,4-Dinitrophenol	14.37	184	28020	20.97	ng	# 88
54) Dibenzofuran	14.66	168	363747	16.59	ng	98
55) 4-Nitrophenol	14.48	139	63823	18.06	ng	94
56) 2,4-Dinitrotoluene	14.63	165	89745	18.24	ng	# 81
57) Fluorene	15.31	166	314802	15.89	ng	95
58) 2,3,4,6-Tetrachlorophenol	14.89	232	66729	16.74	ng	92
59) Diethylphthalate	15.10	149	321990	15.99	ng	97
60) 4-Chlorophenyl-phenylether	15.31	204	144953	15.94	ng	95
61) 4-Nitroaniline	15.34	138	86204	17.36	ng	91
62) Azobenzene	15.61	77	377531	17.89	ng	95
64) 4,6-Dinitro-2-methylphenol	15.40	198	43020	19.70	ng	91
65) n-Nitrosodiphenylamine	15.53	169	275676	16.06	ng	98
66) 4-Bromophenyl-phenylether	16.21	248	85990	15.50	ng	95
67) Hexachlorobenzene	16.32	284	85748	14.27	ng	95
68) Atrazine	16.49	200	98160	15.67	ng	98
69) Pentachlorophenol	16.67	266	41062	13.62	ng	95
70) Phenanthrene	17.06	178	486591	16.06	ng	99
71) Anthracene	17.15	178	493364	16.31	ng	98
72) Carbazole	17.42	167	460960	15.54	ng	97
73) Di-n-butylphthalate	18.01	149	601810	16.26	ng	98
74) Fluoranthene	19.08	202	542381	15.68	ng	97
76) Benzidine	19.27	184	124745	6.70	ng	98
77) Pyrene	19.44	202	569700	16.03	ng	96
79) Butylbenzylphthalate	20.37	149	270744	16.10	ng	95
80) Benzo(a)anthracene	21.20	228	496964	15.45	ng	98
81) 3,3'-Dichlorobenzidine	21.14	252	126057	10.51	ng	99
82) Chrysene	21.25	228	453381	15.36	ng	95
83) Bis(2-ethylhexyl)phthalate	21.15	149	373183	15.98	ng	95
84) Di-n-octyl phthalate	22.02	149	626098	16.33	ng	97
85) Indeno(1,2,3-cd)pyrene	25.70	276	503657	14.23	ng	98
87) Benzo(b)fluoranthene	22.77	252	483243	15.00	ng	97
88) Benzo(k)fluoranthene	22.82	252	455158	14.78	ng	100
89) Benzo(a)pyrene	23.35	252	449461	15.18	ng	96
90) Dibenzo(a,h)anthracene	25.71	278	427350	14.26	ng	99
91) Benzo(g,h,i)perylene	26.39	276	414476	14.27	ng	98

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

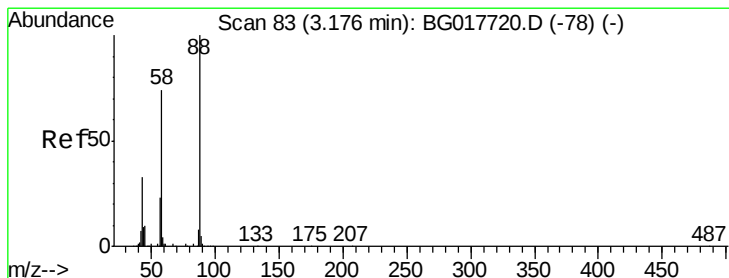
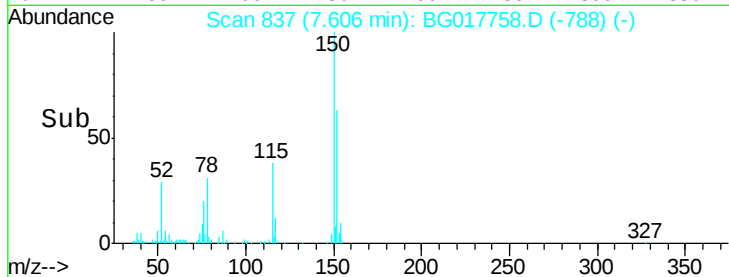
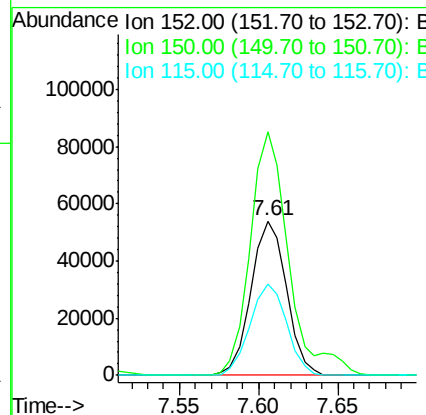
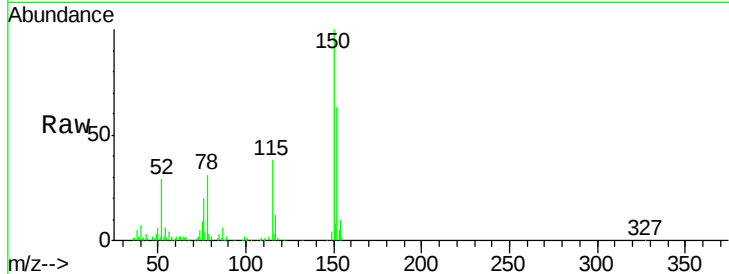


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

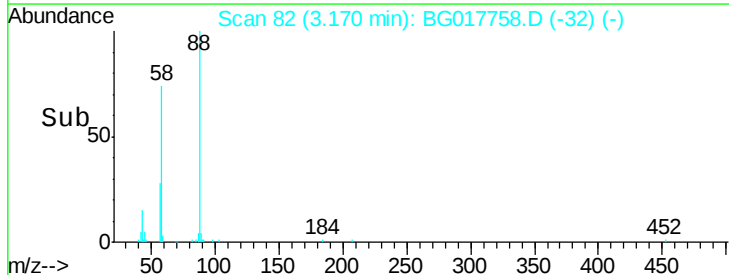
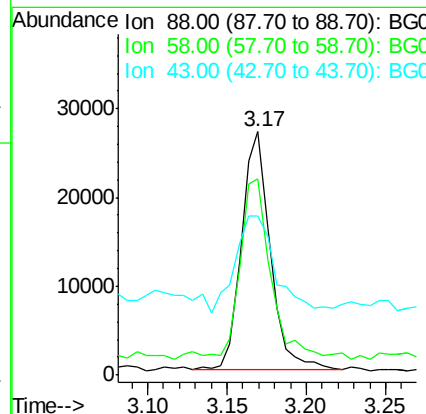
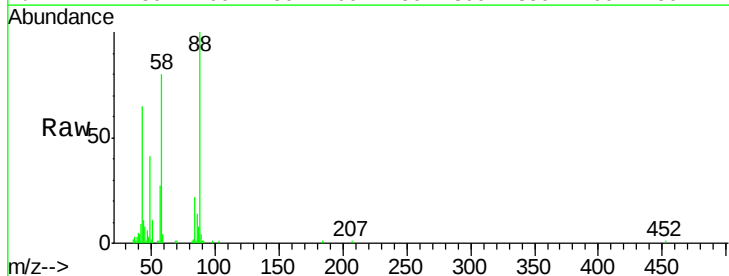
Tgt Ion:152 Resp: 84177
Ion Ratio Lower Upper
152 100
150 157.6 119.1 178.7
115 59.4 47.0 70.4

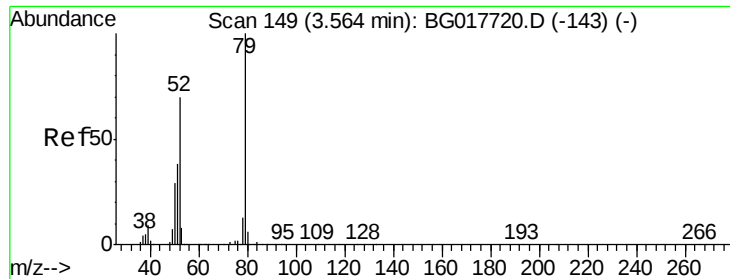


#2

1,4-Dioxane
Concen: 16.22 ng
RT: 3.17 min Scan# 82
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion: 88 Resp: 33887
Ion Ratio Lower Upper
88 100
58 81.6 55.8 83.8
43 58.1 27.4 41.2#





#3

Pyridine

Concen: 18.12 ng

RT: 3.55 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

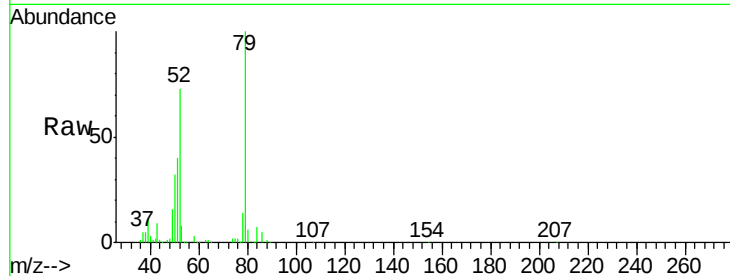
Tgt Ion: 79 Resp: 105386

Ion Ratio Lower Upper

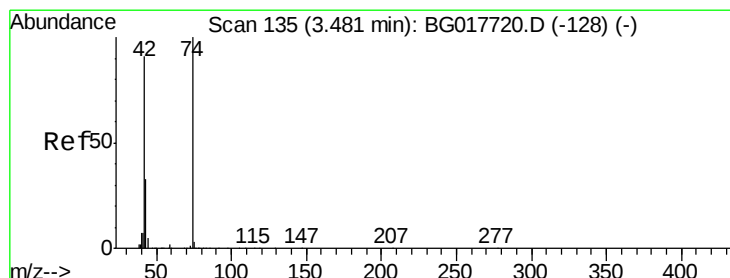
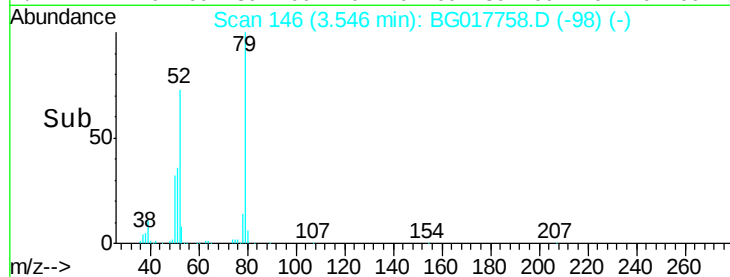
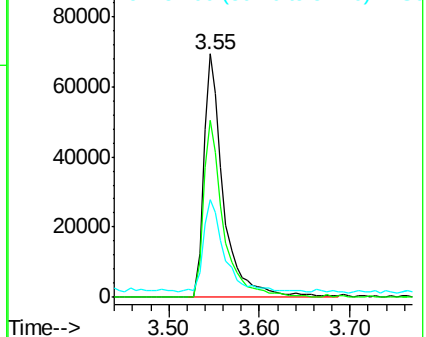
79 100

52 72.6 55.7 83.5

51 40.1 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: 20.87 ng

RT: 3.47 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

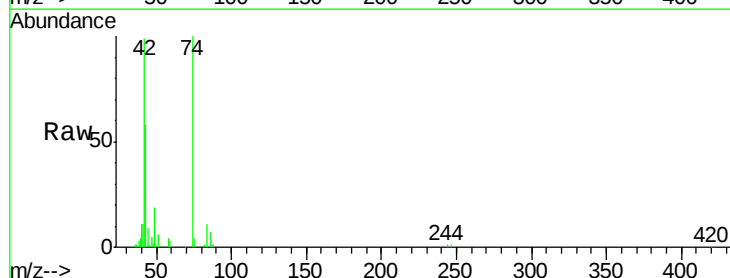
Tgt Ion: 42 Resp: 55145

Ion Ratio Lower Upper

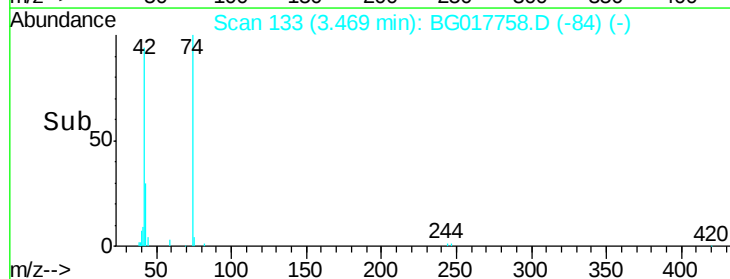
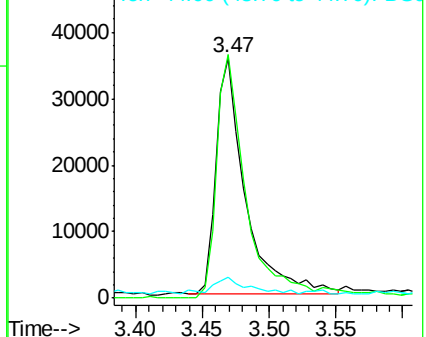
42 100

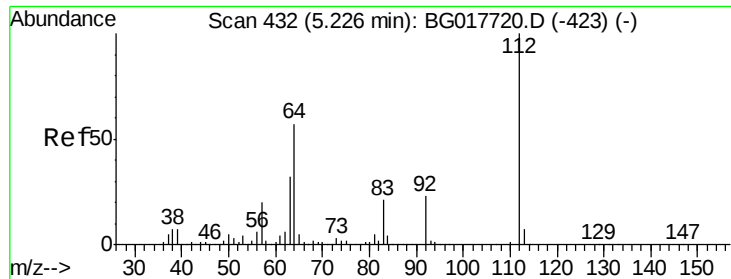
74 101.5 87.4 131.2

44 9.0 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: 114.29 ng

RT: 5.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

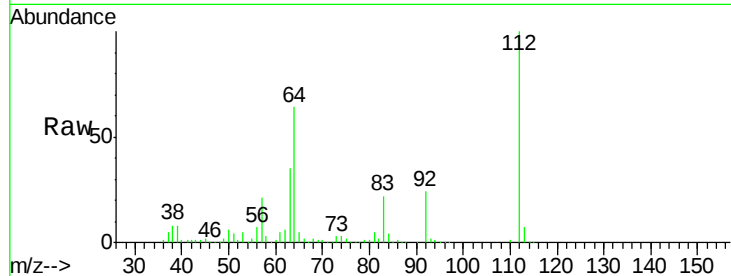
Tgt Ion: 112 Resp: 548196

Ion Ratio Lower Upper

112 100

64 63.7 45.4 68.0

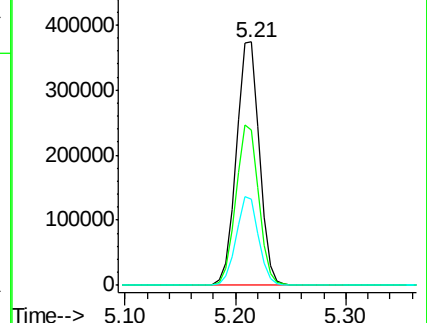
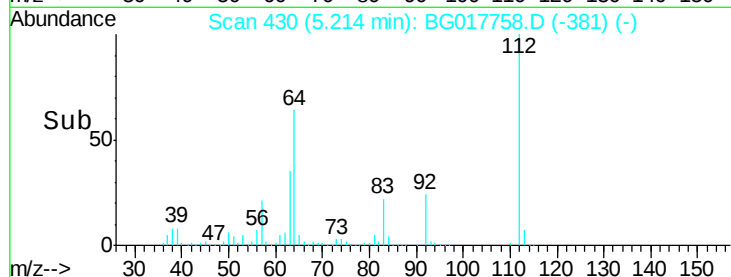
63 35.4 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.08 ng

RT: 6.94 min Scan# 724

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

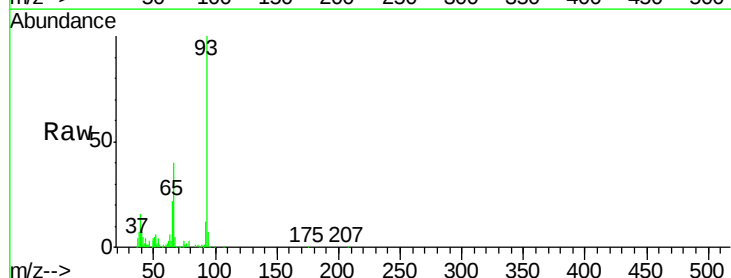
Tgt Ion: 93 Resp: 121242

Ion Ratio Lower Upper

93 100

66 40.4 32.7 49.1

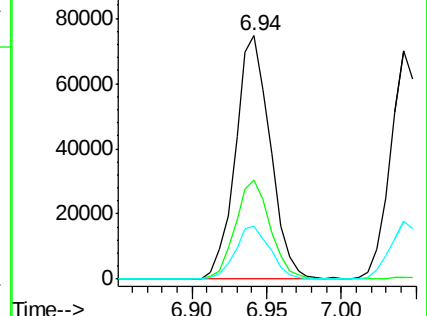
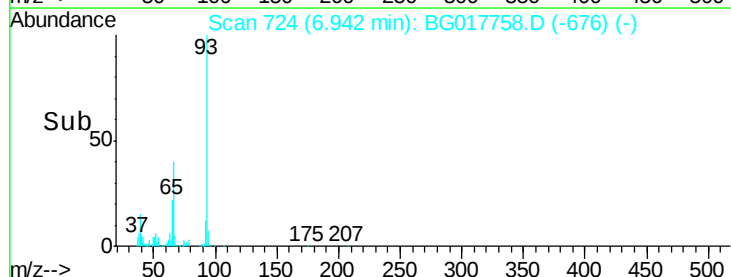
65 21.7 17.0 25.6

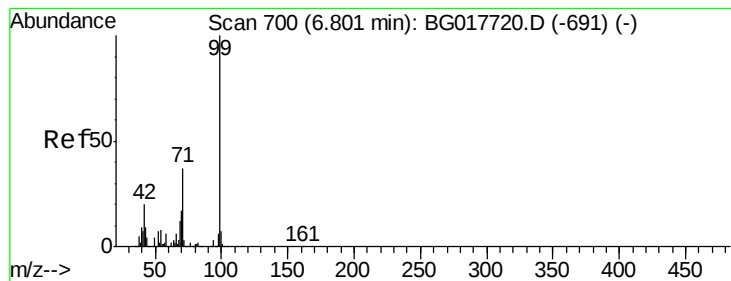


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.16 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

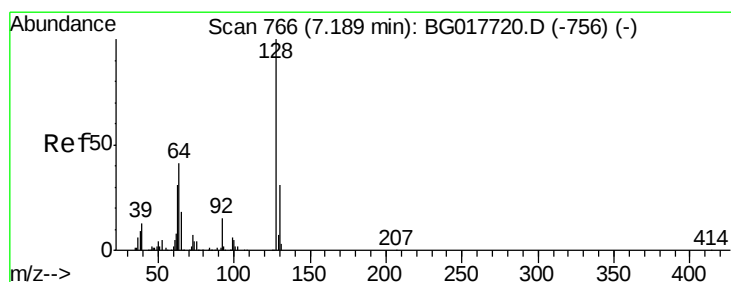
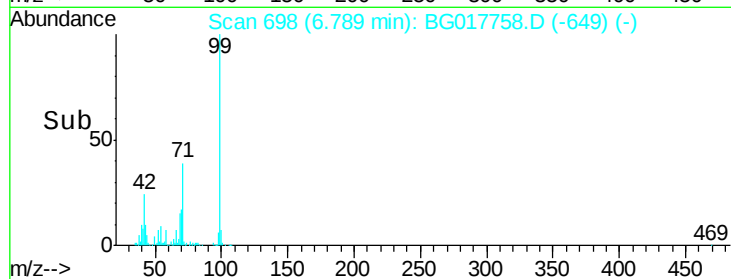
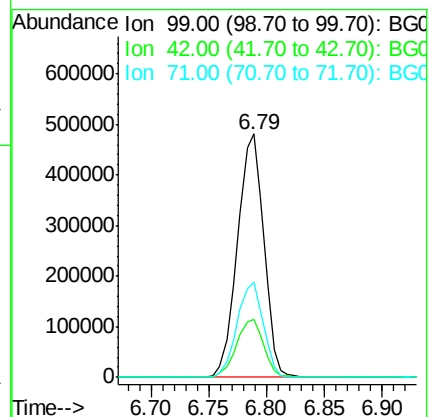
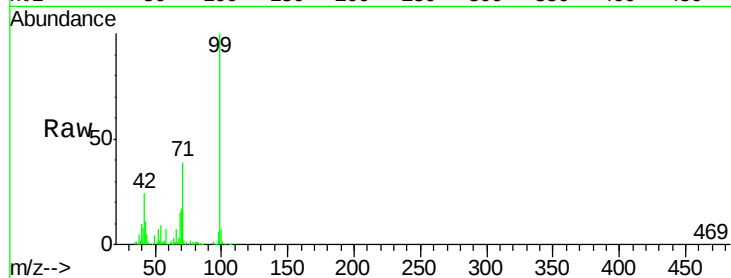
Tgt Ion: 99 Resp: 762884

Ion Ratio Lower Upper

99 100

42 23.9 16.2 24.4

71 39.2 29.5 44.3



#8

2-Chlorophenol

Concen: 18.20 ng

RT: 7.17 min Scan# 763

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

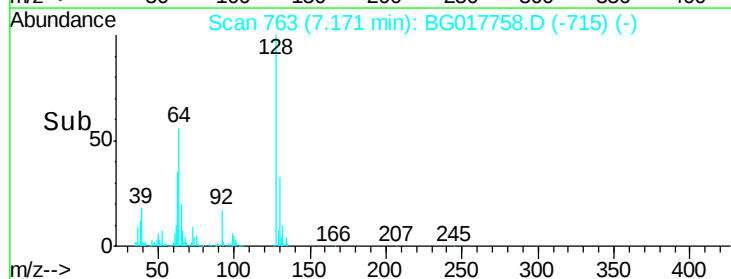
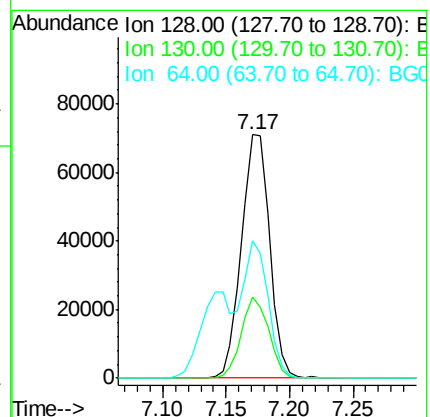
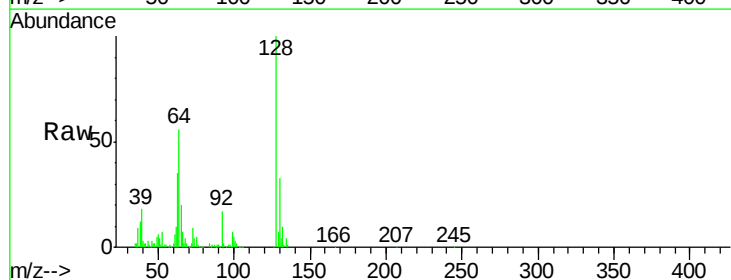
Tgt Ion: 128 Resp: 109216

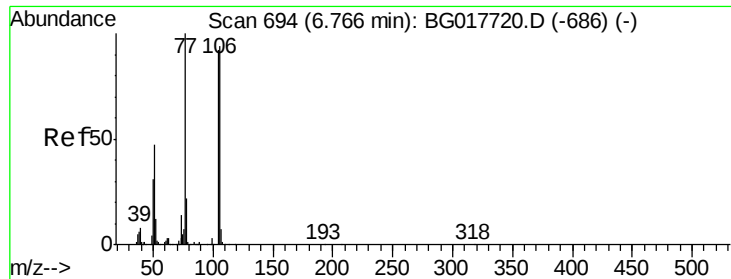
Ion Ratio Lower Upper

128 100

130 33.2 11.1 51.1

64 56.2 21.4 61.4





#9

Benzaldehyde

Concen: 23.93 ng

RT: 6.75 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

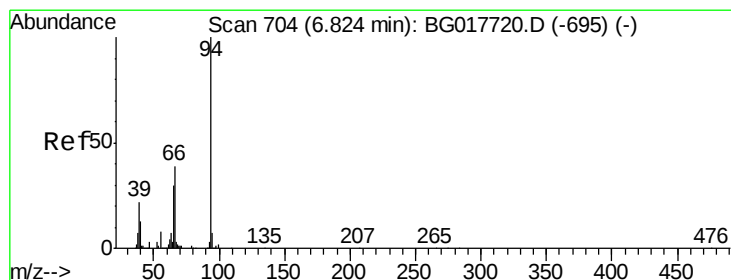
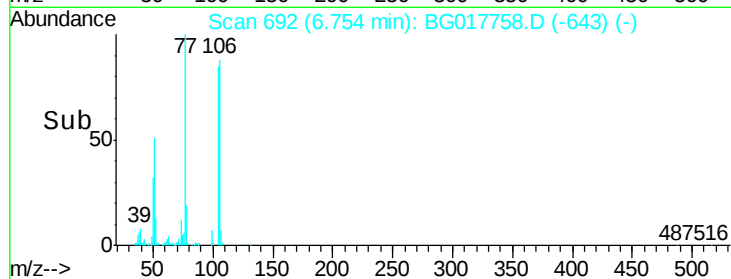
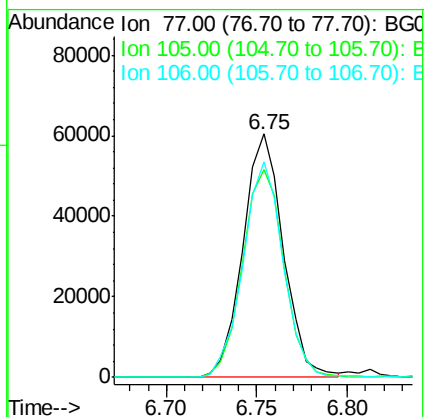
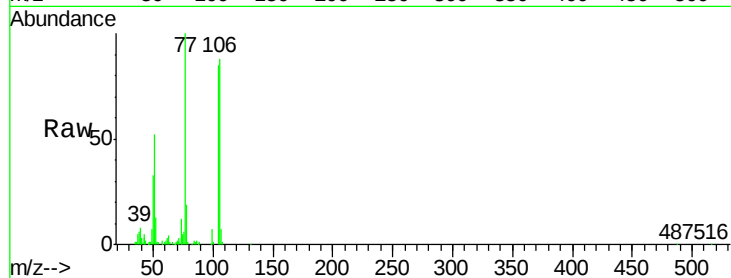
Tgt Ion: 77 Resp: 93538

Ion Ratio Lower Upper

77 100

105 85.4 71.8 111.8

106 88.2 74.5 114.5



#10

Phenol

Concen: 19.90 ng

RT: 6.81 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

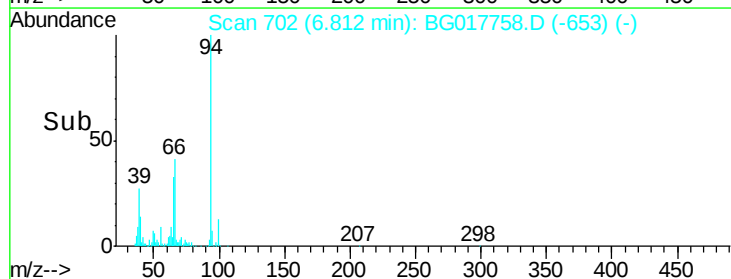
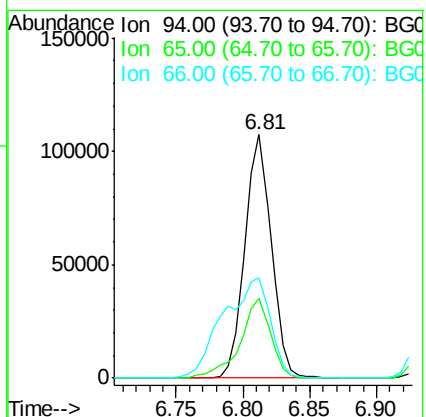
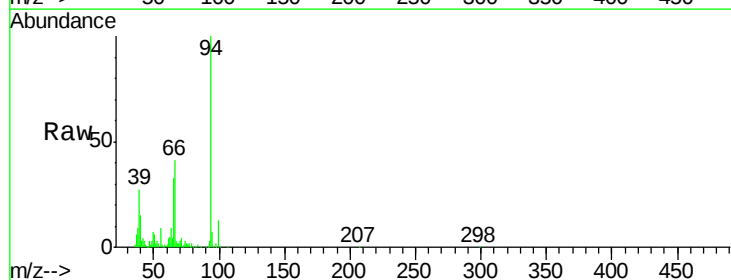
Tgt Ion: 94 Resp: 146224

Ion Ratio Lower Upper

94 100

65 32.7 9.9 49.9

66 41.3 19.4 59.4

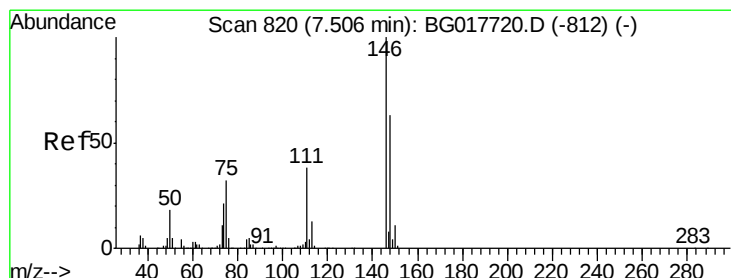
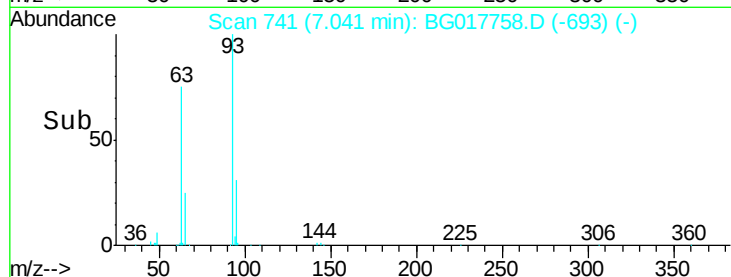
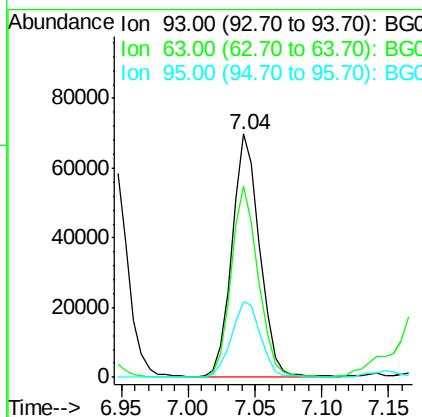
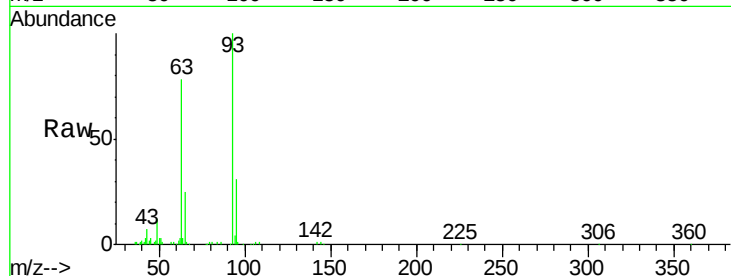




