

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017751.D
 Acq On : 22 Jun 2015 18:38
 Operator : TP/IZ
 Sample : G2653-04
 Misc : LOQ-SVOC-SOIL-20PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Quant Time: Jun 23 12:51:18 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	63541	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	287020	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	173603	20.00	ng	-0.01
63) Phenanthrene-d10	17.02	188	385853	20.00	ng	-0.01
75) Chrysene-d12	21.21	240	408770	20.00	ng	-0.02
86) Perylene-d12	23.44	264	390154	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	523819	144.68	ng	0.00
7) Phenol-d6	6.79	99	722371	141.95	ng	-0.01
23) Nitrobenzene-d5	8.76	82	444291	89.04	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	206762	128.44	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	912137	85.33	ng	-0.02
78) Terphenyl-d14	19.66	244	1428159	79.39	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	33004	20.93	ng	# 84
3) Pyridine	3.55	79	101272	23.07	ng	99
4) n-Nitrosodimethylamine	3.47	42	52451	26.29	ng	98
6) Aniline	6.95	93	94720	13.54	ng	98
8) 2-Chlorophenol	7.18	128	108393	23.93	ng	93
9) Benzaldehyde	6.76	77	96044	32.56	ng	97
10) Phenol	6.82	94	146013	26.32	ng	96
11) bis(2-Chloroethyl)ether	7.05	93	100511	23.89	ng	97
12) 1,3-Dichlorobenzene	7.50	146	107830	21.40	ng	99
13) 1,4-Dichlorobenzene	7.65	146	108991	20.93	ng	100
14) 1,2-Dichlorobenzene	7.96	146	106387	21.65	ng	95
15) Benzyl Alcohol	7.85	79	101104	23.07	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.15	45	165917	25.84	ng	98
17) 2-Methylphenol	8.05	107	97379	23.58	ng	97
18) Hexachloroethane	8.68	117	42720	21.40	ng	94
19) n-Nitroso-di-n-propylamine	8.42	70	93015	21.72	ng	98
20) 3+4-Methylphenols	8.38	107	128832	23.12	ng	96
22) Acetophenone	8.43	105	156217	24.00	ng	# 96
24) Nitrobenzene	8.80	77	132180	24.65	ng	98
25) Isophorone	9.32	82	246778	22.21	ng	94
26) 2-Nitrophenol	9.51	139	54531	22.29	ng	92
27) 2,4-Dimethylphenol	9.58	122	110285	23.80	ng	99
28) bis(2-Chloroethoxy)methane	9.81	93	132741	23.70	ng	99
29) 2,4-Dichlorophenol	10.04	162	94311	23.10	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	91623	19.98	ng	96
31) Naphthalene	10.44	128	336354	21.68	ng	100
32) Benzoic acid	9.67	122	39735	20.86	ng	89
33) 4-Chloroaniline	10.55	127	62305	9.18	ng	98
34) Hexachlorobutadiene	10.73	225	53701	20.46	ng	91
35) Caprolactam	11.32	113	49450	21.80	ng	91
36) 4-Chloro-3-methylphenol	11.69	107	116431	23.04	ng	97
37) 2-Methylnaphthalene	12.06	142	246320	22.07	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	101174	21.73	ng	97
40) Hexachlorocyclopentadiene	12.42	237	65587	20.97	ng	98

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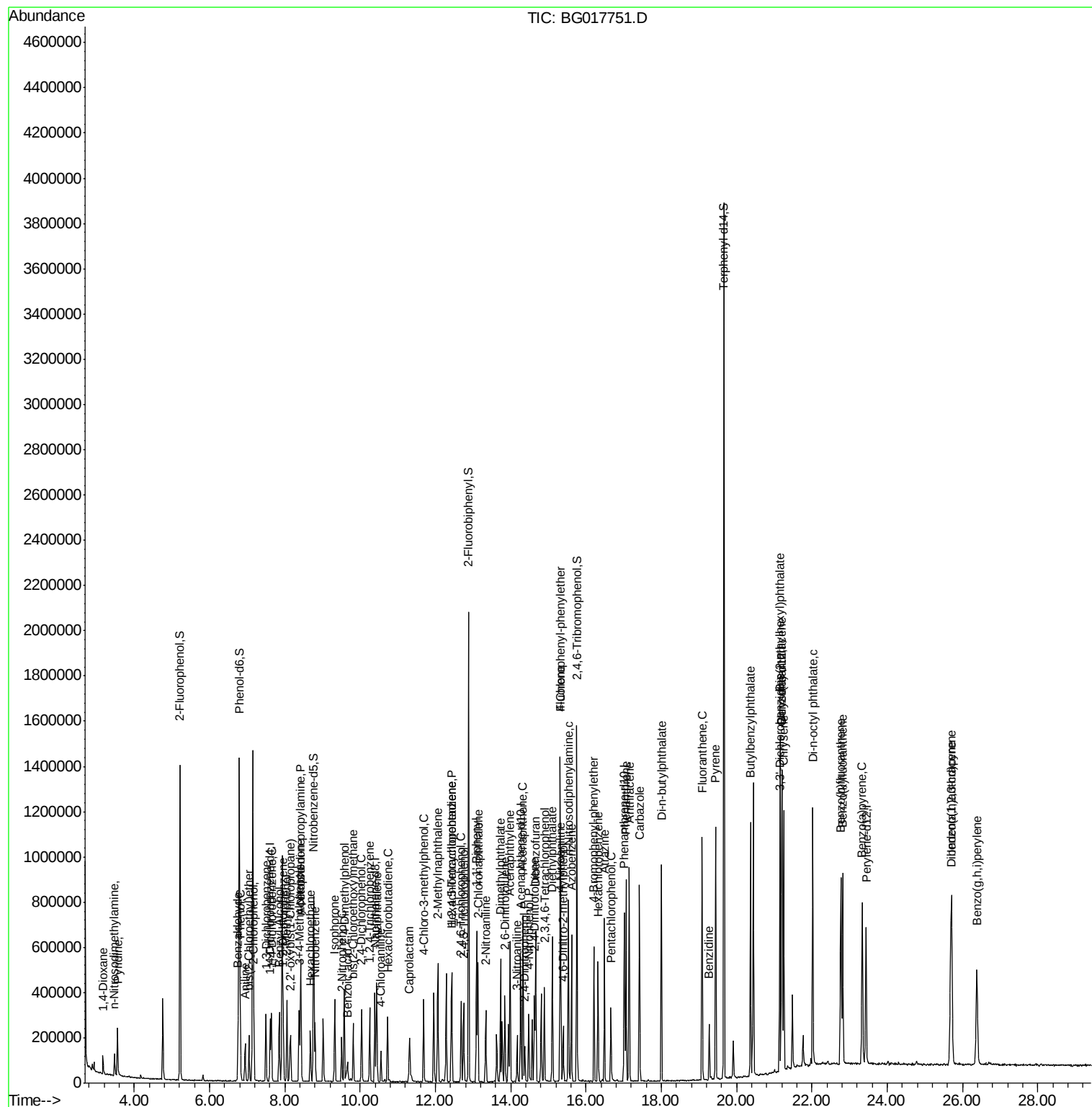
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	70520	22.37	ng	99
43) 2,4,5-Trichlorophenol	12.75	196	80357	23.38	ng	94
45) 1,1'-Biphenyl	13.09	154	306422	23.89	ng	99
46) 2-Chloronaphthalene	13.13	162	229461	22.22	ng	97
47) 2-Nitroaniline	13.34	65	83609	27.09	ng	90
48) Acenaphthylene	13.98	152	408990	22.17	ng	98
49) Dimethylphthalate	13.73	163	294672	22.19	ng	99
50) 2,6-Dinitrotoluene	13.84	165	67268	24.57	ng	97
51) Acenaphthene	14.33	154	245799	22.08	ng	99
52) 3-Nitroaniline	14.17	138	43833	13.70	ng	95
53) 2,4-Dinitrophenol	14.37	184	27425	26.04	ng	# 86
54) Dibenzofuran	14.66	168	370259	23.62	ng	99
55) 4-Nitrophenol	14.48	139	65499	25.92	ng	91
56) 2,4-Dinitrotoluene	14.63	165	88791	24.10	ng	93
57) Fluorene	15.31	166	317193	22.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	67271m	23.60	ng	
59) Diethylphthalate	15.10	149	329328	22.86	ng	97
60) 4-Chlorophenyl-phenylether	15.32	204	145043	22.30	ng	94
61) 4-Nitroaniline	15.34	138	86513	24.36	ng	90
62) Azobenzene	15.61	77	378347	25.07	ng	95
64) 4,6-Dinitro-2-methylphenol	15.40	198	43014	24.60	ng	87
65) n-Nitrosodiphenylamine	15.53	169	273324	22.17	ng	98
66) 4-Bromophenyl-phenylether	16.21	248	84252	21.14	ng	92
67) Hexachlorobenzene	16.32	284	89564	20.75	ng	95
68) Atrazine	16.49	200	104627	23.26	ng	98
69) Pentachlorophenol	16.67	266	48224	22.27	ng	90
70) Phenanthrene	17.06	178	494370	22.71	ng	99
71) Anthracene	17.15	178	505257	23.25	ng	97
72) Carbazole	17.42	167	485844	22.81	ng	97
73) Di-n-butylphthalate	18.00	149	633187	23.81	ng	97
74) Fluoranthene	19.08	202	575378	23.16	ng	96
76) Benzidine	19.27	184	117284	8.60	ng	99
77) Pyrene	19.44	202	595674	22.90	ng	95
79) Butylbenzylphthalate	20.37	149	283558	23.05	ng	94
80) Benzo(a)anthracene	21.20	228	536713	22.81	ng	98
81) 3,3'-Dichlorobenzidine	21.14	252	82760	9.43	ng	97
82) Chrysene	21.25	228	488281	22.61	ng	96
83) Bis(2-ethylhexyl)phthalate	21.15	149	394916	23.10	ng	93
84) Di-n-octyl phthalate	22.02	149	658171	23.46	ng	98
85) Indeno(1,2,3-cd)pyrene	25.70	276	525180	20.27	ng	98
87) Benzo(b)fluoranthene	22.77	252	516421	21.99	ng	97
88) Benzo(k)fluoranthene	22.82	252	482897	21.51	ng	96
89) Benzo(a)pyrene	23.34	252	479979	22.24	ng	97
90) Dibenzo(a,h)anthracene	25.72	278	451320	20.66	ng	97
91) Benzo(g,h,i)perylene	26.38	276	445119	21.03	ng	98

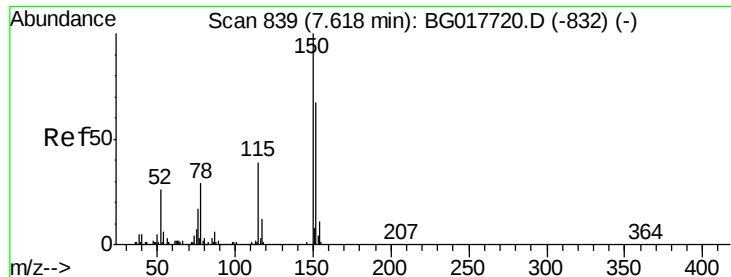
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

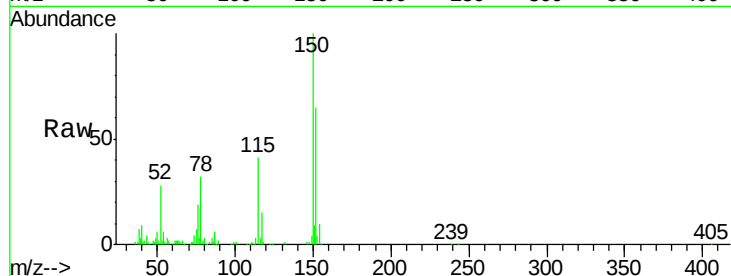
Tgt Ion:152 Resp: 63541

Ion Ratio Lower Upper

152 100

150 153.0 119.1 178.7

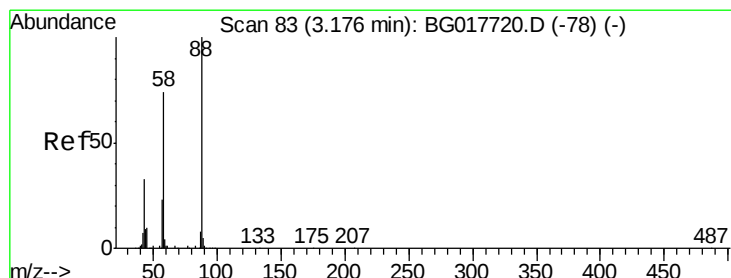
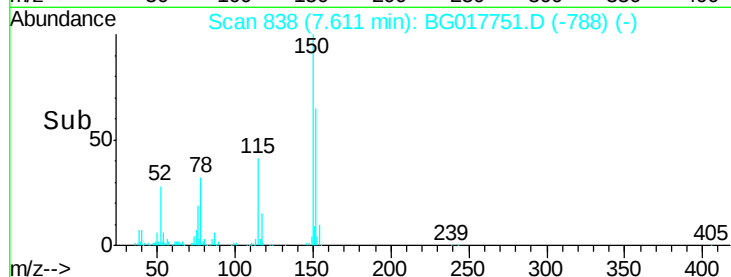
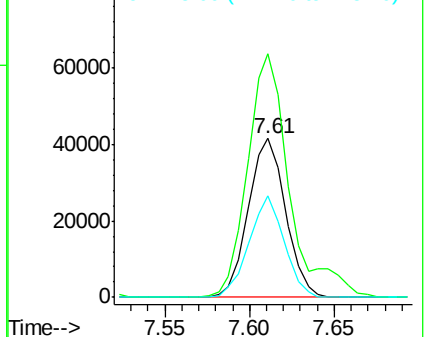
115 63.4 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.93 ng

RT: 3.17 min Scan# 82

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

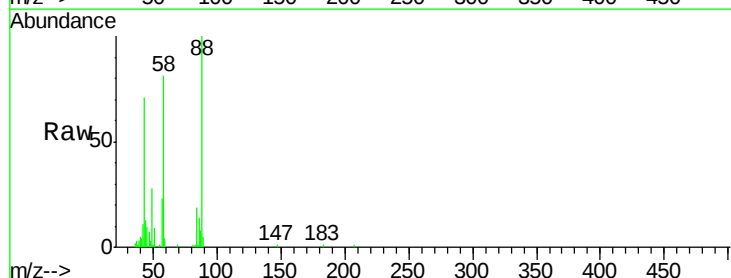
Tgt Ion: 88 Resp: 33004

Ion Ratio Lower Upper

88 100

58 84.0 55.8 83.8#

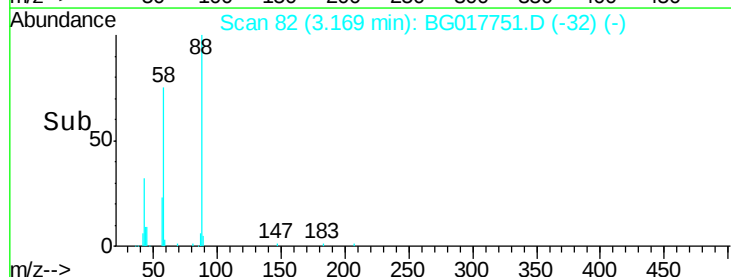
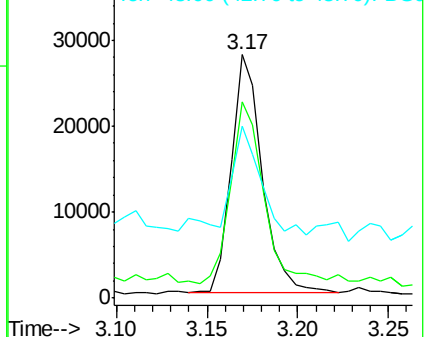
43 41.2 27.4 41.2#

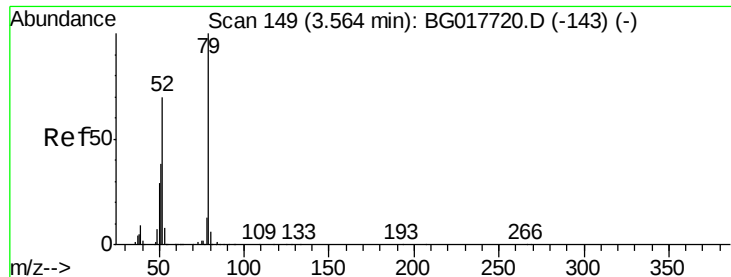


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 23.07 ng

RT: 3.55 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

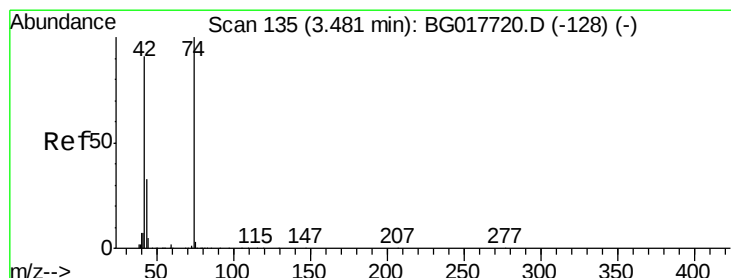
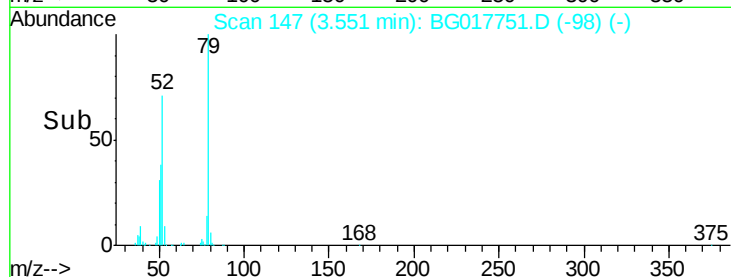
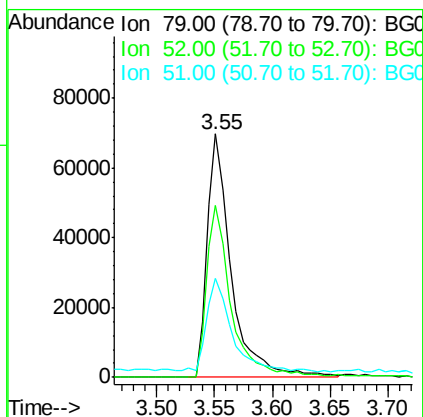
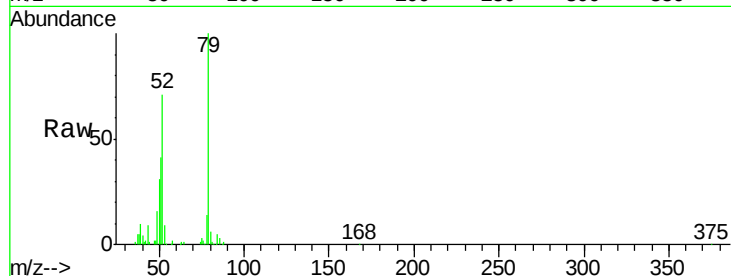
Tgt Ion: 79 Resp: 101272

Ion Ratio Lower Upper

79 100

52 70.7 55.7 83.5

51 40.8 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 26.29 ng

RT: 3.47 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

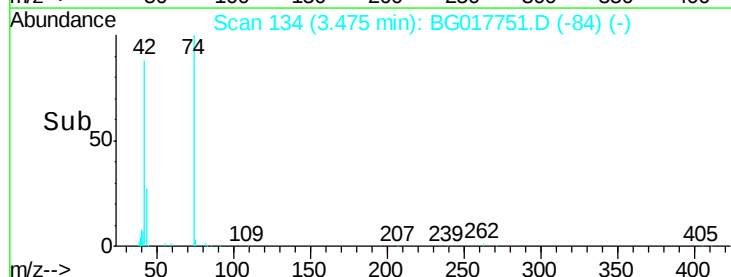
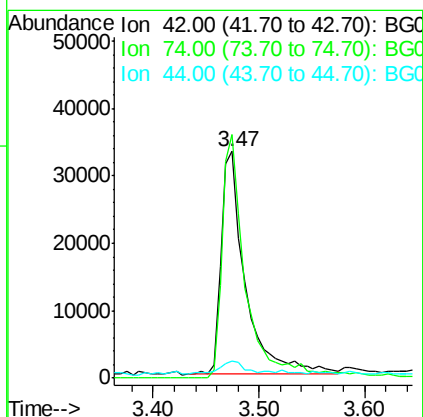
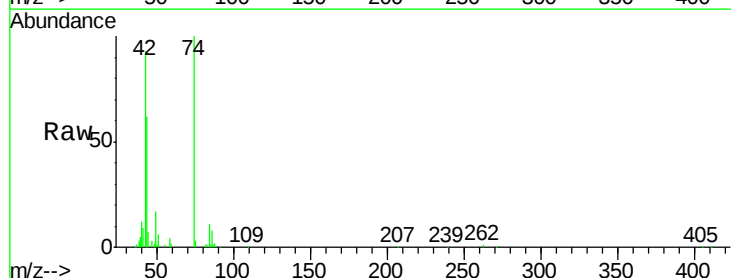
Tgt Ion: 42 Resp: 52451

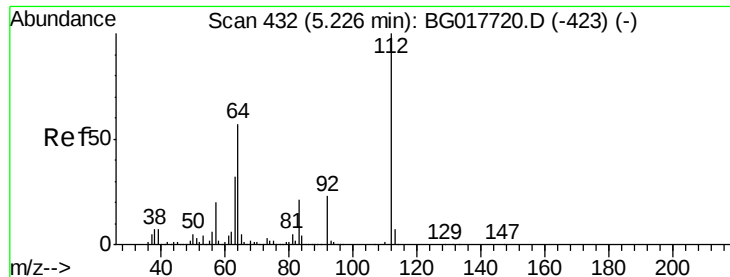
Ion Ratio Lower Upper

42 100

74 107.5 87.4 131.2

44 7.3 6.4 9.6





#5

2-Fluorophenol

Concen: 144.68 ng

RT: 5.22 min Scan# 431

Delta R.T. -0.01 min

Lab File: BG017751.D

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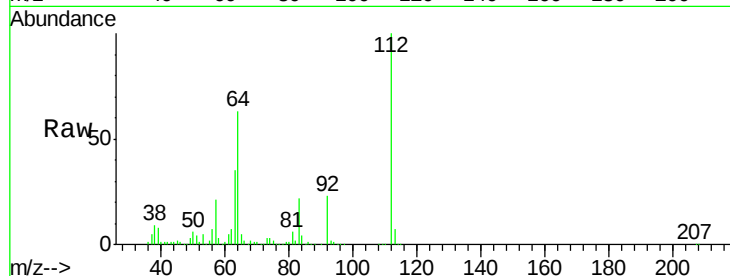
Tgt Ion: 112 Resp: 523819

Ion Ratio Lower Upper

112 100

64 63.4 45.4 68.0

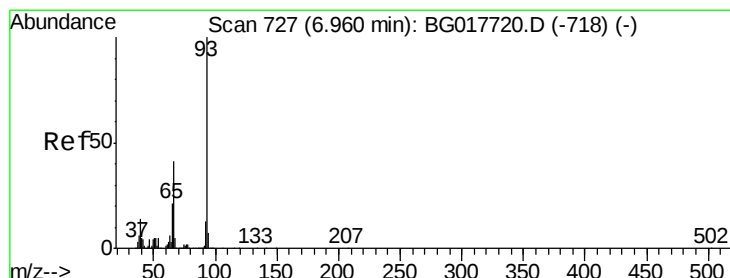
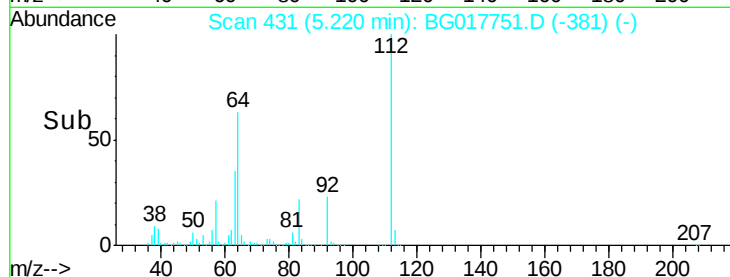
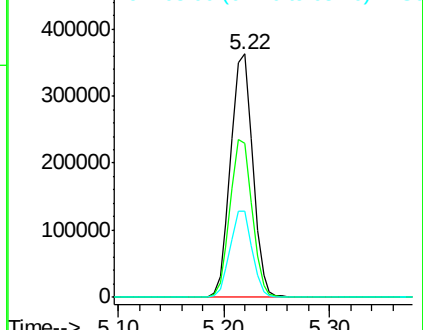
63 35.3 25.3 37.9



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: 13.54 ng

RT: 6.95 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

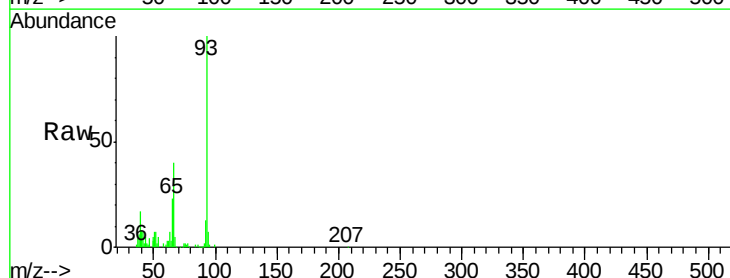
Tgt Ion: 93 Resp: 94720

Ion Ratio Lower Upper

93 100

66 39.6 32.7 49.1

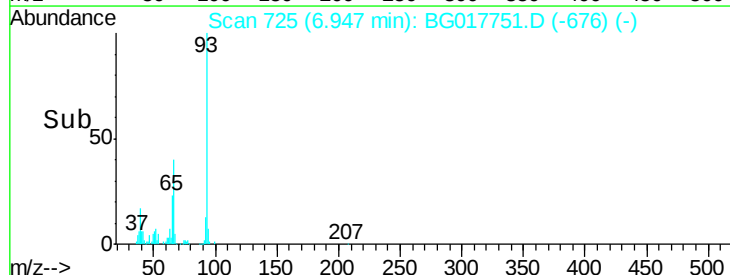
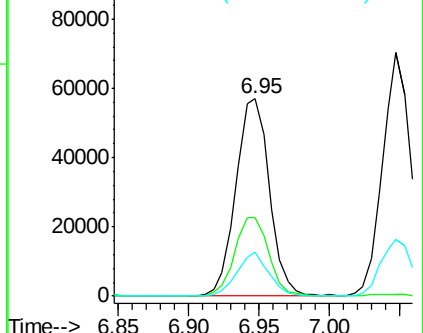
65 22.6 17.0 25.6

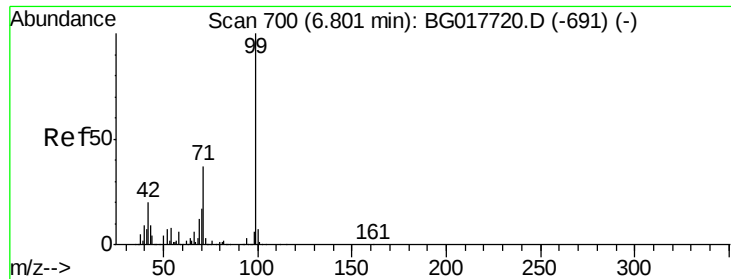


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.95 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017751.D

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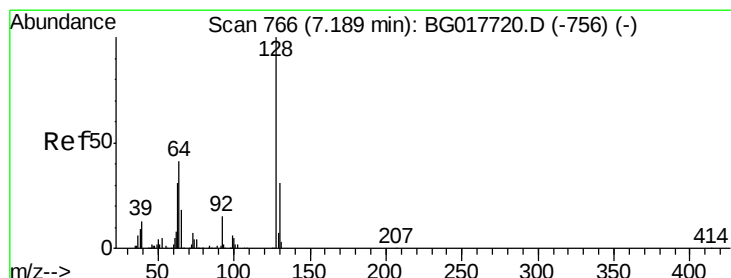
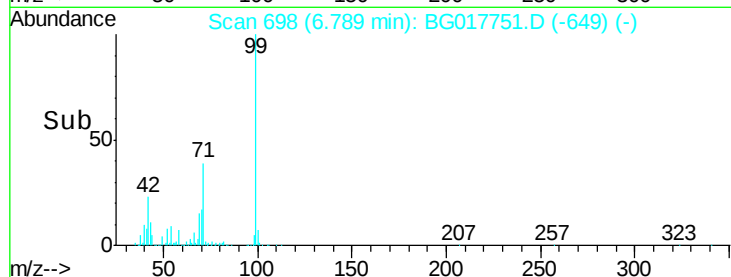
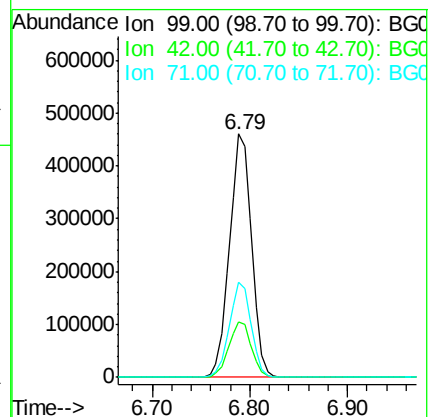
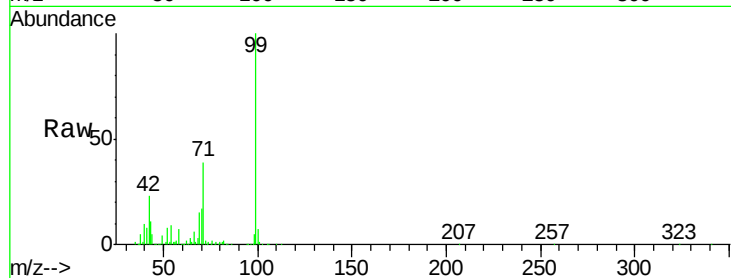
Tgt Ion: 99 Resp: 722371

Ion Ratio Lower Upper

99 100

42 22.8 16.2 24.4

71 39.3 29.5 44.3



#8

2-Chlorophenol

Concen: 23.93 ng

RT: 7.18 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

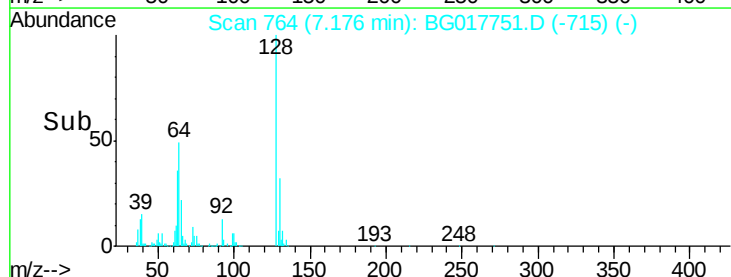
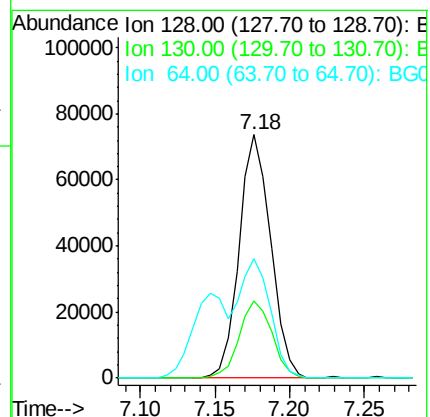
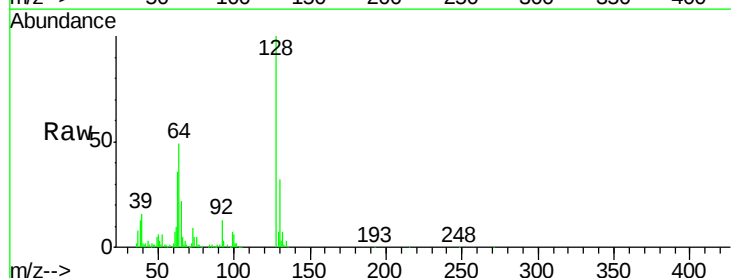
Tgt Ion: 128 Resp: 108393

