

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035877.D
 Acq On : 25 Jul 2018 17:10
 Operator : JU/SJ
 Sample : J4119-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

Quant Time: Jul 25 17:58:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33042	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	124302	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	93324	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	288697	20.00	ng	0.00
75) Chrysene-d12	21.66	240	307245	20.00	ng	0.00
86) Perylene-d12	24.85	264	293767	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	238910	120.04	ng	0.00
7) Phenol-d6	7.19	99	309533	104.24	ng	0.00
23) Nitrobenzene-d5	9.18	82	269224	90.48	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	200883	163.31	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	665683	95.56	ng	0.00
78) Terphenyl-d14	20.00	244	1431789	102.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	123	0.121	ng	# 1
3) Pyridine	3.92	79	55	0.021	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	774	0.682	ng	# 1
6) Aniline	7.56	93	181	0.047	ng	# 1
8) 2-Chlorophenol	7.56	128	57	0.028	ng	# 1
9) Benzaldehyde	7.19	77	280	0.154	ng	# 34
10) Phenol	7.22	94	881	0.294	ng	# 1
11) bis(2-Chloroethyl)ether	7.56	93	181	0.077	ng	# 1
12) 1,3-Dichlorobenzene	8.34	146	99	0.041	ng	# 1
13) 1,4-Dichlorobenzene	8.34	146	99	0.040	ng	# 1
14) 1,2-Dichlorobenzene	8.34	146	99	0.041	ng	# 1
15) Benzyl Alcohol	8.34	79	4192	1.555	ng	# 57
16) 2,2'-oxybis(1-Chloropropan	8.55	45	230	0.117	ng	# 75
18) Hexachloroethane	9.07	117	58	0.061	ng	# 1
19) n-Nitroso-di-n-propylamine	9.18	70	38497	15.396	ng	# 69
20) 3+4-Methylphenols	9.16	107	75	0.027	ng	# 24
22) Acetophenone	8.86	105	175	0.045	ng	# 50
24) Nitrobenzene	9.22	77	56	0.019	ng	# 42
25) Isophorone	9.63	82	457	0.083	ng	# 69
29) 2,4-Dichlorophenol	10.10	162	54	0.026	ng	# 23
30) 1,2,4-Trichlorobenzene	11.09	180	53	0.021	ng	# 12
31) Naphthalene	10.88	128	3092	0.478	ng	# 68
33) 4-Chloroaniline	10.88	127	177	0.063	ng	# 46
37) 2-Methylnaphthalene	12.53	142	55	0.011	ng	# 17
42) 2,4,6-Trichlorophenol	13.26	196	61	0.030	ng	# 11
43) 2,4,5-Trichlorophenol	13.26	196	61	0.026	ng	# 1
45) 1,1'-Biphenyl	13.49	154	746	0.103	ng	# 75
47) 2-Nitroaniline	14.15	65	77	0.039	ng	# 9
48) Acenaphthylene	14.85	152	80	0.008	ng	# 59
49) Dimethylphthalate	14.14	163	1193	0.146	ng	# 77
50) 2,6-Dinitrotoluene	14.65	165	12422	7.460	ng	# 20