#11
bis(2-Chloroethyl)ether
Concen: 18.00 ng
RT: 7.04 min Scan# 741
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

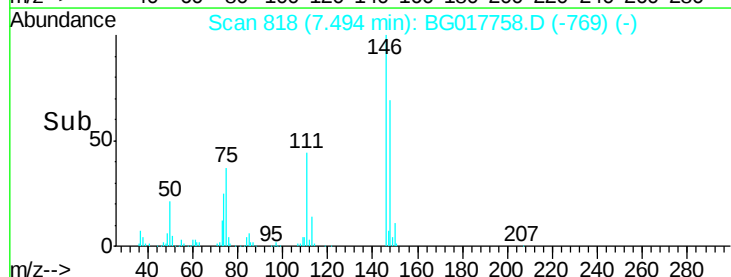
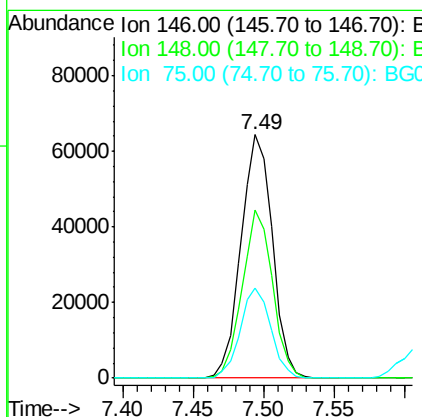
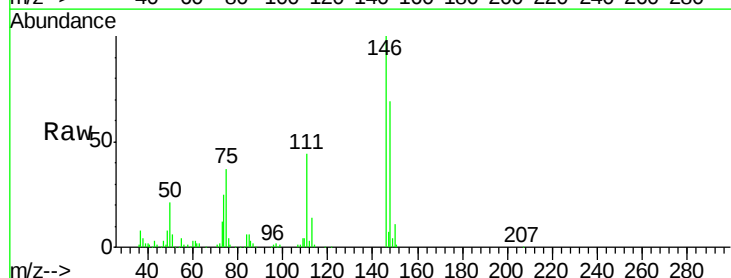
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

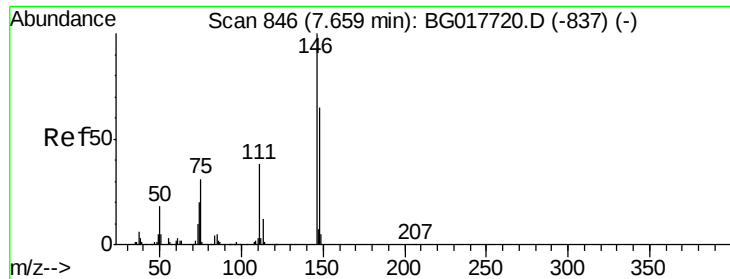
Tgt Ion: 93 Resp: 100298
Ion Ratio Lower Upper
93 100
63 78.3 54.7 94.7
95 31.1 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 15.02 ng
RT: 7.49 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion: 146 Resp: 100267
Ion Ratio Lower Upper
146 100
148 69.0 50.8 76.2
75 37.0 25.8 38.6

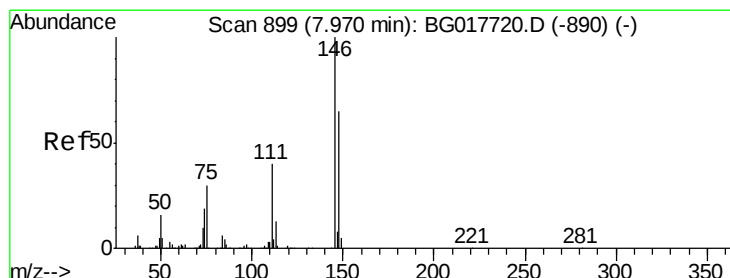
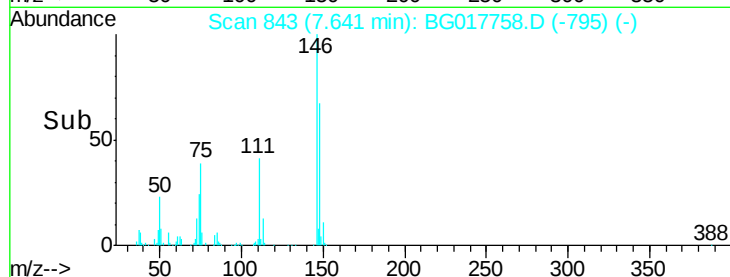
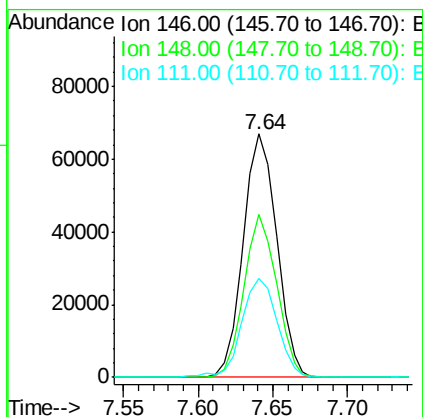
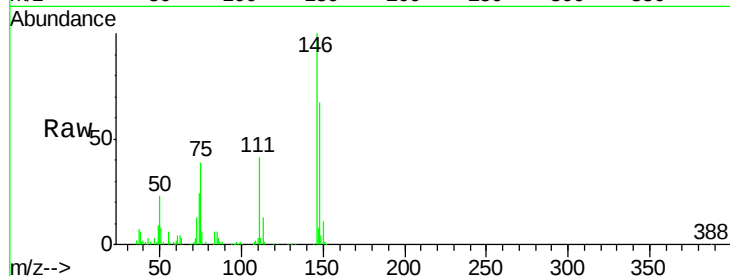




#13
 1,4-Dichlorobenzene
 Concen: 15.10 ng
 RT: 7.64 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

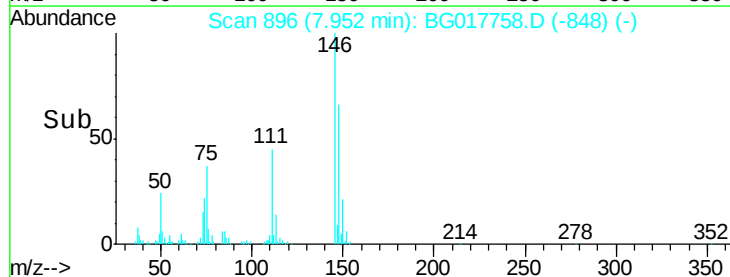
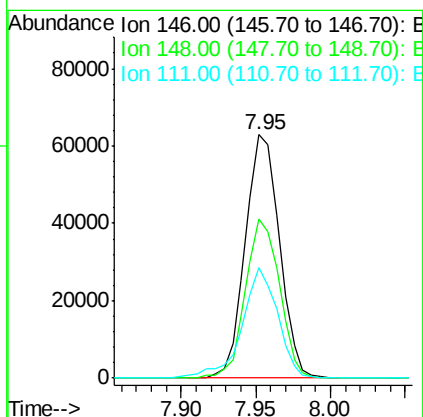
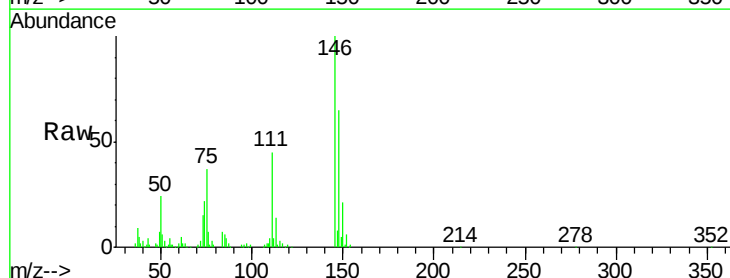
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

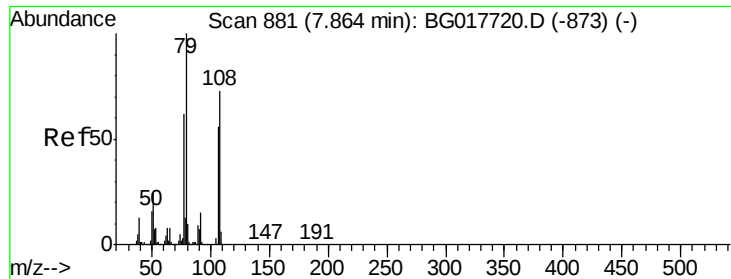
Tgt Ion:146 Resp: 104175
 Ion Ratio Lower Upper
 146 100
 148 67.2 51.8 77.6
 111 40.8 31.0 46.4



#14
 1,2-Dichlorobenzene
 Concen: 15.31 ng
 RT: 7.95 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion:146 Resp: 99692
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.4
 111 45.4 32.3 48.5

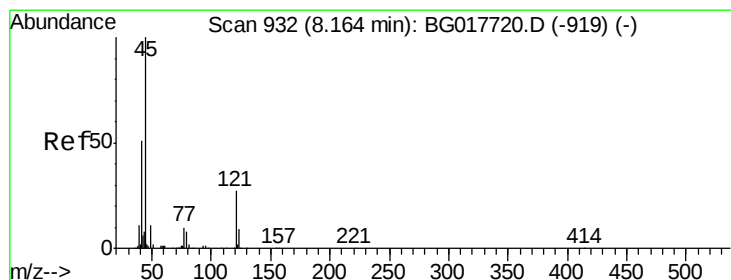
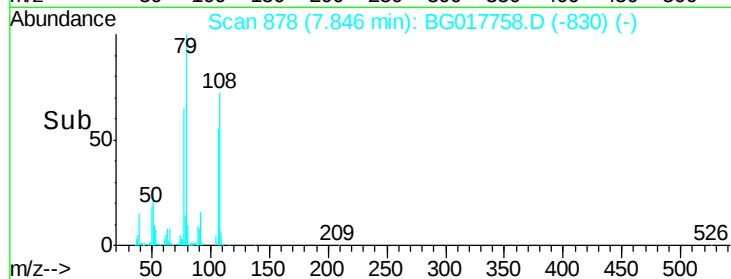
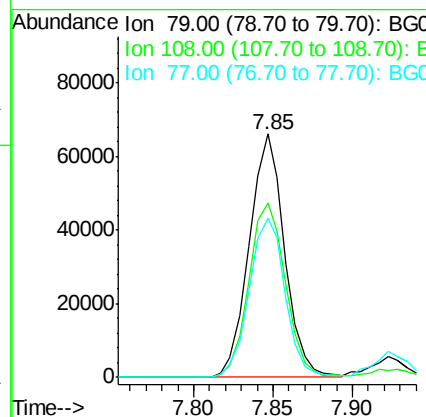
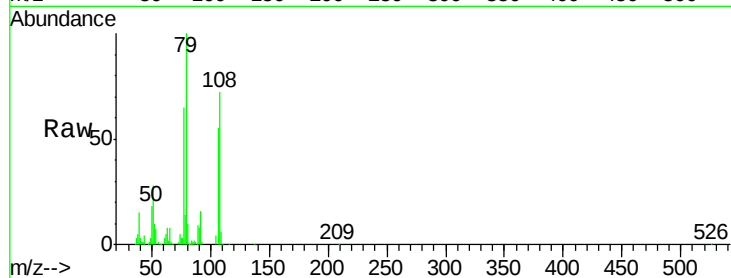




#15
Benzyl Alcohol
Concen: 17.60 ng
RT: 7.85 min Scan# 878
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

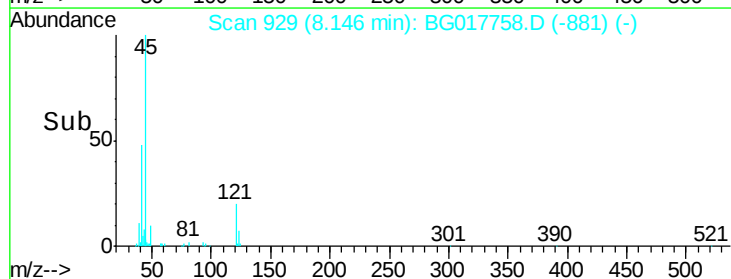
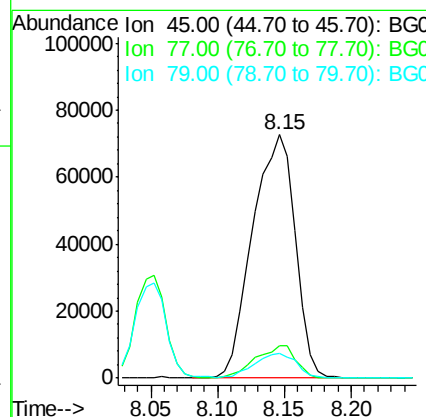
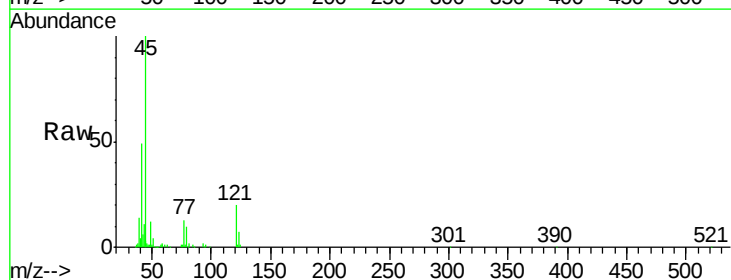
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

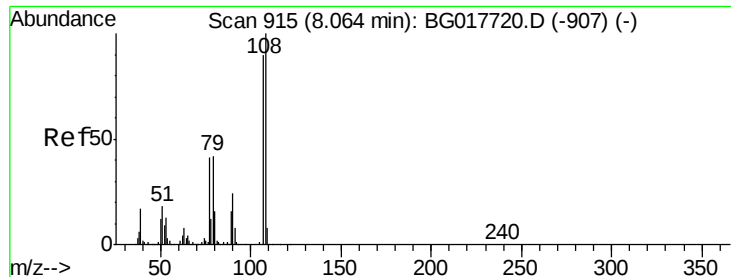
Tgt Ion: 79 Resp: 102160
Ion Ratio Lower Upper
79 100
108 71.5 58.4 87.6
77 65.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.90 ng
RT: 8.15 min Scan# 929
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion: 45 Resp: 160740
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.9
79 10.1 0.0 31.4

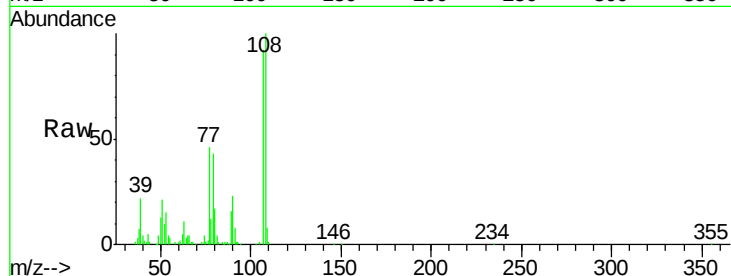




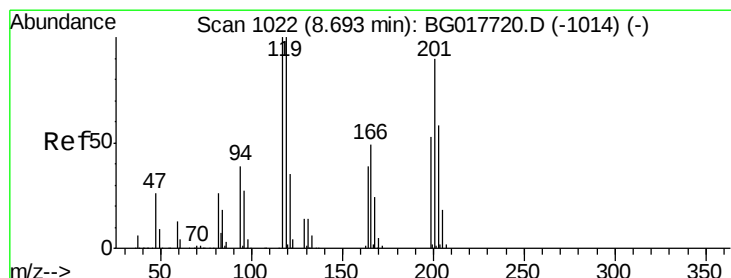
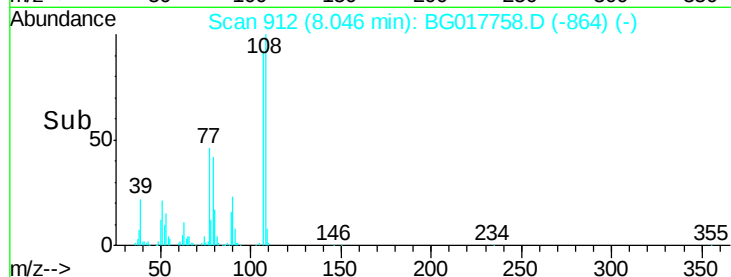
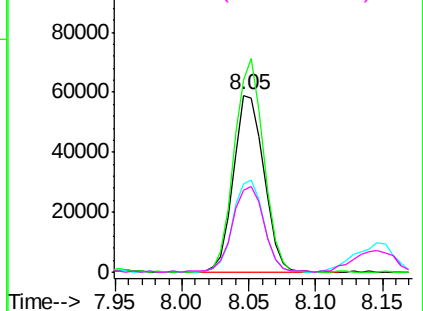
#17
2-Methylphenol
Concen: 17.21 ng
RT: 8.05 min Scan# 912
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:	107	Resp:	94130
Ion	Ratio	Lower	Upper
107	100		
108	108.6	89.3	133.9
77	50.2	36.9	55.3
79	46.4	37.6	56.4

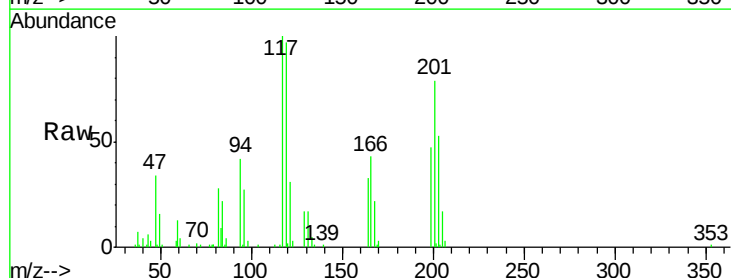


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

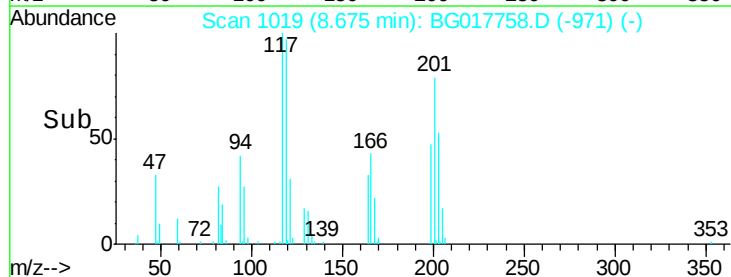
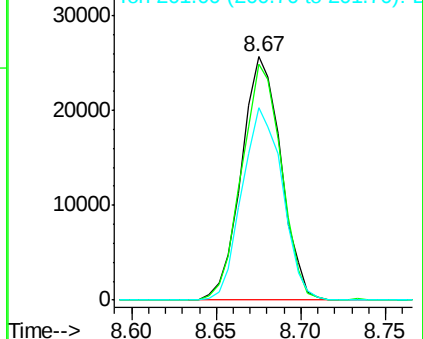


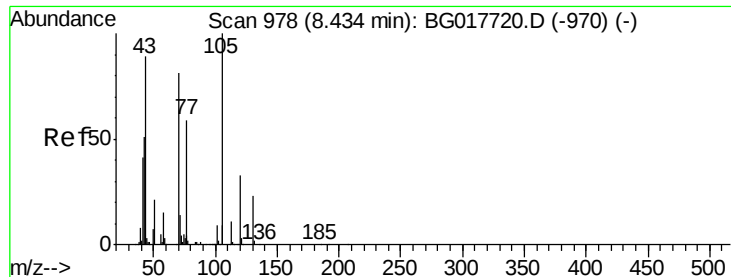
#18
Hexachloroethane
Concen: 15.86 ng
RT: 8.67 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:	117	Resp:	41944
Ion	Ratio	Lower	Upper
117	100		
119	96.8	80.1	120.1
201	81.3	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

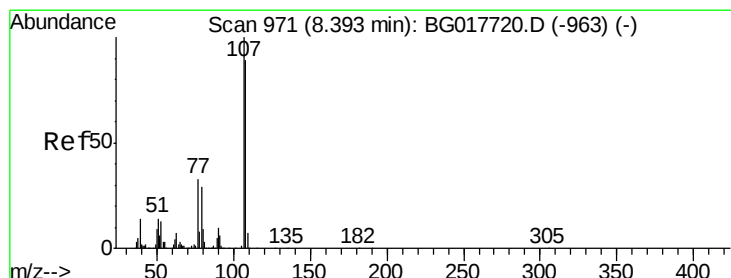
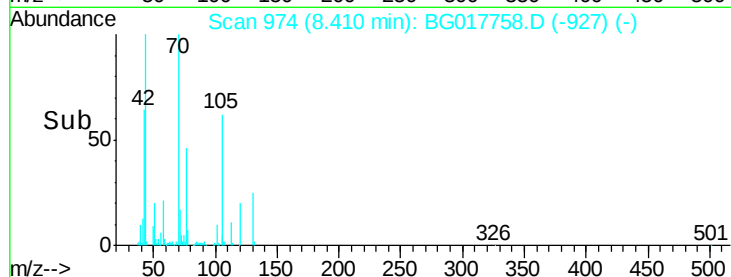
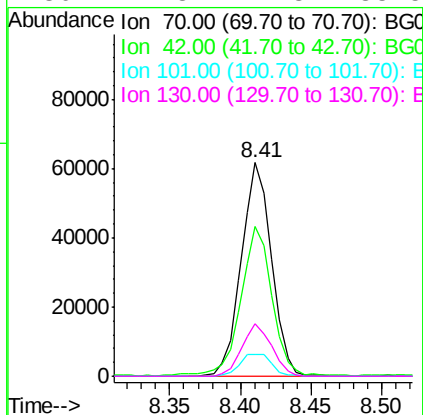
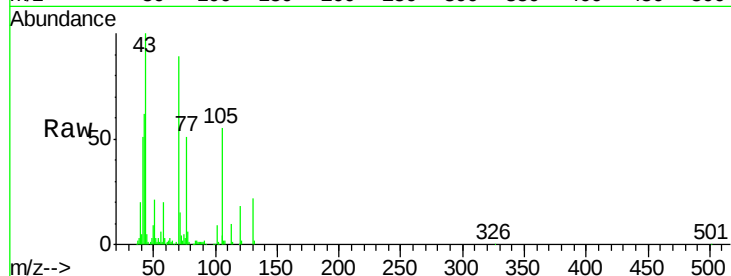




#19
n-Nitroso-di-n-propylamine
Concen: 16.27 ng
RT: 8.41 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

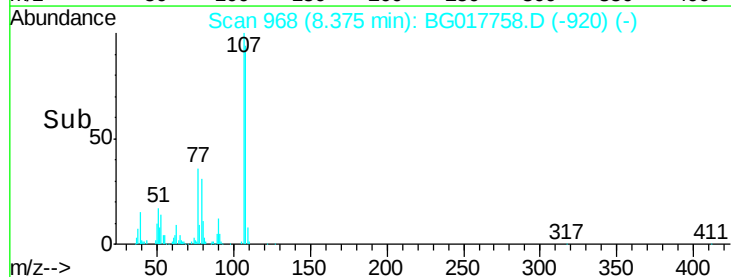
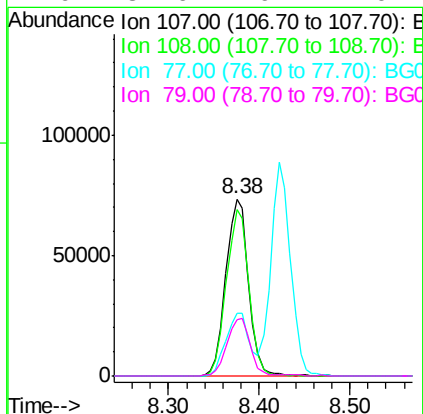
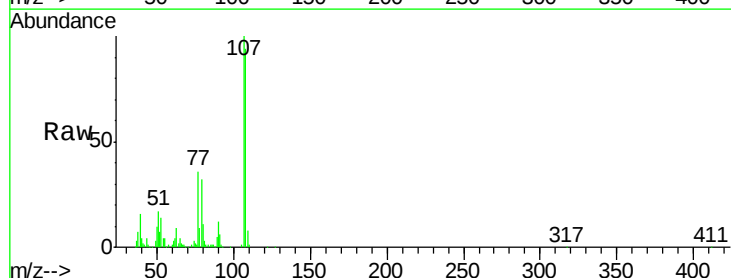
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

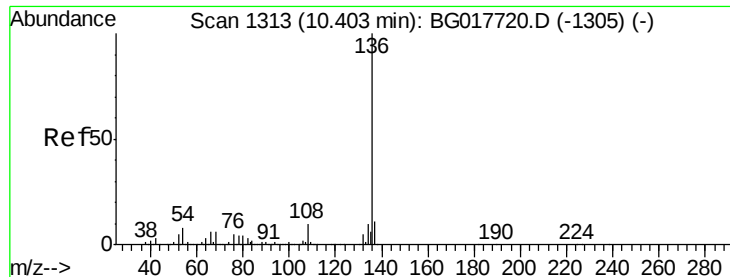
Tgt Ion:	70	Resp:	92313
Ion	Ratio	Lower	Upper
70	100		
42	69.9	50.8	76.2
101	10.0	8.7	13.1
130	24.8	22.3	33.5



#20
3+4-Methylphenols
Concen: 17.25 ng
RT: 8.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:	107	Resp:	127303
Ion	Ratio	Lower	Upper
107	100		
108	94.1	69.6	109.6
77	35.7	13.0	53.0
79	31.6	9.7	49.7

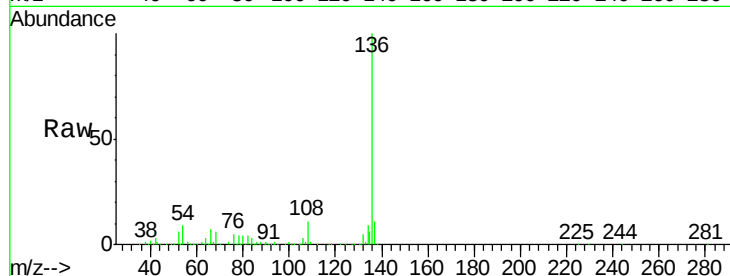




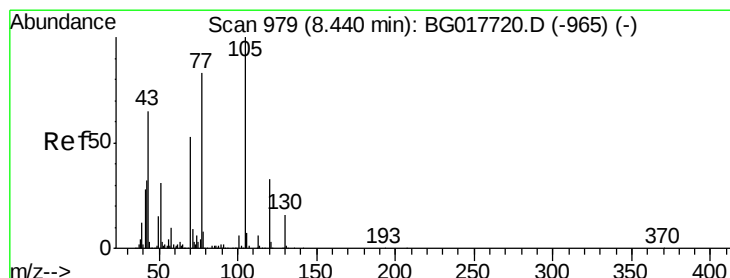
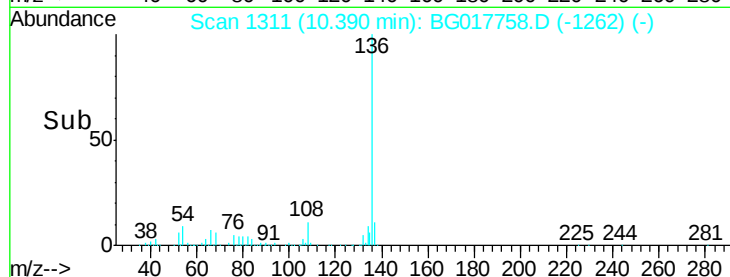
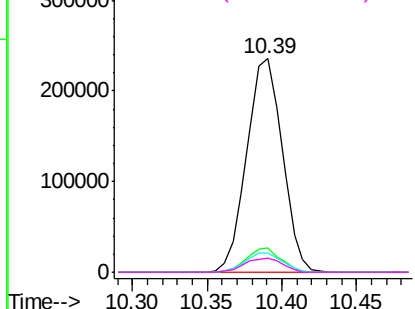
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:	136	Resp:	389538
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.1	6.6	9.8
68	6.3	5.1	7.7

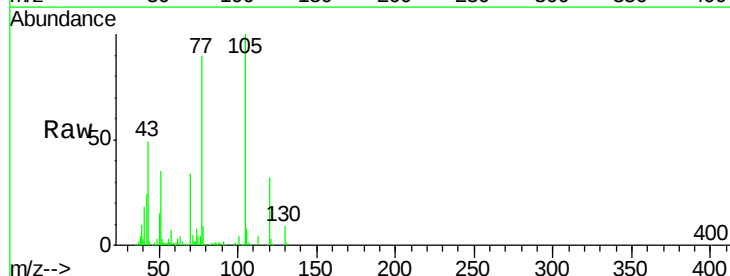


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

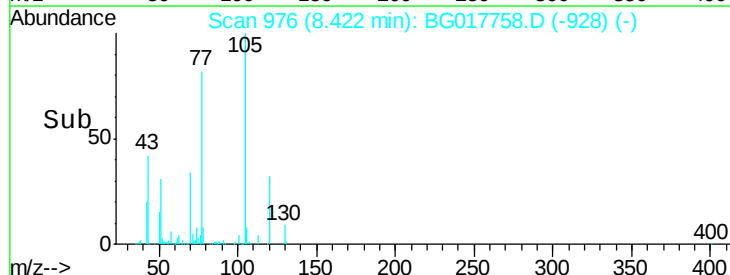
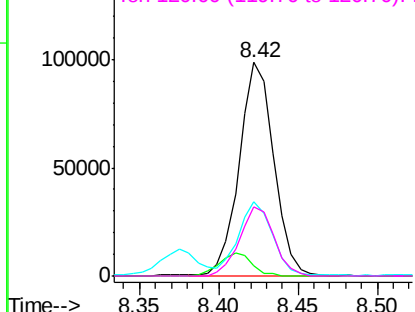