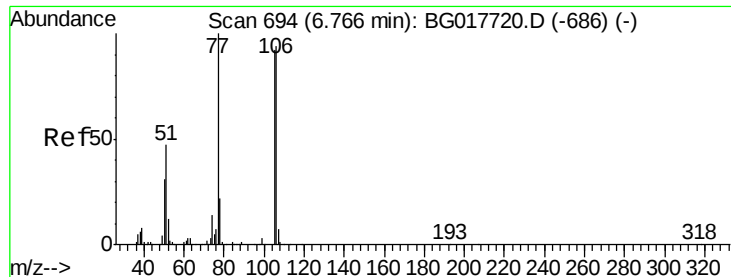
Ion Ratio Lower Upper

128 100

130 31.9 11.1 51.1

64 49.0 21.4 61.4





#9

Benzaldehyde

Concen: 32.56 ng

RT: 6.76 min Scan# 693

Delta R.T. -0.01 min

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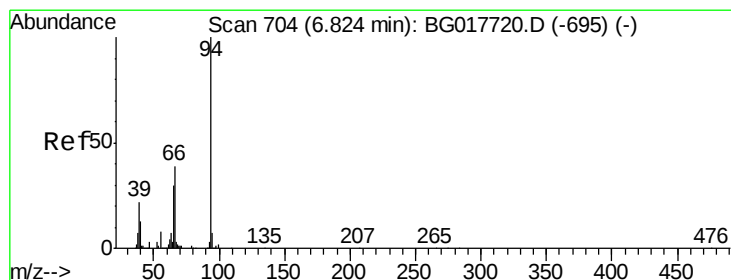
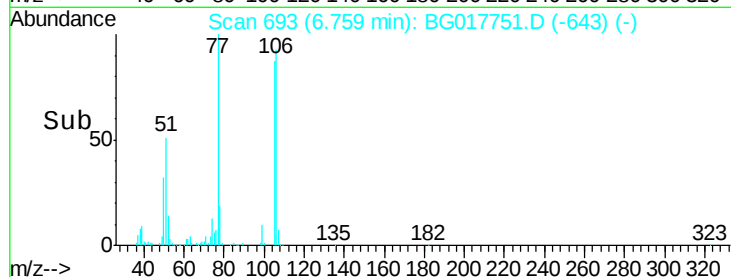
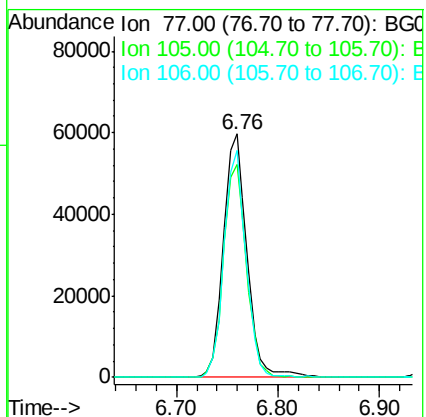
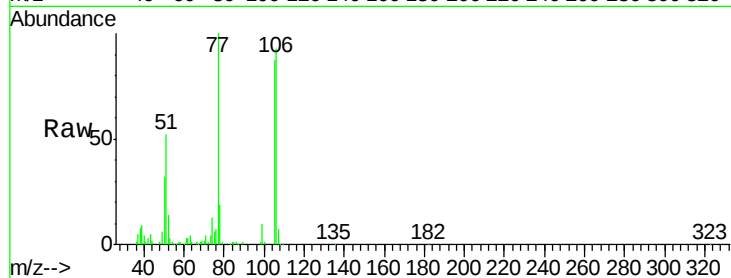
Tgt Ion: 77 Resp: 96044

Ion Ratio Lower Upper

77 100

105 87.2 71.8 111.8

106 93.3 74.5 114.5



#10

Phenol

Concen: 26.32 ng

RT: 6.82 min Scan# 703

Delta R.T. -0.01 min

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Acq: 22 Jun 2015 18:38

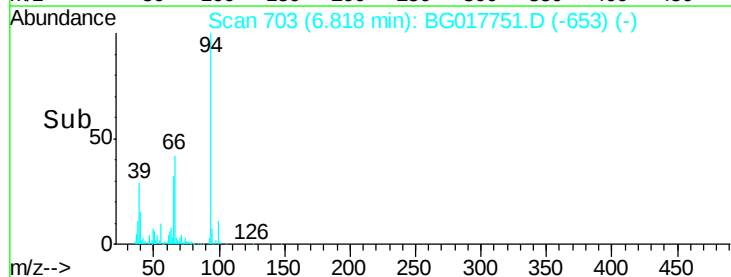
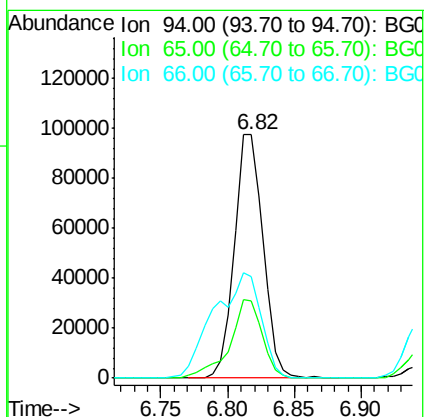
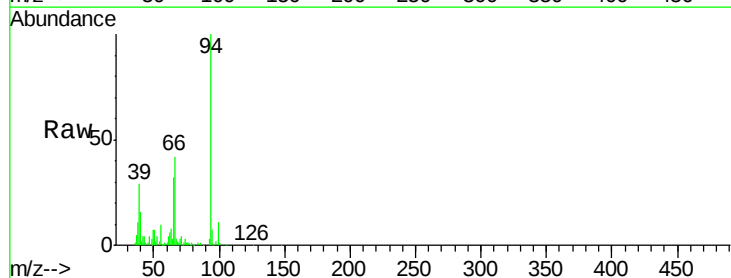
Tgt Ion: 94 Resp: 146013

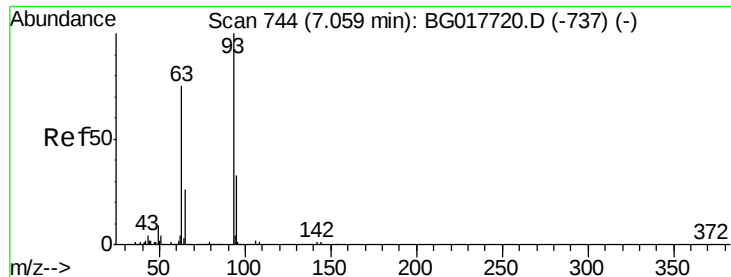
Ion Ratio Lower Upper

94 100

65 31.7 9.9 49.9

66 41.7 19.4 59.4

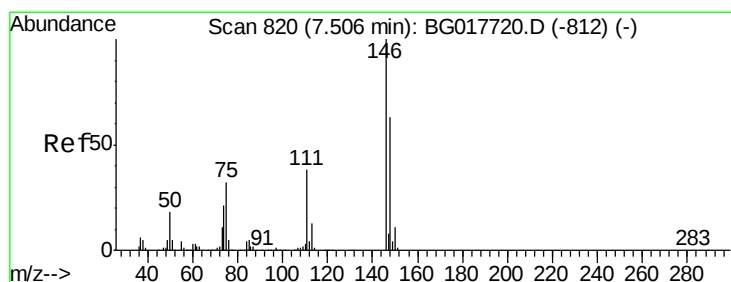
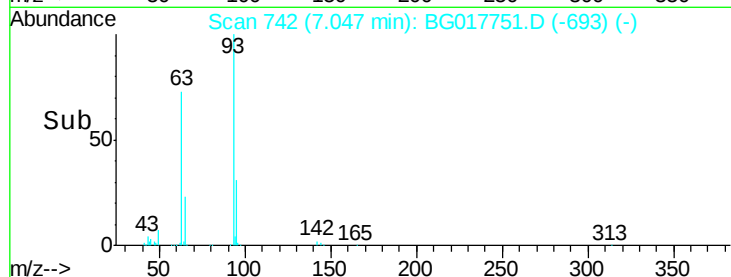
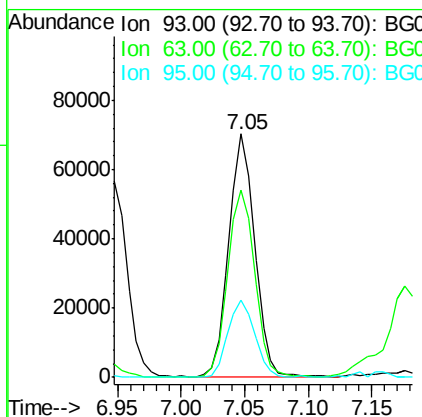
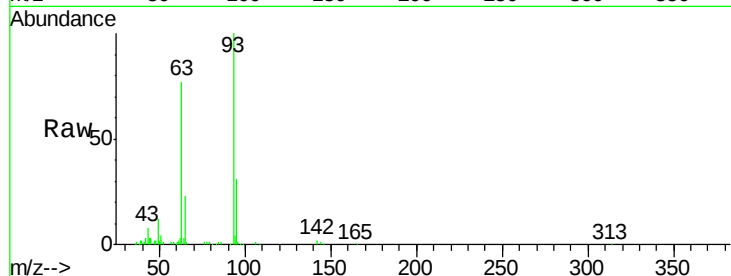




#11
bis(2-Chloroethyl)ether
Concen: 23.89 ng
RT: 7.05 min Scan# 742
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

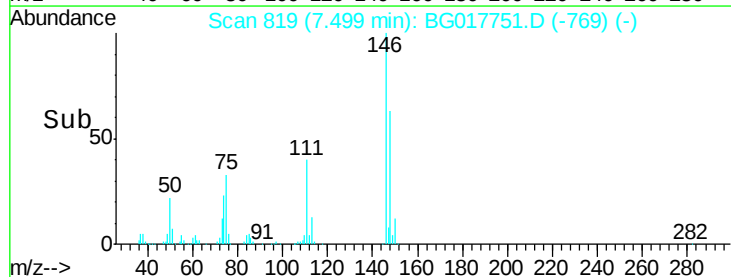
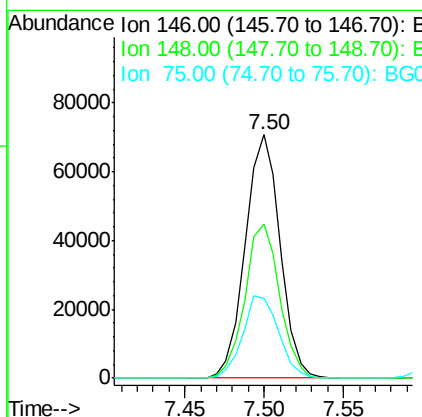
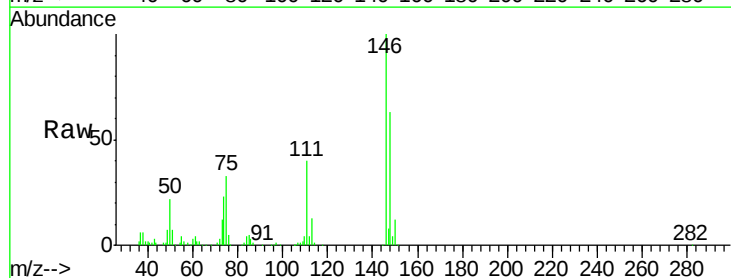
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.7	54.7	94.7
95	31.5	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 21.40 ng
RT: 7.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
75	32.9	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 20.93 ng

RT: 7.65 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

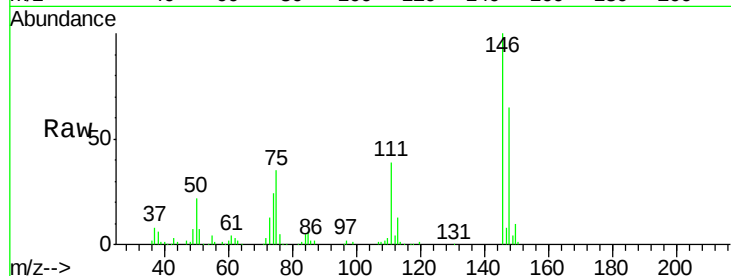
Tgt Ion:146 Resp: 108991

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

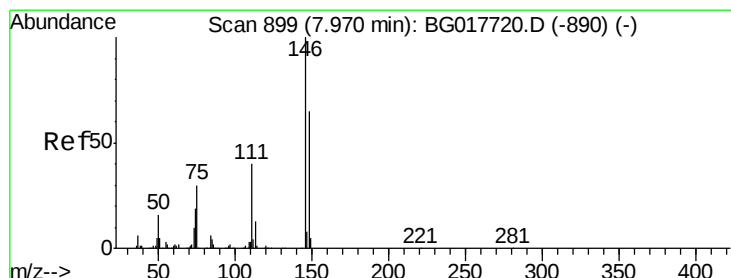
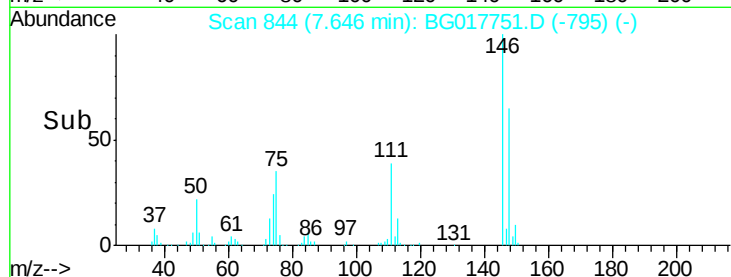
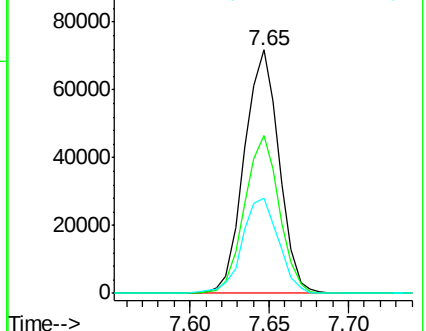
111 39.1 31.0 46.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 21.65 ng

RT: 7.96 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

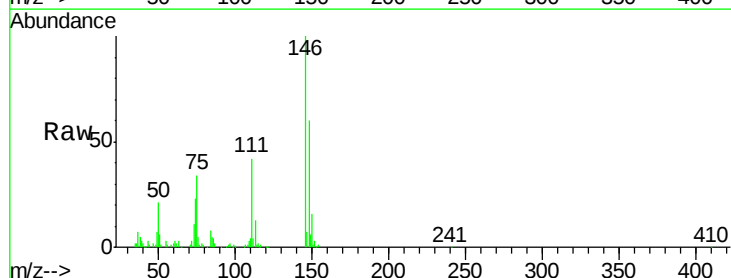
Tgt Ion:146 Resp: 106387

Ion Ratio Lower Upper

146 100

148 59.9 52.2 78.4

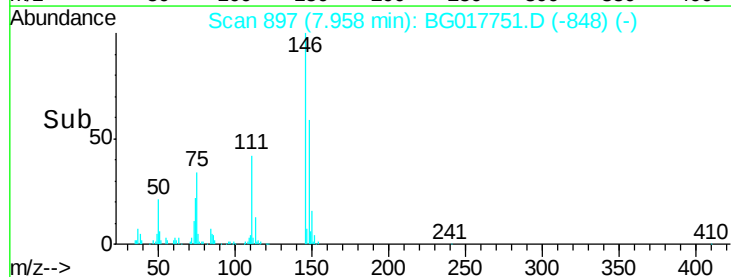
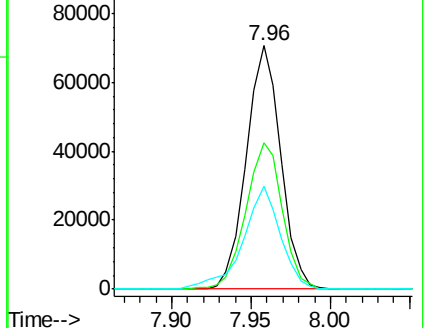
111 42.3 32.3 48.5

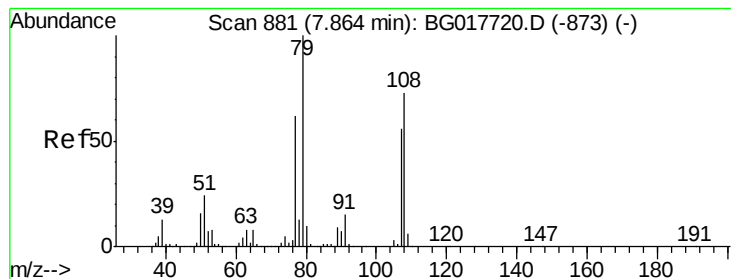


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.07 ng

RT: 7.85 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

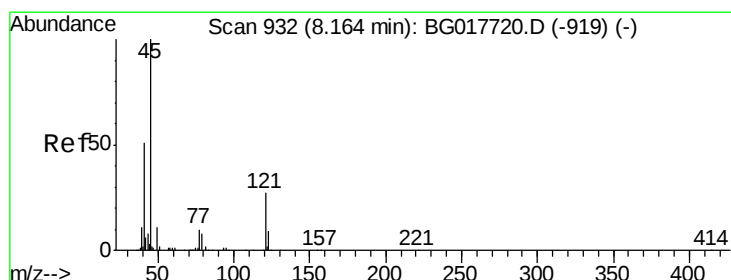
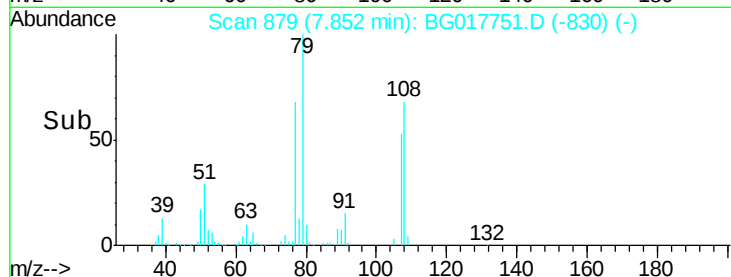
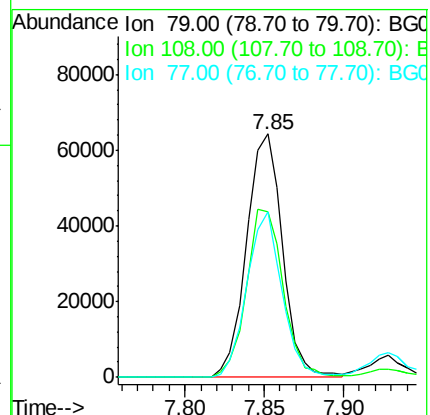
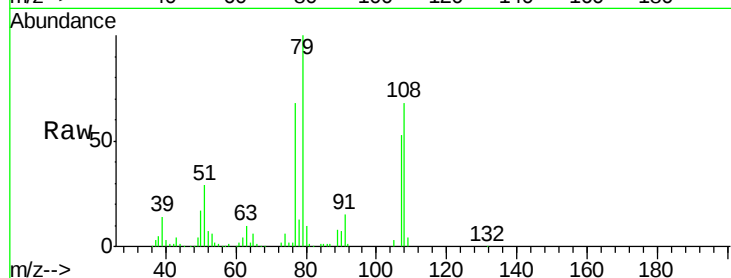
Tgt Ion: 79 Resp: 101104

Ion Ratio Lower Upper

79 100

108 68.1 58.4 87.6

77 68.1 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.84 ng

RT: 8.15 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

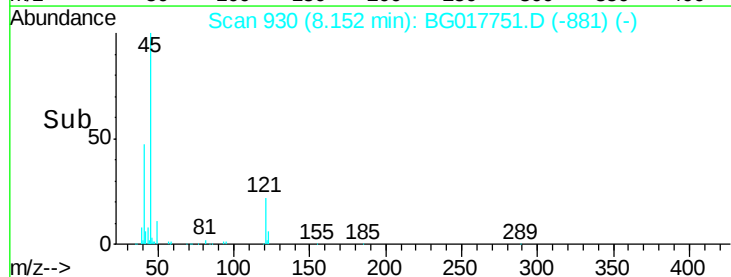
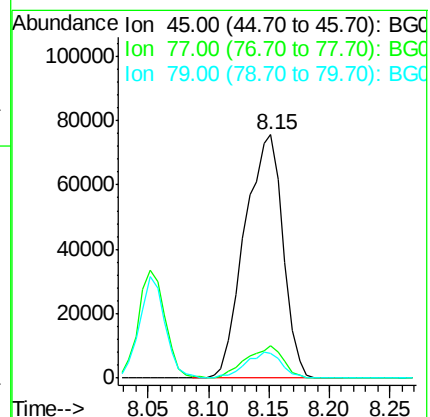
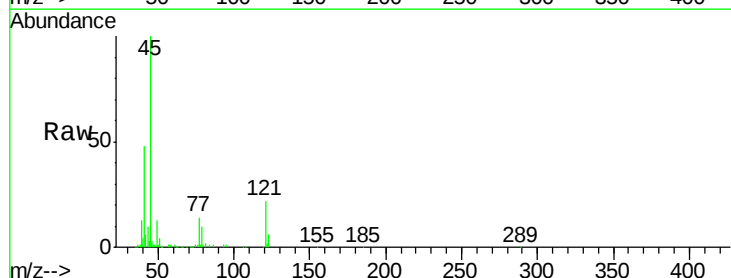
Tgt Ion: 45 Resp: 165917

Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.9

79 10.3 0.0 31.4

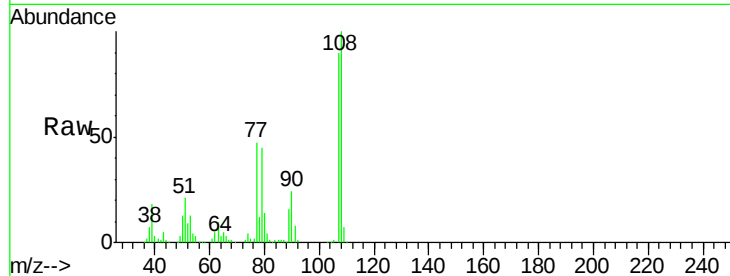




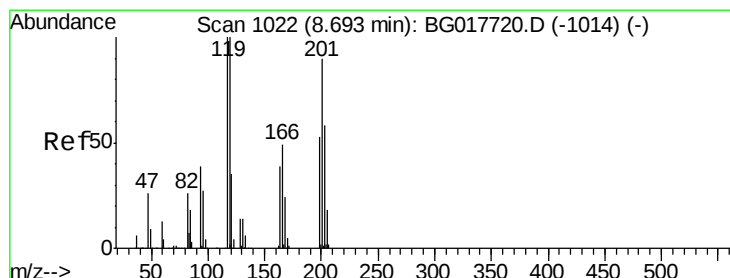
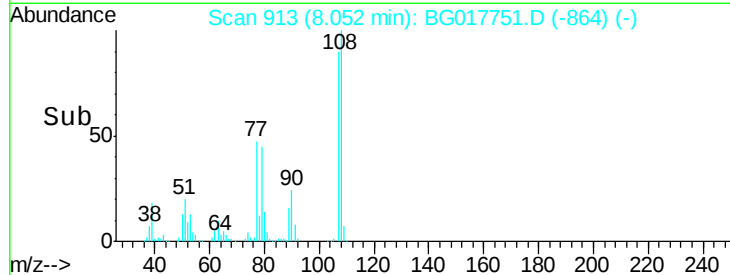
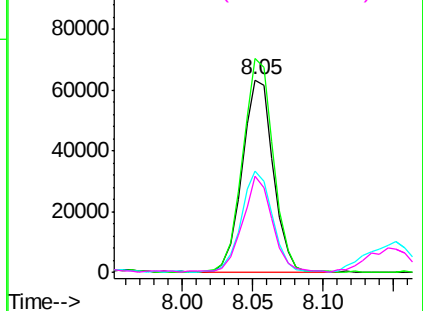
#17
 2-Methylphenol
 Concen: 23.58 ng
 RT: 8.05 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:	107	Resp:	97379
Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.3	133.9
77	52.6	36.9	55.3
79	49.6	37.6	56.4

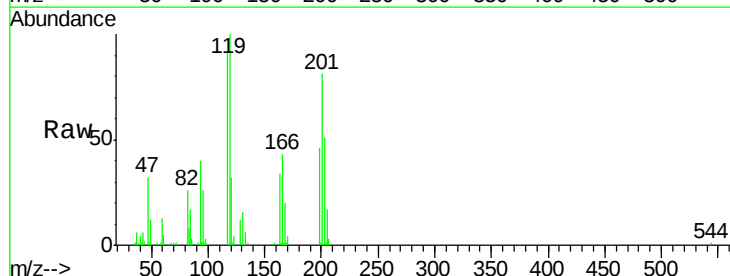


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

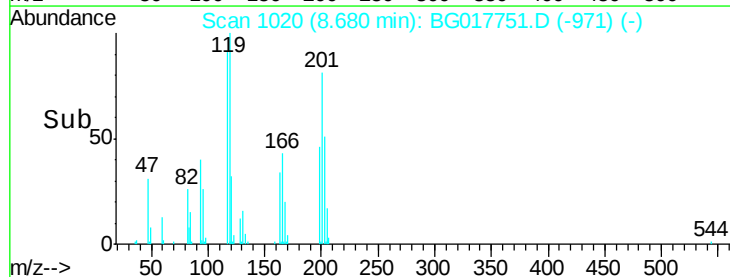
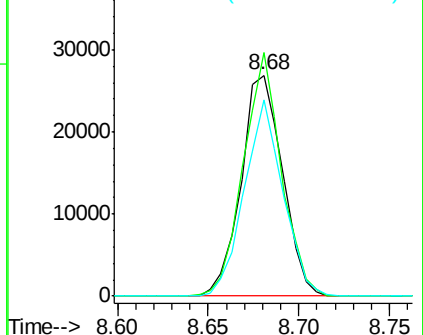


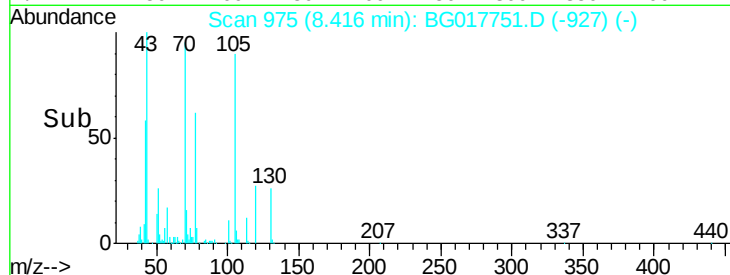
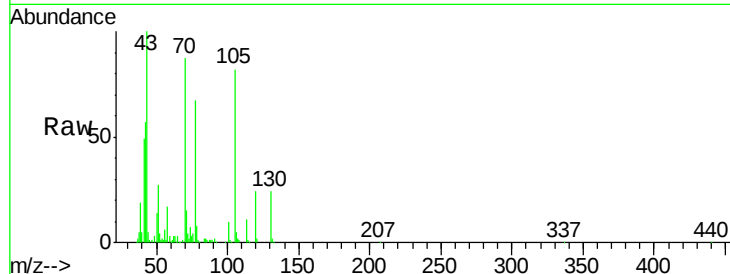
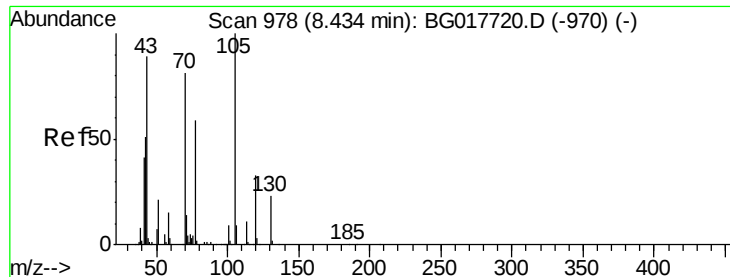
#18
 Hexachloroethane
 Concen: 21.40 ng
 RT: 8.68 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion:	117	Resp:	42720
Ion	Ratio	Lower	Upper
117	100		
119	110.2	80.1	120.1
201	88.9	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

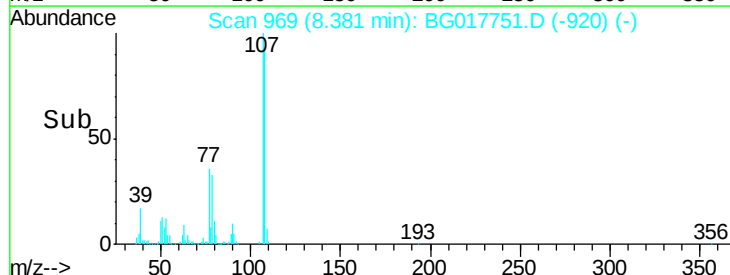
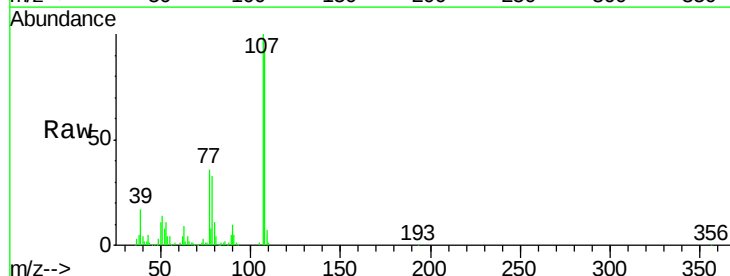
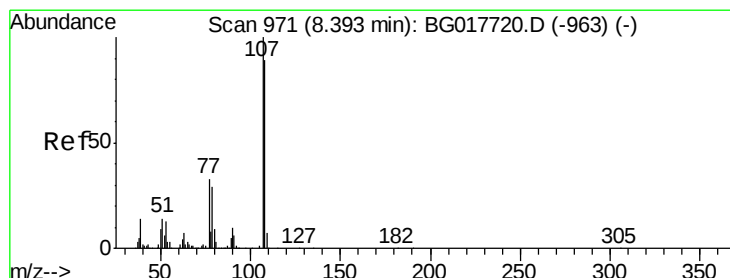
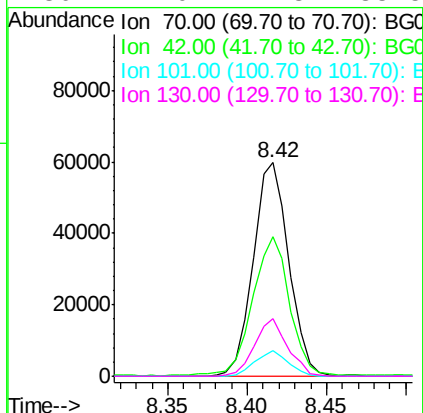




#19
n-Nitroso-di-n-propylamine
Concen: 21.72 ng
RT: 8.42 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

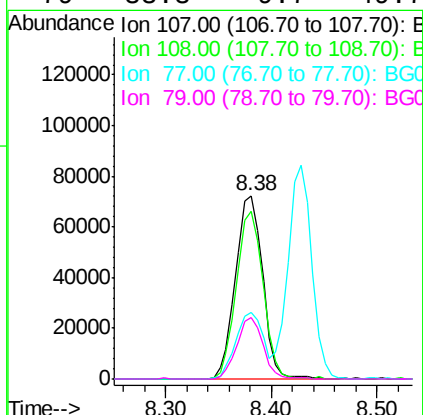
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