51) Acenaphthene	14.71	154	521	0.089	ng	# 55
52) 3-Nitroaniline	14.56	138	56	0.033	ng	# 1
53) 2,4-Dinitrophenol	15.02	184	54	6.640	ng	# 1

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 ALS Vial : 4 Sample Multiplier: 1

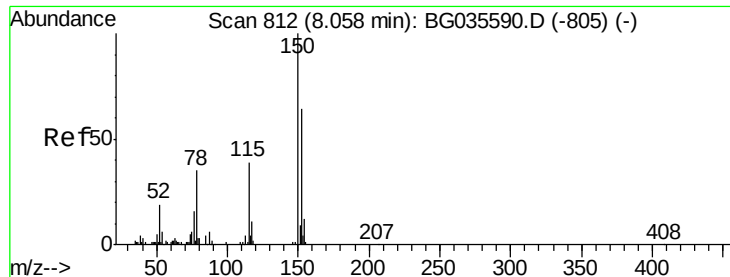
Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

Quant Time: Jul 25 17:58:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) Dibenzofuran	15.07	168	91	0.010	ng	# 46
55) 4-Nitrophenol	14.91	139	80	0.066	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	12422	5.200	ng	# 18
57) Fluorene	15.71	166	259	0.033	ng	# 7
59) Diethylphthalate	15.45	149	92	0.011	ng	# 58
60) 4-Chlorophenyl-phenylether	16.09	204	68	0.015	ng	# 30
61) 4-Nitroaniline	16.04	138	74	0.042	ng	# 12
62) Azobenzene	15.99	77	55	0.007	ng	# 48
64) 4,6-Dinitro-2-methylphenol	16.15	198	652	0.406	ng	# 69
65) n-Nitrosodiphenylamine	16.14	169	8517	1.036	ng	# 50
66) 4-Bromophenyl-phenylether	16.14	248	14418	4.305	ng	# 1
67) Hexachlorobenzene	17.10	284	59	0.017	ng	# 41
70) Phenanthrene	17.44	178	1292	0.090	ng	# 60
71) Anthracene	17.54	178	74	0.005	ng	# 59
72) Carbazole	17.61	167	62	0.005	ng	# 59
73) Di-n-butylphthalate	18.36	149	2273	0.141	ng	# 77
