

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017749.D
 Acq On : 22 Jun 2015 17:27
 Operator : TP/IZ
 Sample : G2653-03
 Misc : LOD-SVOC-SOIL-5PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jun 23 02:14:58 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	70177	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	306546	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	182994	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	407958	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	444405	20.00	ng	-0.02
86) Perylene-d12	23.44	264	410622	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	469232	117.34	ng	0.00
7) Phenol-d6	6.79	99	636233	113.20	ng	0.00
23) Nitrobenzene-d5	8.77	82	386960	72.61	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	168284	99.18	ng	-0.02
44) 2-Fluorobiphenyl	12.88	172	777942	69.04	ng	-0.02
78) Terphenyl-d14	19.66	244	1290738	66.00	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	5565	3.19	ng	# 64
3) Pyridine	3.56	79	15933	3.29	ng	# 84
4) n-Nitrosodimethylamine	3.48	42	6549	2.97	ng	# 68
8) 2-Chlorophenol	7.18	128	17319	3.46	ng	90
9) Benzaldehyde	6.76	77	15496	4.76	ng	93
10) Phenol	6.81	94	23083	3.77	ng	80
11) bis(2-Chloroethyl)ether	7.04	93	16030	3.45	ng	84
12) 1,3-Dichlorobenzene	7.50	146	18530	3.33	ng	92
13) 1,4-Dichlorobenzene	7.65	146	17684	3.08	ng	97
14) 1,2-Dichlorobenzene	7.95	146	17360	3.20	ng	96
15) Benzyl Alcohol	7.85	79	14814	3.06	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.15	45	26612	3.75	ng	96
17) 2-Methylphenol	8.05	107	14684	3.22	ng	96
18) Hexachloroethane	8.68	117	7408	3.36	ng	90
19) n-Nitroso-di-n-propylamine	8.41	70	14612	3.09	ng	# 90
20) 3+4-Methylphenols	8.38	107	18767	3.05	ng	95
22) Acetophenone	8.43	105	23191	3.34	ng	# 90
24) Nitrobenzene	8.80	77	20572	3.59	ng	91
25) Isophorone	9.32	82	35128	2.96	ng	98
26) 2-Nitrophenol	9.51	139	7581	2.90	ng	# 95
27) 2,4-Dimethylphenol	9.58	122	16103	3.25	ng	97
28) bis(2-Chloroethoxy)methane	9.82	93	20162	3.37	ng	# 95
29) 2,4-Dichlorophenol	10.04	162	13710	3.14	ng	96
30) 1,2,4-Trichlorobenzene	10.25	180	14399	2.94	ng	# 91
31) Naphthalene	10.44	128	53300	3.22	ng	97
32) Benzoic acid	9.62	122	2488	8.54	ng	93
34) Hexachlorobutadiene	10.73	225	8292	2.96	ng	90
35) Caprolactam	11.30	113	5723	2.36	ng	95
36) 4-Chloro-3-methylphenol	11.69	107	16114	2.99	ng	92
37) 2-Methylnaphthalene	12.06	142	36892	3.09	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	16311	3.32	ng	95
40) Hexachlorocyclopentadiene	12.42	237	8278	2.51	ng	94
42) 2,4,6-Trichlorophenol	12.68	196	8998	2.71	ng	92
43) 2,4,5-Trichlorophenol	12.75	196	11007	3.04	ng	90

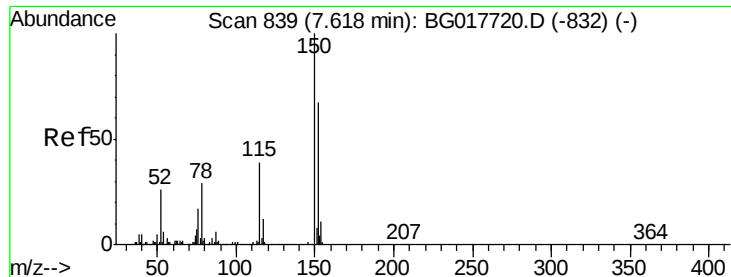
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017749.D
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Quant Time: Jun 23 02:14:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 06:05:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.10	154	45626	3.37	ng	98
46) 2-Chloronaphthalene	13.13	162	35855	3.29	ng	94
47) 2-Nitroaniline	13.34	65	11192	3.44	ng	84
48) Acenaphthylene	13.98	152	58822	3.02	ng	96
49) Dimethylphthalate	13.73	163	42711	3.05	ng	97
50) 2,6-Dinitrotoluene	13.84	165	8067	2.80	ng	# 89
51) Acenaphthene	14.33	154	36319	3.09	ng	98
52) 3-Nitroaniline	14.17	138	7851	2.33	ng	# 60
53) 2,4-Dinitrophenol	14.38	184	2381	8.75	ng	95
54) Dibenzofuran	14.66	168	54851	3.32	ng	98
55) 4-Nitrophenol	14.48	139	7858	2.95	ng	89
56) 2,4-Dinitrotoluene	14.63	165	10743	5.36	ng	# 88
57) Fluorene	15.32	166	46707	3.13	ng	90
58) 2,3,4,6-Tetrachlorophenol	14.89	232	8800	2.93	ng	# 91
59) Diethylphthalate	15.10	149	46853	3.09	ng	98
60) 4-Chlorophenyl-phenylether	15.32	204	20357	2.97	ng	92
61) 4-Nitroaniline	15.33	138	10233	2.73	ng	89
62) Azobenzene	15.61	77	54404	3.42	ng	95
64) 4,6-Dinitro-2-methylphenol	15.39	198	4237	8.81	ng	90
65) n-Nitrosodiphenylamine	15.53	169	39444	3.03	ng	94
66) 4-Bromophenyl-phenylether	16.22	248	12683	3.01	ng	98
67) Hexachlorobenzene	16.32	284	14232	3.12	ng	94
68) Atrazine	16.49	200	12924	2.72	ng	96
69) Pentachlorophenol	16.66	266	5869	2.56	ng	93
70) Phenanthrene	17.06	178	75455	3.28	ng	98
71) Anthracene	17.14	178	72448	3.15	ng	96
72) Carbazole	17.42	167	69293	3.08	ng	97
73) Di-n-butylphthalate	18.00	149	89954	3.20	ng	98
74) Fluoranthene	19.08	202	87407	3.33	ng	95
77) Pyrene	19.45	202	91190	3.22	ng	# 90
79) Butylbenzylphthalate	20.36	149	38425	2.87	ng	96
80) Benzo(a)anthracene	21.20	228	83073	3.25	ng	96
81) 3,3'-Dichlorobenzidine	21.13	252	20015	2.10	ng	99
82) Chrysene	21.24	228	75707	3.22	ng	91
83) Bis(2-ethylhexyl)phthalate	21.15	149	58186	3.13	ng	# 91
84) Di-n-octyl phthalate	22.03	149	87206	2.86	ng	96
85) Indeno(1,2,3-cd)pyrene	25.69	276	79911	2.84	ng	97
87) Benzo(b)fluoranthene	22.77	252	78827	3.19	ng	97
88) Benzo(k)fluoranthene	22.81	252	70856	3.00	ng	99
89) Benzo(a)pyrene	23.34	252	70935	3.12	ng	96
90) Dibenzo(a,h)anthracene	25.70	278	65463	2.85	ng	# 93
91) Benzo(g,h,i)perylene	26.38	276	66181	2.97	ng	95

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

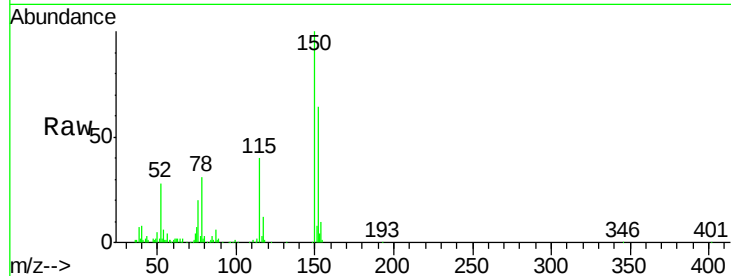


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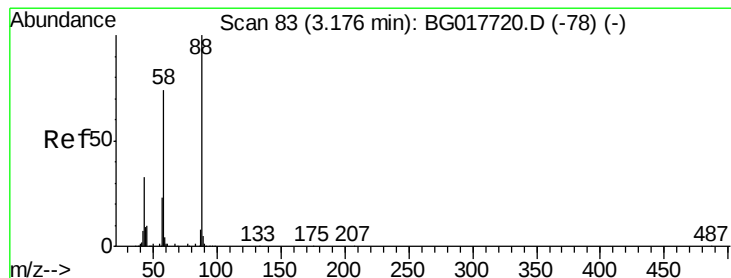
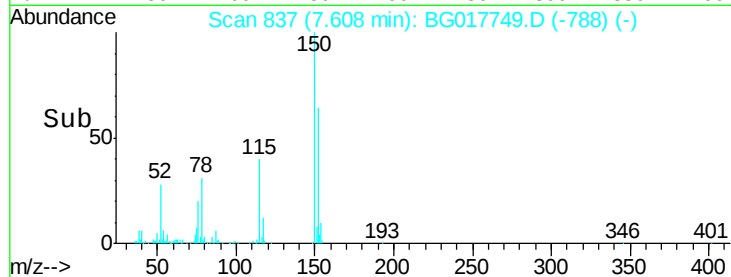
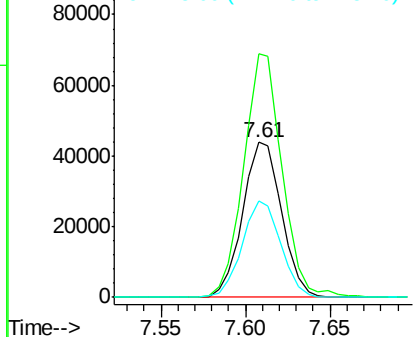
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 70177
Ion Ratio Lower Upper
152 100
150 157.3 119.1 178.7
115 62.5 47.0 70.4



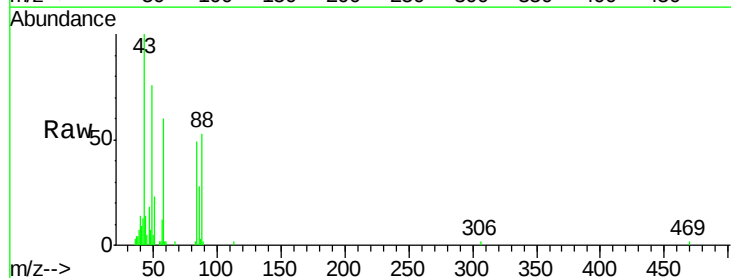
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



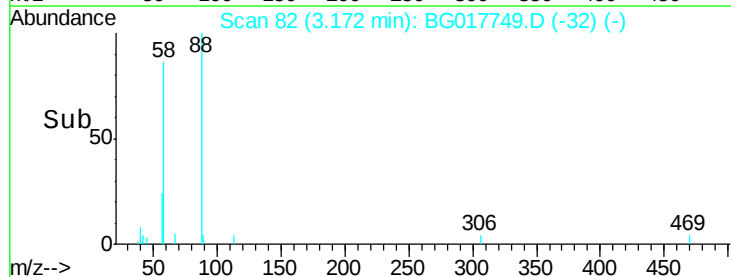
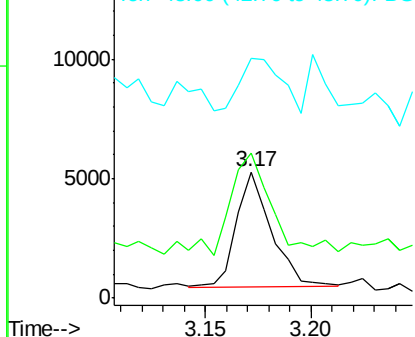
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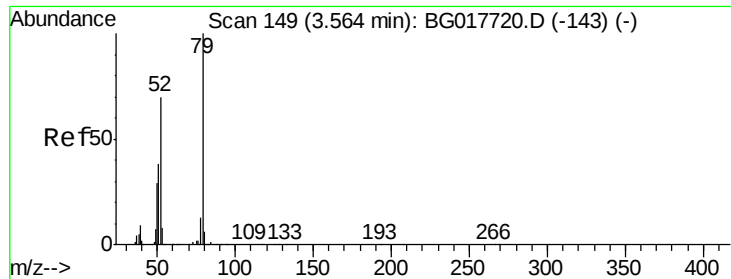
1,4-Dioxane
Concen: 3.19 ng
RT: 3.17 min Scan# 82
Delta R.T. -0.00 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion: 88 Resp: 5565
Ion Ratio Lower Upper
88 100
58 98.0 55.8 83.8#
43 57.4 27.4 41.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 3.29 ng

RT: 3.56 min Scan# 148

Delta R.T. -0.00 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

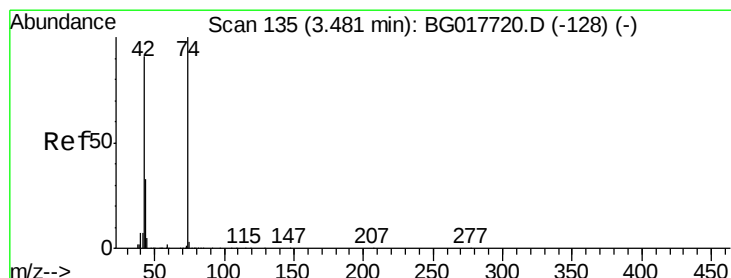
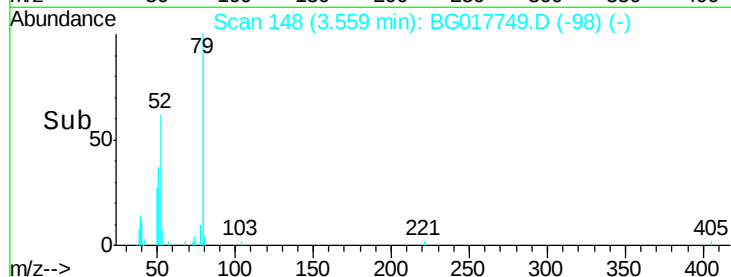
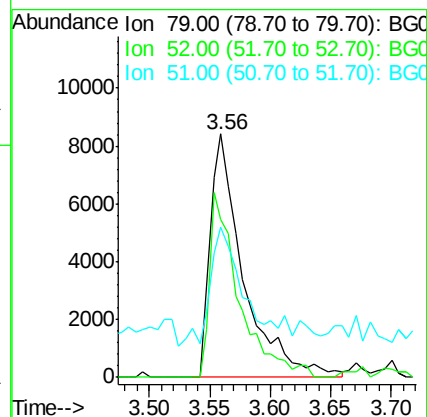
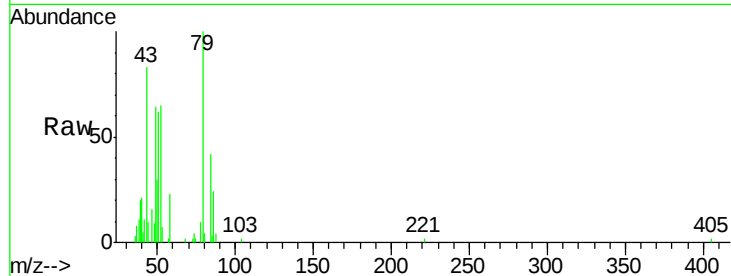
Tgt Ion: 79 Resp: 15933

Ion Ratio Lower Upper

79 100

52 64.8 55.7 83.5

51 61.7 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 2.97 ng

RT: 3.48 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

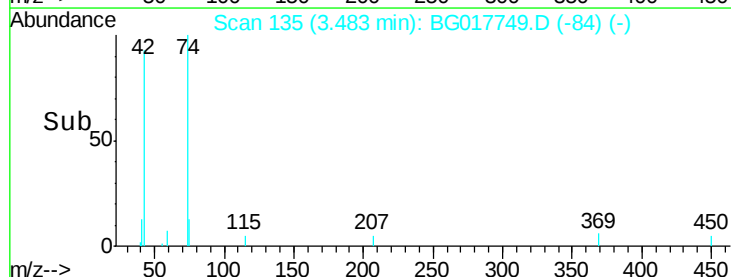
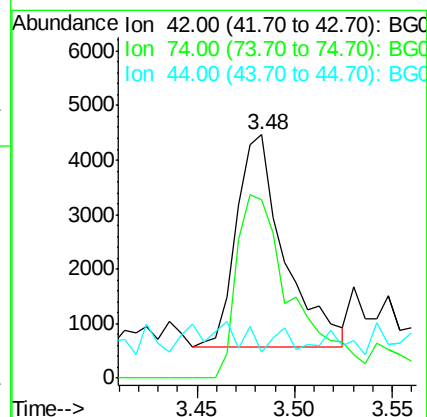
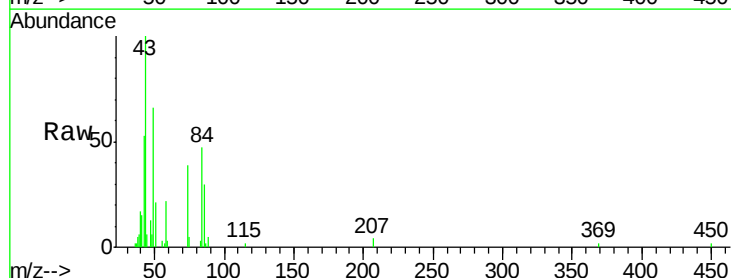
Tgt Ion: 42 Resp: 6549

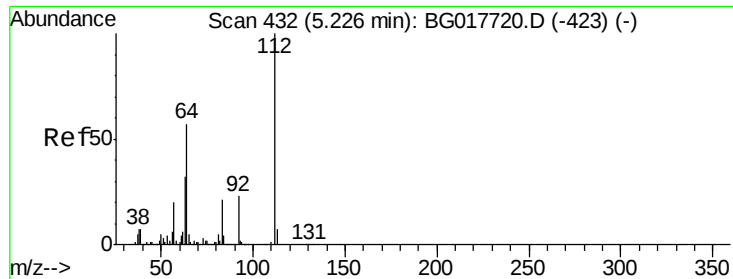
Ion Ratio Lower Upper

42 100

74 73.3 87.4 131.2#

44 10.9 6.4 9.6#





#5

2-Fluorophenol

Concen: 117.34 ng

RT: 5.22 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

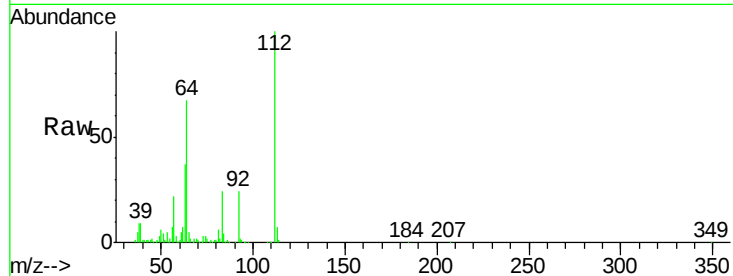
Tgt Ion:112 Resp: 469232

Ion Ratio Lower Upper

112 100

64 66.7 45.4 68.0

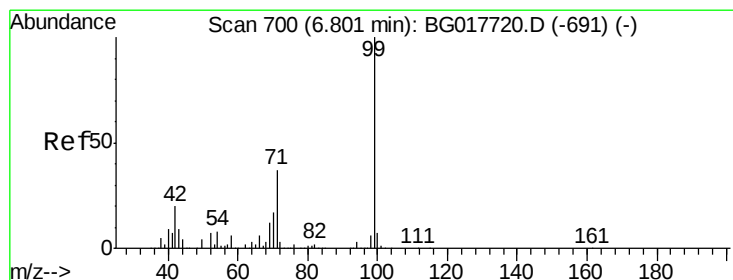
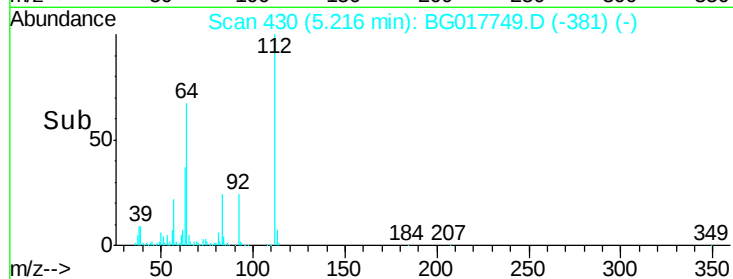
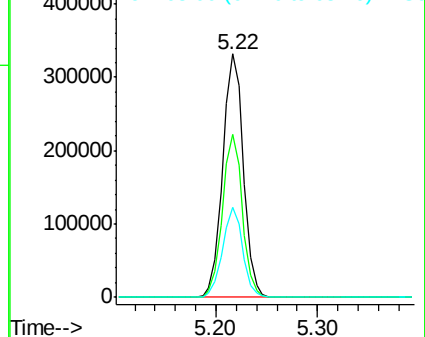
63 37.0 25.3 37.9



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



#7

Phenol-d6

Concen: 113.20 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

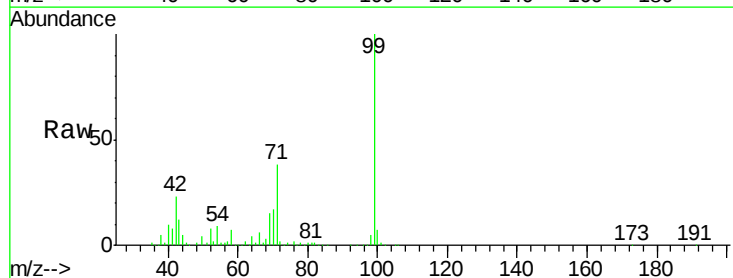
Tgt Ion: 99 Resp: 636233

Ion Ratio Lower Upper

99 100

42 23.1 16.2 24.4

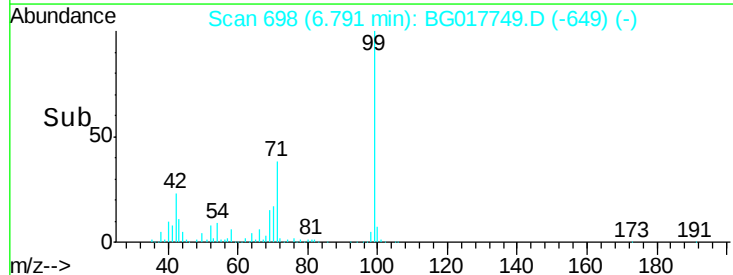
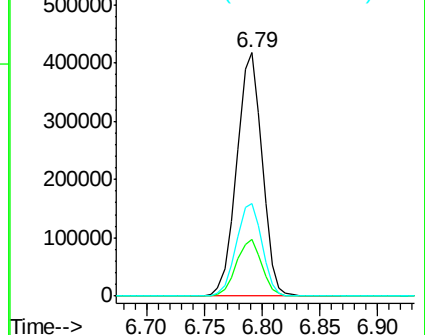
71 38.2 29.5 44.3

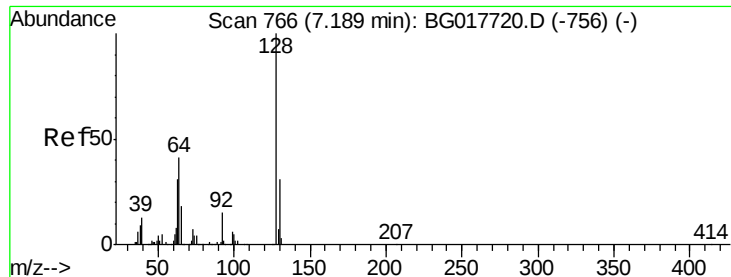


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 3.46 ng

RT: 7.18 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

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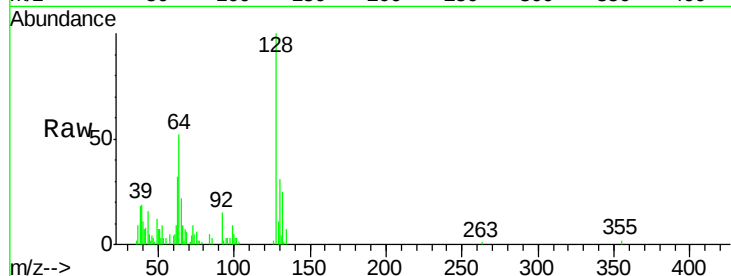
Tgt Ion:128 Resp: 17319

Ion Ratio Lower Upper

128 100

130 31.3 11.1 51.1

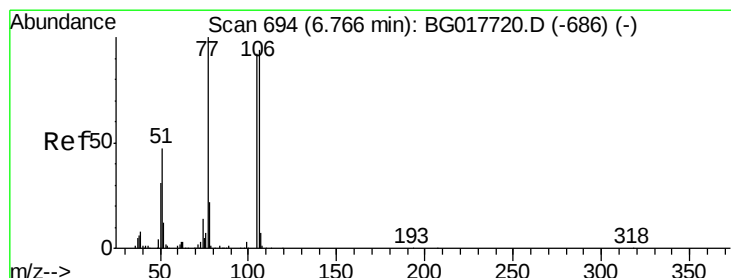
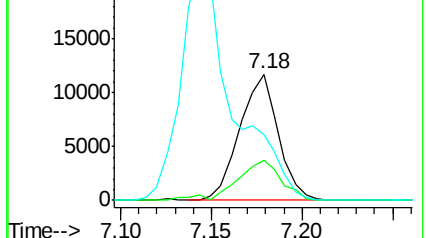
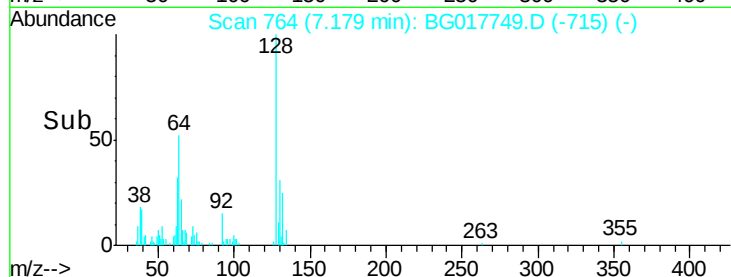
64 52.4 21.4 61.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 4.76 ng

RT: 6.76 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

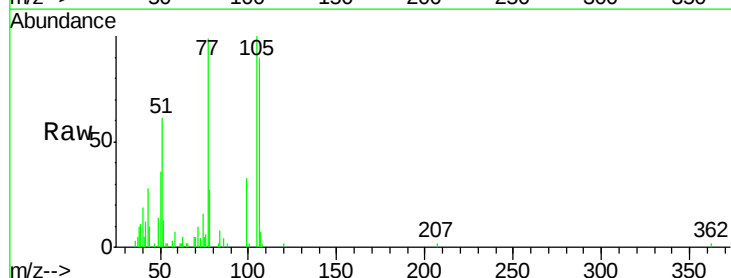
Tgt Ion: 77 Resp: 15496

Ion Ratio Lower Upper

77 100

105 101.1 71.8 111.8

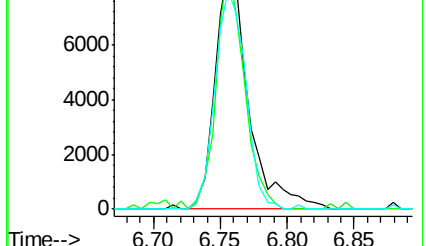
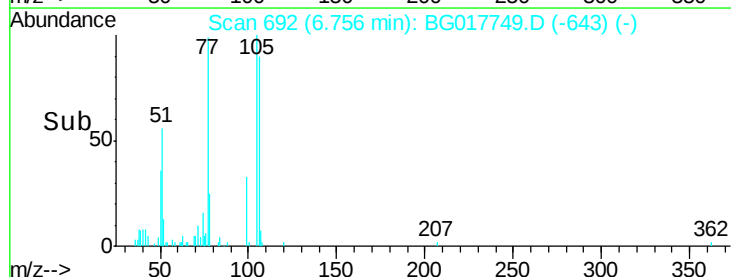
106 91.0 74.5 114.5

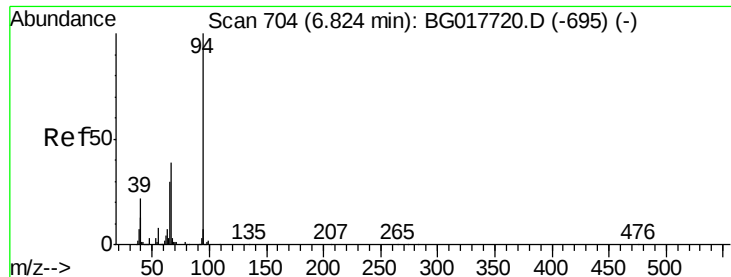


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.77 ng

RT: 6.81 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

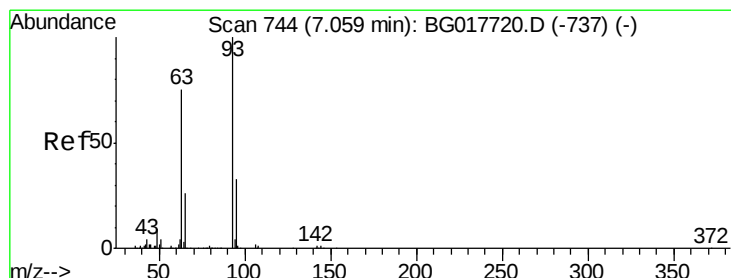
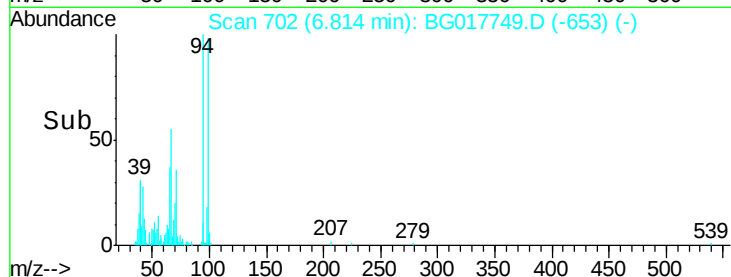
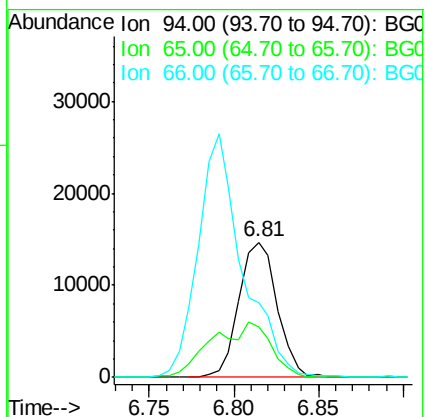
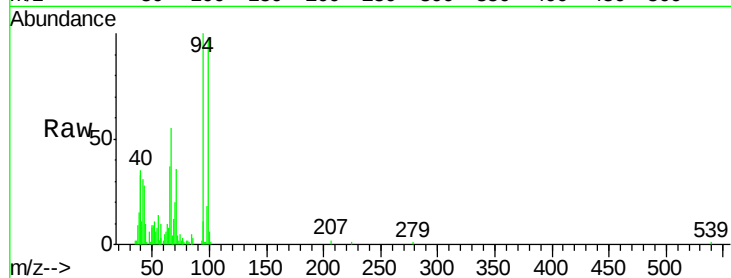
Tgt Ion: 94 Resp: 23083