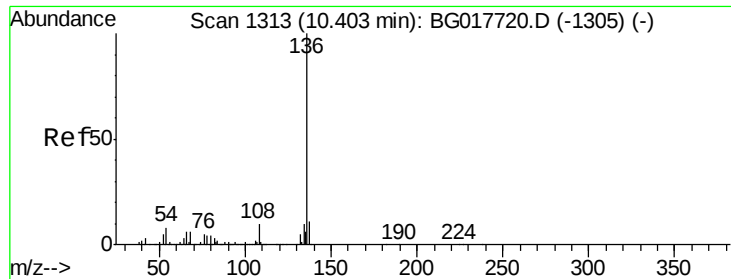
Tgt Ion: 70 Resp: 93015
Ion Ratio Lower Upper
70 100
42 65.4 50.8 76.2
101 12.0 8.7 13.1
130 27.0 22.3 33.5



#20
3+4-Methylphenols
Concen: 23.12 ng
RT: 8.38 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion: 107 Resp: 128832
Ion Ratio Lower Upper
107 100
108 91.8 69.6 109.6
77 36.5 13.0 53.0
79 33.3 9.7 49.7

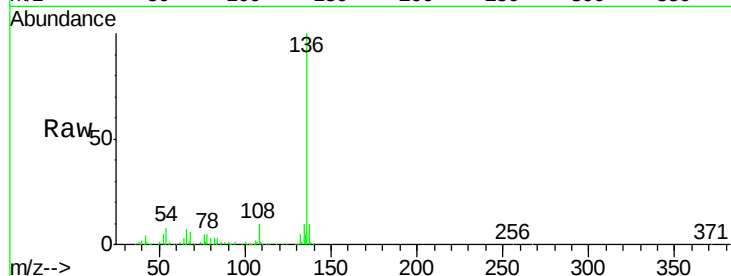




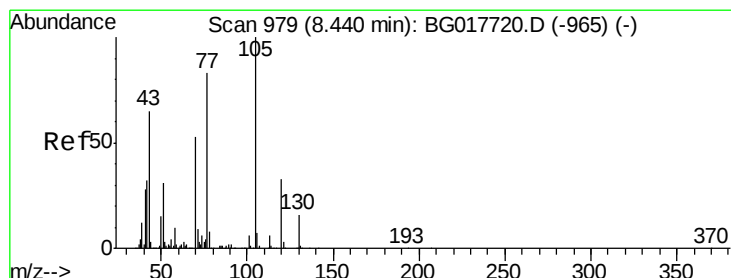
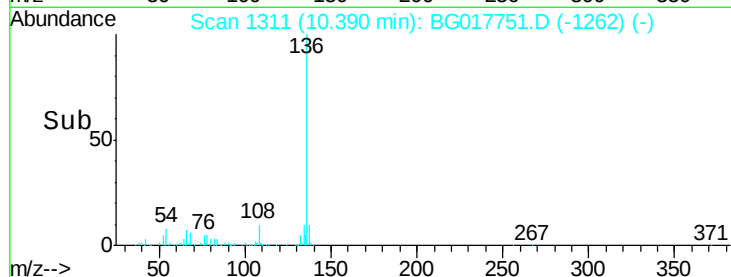
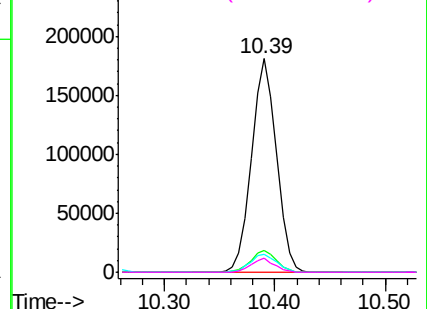
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:	136	Resp:	287020
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.8	13.2
54	8.2	6.6	9.8
68	6.4	5.1	7.7

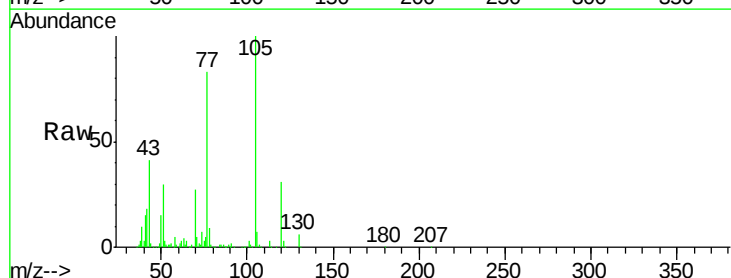


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

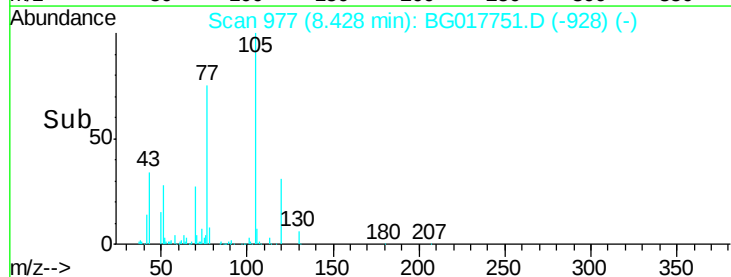
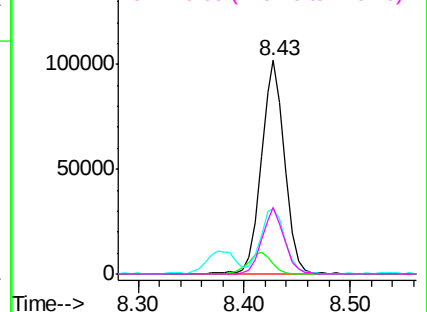


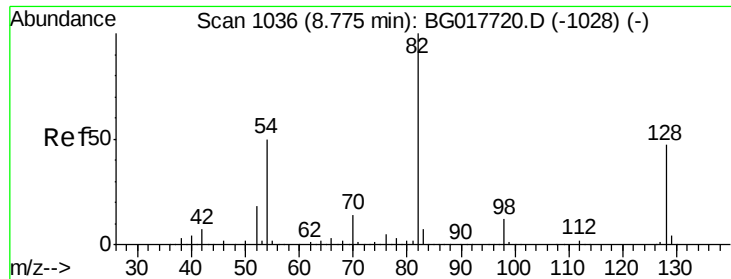
#22
Acetophenone
Concen: 24.00 ng
RT: 8.43 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:	105	Resp:	156217
Ion	Ratio	Lower	Upper
105	100		
71	4.6	7.7	11.5#
51	30.4	24.9	37.3
120	31.0	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

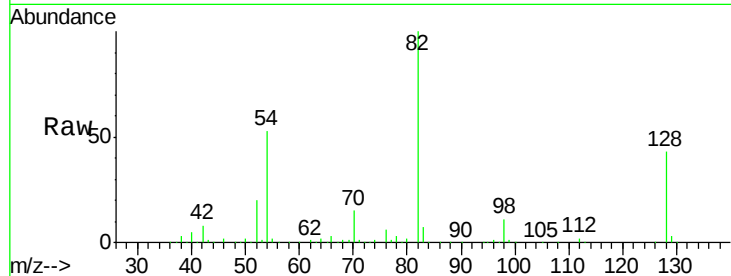




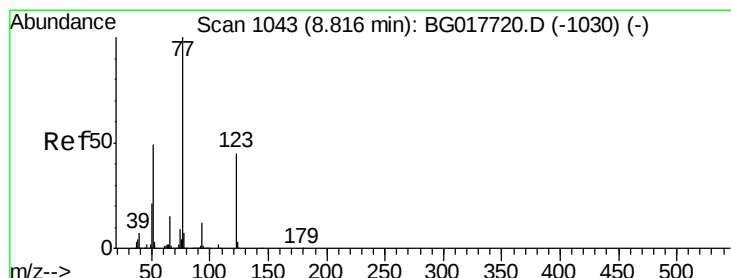
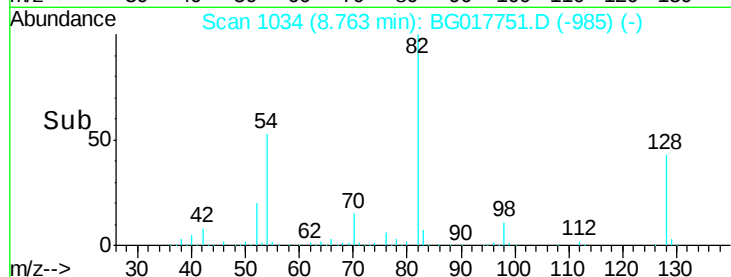
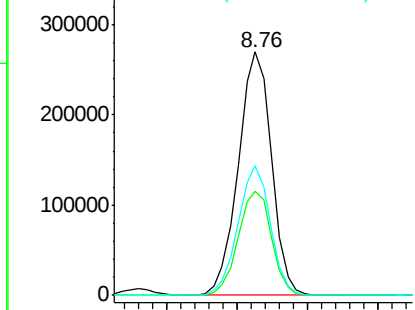
#23
 Nitrobenzene-d5
 Concen: 89.04 ng
 RT: 8.76 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion: 82 Resp: 444291
 Ion Ratio Lower Upper
 82 100
 128 42.9 37.8 56.6
 54 53.3 39.9 59.9

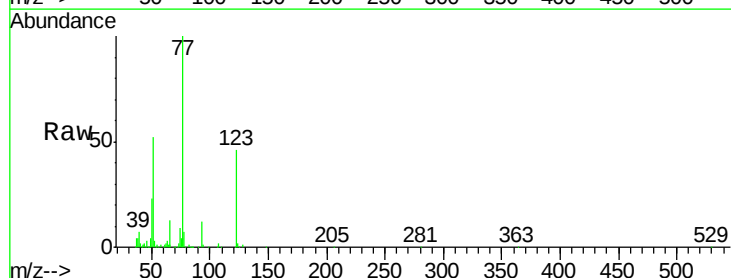


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

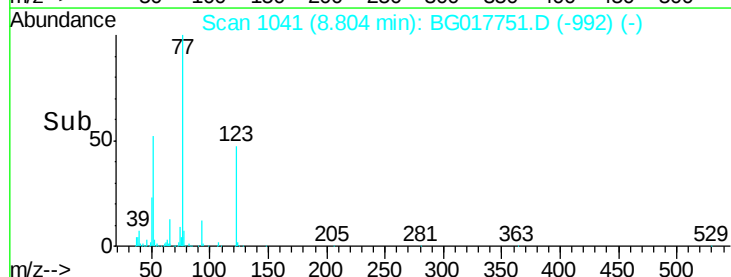
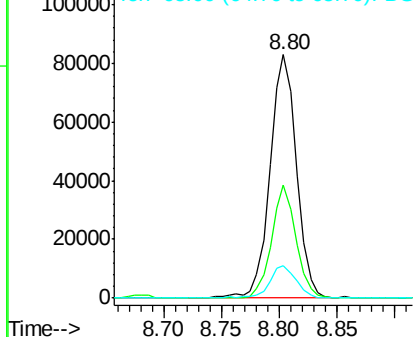


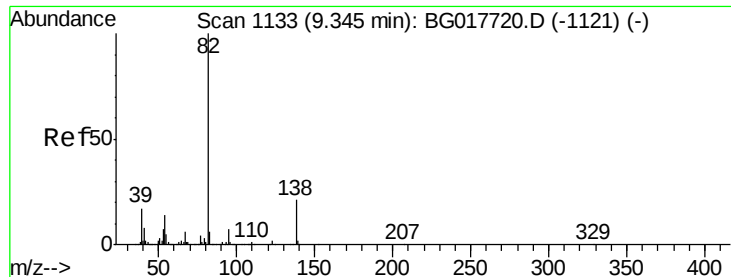
#24
 Nitrobenzene
 Concen: 24.65 ng
 RT: 8.80 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion: 77 Resp: 132180
 Ion Ratio Lower Upper
 77 100
 123 46.5 36.2 54.2
 65 13.2 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

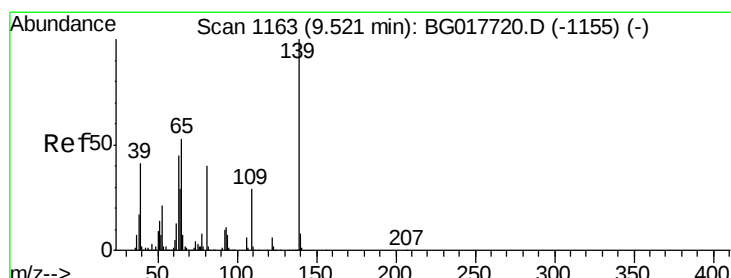
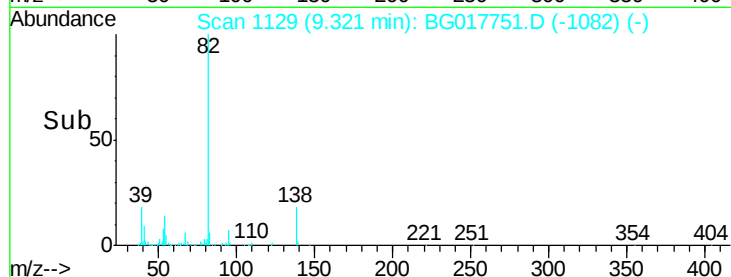
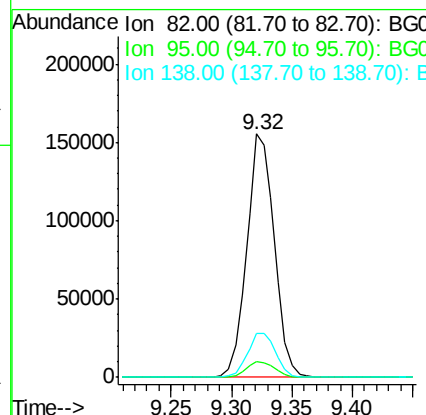
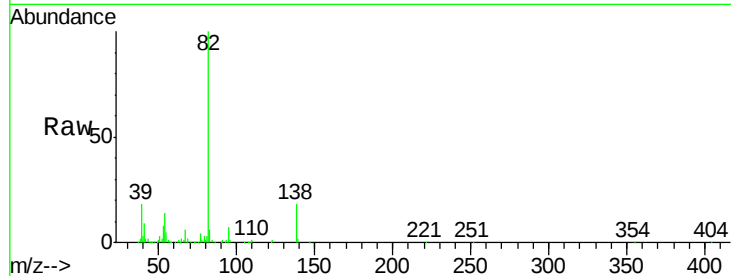




#25
Isophorone
Concen: 22.21 ng
RT: 9.32 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

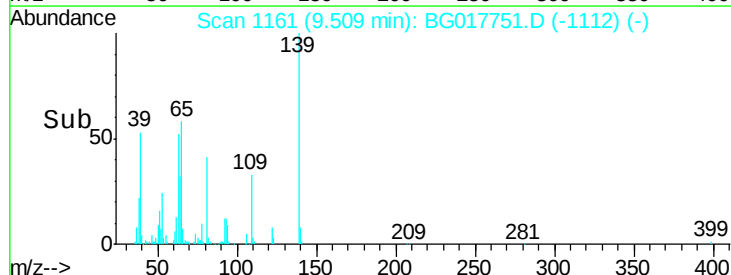
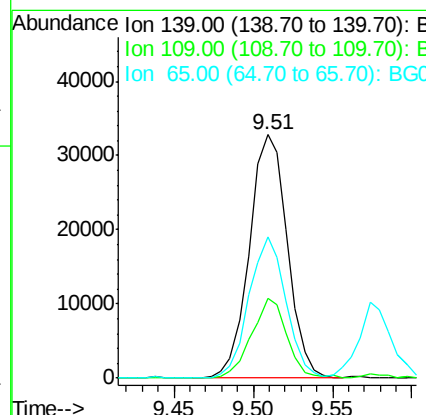
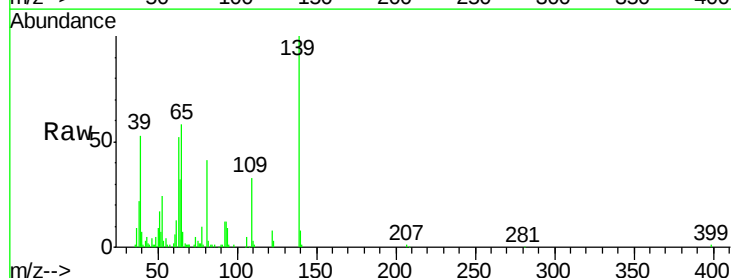
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

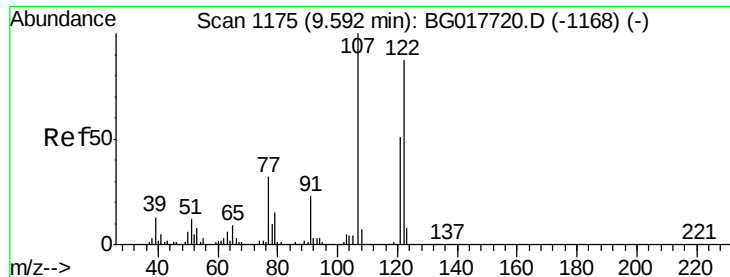
Tgt Ion: 82 Resp: 246778
Ion Ratio Lower Upper
82 100
95 6.6 5.8 8.8
138 17.8 17.0 25.6



#26
2-Nitrophenol
Concen: 22.29 ng
RT: 9.51 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion: 139 Resp: 54531
Ion Ratio Lower Upper
139 100
109 32.7 23.0 34.4
65 58.0 42.0 63.0

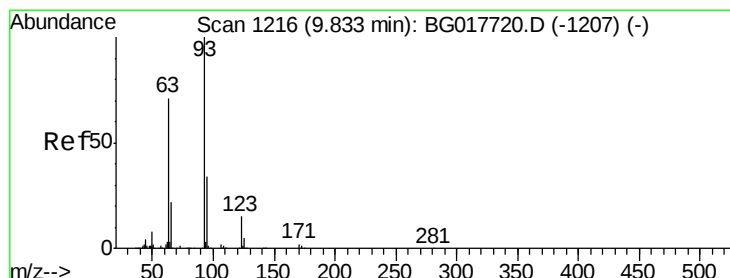
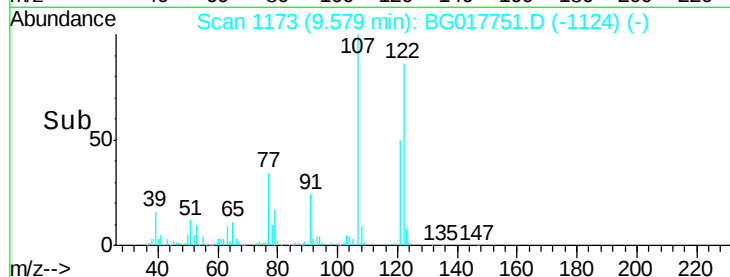
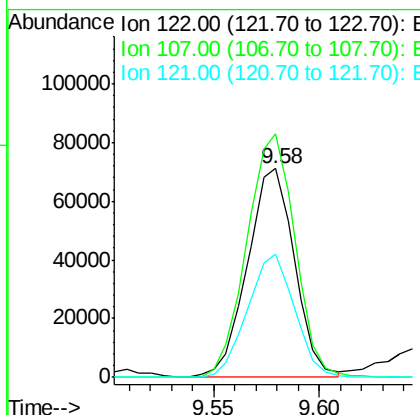
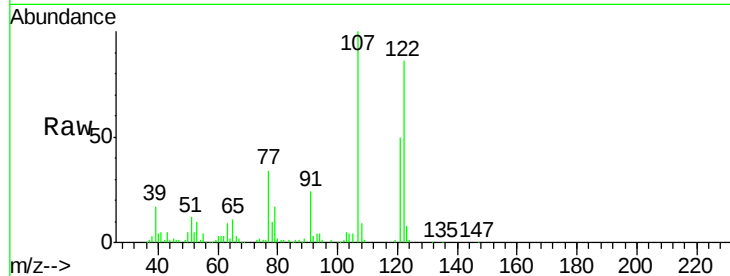




#27
 2,4-Dimethylphenol
 Concen: 23.80 ng
 RT: 9.58 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

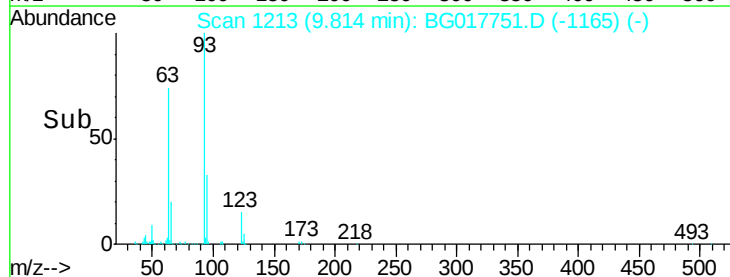
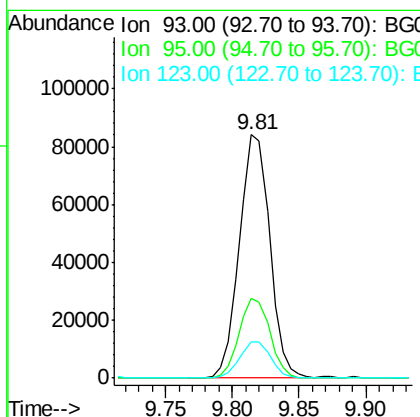
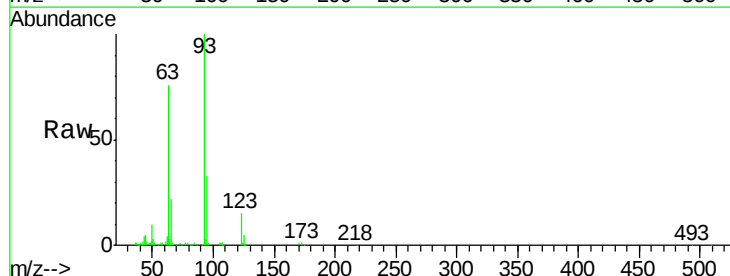
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

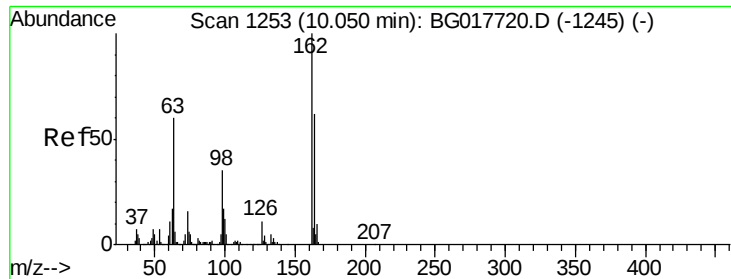
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.8	92.2	138.2
121	58.9	46.5	69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.70 ng
 RT: 9.81 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.9	40.3
123	14.9	12.0	18.0

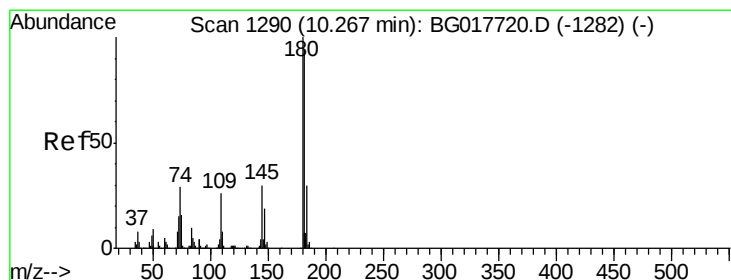
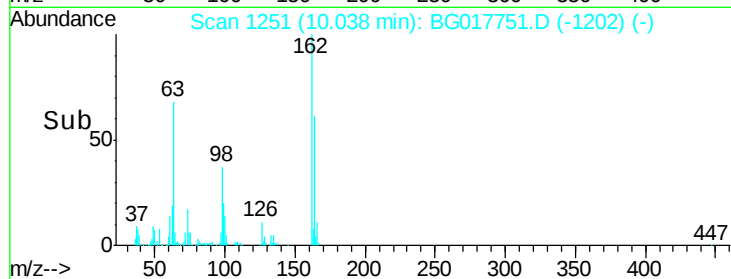
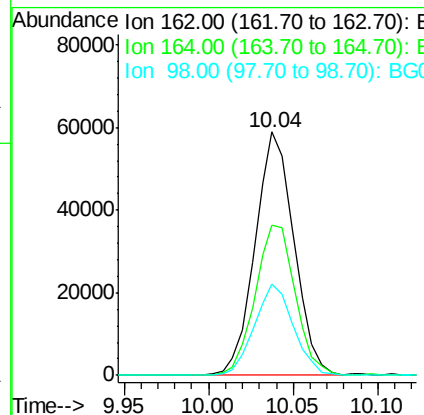
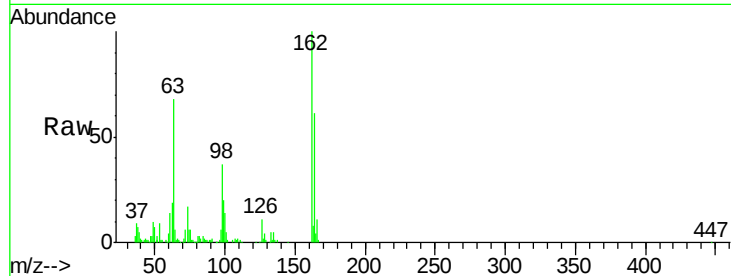




#29
 2,4-Dichlorophenol
 Concen: 23.10 ng
 RT: 10.04 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

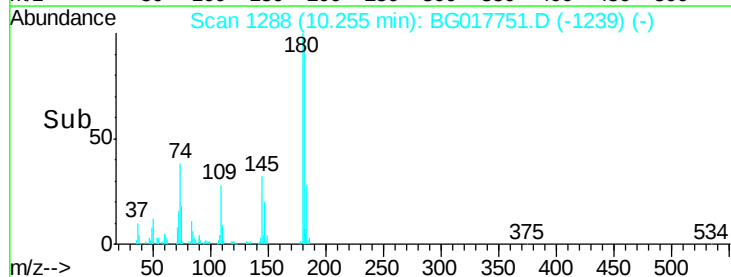
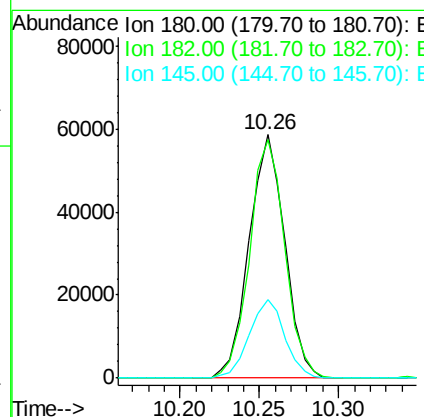
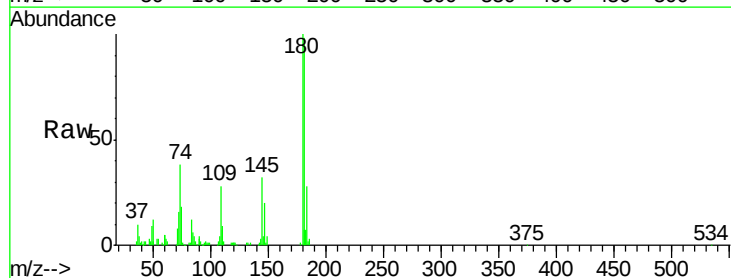
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

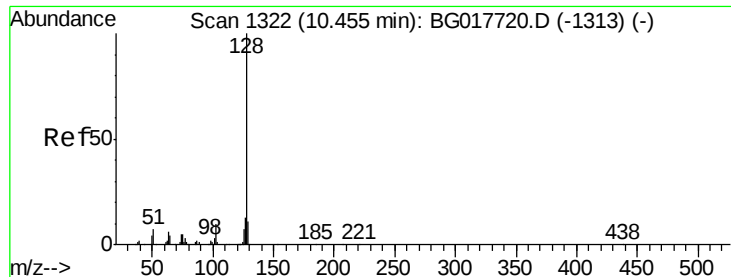
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.4	42.5	82.5
98	37.3	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 19.98 ng
 RT: 10.26 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.2	112.8
145	32.4	24.1	36.1

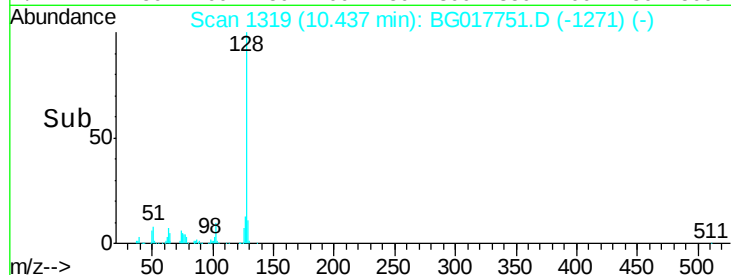
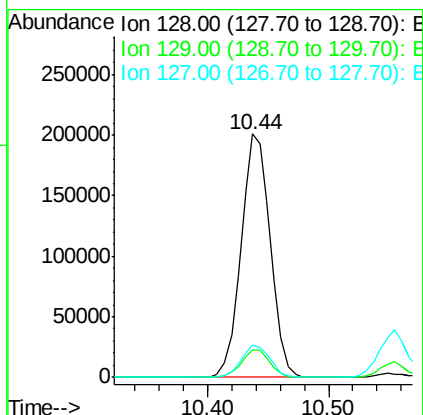
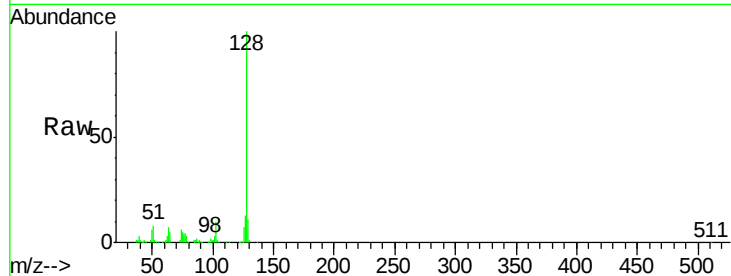




#31
Naphthalene
Concen: 21.68 ng
RT: 10.44 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

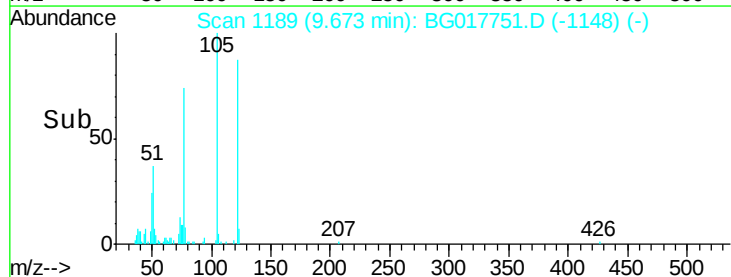
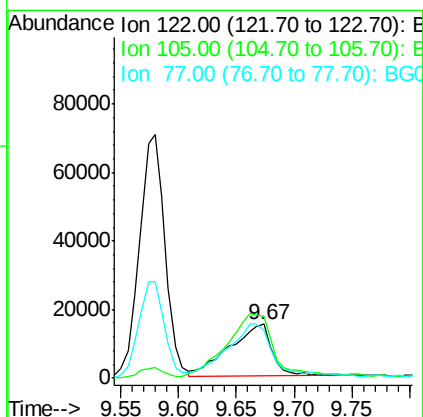
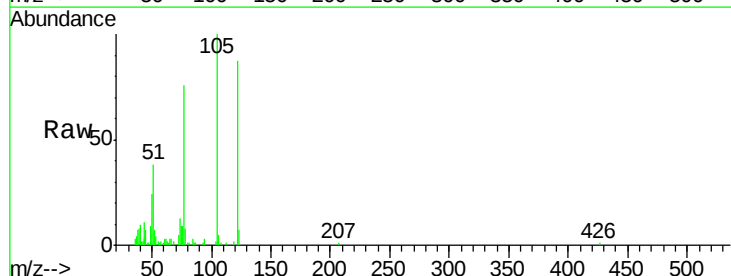
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