74) Fluoranthene	19.47	202	344	0.018	ng	# 65
76) Benzidine	20.00	184	25833	3.198	ng	# 96
77) Pyrene	19.82	202	477	0.025	ng	# 57
79) Butylbenzylphthalate	20.70	149	55	0.008	ng	# 20
80) Benzo(a)anthracene	21.66	228	730	0.038	ng	# 50
81) 3,3'-Dichlorobenzidine	21.52	252	54	0.008	ng	# 26
82) Chrysene	21.71	228	76	0.004	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.53	149	955	0.101	ng	# 91
84) Di-n-octyl phthalate	22.75	149	57	0.004	ng	# 1
85) Indeno(1,2,3-cd)pyrene	28.64	276	56	0.003	ng	# 53
87) Benzo(b)fluoranthene	23.88	252	108	0.006	ng	# 1
88) Benzo(k)fluoranthene	23.88	252	108	0.006	ng	# 1
89) Benzo(a)pyrene	24.71	252	62	0.004	ng	# 59
90) Dibenzo(a,h)anthracene	28.59	278	64	0.004	ng	# 58
91) Benzo(g,h,i)perylene	29.40	276	57	0.004	ng	# 56

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

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Sample    : J4119-05  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
```

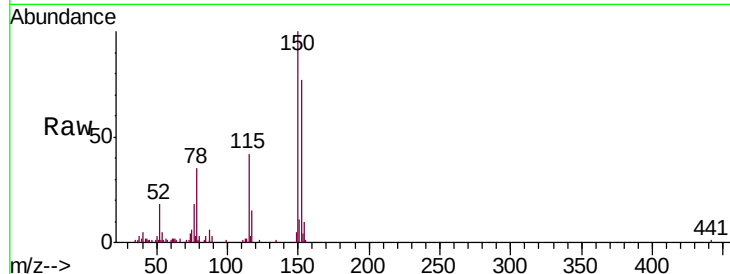


#1

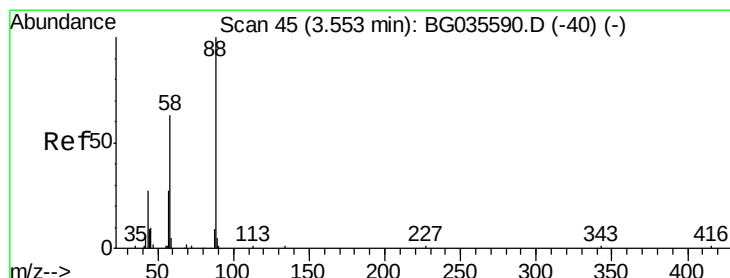
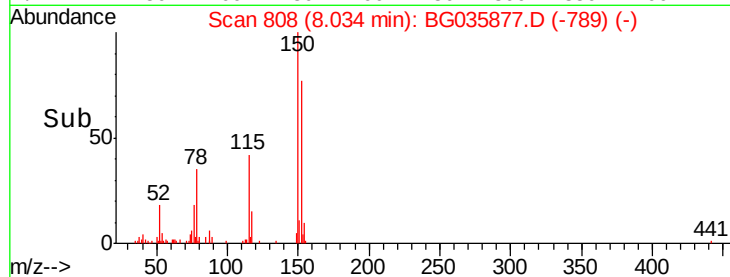
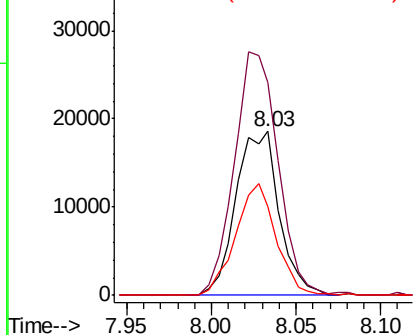
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. 0.01 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