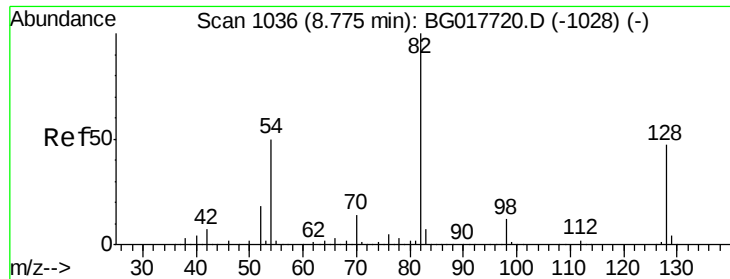
#22
Acetophenone
Concen: 16.95 ng
RT: 8.42 min Scan# 976
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:	105	Resp:	149709
Ion	Ratio	Lower	Upper
105	100		
71	5.1	7.7	11.5#
51	34.6	24.9	37.3
120	32.5	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

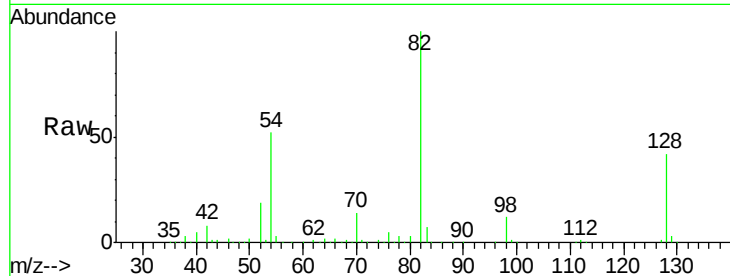




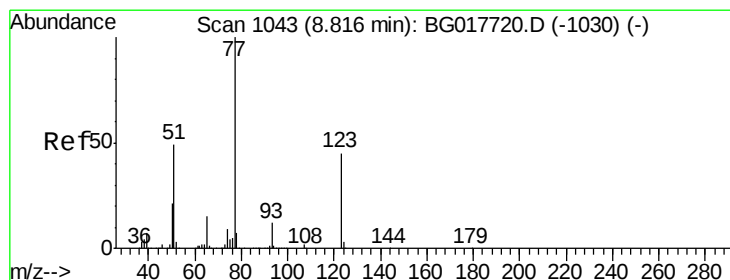
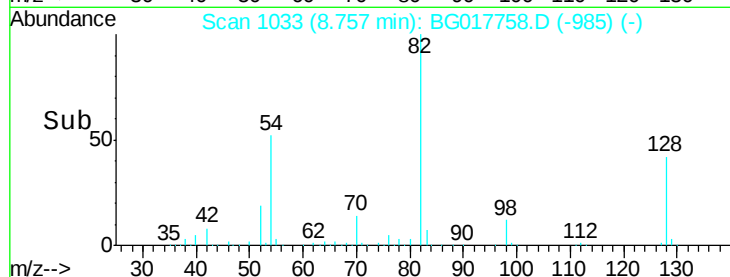
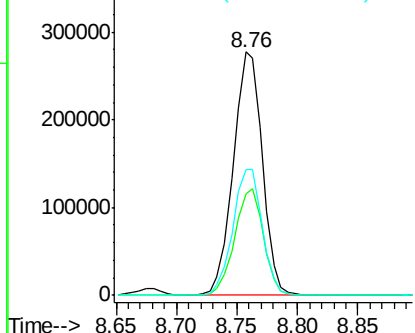
#23
 Nitrobenzene-d5
 Concen: 68.91 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	37.8	56.6
54	51.9	39.9	59.9

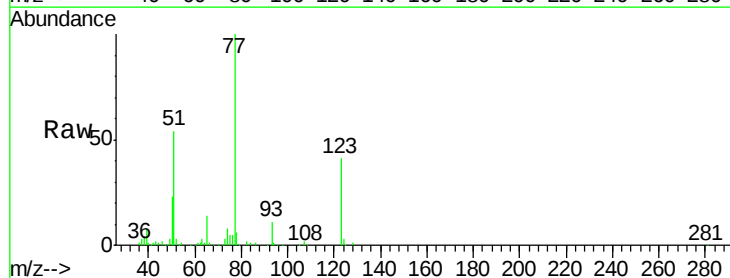


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

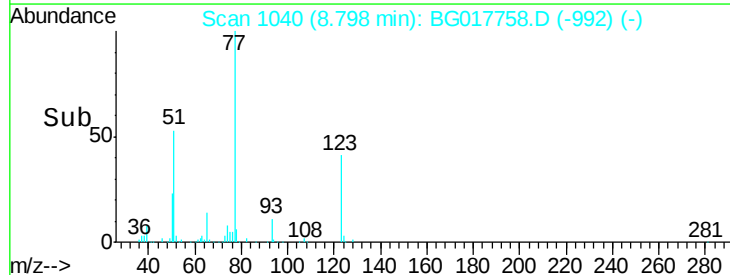
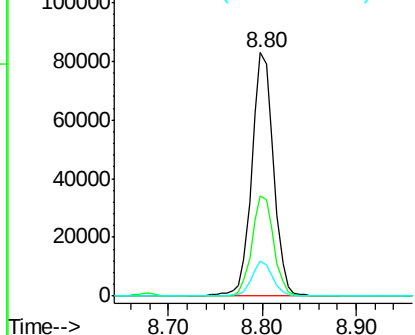


#24
 Nitrobenzene
 Concen: 18.25 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.2	36.2	54.2
65	14.4	11.7	17.5



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





#25

Isophorone

Concen: 16.19 ng

RT: 9.32 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

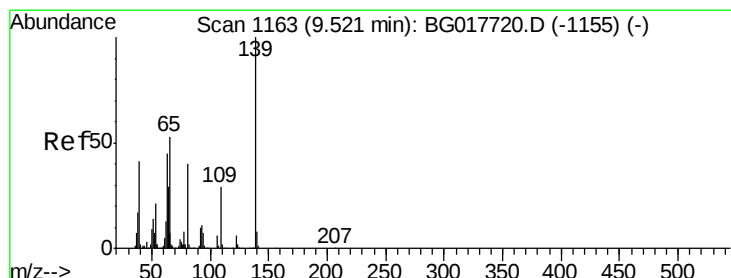
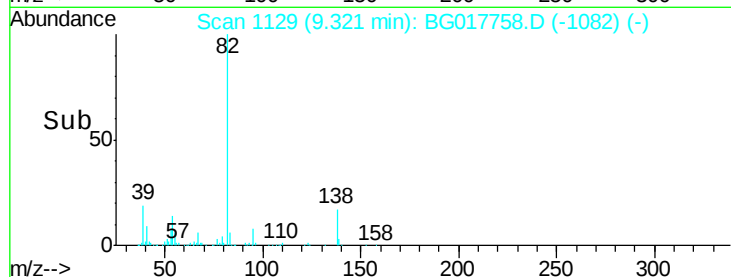
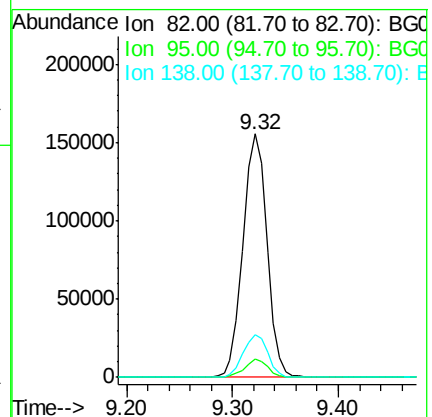
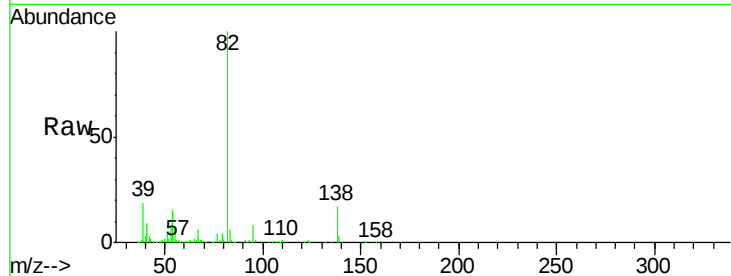
Tgt Ion: 82 Resp: 244194

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

138 17.5 17.0 25.6



#26

2-Nitrophenol

Concen: 16.82 ng

RT: 9.51 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

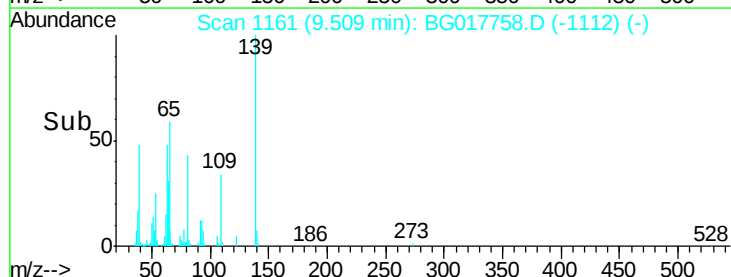
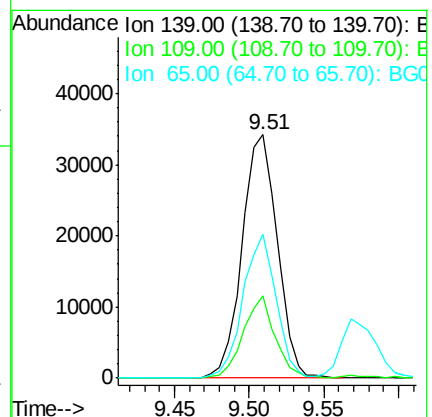
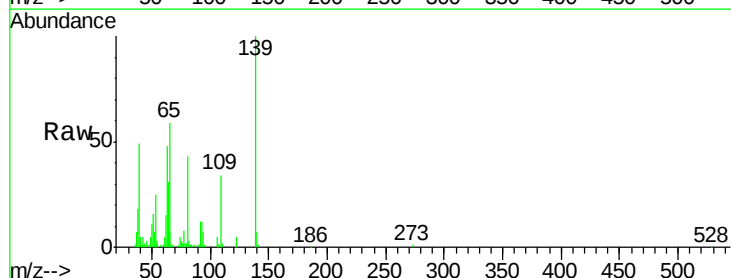
Tgt Ion: 139 Resp: 55848

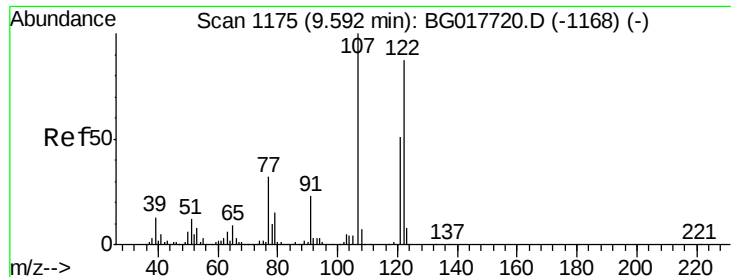
Ion Ratio Lower Upper

139 100

109 33.9 23.0 34.4

65 59.3 42.0 63.0

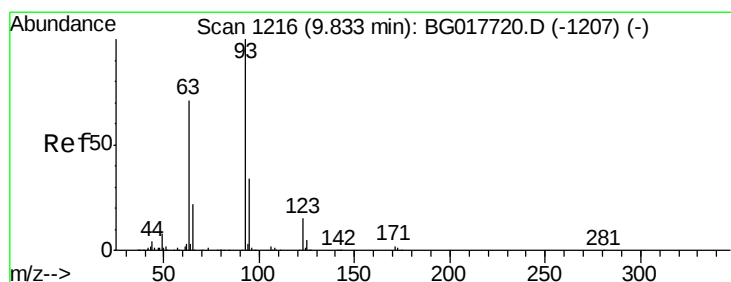
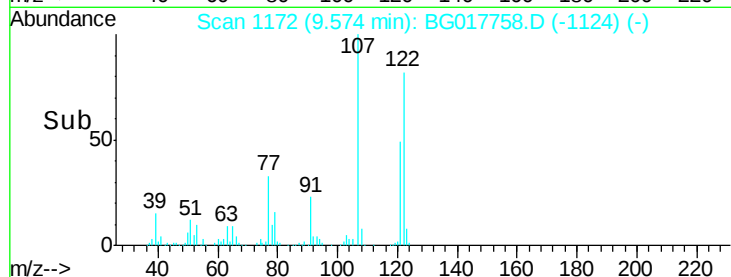
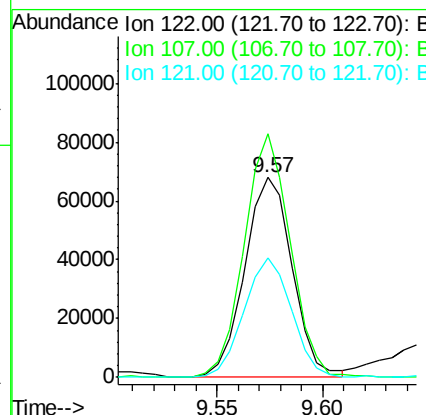
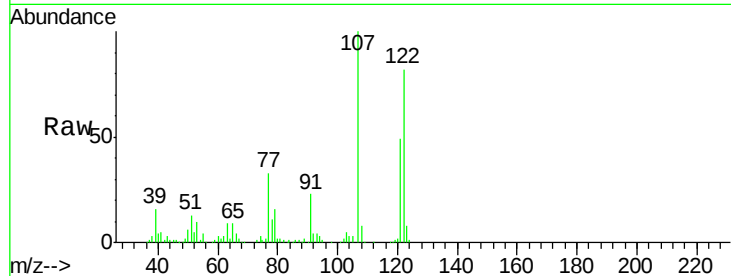




#27
 2,4-Dimethylphenol
 Concen: 16.80 ng
 RT: 9.57 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

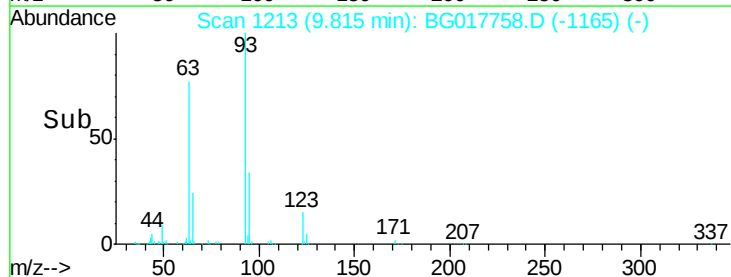
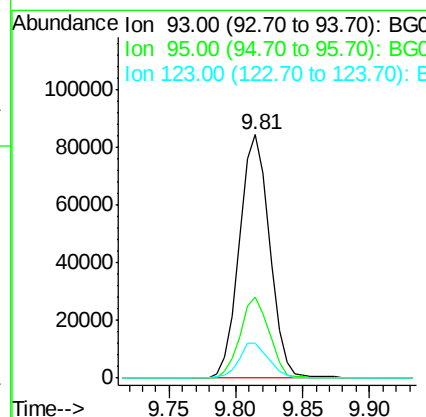
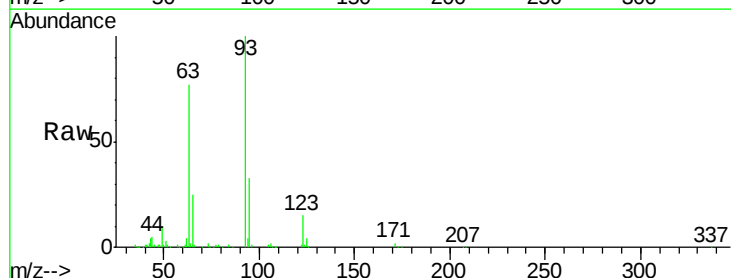
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

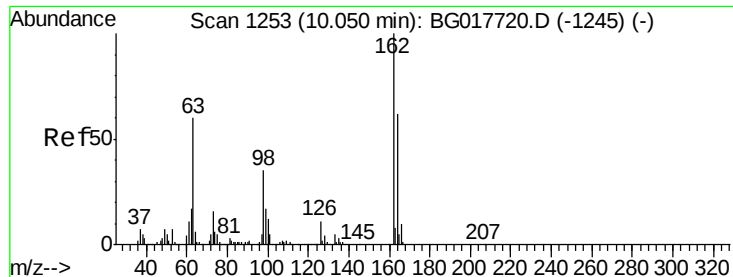
Tgt Ion:122 Resp: 105648
 Ion Ratio Lower Upper
 122 100
 107 121.9 92.2 138.2
 121 59.7 46.5 69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 17.50 ng
 RT: 9.81 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion: 93 Resp: 133029
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.9 40.3
 123 14.6 12.0 18.0

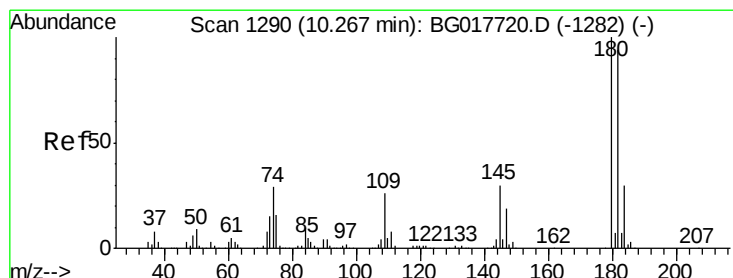
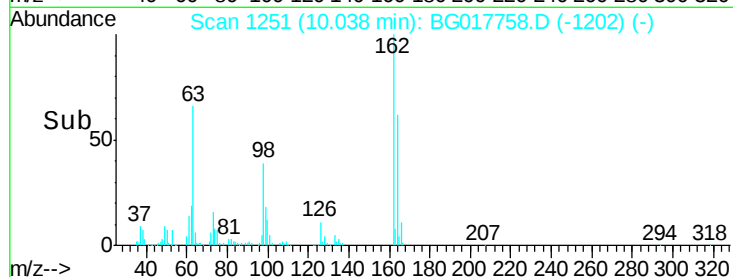
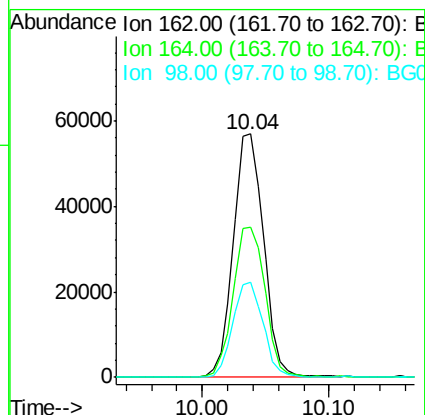
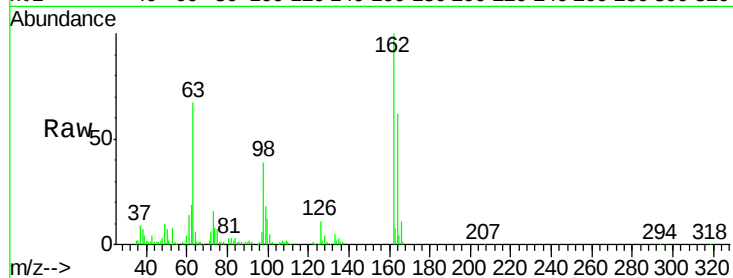




#29
2,4-Dichlorophenol
Concen: 17.01 ng
RT: 10.04 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

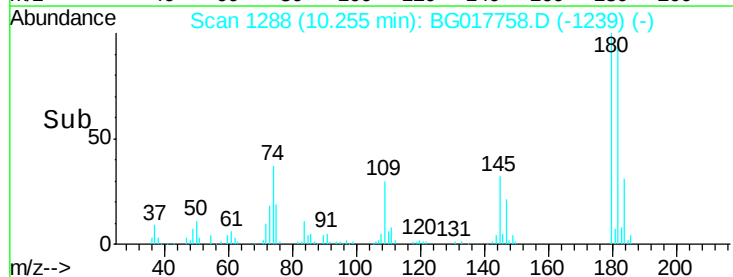
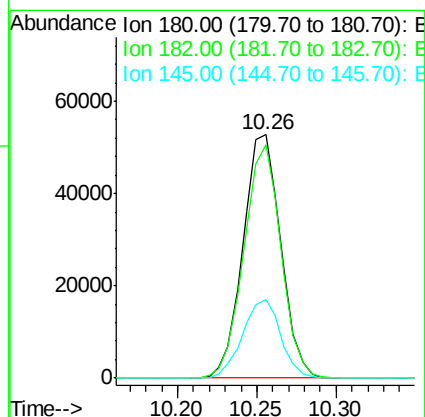
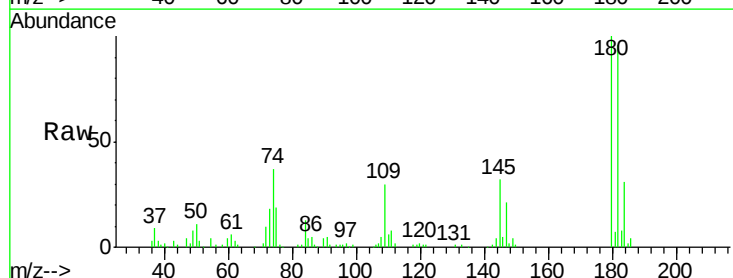
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:162 Resp: 94254
Ion Ratio Lower Upper
162 100
164 61.9 42.5 82.5
98 39.2 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 13.97 ng
RT: 10.26 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:180 Resp: 86976
Ion Ratio Lower Upper
180 100
182 95.7 75.2 112.8
145 32.3 24.1 36.1

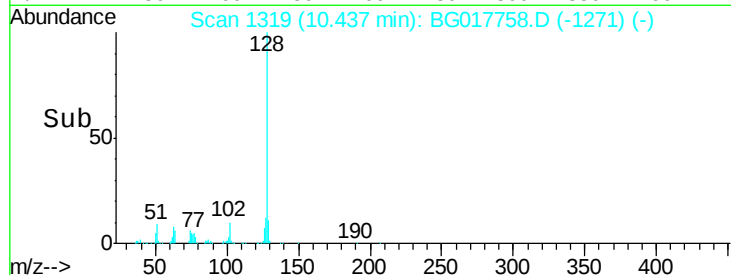
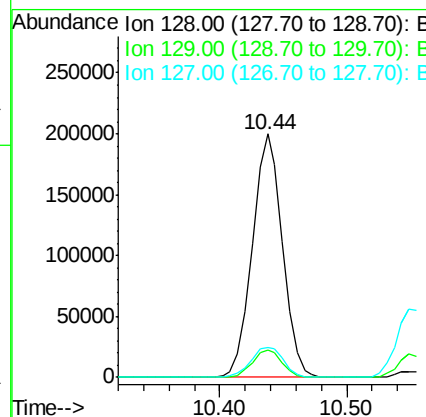
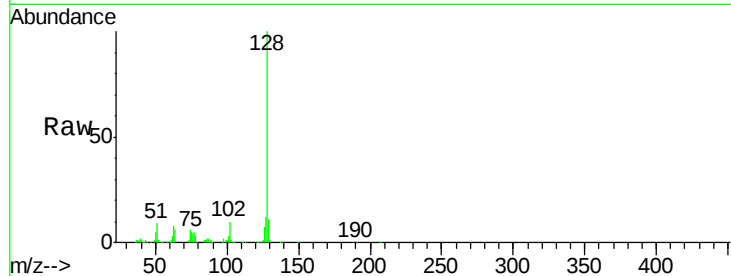




#31
Naphthalene
Concen: 15.58 ng
RT: 10.44 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

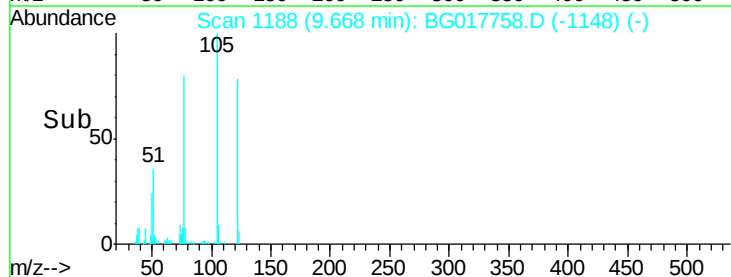
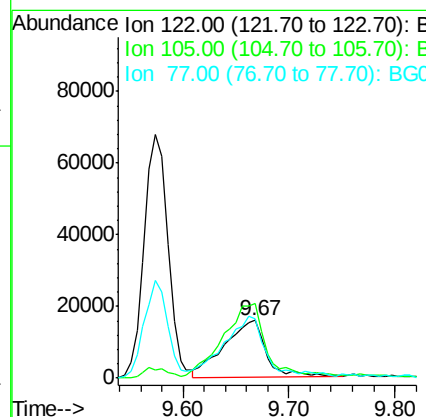
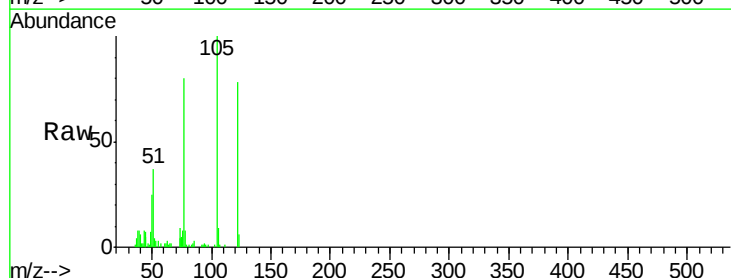
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

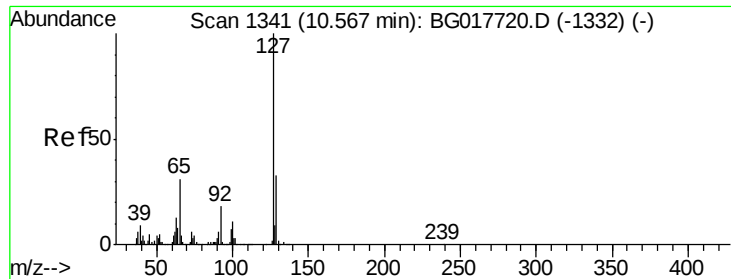
Tgt Ion:128 Resp: 328105
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.0 10.7 16.1



#32
Benzoic acid
Concen: 18.27 ng
RT: 9.67 min Scan# 1188
Delta R.T. -0.06 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:122 Resp: 43265
Ion Ratio Lower Upper
122 100
105 128.9 111.3 151.3
77 103.8 75.2 115.2

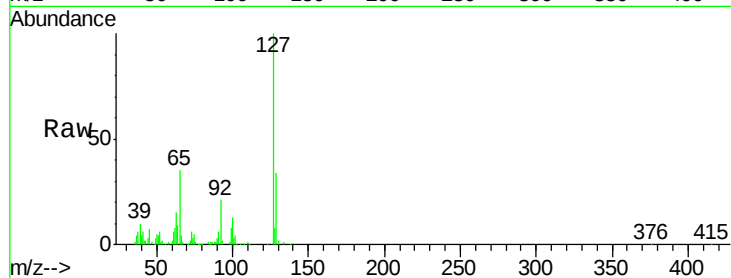




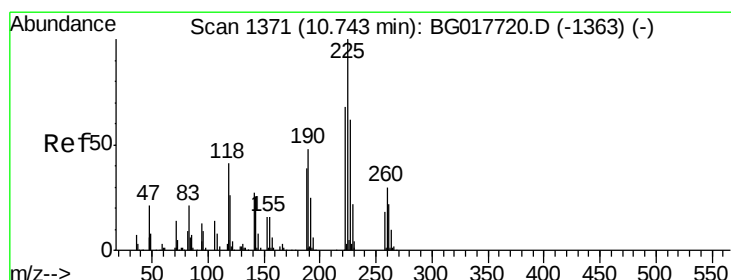
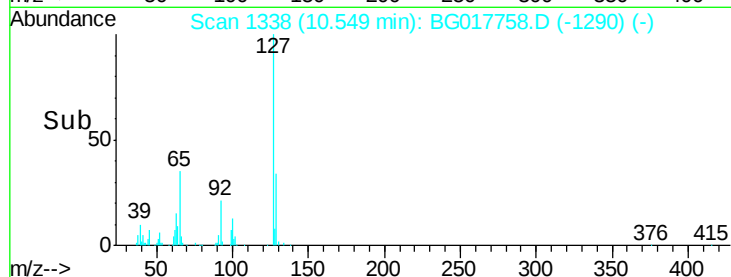
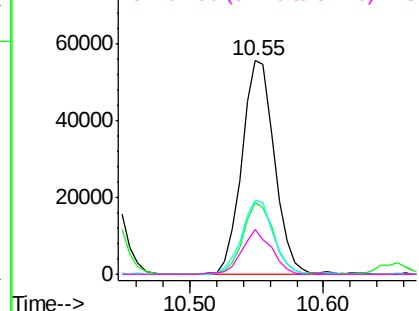
#33
4-Chloroaniline
Concen: 10.18 ng
RT: 10.55 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:	127	Resp:	93811
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.7	40.1
65	34.6	24.6	37.0
92	20.9	14.2	21.4

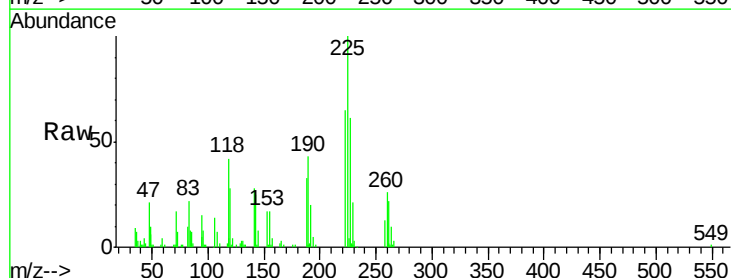


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

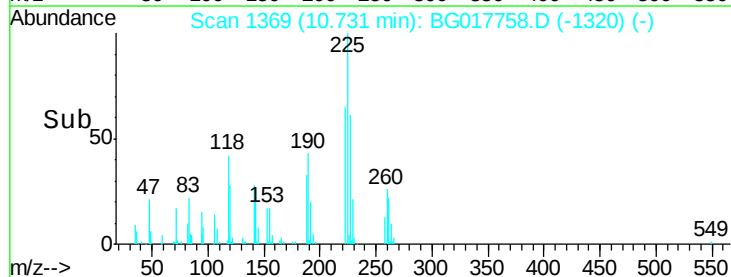
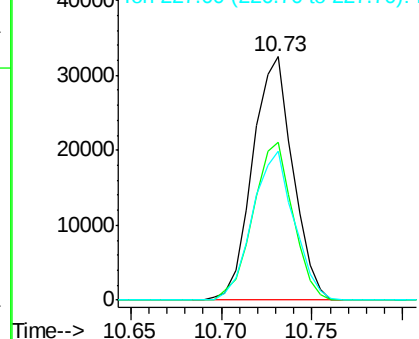