Ion Ratio Lower Upper

94 100

65 37.0 9.9 49.9

66 54.9 19.4 59.4



#11

bis(2-Chloroethyl)ether

Concen: 3.45 ng

RT: 7.04 min Scan# 741

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

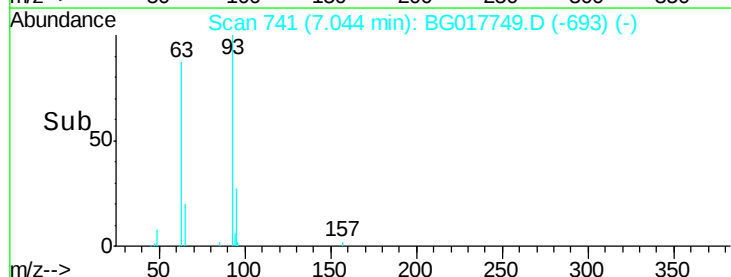
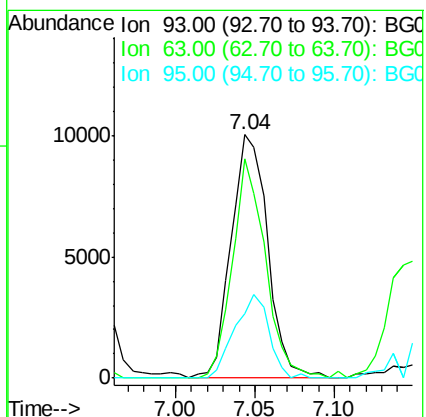
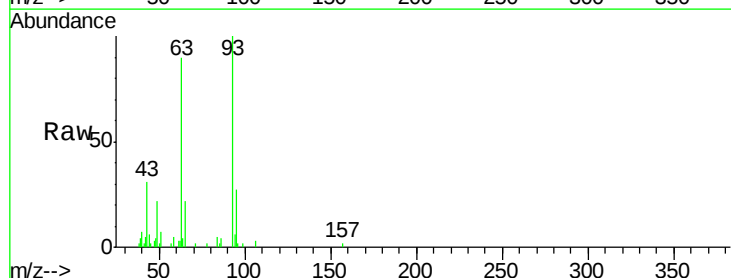
Tgt Ion: 93 Resp: 16030

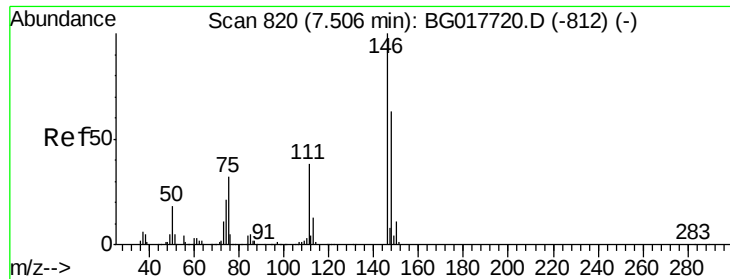
Ion Ratio Lower Upper

93 100

63 89.9 54.7 94.7

95 26.7 13.2 53.2

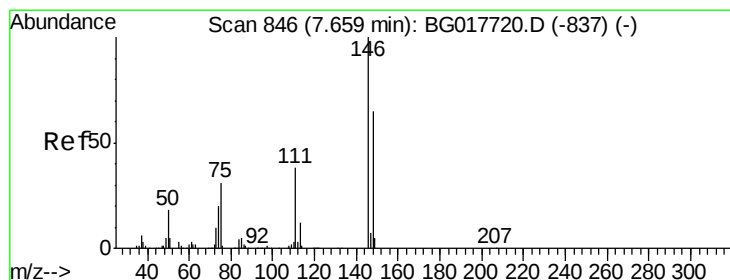
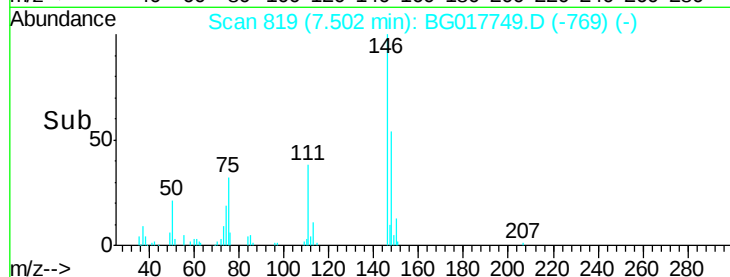
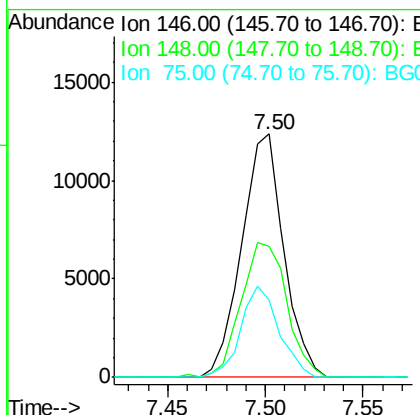
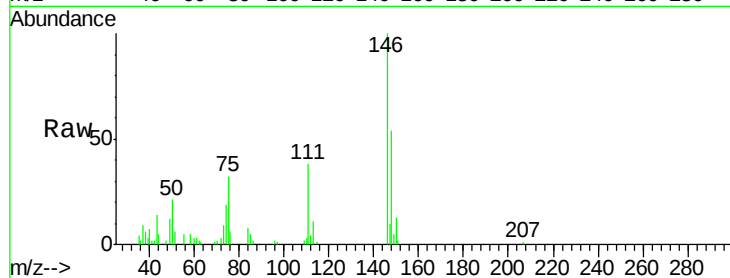




#12
 1,3-Dichlorobenzene
 Concen: 3.33 ng
 RT: 7.50 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

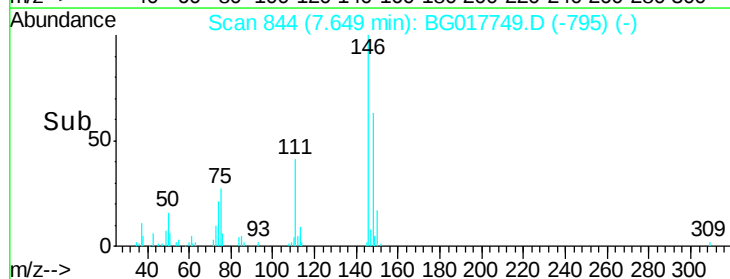
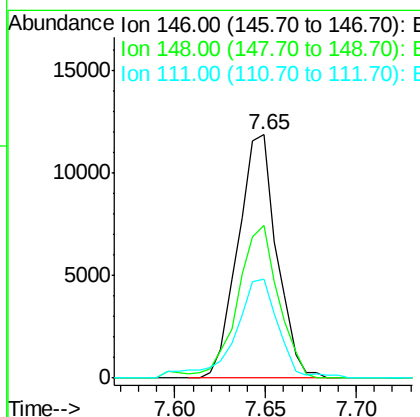
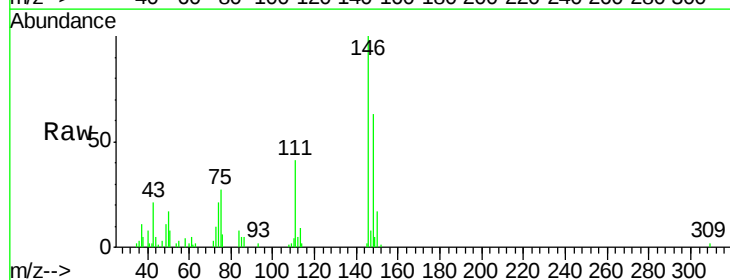
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

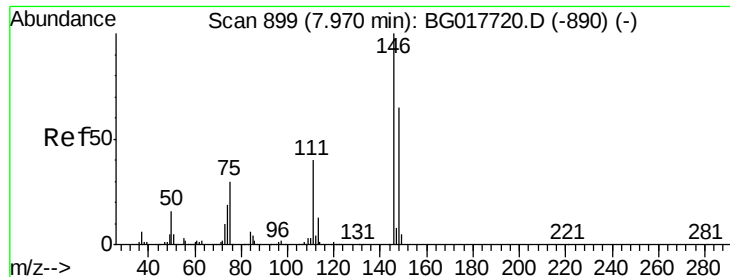
Tgt Ion:146 Resp: 18530
 Ion Ratio Lower Upper
 146 100
 148 53.8 50.8 76.2
 75 31.8 25.8 38.6



#13
 1,4-Dichlorobenzene
 Concen: 3.08 ng
 RT: 7.65 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion:146 Resp: 17684
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.8 77.6
 111 40.7 31.0 46.4





#14

1,2-Dichlorobenzene

Concen: 3.20 ng

RT: 7.95 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

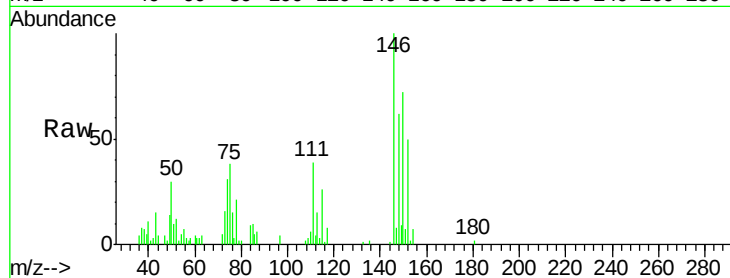
Tgt Ion:146 Resp: 17360

Ion Ratio Lower Upper

146 100

148 62.0 52.2 78.4

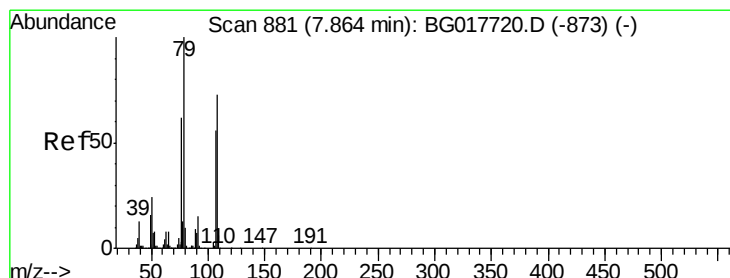
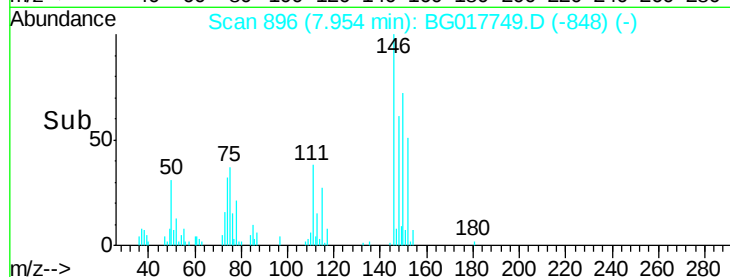
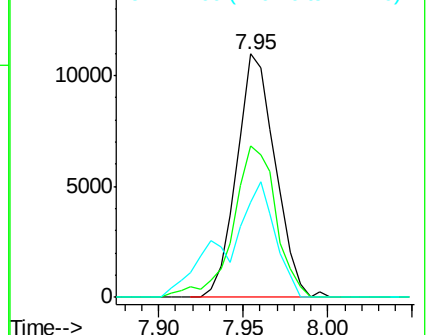
111 38.9 32.3 48.5



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: 3.06 ng

RT: 7.85 min Scan# 878

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

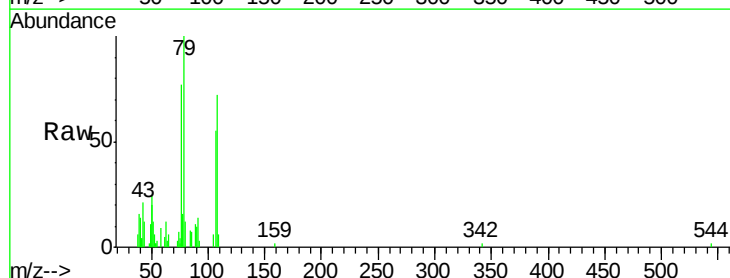
Tgt Ion: 79 Resp: 14814

Ion Ratio Lower Upper

79 100

108 72.2 58.4 87.6

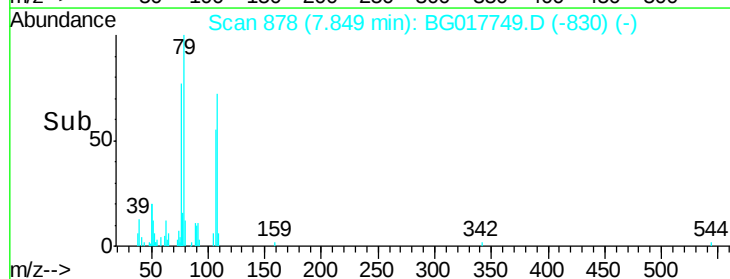
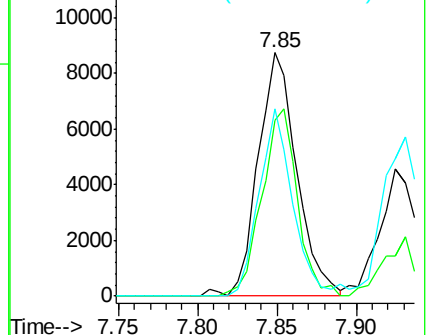
77 76.9 49.9 74.9#

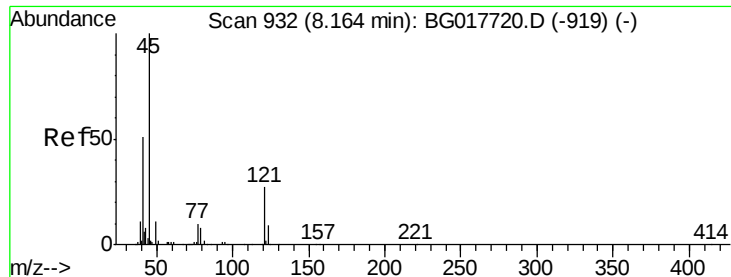


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

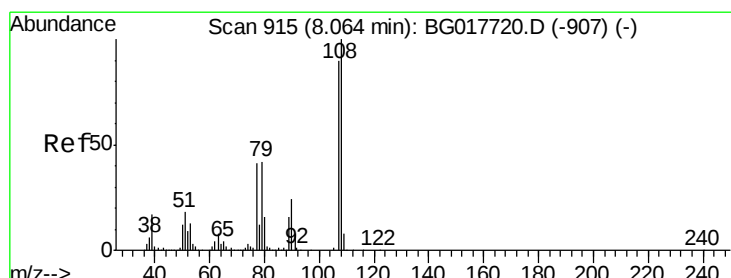
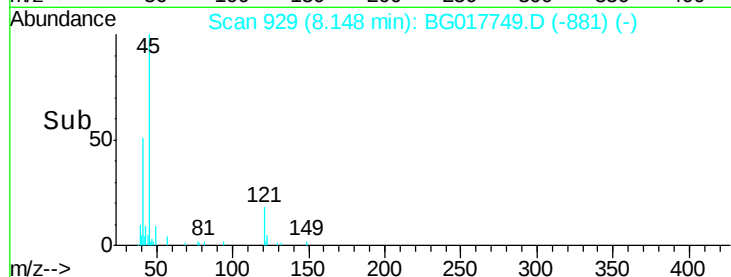
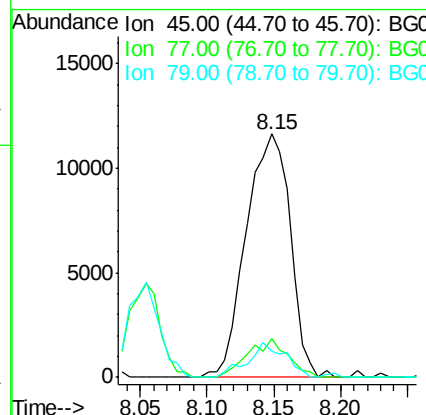
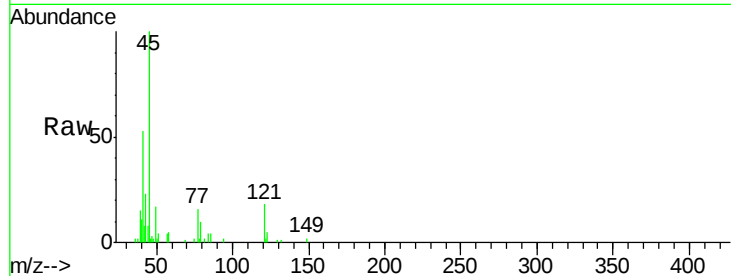




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 3.75 ng
 RT: 8.15 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

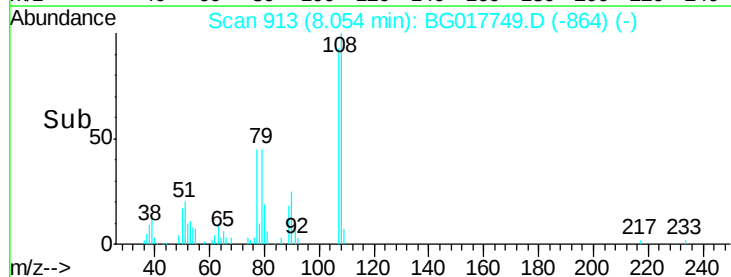
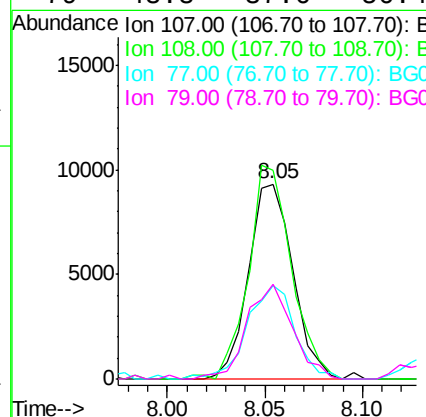
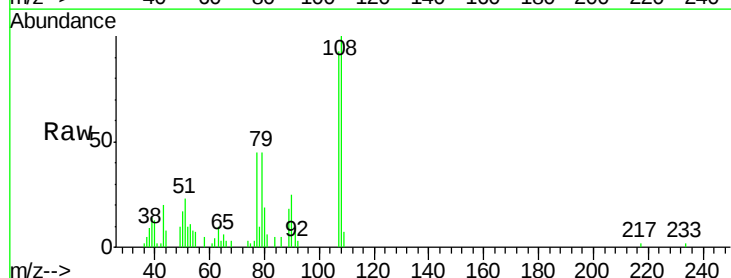
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

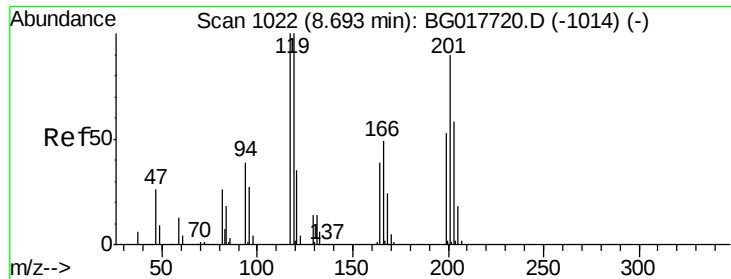
Tgt Ion:	45	Resp:	26612
Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	33.9
79	10.5	0.0	31.4



#17
 2-Methylphenol
 Concen: 3.22 ng
 RT: 8.05 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion:	107	Resp:	14684
Ion	Ratio	Lower	Upper
107	100		
108	107.3	89.3	133.9
77	48.2	36.9	55.3
79	48.8	37.6	56.4

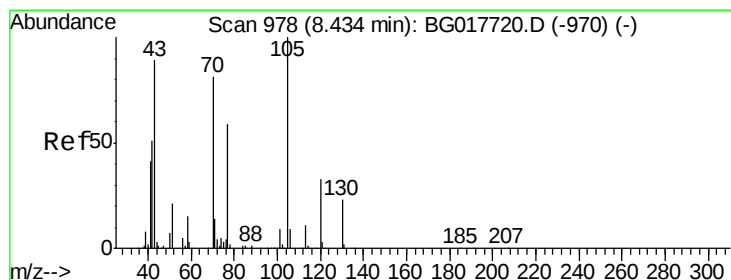
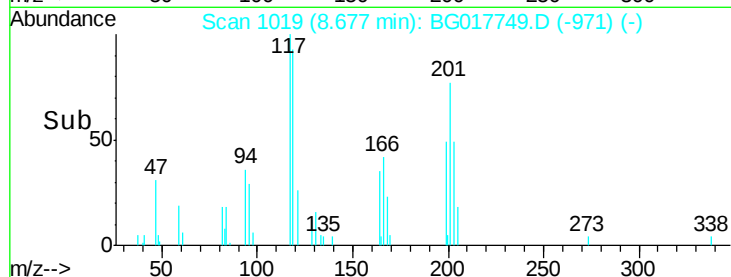
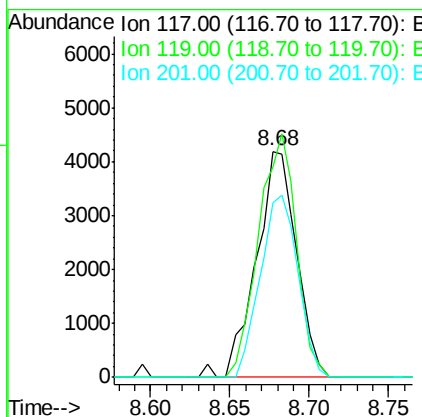
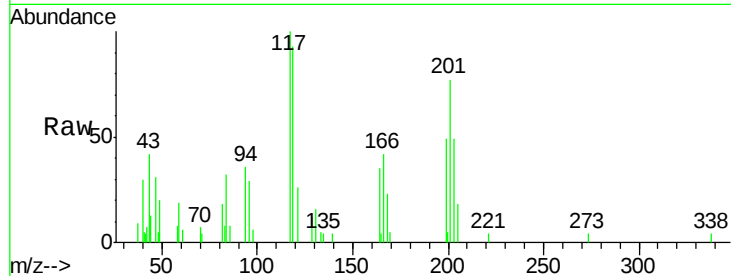




#18
Hexachloroethane
Concen: 3.36 ng
RT: 8.68 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

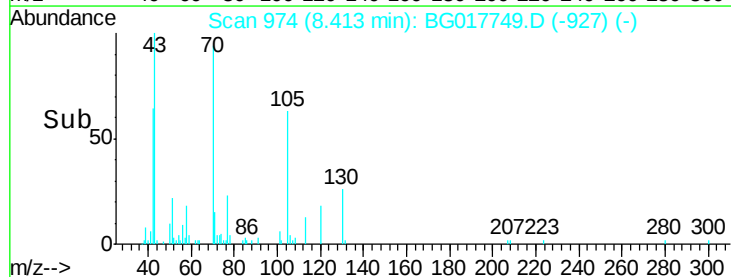
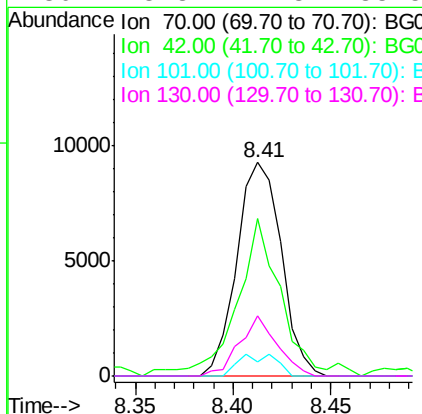
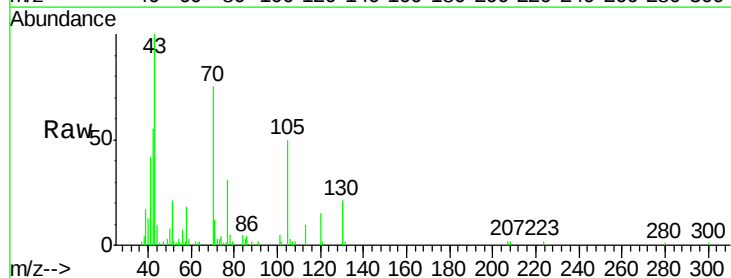
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

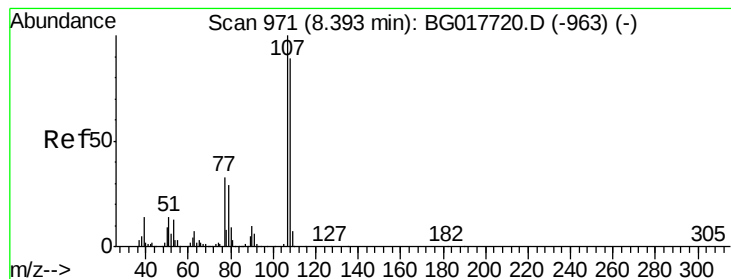
Tgt Ion: 117 Resp: 7408
Ion Ratio Lower Upper
117 100
119 93.1 80.1 120.1
201 77.0 71.9 107.9



#19
n-Nitroso-di-n-propylamine
Concen: 3.09 ng
RT: 8.41 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion: 70 Resp: 14612
Ion Ratio Lower Upper
70 100
42 73.8 50.8 76.2
101 6.7 8.7 13.1#
130 28.3 22.3 33.5





#20

3+4-Methylphenols

Concen: 3.05 ng

RT: 8.38 min Scan# 968

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

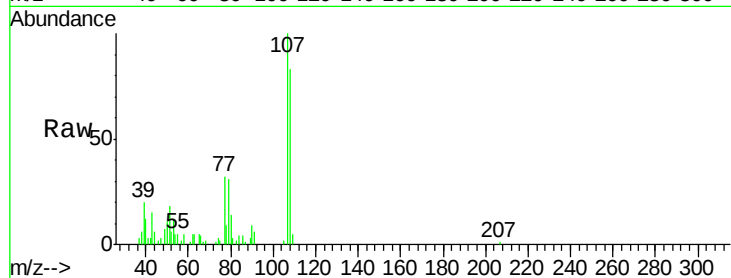
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	107	Resp:	18767
Ion	Ratio	Lower	Upper
107	100		
108	82.5	69.6	109.6
77	32.5	13.0	53.0
79	30.8	9.7	49.7



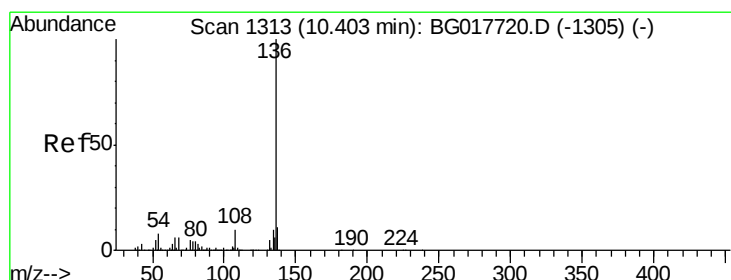
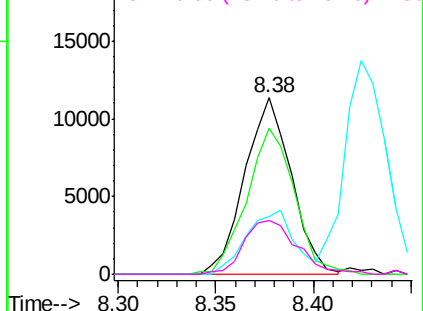
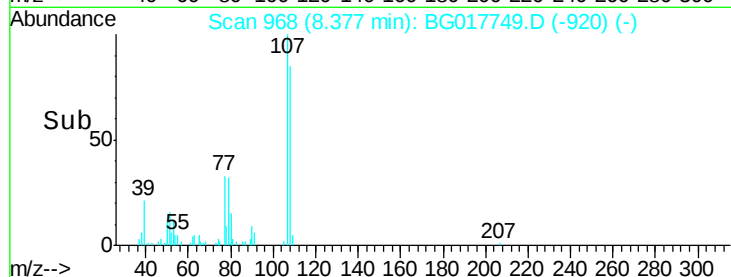
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

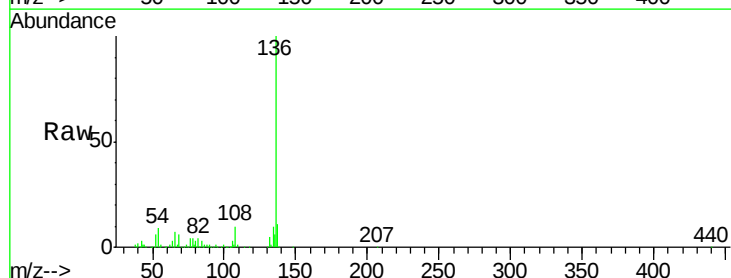
RT: 10.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Tgt Ion:	136	Resp:	306546
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.0	6.6	9.8
68	6.2	5.1	7.7



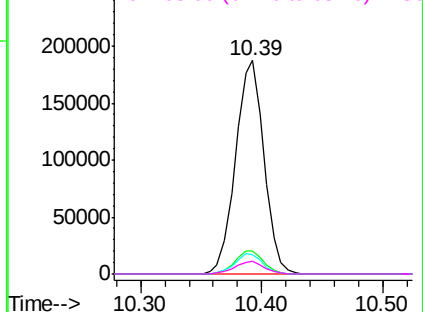
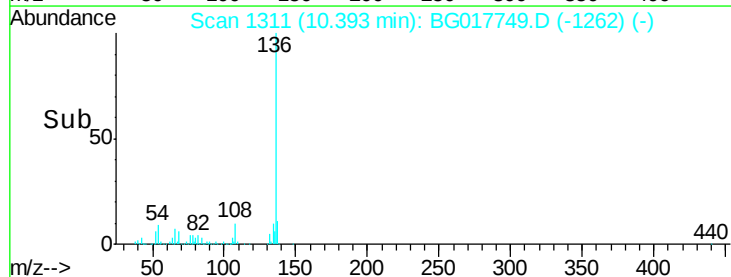
Abundance