Tgt Ion:152 Resp: 33042
Ion Ratio Lower Upper
152 100
150 130.0 126.6 189.8
115 54.5 53.0 79.4



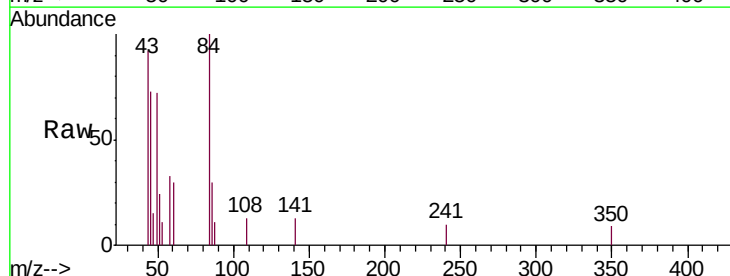
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



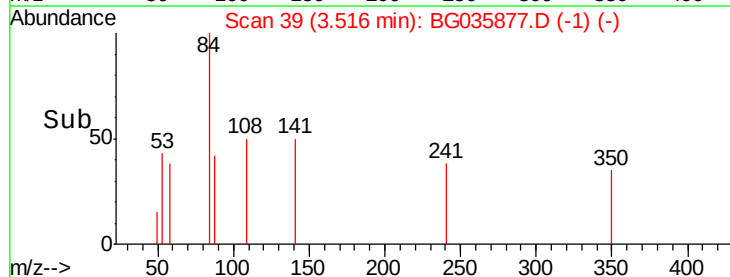
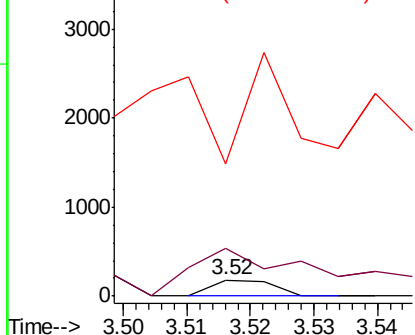
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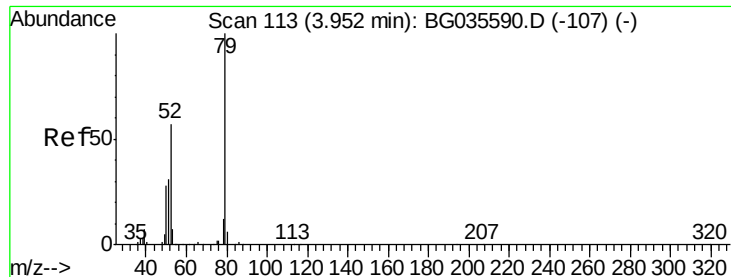
1,4-Dioxane
Concen: 0.121 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
58 649.6 79.6 119.4#
43 0.0 27.4 41.0#



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: 0.021 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

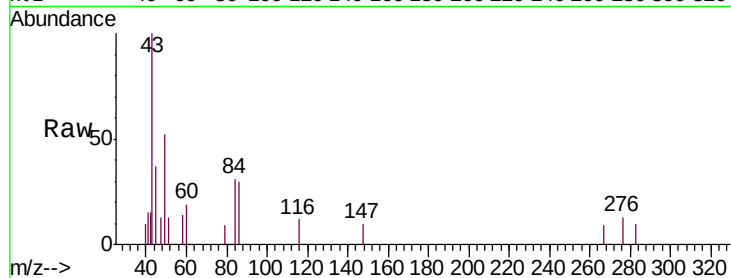
Tgt Ion: 79 Resp: 55

Ion Ratio Lower Upper

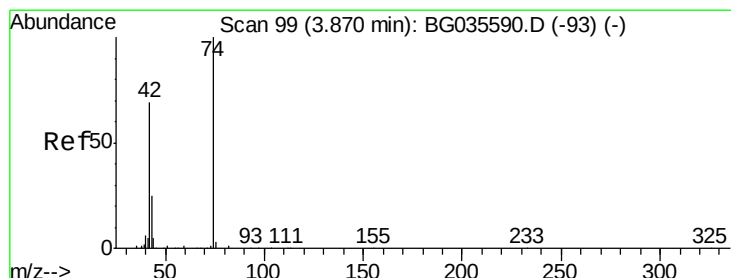
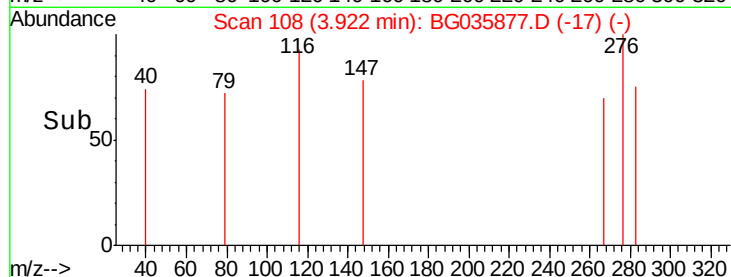
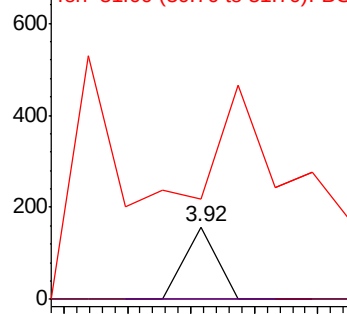
79 100

52 0.0 69.9 104.9#

51 139.5 34.0 51.0#



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



#4

n-Nitrosodimethylamine

Concen: 0.682 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.02 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

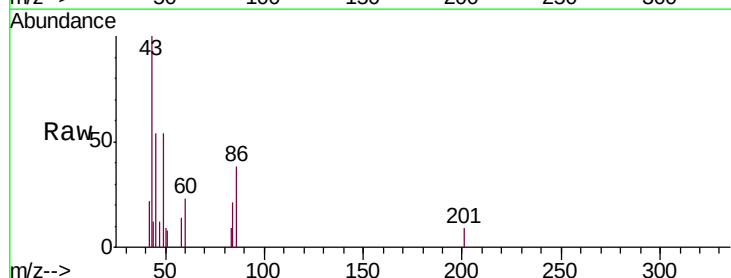
Tgt Ion: 42 Resp: 774