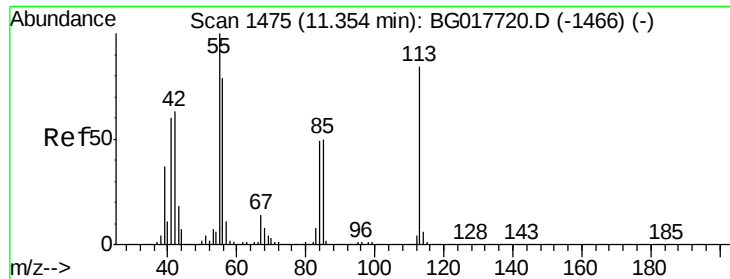
#34
Hexachlorobutadiene
Concen: 14.07 ng
RT: 10.73 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:	225	Resp:	50140
Ion	Ratio	Lower	Upper
225	100		
223	64.7	54.3	81.5
227	61.3	49.4	74.0



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





#35

Caprolactam

Concen: 15.86 ng

RT: 11.31 min Scan# 1468

Delta R.T. -0.04 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

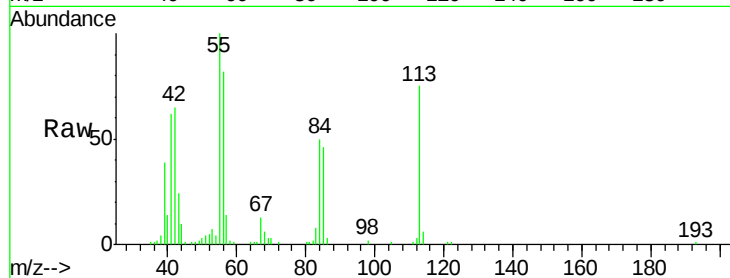
Tgt Ion:113 Resp: 48834

Ion Ratio Lower Upper

113 100

55 134.1 100.8 140.8

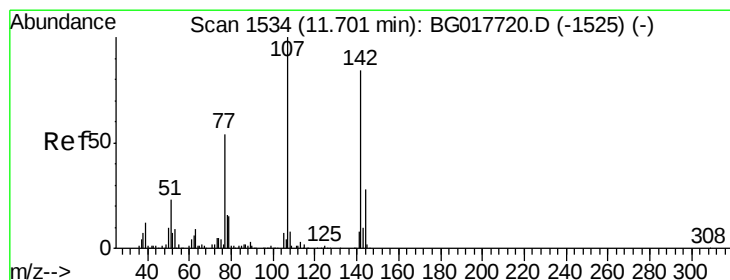
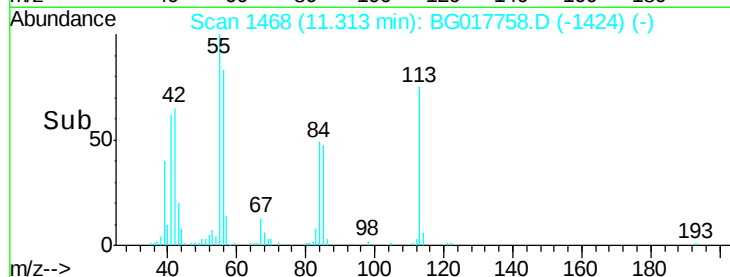
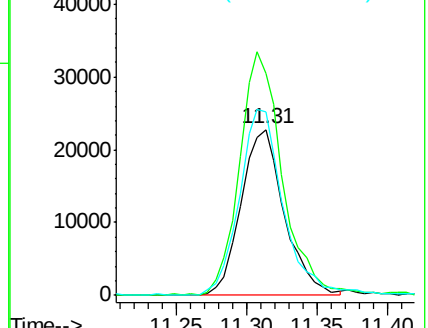
56 110.4 75.5 115.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 17.45 ng

RT: 11.68 min Scan# 1531

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

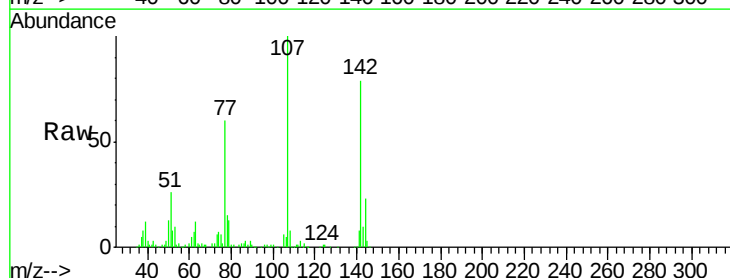
Tgt Ion:107 Resp: 119645

Ion Ratio Lower Upper

107 100

144 23.4 22.2 33.4

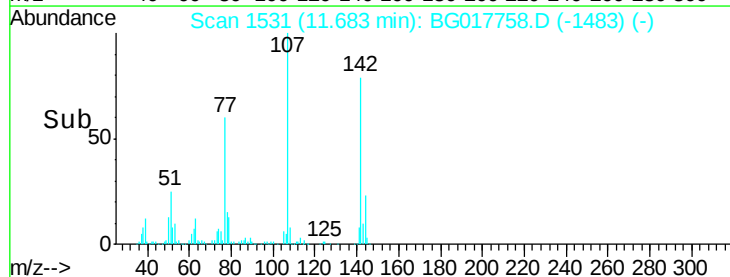
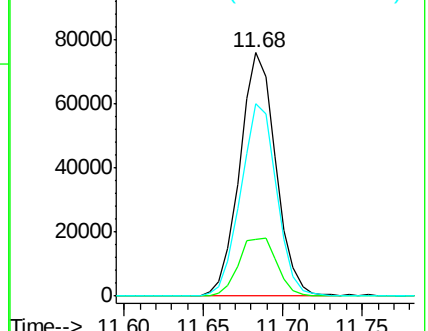
142 79.1 67.1 100.7

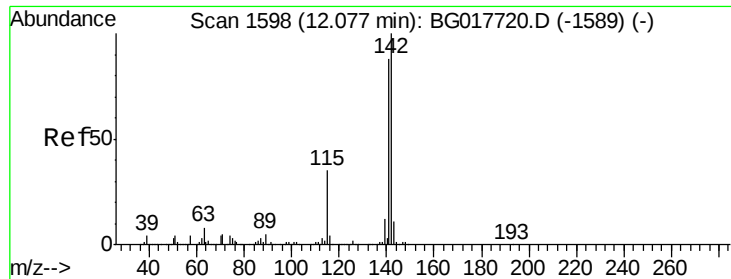


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

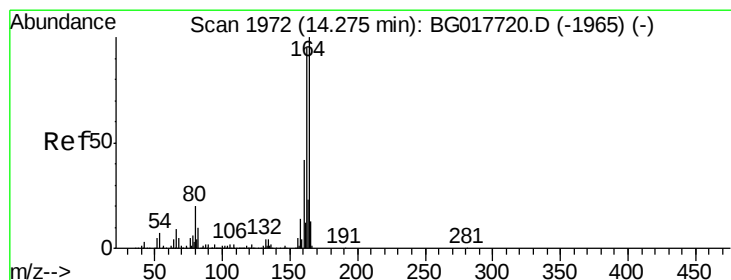
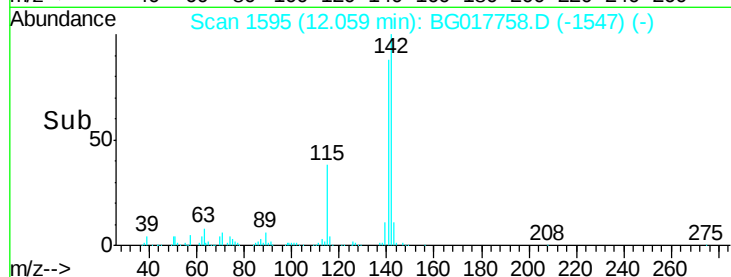
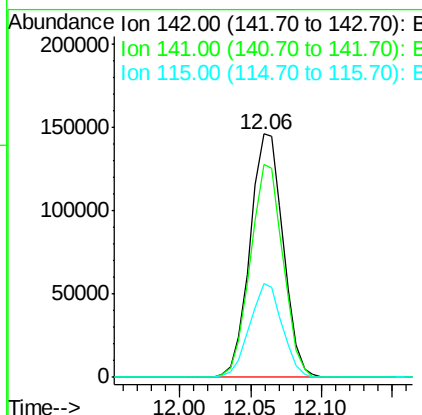
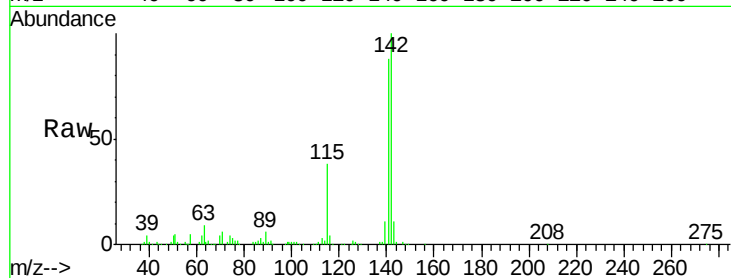




#37
 2-Methylnaphthalene
 Concen: 15.89 ng
 RT: 12.06 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

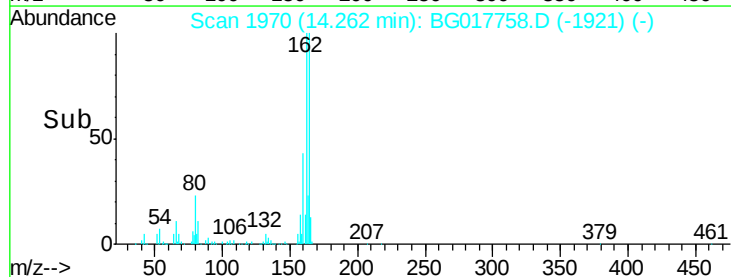
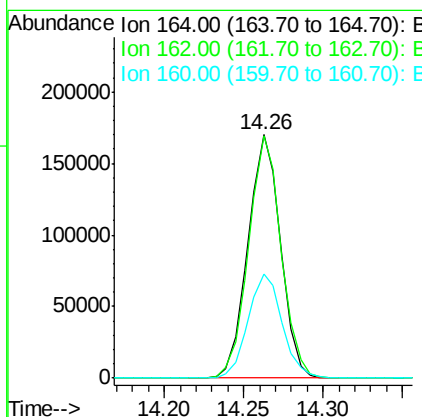
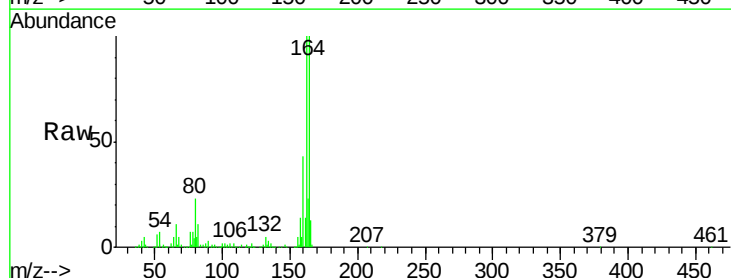
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

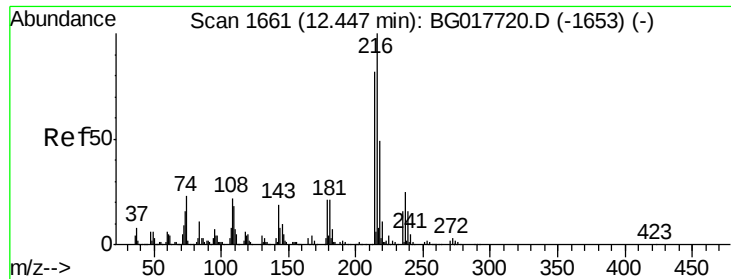
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.7	106.1
115	38.4	27.8	41.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.26 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	76.3	114.5
160	43.0	33.7	50.5

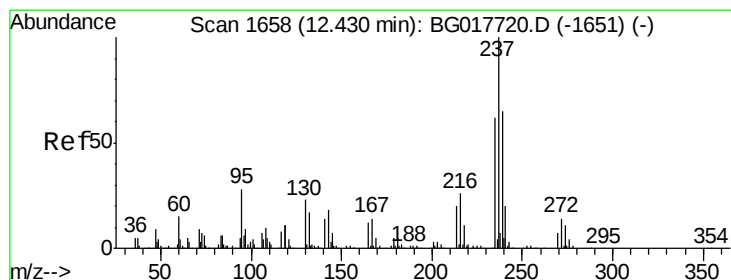
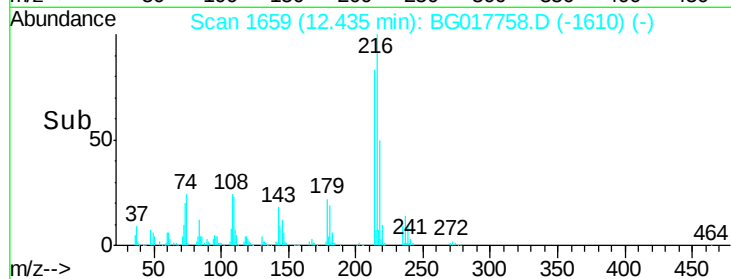
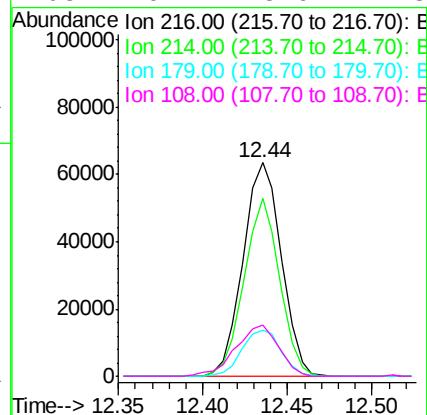
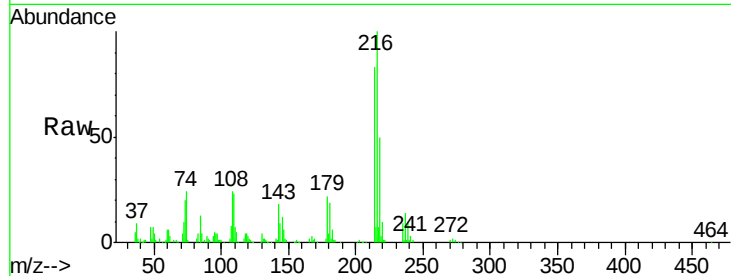




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 15.37 ng
 RT: 12.44 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

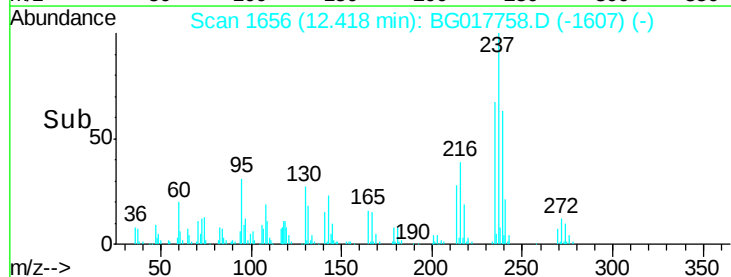
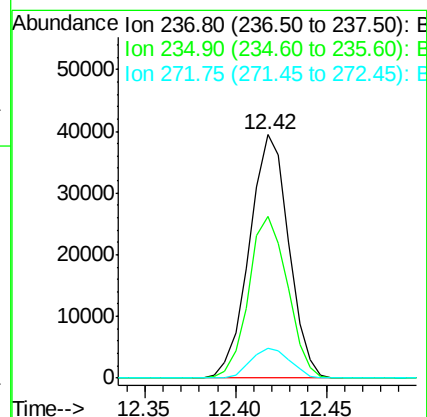
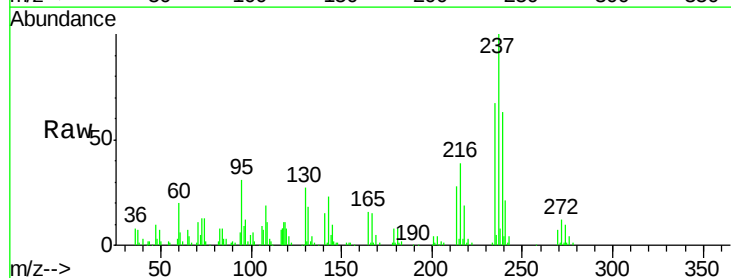
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

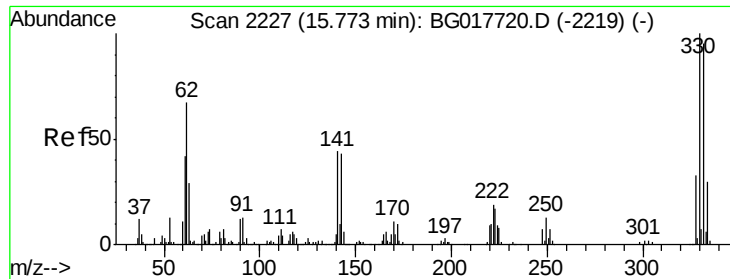
Tgt Ion:	216	Resp:	100086
Ion	Ratio	Lower	Upper
216	100		
214	77.4	64.5	96.7
179	22.2	16.7	25.1
108	26.7	18.6	27.8



#40
 Hexachlorocyclopentadiene
 Concen: 13.63 ng
 RT: 12.42 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion:	237	Resp:	59584
Ion	Ratio	Lower	Upper
237	100		
235	66.5	42.2	82.2
272	12.1	0.0	33.9

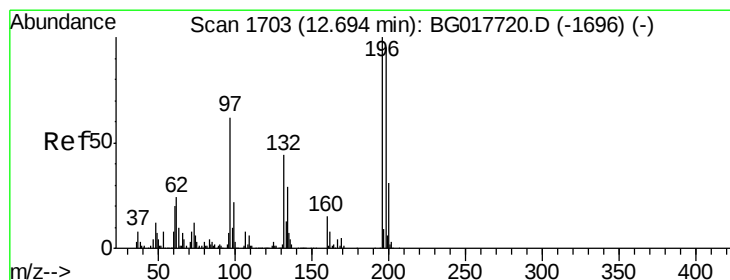
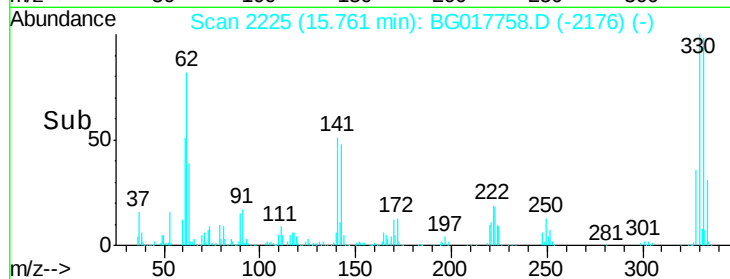
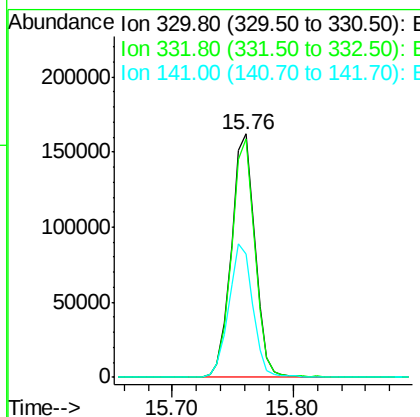
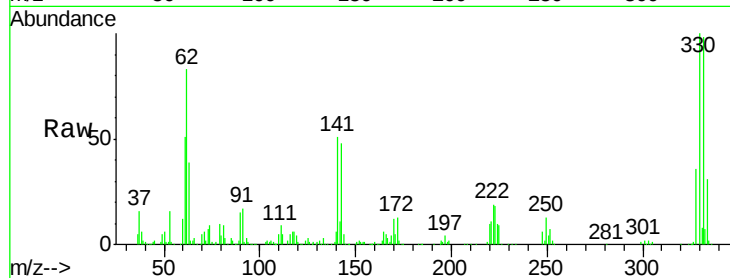




#41
 2,4,6-Tribromophenol
 Concen: 98.54 ng
 RT: 15.76 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

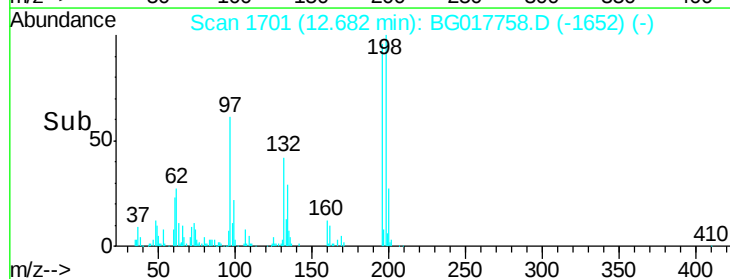
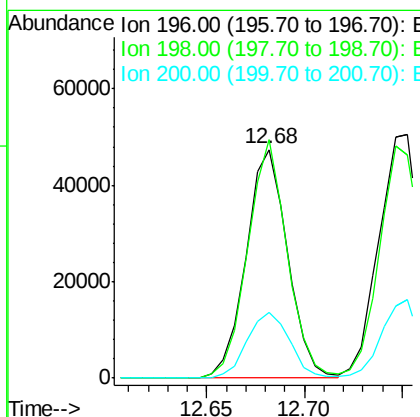
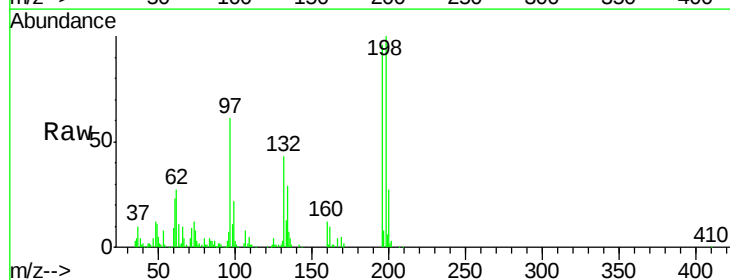
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

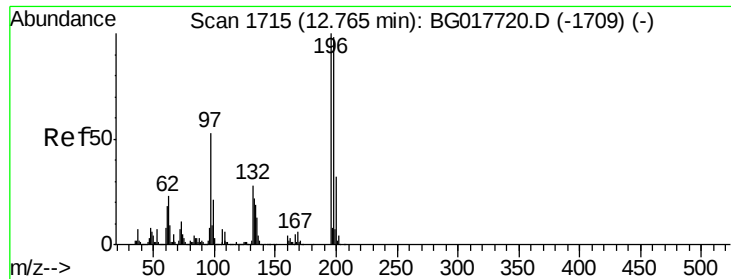
Tgt Ion:330 Resp: 221808
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.8 115.2
 141 55.6 38.0 57.0



#42
 2,4,6-Trichlorophenol
 Concen: 15.87 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion:196 Resp: 69940
 Ion Ratio Lower Upper
 196 100
 198 104.6 76.2 114.4
 200 28.6 24.6 36.8

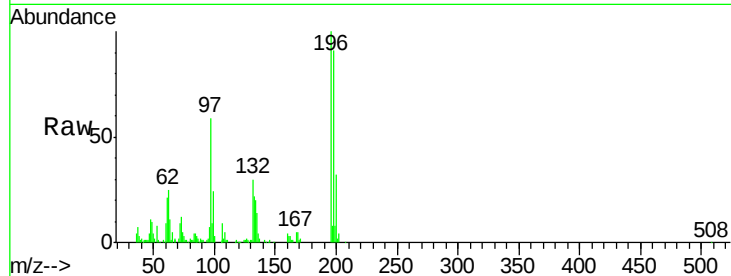




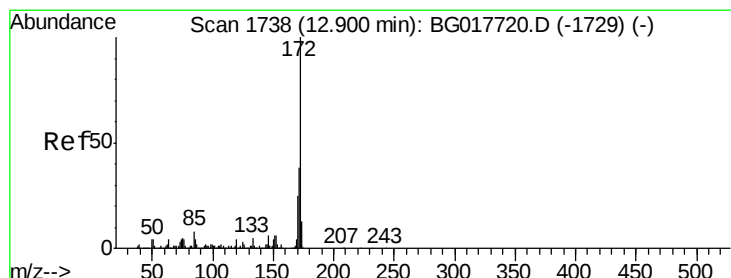
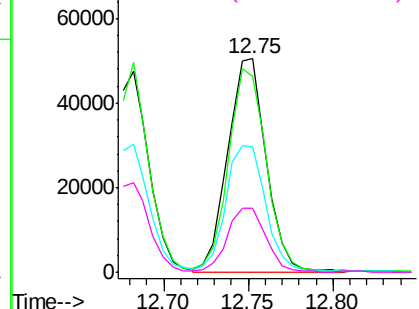
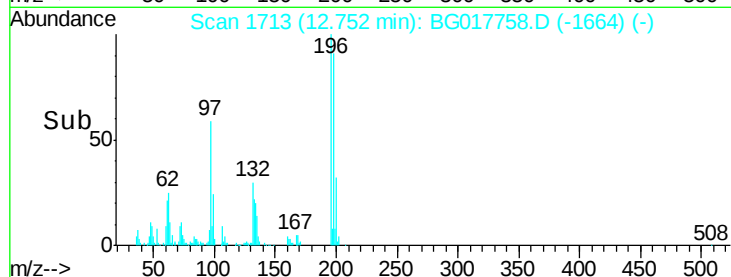
#43
2,4,5-Trichlorophenol
Concen: 16.67 ng
RT: 12.75 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:	196	Resp:	80101
Ion	Ratio	Lower	Upper
196	100		
198	91.5	78.1	117.1
97	58.9	42.6	64.0
132	30.2	22.6	33.8

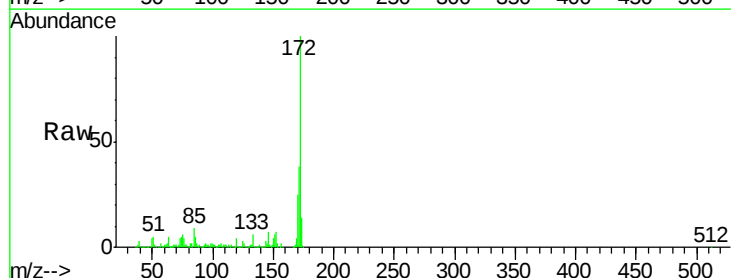


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

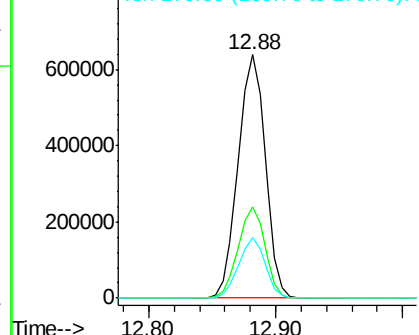
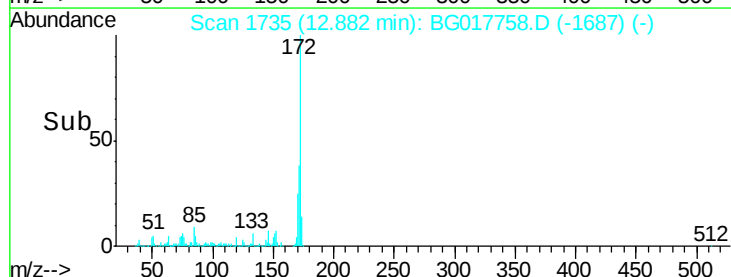


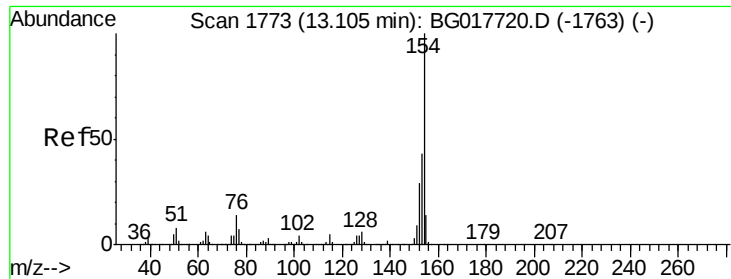
#44
2-Fluorobiphenyl
Concen: 63.20 ng
RT: 12.88 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:	172	Resp:	944691
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.7	46.1
170	24.6	19.7	29.5



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

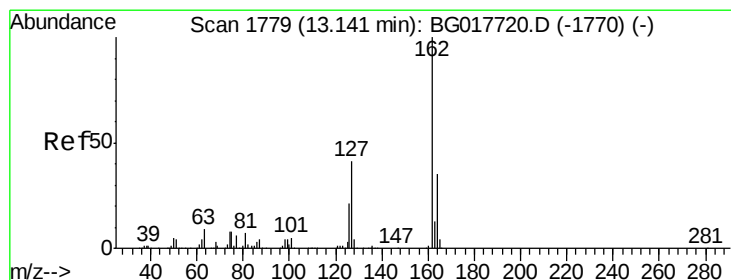
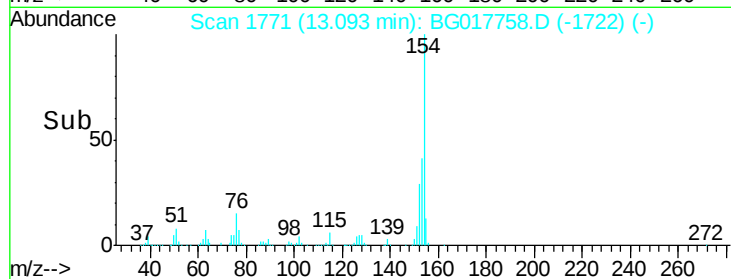
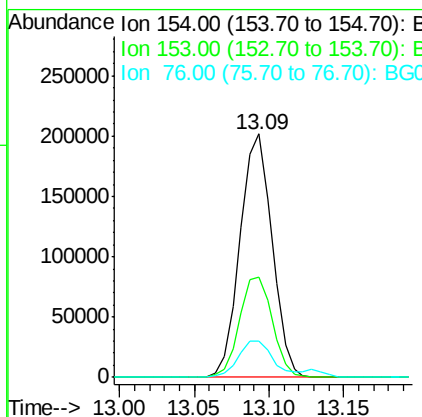
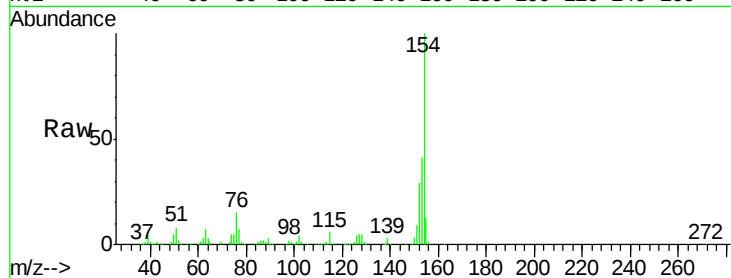