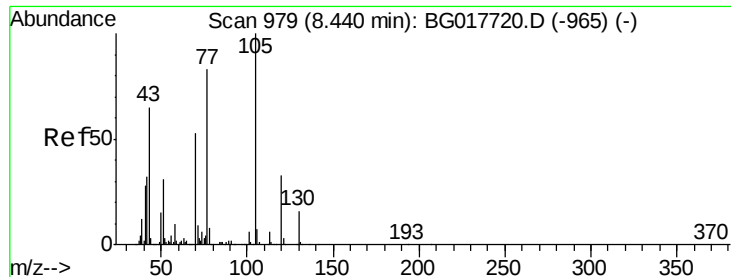
Ion 136.00 (135.70 to 136.70): E

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

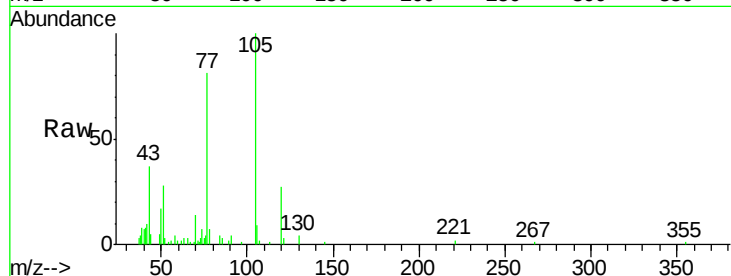




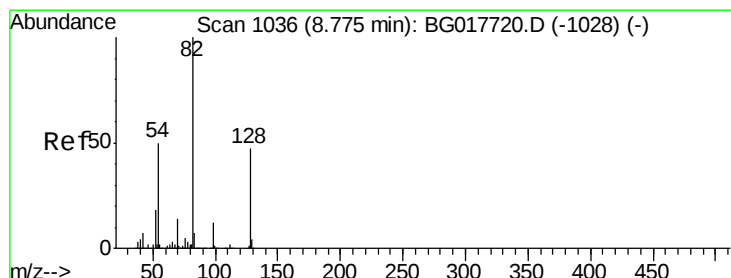
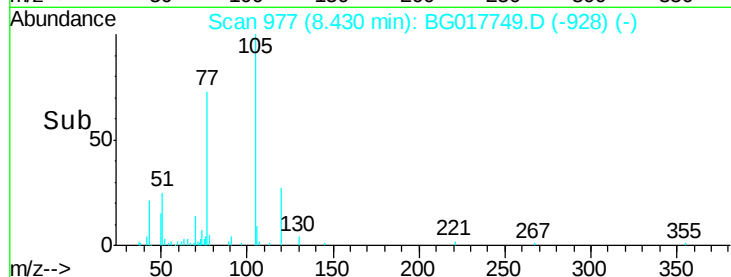
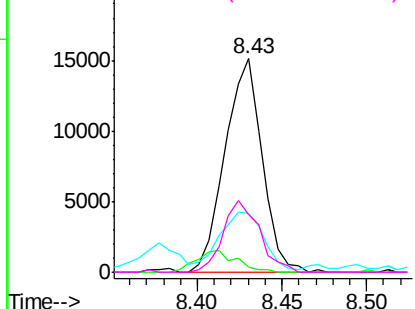
#22
Acetophenone
Concen: 3.34 ng
RT: 8.43 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 105 Resp: 23191
Ion Ratio Lower Upper
105 100
71 2.1 7.7 11.5#
51 27.8 24.9 37.3
120 26.7 26.2 39.4

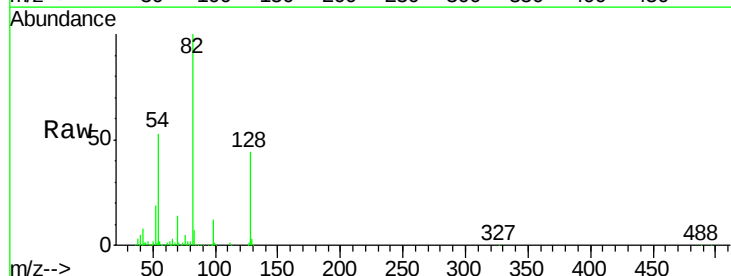


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

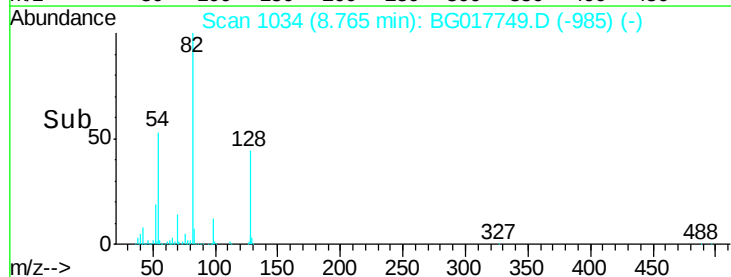
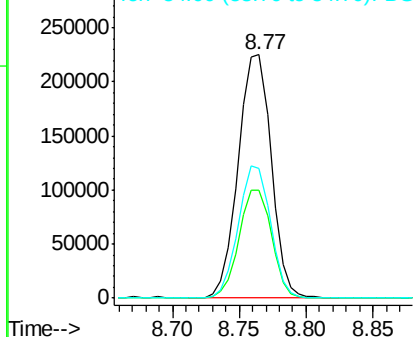


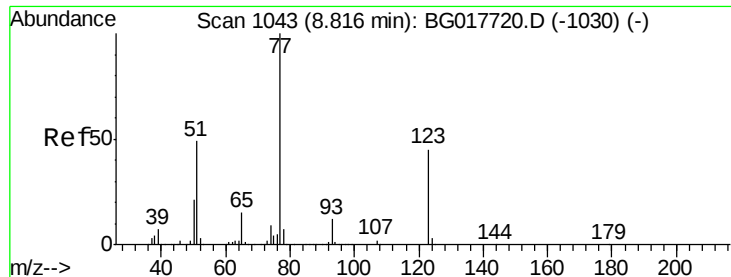
#23
Nitrobenzene-d5
Concen: 72.61 ng
RT: 8.77 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion: 82 Resp: 386960
Ion Ratio Lower Upper
82 100
128 44.1 37.8 56.6
54 53.5 39.9 59.9



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

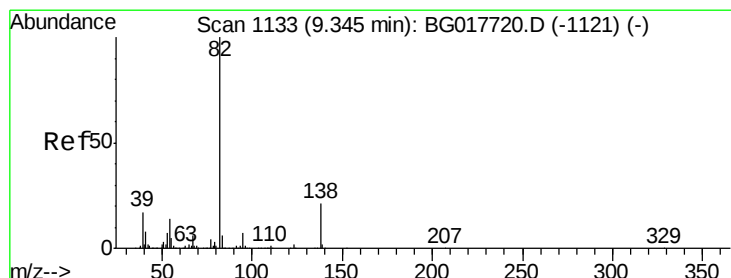
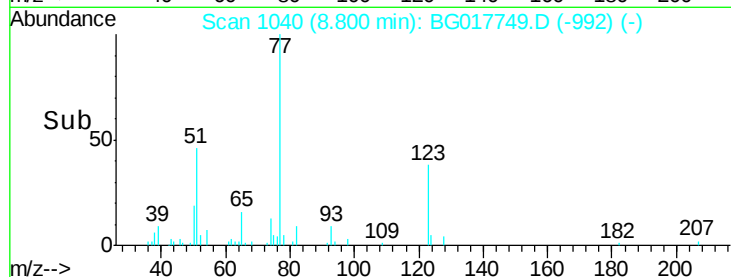
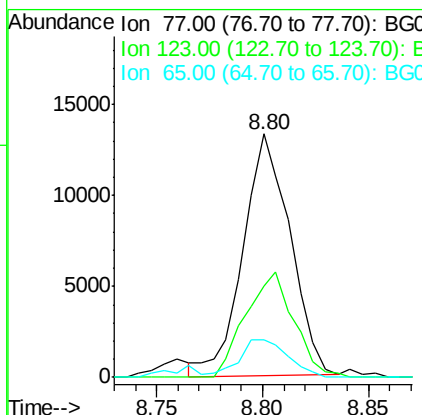
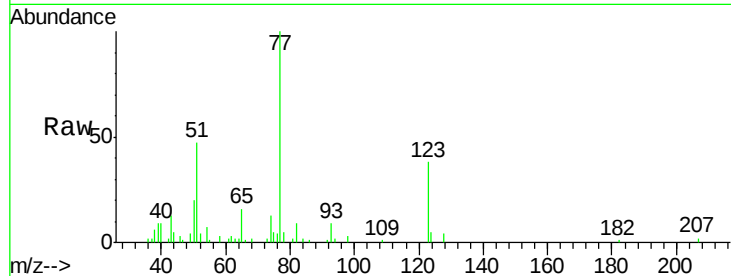




#24
 Nitrobenzene
 Concen: 3.59 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

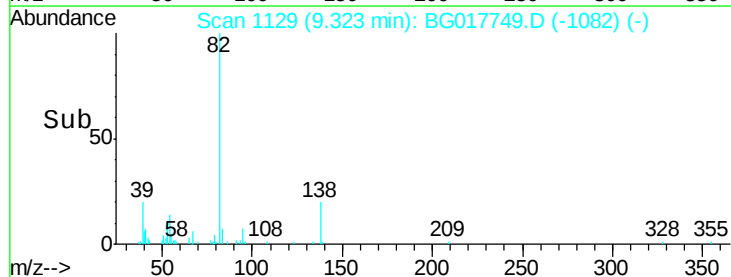
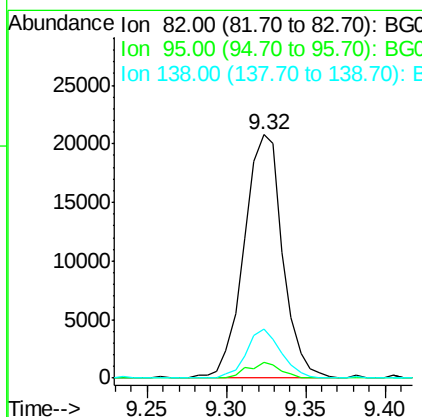
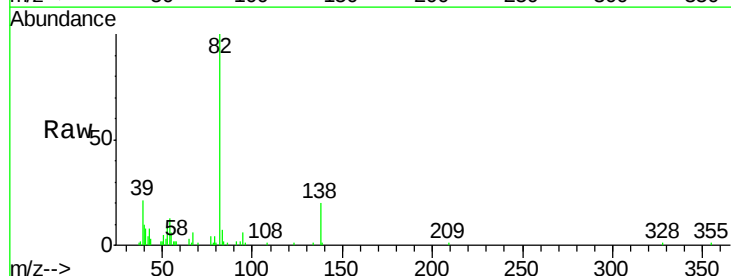
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

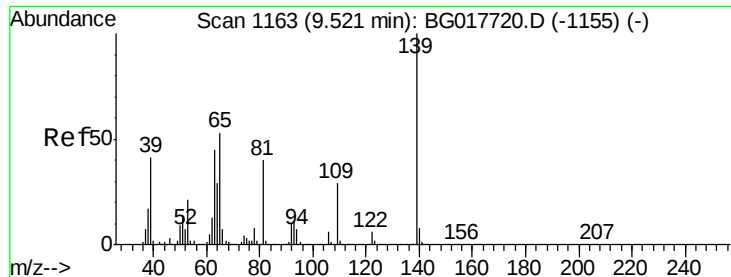
Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.6	36.2	54.2
65	15.5	11.7	17.5



#25
 Isophorone
 Concen: 2.96 ng
 RT: 9.32 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.8	8.8
138	20.2	17.0	25.6





#26

2-Nitrophenol

Concen: 2.90 ng

RT: 9.51 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

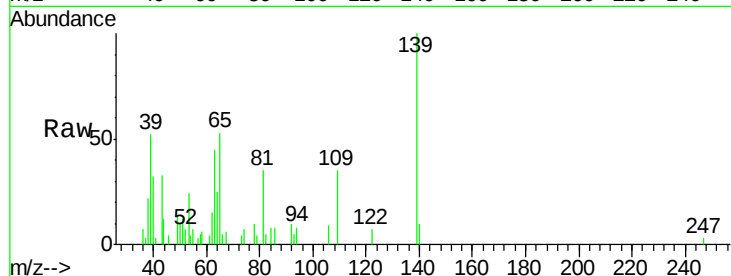
Tgt Ion:139 Resp: 7581

Ion Ratio Lower Upper

139 100

109 35.3 23.0 34.4#

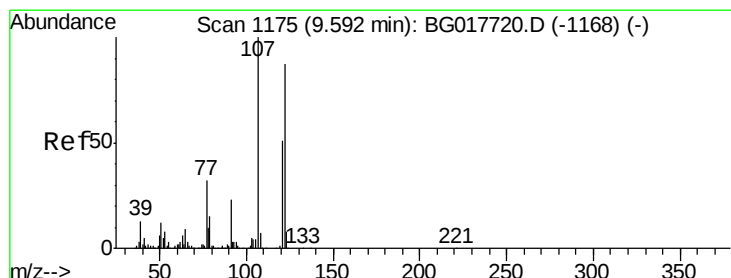
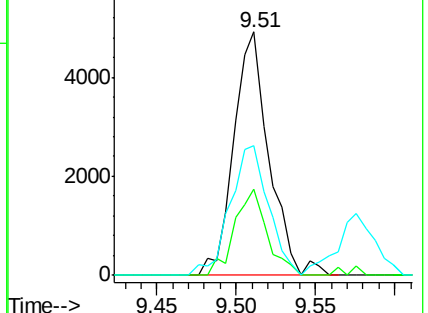
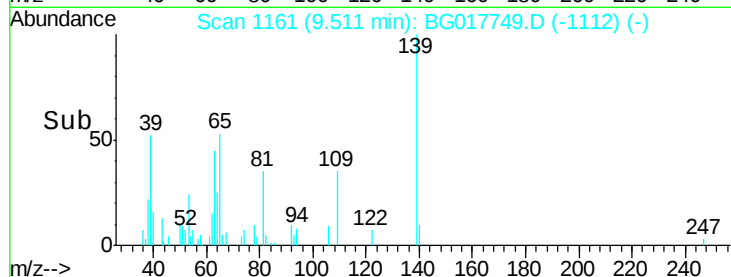
65 53.4 42.0 63.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#27

2,4-Dimethylphenol

Concen: 3.25 ng

RT: 9.58 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

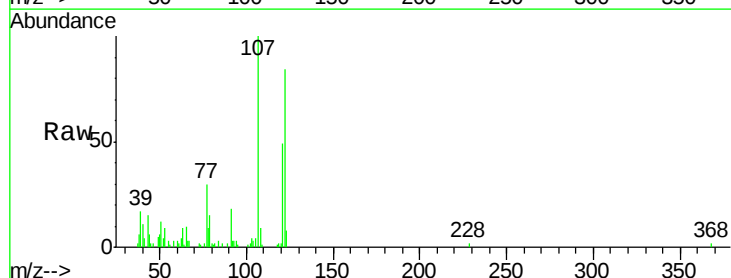
Tgt Ion:122 Resp: 16103

Ion Ratio Lower Upper

122 100

107 119.5 92.2 138.2

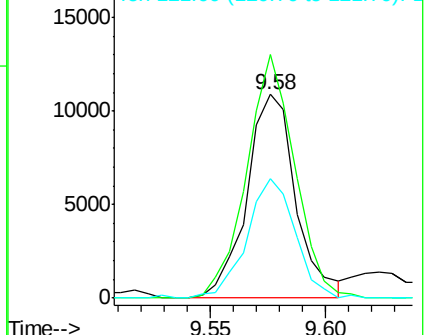
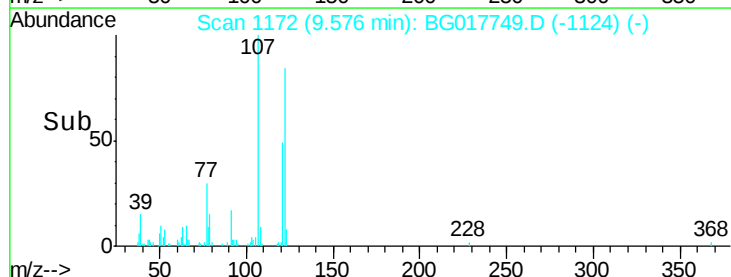
121 58.5 46.5 69.7

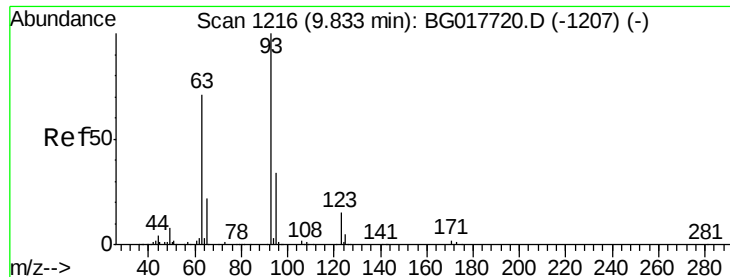


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

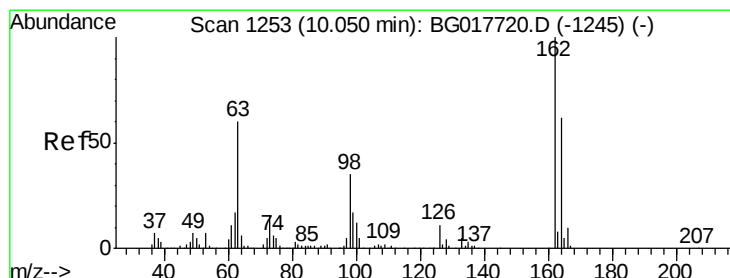
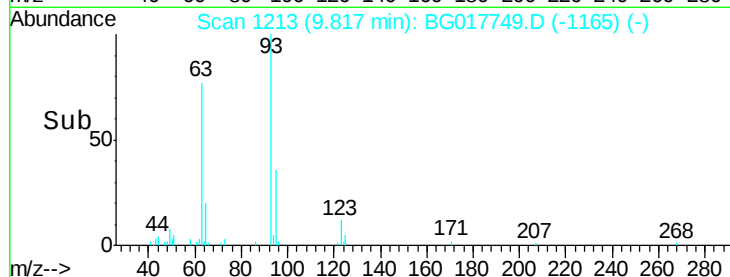
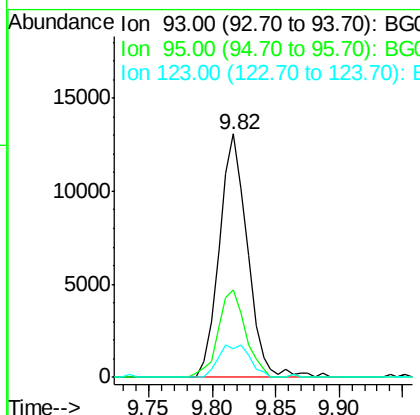
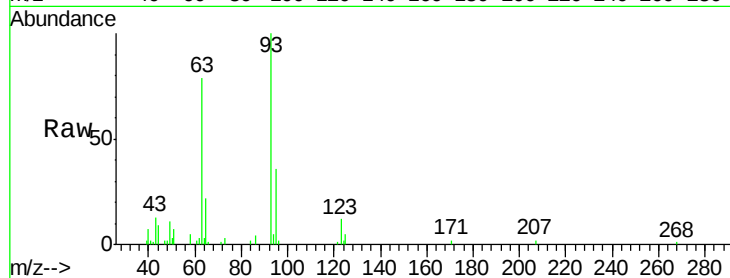




#28
bis(2-Chloroethoxy)methane
Concen: 3.37 ng
RT: 9.82 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

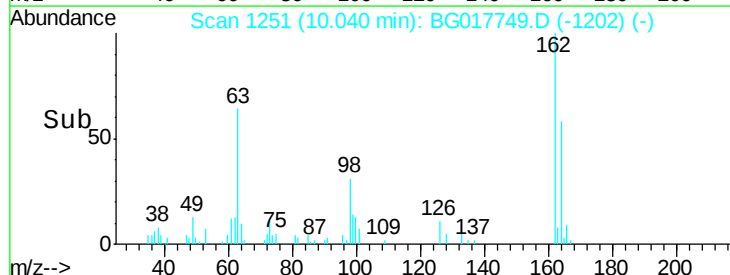
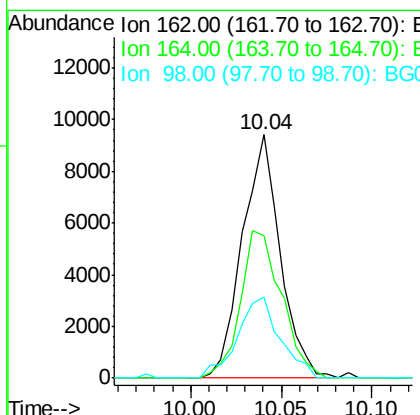
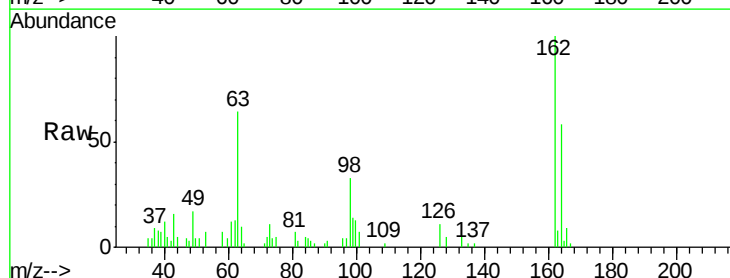
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

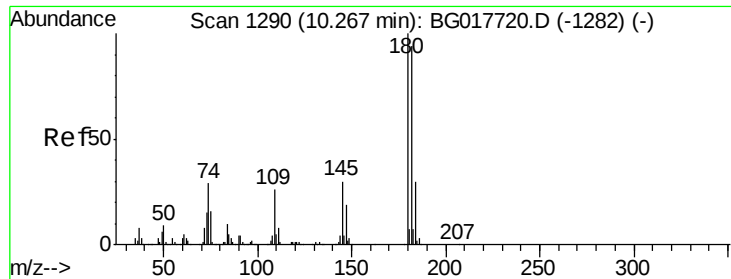
Tgt Ion: 93 Resp: 20162
Ion Ratio Lower Upper
93 100
95 36.1 26.9 40.3
123 11.8 12.0 18.0#



#29
2,4-Dichlorophenol
Concen: 3.14 ng
RT: 10.04 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion: 162 Resp: 13710
Ion Ratio Lower Upper
162 100
164 58.4 42.5 82.5
98 33.4 15.1 55.1

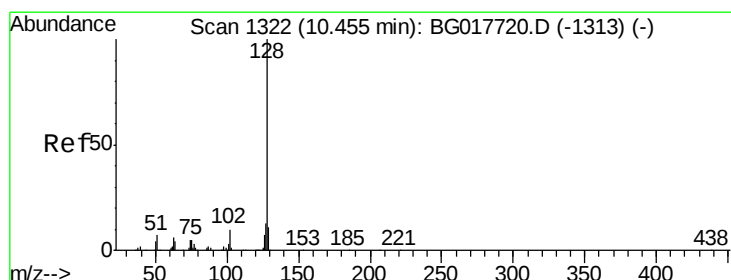
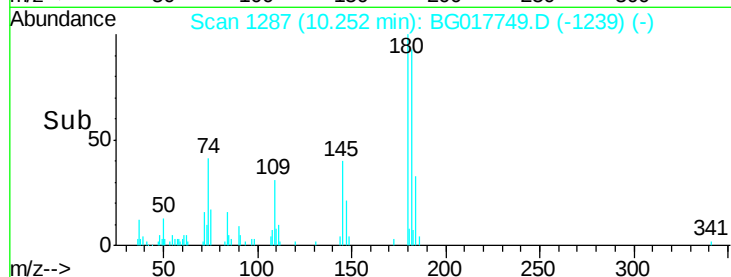
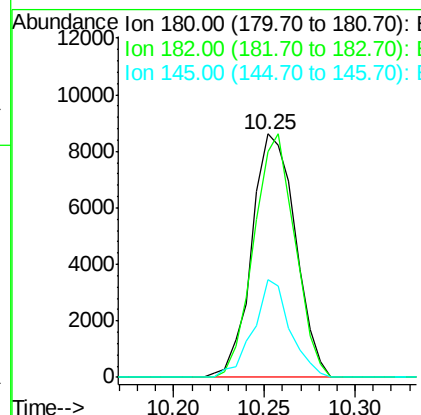
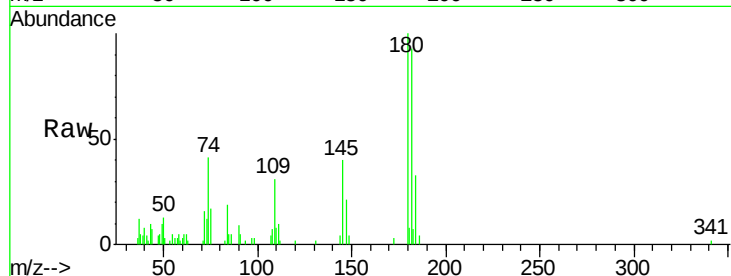




#30
 1,2,4-Trichlorobenzene
 Concen: 2.94 ng
 RT: 10.25 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

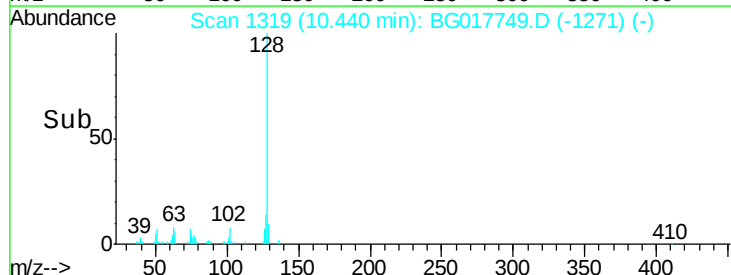
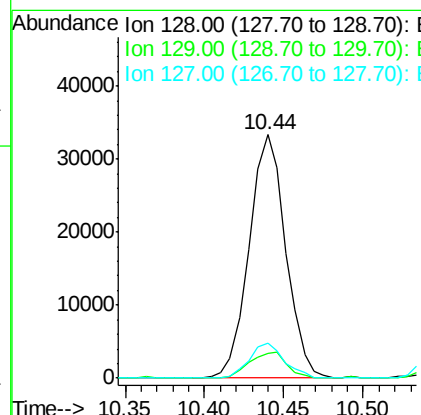
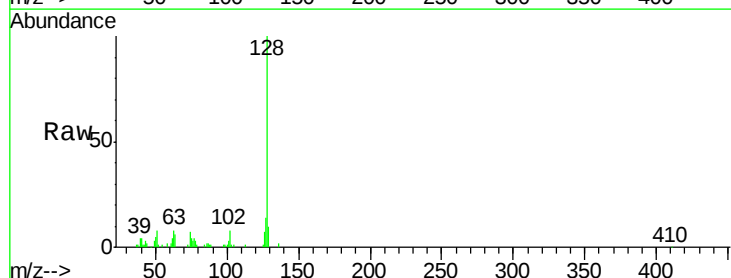
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

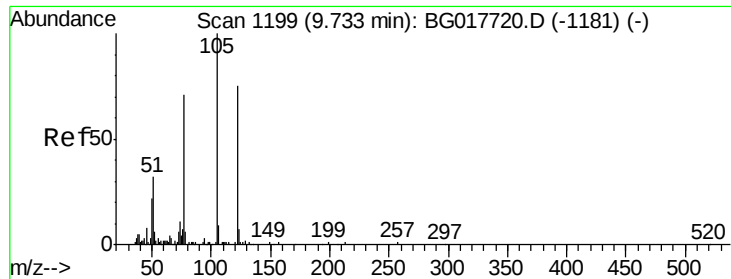
Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	75.2	112.8
145	39.9	24.1	36.1



#31
 Naphthalene
 Concen: 3.22 ng
 RT: 10.44 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.0	13.6
127	14.2	10.7	16.1





#32

Benzoic acid

Concen: 8.54 ng

RT: 9.62 min Scan# 1180

Delta R.T. -0.11 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

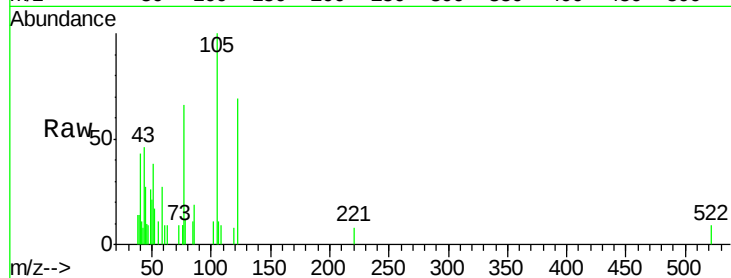
Tgt Ion:122 Resp: 2488

Ion Ratio Lower Upper

122 100

105 145.7 111.3 151.3

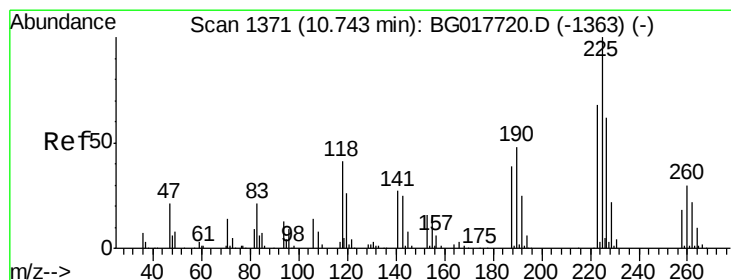
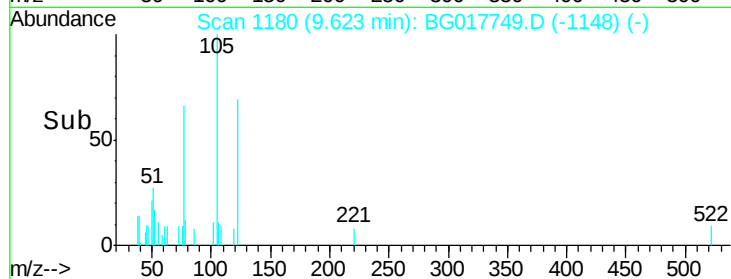
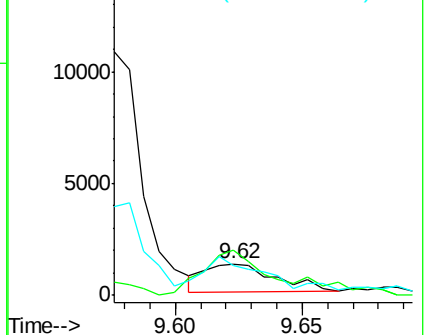
77 96.0 75.2 115.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#34