Ion Ratio Lower Upper

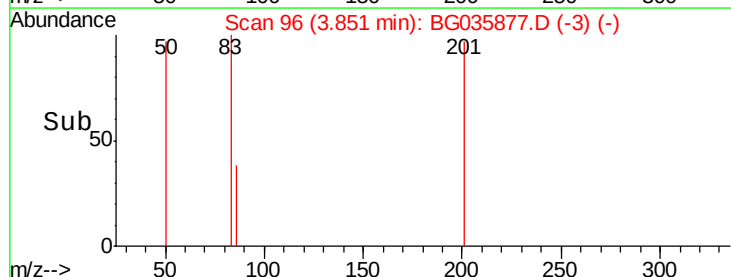
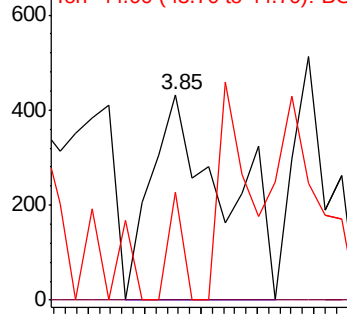
42 100

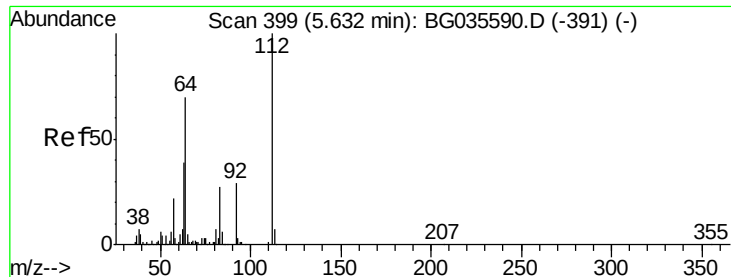
74 0.0 102.5 153.7#

44 52.5 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 120.043 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

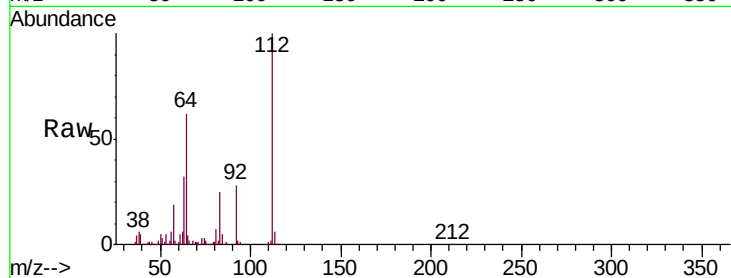
Tgt Ion: 112 Resp: 238910

Ion Ratio Lower Upper

112 100

64 62.4 56.3 84.5

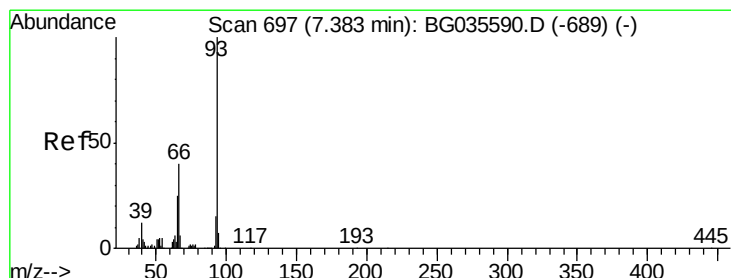
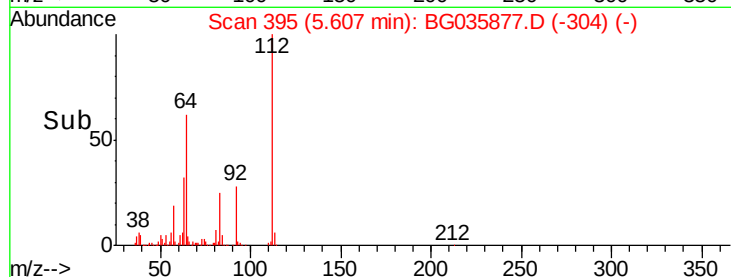
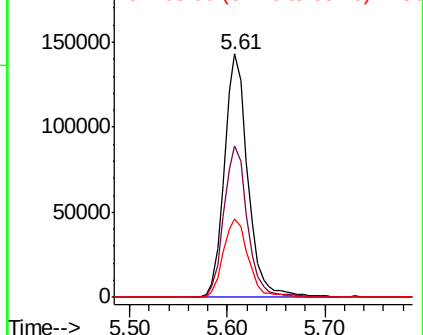
63 32.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.047 ng

RT: 7.56 min Scan# 728

Delta R.T. 0.21 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

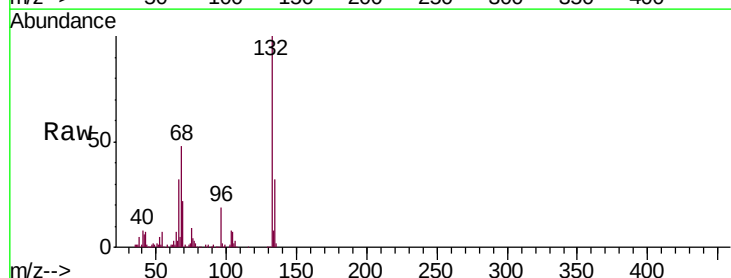
Tgt Ion: 93 Resp: 181

Ion Ratio Lower Upper

93 100

66 16805.5 33.7 50.5#

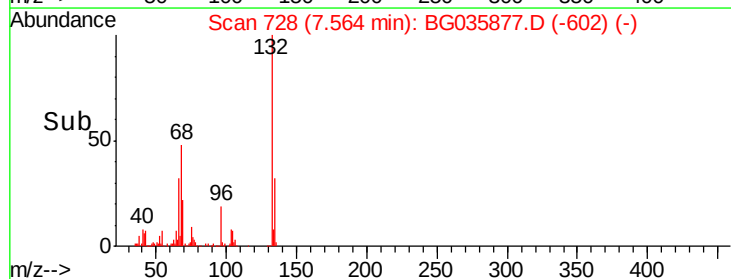
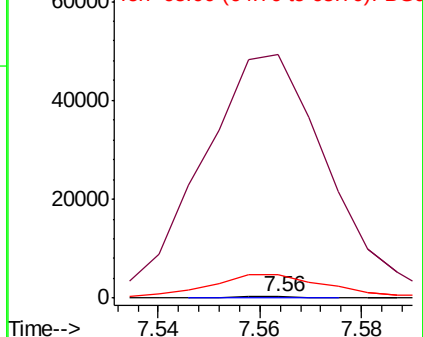
65 1585.3 16.1 24.1#

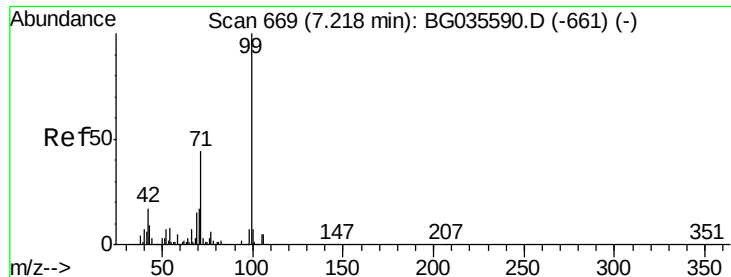


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.242 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

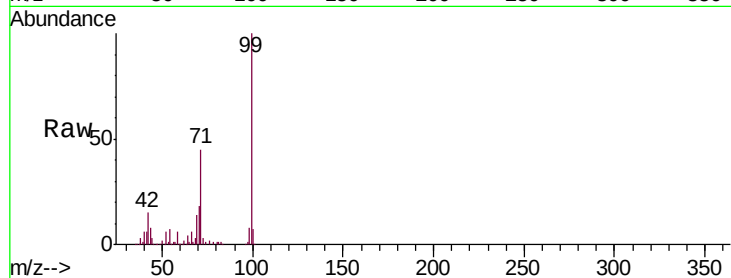
Tgt Ion: 99 Resp: 309533

Ion Ratio Lower Upper

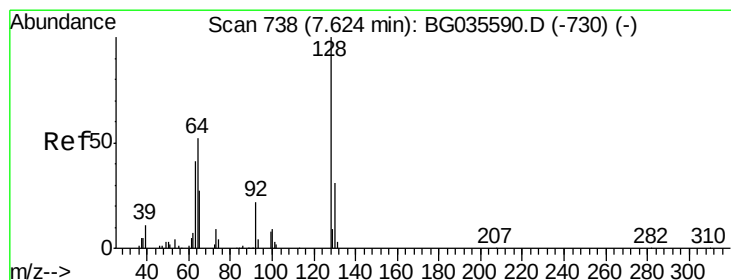