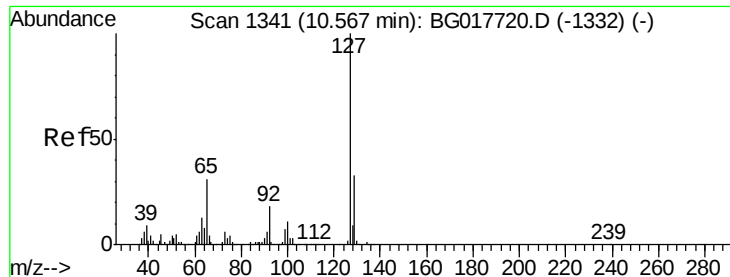
Tgt Ion:128 Resp: 336354
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 20.86 ng
RT: 9.67 min Scan# 1189
Delta R.T. -0.06 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:122 Resp: 39735
Ion Ratio Lower Upper
122 100
105 115.5 111.3 151.3
77 87.5 75.2 115.2

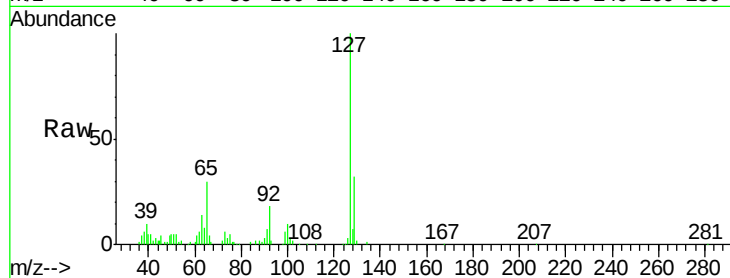




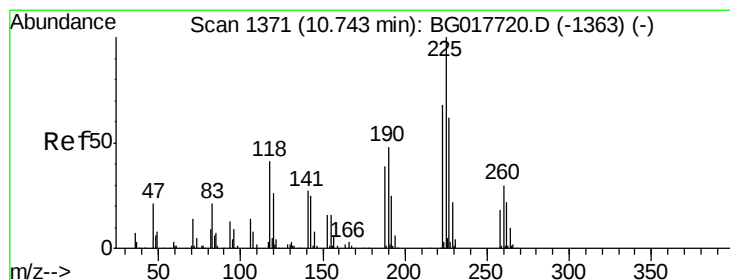
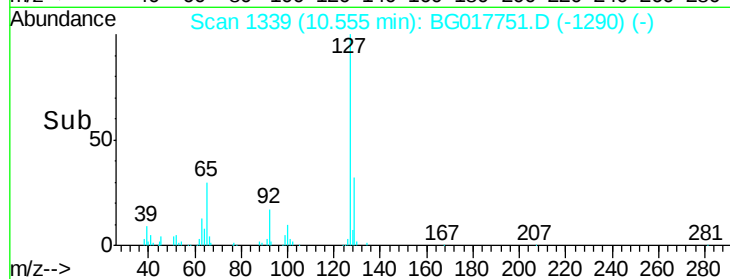
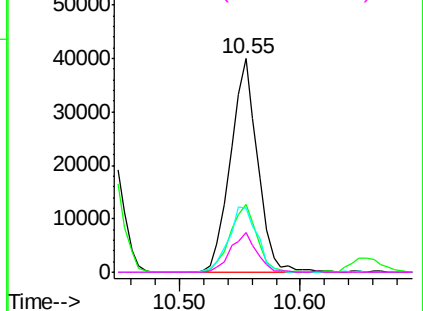
#33
4-Chloroaniline
Concen: 9.18 ng
RT: 10.55 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:	127	Resp:	62305
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.7	40.1
65	29.8	24.6	37.0
92	18.5	14.2	21.4

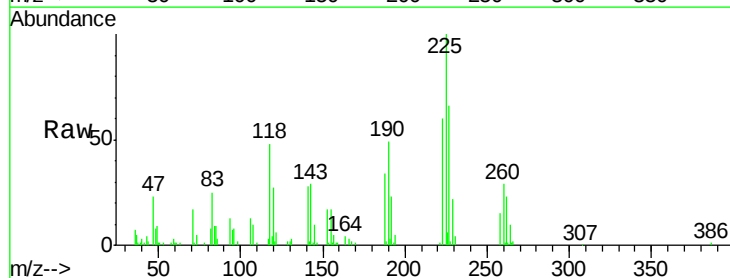


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

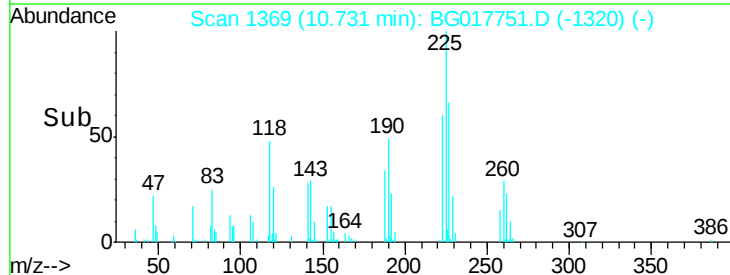
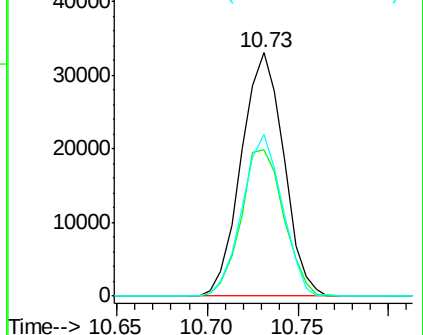


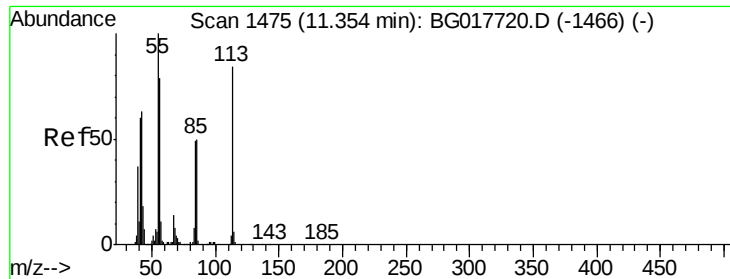
#34
Hexachlorobutadiene
Concen: 20.46 ng
RT: 10.73 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:	225	Resp:	53701
Ion	Ratio	Lower	Upper
225	100		
223	59.9	54.3	81.5
227	68.6	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

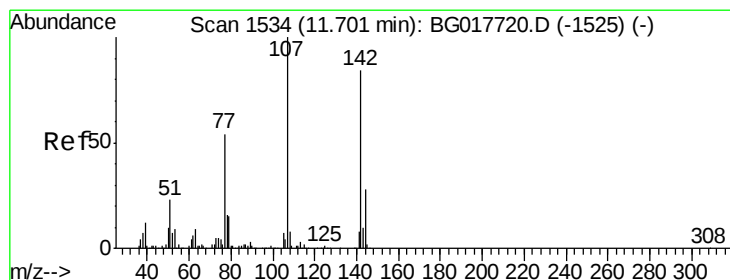
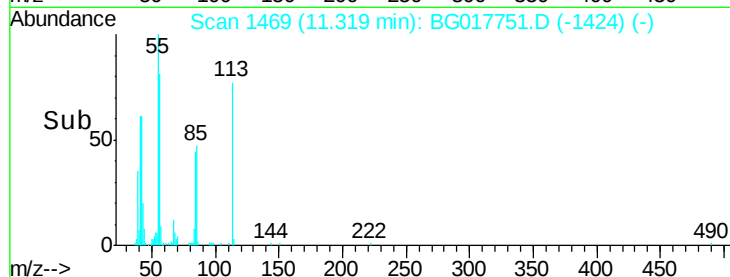
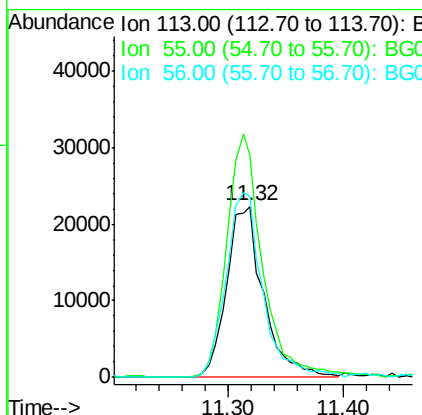
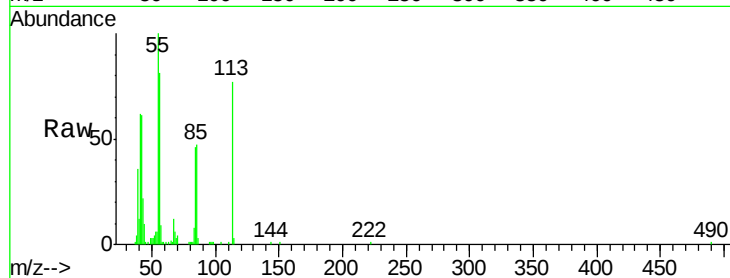




#35
 Caprolactam
 Concen: 21.80 ng
 RT: 11.32 min Scan# 1469
 Delta R.T. -0.04 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

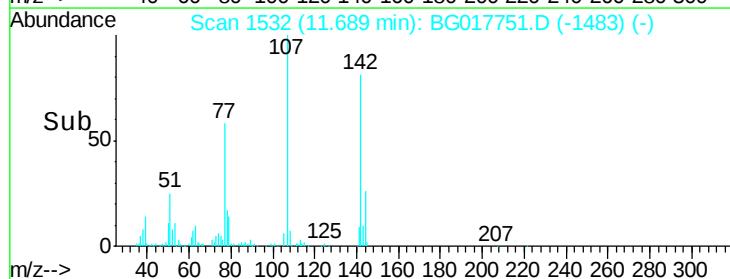
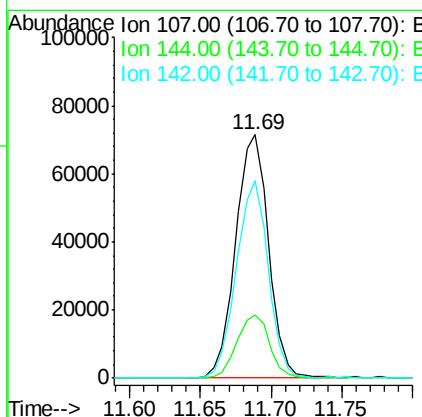
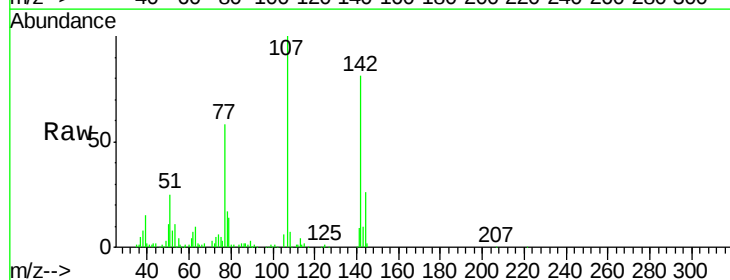
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

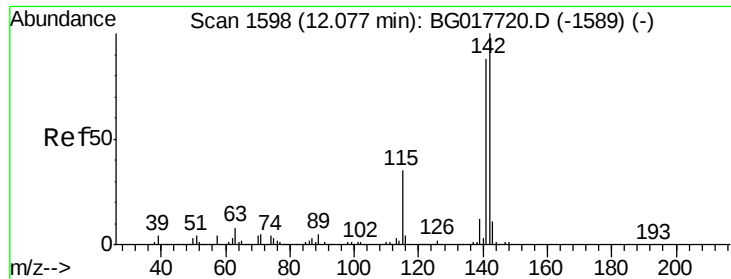
Tgt Ion:113 Resp: 49450
 Ion Ratio Lower Upper
 113 100
 55 129.9 100.8 140.8
 56 105.7 75.5 115.5



#36
 4-Chloro-3-methylphenol
 Concen: 23.04 ng
 RT: 11.69 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion:107 Resp: 116431
 Ion Ratio Lower Upper
 107 100
 144 25.9 22.2 33.4
 142 81.4 67.1 100.7

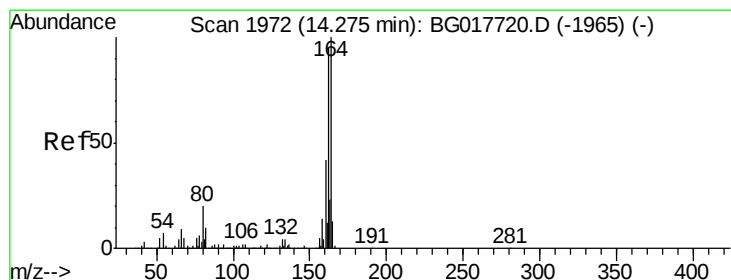
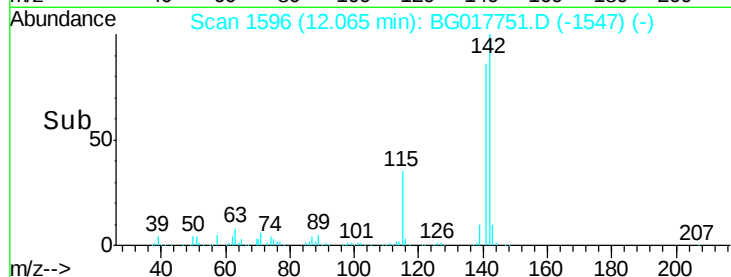
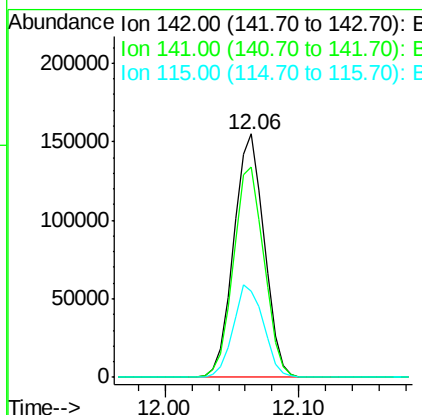
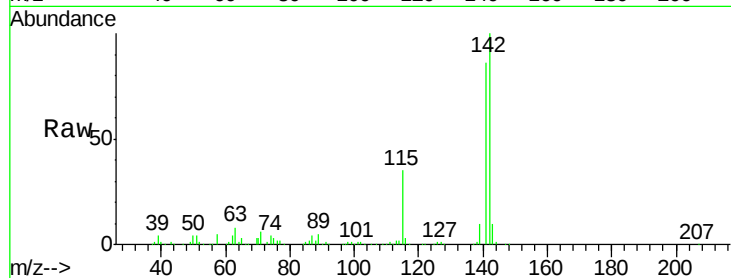




#37
 2-Methylnaphthalene
 Concen: 22.07 ng
 RT: 12.06 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

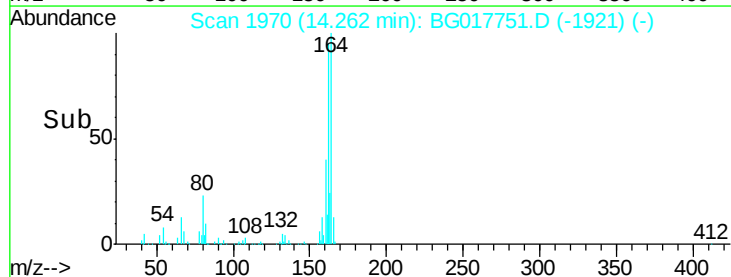
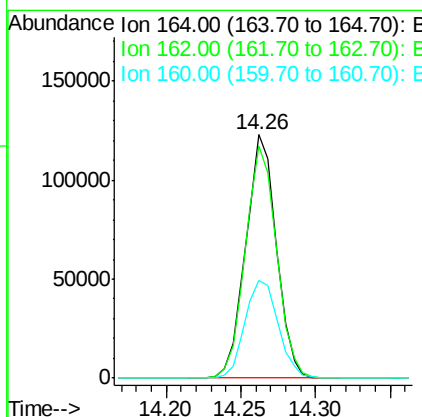
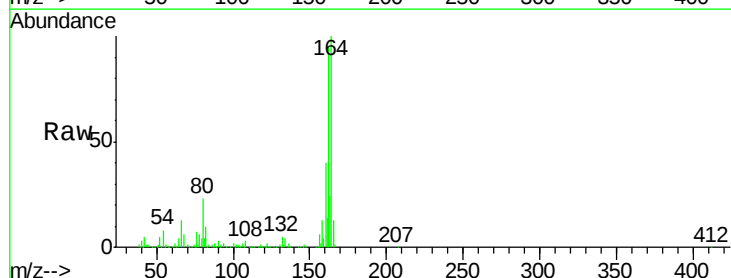
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion:142 Resp: 246320
 Ion Ratio Lower Upper
 142 100
 141 86.5 70.7 106.1
 115 35.5 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: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion:164 Resp: 173603
 Ion Ratio Lower Upper
 164 100
 162 95.2 76.3 114.5
 160 40.2 33.7 50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.73 ng

RT: 12.43 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

Tgt Ion:216 Resp: 101174

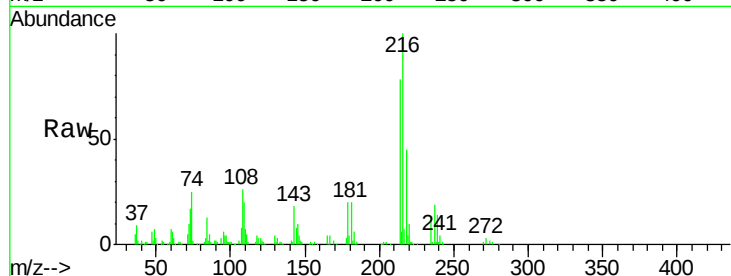
Ion Ratio Lower Upper

216 100

214 79.3 64.5 96.7

179 21.9 16.7 25.1

108 26.9 18.6 27.8

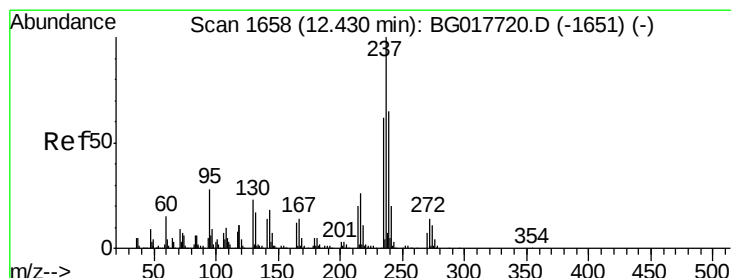
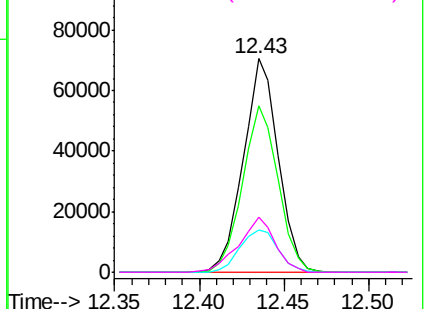
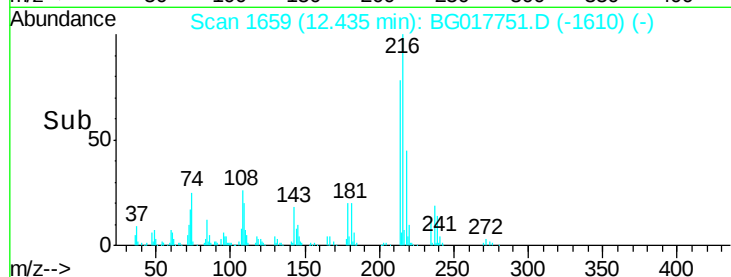


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 20.97 ng

RT: 12.42 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

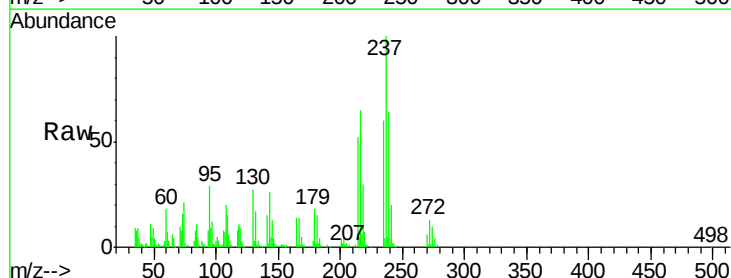
Tgt Ion:237 Resp: 65587

Ion Ratio Lower Upper

237 100

235 60.5 42.2 82.2

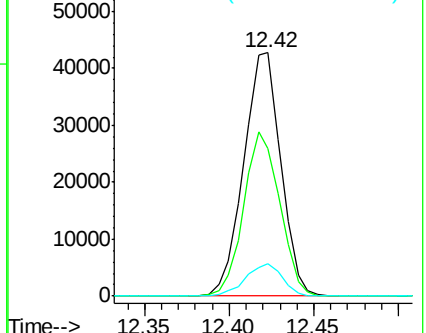
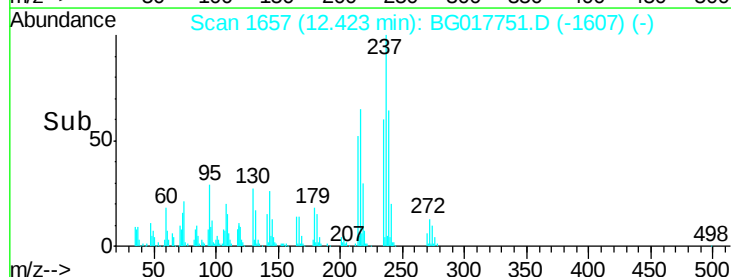
272 13.3 0.0 33.9

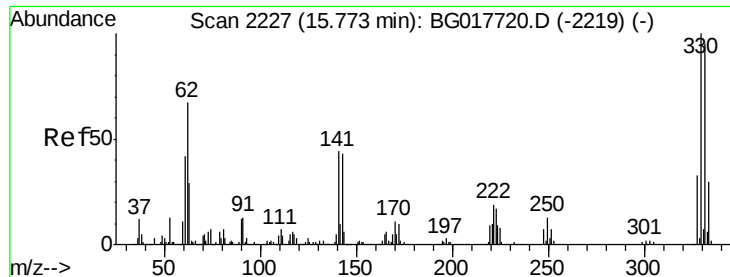


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

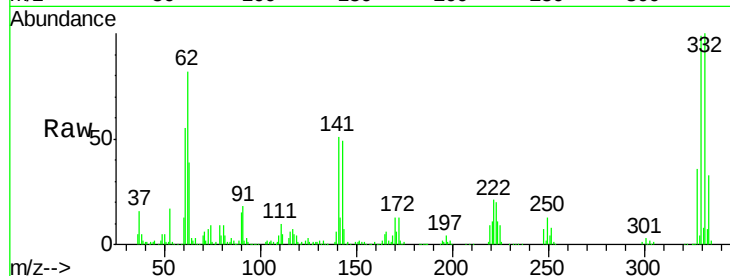




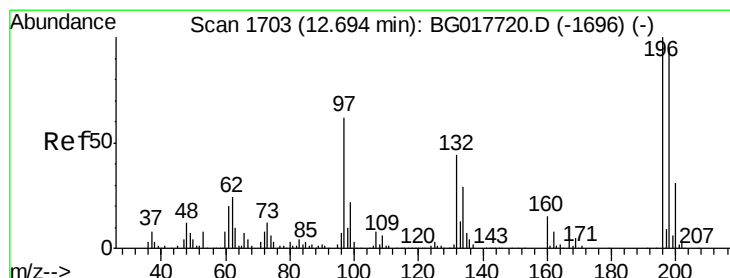
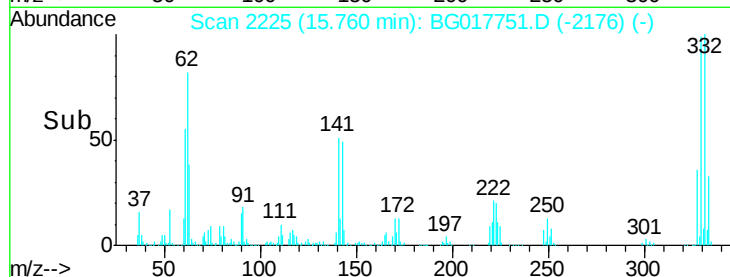
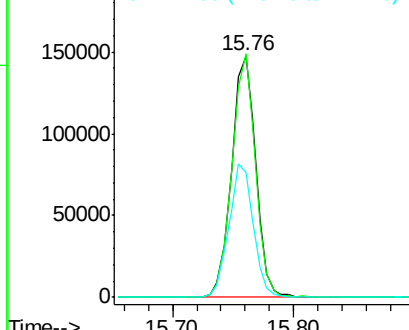
#41
 2,4,6-Tribromophenol
 Concen: 128.44 ng
 RT: 15.76 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	55.7	38.0	57.0

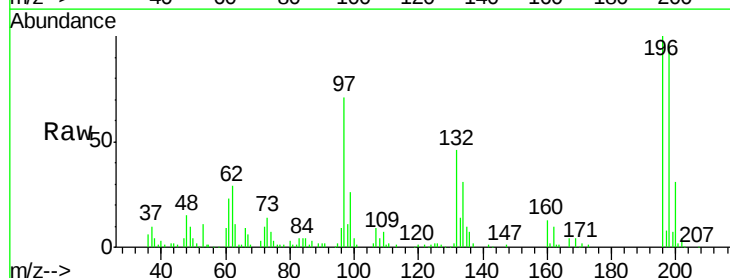


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

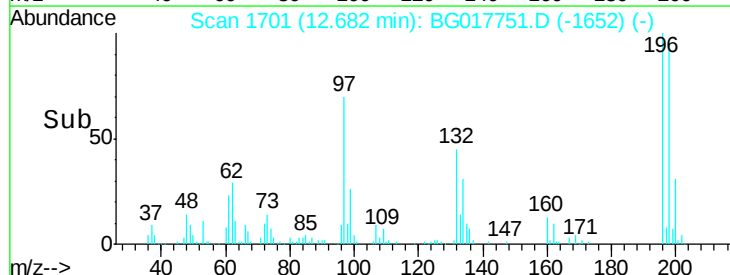
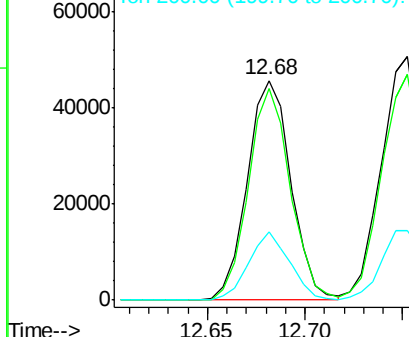


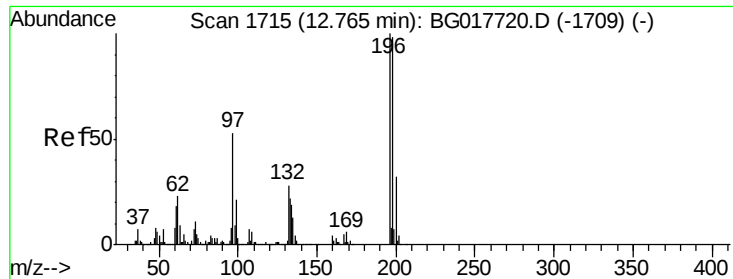
#42
 2,4,6-Trichlorophenol
 Concen: 22.37 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.2	114.4
200	31.0	24.6	36.8



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

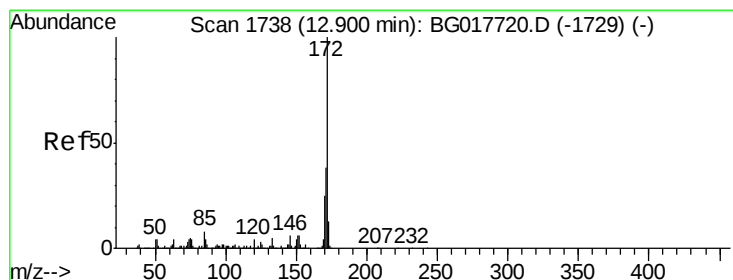
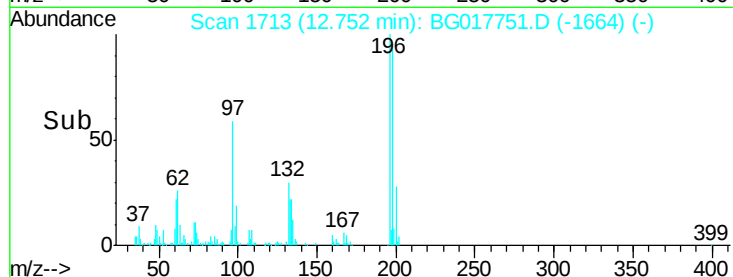
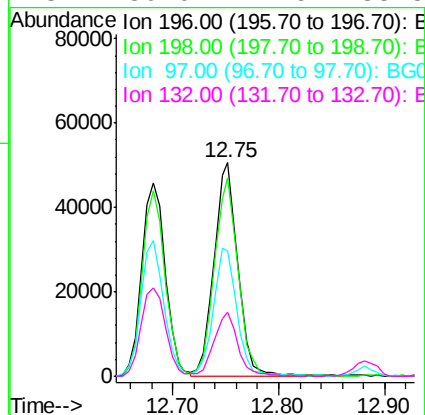
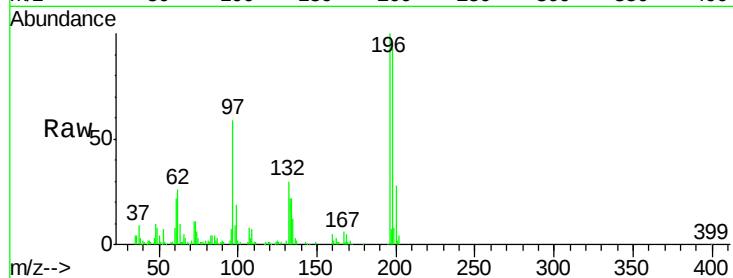




#43
 2,4,5-Trichlorophenol
 Concen: 23.38 ng
 RT: 12.75 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

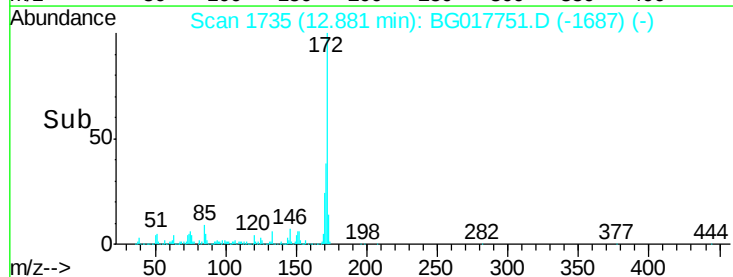
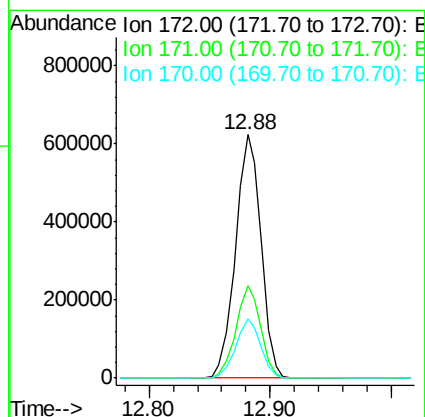
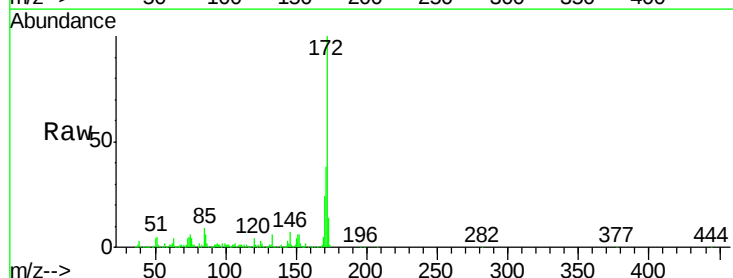
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