Hexachlorobutadiene

Concen: 2.96 ng

RT: 10.73 min Scan# 1368

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

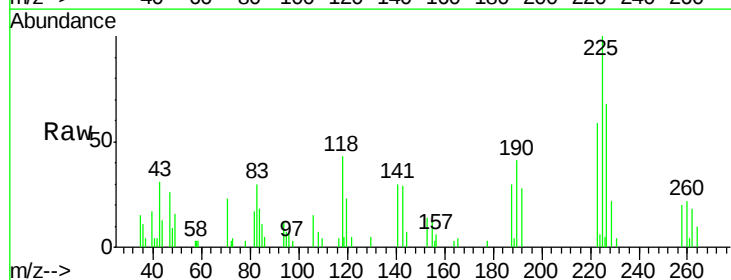
Tgt Ion:225 Resp: 8292

Ion Ratio Lower Upper

225 100

223 59.5 54.3 81.5

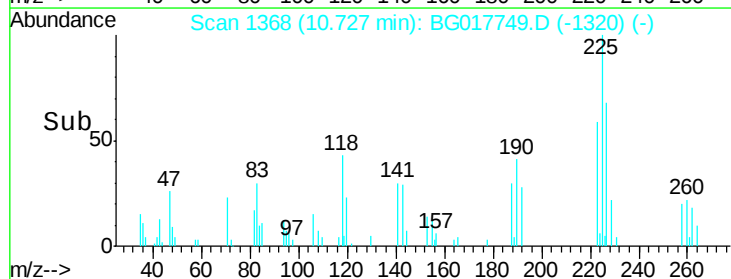
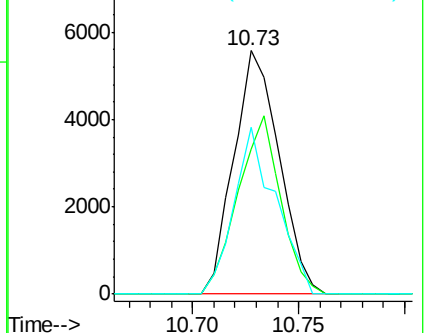
227 68.3 49.4 74.0

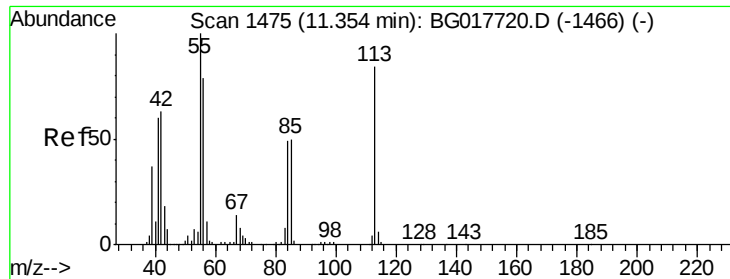


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

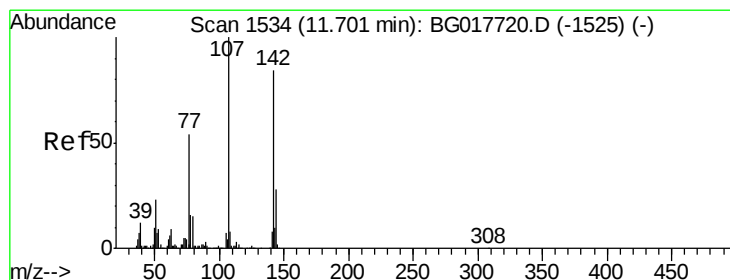
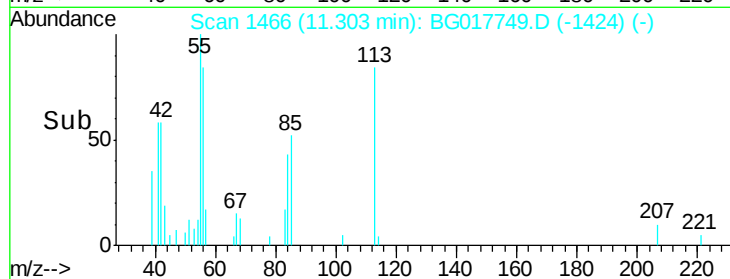
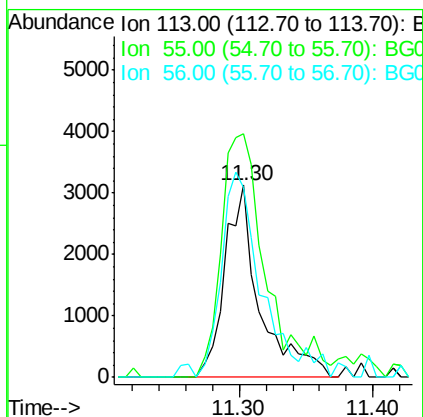
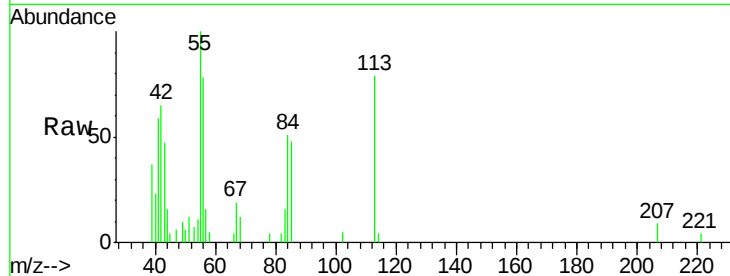




#35
 Caprolactam
 Concen: 2.36 ng
 RT: 11.30 min Scan# 1466
 Delta R.T. -0.05 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

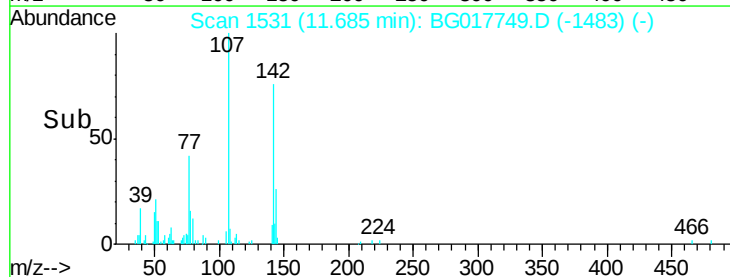
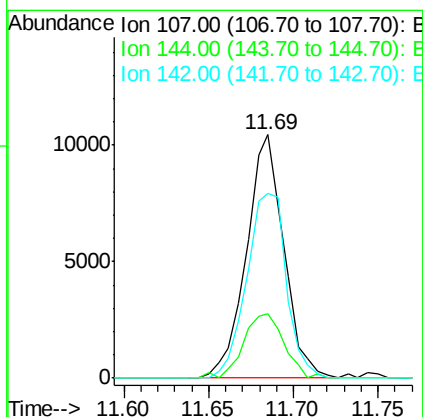
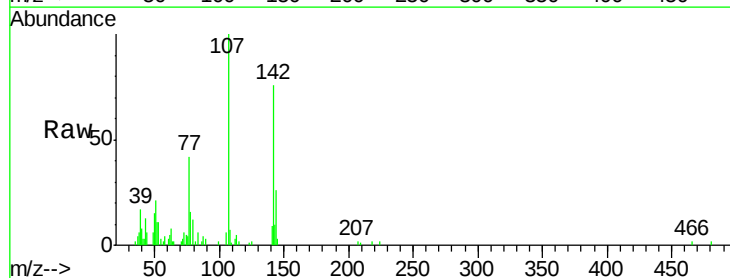
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

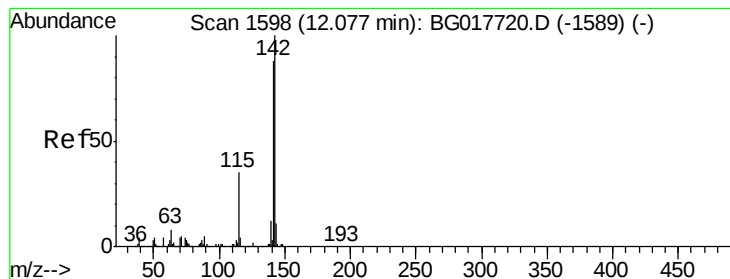
Tgt Ion:113 Resp: 5723
 Ion Ratio Lower Upper
 113 100
 55 126.8 100.8 140.8
 56 99.2 75.5 115.5



#36
 4-Chloro-3-methylphenol
 Concen: 2.99 ng
 RT: 11.69 min Scan# 1531
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion:107 Resp: 16114
 Ion Ratio Lower Upper
 107 100
 144 26.4 22.2 33.4
 142 75.7 67.1 100.7





#37

2-Methylnaphthalene

Concen: 3.09 ng

RT: 12.06 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

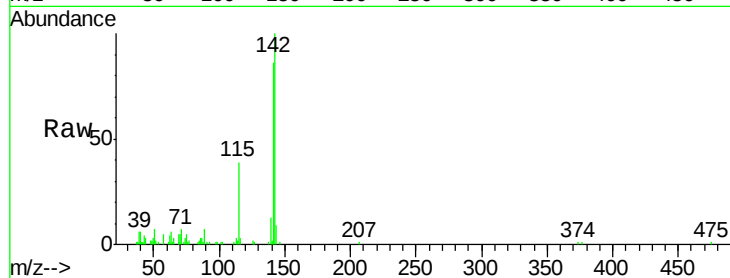
Tgt Ion:142 Resp: 36892

Ion Ratio Lower Upper

142 100

141 85.7 70.7 106.1

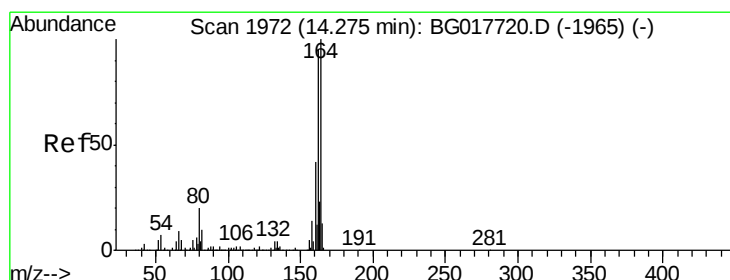
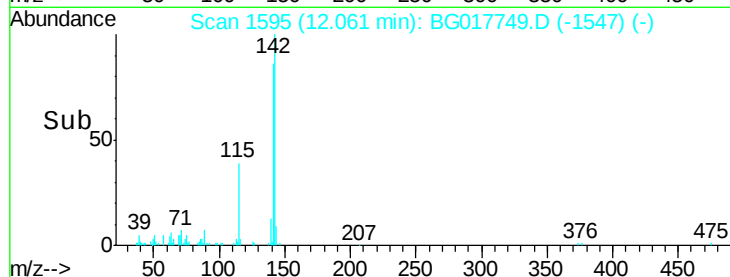
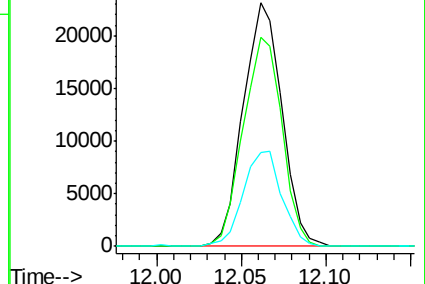
115 38.8 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.26 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

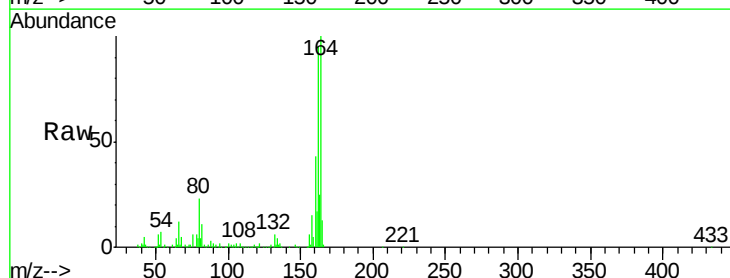
Tgt Ion:164 Resp: 182994

Ion Ratio Lower Upper

164 100

162 95.1 76.3 114.5

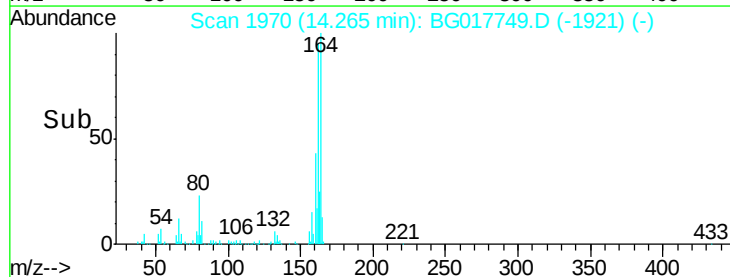
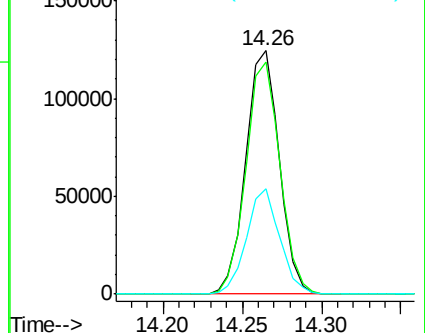
160 43.0 33.7 50.5

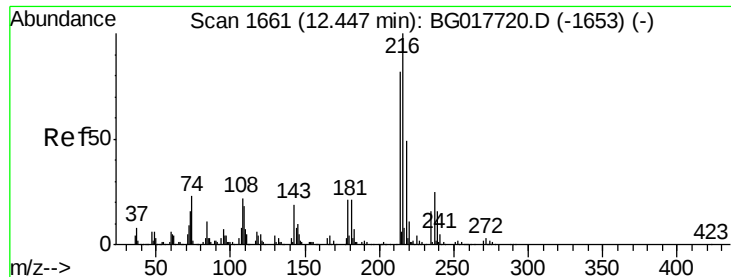


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.32 ng

RT: 12.44 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:216 Resp: 16311

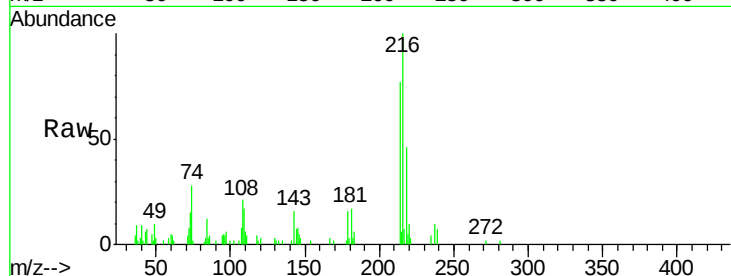
Ion Ratio Lower Upper

216 100

214 75.2 64.5 96.7

179 20.6 16.7 25.1

108 25.6 18.6 27.8

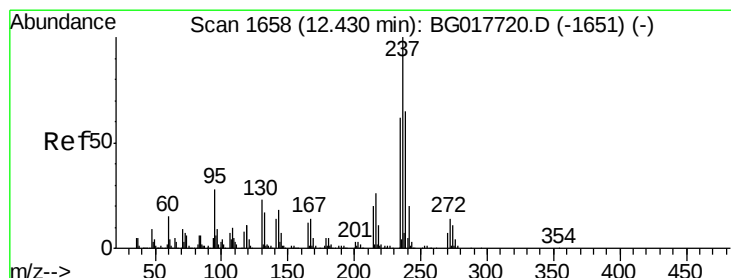
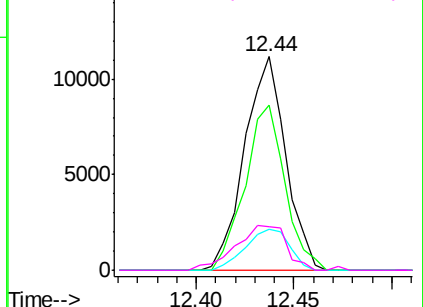
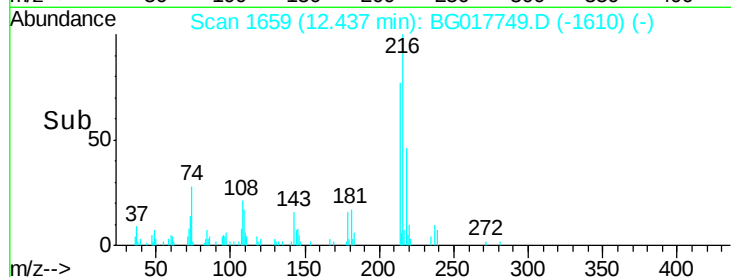


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.51 ng

RT: 12.42 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

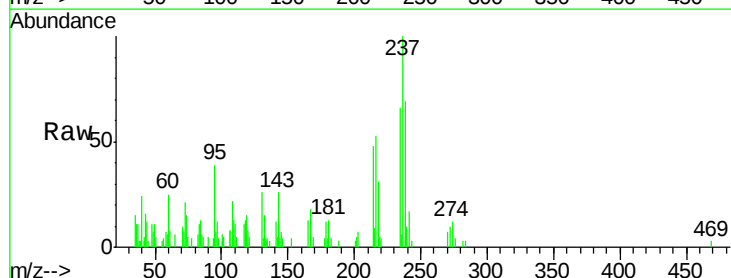
Tgt Ion:237 Resp: 8278

Ion Ratio Lower Upper

237 100

235 66.1 42.2 82.2

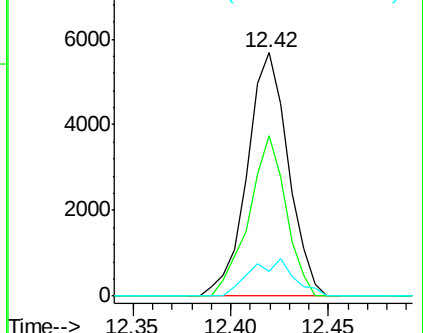
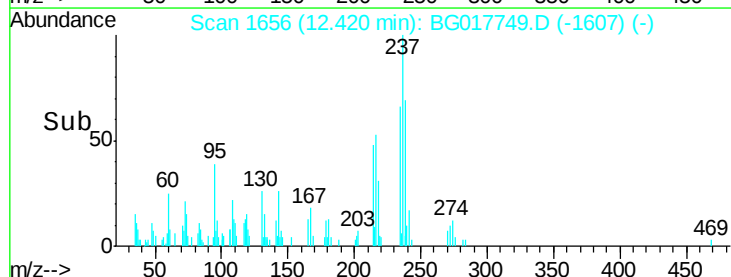
272 10.0 0.0 33.9

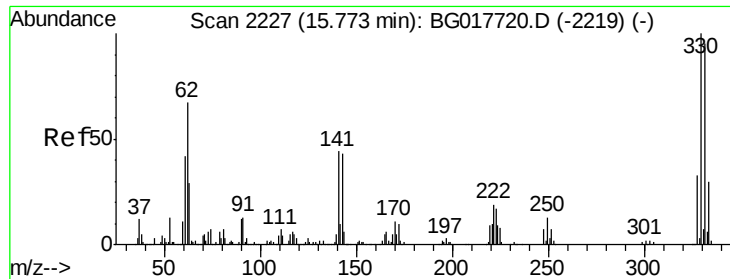


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

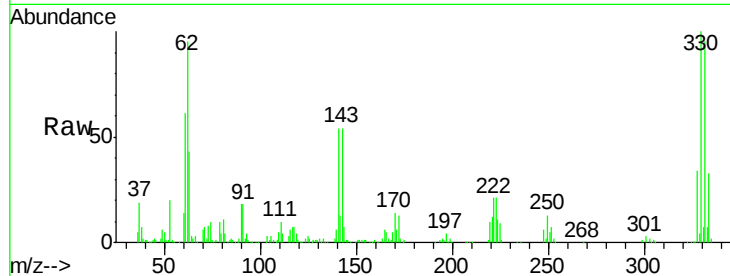




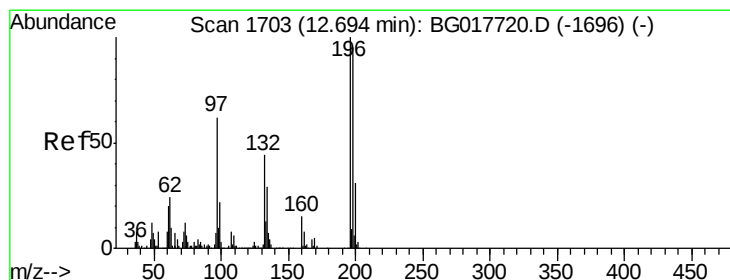
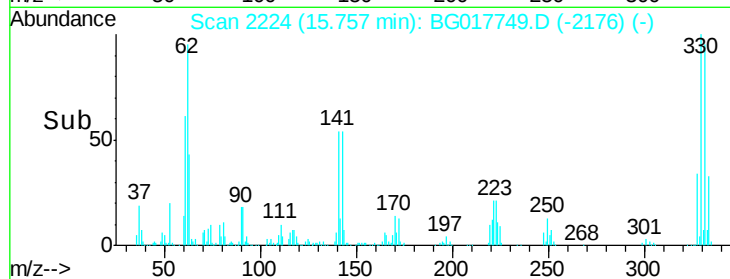
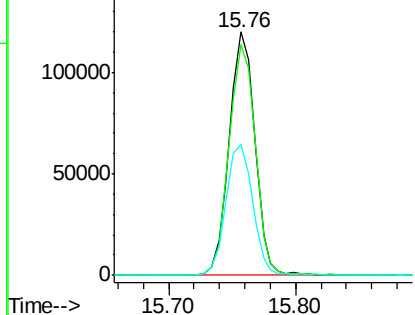
#41
 2,4,6-Tribromophenol
 Concen: 99.18 ng
 RT: 15.76 min Scan# 2224
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:330 Resp: 168284
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.8 115.2
 141 56.3 38.0 57.0

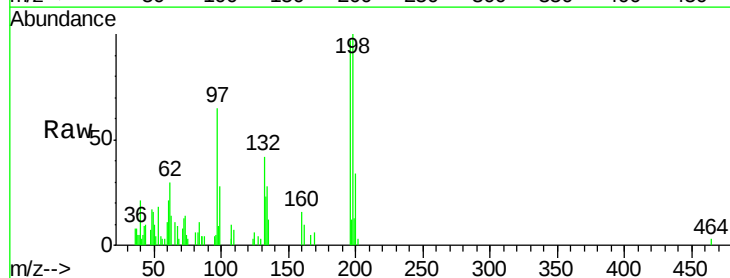


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

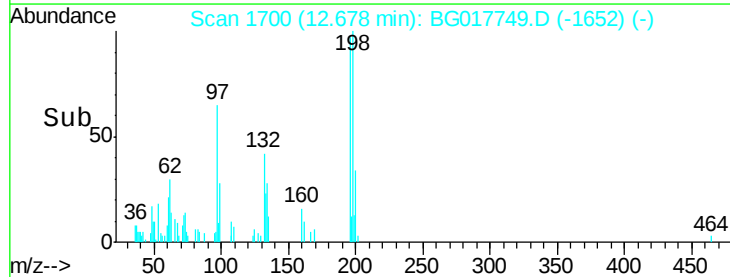
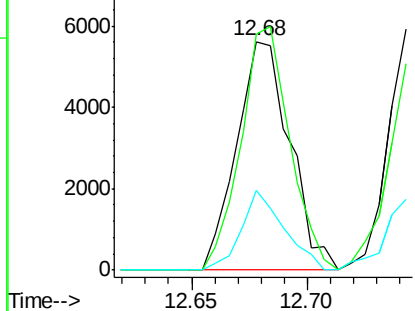


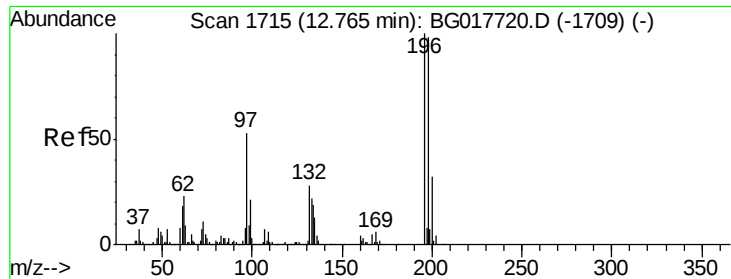
#42
 2,4,6-Trichlorophenol
 Concen: 2.71 ng
 RT: 12.68 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion:196 Resp: 8998
 Ion Ratio Lower Upper
 196 100
 198 103.5 76.2 114.4
 200 35.1 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

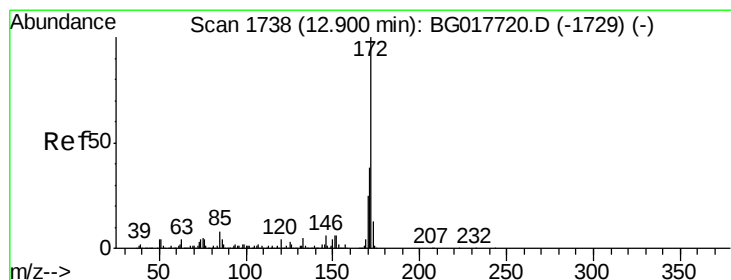
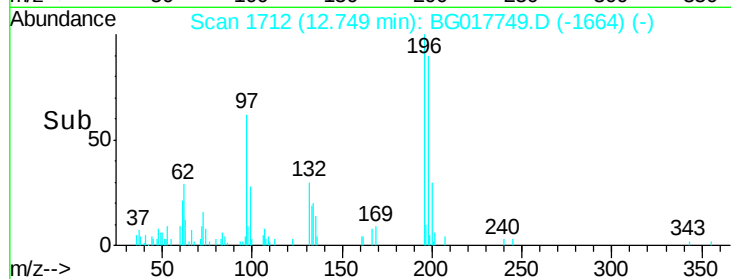
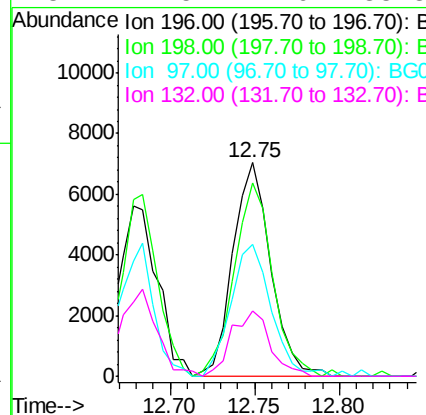
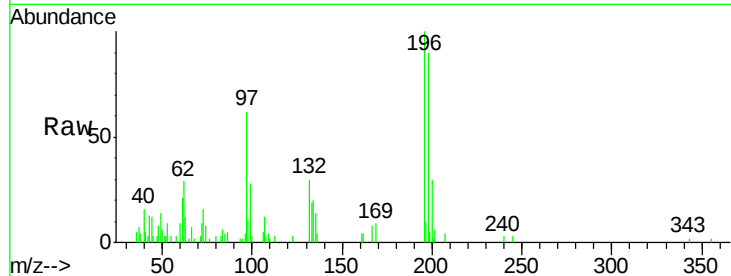




#43
 2,4,5-Trichlorophenol
 Concen: 3.04 ng
 RT: 12.75 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

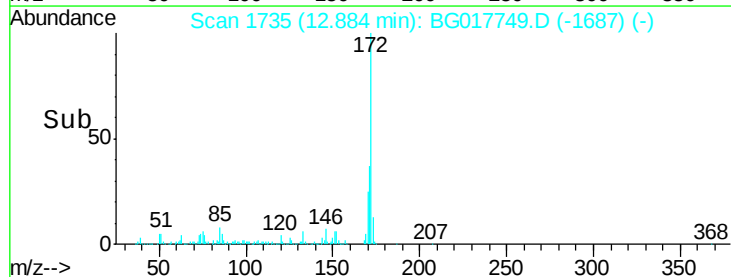
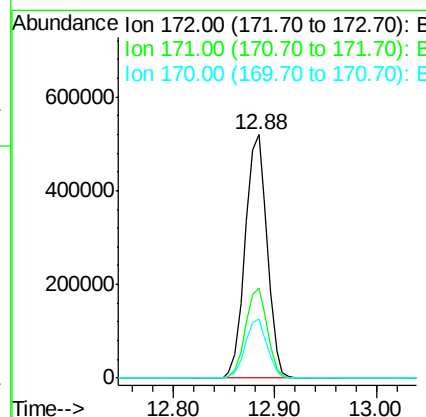
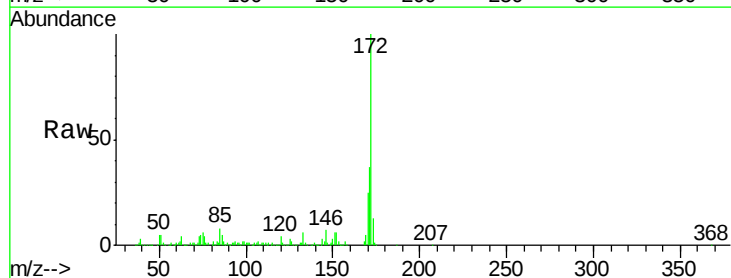
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

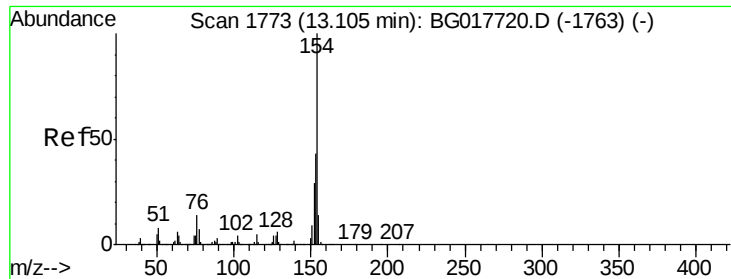
Tgt Ion:	196	Resp:	11007
Ion	Ratio	Lower	Upper
196	100		
198	82.2	78.1	117.1
97	56.3	42.6	64.0
132	27.5	22.6	33.8



#44
 2-Fluorobiphenyl
 Concen: 69.04 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion:	172	Resp:	777942
Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.7	46.1
170	24.5	19.7	29.5