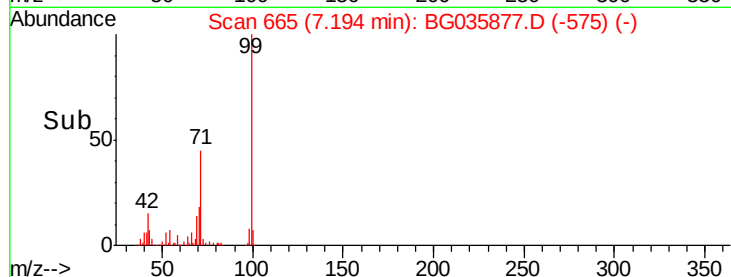
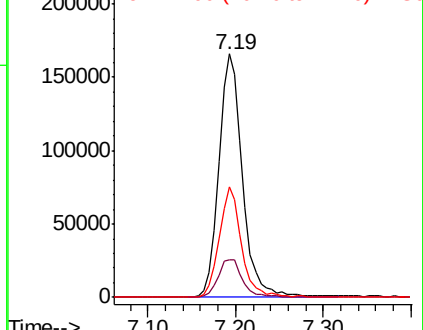
99 100

42 15.4 14.1 21.1

71 45.1 26.1 39.1#



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: 0.028 ng

RT: 7.56 min Scan# 727

Delta R.T. -0.04 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

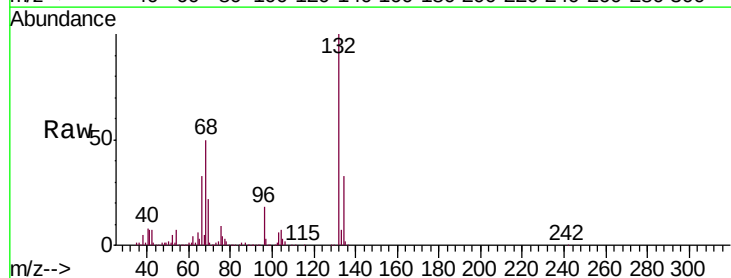
Tgt Ion:128 Resp: 57

Ion Ratio Lower Upper

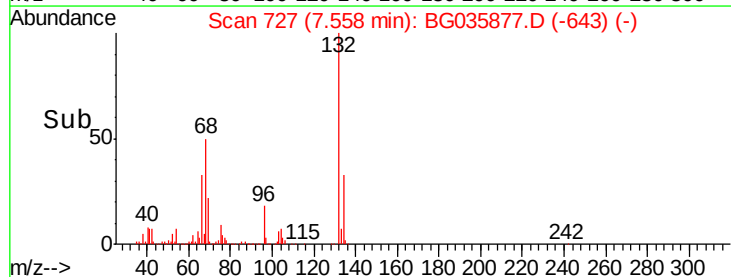
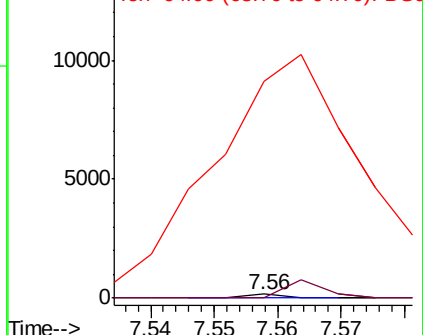
128 100

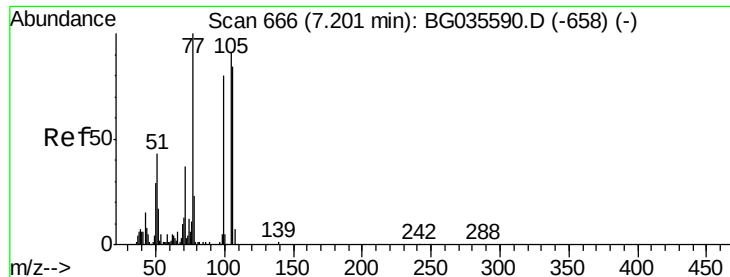
130 0.0 14.0 54.0#

64 5608.0 37.7 77.7#



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: 0.154 ng

RT: 7.19 min Scan# 664

Delta R.T. 0.02 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

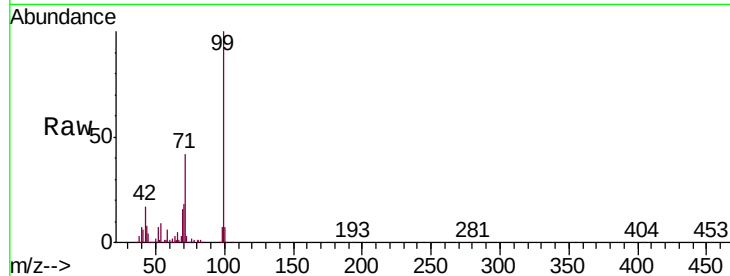
Tgt Ion: 77 Resp: 280

Ion Ratio Lower Upper

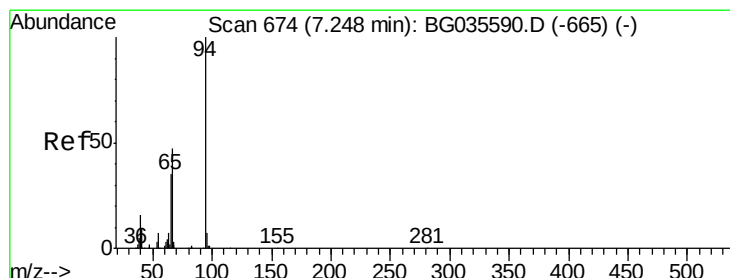
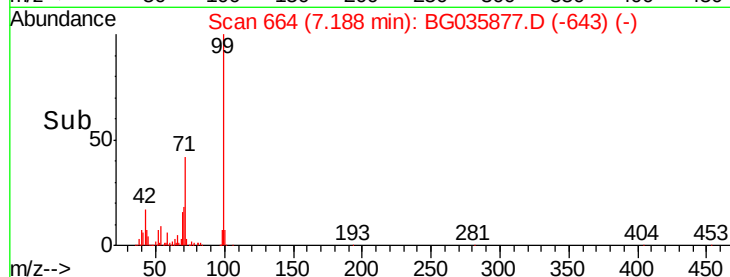
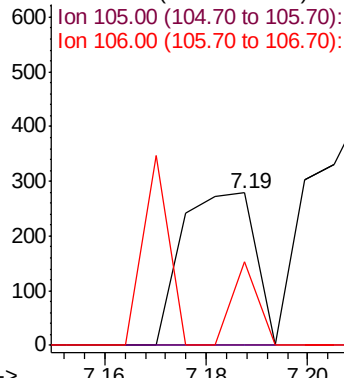
77 100

105 0.0 71.3 111.3#

106 54.5 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.294 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

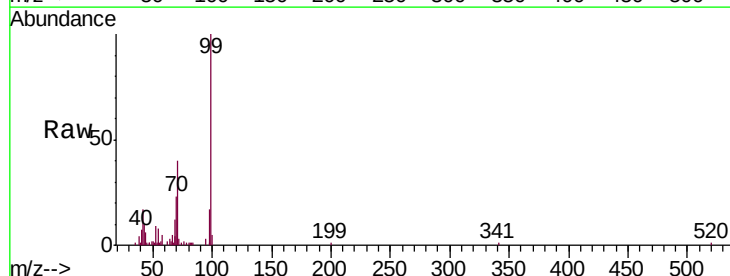
Tgt Ion: 94 Resp: 881

Ion Ratio Lower Upper