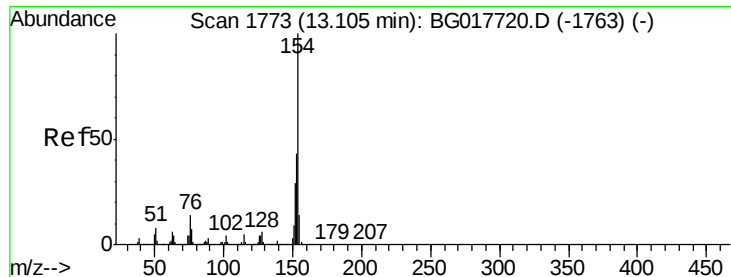
Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	78.1	117.1
97	58.9	42.6	64.0
132	30.0	22.6	33.8



#44
 2-Fluorobiphenyl
 Concen: 85.33 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.7	46.1
170	24.4	19.7	29.5

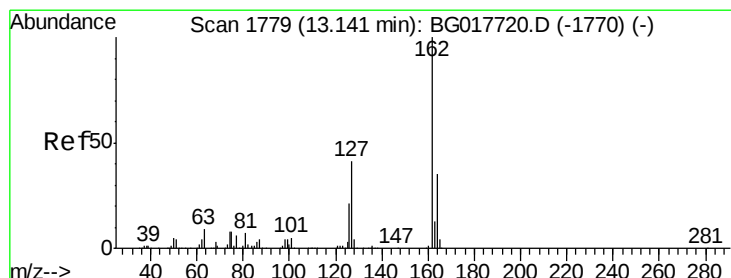
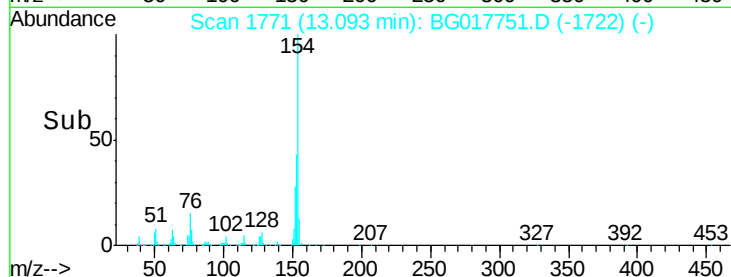
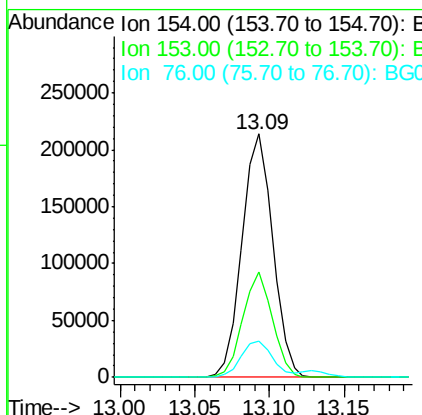
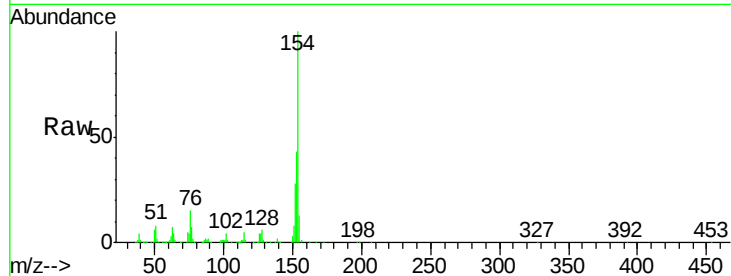




#45
 1,1'-Biphenyl
 Concen: 23.89 ng
 RT: 13.09 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

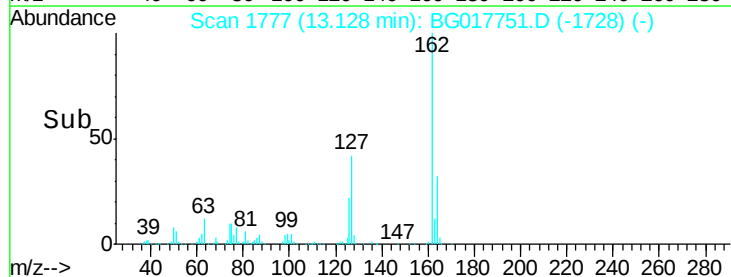
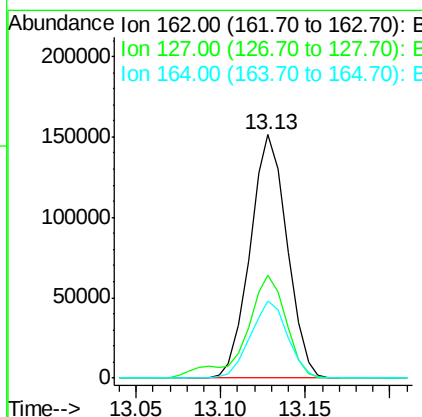
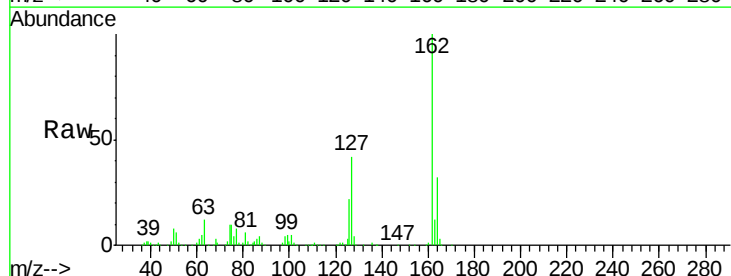
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

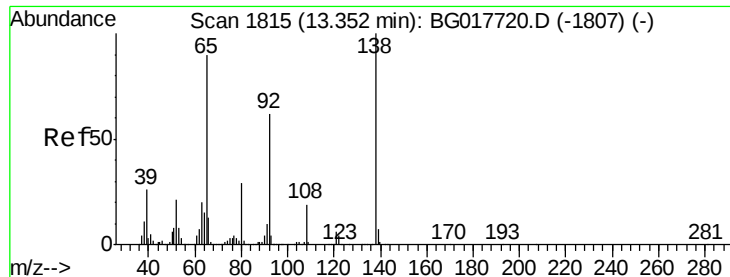
Tgt Ion:154 Resp: 306422
 Ion Ratio Lower Upper
 154 100
 153 43.4 23.5 63.5
 76 15.0 0.0 33.7



#46
 2-Chloronaphthalene
 Concen: 22.22 ng
 RT: 13.13 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion:162 Resp: 229461
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.2 49.8
 164 32.0 27.7 41.5

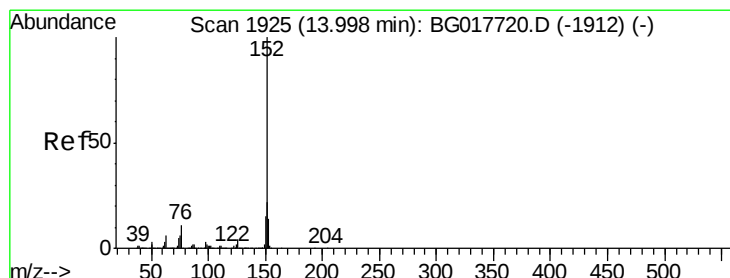
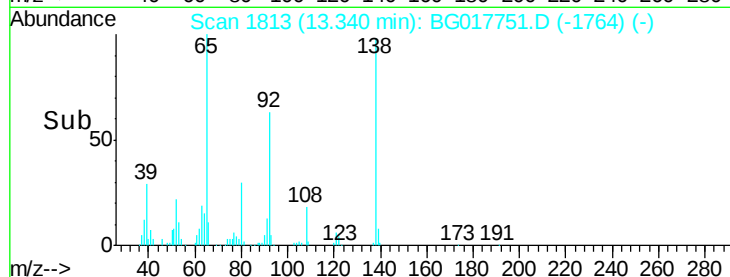
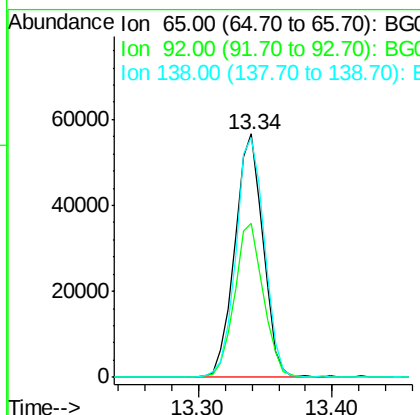
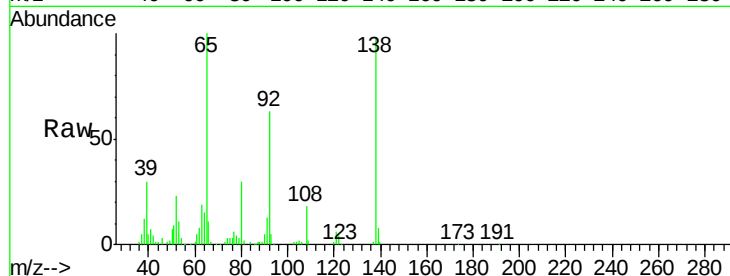




#47
2-Nitroaniline
Concen: 27.09 ng
RT: 13.34 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

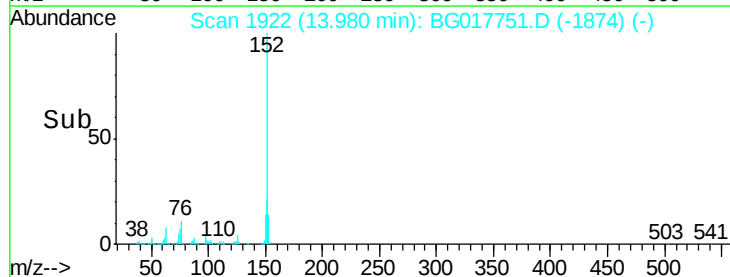
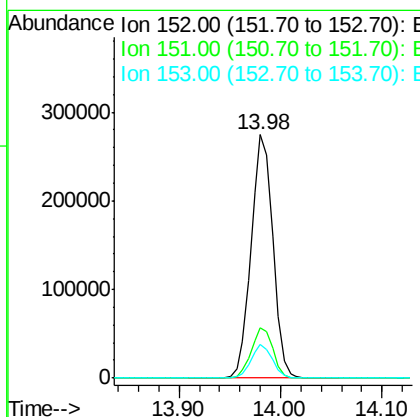
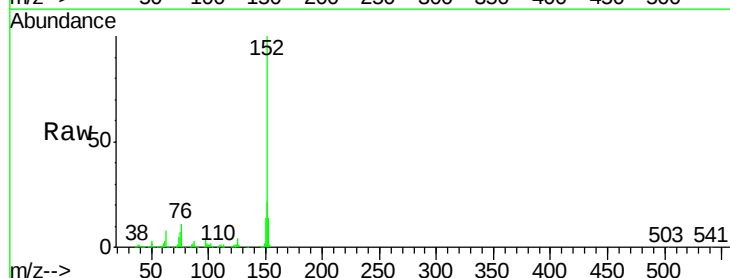
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 65 Resp: 83609
Ion Ratio Lower Upper
65 100
92 63.3 55.4 83.2
138 98.5 89.1 133.7



#48
Acenaphthylene
Concen: 22.17 ng
RT: 13.98 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion: 152 Resp: 408990
Ion Ratio Lower Upper
152 100
151 20.6 17.4 26.2
153 14.0 11.0 16.6





#49

Dimethylphthalate

Concen: 22.19 ng

RT: 13.73 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

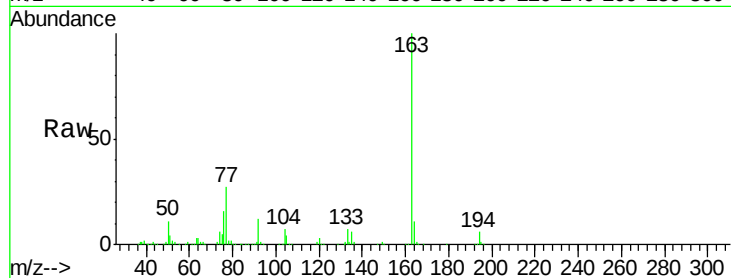
Tgt Ion:163 Resp: 294672

Ion Ratio Lower Upper

163 100

194 6.2 5.8 8.6

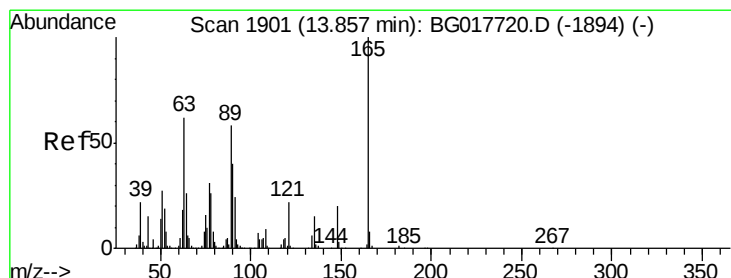
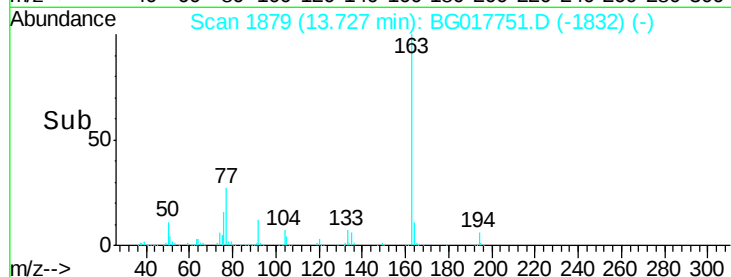
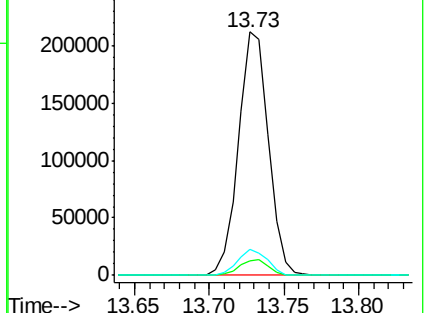
164 10.5 8.3 12.5



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: 24.57 ng

RT: 13.84 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

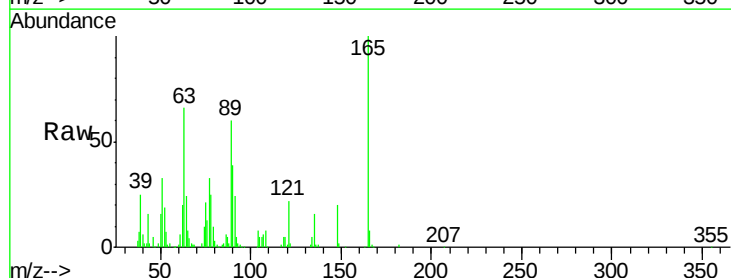
Tgt Ion:165 Resp: 67268

Ion Ratio Lower Upper

165 100

63 65.8 50.2 75.2

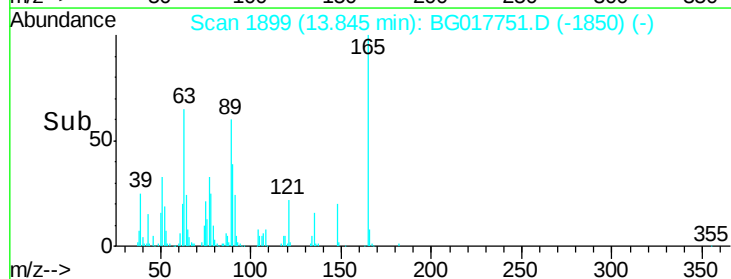
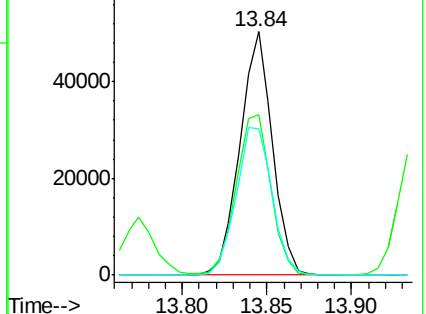
89 59.9 46.6 69.8

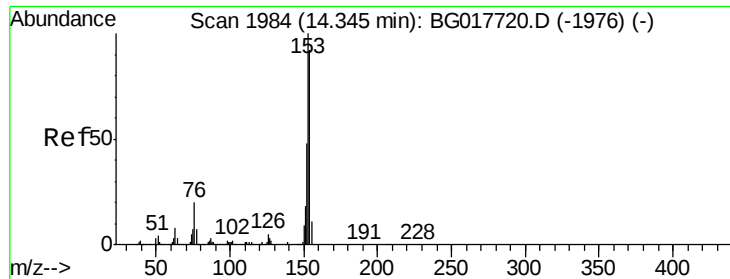


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 22.08 ng

RT: 14.33 min Scan# 1981

Delta R.T. -0.02 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

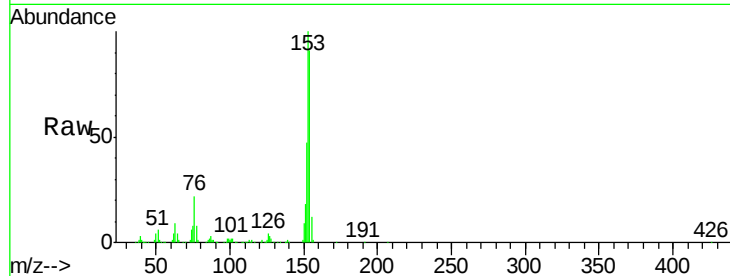
Tgt Ion:154 Resp: 245799

Ion Ratio Lower Upper

154 100

153 109.9 87.0 130.4

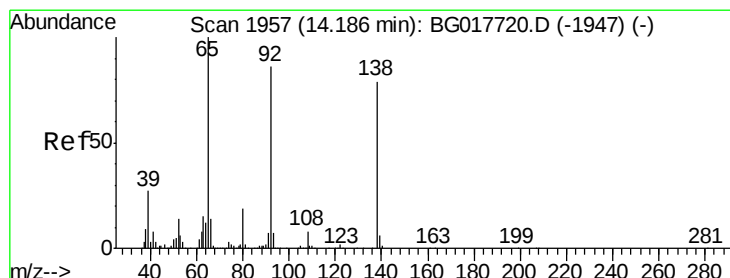
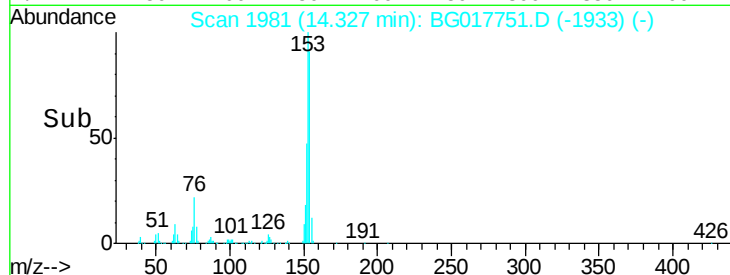
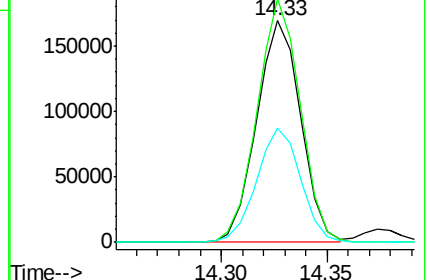
152 51.8 41.4 62.0



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: 13.70 ng

RT: 14.17 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

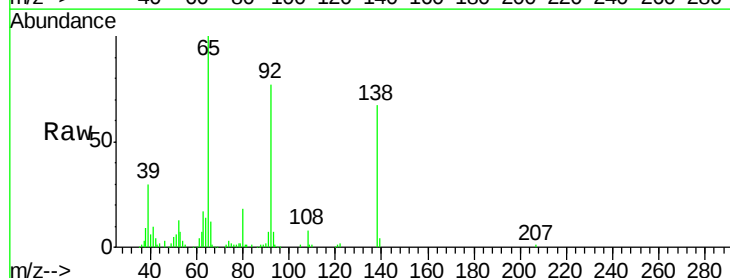
Tgt Ion:138 Resp: 43833

Ion Ratio Lower Upper

138 100

108 12.2 8.2 12.4

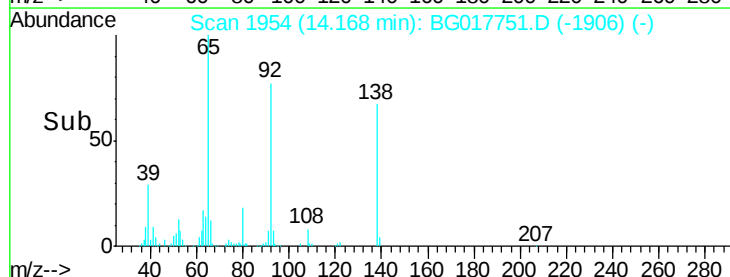
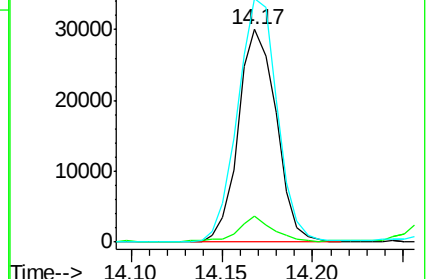
92 114.5 87.4 131.0

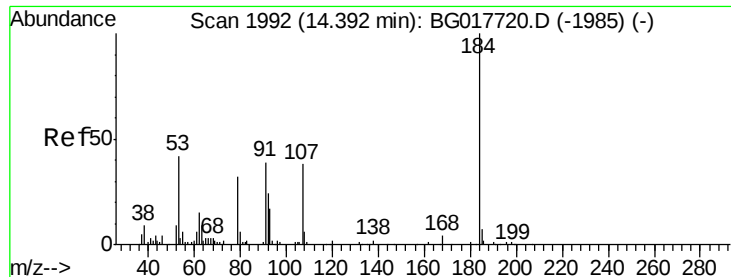


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

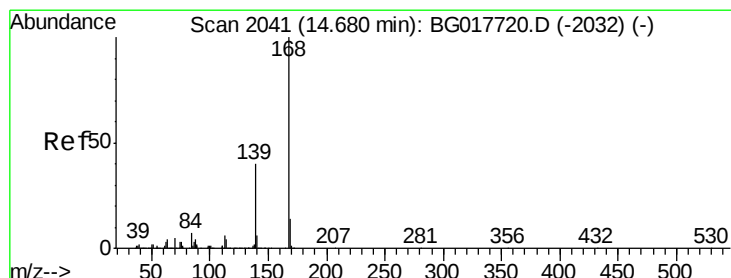
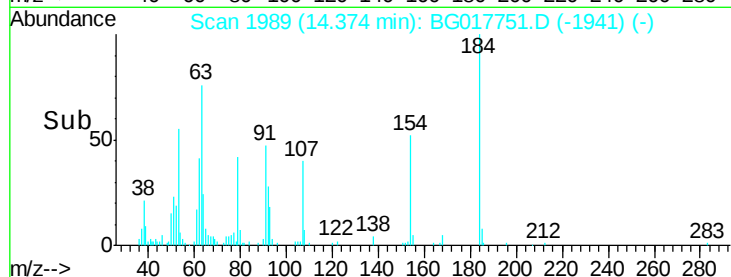
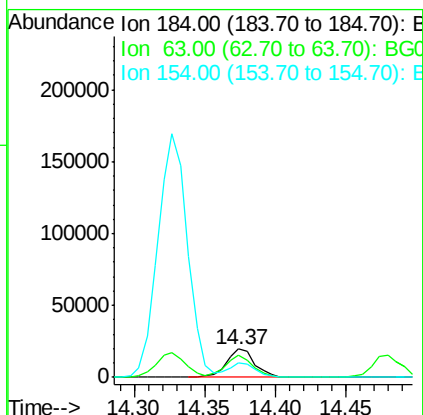
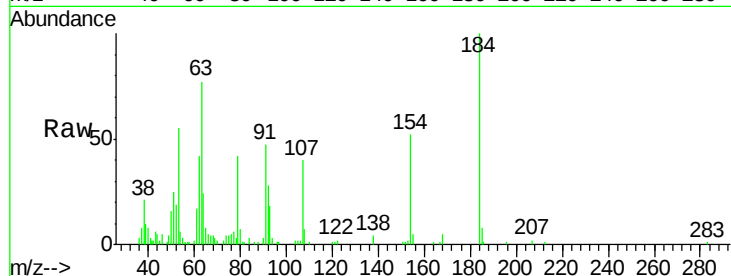




#53
2,4-Dinitrophenol
Concen: 26.04 ng
RT: 14.37 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

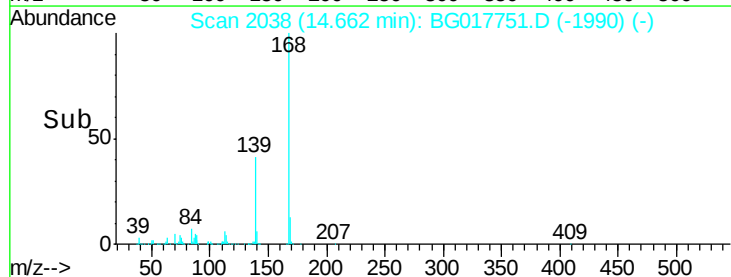
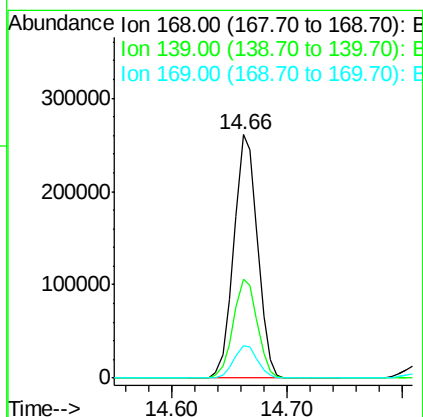
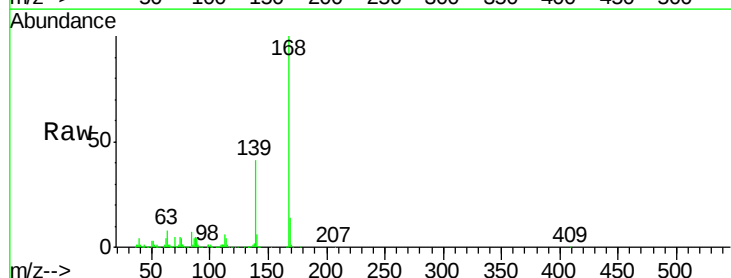
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

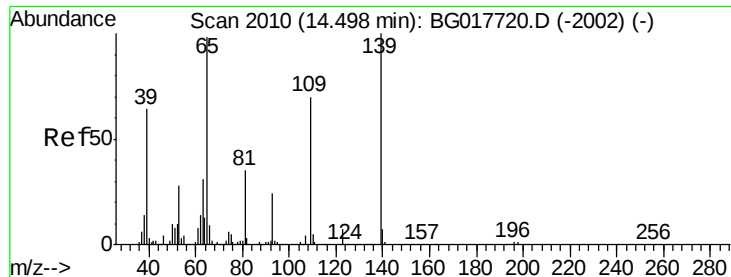
Tgt Ion:184 Resp: 27425
Ion Ratio Lower Upper
184 100
63 76.8 47.8 71.6#
154 51.8 39.3 58.9



#54
Dibenzofuran
Concen: 23.62 ng
RT: 14.66 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:168 Resp: 370259
Ion Ratio Lower Upper
168 100
139 40.6 32.2 48.2
169 13.5 11.3 16.9

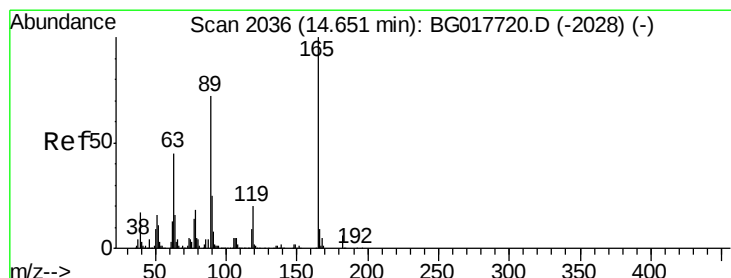
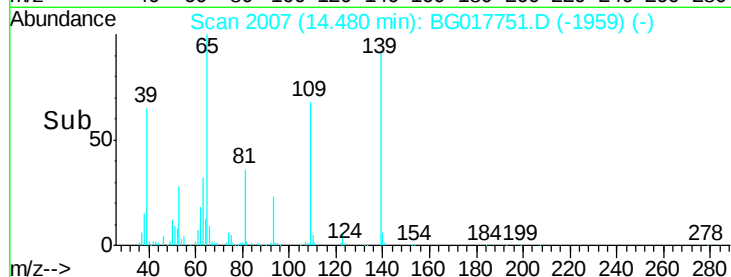
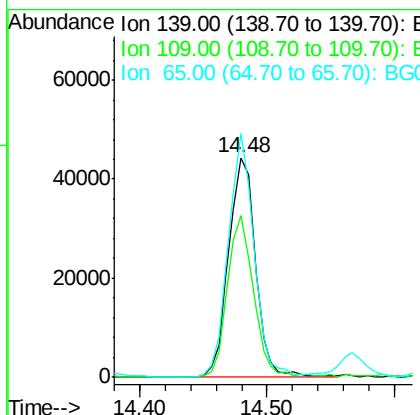
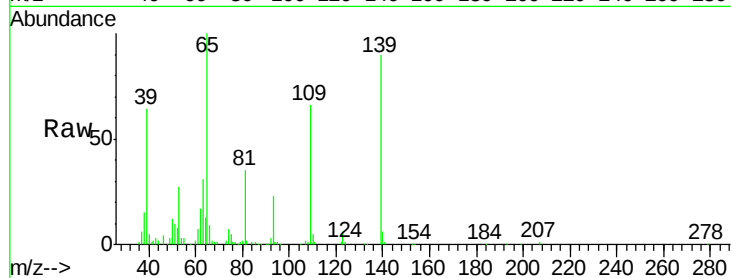




#55
4-Nitrophenol
Concen: 25.92 ng
RT: 14.48 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

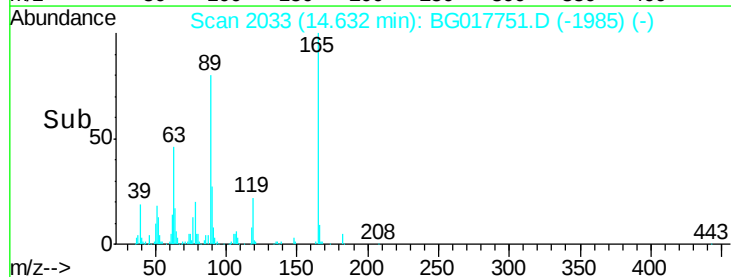
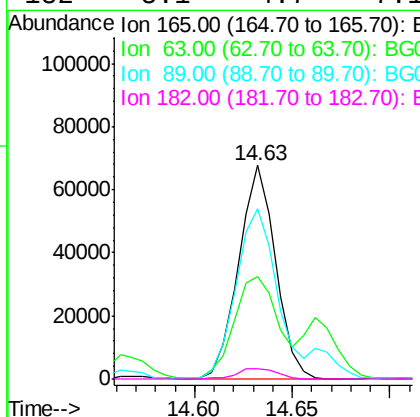
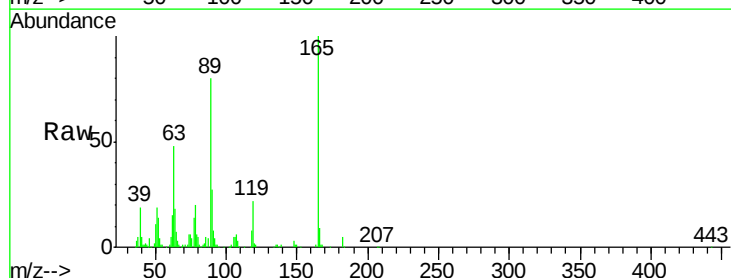
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