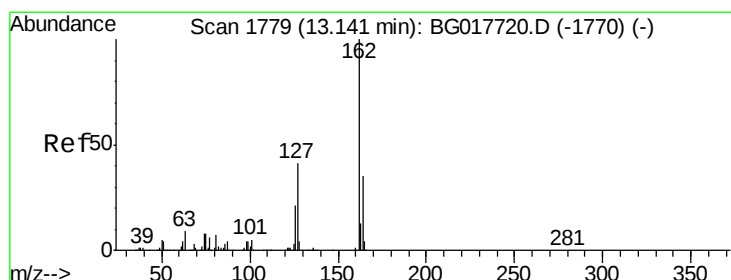
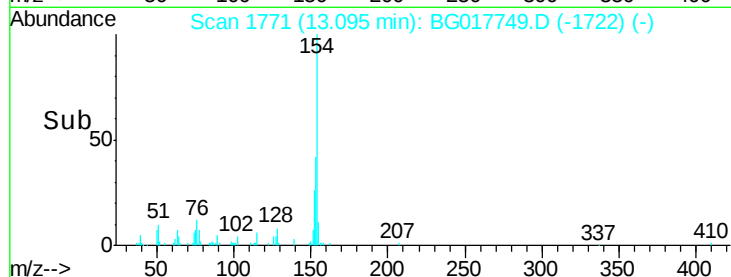
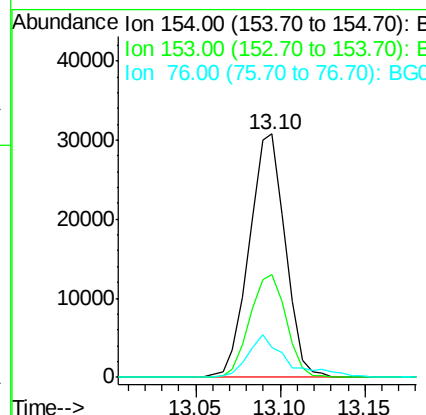
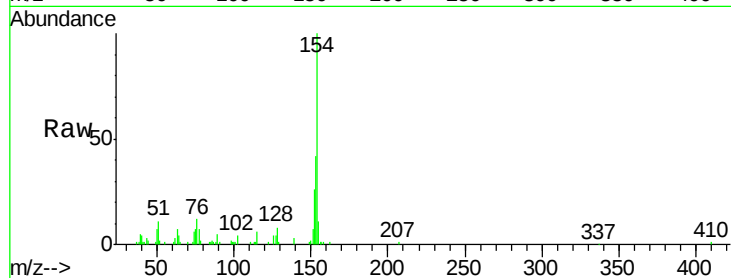




#45
 1,1'-Biphenyl
 Concen: 3.37 ng
 RT: 13.10 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

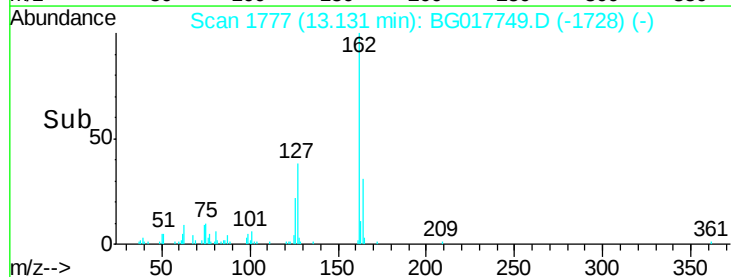
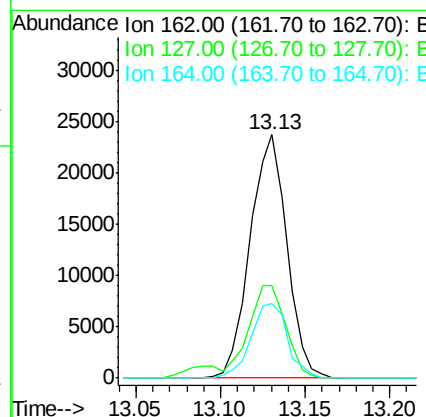
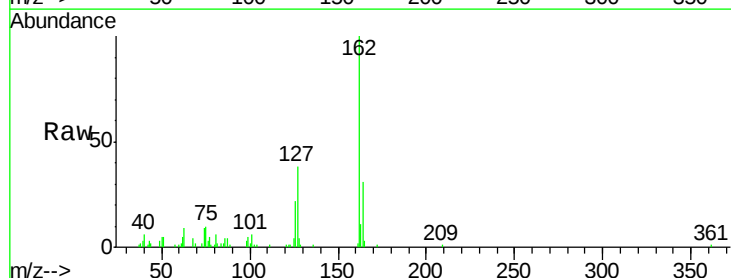
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

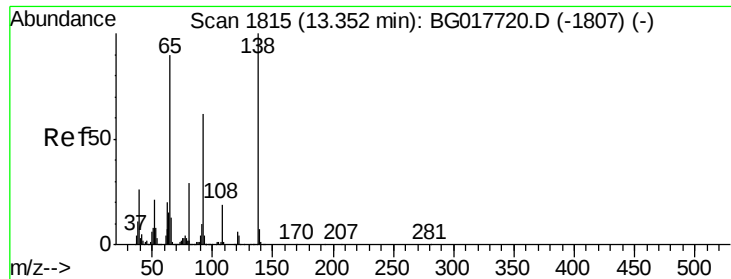
Tgt Ion:	154	Resp:	45626
Ion Ratio	Lower	Upper	
154	100		
153	42.3	23.5	63.5
76	12.3	0.0	33.7



#46
 2-Chloronaphthalene
 Concen: 3.29 ng
 RT: 13.13 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion:	162	Resp:	35855
Ion Ratio	Lower	Upper	
162	100		
127	38.0	33.2	49.8
164	30.9	27.7	41.5

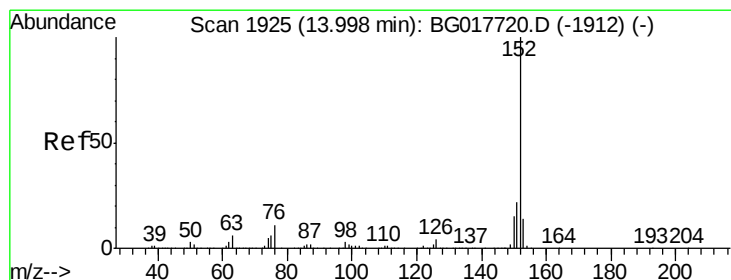
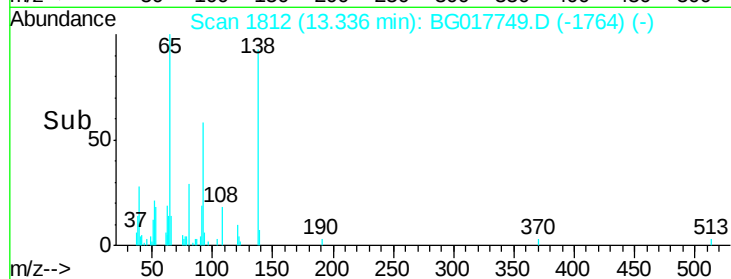
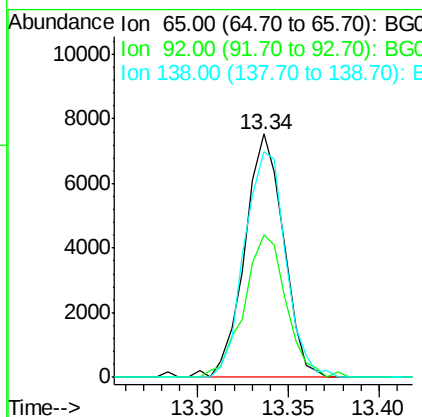
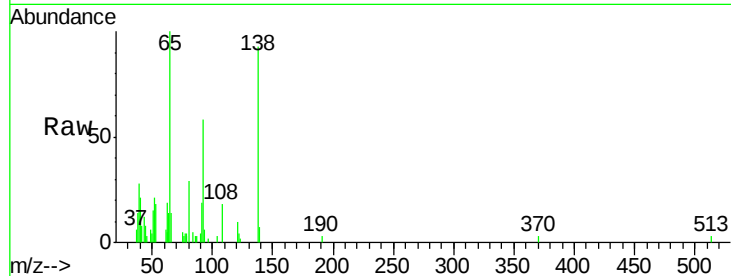




#47
2-Nitroaniline
Concen: 3.44 ng
RT: 13.34 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

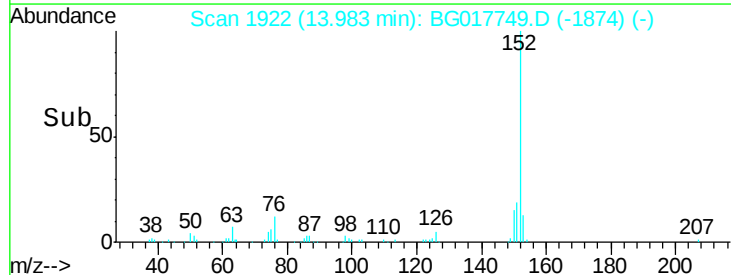
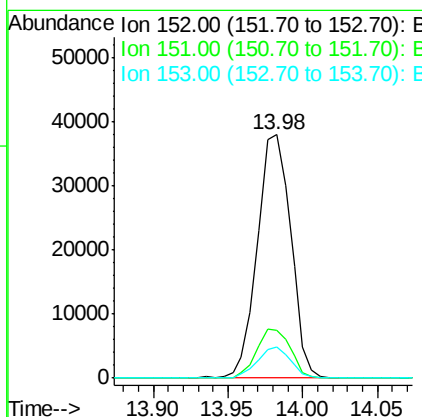
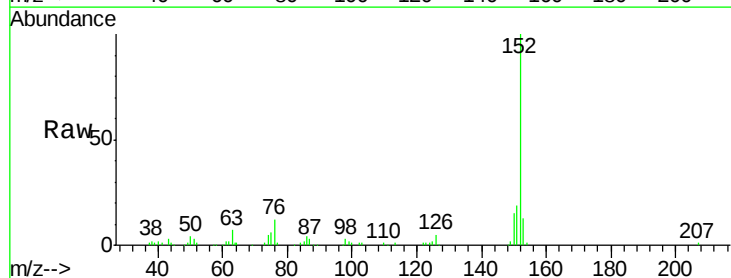
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

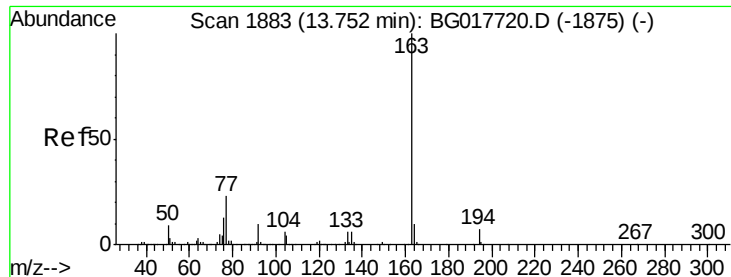
Tgt Ion: 65 Resp: 11192
Ion Ratio Lower Upper
65 100
92 58.4 55.4 83.2
138 92.5 89.1 133.7



#48
Acenaphthylene
Concen: 3.02 ng
RT: 13.98 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion: 152 Resp: 58822
Ion Ratio Lower Upper
152 100
151 19.5 17.4 26.2
153 12.8 11.0 16.6





#49

Dimethylphthalate

Concen: 3.05 ng

RT: 13.73 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

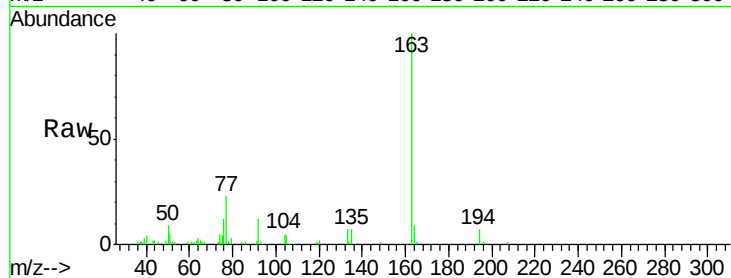
Tgt Ion:163 Resp: 42711

Ion Ratio Lower Upper

163 100

194 7.1 5.8 8.6

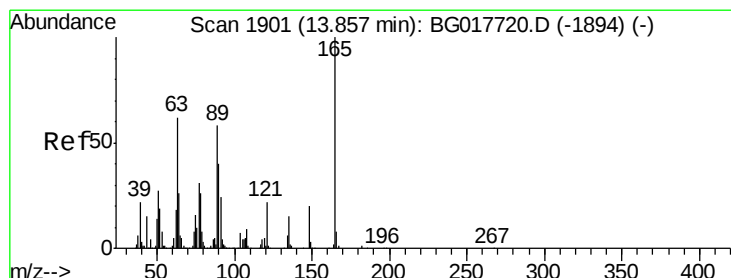
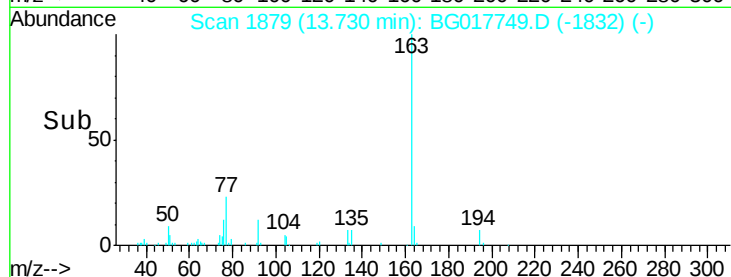
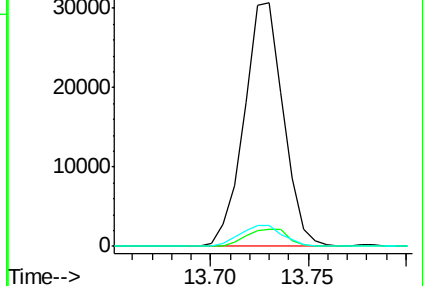
164 8.7 8.3 12.5



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: 2.80 ng

RT: 13.84 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

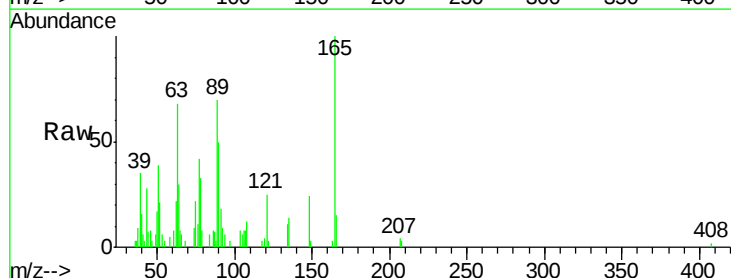
Tgt Ion:165 Resp: 8067

Ion Ratio Lower Upper

165 100

63 68.1 50.2 75.2

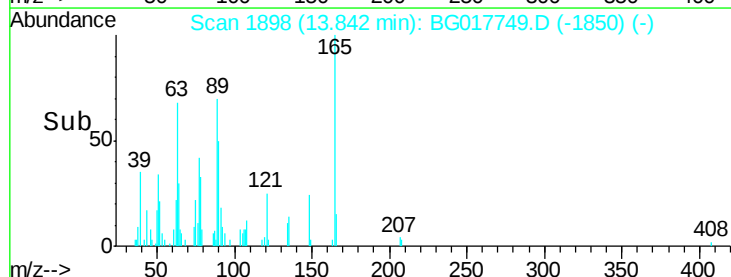
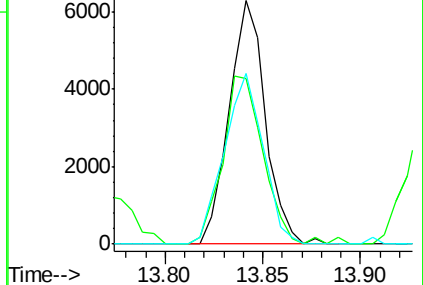
89 70.2 46.6 69.8#

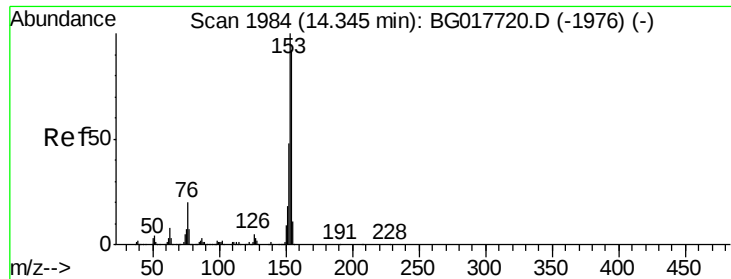


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 3.09 ng

RT: 14.33 min Scan# 1981

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

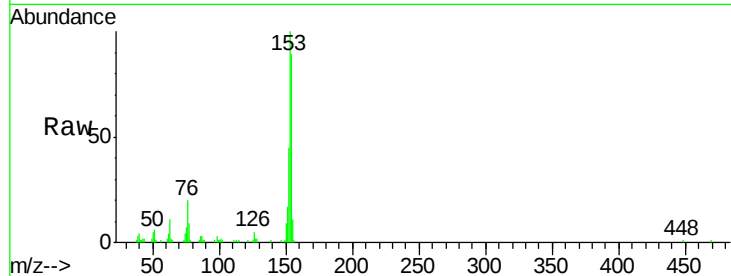
Tgt Ion:154 Resp: 36319

Ion Ratio Lower Upper

154 100

153 111.8 87.0 130.4

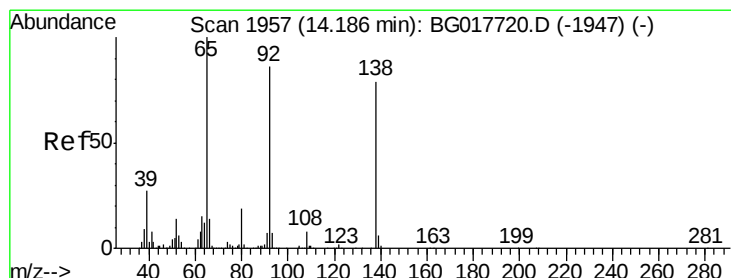
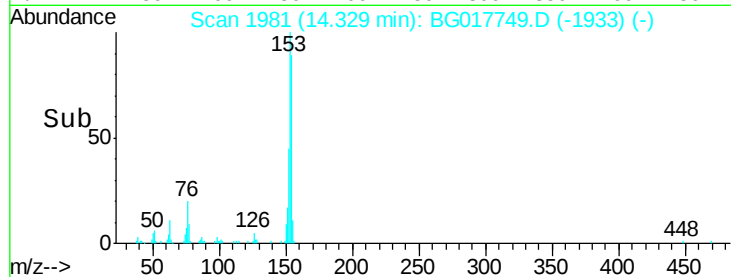
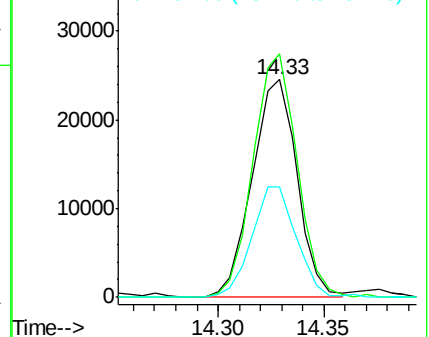
152 50.7 41.4 62.0



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: 2.33 ng

RT: 14.17 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

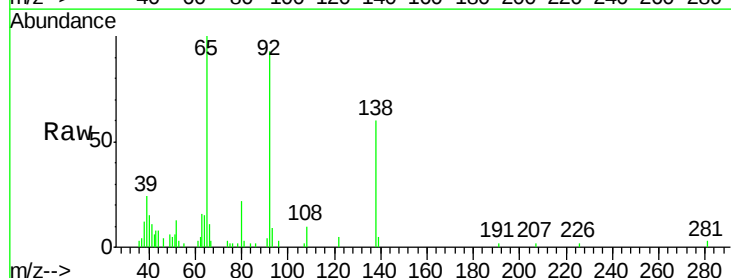
Tgt Ion:138 Resp: 7851

Ion Ratio Lower Upper

138 100

108 15.9 8.2 12.4#

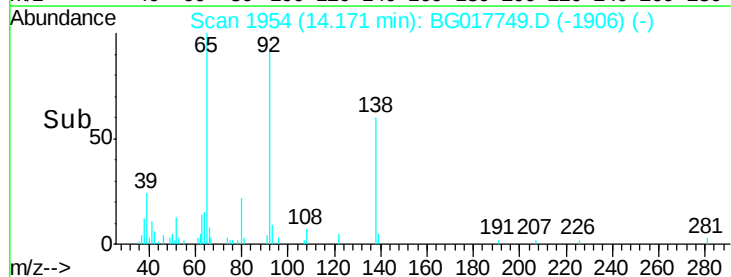
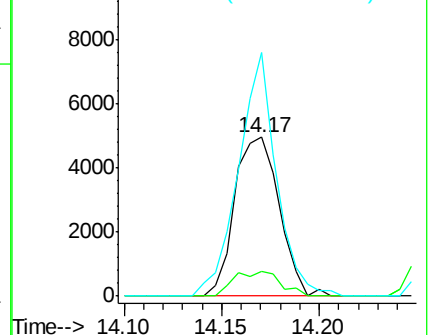
92 153.4 87.4 131.0#

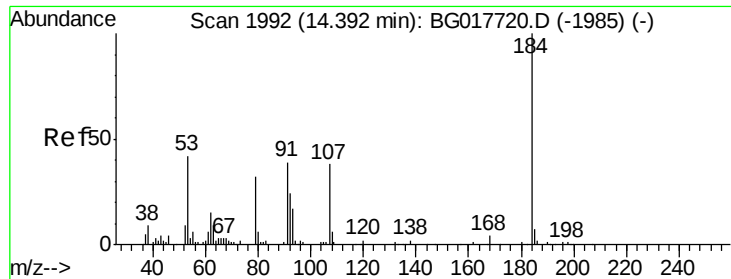


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 8.75 ng

RT: 14.38 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

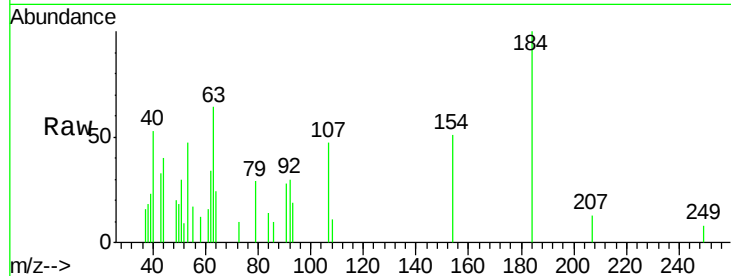
Tgt Ion:184 Resp: 2381

Ion Ratio Lower Upper

184 100

63 64.0 47.8 71.6

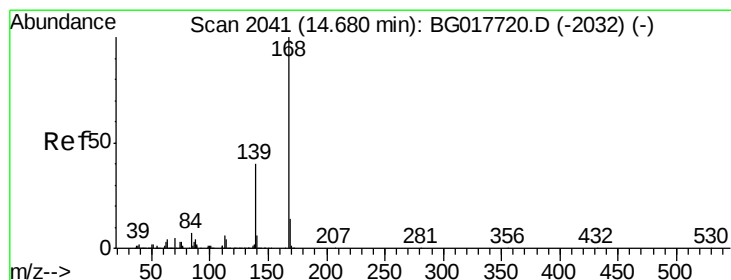
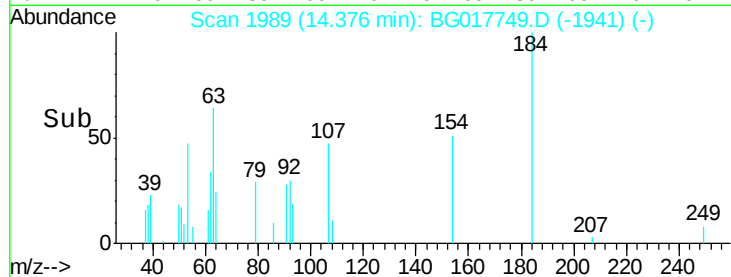
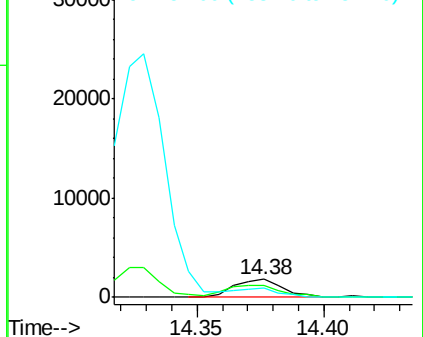
154 51.2 39.3 58.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 3.32 ng

RT: 14.66 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

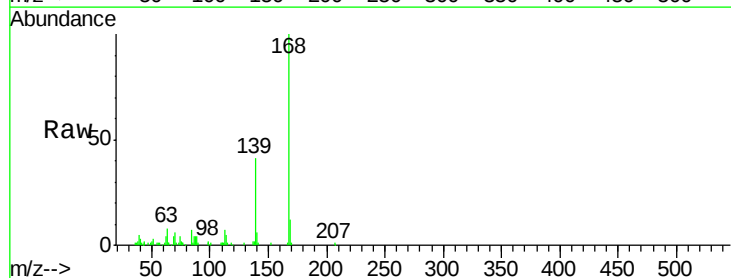
Tgt Ion:168 Resp: 54851

Ion Ratio Lower Upper

168 100

139 40.6 32.2 48.2

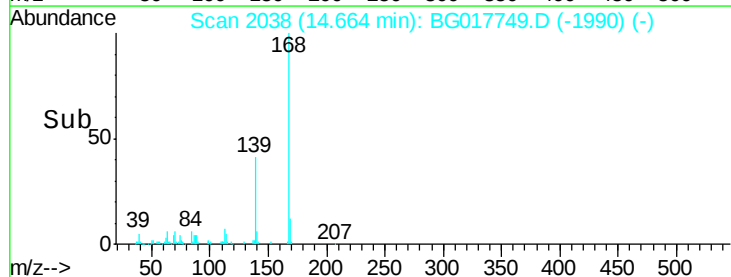
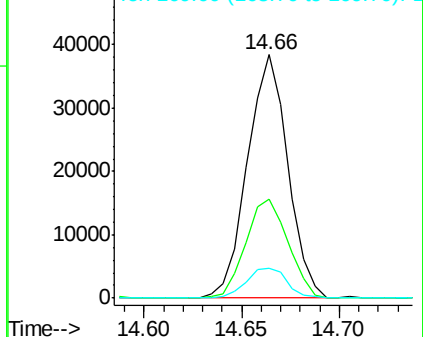
169 12.2 11.3 16.9

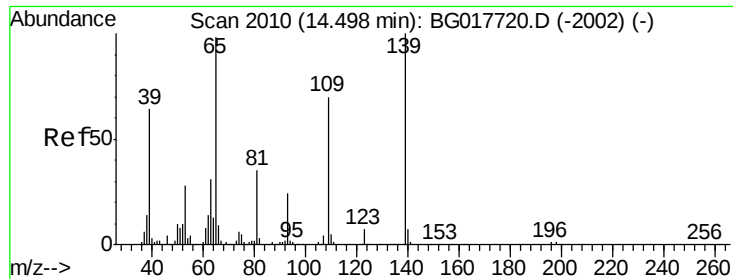


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

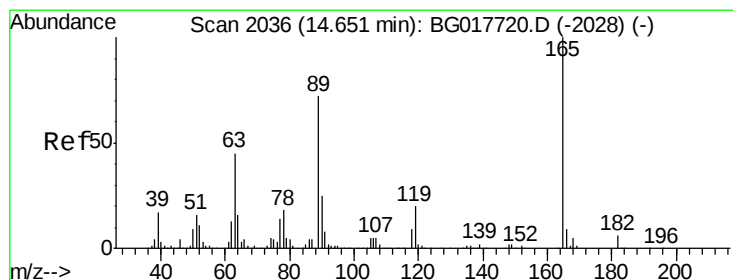
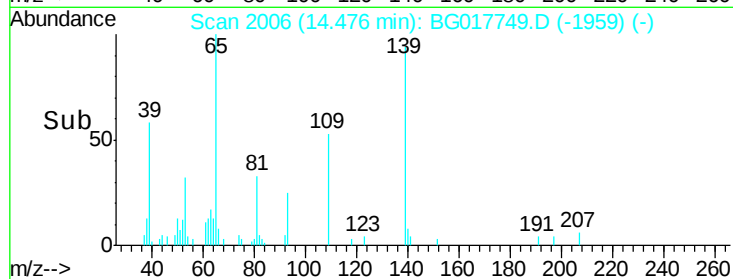
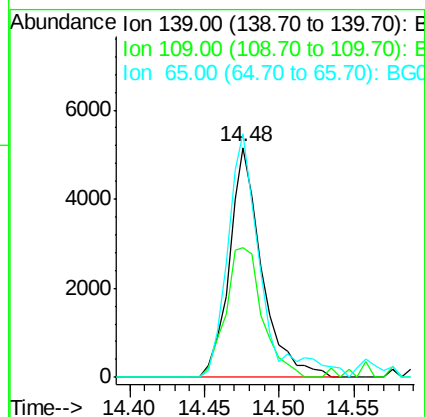
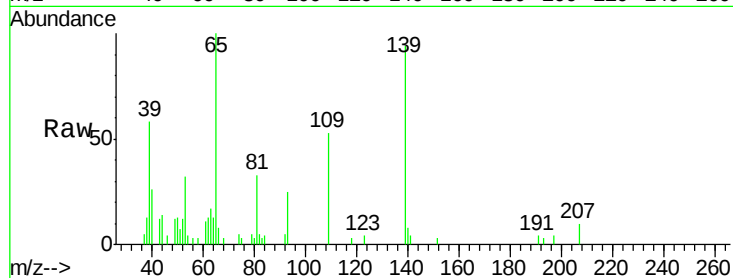




#55
4-Nitrophenol
Concen: 2.95 ng
RT: 14.48 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

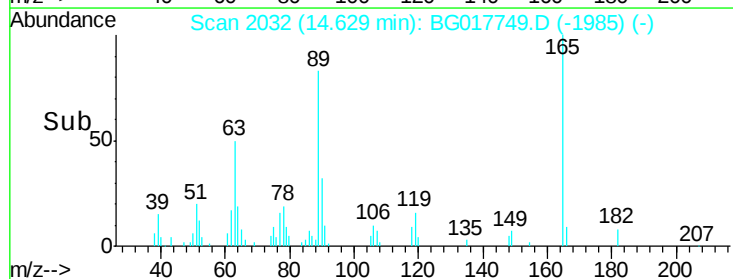
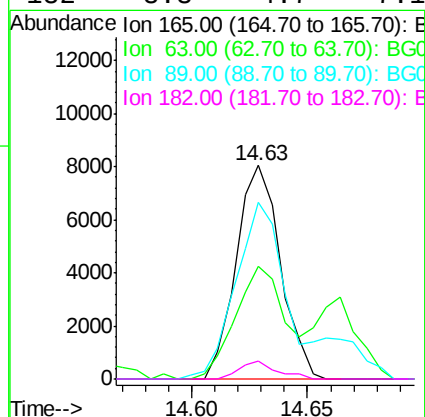
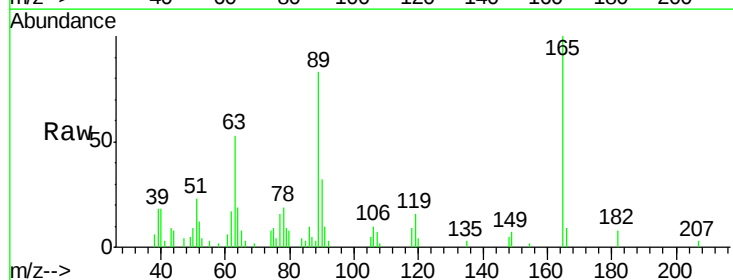
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