#45
 1,1'-Biphenyl
 Concen: 16.78 ng
 RT: 13.09 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

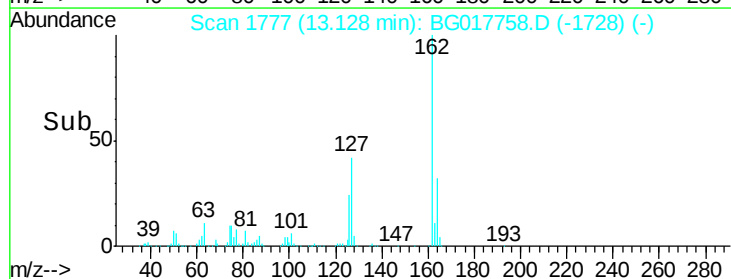
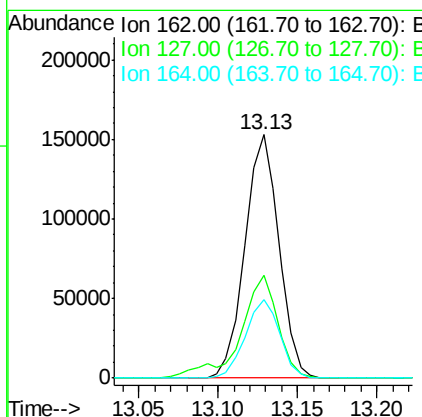
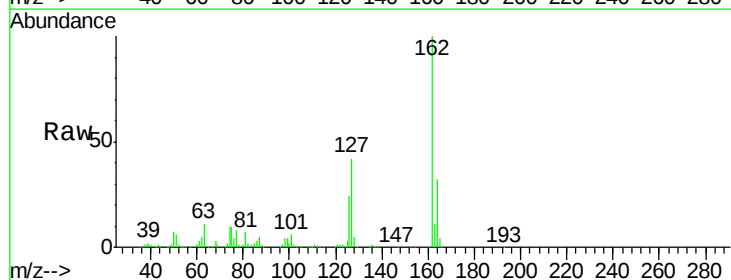
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

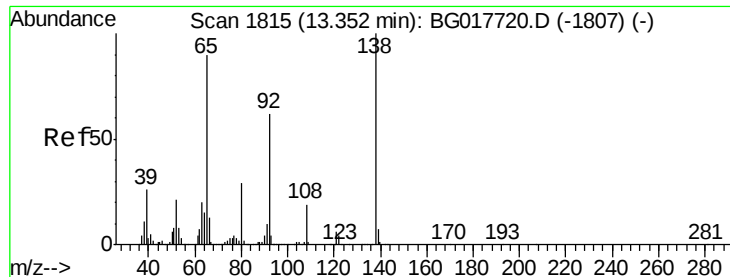
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.5	63.5
76	15.0	0.0	33.7



#46
 2-Chloronaphthalene
 Concen: 15.75 ng
 RT: 13.13 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.2	49.8
164	32.2	27.7	41.5

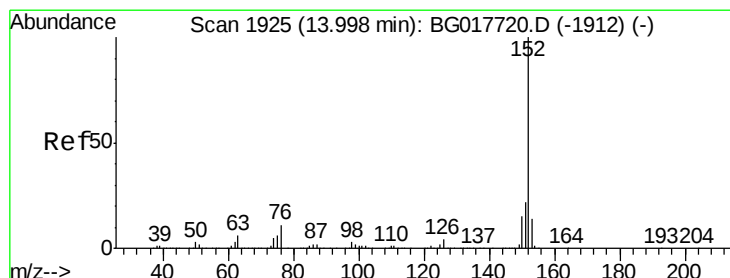
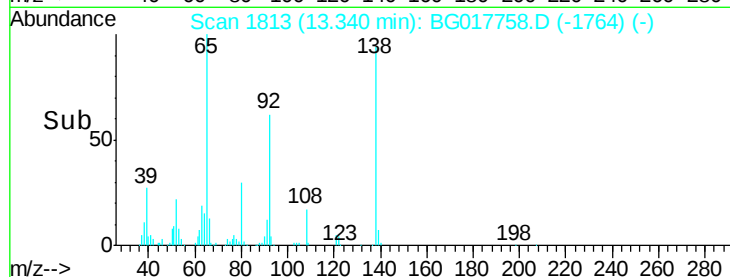
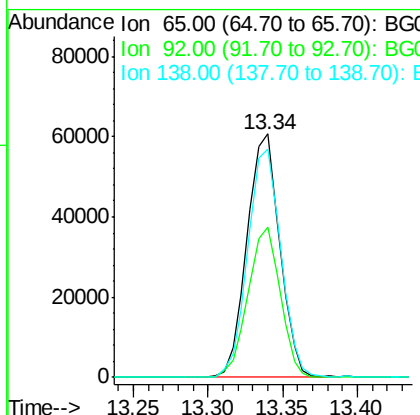
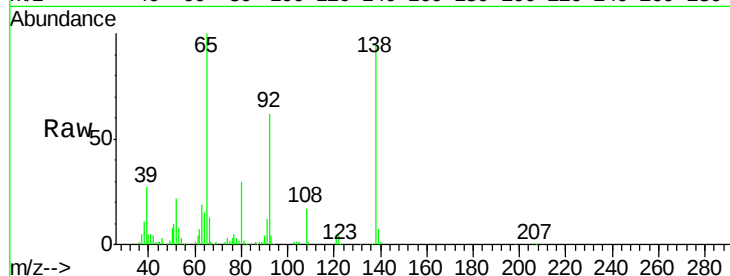




#47
2-Nitroaniline
Concen: 21.26 ng
RT: 13.34 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

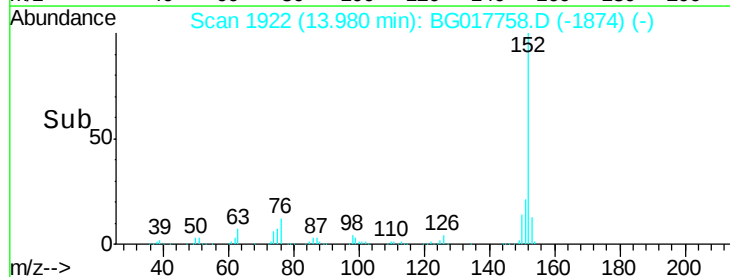
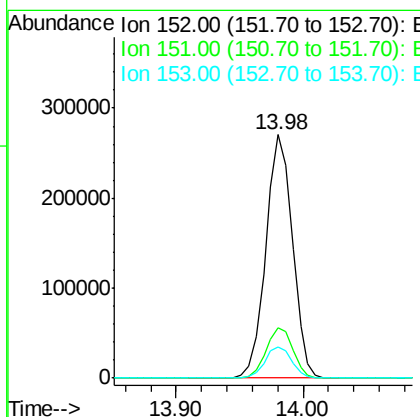
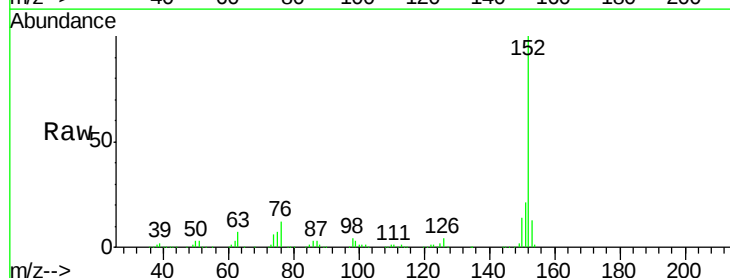
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

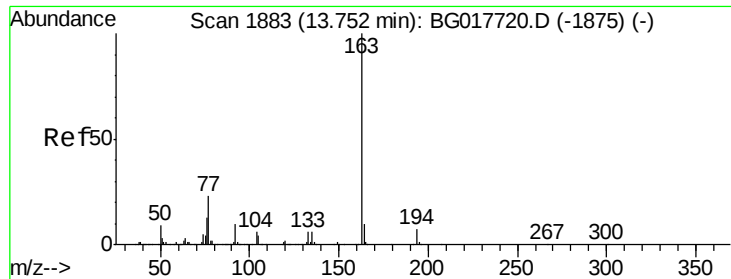
Tgt Ion: 65 Resp: 91756
Ion Ratio Lower Upper
65 100
92 61.9 55.4 83.2
138 93.8 89.1 133.7



#48
Acenaphthylene
Concen: 15.34 ng
RT: 13.98 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion: 152 Resp: 395785
Ion Ratio Lower Upper
152 100
151 20.7 17.4 26.2
153 12.9 11.0 16.6

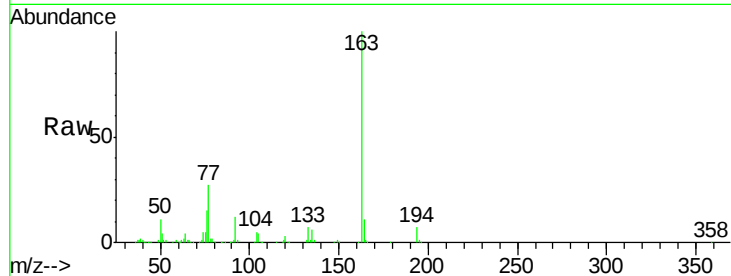




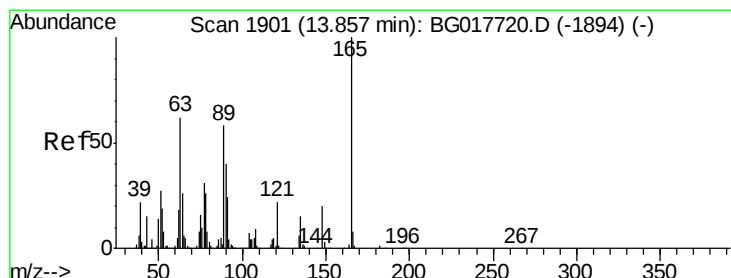
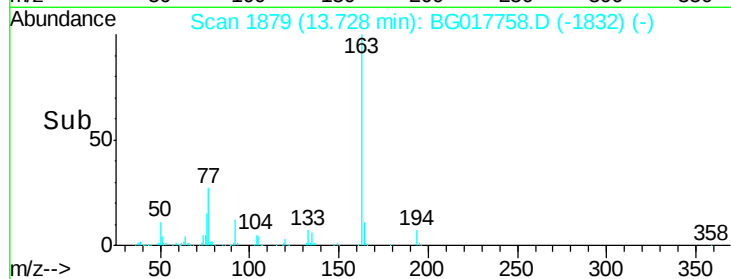
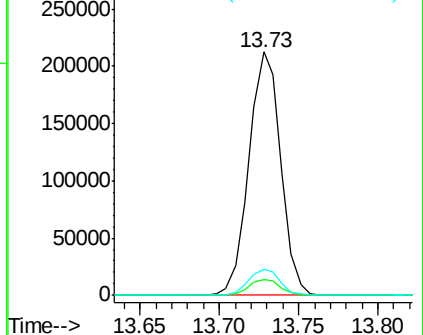
#49
Dimethylphthalate
Concen: 15.87 ng
RT: 13.73 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:163 Resp: 294686
Ion Ratio Lower Upper
163 100
194 6.7 5.8 8.6
164 10.8 8.3 12.5

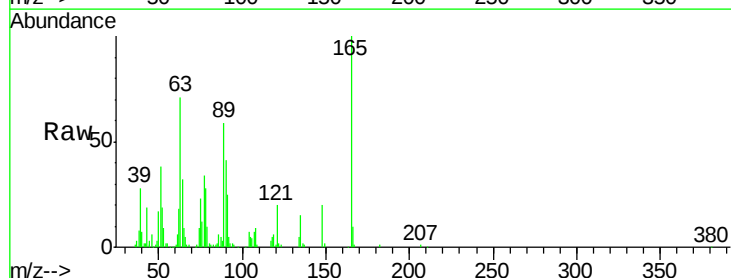


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

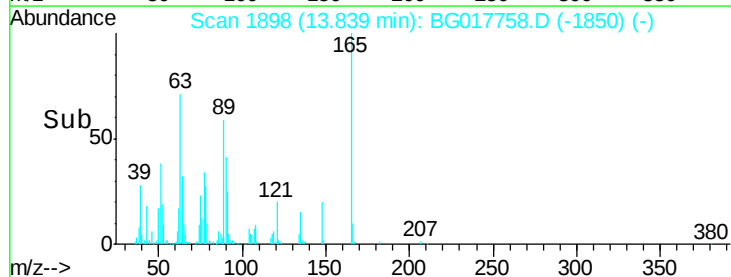
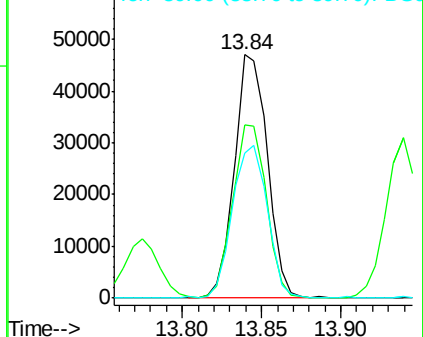


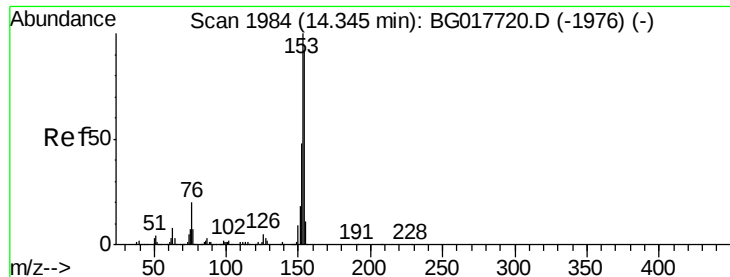
#50
2,6-Dinitrotoluene
Concen: 17.74 ng
RT: 13.84 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:165 Resp: 67911
Ion Ratio Lower Upper
165 100
63 71.1 50.2 75.2
89 59.5 46.6 69.8



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





#51

Acenaphthene

Concen: 15.25 ng

RT: 14.33 min Scan# 1981

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

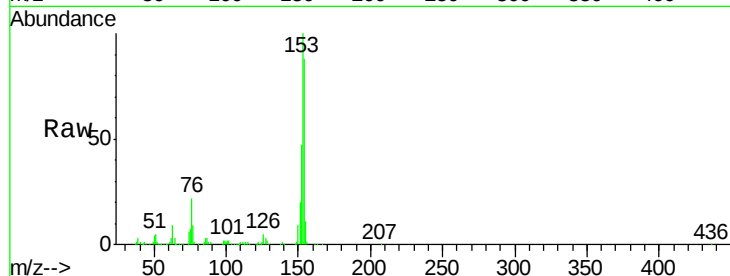
Tgt Ion:154 Resp: 237335

Ion Ratio Lower Upper

154 100

153 113.3 87.0 130.4

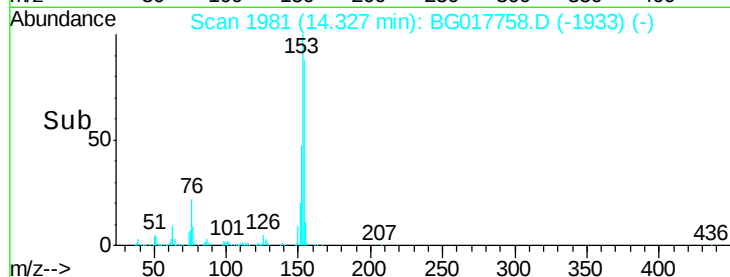
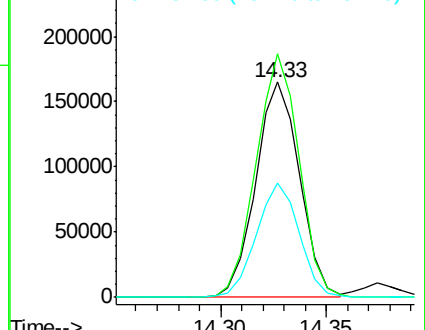
152 53.3 41.4 62.0



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: 13.81 ng

RT: 14.17 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

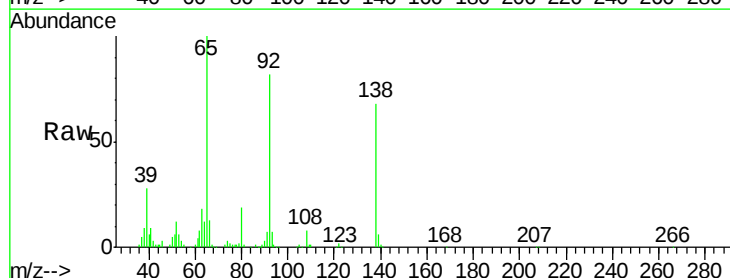
Tgt Ion:138 Resp: 61780

Ion Ratio Lower Upper

138 100

108 11.8 8.2 12.4

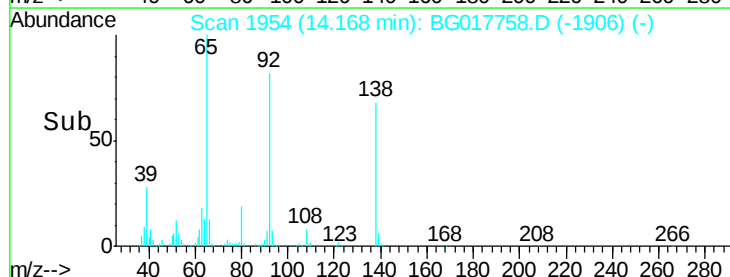
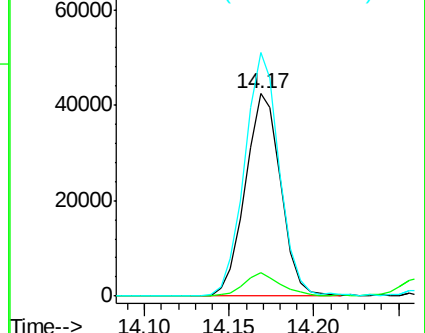
92 120.4 87.4 131.0

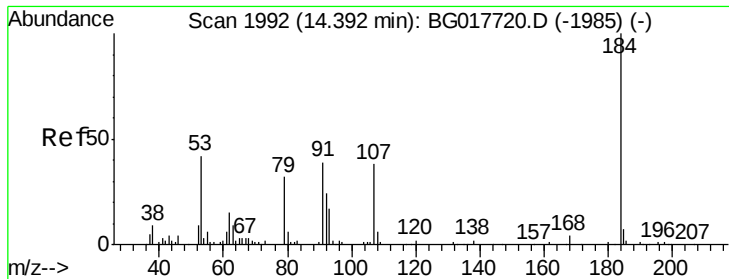


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 20.97 ng

RT: 14.37 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

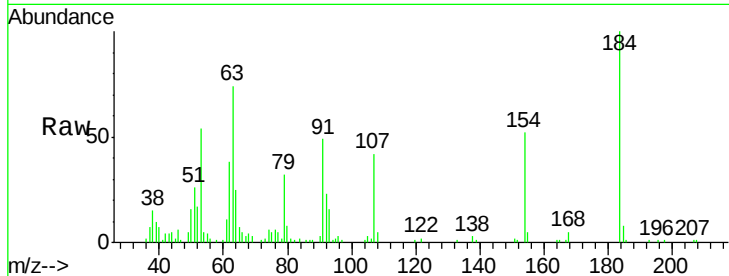
Tgt Ion:184 Resp: 28020

Ion Ratio Lower Upper

184 100

63 73.9 47.8 71.6#

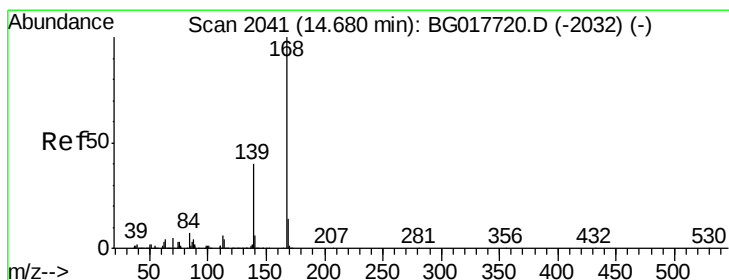
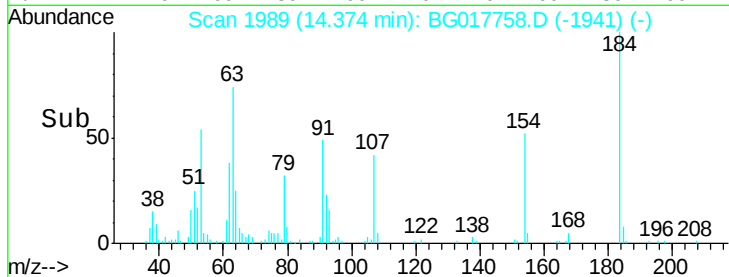
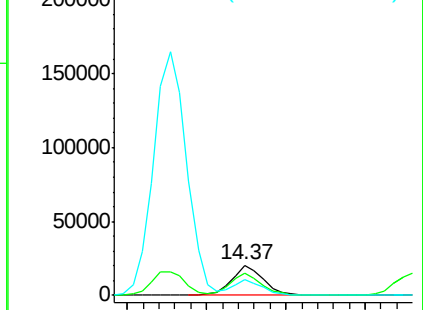
154 52.4 39.3 58.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 16.59 ng

RT: 14.66 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

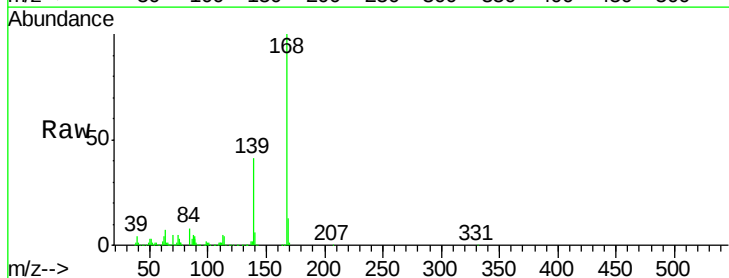
Tgt Ion:168 Resp: 363747

Ion Ratio Lower Upper

168 100

139 41.2 32.2 48.2

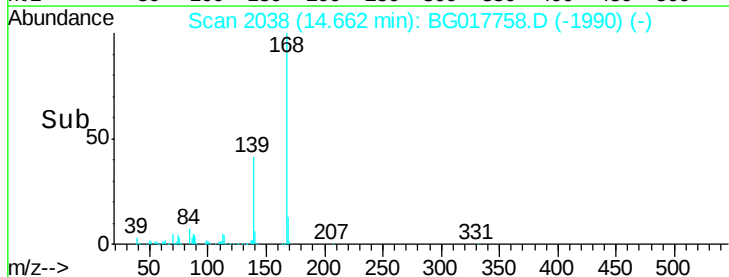
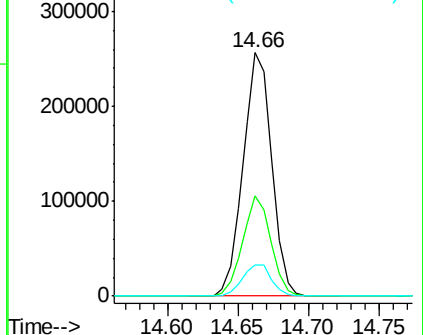
169 13.0 11.3 16.9

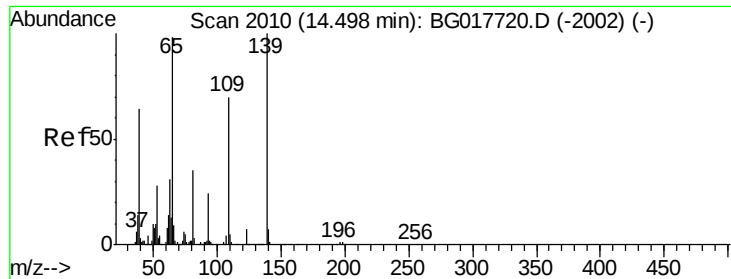


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

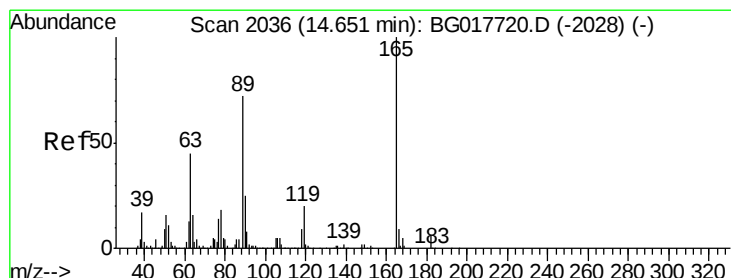
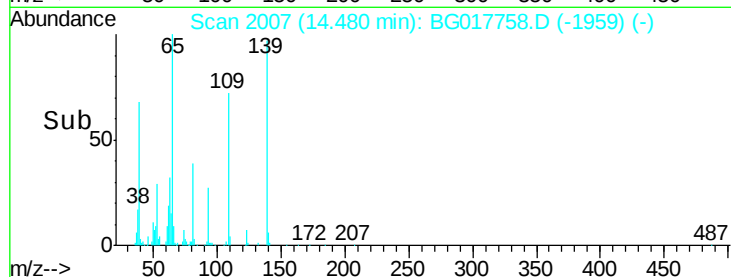
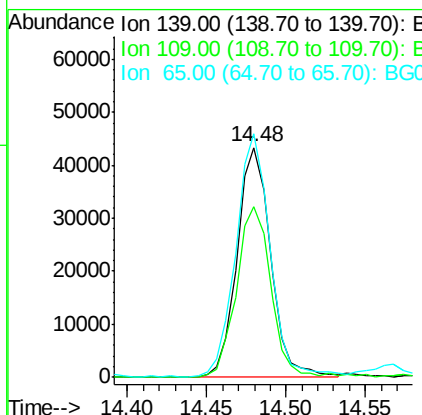
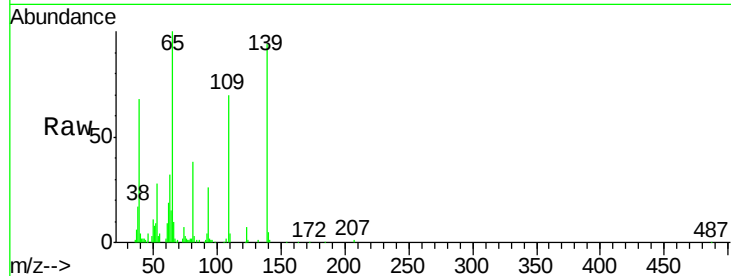




#55
4-Nitrophenol
Concen: 18.06 ng
RT: 14.48 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

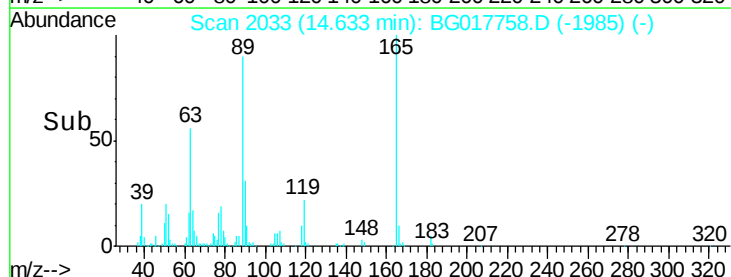
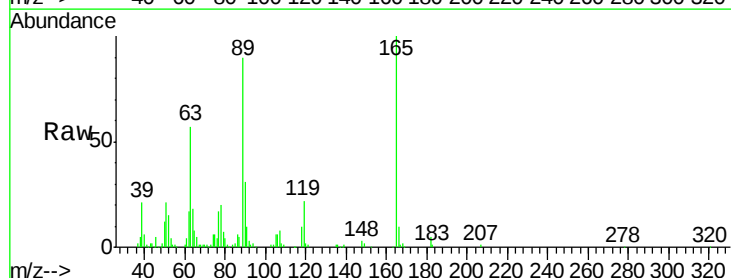
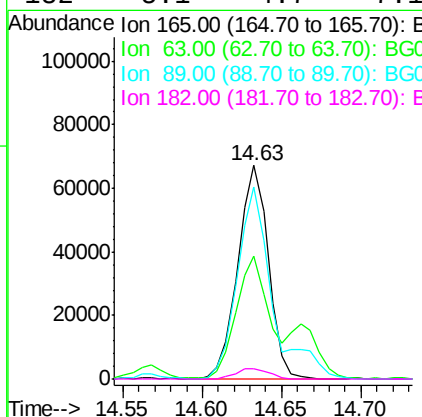
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:139 Resp: 63823
Ion Ratio Lower Upper
139 100
109 74.1 50.3 90.3
65 106.1 78.8 118.8



#56
2,4-Dinitrotoluene
Concen: 18.24 ng
RT: 14.63 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:165 Resp: 89745
Ion Ratio Lower Upper
165 100
63 57.4 36.2 54.4#
89 89.6 57.9 86.9#
182 5.1 4.7 7.1