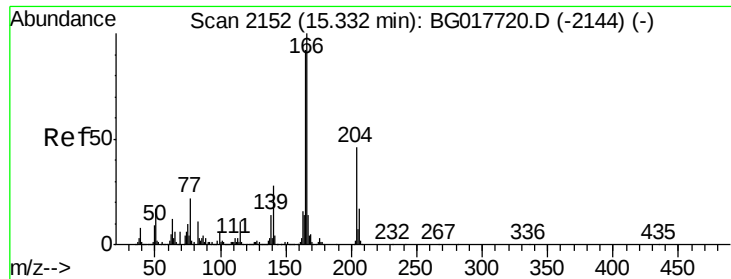
Tgt Ion:139 Resp: 65499
Ion Ratio Lower Upper
139 100
109 73.5 50.3 90.3
65 110.8 78.8 118.8



#56
2,4-Dinitrotoluene
Concen: 24.10 ng
RT: 14.63 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:165 Resp: 88791
Ion Ratio Lower Upper
165 100
63 48.0 36.2 54.4
89 80.0 57.9 86.9
182 5.1 4.7 7.1





#57

Fluorene

Concen: 22.38 ng

RT: 15.31 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

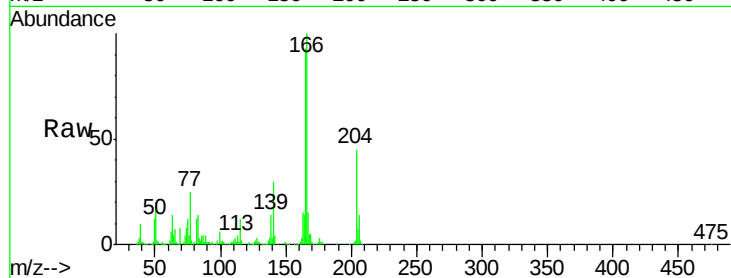
Tgt Ion:166 Resp: 317193

Ion Ratio Lower Upper

166 100

165 92.8 73.4 110.0

167 14.6 11.0 16.6

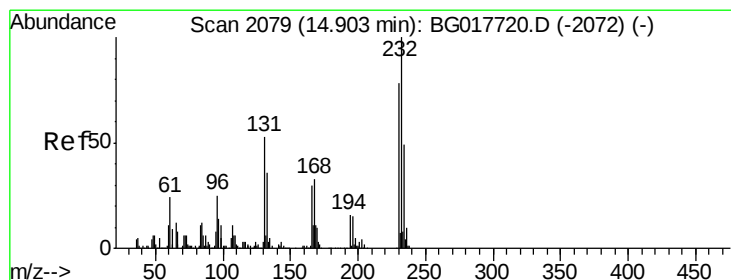
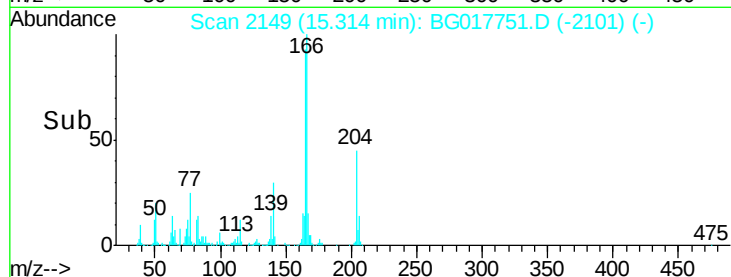
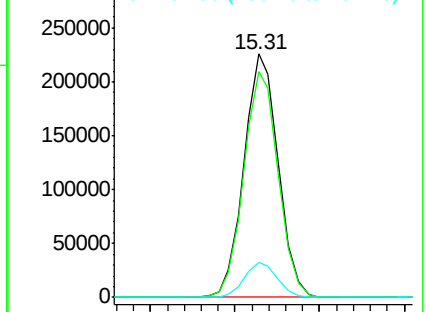


Abundance

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: 23.60 ng m

RT: 14.89 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Tgt Ion:232 Resp: 67271

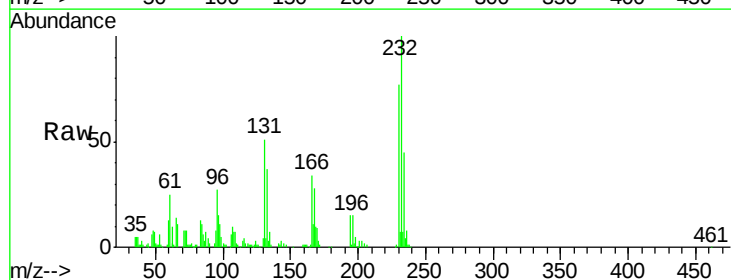
Ion Ratio Lower Upper

232 100

131 49.4 40.8 61.2

130 2.8 2.4 3.6

166 25.0 23.8 35.8



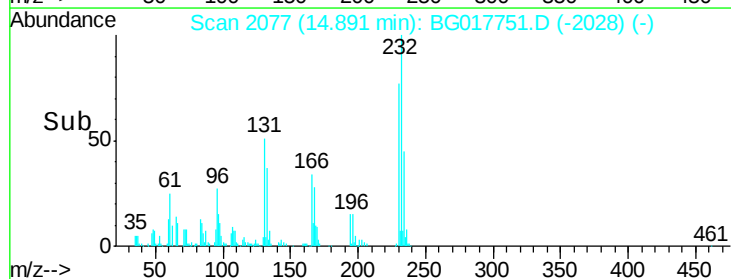
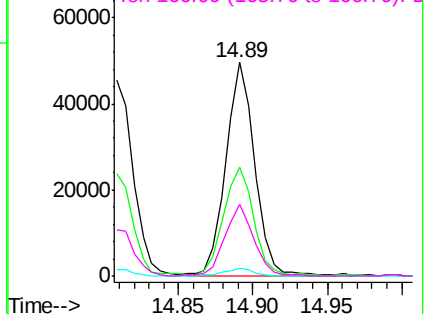
Abundance

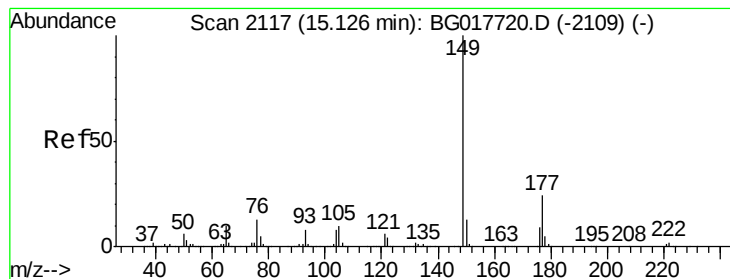
Ion 232.00 (231.70 to 232.70): E

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: 22.86 ng

RT: 15.10 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

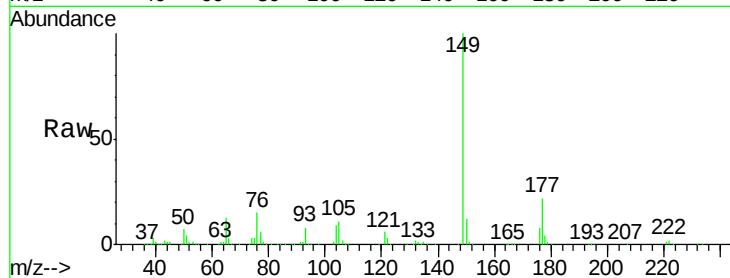
Tgt Ion:149 Resp: 329328

Ion Ratio Lower Upper

149 100

177 21.9 19.1 28.7

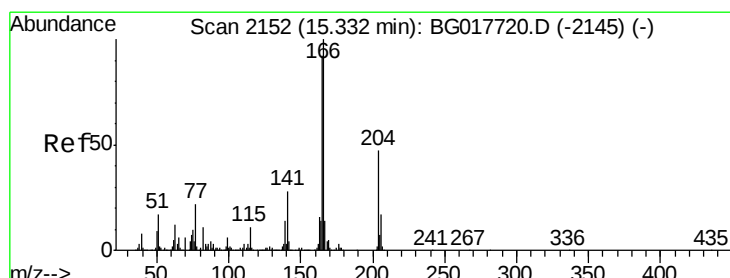
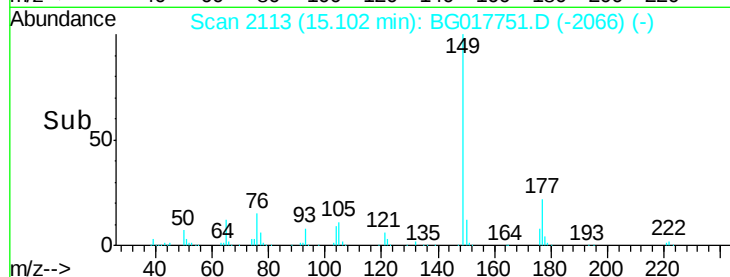
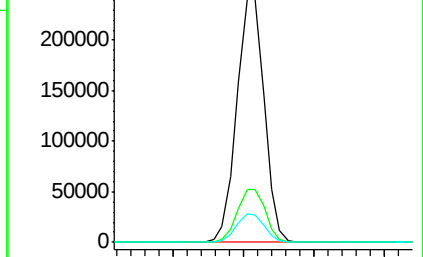
150 11.9 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 22.30 ng

RT: 15.32 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

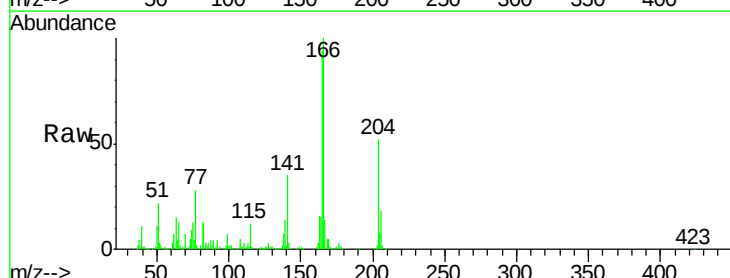
Tgt Ion:204 Resp: 145043

Ion Ratio Lower Upper

204 100

206 34.0 28.6 42.8

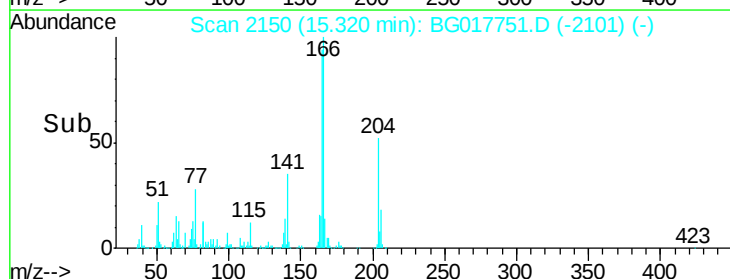
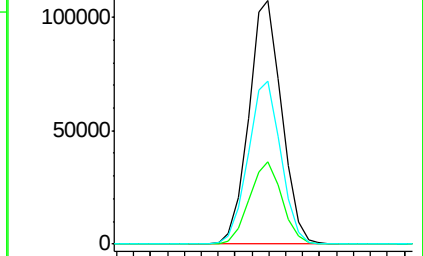
141 67.2 49.0 73.4

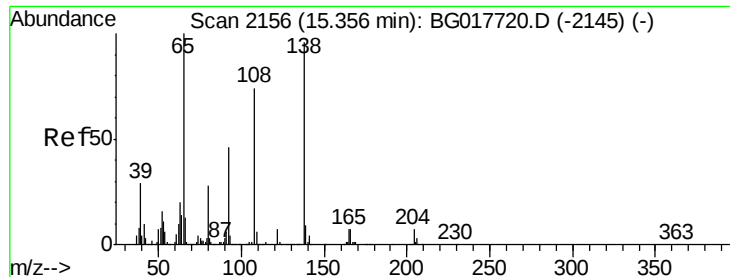


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

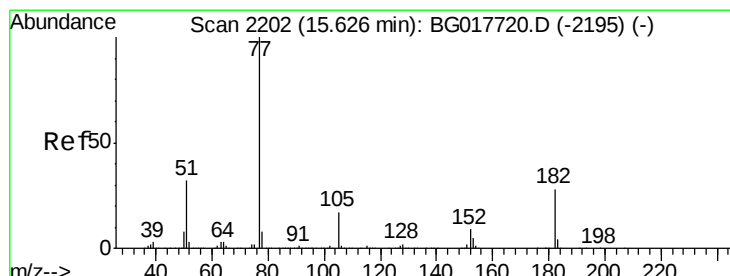
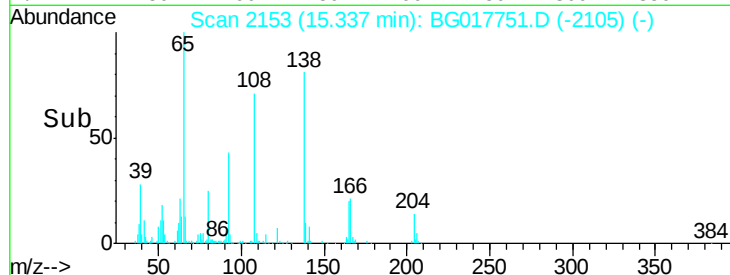
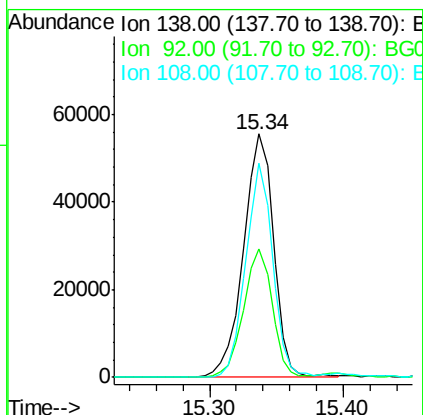
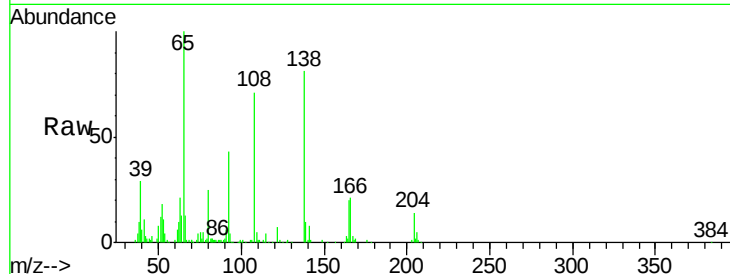




#61
4-Nitroaniline
Concen: 24.36 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

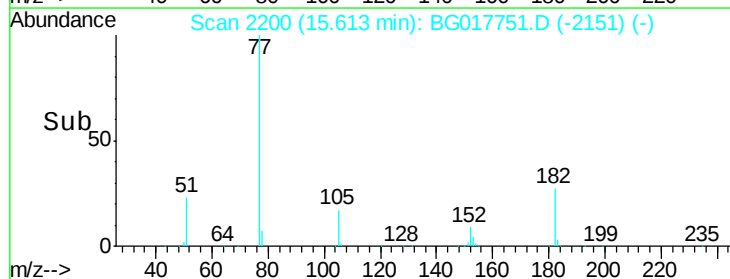
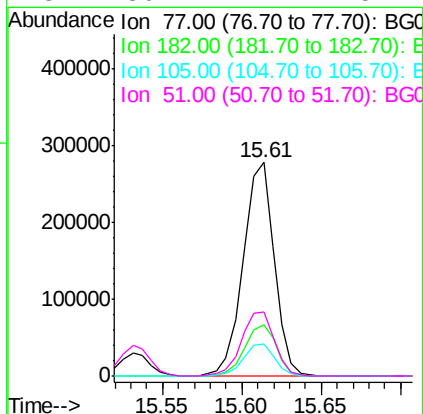
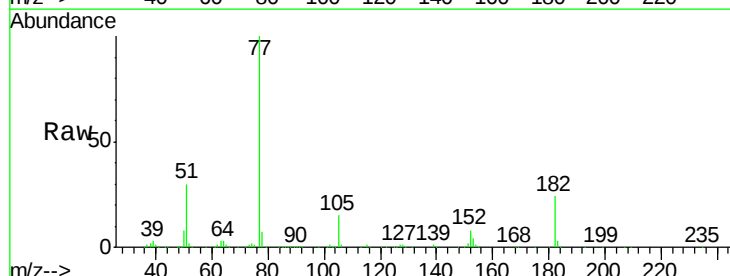
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

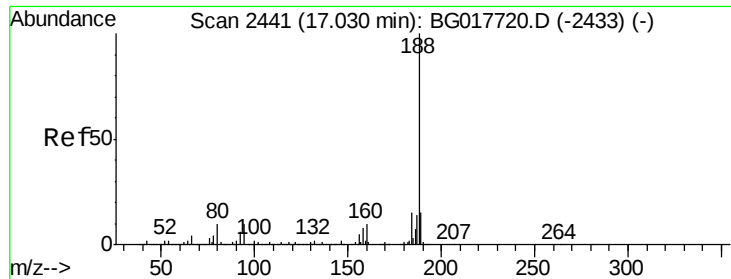
Tgt Ion:138 Resp: 86513
Ion Ratio Lower Upper
138 100
92 52.7 27.7 67.7
108 88.1 57.8 97.8



#62
Azobenzene
Concen: 25.07 ng
RT: 15.61 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion: 77 Resp: 378347
Ion Ratio Lower Upper
77 100
182 23.7 8.2 48.2
105 14.7 0.0 36.6
51 30.2 11.7 51.7

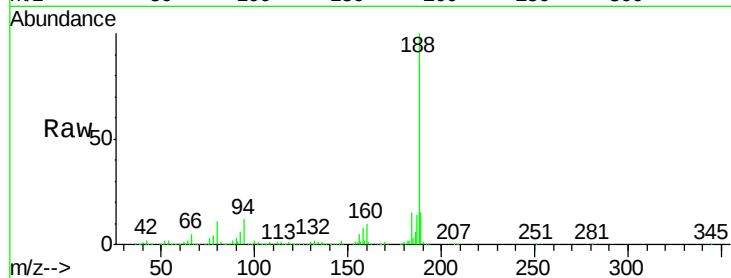




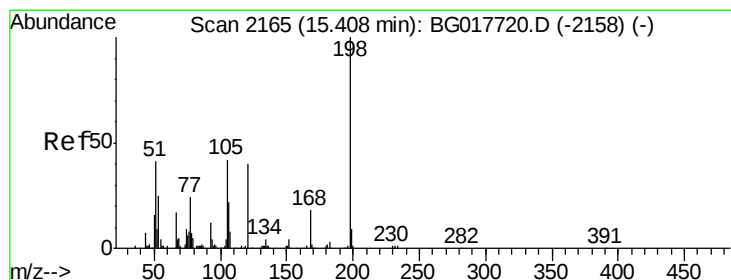
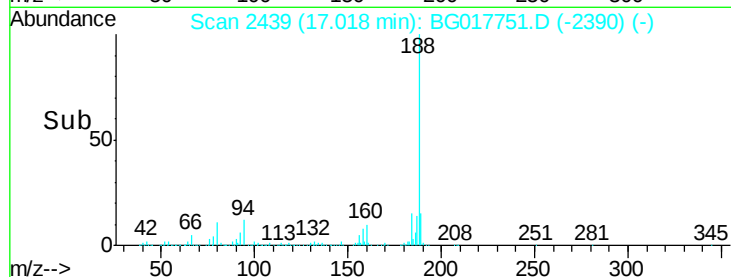
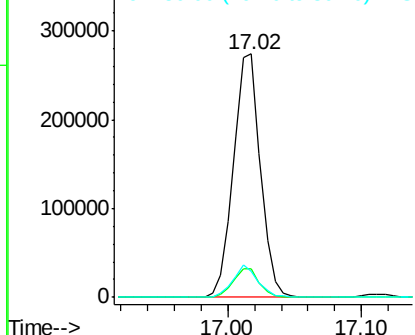
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:188 Resp: 385853
Ion Ratio Lower Upper
188 100
94 11.5 8.2 12.2
80 10.8 8.2 12.4

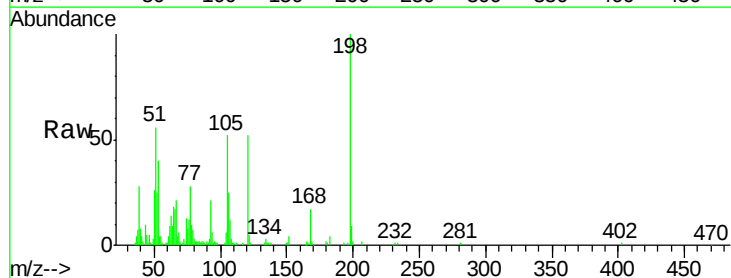


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

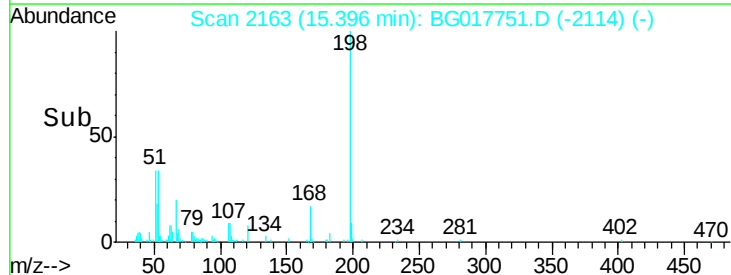
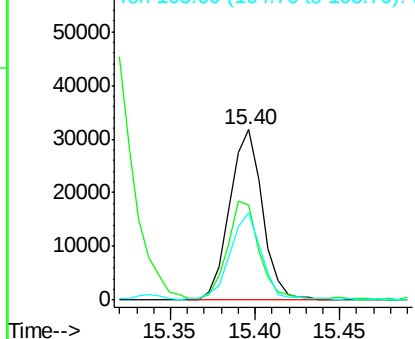


#64
4,6-Dinitro-2-methylphenol
Concen: 24.60 ng
RT: 15.40 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:198 Resp: 43014
Ion Ratio Lower Upper
198 100
51 55.7 27.0 67.0
105 51.7 23.3 63.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

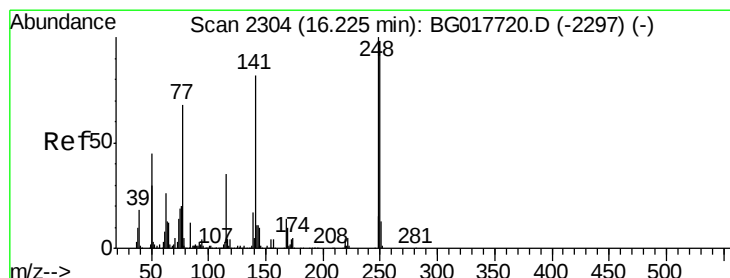
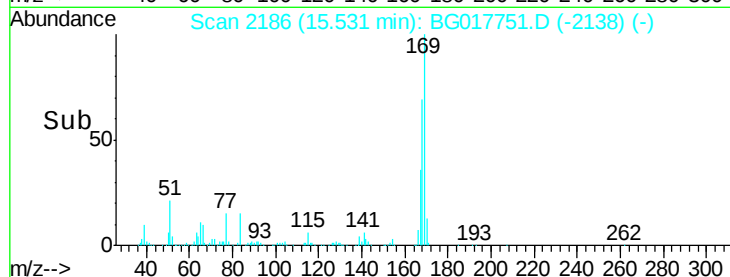
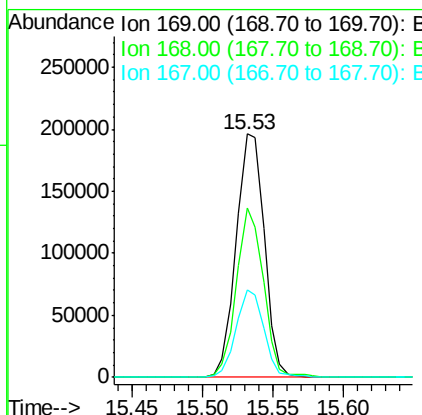
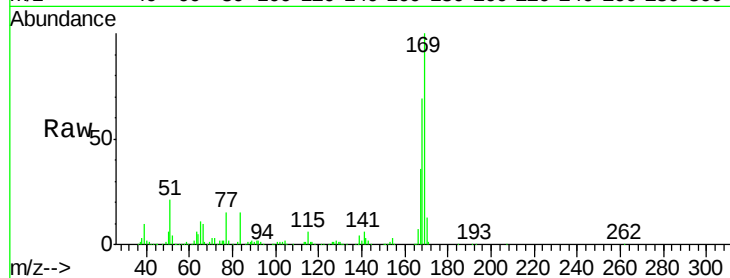




#65
n-Nitrosodiphenylamine
Concen: 22.17 ng
RT: 15.53 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

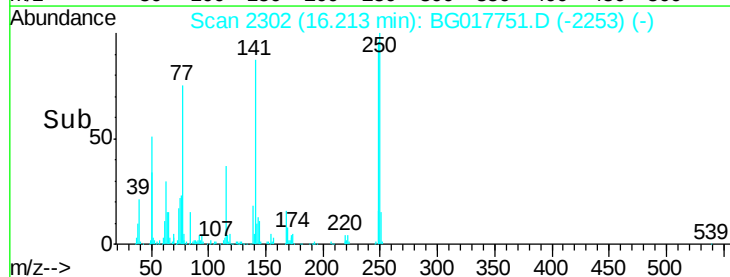
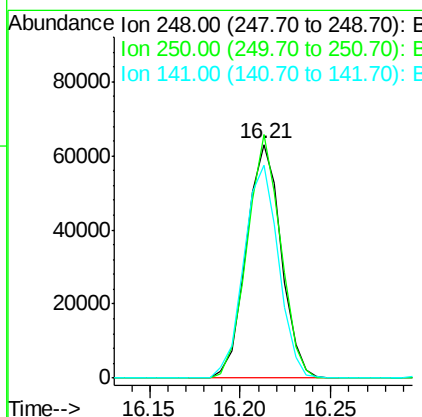
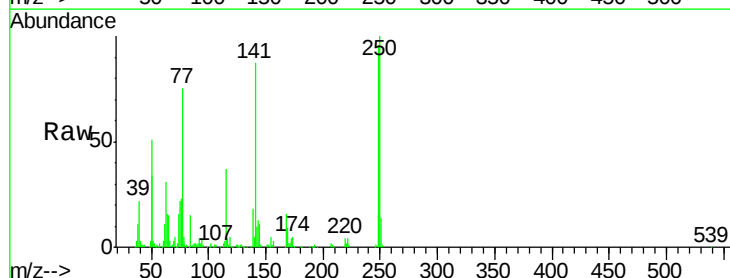
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

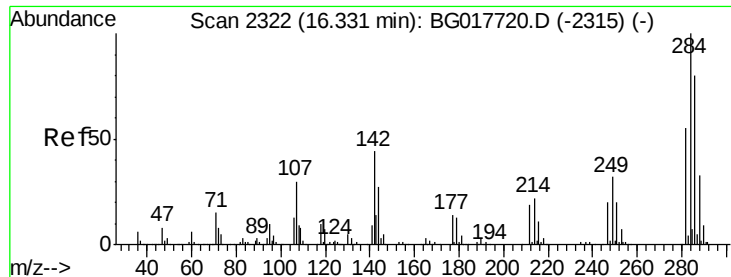
Tgt Ion:169 Resp: 273324
Ion Ratio Lower Upper
169 100
168 69.4 54.1 81.1
167 35.9 29.4 44.2



#66
4-Bromophenyl-phenylether
Concen: 21.14 ng
RT: 16.21 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:248 Resp: 84252
Ion Ratio Lower Upper
248 100
250 104.1 78.0 117.0
141 90.8 65.7 98.5

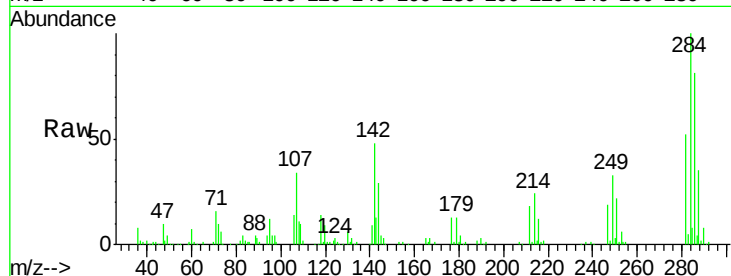




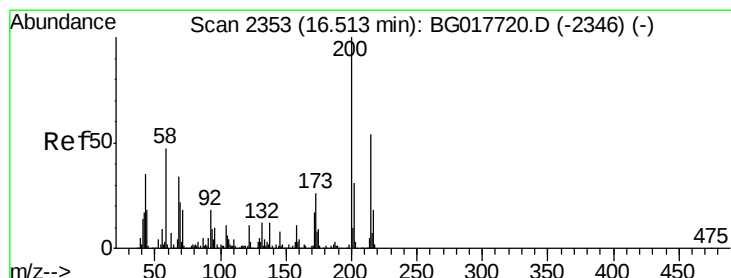
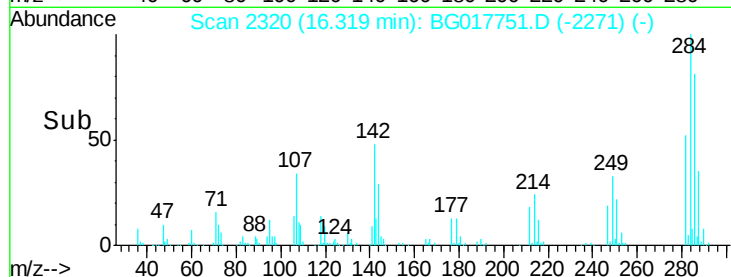
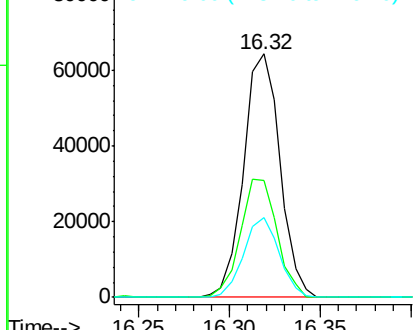
#67
Hexachlorobenzene
Concen: 20.75 ng
RT: 16.32 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:284 Resp: 89564
Ion Ratio Lower Upper
284 100
142 48.1 35.2 52.8
249 32.8 25.4 38.0