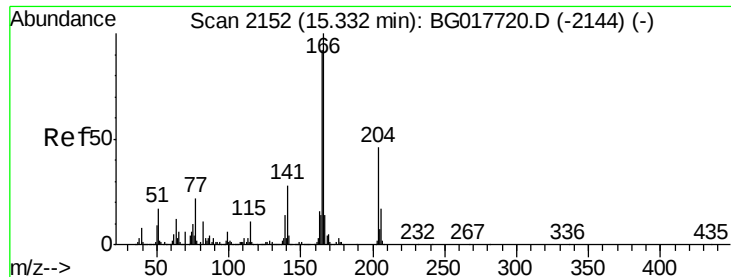
Tgt Ion:139 Resp: 7858
Ion Ratio Lower Upper
139 100
109 56.5 50.3 90.3
65 105.9 78.8 118.8



#56
2,4-Dinitrotoluene
Concen: 5.36 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion:165 Resp: 10743
Ion Ratio Lower Upper
165 100
63 52.7 36.2 54.4
89 82.8 57.9 86.9
182 8.3 4.7 7.1#





#57

Fluorene

Concen: 3.13 ng

RT: 15.32 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

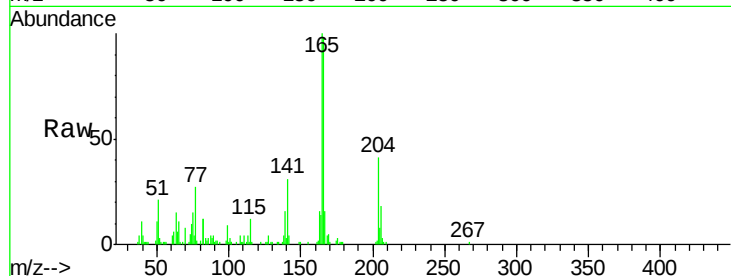
Tgt Ion:166 Resp: 46707

Ion Ratio Lower Upper

166 100

165 102.2 73.4 110.0

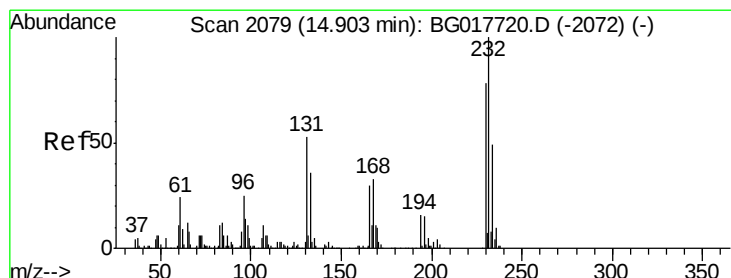
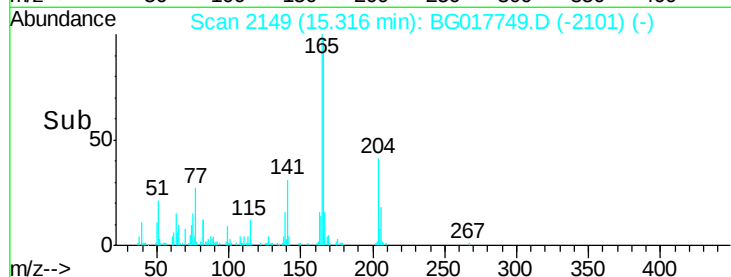
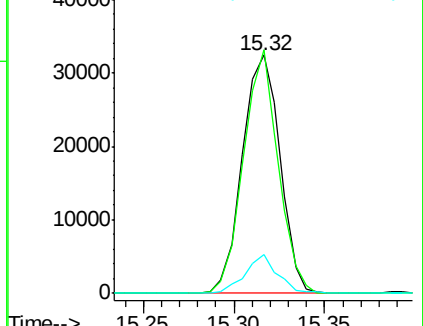
167 16.4 11.0 16.6



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: 2.93 ng

RT: 14.89 min Scan# 2076

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Tgt Ion:232 Resp: 8800

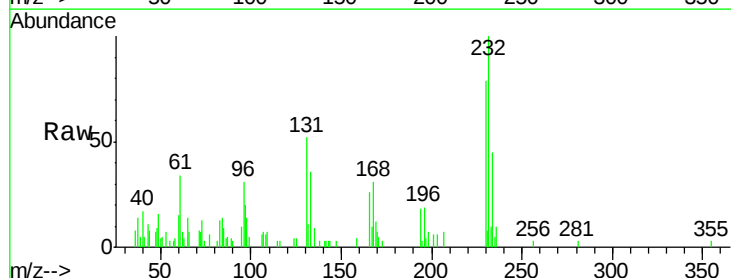
Ion Ratio Lower Upper

232 100

131 58.7 40.8 61.2

130 0.6 2.4 3.6#

166 33.4 23.8 35.8

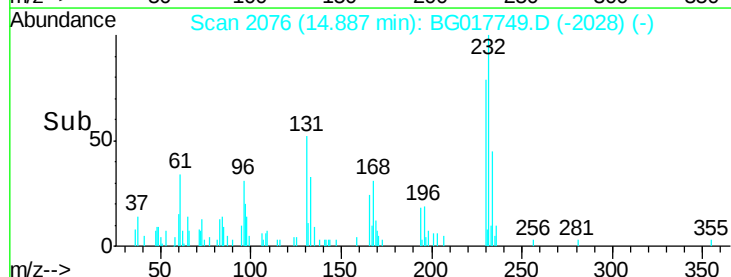
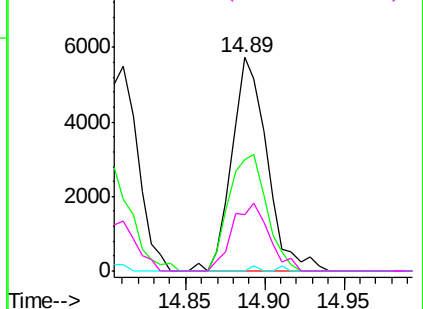


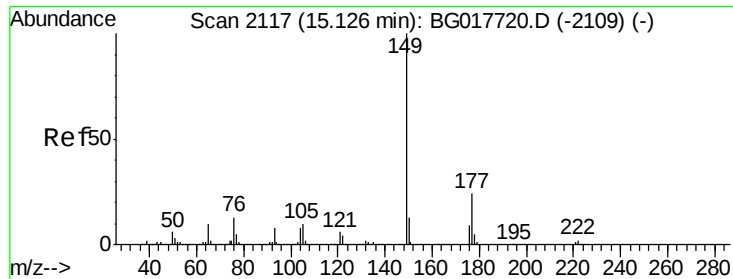
Abundance Ion 232.00 (231.70 to 232.70): E

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

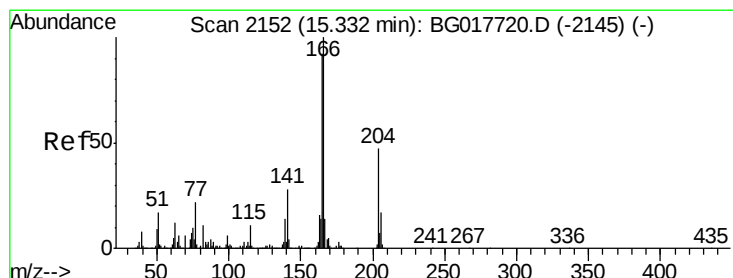
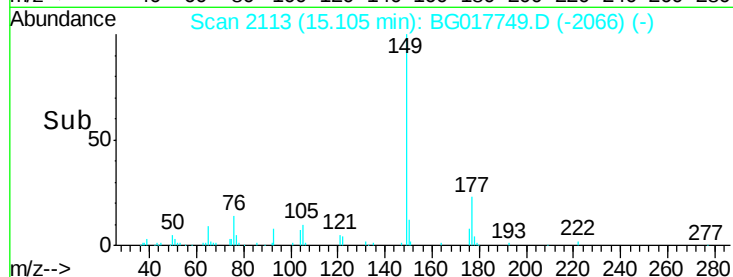
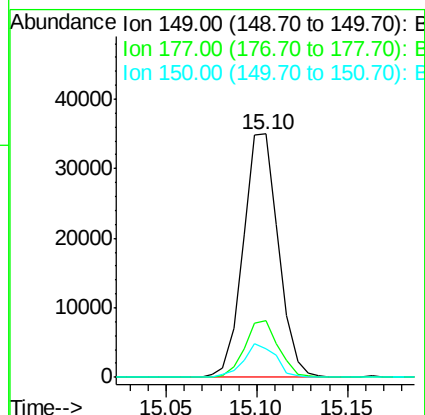
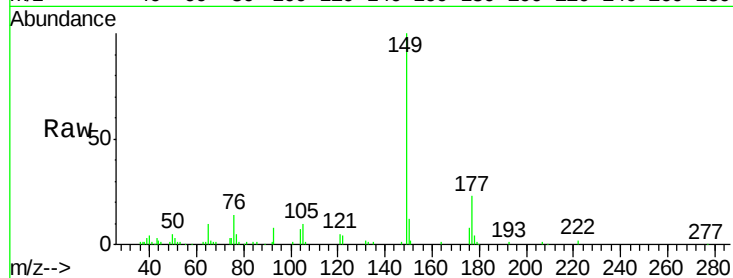




#59
Diethylphthalate
Concen: 3.09 ng
RT: 15.10 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

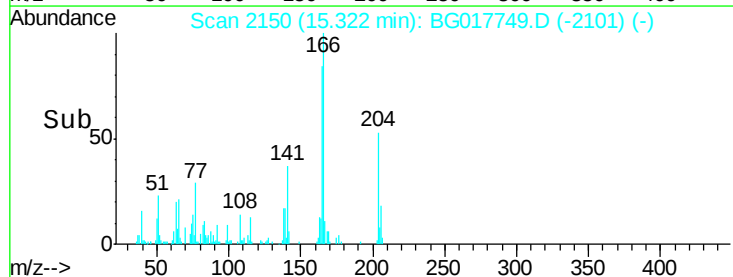
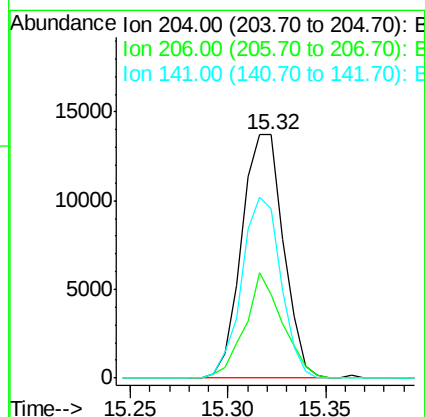
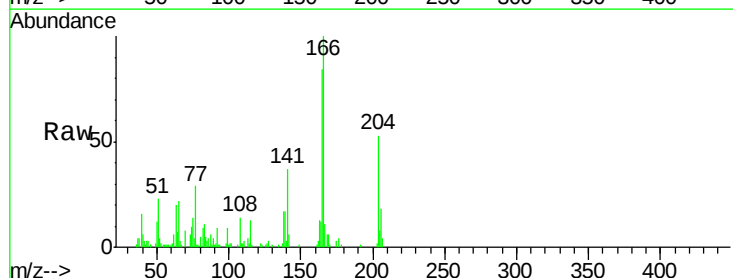
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

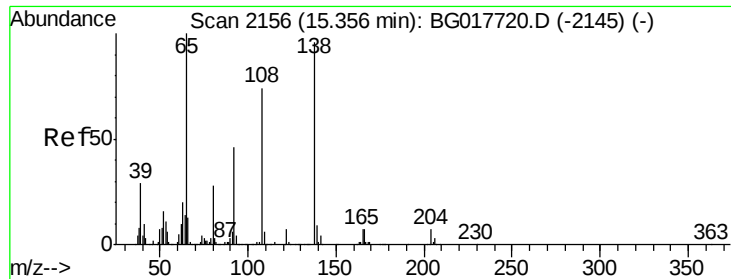
Tgt Ion:149 Resp: 46853
Ion Ratio Lower Upper
149 100
177 23.3 19.1 28.7
150 11.6 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 2.97 ng
RT: 15.32 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion:204 Resp: 20357
Ion Ratio Lower Upper
204 100
206 34.1 28.6 42.8
141 69.5 49.0 73.4

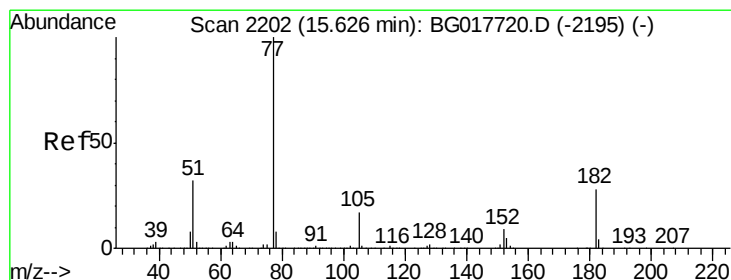
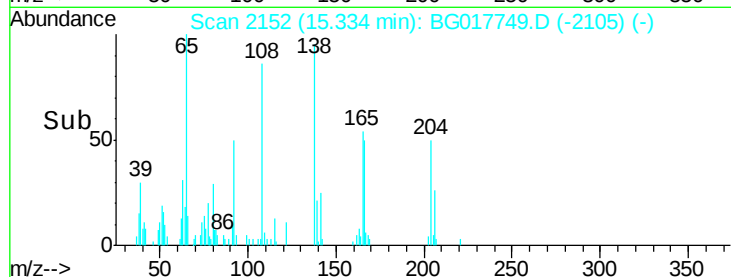
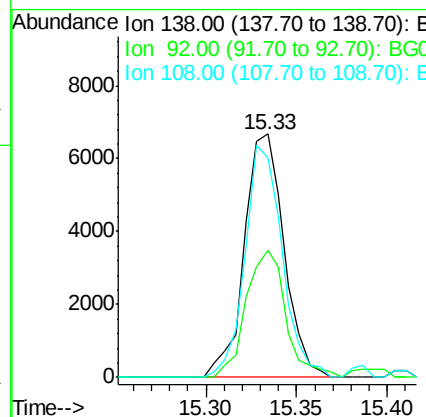
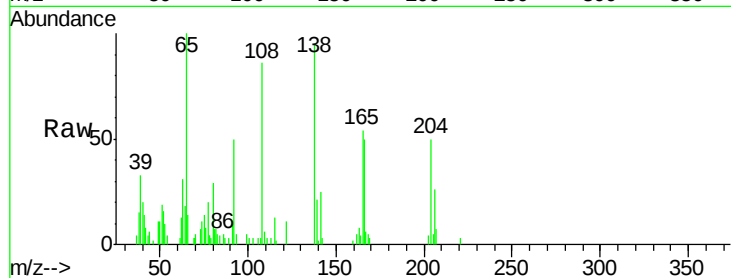




#61
4-Nitroaniline
Concen: 2.73 ng
RT: 15.33 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

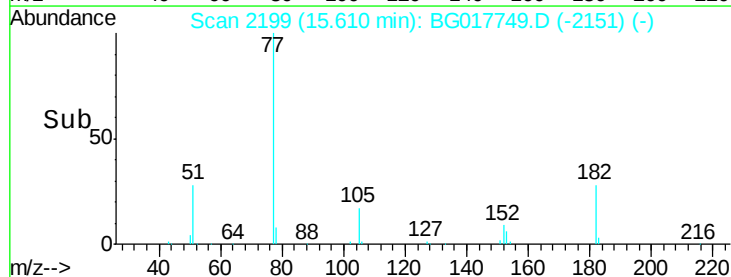
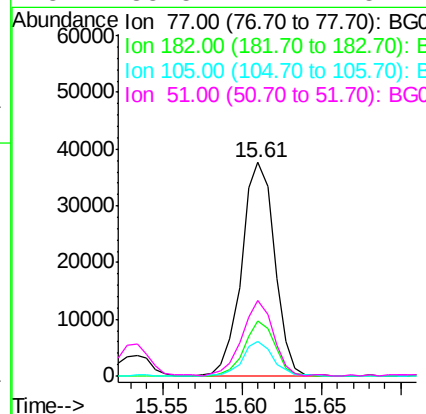
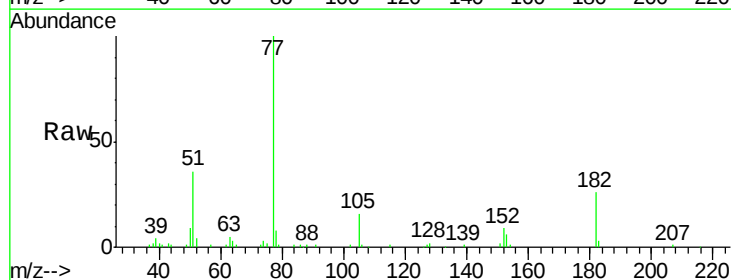
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

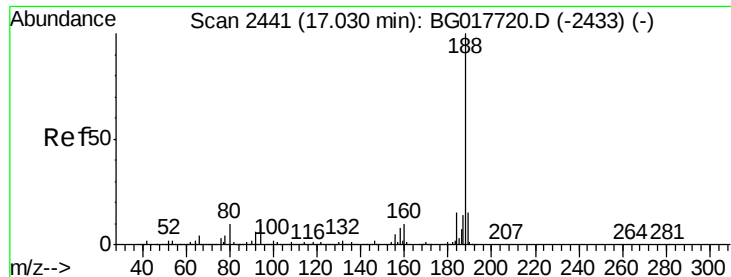
Tgt Ion: 138 Resp: 10233
Ion Ratio Lower Upper
138 100
92 52.4 27.7 67.7
108 90.2 57.8 97.8



#62
Azobenzene
Concen: 3.42 ng
RT: 15.61 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion: 77 Resp: 54404
Ion Ratio Lower Upper
77 100
182 25.7 8.2 48.2
105 16.2 0.0 36.6
51 35.5 11.7 51.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.01 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

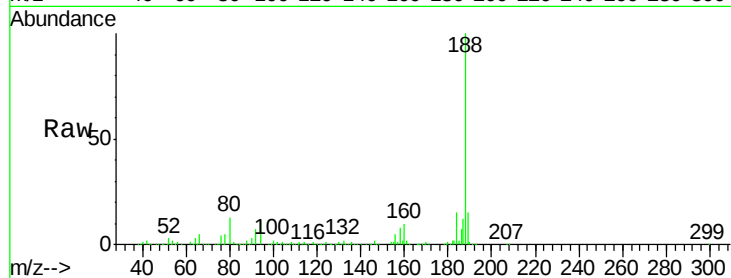
Tgt Ion:188 Resp: 407958

Ion Ratio Lower Upper

188 100

94 11.2 8.2 12.2

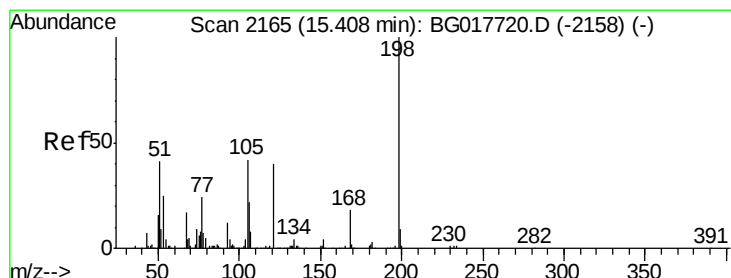
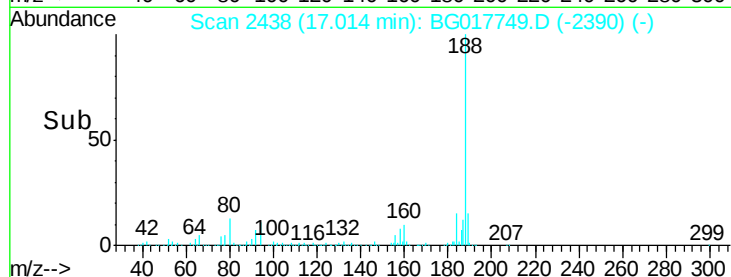
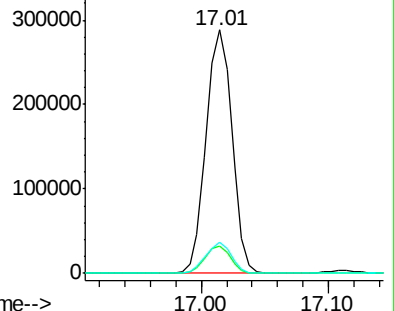
80 12.8 8.2 12.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 8.81 ng

RT: 15.39 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

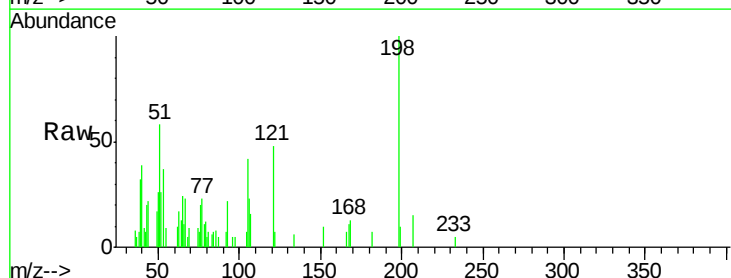
Tgt Ion:198 Resp: 4237

Ion Ratio Lower Upper

198 100

51 58.2 27.0 67.0

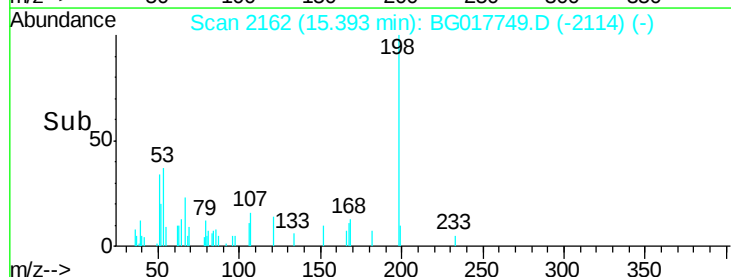
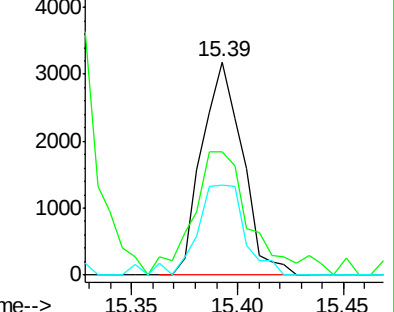
105 42.2 23.3 63.3

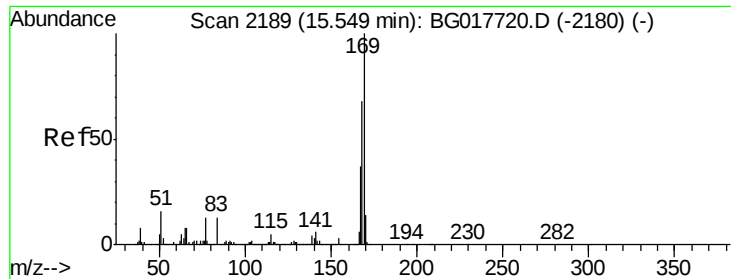


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

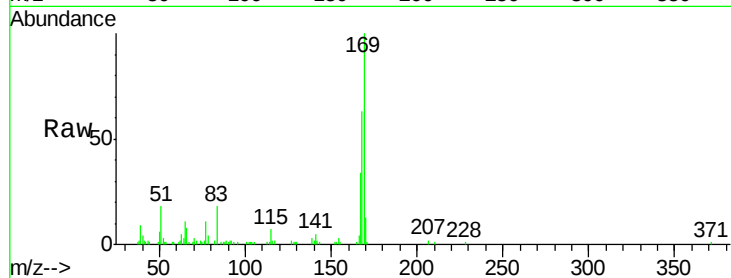




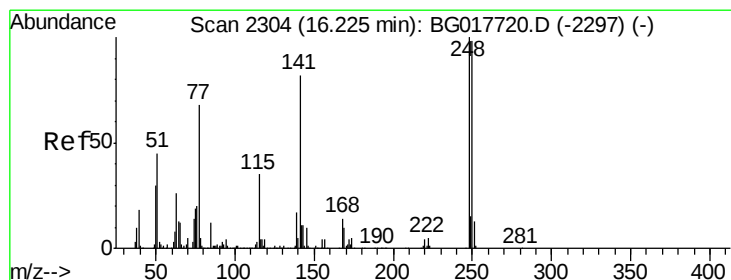
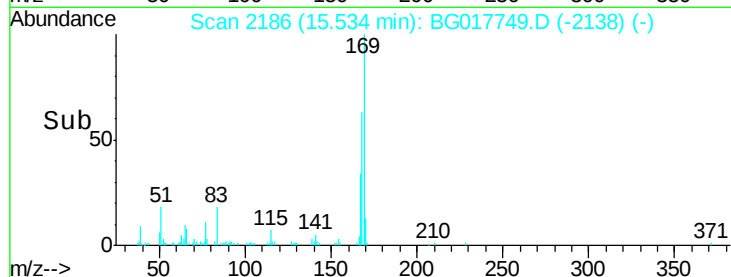
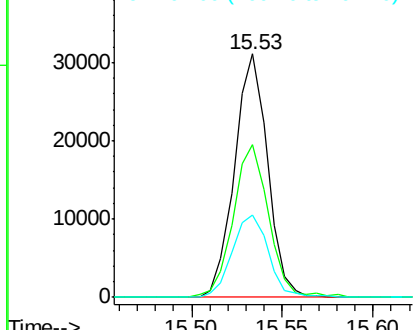
#65
 n-Nitrosodiphenylamine
 Concen: 3.03 ng
 RT: 15.53 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:169 Resp: 39444
 Ion Ratio Lower Upper
 169 100
 168 63.0 54.1 81.1
 167 33.8 29.4 44.2

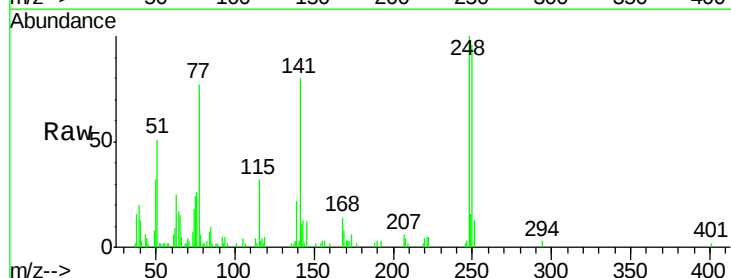


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

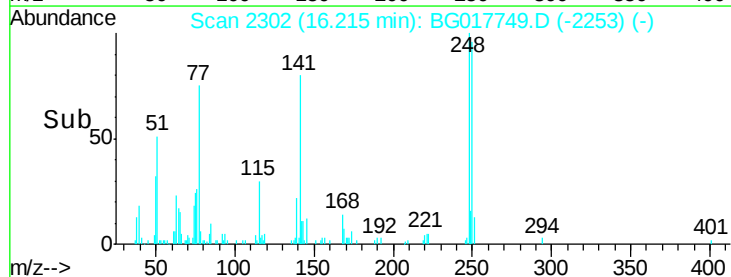
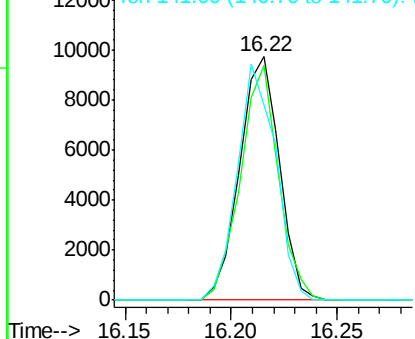


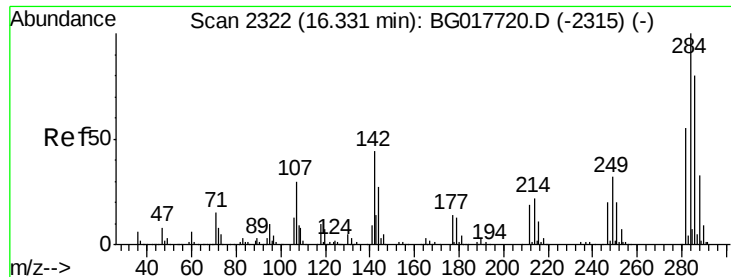
#66
 4-Bromophenyl-phenylether
 Concen: 3.01 ng
 RT: 16.22 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion:248 Resp: 12683
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.0 117.0
 141 80.3 65.7 98.5



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

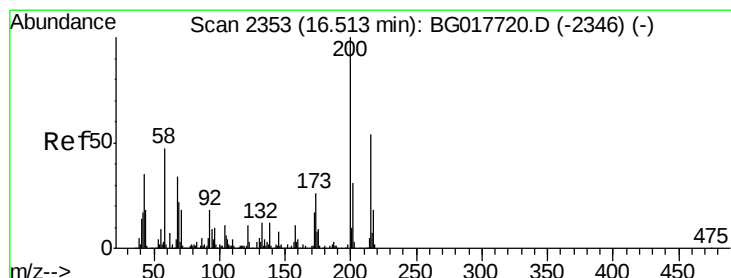
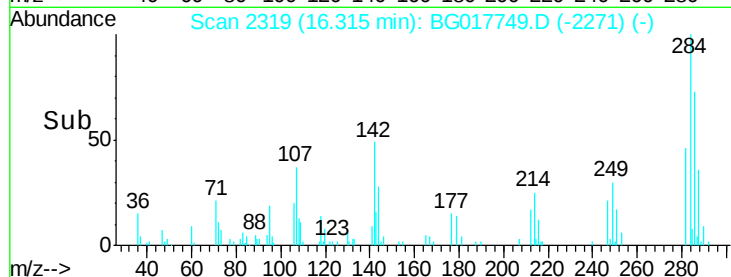
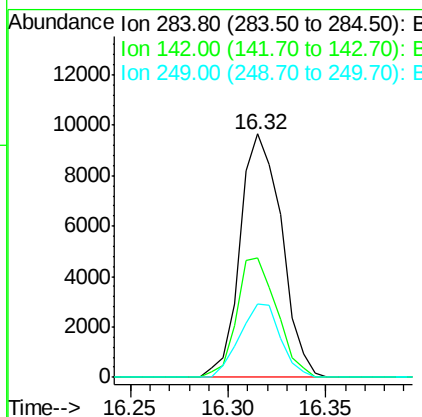
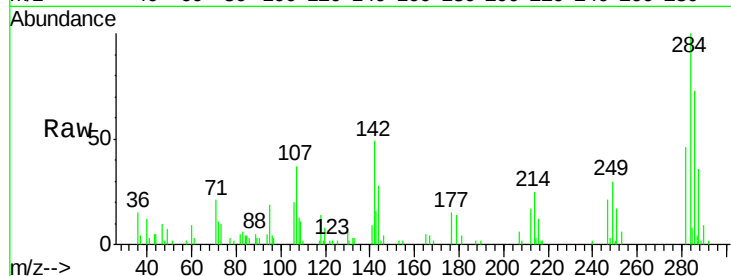