#57

Fluorene

Concen: 15.89 ng

RT: 15.31 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

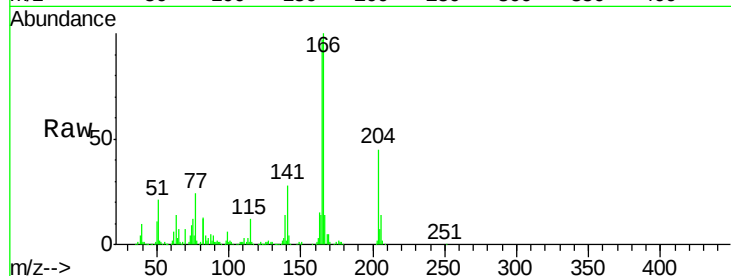
Tgt Ion:166 Resp: 314802

Ion Ratio Lower Upper

166 100

165 96.6 73.4 110.0

167 14.1 11.0 16.6

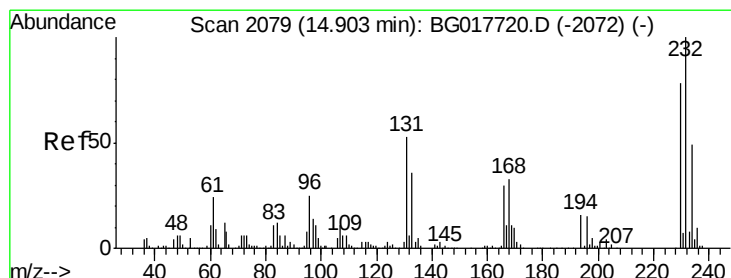
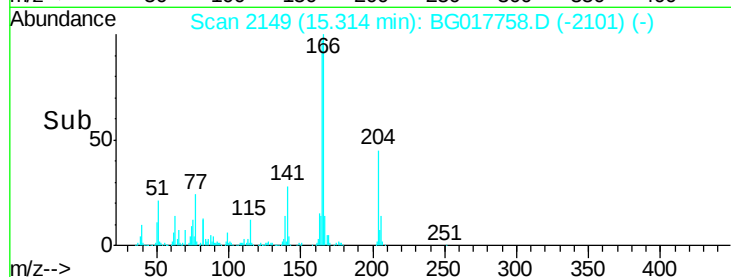
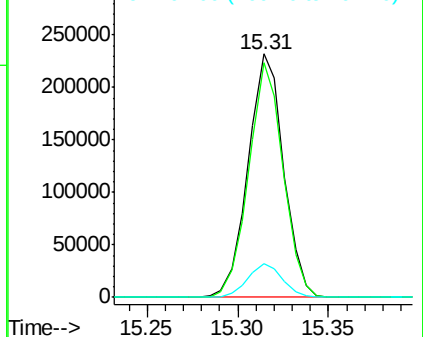


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 16.74 ng

RT: 14.89 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Tgt Ion:232 Resp: 66729

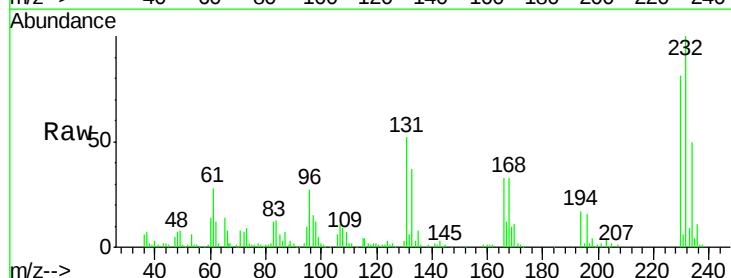
Ion Ratio Lower Upper

232 100

131 58.4 40.8 61.2

130 3.0 2.4 3.6

166 31.8 23.8 35.8



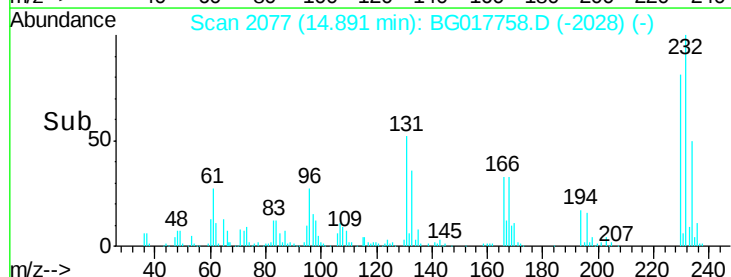
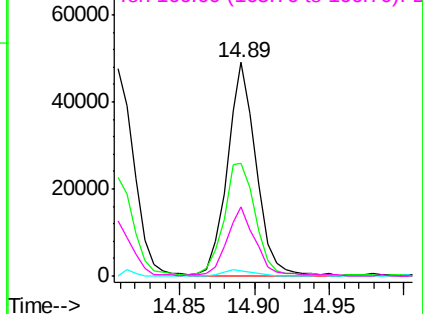
Abundance

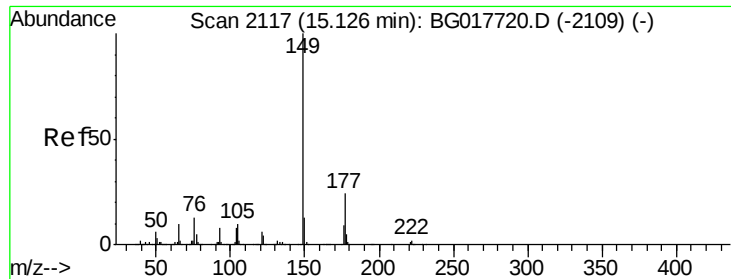
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

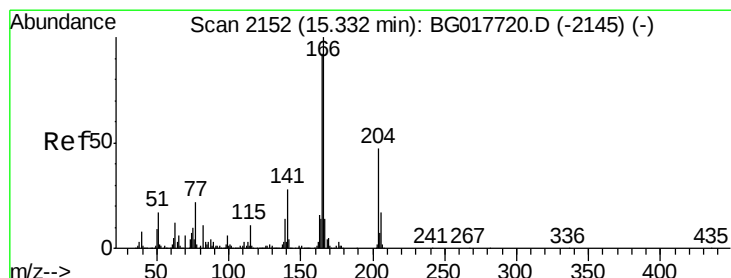
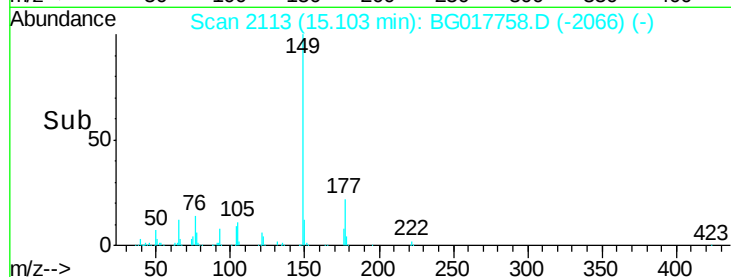
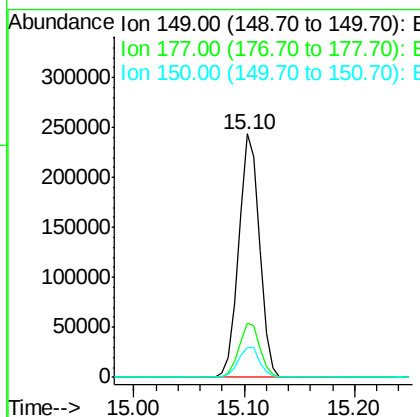
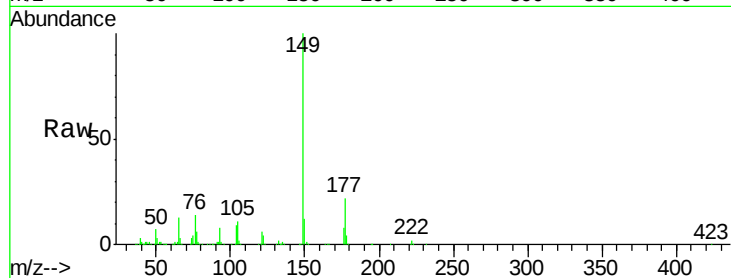




#59
Diethylphthalate
Concen: 15.99 ng
RT: 15.10 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

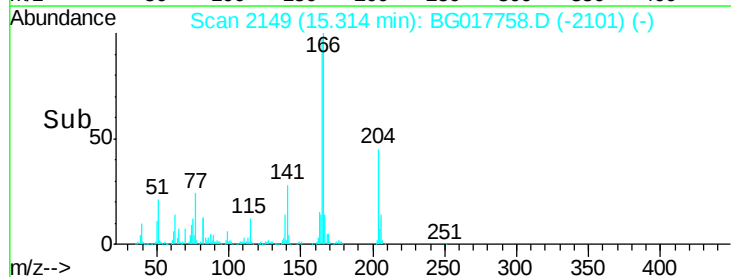
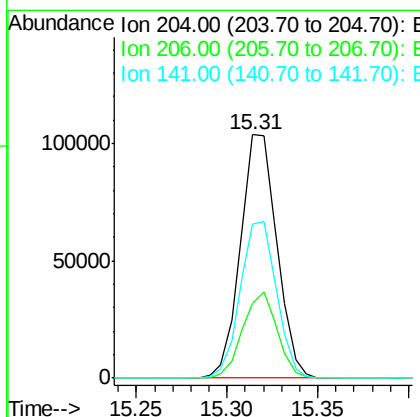
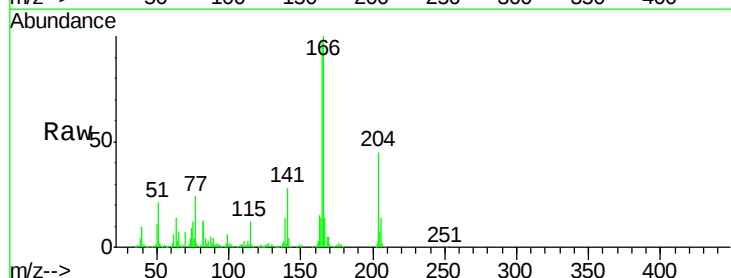
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

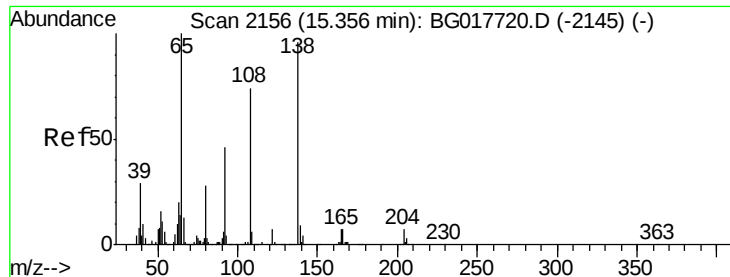
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	19.1	28.7
150	12.1	10.3	15.5



#60
4-Chlorophenyl-phenylether
Concen: 15.94 ng
RT: 15.31 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.7	28.6	42.8
141	63.4	49.0	73.4

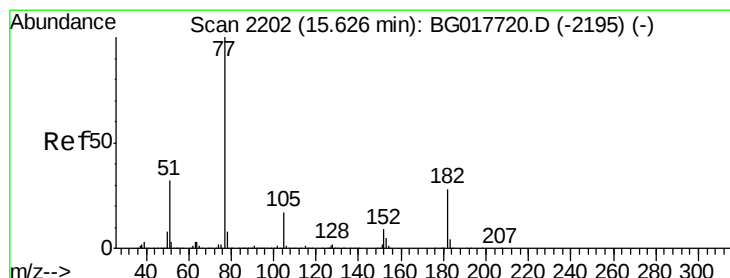
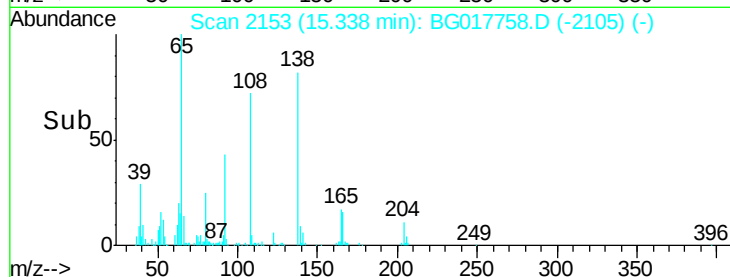
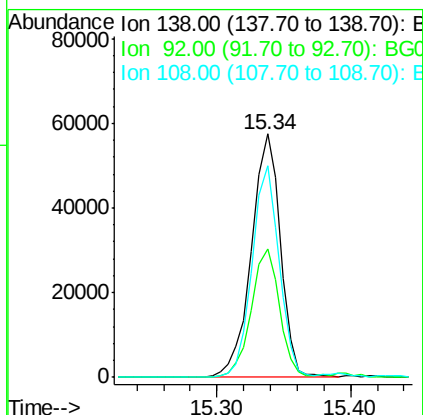
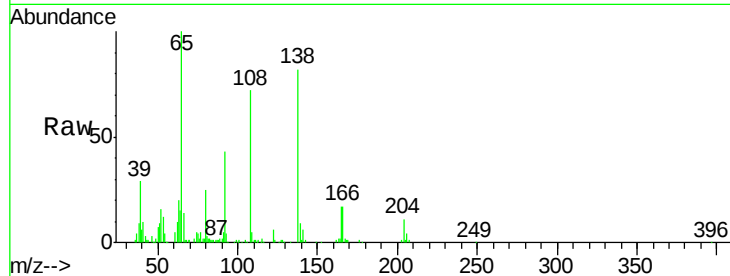




#61
4-Nitroaniline
Concen: 17.36 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

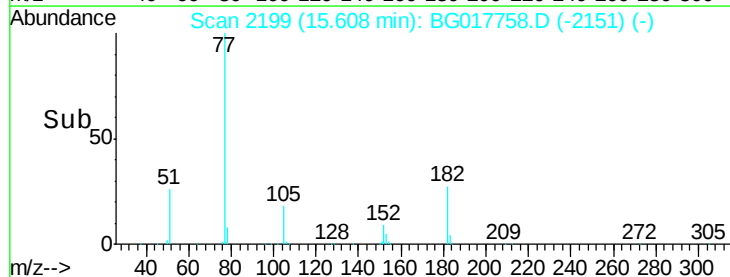
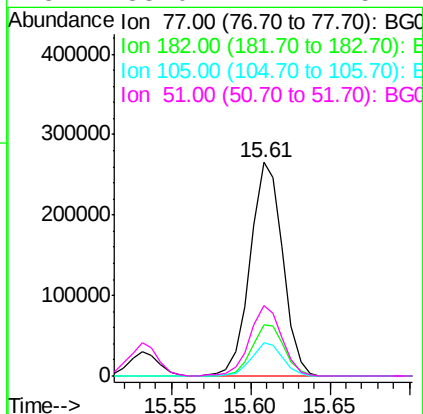
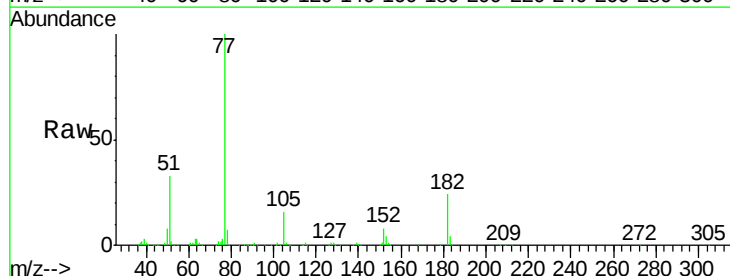
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

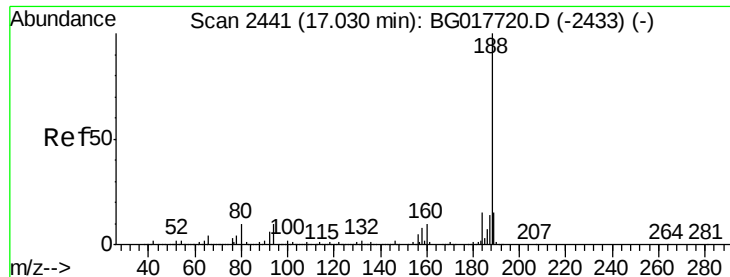
Tgt Ion: 138 Resp: 86204
Ion Ratio Lower Upper
138 100
92 52.5 27.7 67.7
108 86.9 57.8 97.8



#62
Azobenzene
Concen: 17.89 ng
RT: 15.61 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion: 77 Resp: 377531
Ion Ratio Lower Upper
77 100
182 23.8 8.2 48.2
105 15.6 0.0 36.6
51 33.0 11.7 51.7

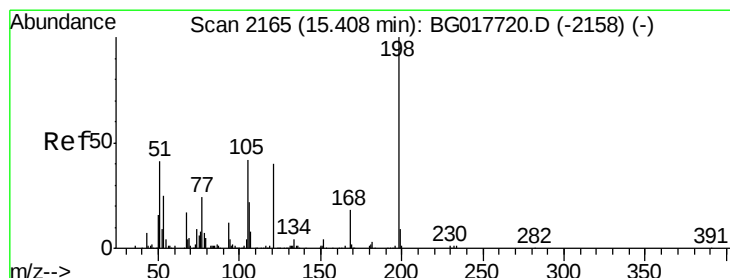
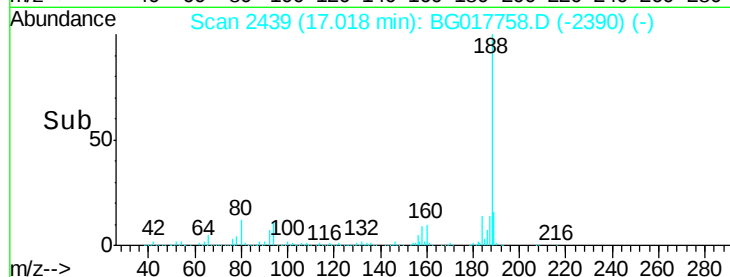
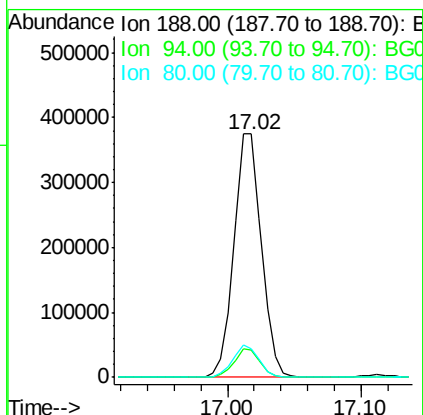
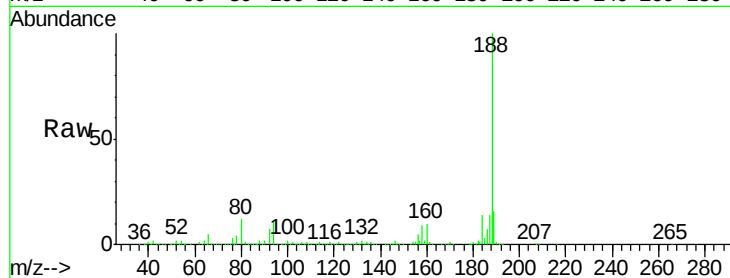




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

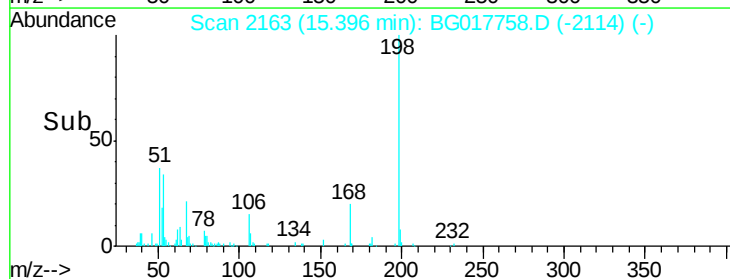
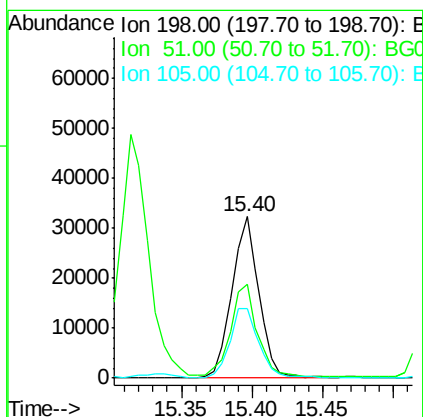
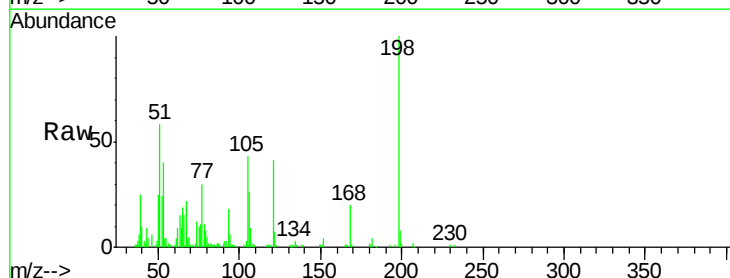
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

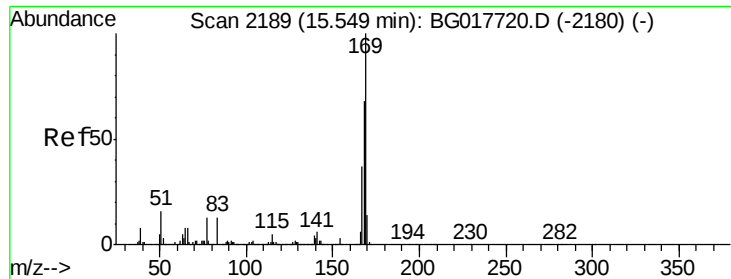
Tgt Ion:188 Resp: 537201
Ion Ratio Lower Upper
188 100
94 11.3 8.2 12.2
80 11.8 8.2 12.4



#64
4,6-Dinitro-2-methylphenol
Concen: 19.70 ng
RT: 15.40 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:198 Resp: 43020
Ion Ratio Lower Upper
198 100
51 58.2 27.0 67.0
105 43.0 23.3 63.3

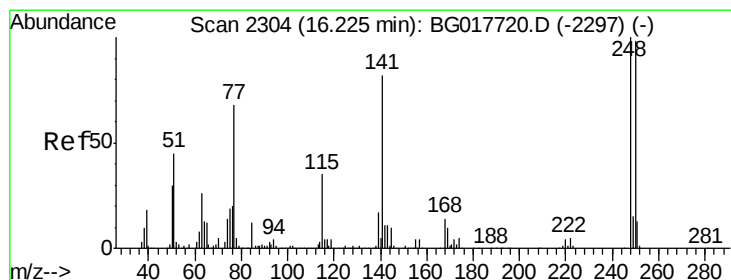
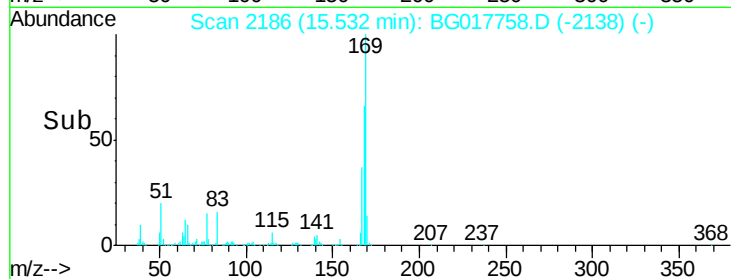
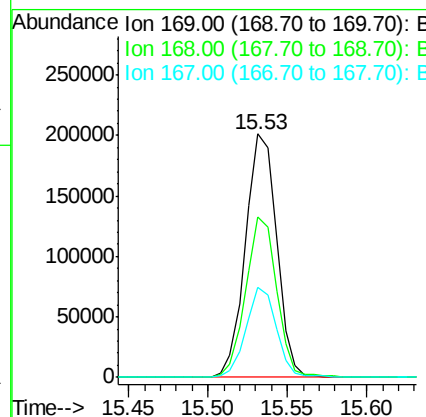
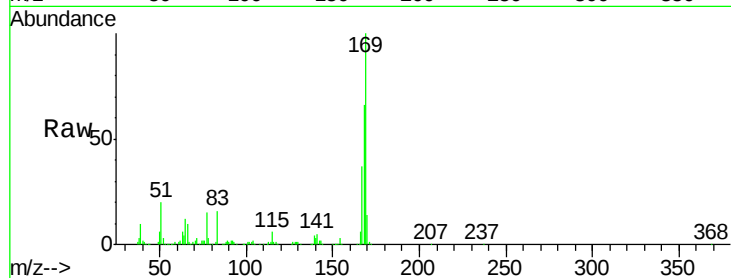




#65
 n-Nitrosodiphenylamine
 Concen: 16.06 ng
 RT: 15.53 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

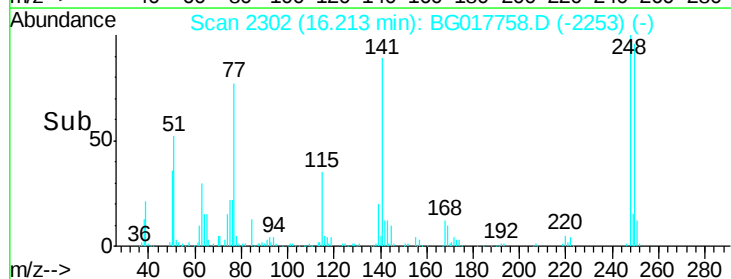
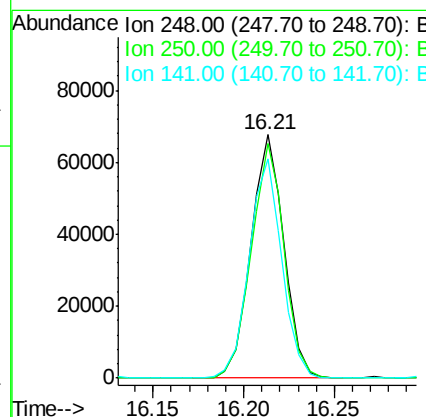
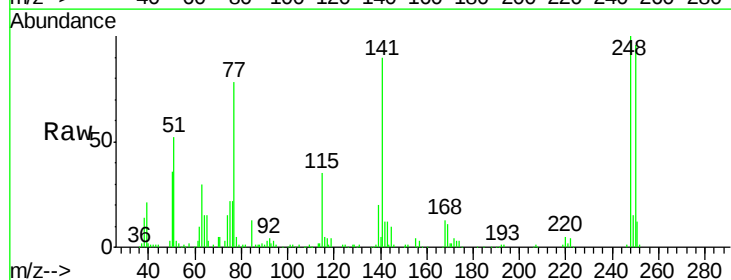
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

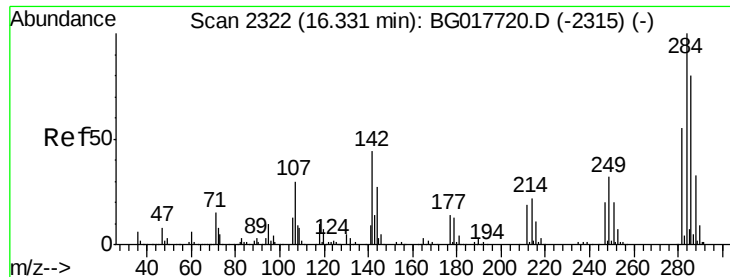
Tgt Ion:169 Resp: 275676
 Ion Ratio Lower Upper
 169 100
 168 65.9 54.1 81.1
 167 37.0 29.4 44.2



#66
 4-Bromophenyl-phenylether
 Concen: 15.50 ng
 RT: 16.21 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion:248 Resp: 85990
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.0 117.0
 141 89.9 65.7 98.5

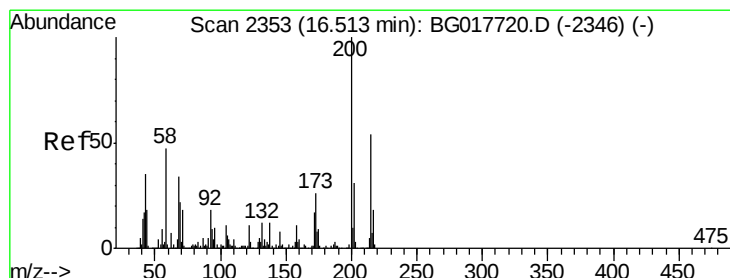
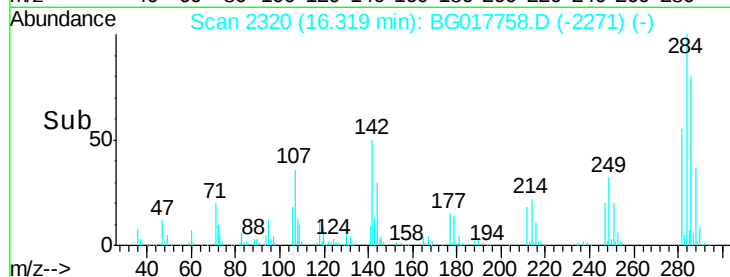
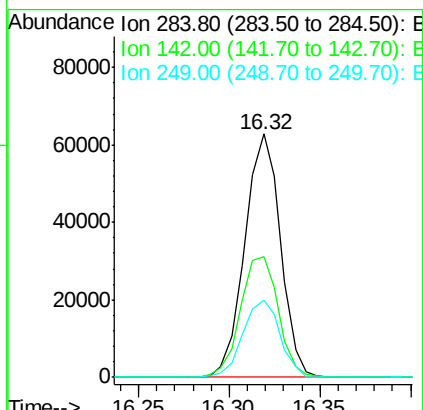
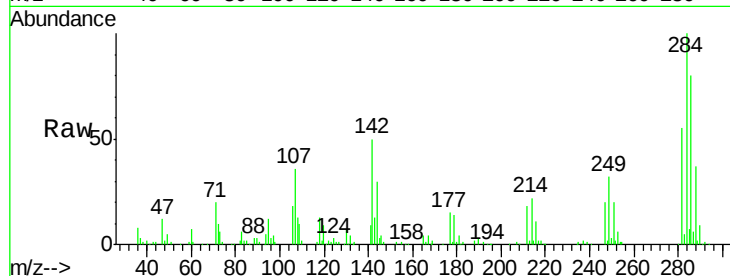




#67
Hexachlorobenzene
Concen: 14.27 ng
RT: 16.32 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