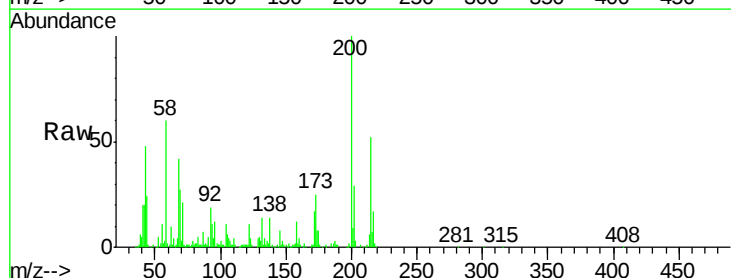


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

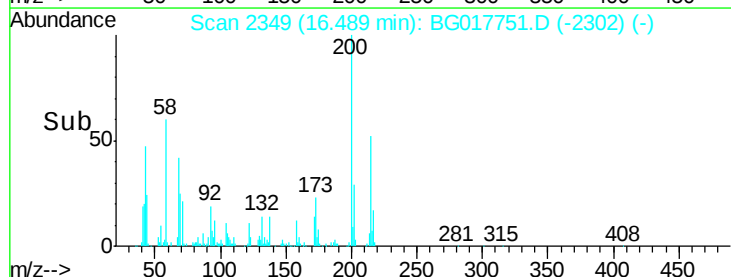
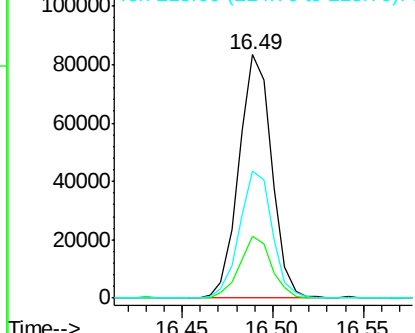


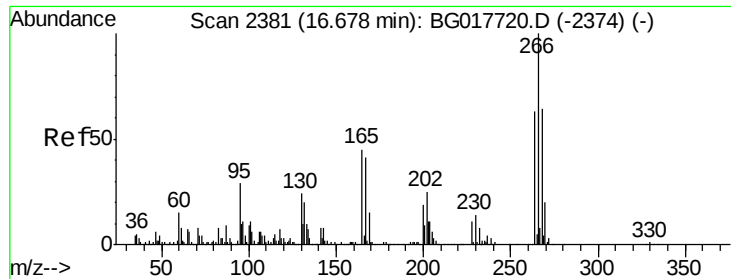
#68
Atrazine
Concen: 23.26 ng
RT: 16.49 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:200 Resp: 104627
Ion Ratio Lower Upper
200 100
173 25.3 5.6 45.6
215 52.0 34.1 74.1



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

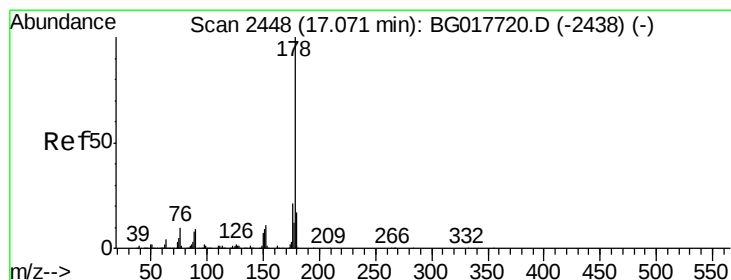
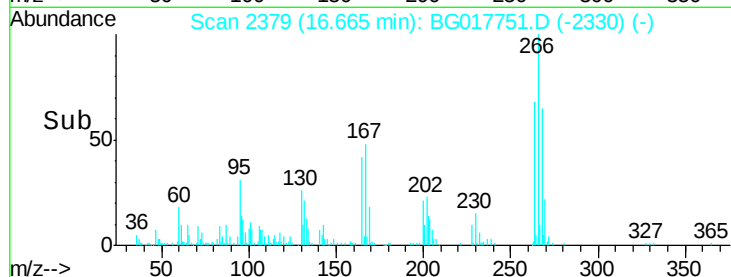
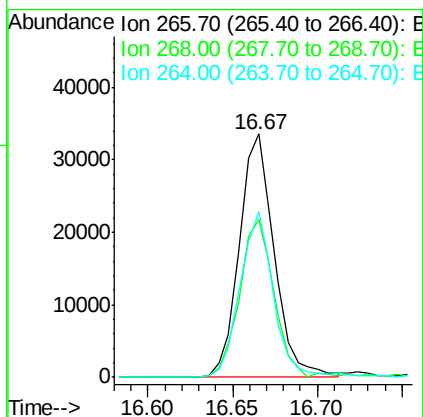
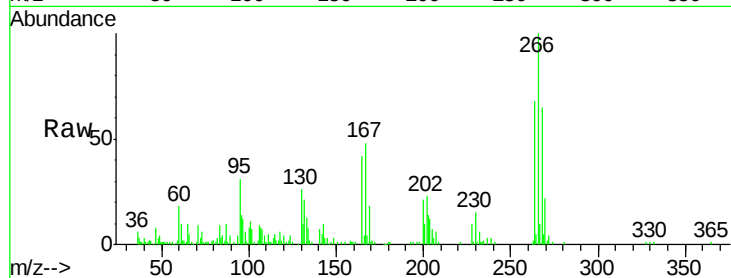




#69
 Pentachlorophenol
 Concen: 22.27 ng
 RT: 16.67 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

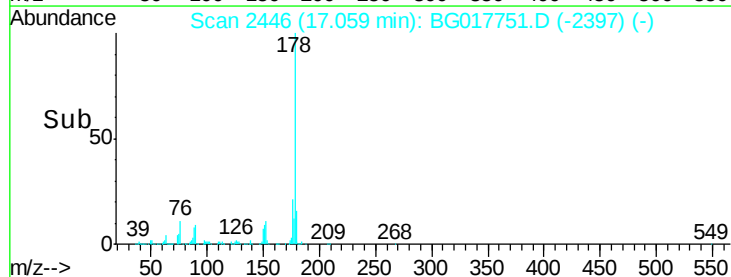
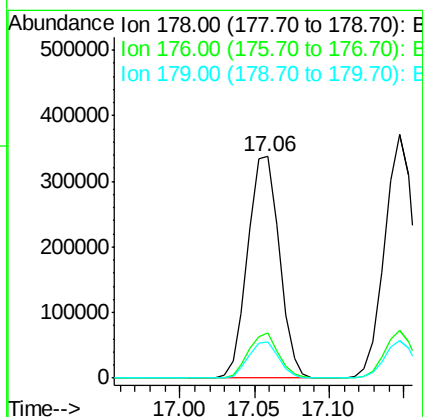
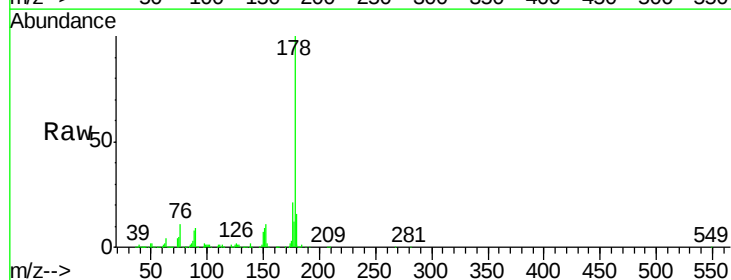
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

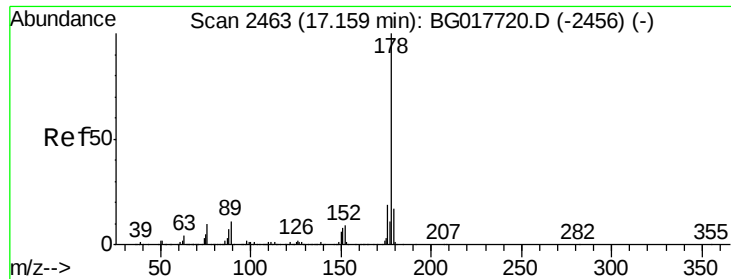
Tgt Ion:266 Resp: 48224
 Ion Ratio Lower Upper
 266 100
 268 69.6 51.0 76.6
 264 72.8 50.7 76.1



#70
 Phenanthrene
 Concen: 22.71 ng
 RT: 17.06 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion:178 Resp: 494370
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.5 24.7
 179 16.4 13.5 20.3

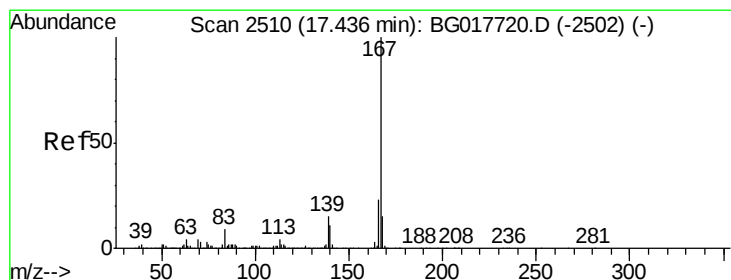
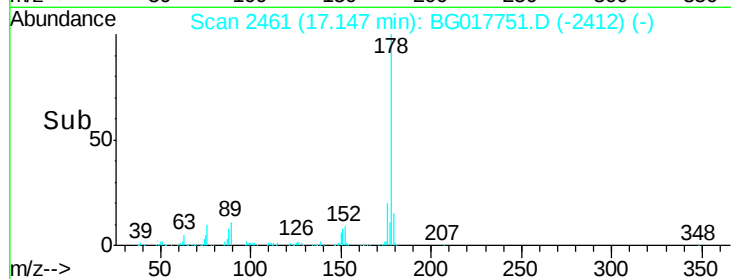
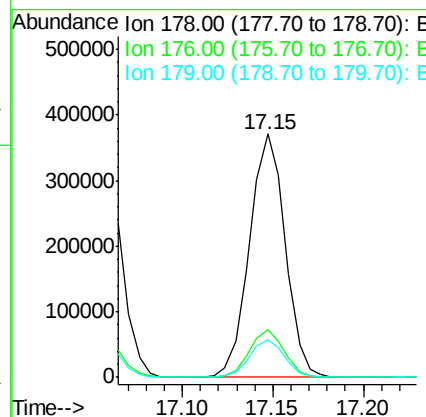
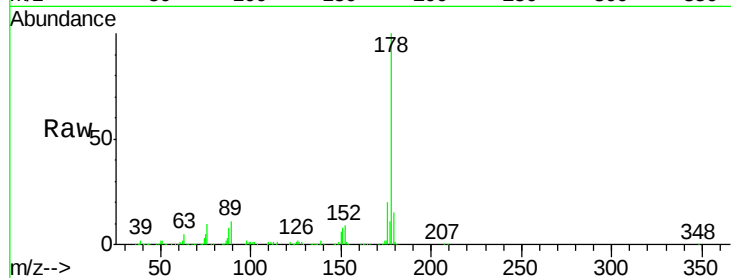




#71
 Anthracene
 Concen: 23.25 ng
 RT: 17.15 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

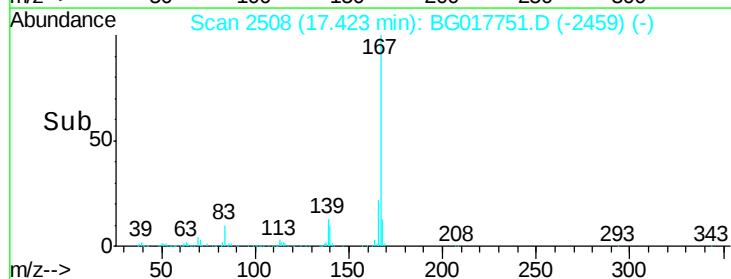
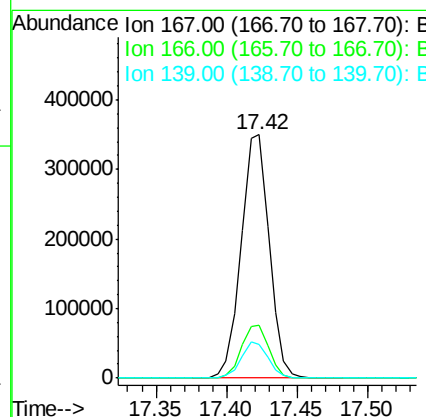
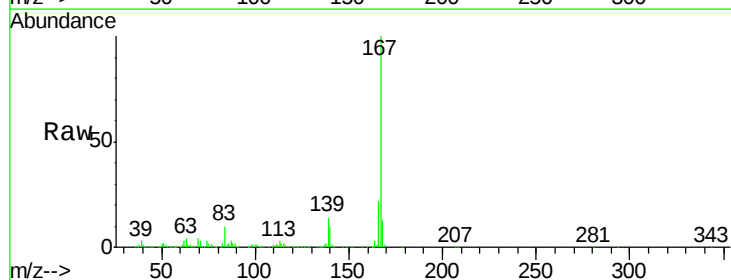
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

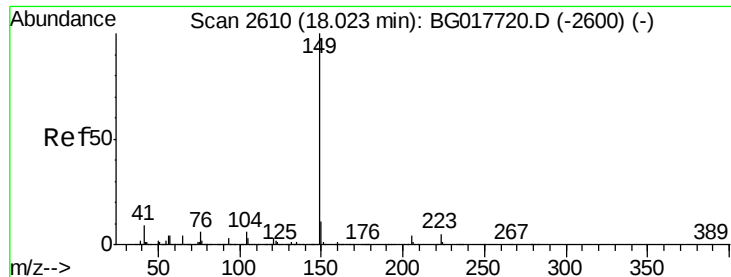
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.4	13.6	20.4



#72
 Carbazole
 Concen: 22.81 ng
 RT: 17.42 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.3	27.5
139	13.7	11.9	17.9

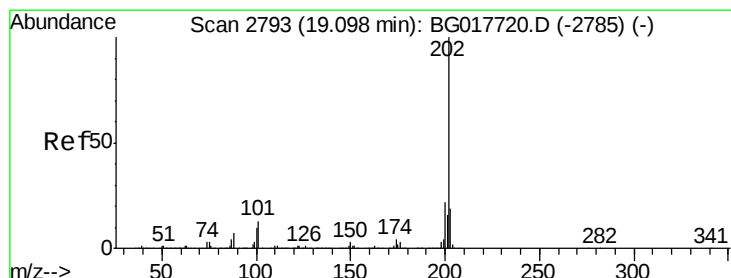
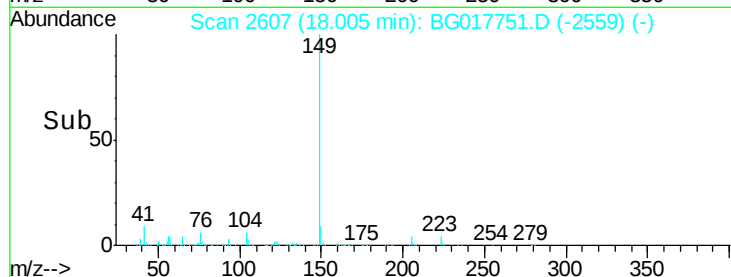
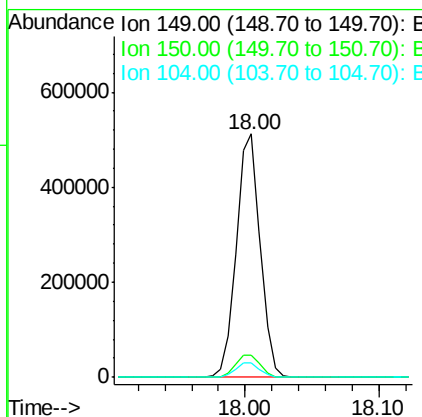
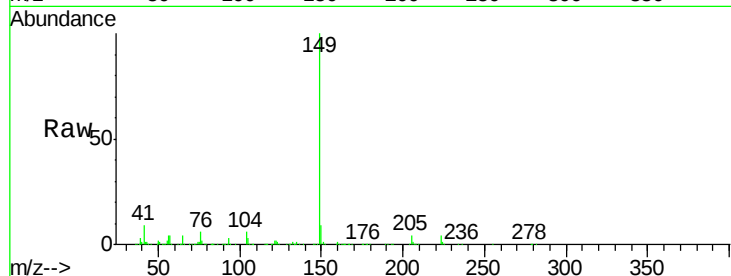




#73
Di-n-butylphthalate
Concen: 23.81 ng
RT: 18.00 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

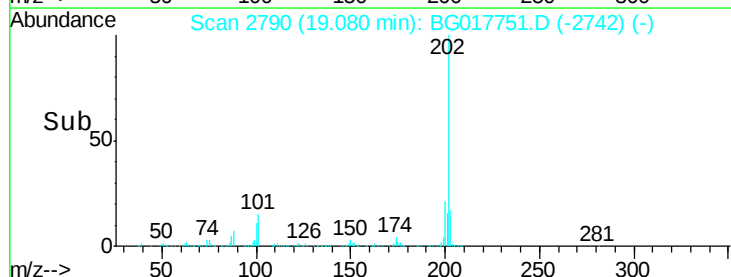
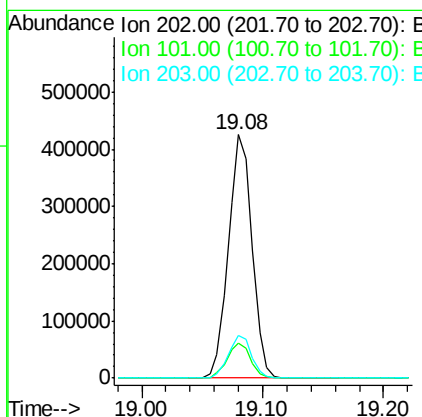
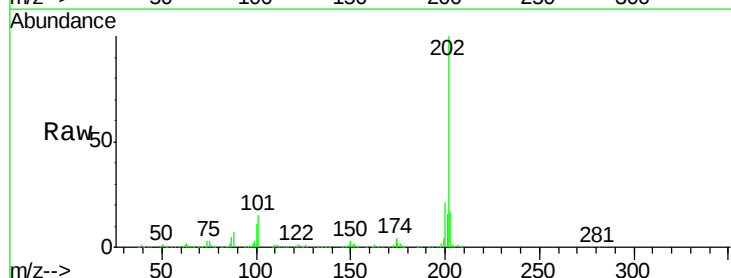
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

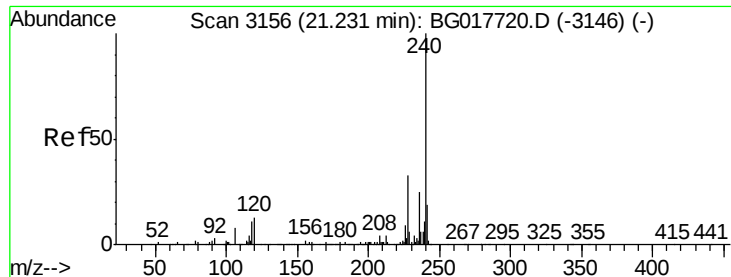
Tgt Ion:149 Resp: 633187
Ion Ratio Lower Upper
149 100
150 9.3 8.6 12.8
104 6.0 5.0 7.6



#74
Fluoranthene
Concen: 23.16 ng
RT: 19.08 min Scan# 2790
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:202 Resp: 575378
Ion Ratio Lower Upper
202 100
101 14.5 0.0 33.3
203 17.5 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: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

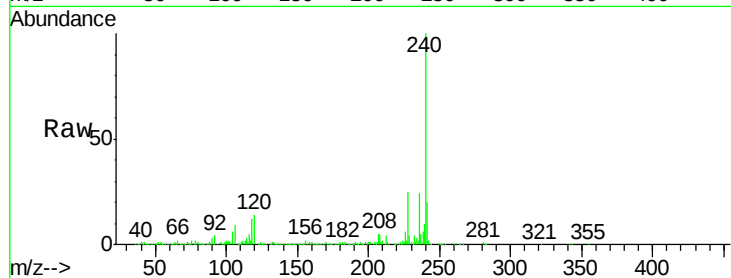
Tgt Ion:240 Resp: 408770

Ion Ratio Lower Upper

240 100

120 14.2 10.8 16.2

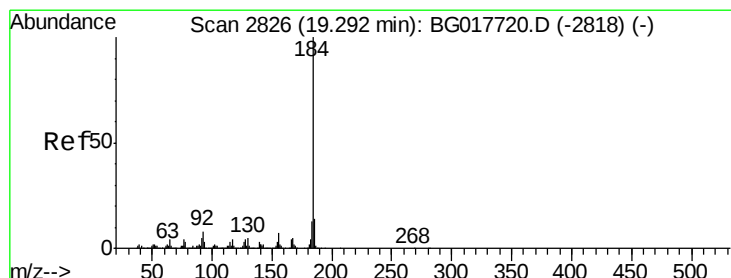
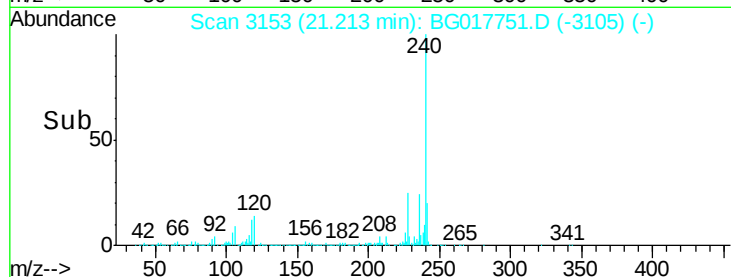
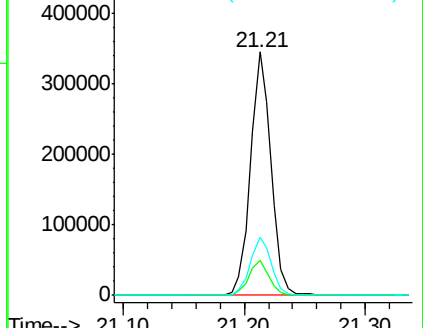
236 23.8 20.0 30.0



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: 8.60 ng

RT: 19.27 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

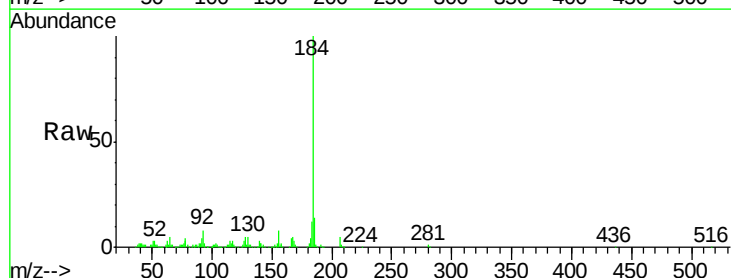
Tgt Ion:184 Resp: 117284

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

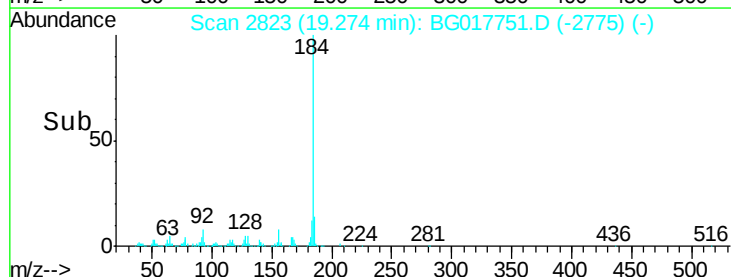
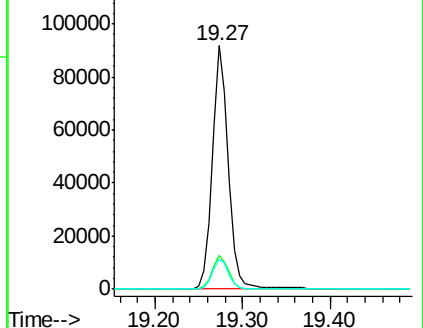
183 12.5 10.0 15.0

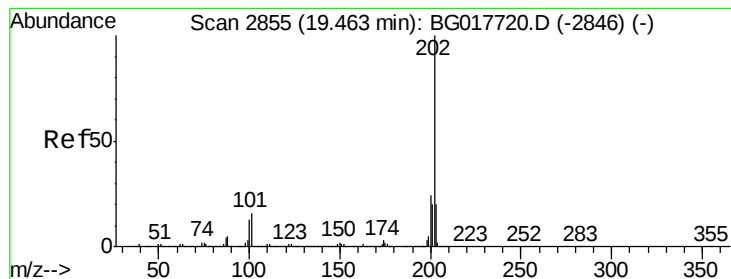


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 22.90 ng

RT: 19.44 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

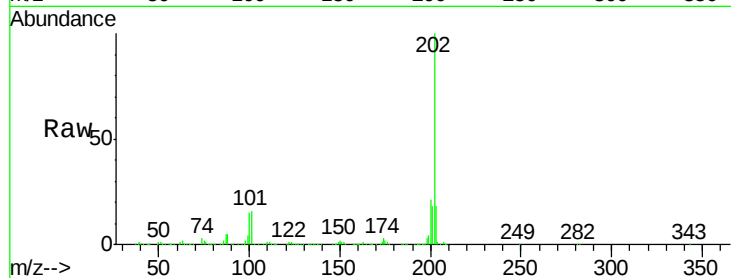
Tgt Ion:202 Resp: 595674

Ion Ratio Lower Upper

202 100

200 21.0 18.8 28.2

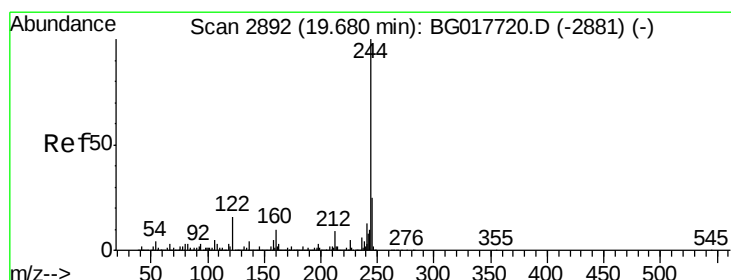
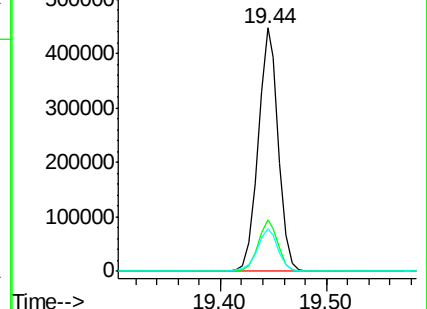
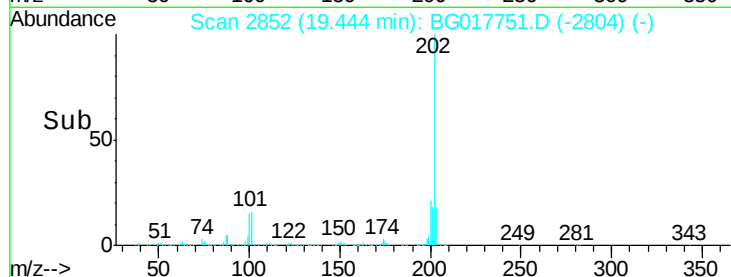
203 17.6 15.9 23.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.39 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

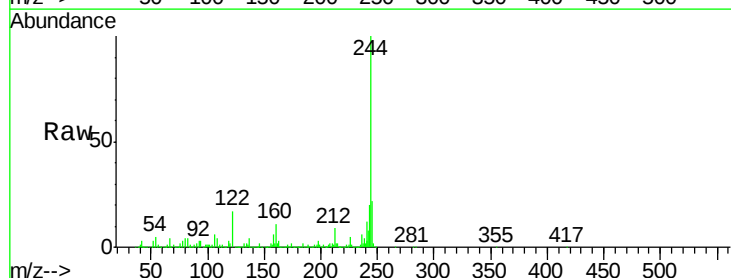
Tgt Ion:244 Resp: 1428159

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

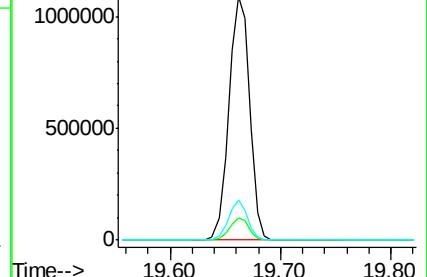
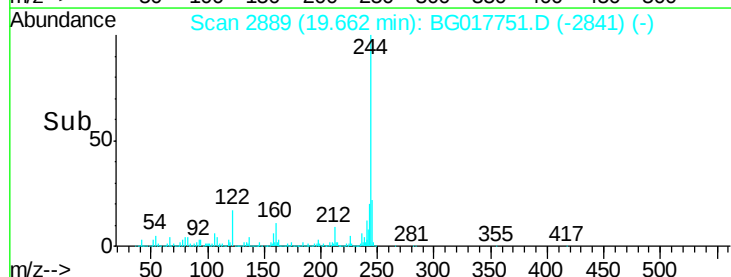
122 16.6 12.8 19.2

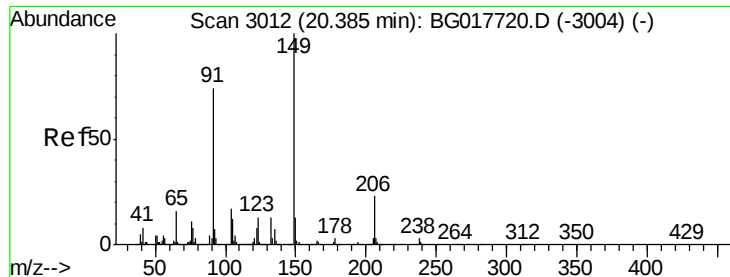


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

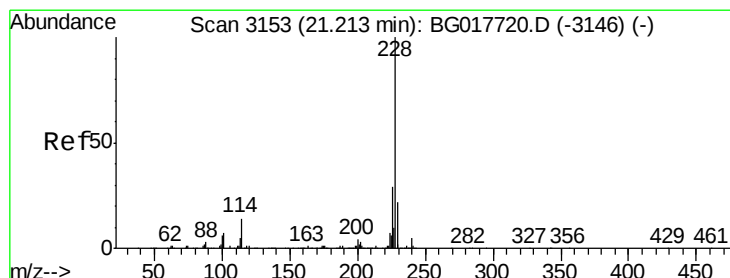
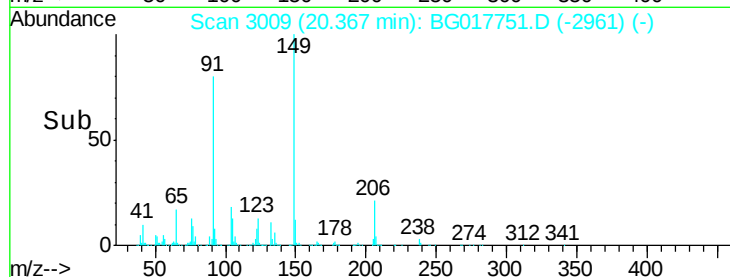
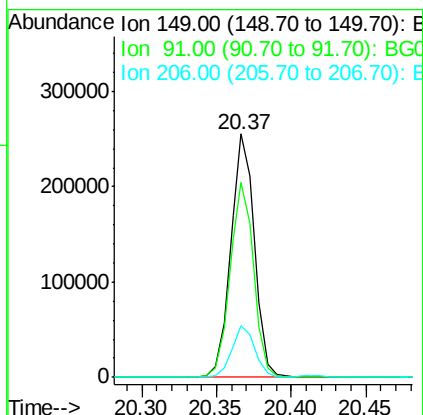
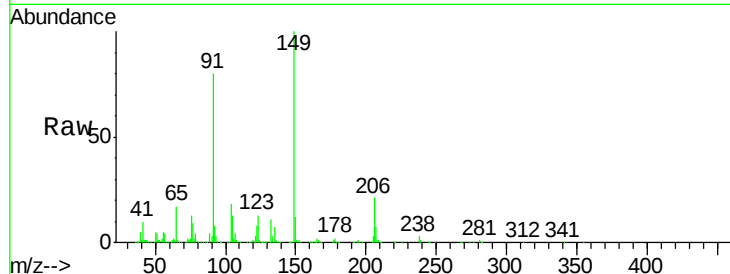




#79
Butylbenzylphthalate
Concen: 23.05 ng
RT: 20.37 min Scan# 3009
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