#67
Hexachlorobenzene
Concen: 3.12 ng
RT: 16.32 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

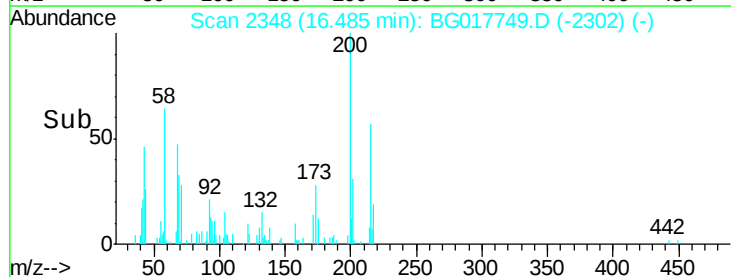
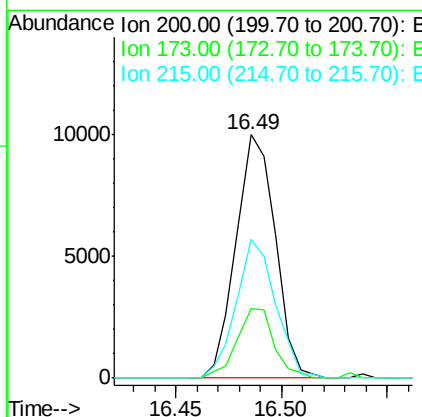
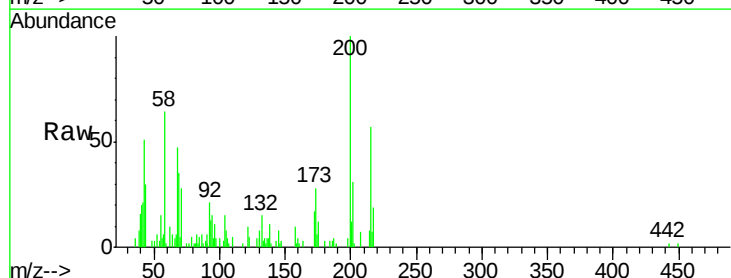
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

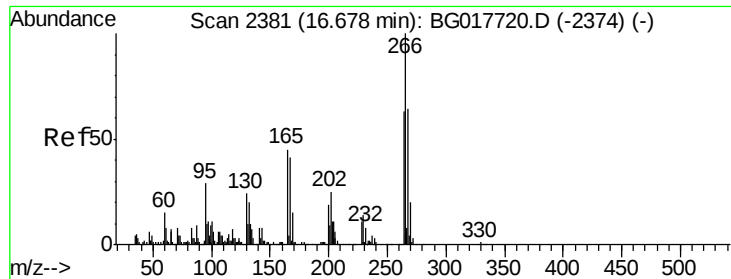
Tgt Ion:284 Resp: 14232
Ion Ratio Lower Upper
284 100
142 49.0 35.2 52.8
249 30.3 25.4 38.0



#68
Atrazine
Concen: 2.72 ng
RT: 16.49 min Scan# 2348
Delta R.T. -0.03 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion:200 Resp: 12924
Ion Ratio Lower Upper
200 100
173 28.5 5.6 45.6
215 56.8 34.1 74.1

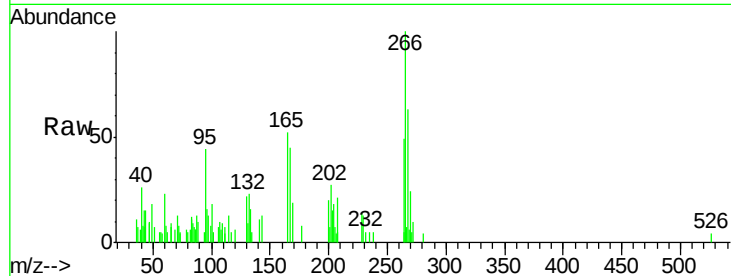




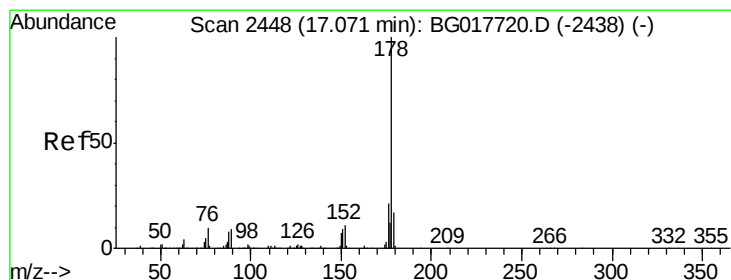
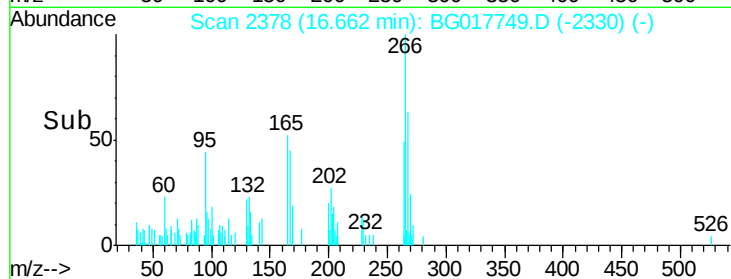
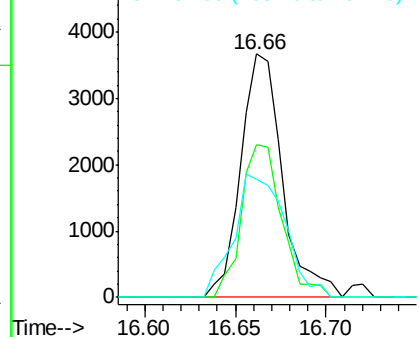
#69
 Pentachlorophenol
 Concen: 2.56 ng
 RT: 16.66 min Scan# 2378
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:266 Resp: 5869
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.0 76.6
 264 53.3 50.7 76.1

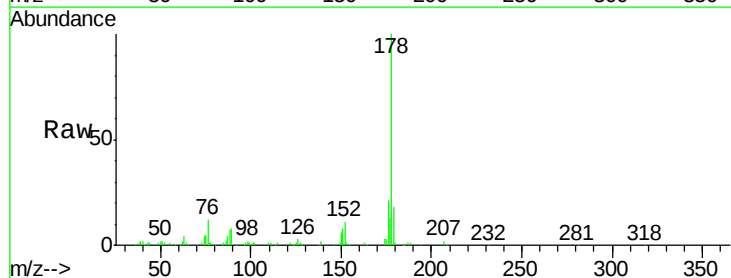


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

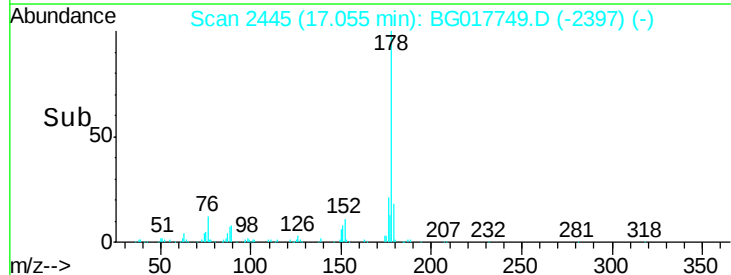
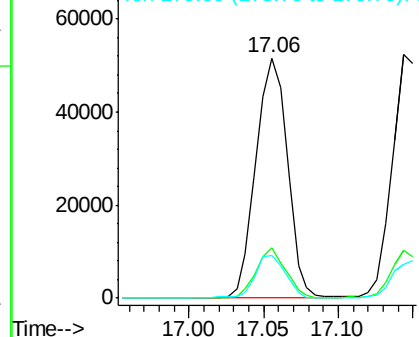


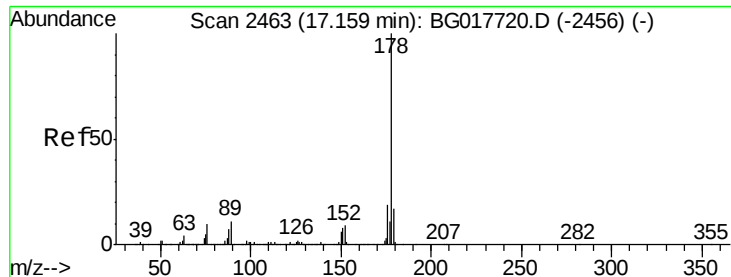
#70
 Phenanthrene
 Concen: 3.28 ng
 RT: 17.06 min Scan# 2445
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion:178 Resp: 75455
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.5 24.7
 179 18.0 13.5 20.3



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

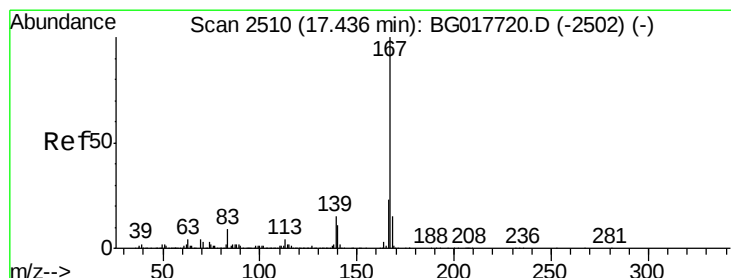
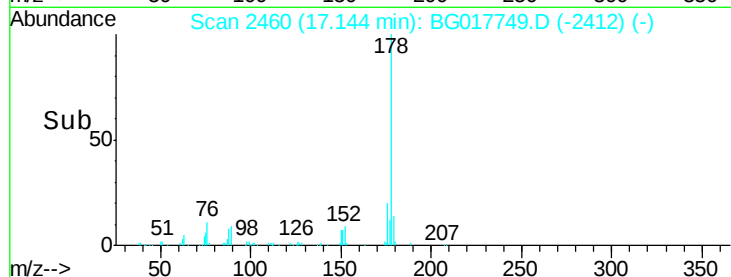
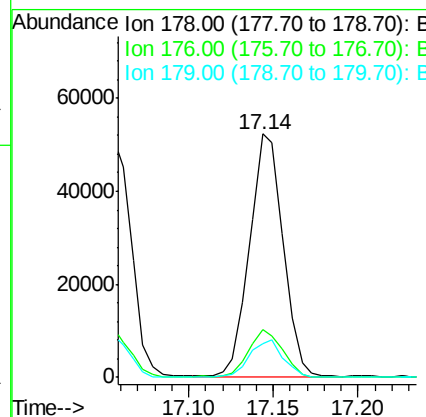
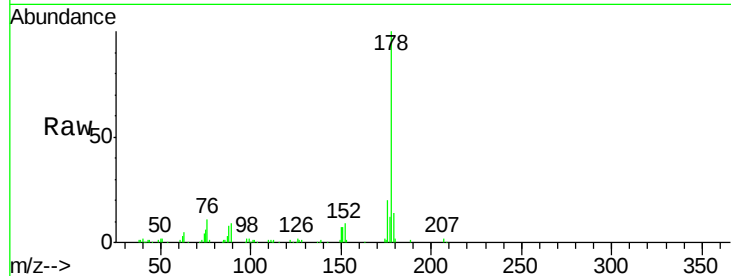




#71
 Anthracene
 Concen: 3.15 ng
 RT: 17.14 min Scan# 2460
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

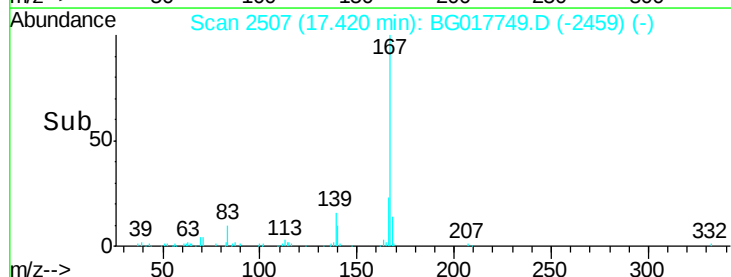
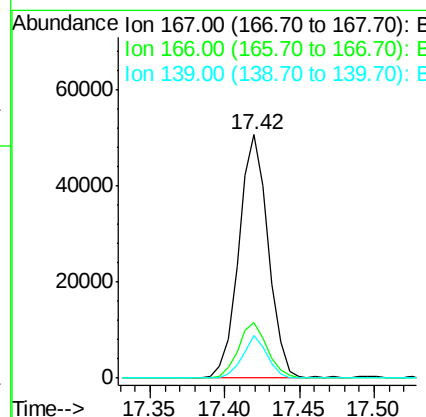
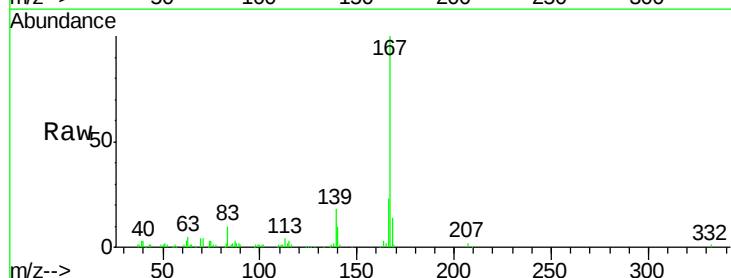
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

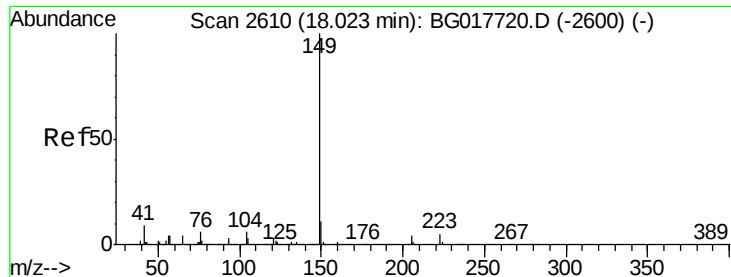
Tgt Ion:178 Resp: 72448
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.2 22.8
 179 14.1 13.6 20.4



#72
 Carbazole
 Concen: 3.08 ng
 RT: 17.42 min Scan# 2507
 Delta R.T. -0.02 min
 Lab File: BG017749.D
 Acq: 22 Jun 2015 17:27

Tgt Ion:167 Resp: 69293
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.3 27.5
 139 17.6 11.9 17.9

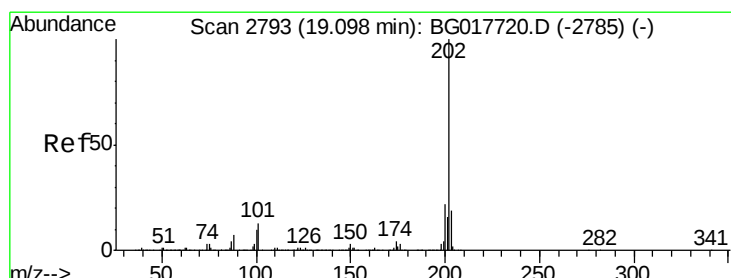
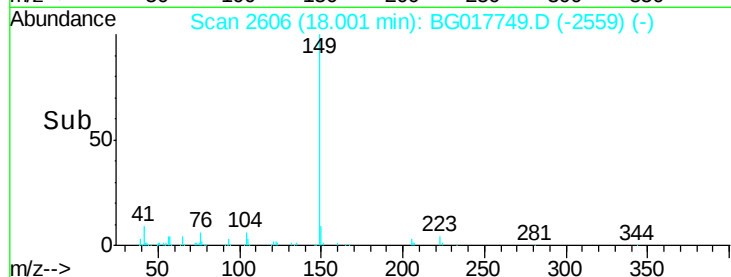
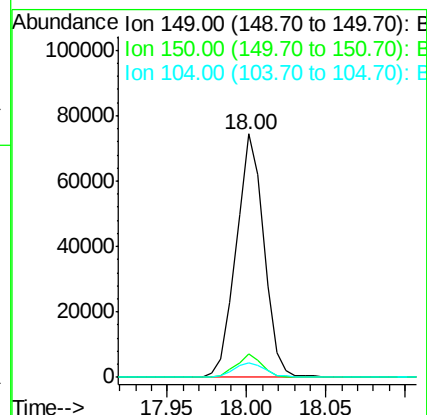
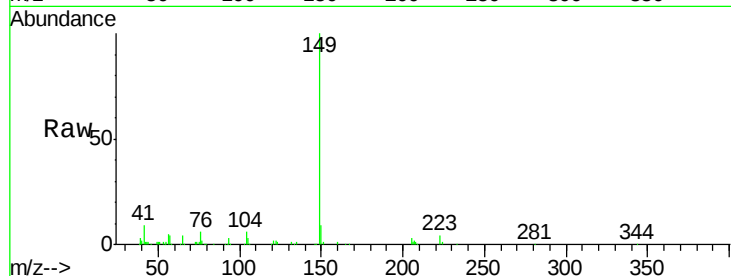




#73
Di-n-butylphthalate
Concen: 3.20 ng
RT: 18.00 min Scan# 2606
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

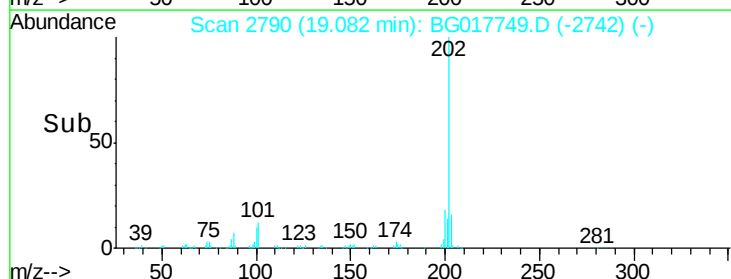
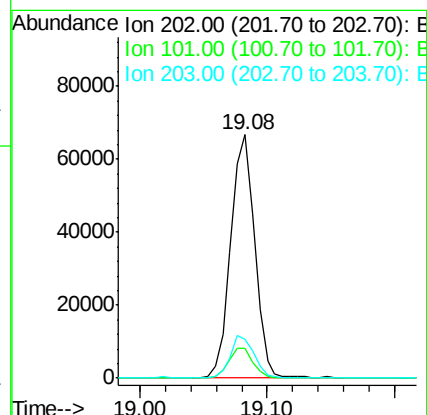
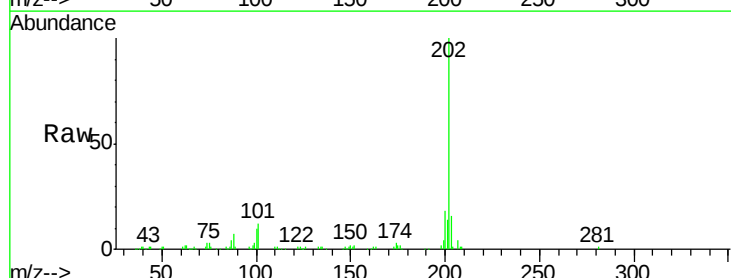
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

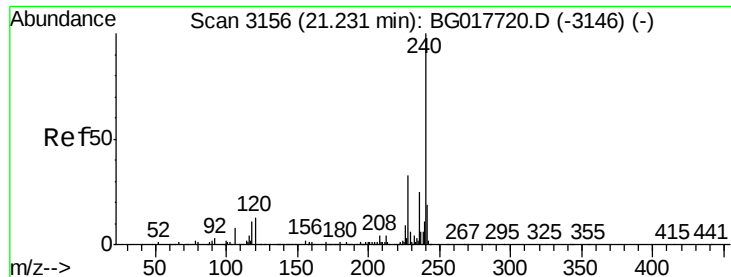
Tgt Ion:149 Resp: 89954
Ion Ratio Lower Upper
149 100
150 9.4 8.6 12.8
104 6.1 5.0 7.6



#74
Fluoranthene
Concen: 3.33 ng
RT: 19.08 min Scan# 2790
Delta R.T. -0.02 min
Lab File: BG017749.D
Acq: 22 Jun 2015 17:27

Tgt Ion:202 Resp: 87407
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.3
203 16.1 0.0 39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

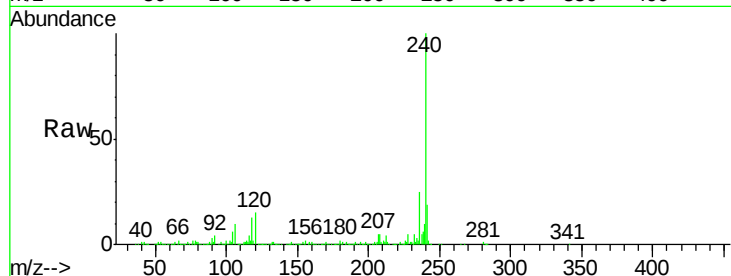
Tgt Ion:240 Resp: 444405

Ion Ratio Lower Upper

240 100

120 15.3 10.8 16.2

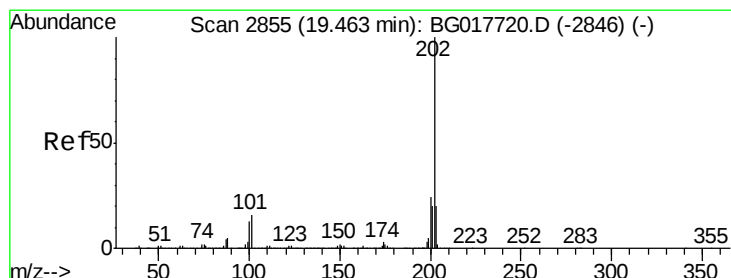
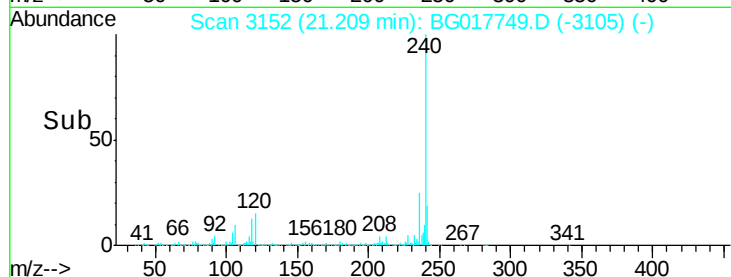
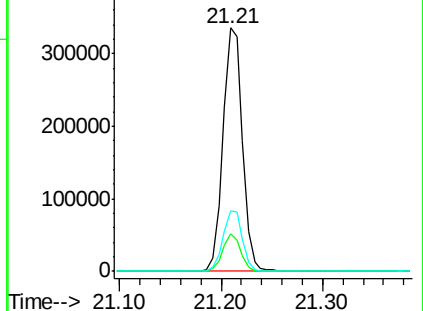
236 25.1 20.0 30.0



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



#77

Pyrene

Concen: 3.22 ng

RT: 19.45 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

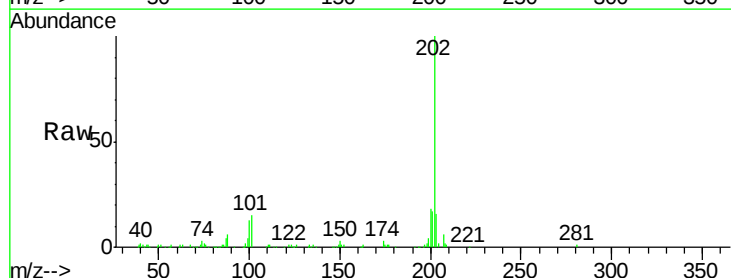
Tgt Ion:202 Resp: 91190

Ion Ratio Lower Upper

202 100

200 18.2 18.8 28.2#

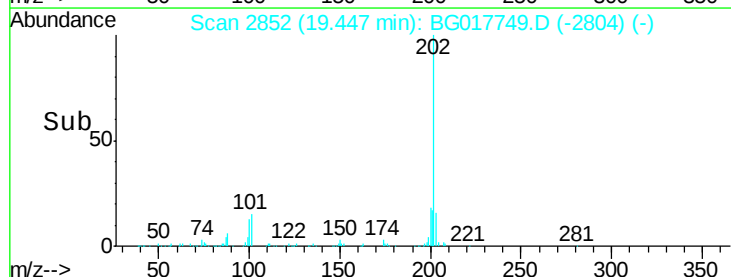
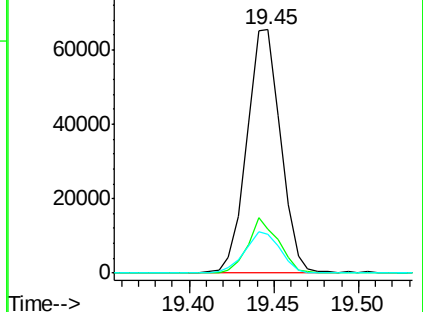
203 16.1 15.9 23.9

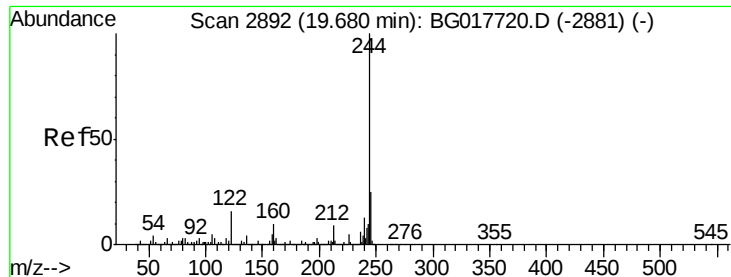


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.00 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

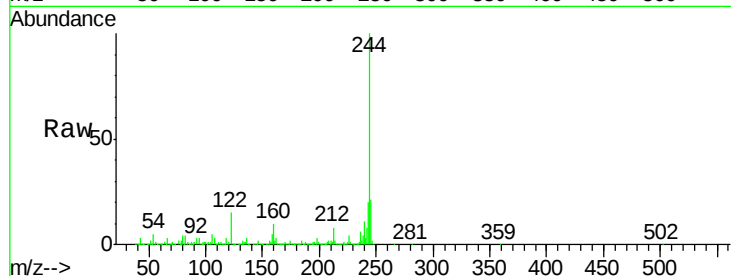
Tgt Ion:244 Resp: 1290738

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

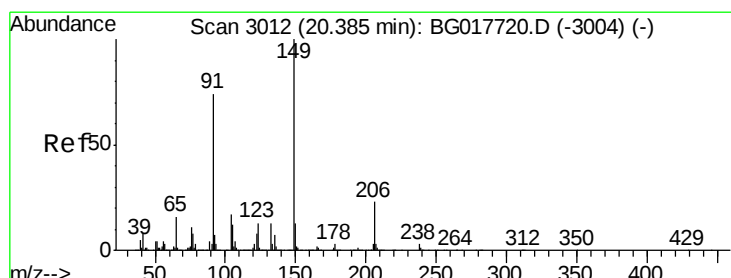
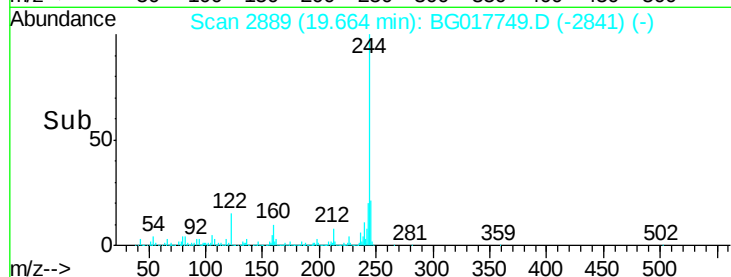
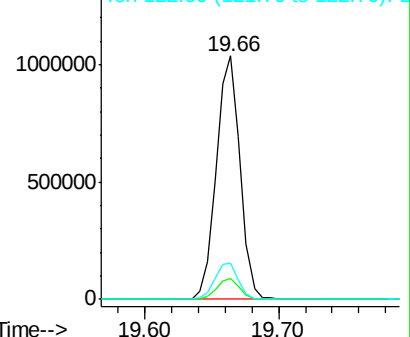
122 14.7 12.8 19.2



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: 2.87 ng

RT: 20.36 min Scan# 3008

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

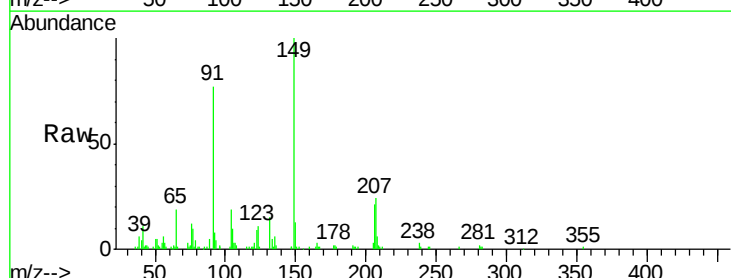
Tgt Ion:149 Resp: 38425

Ion Ratio Lower Upper

149 100

91 77.1 59.5 89.3

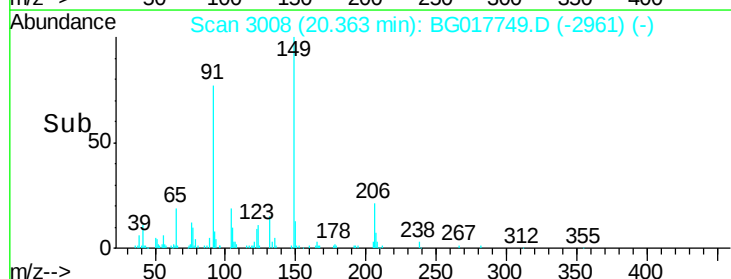
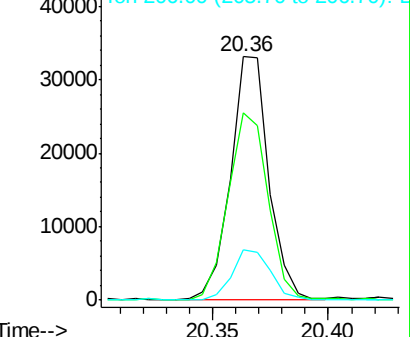
206 20.7 18.5 27.7

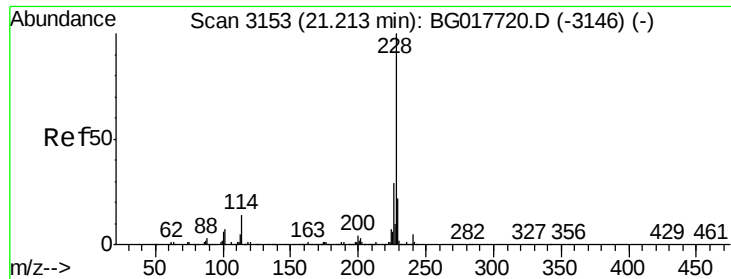


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 3.25 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