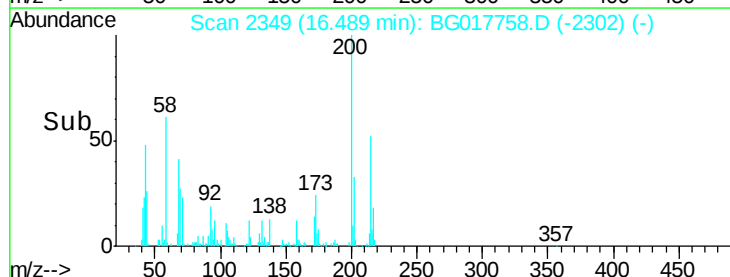
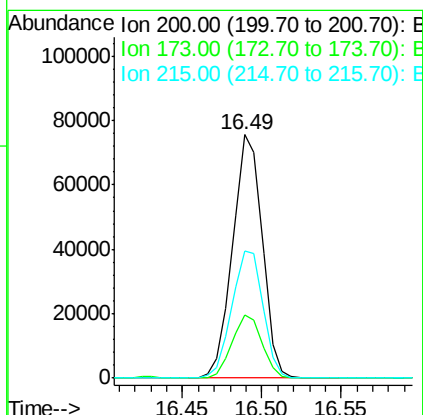
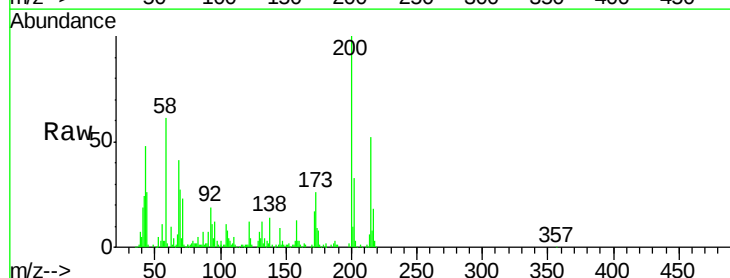
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

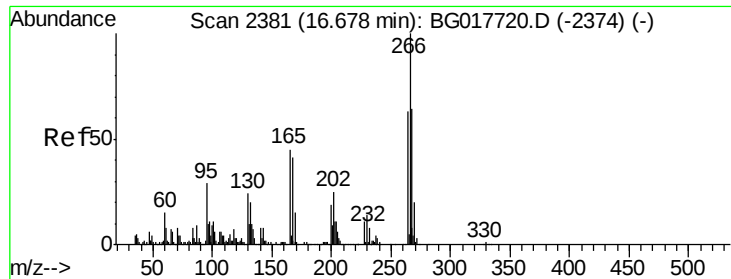
Tgt Ion:284 Resp: 85748
Ion Ratio Lower Upper
284 100
142 49.8 35.2 52.8
249 31.6 25.4 38.0



#68
Atrazine
Concen: 15.67 ng
RT: 16.49 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:200 Resp: 98160
Ion Ratio Lower Upper
200 100
173 26.1 5.6 45.6
215 52.1 34.1 74.1

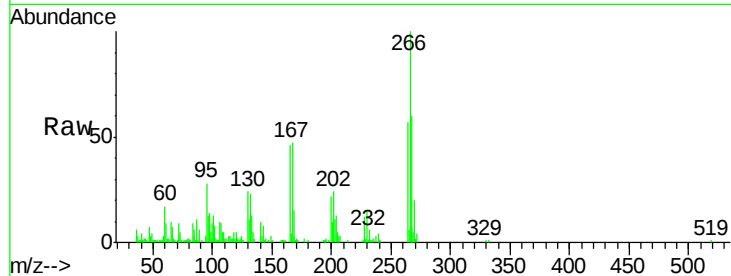




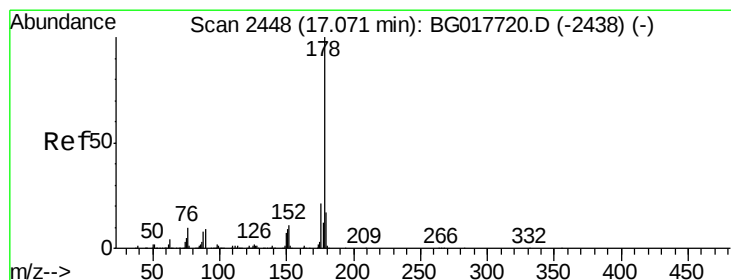
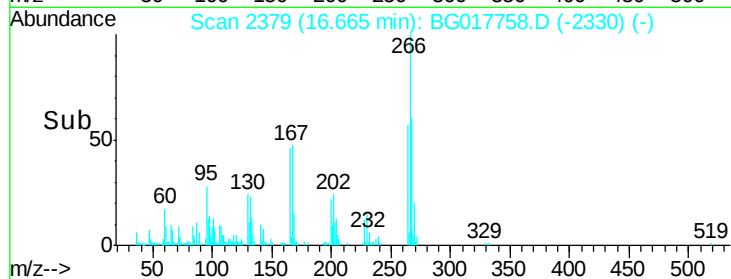
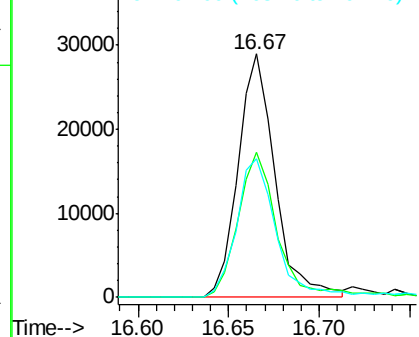
#69
 Pentachlorophenol
 Concen: 13.62 ng
 RT: 16.67 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:266 Resp: 41062
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.0 76.6
 264 56.7 50.7 76.1

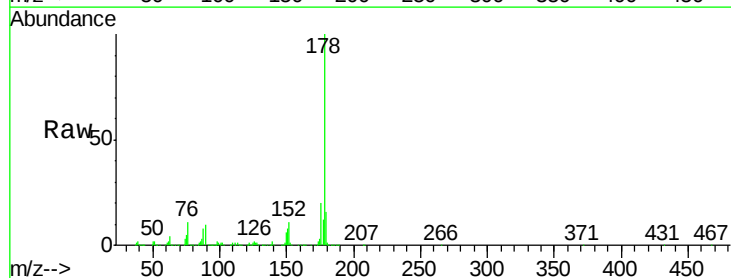


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

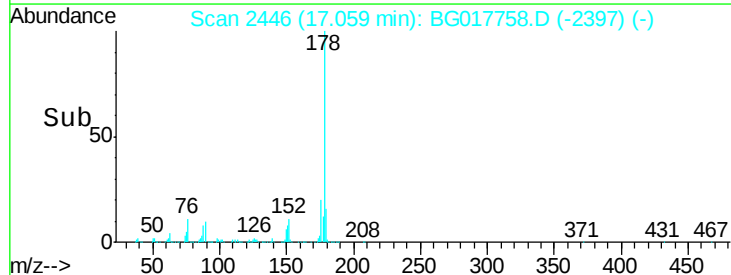
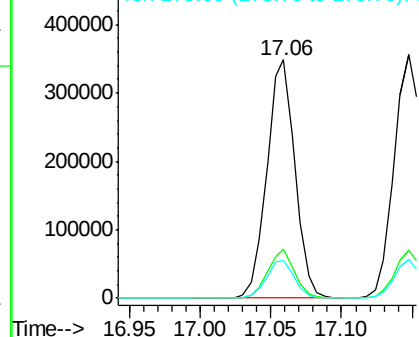


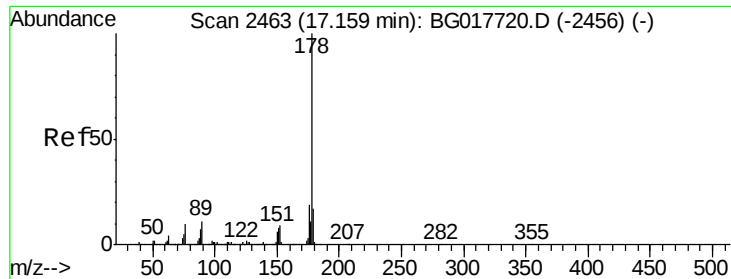
#70
 Phenanthrene
 Concen: 16.06 ng
 RT: 17.06 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion:178 Resp: 486591
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.5 24.7
 179 16.0 13.5 20.3



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

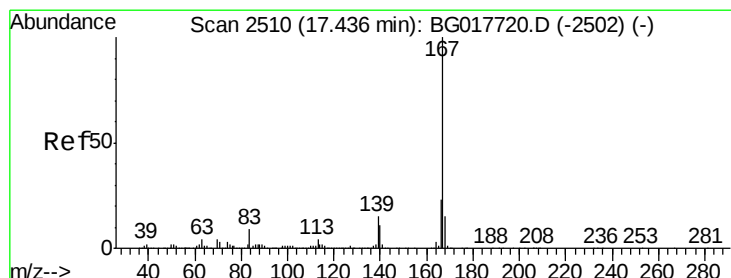
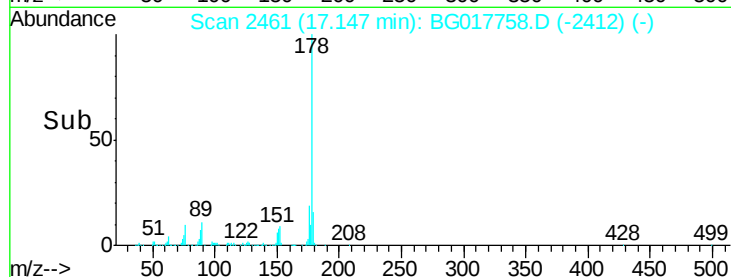
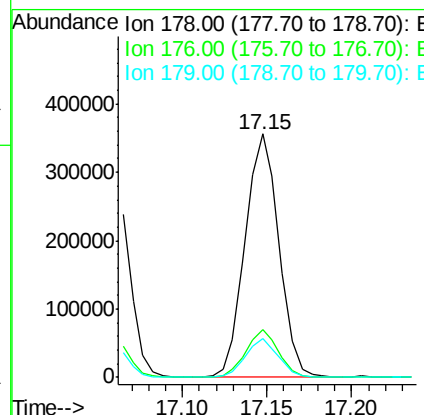
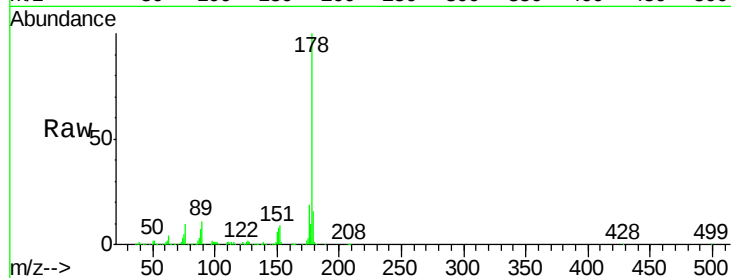




#71
 Anthracene
 Concen: 16.31 ng
 RT: 17.15 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

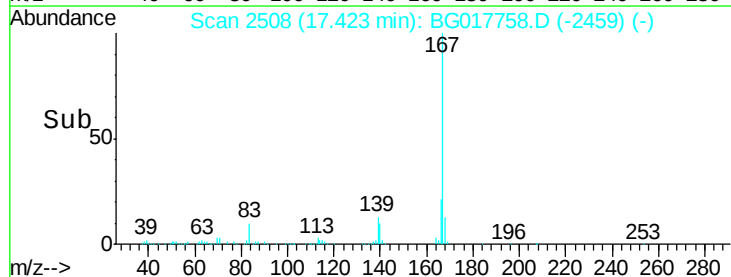
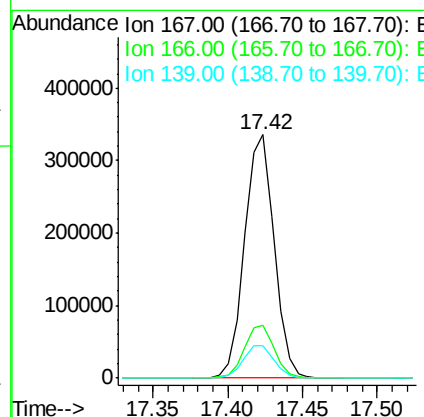
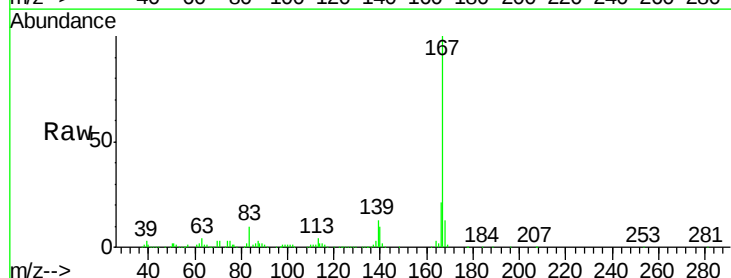
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:178 Resp: 493364
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.2 22.8
 179 15.8 13.6 20.4



#72
 Carbazole
 Concen: 15.54 ng
 RT: 17.42 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion:167 Resp: 460960
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.3 27.5
 139 13.4 11.9 17.9

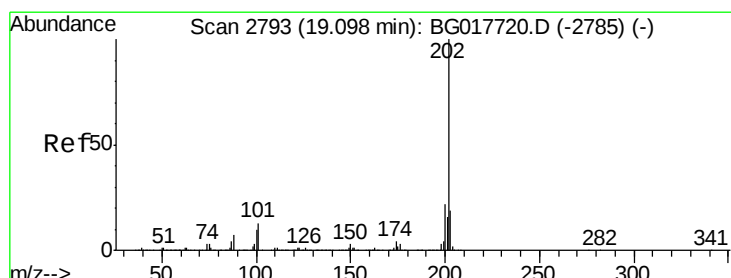
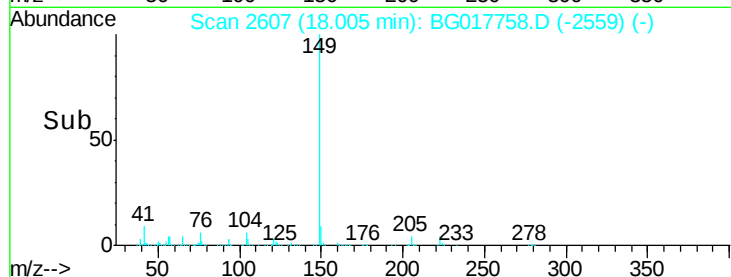
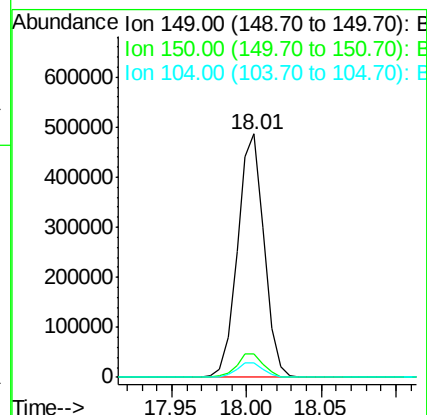
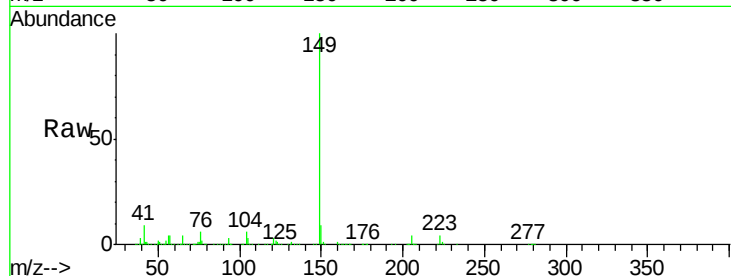




#73
Di-n-butylphthalate
Concen: 16.26 ng
RT: 18.01 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

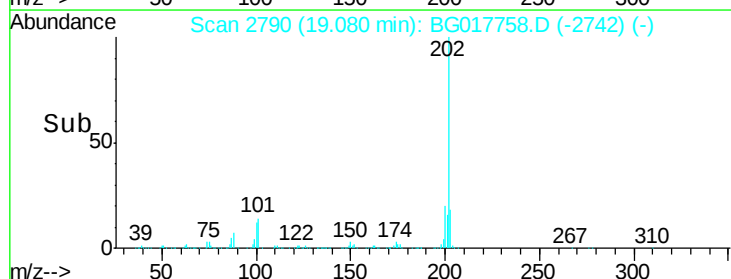
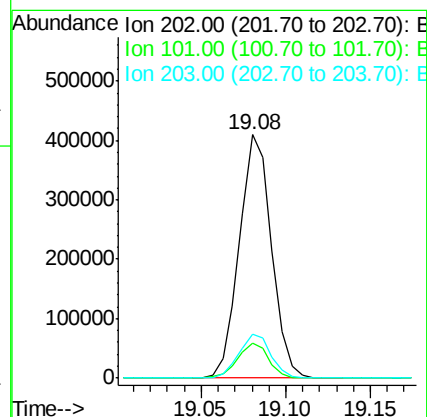
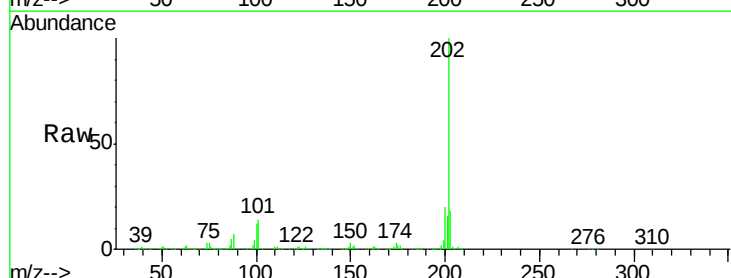
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

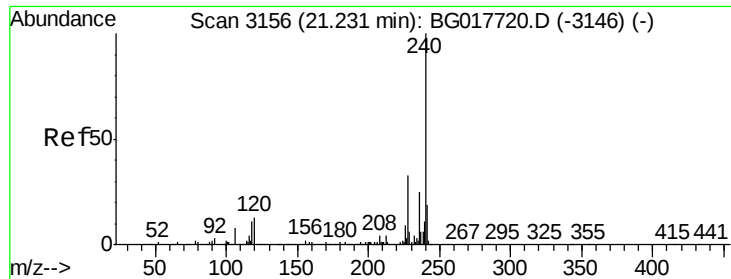
Tgt Ion:149 Resp: 601810
Ion Ratio Lower Upper
149 100
150 9.4 8.6 12.8
104 6.1 5.0 7.6



#74
Fluoranthene
Concen: 15.68 ng
RT: 19.08 min Scan# 2790
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:202 Resp: 542381
Ion Ratio Lower Upper
202 100
101 14.4 0.0 33.3
203 17.8 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: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

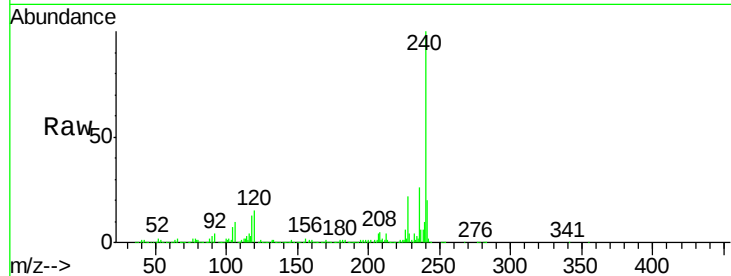
Tgt Ion:240 Resp: 558573

Ion Ratio Lower Upper

240 100

120 14.6 10.8 16.2

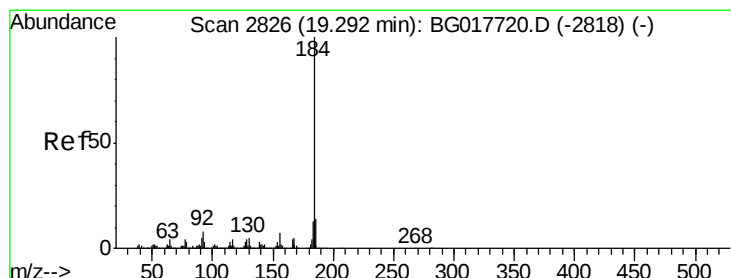
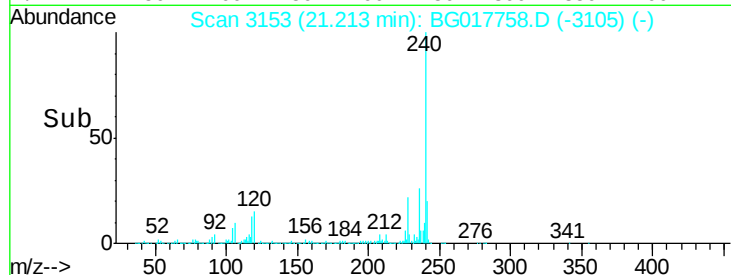
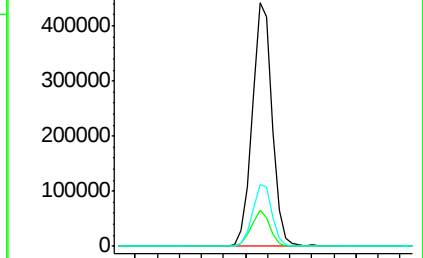
236 25.6 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.70 ng

RT: 19.27 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

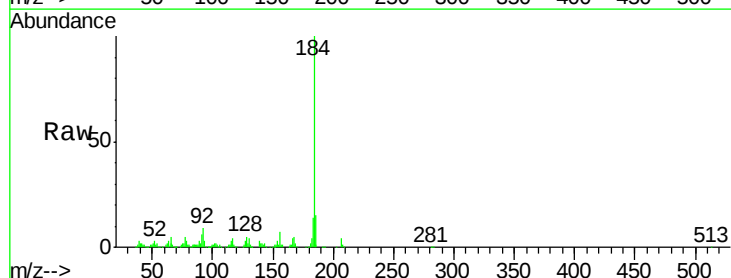
Tgt Ion:184 Resp: 124745

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

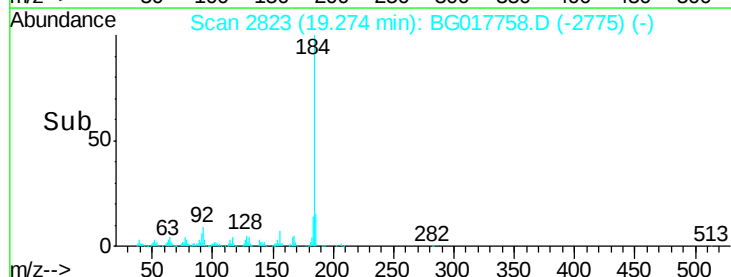
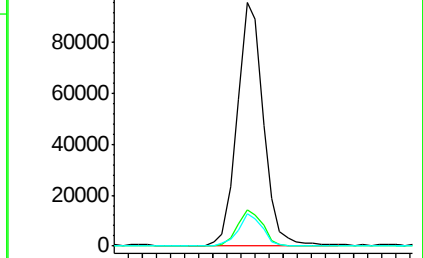
183 13.6 10.0 15.0

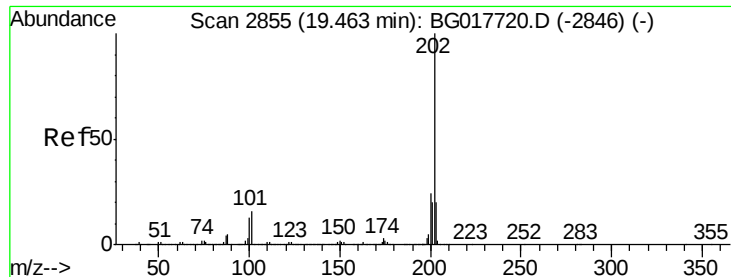


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

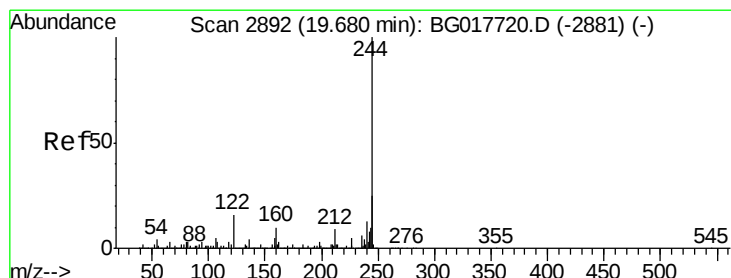
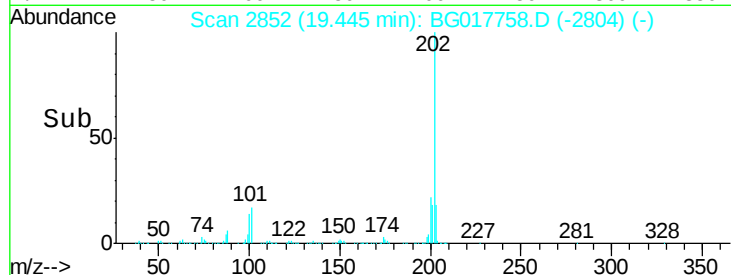
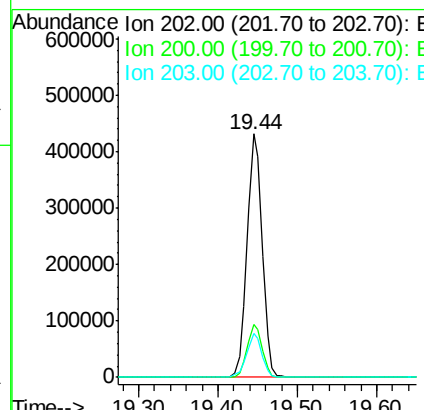
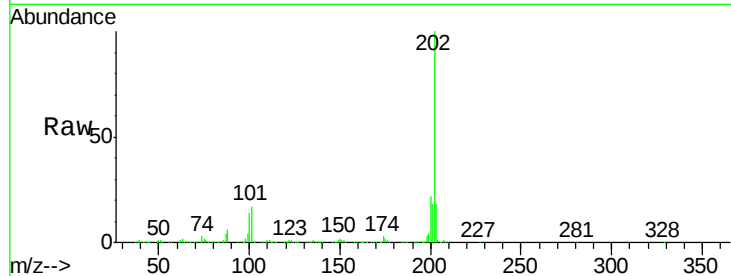




#77
 Pyrene
 Concen: 16.03 ng
 RT: 19.44 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

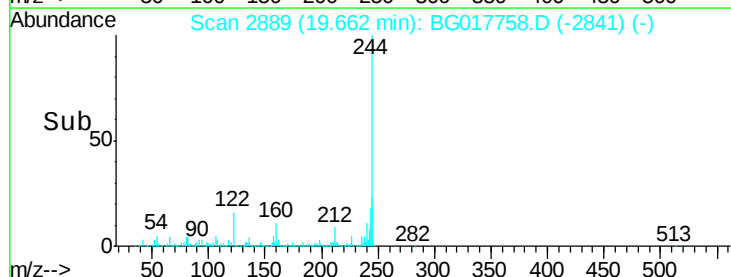
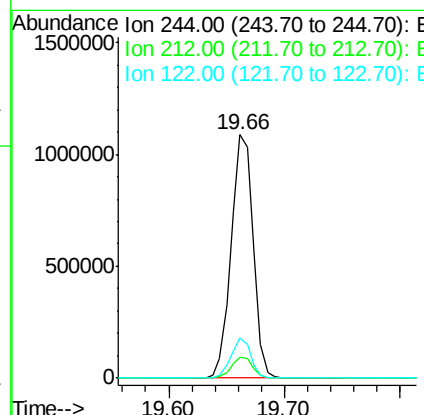
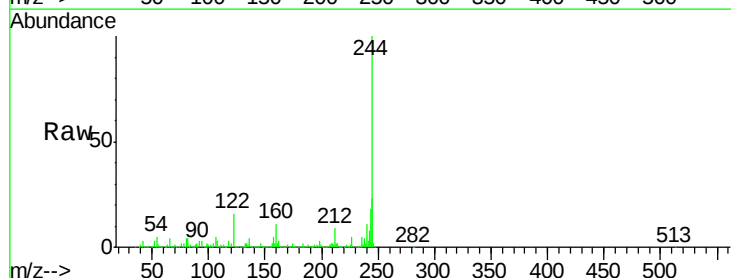
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.8	28.2
203	17.8	15.9	23.9



#78
 Terphenyl-d14
 Concen: 58.17 ng
 RT: 19.66 min Scan# 2889
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.2	10.8
122	16.5	12.8	19.2

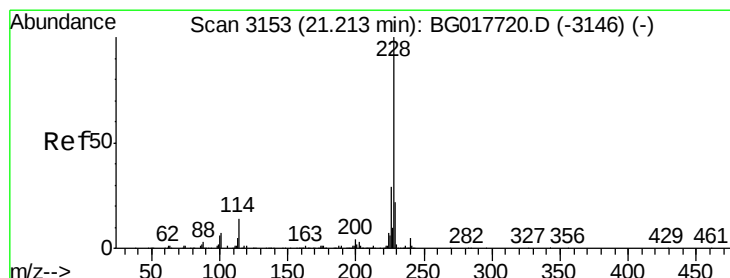
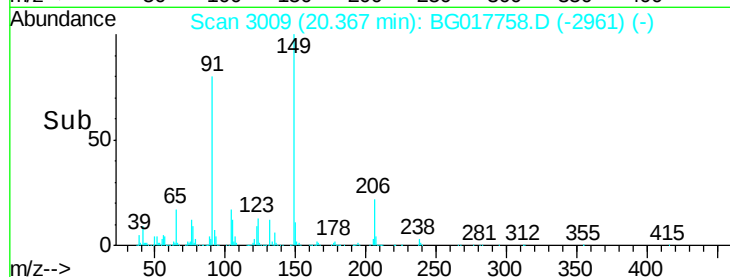
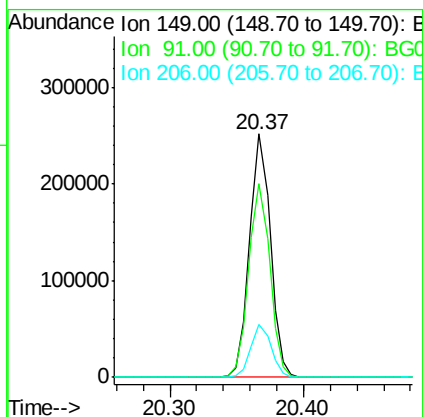
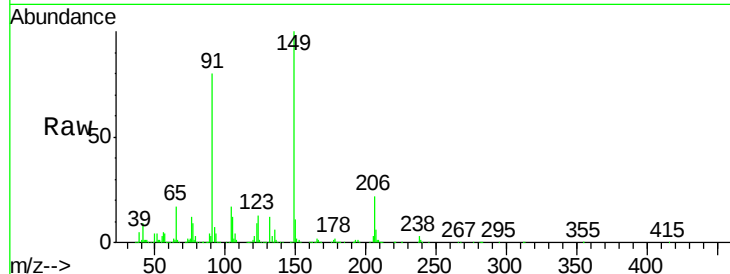