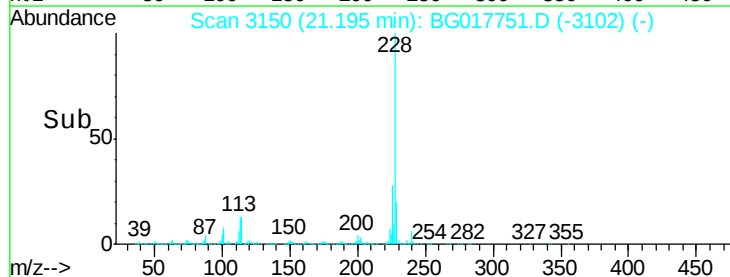
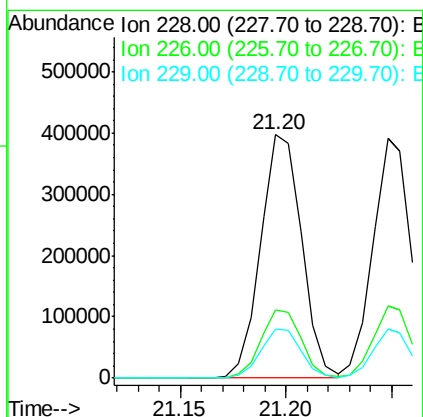
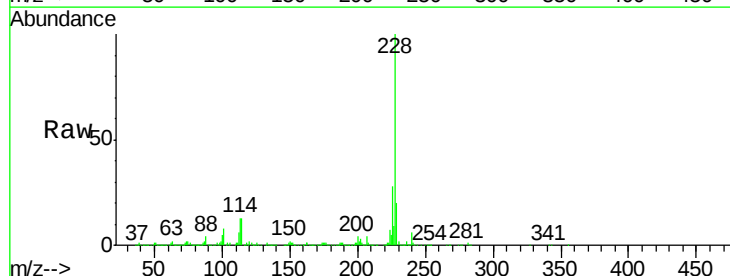
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

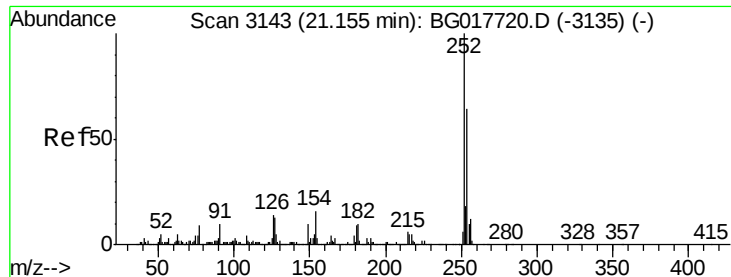
Tgt Ion:149 Resp: 283558
Ion Ratio Lower Upper
149 100
91 80.3 59.5 89.3
206 21.4 18.5 27.7



#80
Benzo(a)anthracene
Concen: 22.81 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:228 Resp: 536713
Ion Ratio Lower Upper
228 100
226 28.2 23.1 34.7
229 20.2 17.4 26.0

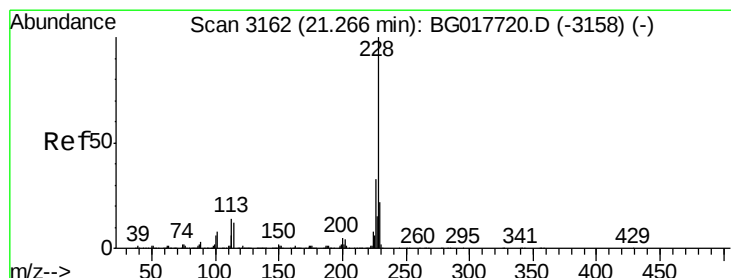
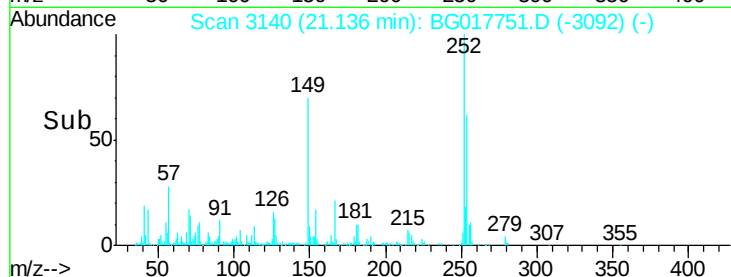
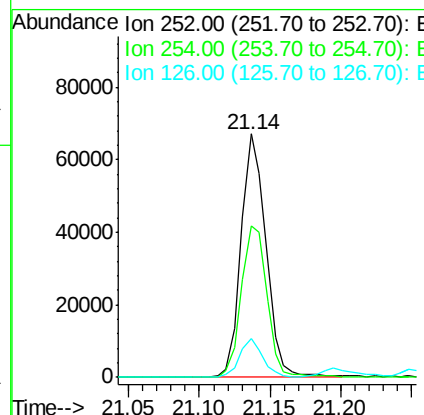
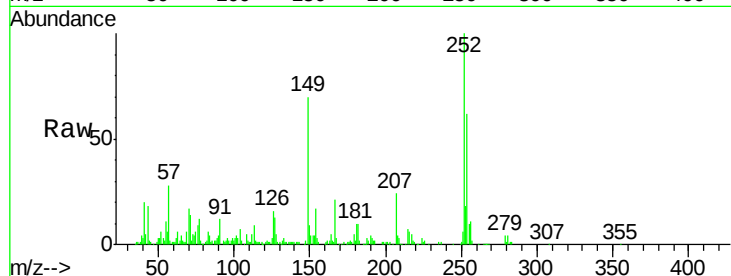




#81
 3,3'-Dichlorobenzidine
 Concen: 9.43 ng
 RT: 21.14 min Scan# 3140
 Delta R.T. -0.02 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

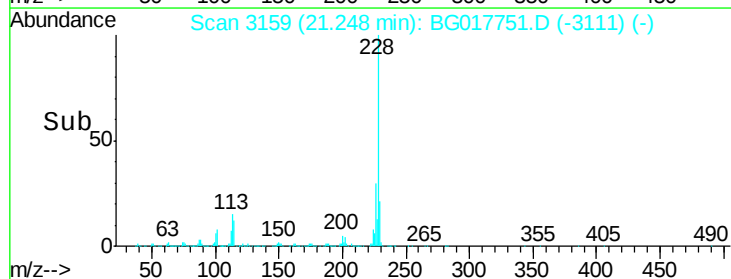
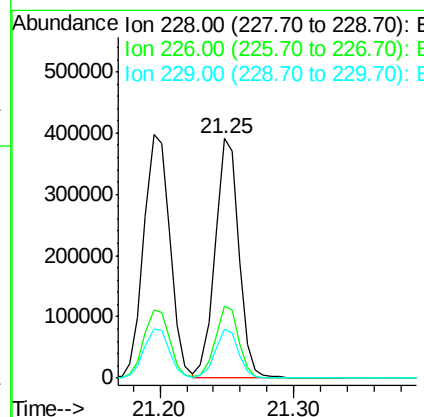
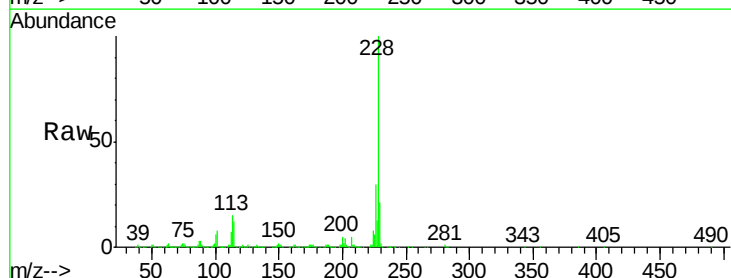
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

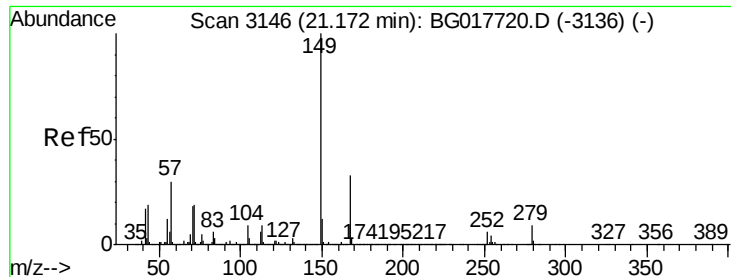
Tgt Ion:252 Resp: 82760
 Ion Ratio Lower Upper
 252 100
 254 62.1 51.2 76.8
 126 16.0 11.4 17.0



#82
 Chrysene
 Concen: 22.61 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion:228 Resp: 488281
 Ion Ratio Lower Upper
 228 100
 226 30.2 26.1 39.1
 229 20.6 17.7 26.5

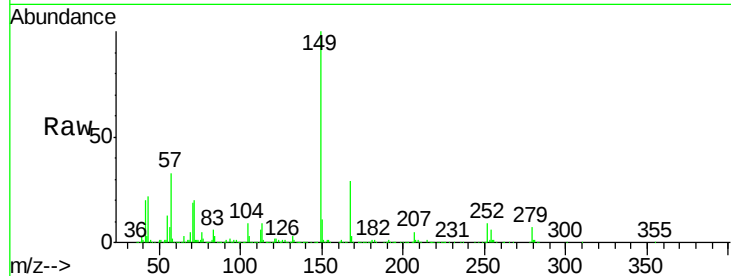




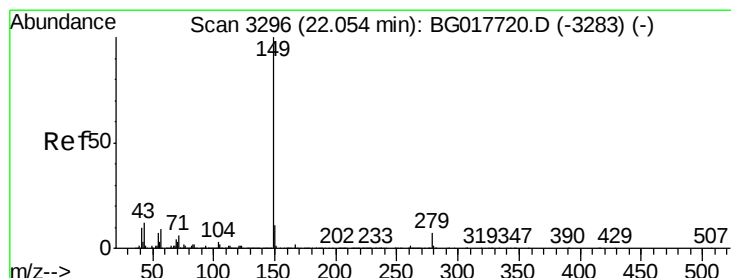
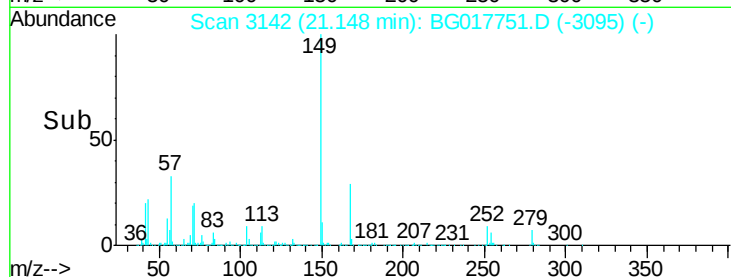
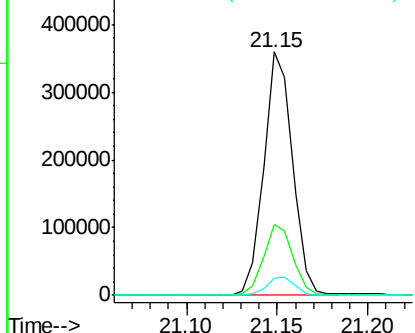
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.10 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	26.6	39.8
279	7.1	6.9	10.3

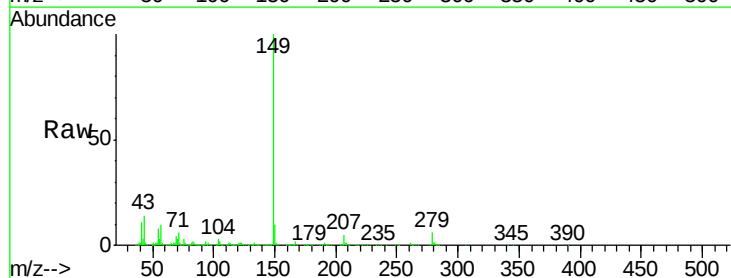


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

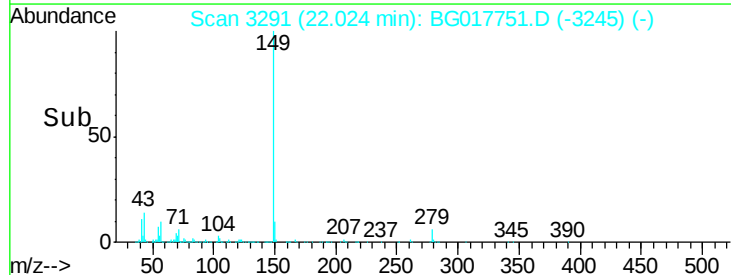
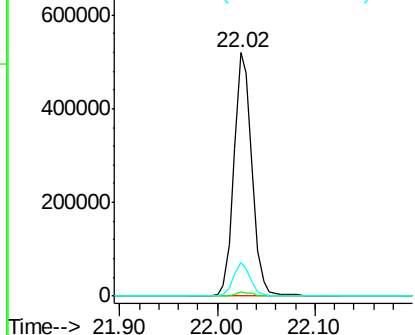


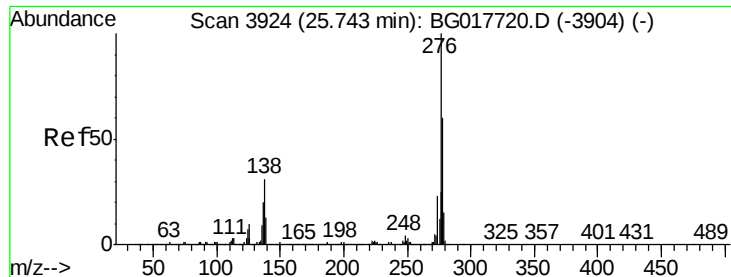
#84
 Di-n-octyl phthalate
 Concen: 23.46 ng
 RT: 22.02 min Scan# 3291
 Delta R.T. -0.03 min
 Lab File: BG017751.D
 Acq: 22 Jun 2015 18:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	13.2	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): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 20.27 ng

RT: 25.70 min Scan# 3916

Delta R.T. -0.05 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

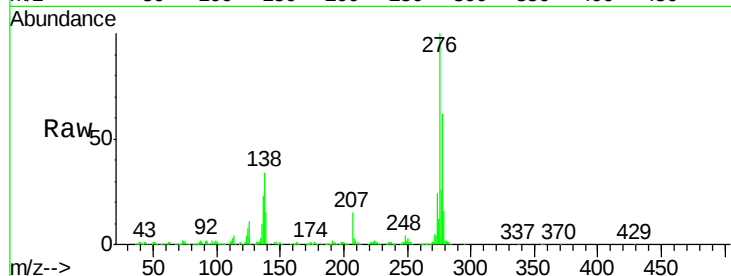
Tgt Ion:276 Resp: 525180

Ion Ratio Lower Upper

276 100

138 33.9 25.4 38.0

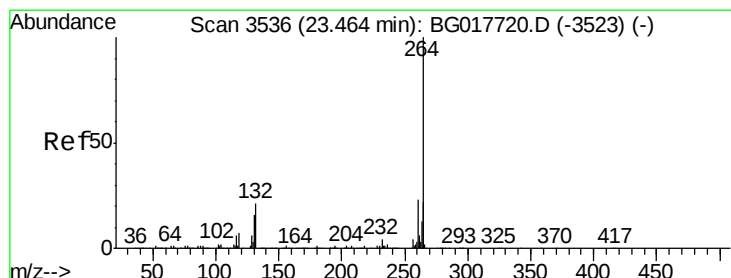
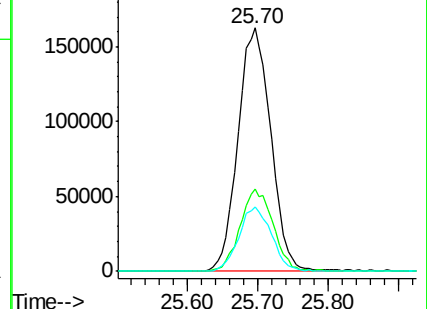
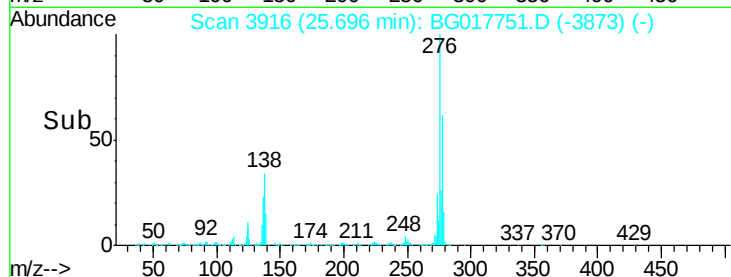
277 26.5 21.0 31.4



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: BG017751.D

Acq: 22 Jun 2015 18:38

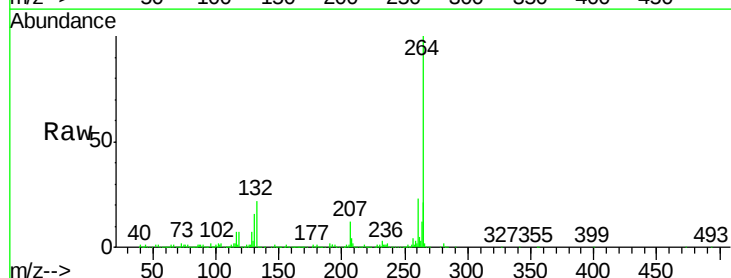
Tgt Ion:264 Resp: 390154

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

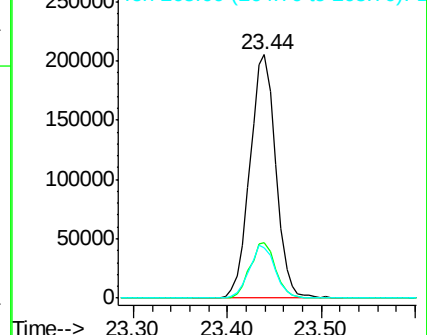
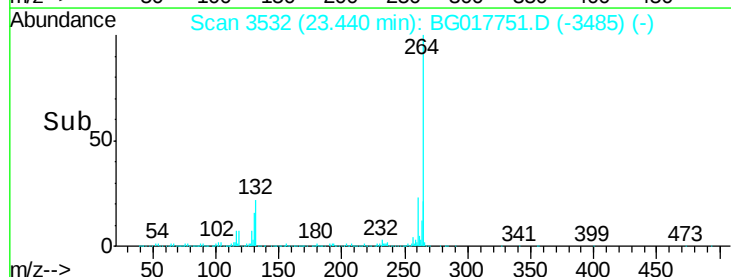
265 20.9 18.2 27.2

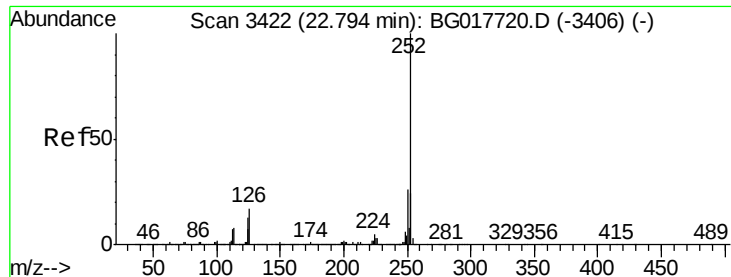


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

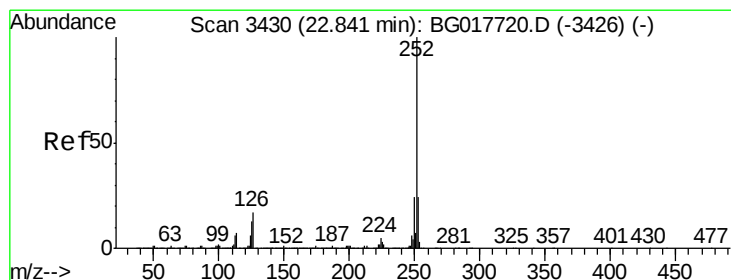
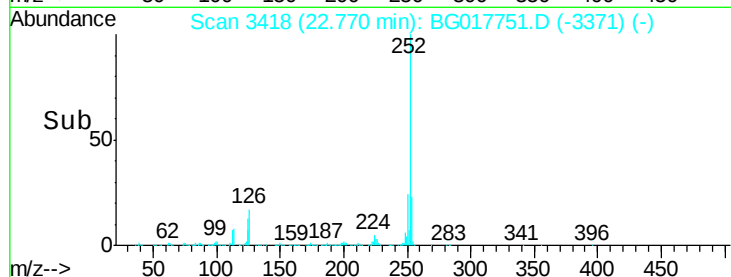
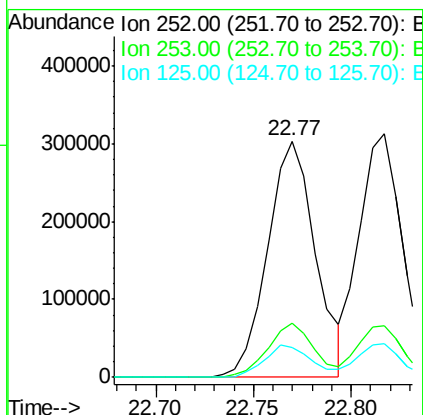
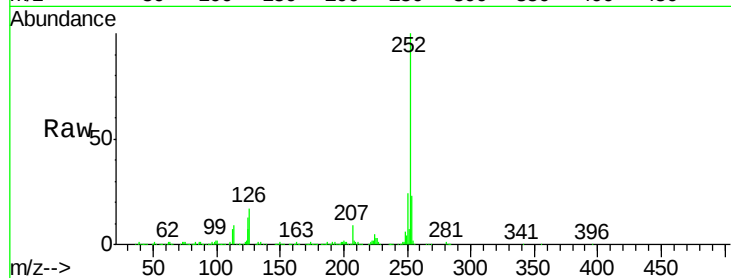




#87
Benzo(b)fluoranthene
Concen: 21.99 ng
RT: 22.77 min Scan# 3418
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

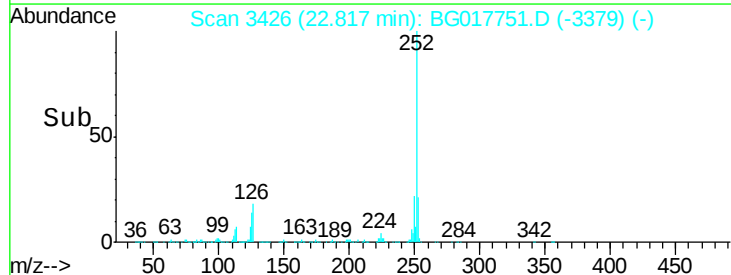
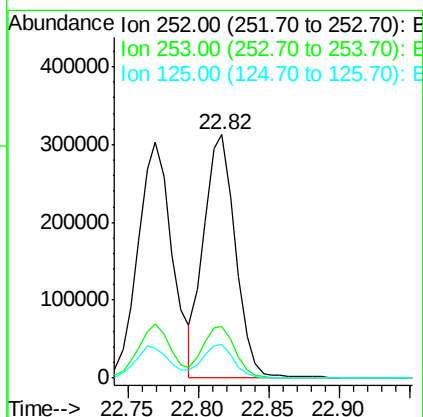
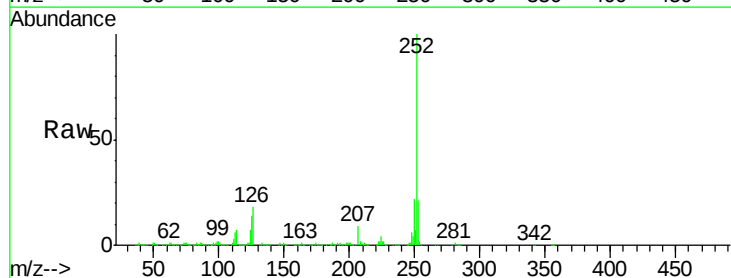
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL2015-02

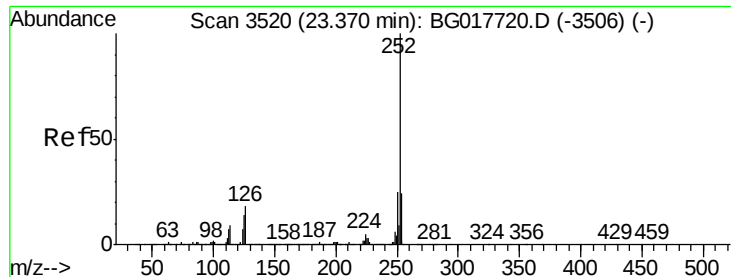
Tgt Ion:252 Resp: 516421
Ion Ratio Lower Upper
252 100
253 22.9 19.7 29.5
125 12.6 10.6 15.8



#88
Benzo(k)fluoranthene
Concen: 21.51 ng
RT: 22.82 min Scan# 3426
Delta R.T. -0.02 min
Lab File: BG017751.D
Acq: 22 Jun 2015 18:38

Tgt Ion:252 Resp: 482897
Ion Ratio Lower Upper
252 100
253 21.4 19.0 28.6
125 13.7 10.3 15.5





#89

Benzo(a)pyrene

Concen: 22.24 ng

RT: 23.34 min Scan# 3515

Delta R.T. -0.03 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02

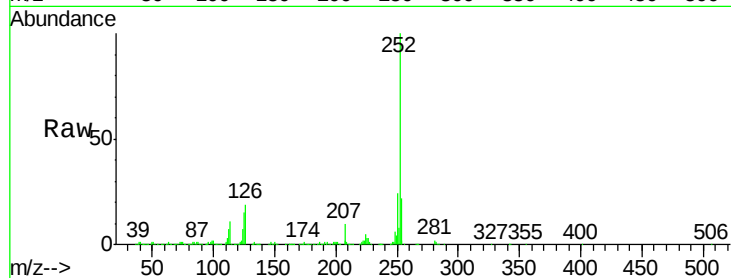
Tgt Ion:252 Resp: 479979

Ion Ratio Lower Upper

252 100

253 22.2 19.0 28.6

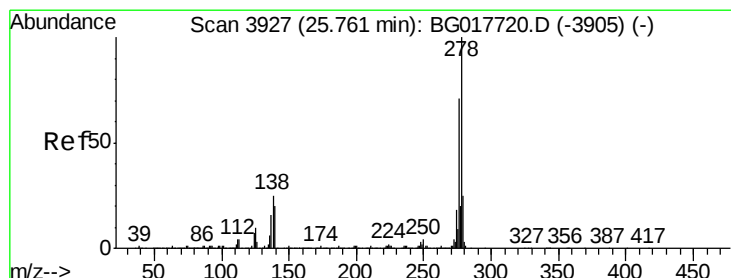
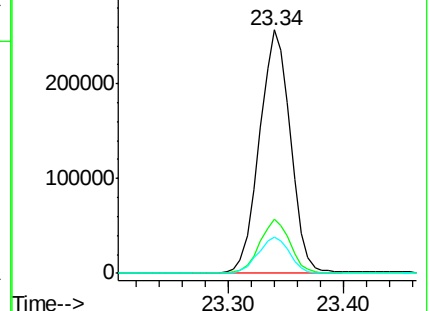
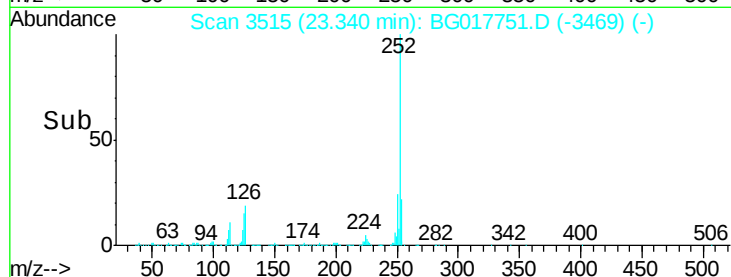
125 15.1 11.1 16.7



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: 20.66 ng

RT: 25.72 min Scan# 3920

Delta R.T. -0.04 min

Lab File: BG017751.D

Acq: 22 Jun 2015 18:38

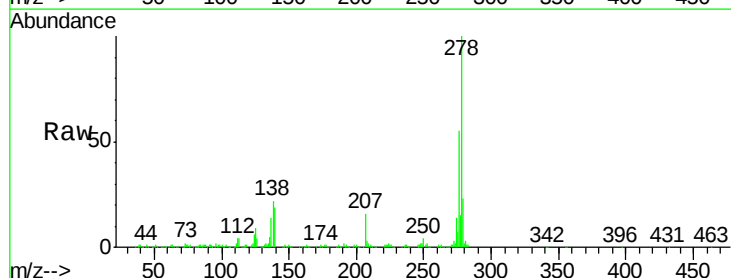
Tgt Ion:278 Resp: 451320

Ion Ratio Lower Upper

278 100

139 19.1 16.2 24.2

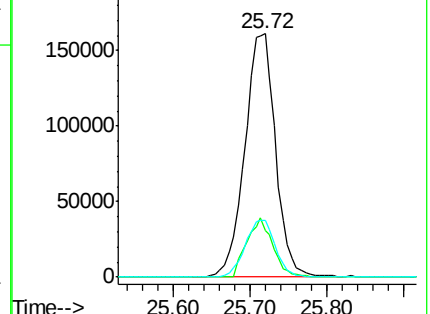
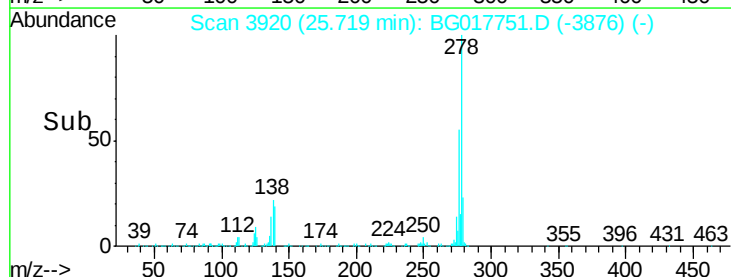
279 23.2 19.9 29.9

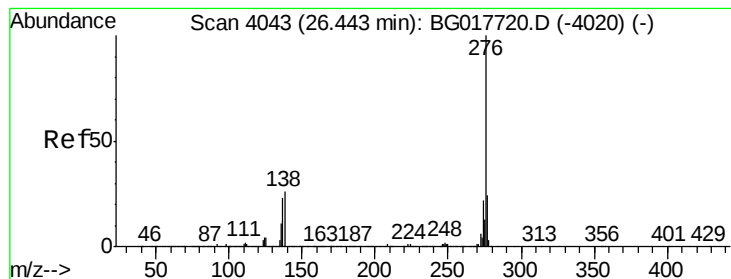


Abundance Ion 278.00 (277.70 to 278.70): E

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: 21.03 ng

RT: 26.38 min Scan# 4033

Delta R.T. -0.06 min

Lab File: BG017751.D

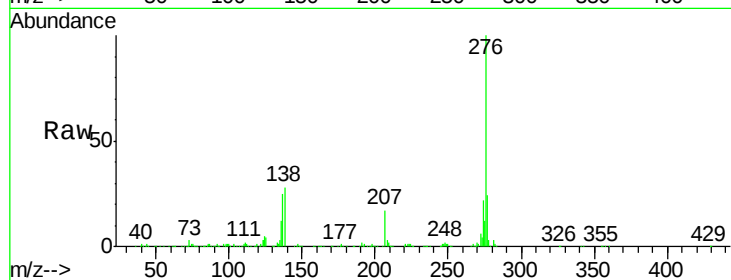
Acq: 22 Jun 2015 18:38

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL2015-02



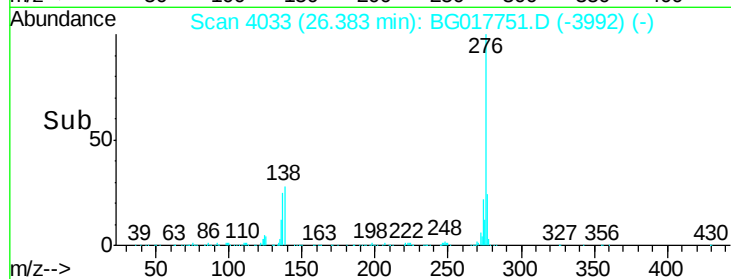
Tgt Ion: 276 Resp: 445119

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 27.8 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