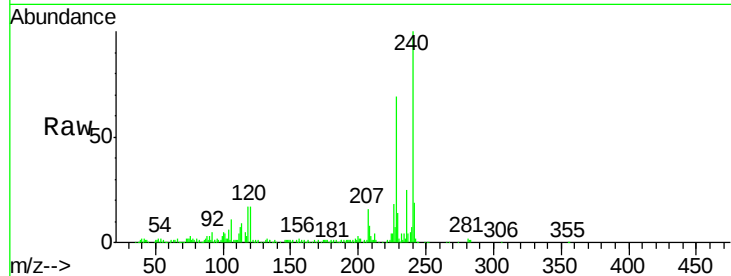
Tgt Ion:228 Resp: 83073

Ion Ratio Lower Upper

228 100

226 25.7 23.1 34.7

229 20.6 17.4 26.0

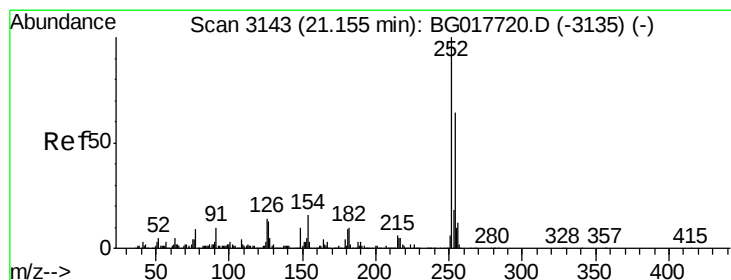
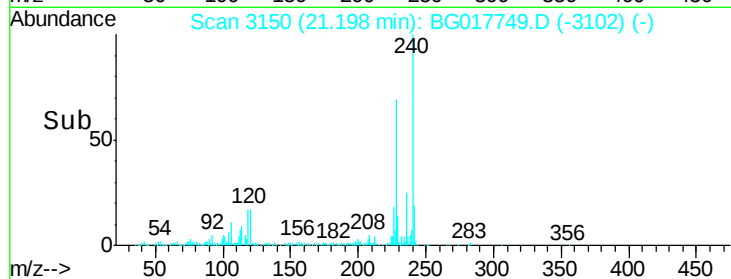
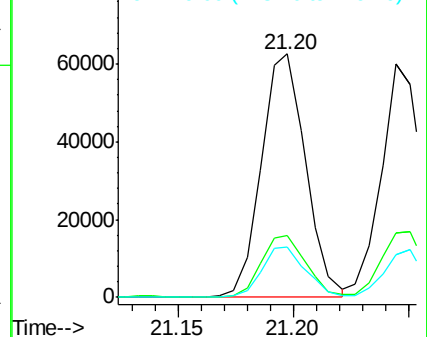


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 2.10 ng

RT: 21.13 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

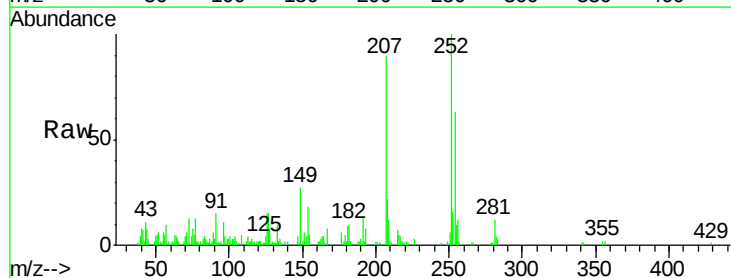
Tgt Ion:252 Resp: 20015

Ion Ratio Lower Upper

252 100

254 63.1 51.2 76.8

126 14.7 11.4 17.0

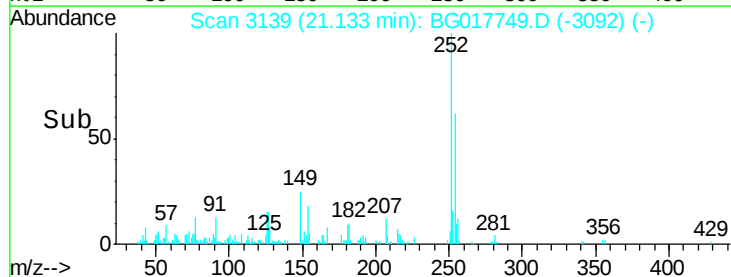
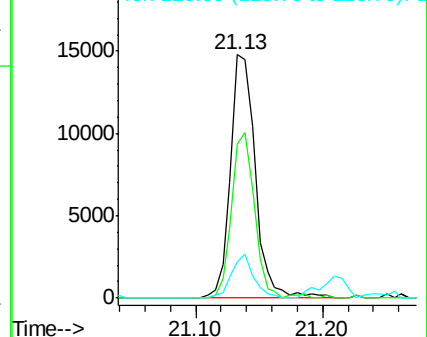


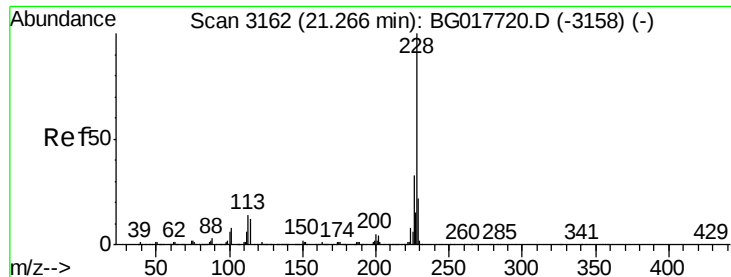
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 3.22 ng

RT: 21.24 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

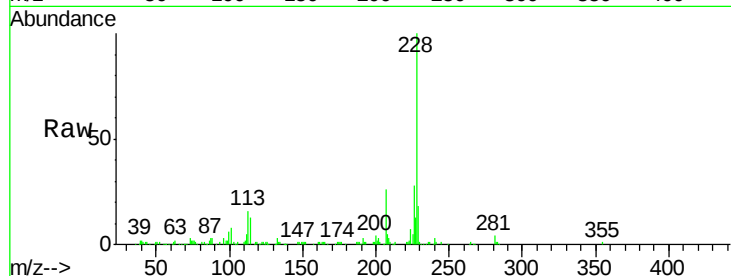
Tgt Ion:228 Resp: 75707

Ion Ratio Lower Upper

228 100

226 27.6 26.1 39.1

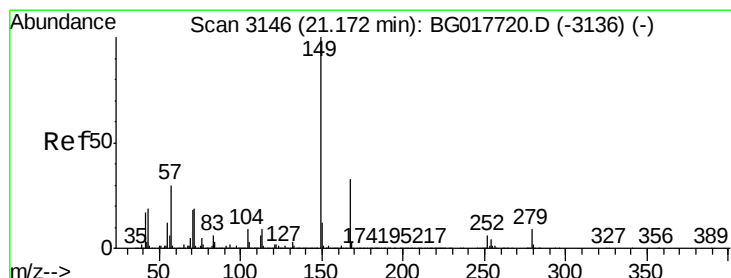
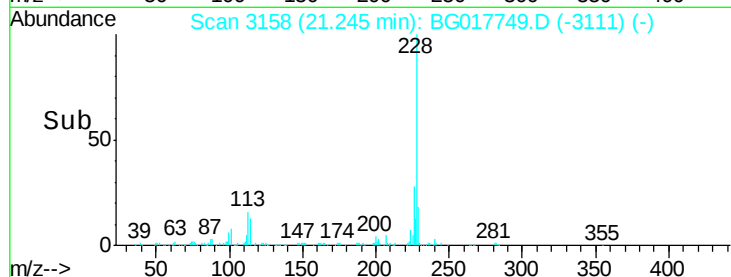
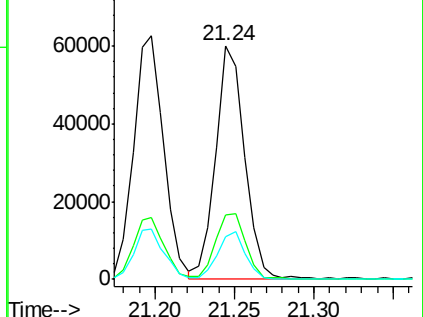
229 18.1 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.13 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

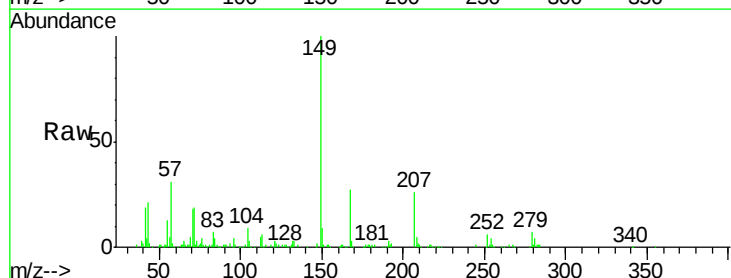
Tgt Ion:149 Resp: 58186

Ion Ratio Lower Upper

149 100

167 27.4 26.6 39.8

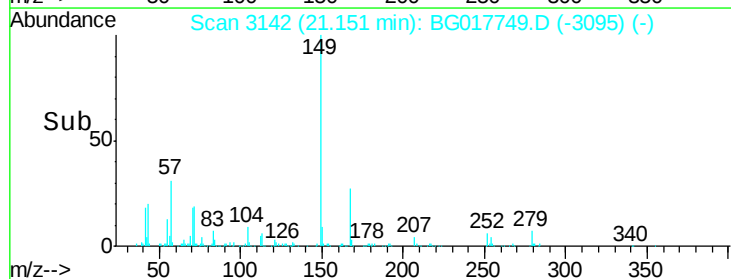
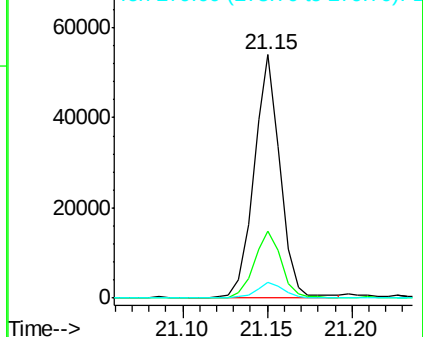
279 6.7 6.9 10.3#

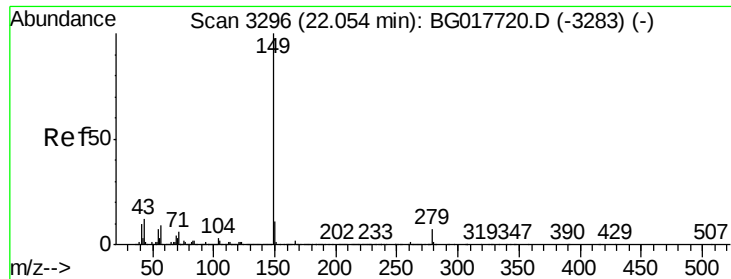


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.86 ng

RT: 22.03 min Scan# 3291

Delta R.T. -0.03 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

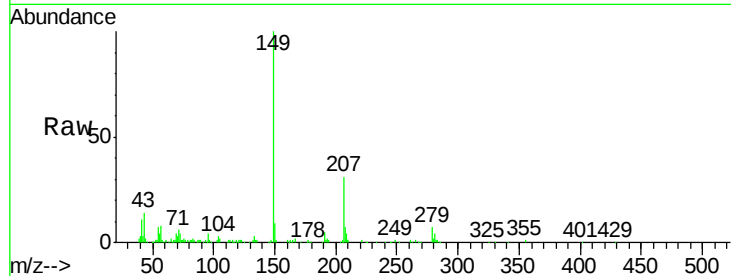
Tgt Ion:149 Resp: 87206

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

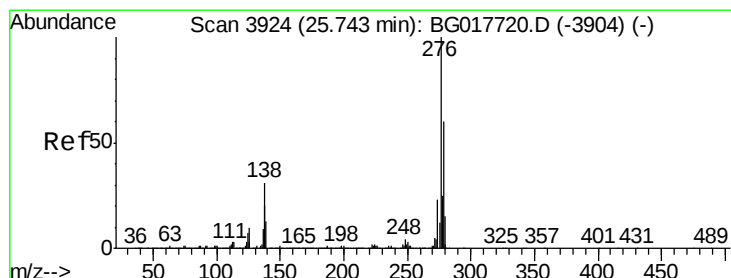
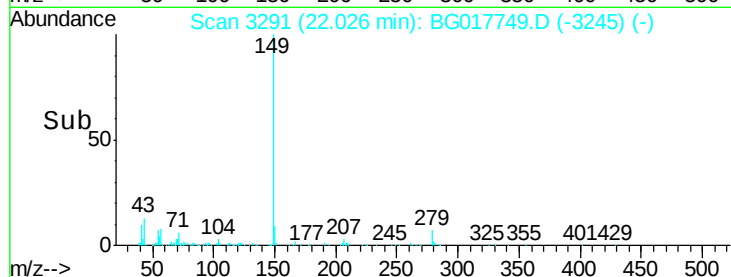
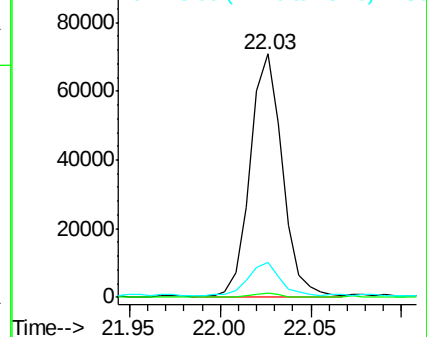
43 13.7 9.7 14.5



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): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.84 ng

RT: 25.69 min Scan# 3915

Delta R.T. -0.05 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

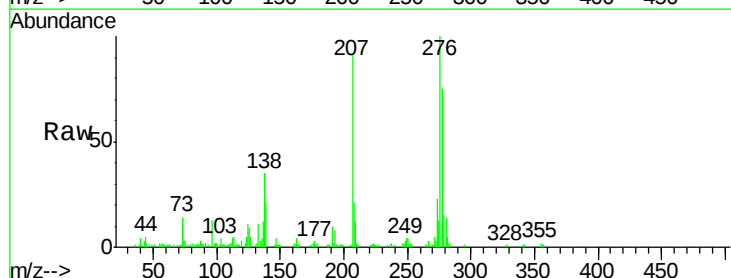
Tgt Ion:276 Resp: 79911

Ion Ratio Lower Upper

276 100

138 34.4 25.4 38.0

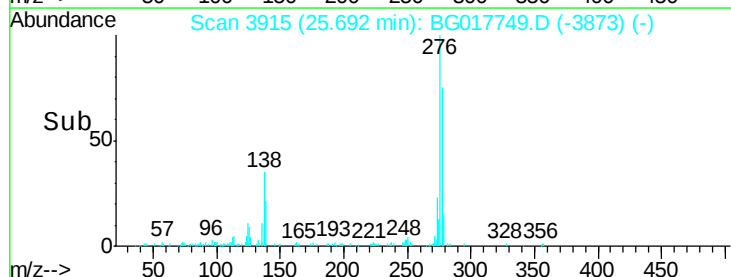
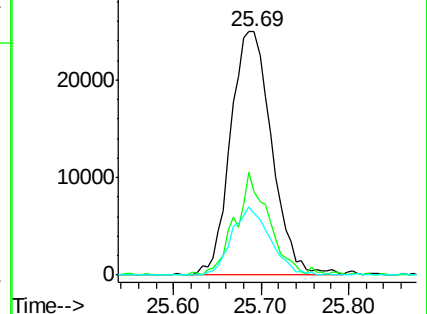
277 25.9 21.0 31.4

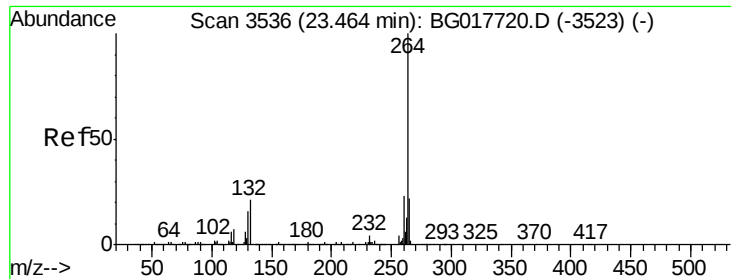


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3531

Delta R.T. -0.03 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

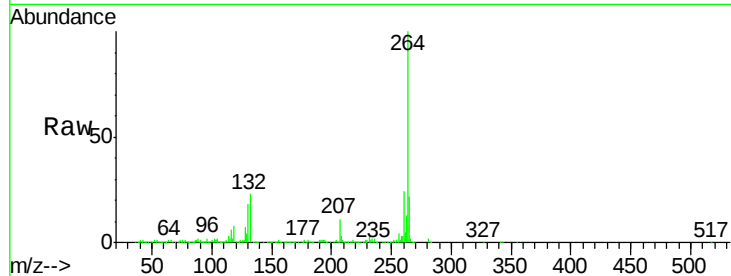
Tgt Ion:264 Resp: 410622

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

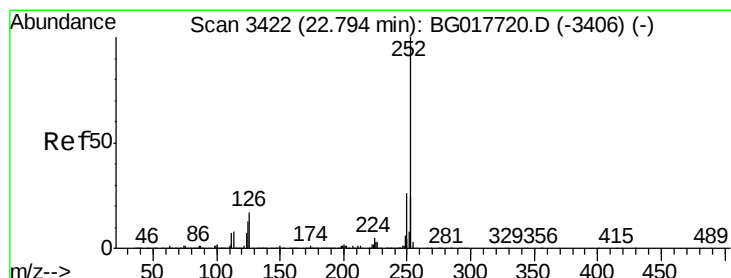
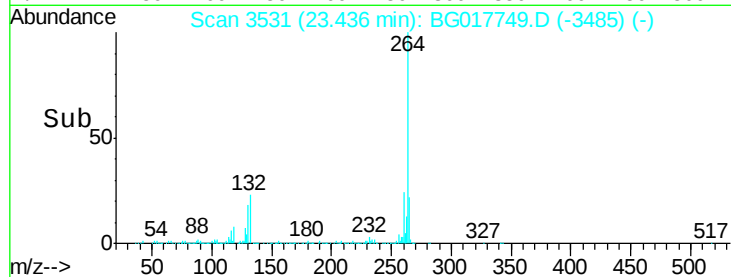
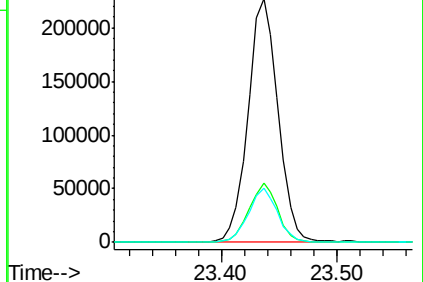
265 22.0 18.2 27.2



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: 3.19 ng

RT: 22.77 min Scan# 3417

Delta R.T. -0.03 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

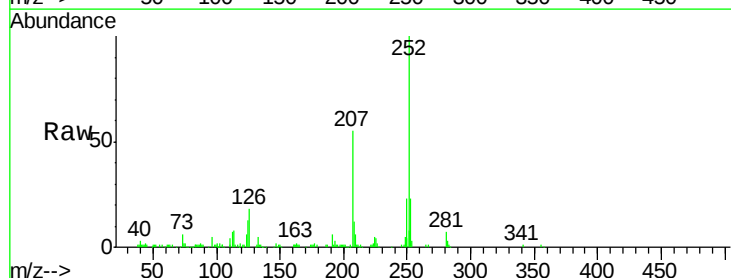
Tgt Ion:252 Resp: 78827

Ion Ratio Lower Upper

252 100

253 22.7 19.7 29.5

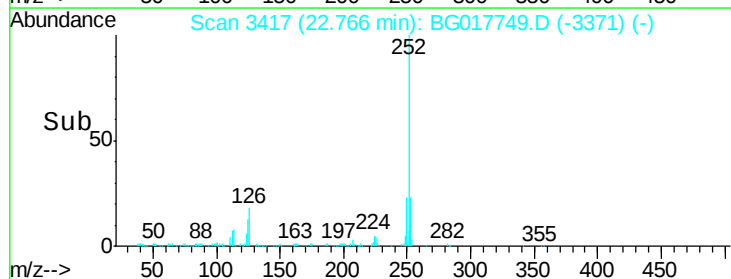
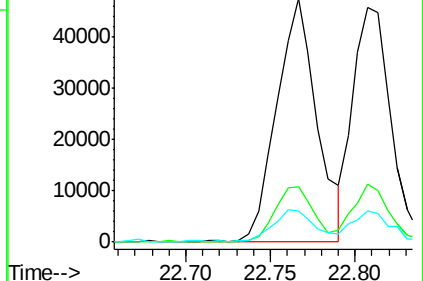
125 12.5 10.6 15.8

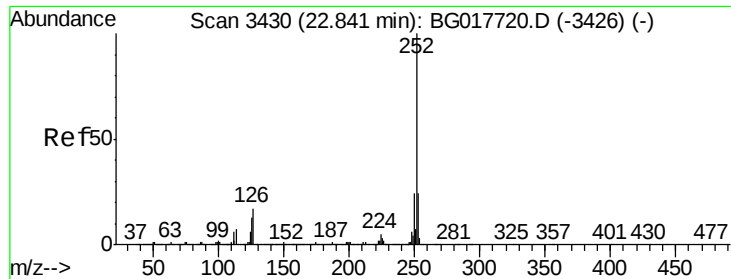


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.00 ng

RT: 22.81 min Scan# 3424

Delta R.T. -0.03 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

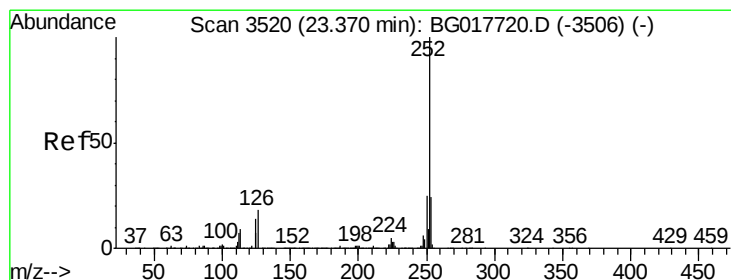
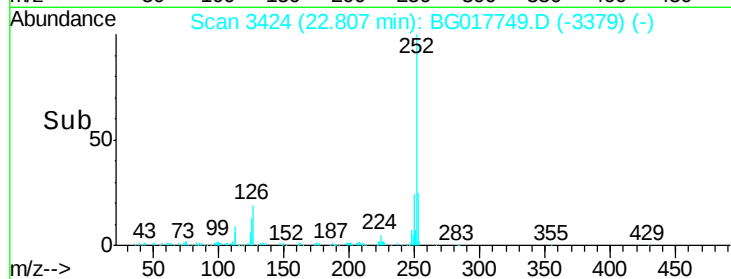
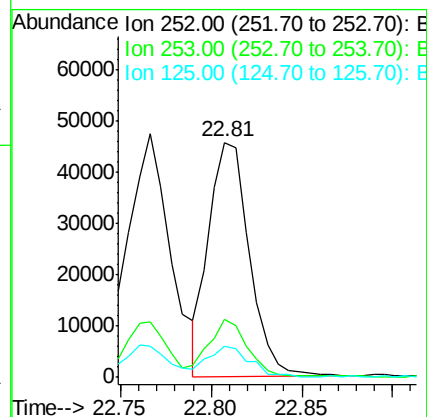
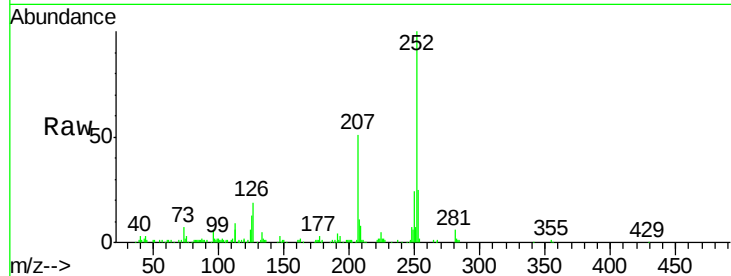
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	252	Resp:	70856
Ion Ratio	Lower	Upper	
252	100		
253	24.7	19.0	28.6
125	13.1	10.3	15.5



#89

Benzo(a)pyrene

Concen: 3.12 ng

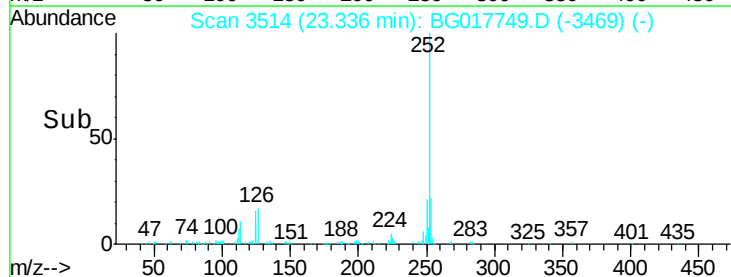
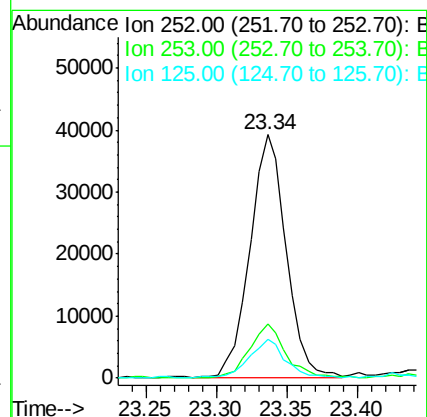
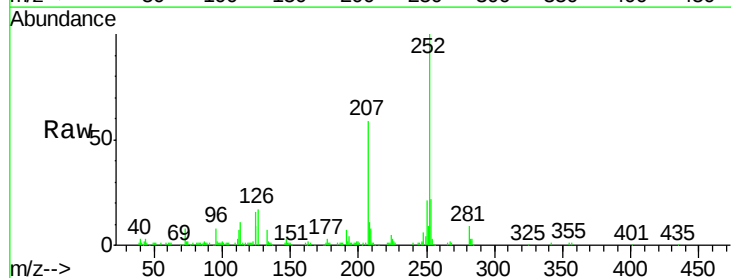
RT: 23.34 min Scan# 3514

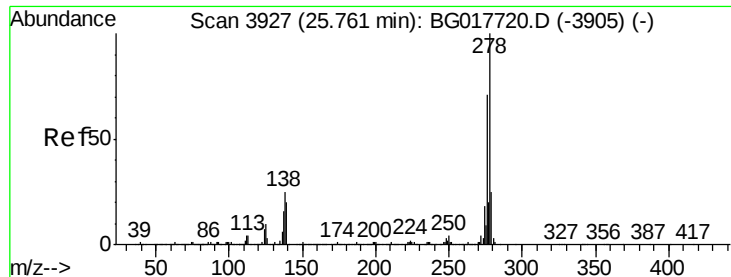
Delta R.T. -0.03 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Tgt Ion:	252	Resp:	70935
Ion Ratio	Lower	Upper	
252	100		
253	22.1	19.0	28.6
125	16.1	11.1	16.7





#90

Dibenzo(a,h)anthracene

Concen: 2.85 ng

RT: 25.70 min Scan# 3916

Delta R.T. -0.06 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

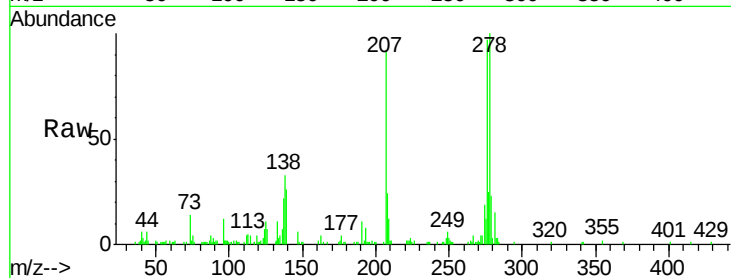
Tgt Ion:278 Resp: 65463

Ion Ratio Lower Upper

278 100

139 26.0 16.2 24.2#

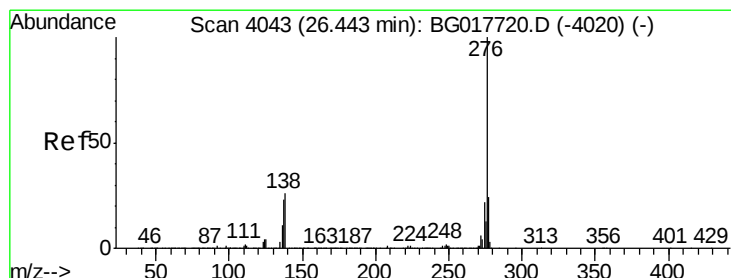
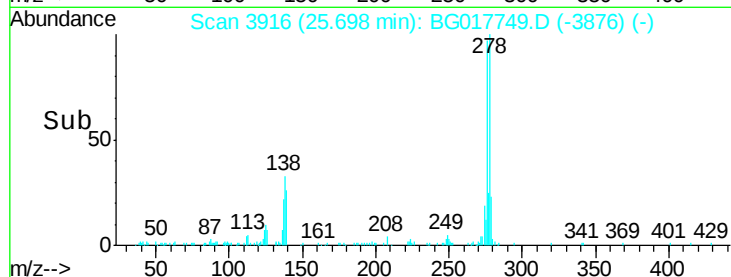
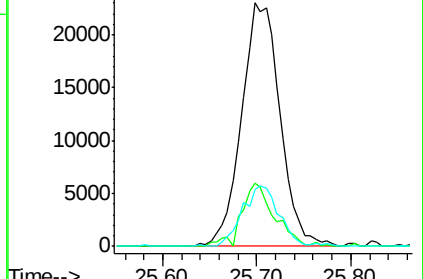
279 23.4 19.9 29.9



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: 2.97 ng

RT: 26.38 min Scan# 4032

Delta R.T. -0.06 min

Lab File: BG017749.D

Acq: 22 Jun 2015 17:27

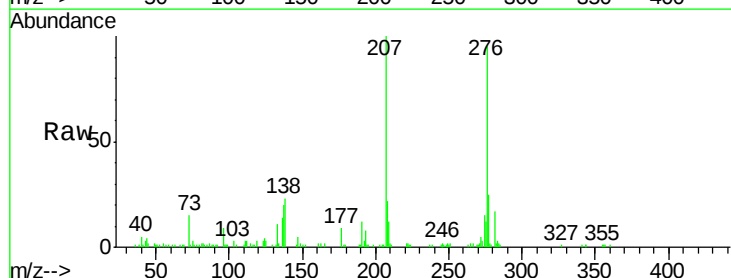
Tgt Ion:276 Resp: 66181

Ion Ratio Lower Upper

276 100

277 25.9 18.9 28.3

138 23.7 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