#79
Butylbenzylphthalate
Concen: 16.10 ng
RT: 20.37 min Scan# 3009
Delta R.T. -0.02 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

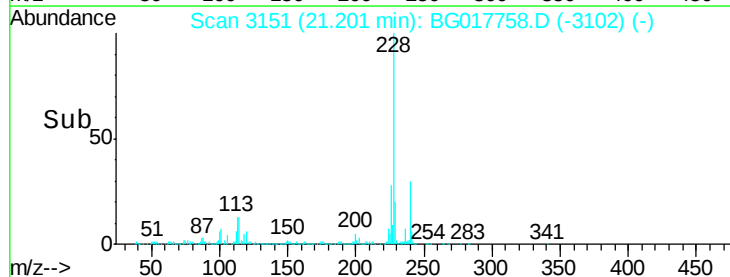
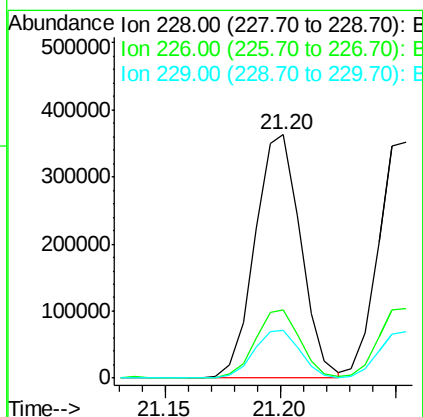
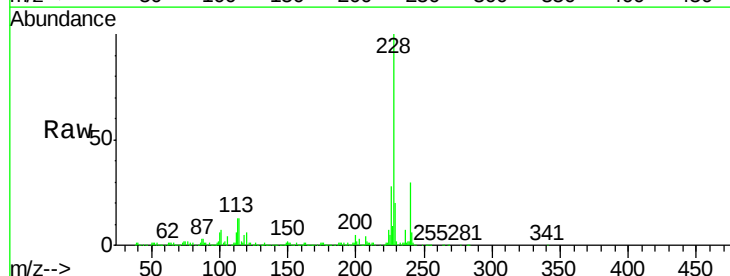
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

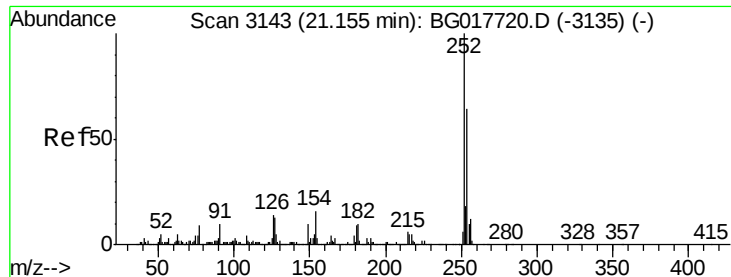
Tgt Ion:149 Resp: 270744
Ion Ratio Lower Upper
149 100
91 79.7 59.5 89.3
206 21.7 18.5 27.7



#80
Benzo(a)anthracene
Concen: 15.45 ng
RT: 21.20 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG017758.D
Acq: 23 Jun 2015 15:40

Tgt Ion:228 Resp: 496964
Ion Ratio Lower Upper
228 100
226 28.3 23.1 34.7
229 19.7 17.4 26.0

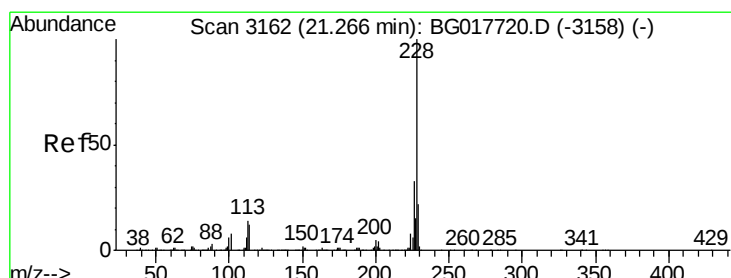
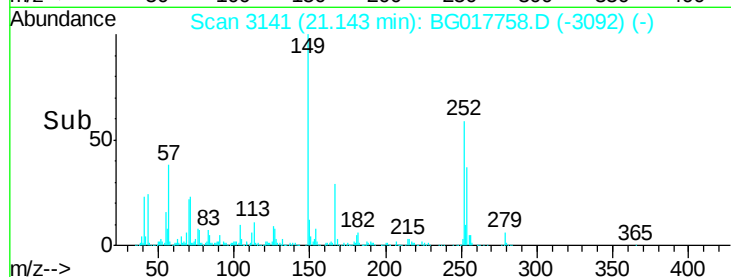
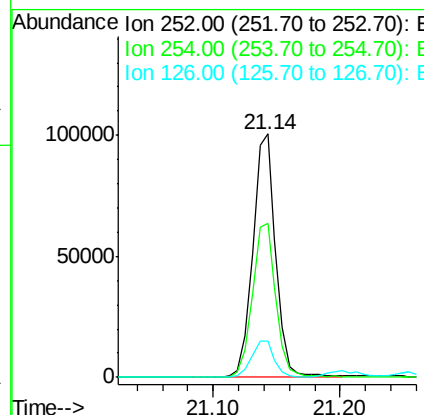
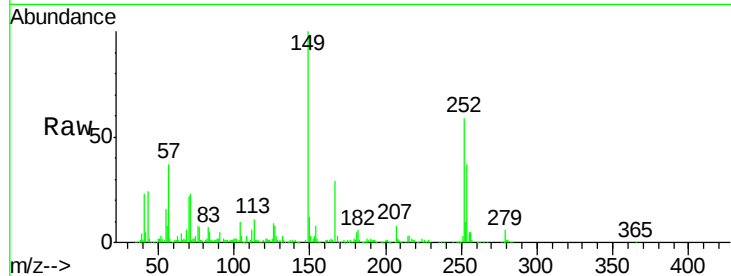




#81
 3,3'-Dichlorobenzidine
 Concen: 10.51 ng
 RT: 21.14 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

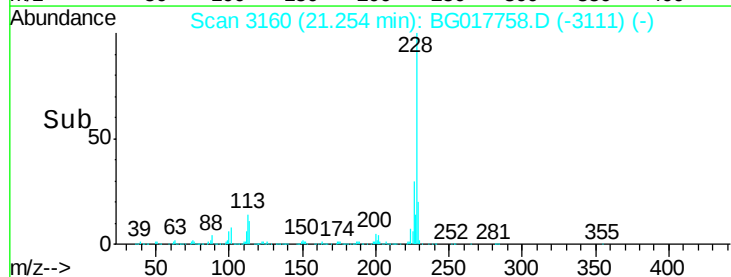
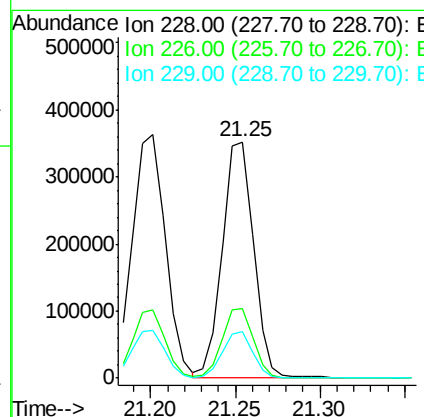
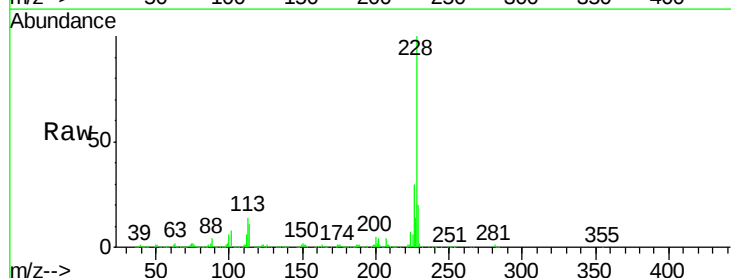
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

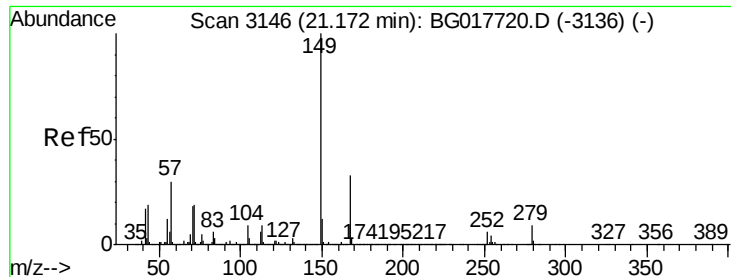
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.2	76.8
126	14.9	11.4	17.0



#82
 Chrysene
 Concen: 15.36 ng
 RT: 21.25 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	26.1	39.1
229	19.7	17.7	26.5

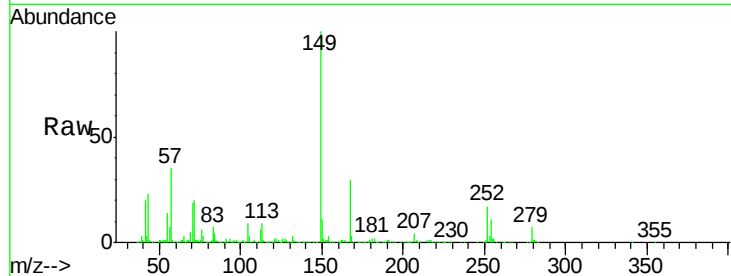




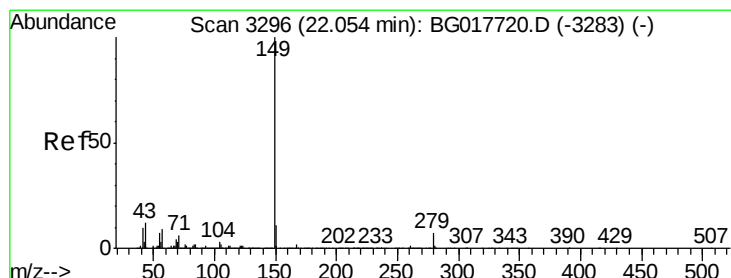
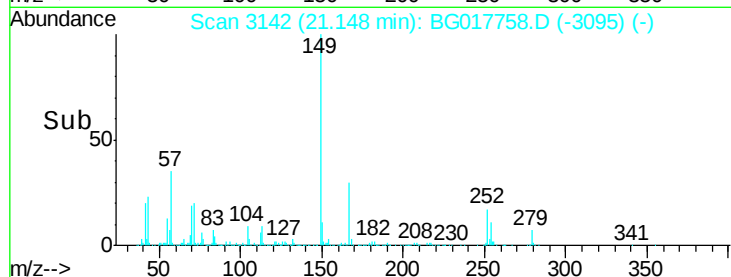
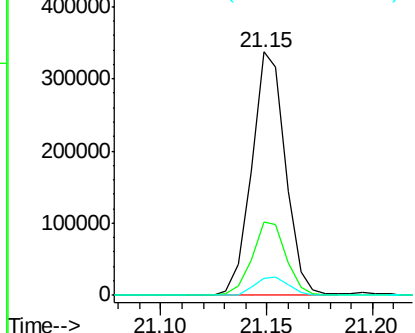
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 15.98 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:149 Resp: 373183
 Ion Ratio Lower Upper
 149 100
 167 30.3 26.6 39.8
 279 7.2 6.9 10.3

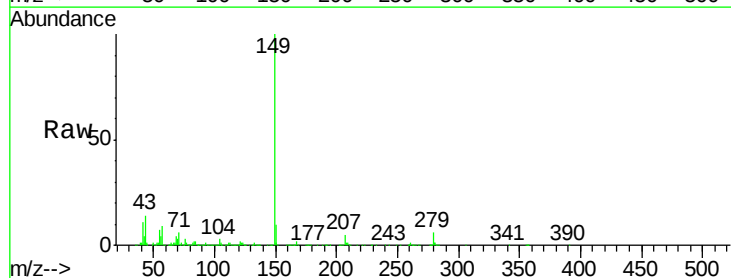


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

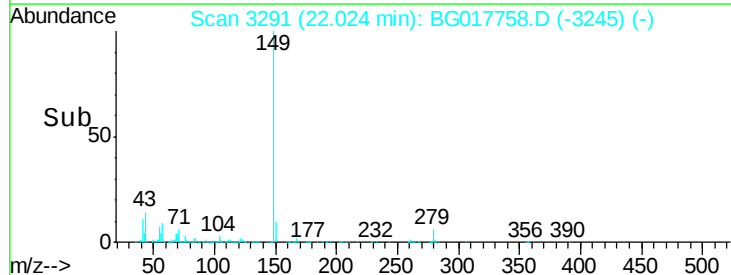
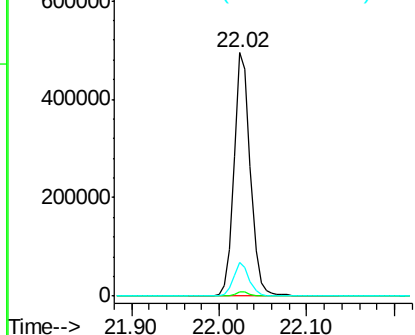


#84
 Di-n-octyl phthalate
 Concen: 16.33 ng
 RT: 22.02 min Scan# 3291
 Delta R.T. -0.03 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Tgt Ion:149 Resp: 626098
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 13.4 9.7 14.5



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 14.23 ng

RT: 25.70 min Scan# 3916

Delta R.T. -0.05 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

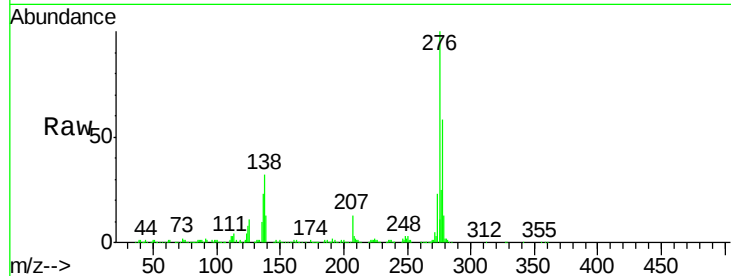
Tgt Ion:276 Resp: 503657

Ion Ratio Lower Upper

276 100

138 33.6 25.4 38.0

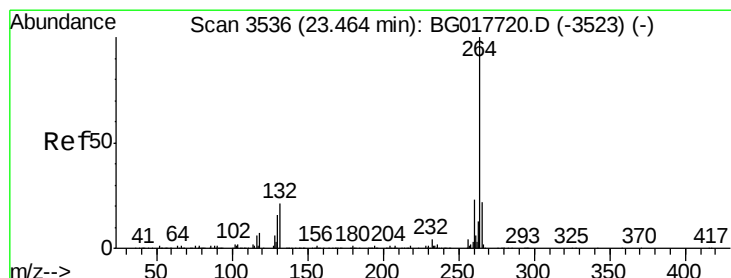
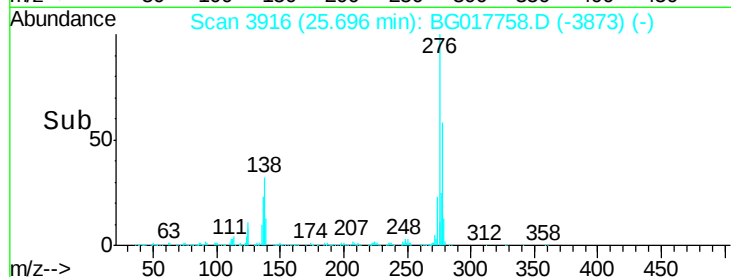
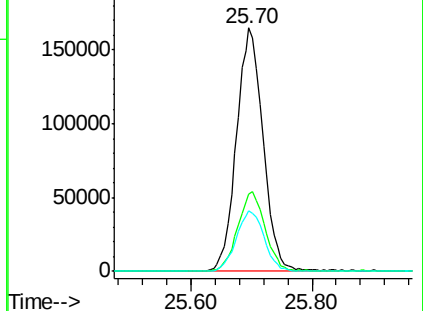
277 25.8 21.0 31.4



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: BG017758.D

Acq: 23 Jun 2015 15:40

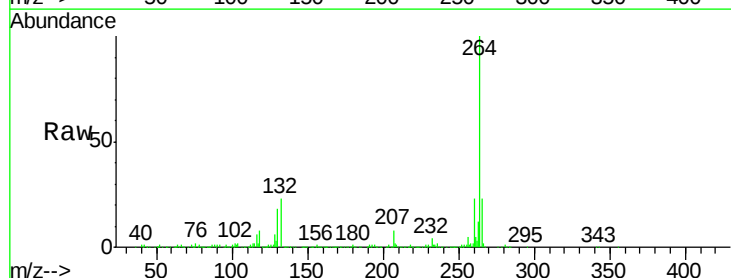
Tgt Ion:264 Resp: 535179

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

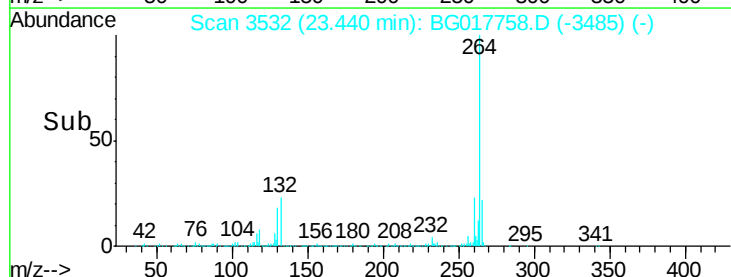
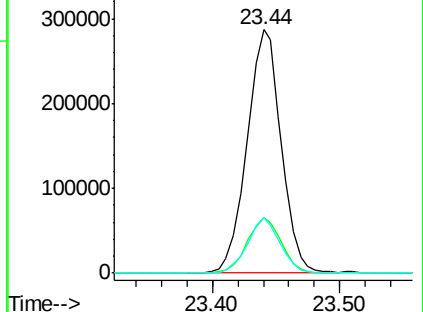
265 22.5 18.2 27.2

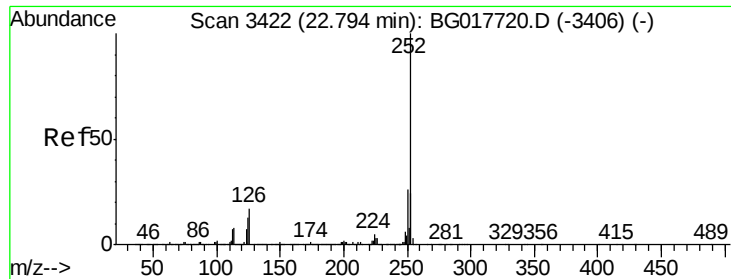


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 15.00 ng

RT: 22.77 min Scan# 3418

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

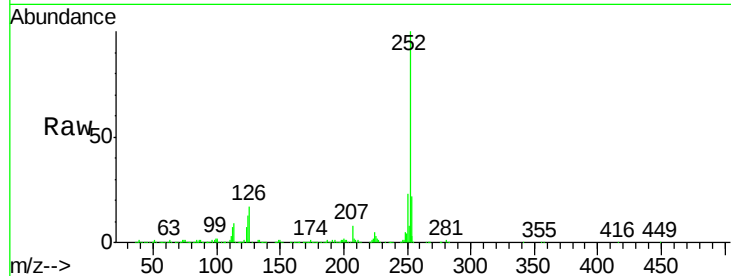
Tgt Ion:252 Resp: 483243

Ion Ratio Lower Upper

252 100

253 22.2 19.7 29.5

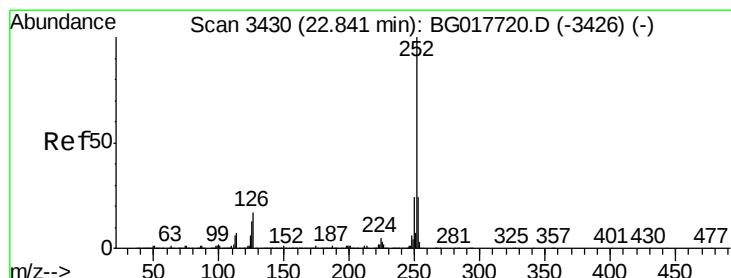
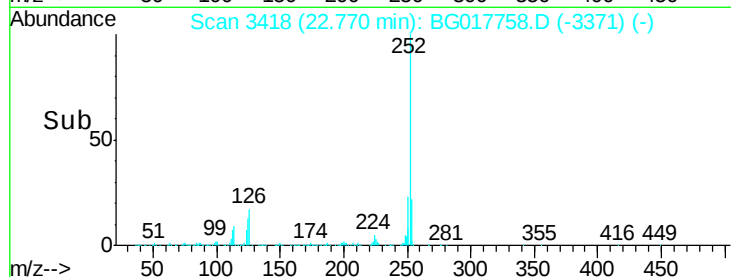
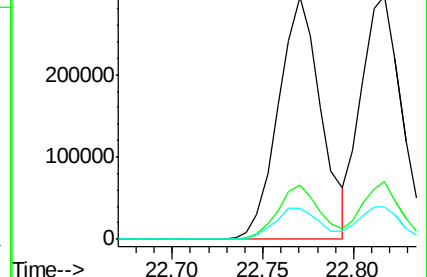
125 13.0 10.6 15.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 14.78 ng

RT: 22.82 min Scan# 3426

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

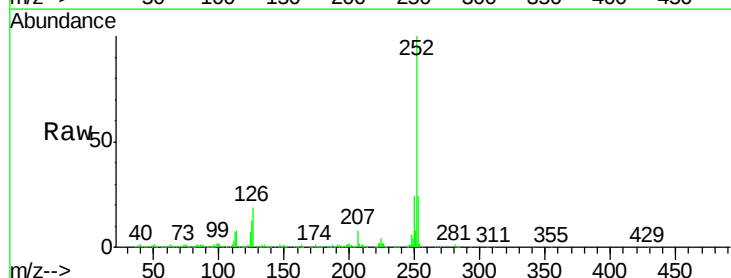
Tgt Ion:252 Resp: 455158

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.6

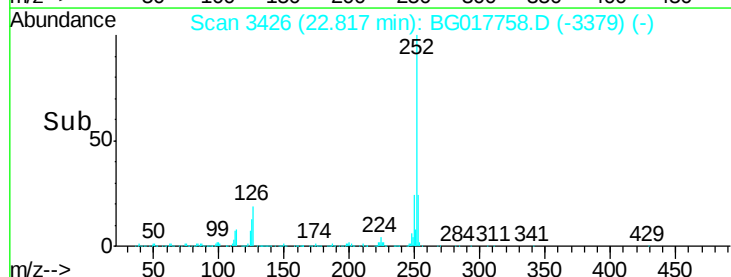
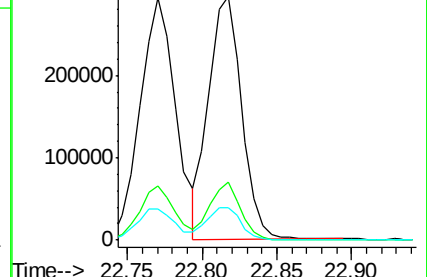
125 13.1 10.3 15.5

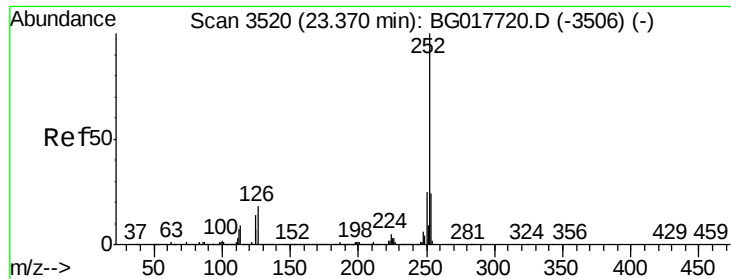


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 15.18 ng

RT: 23.35 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

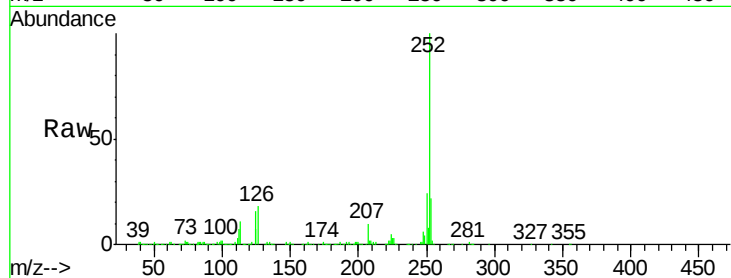
Tgt Ion:252 Resp: 449461

Ion Ratio Lower Upper

252 100

253 22.1 19.0 28.6

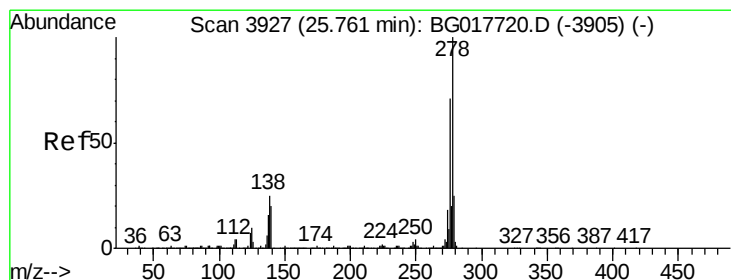
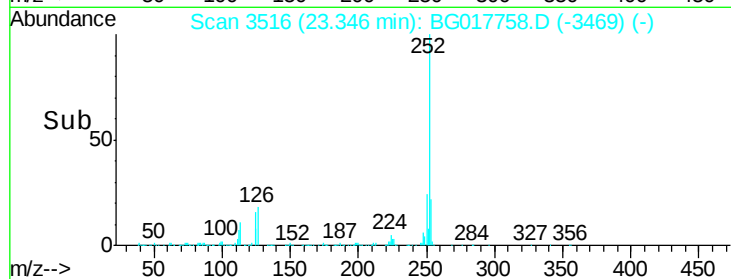
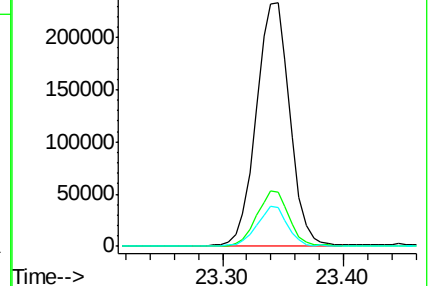
125 15.8 11.1 16.7



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: 14.26 ng

RT: 25.71 min Scan# 3919

Delta R.T. -0.05 min

Lab File: BG017758.D

Acq: 23 Jun 2015 15:40

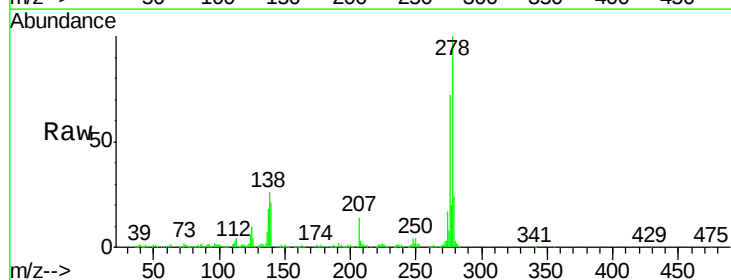
Tgt Ion:278 Resp: 427350

Ion Ratio Lower Upper

278 100

139 21.3 16.2 24.2

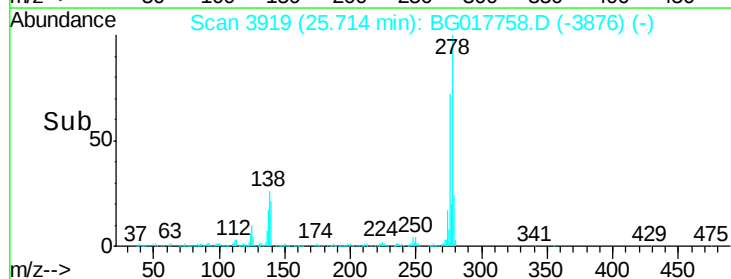
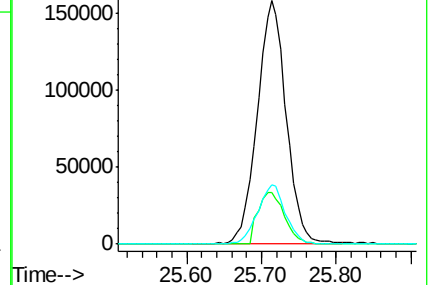
279 24.5 19.9 29.9

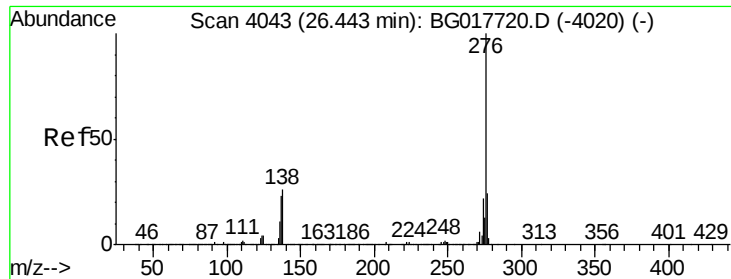


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

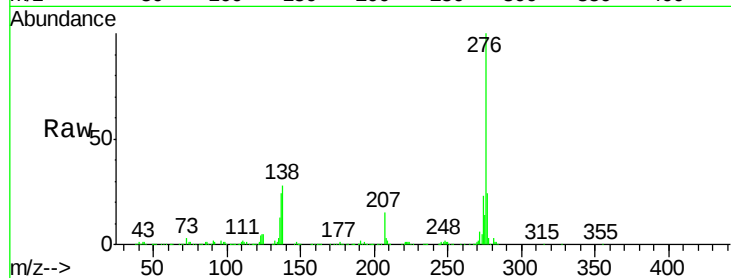




#91
 Benzo(g,h,i)perylene
 Concen: 14.27 ng
 RT: 26.39 min Scan# 4034
 Delta R.T. -0.05 min
 Lab File: BG017758.D
 Acq: 23 Jun 2015 15:40

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:	276	Resp:	414476
Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	27.9	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