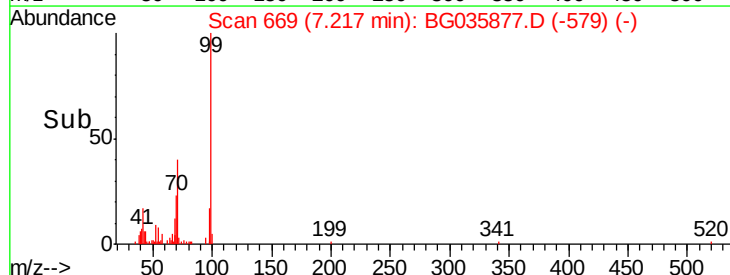
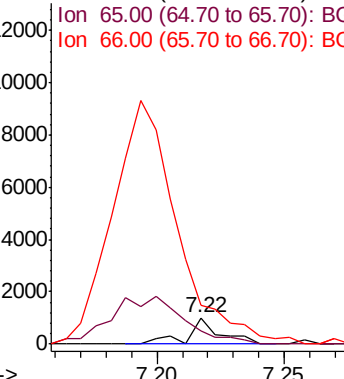
94 100

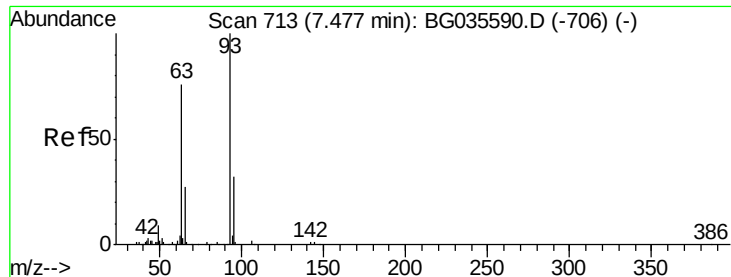
65 48.4 11.9 51.9

66 149.1 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

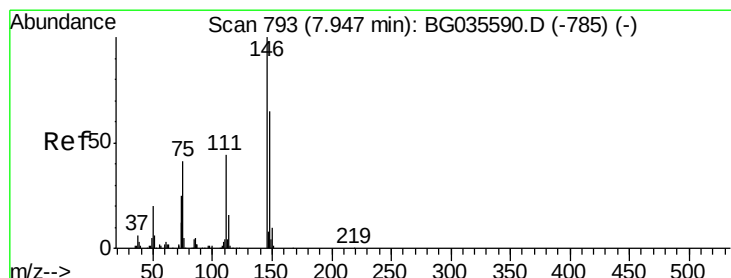
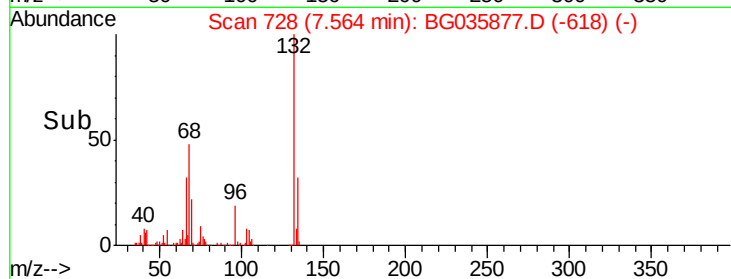
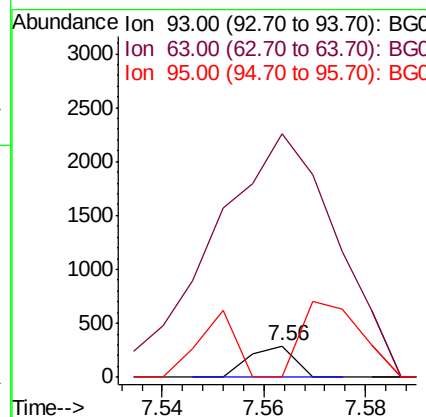
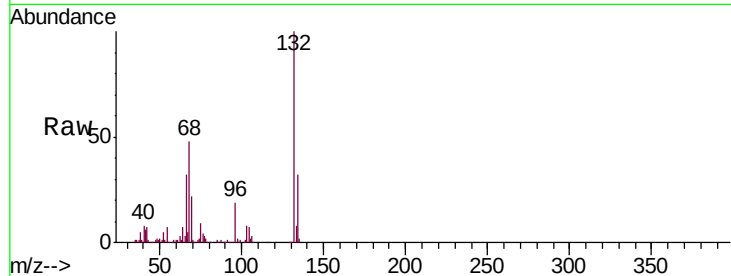




#11
 bis(2-Chloroethyl)ether
 Concen: 0.077 ng
 RT: 7.56 min Scan# 728
 Delta R.T. 0.11 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

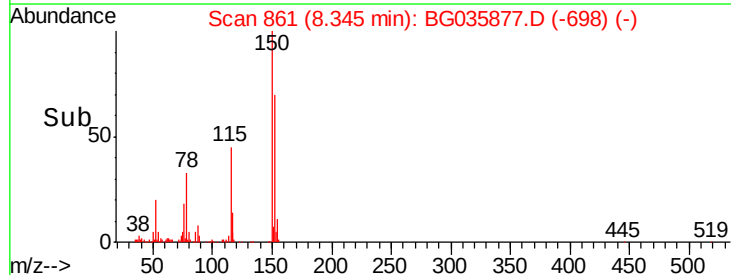
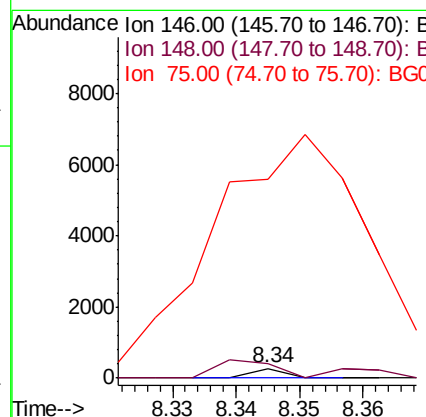
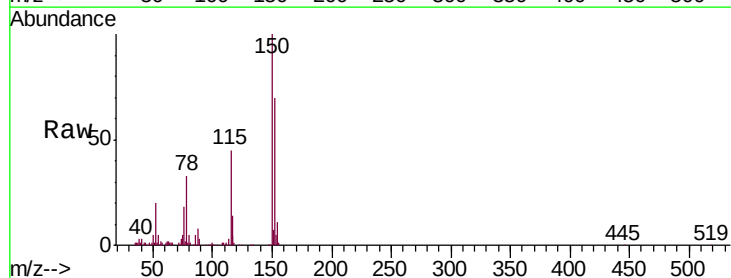
Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

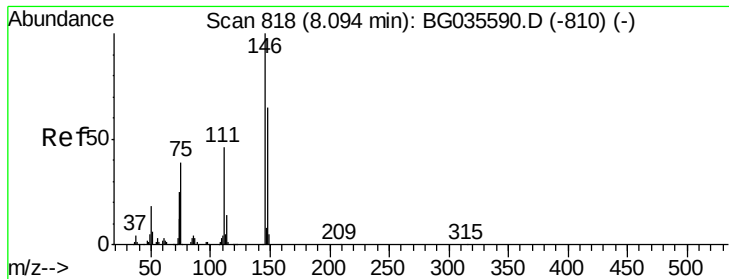
Tgt Ion: 93 Resp: 181
 Ion Ratio Lower Upper
 93 100
 63 770.3 67.1 107.1#
 95 0.0 11.5 51.5#



#12
 1,3-Dichlorobenzene
 Concen: 0.041 ng
 RT: 8.34 min Scan# 861
 Delta R.T. 0.43 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Tgt Ion: 146 Resp: 99
 Ion Ratio Lower Upper
 146 100
 148 146.6 51.4 77.2#
 75 1991.8 26.6 39.8#

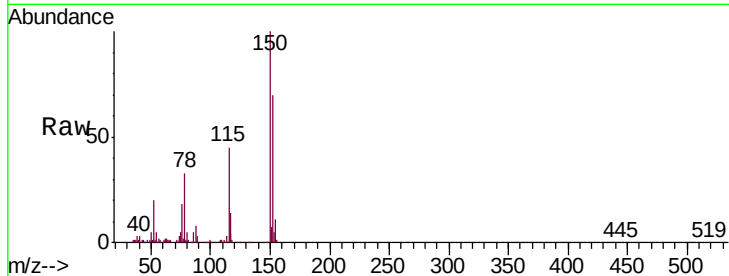




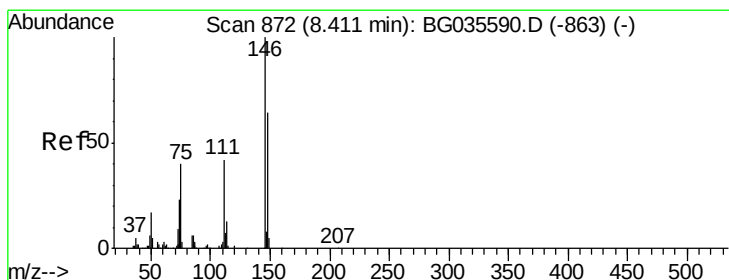
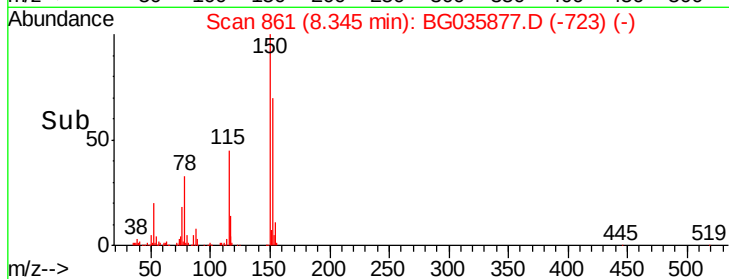
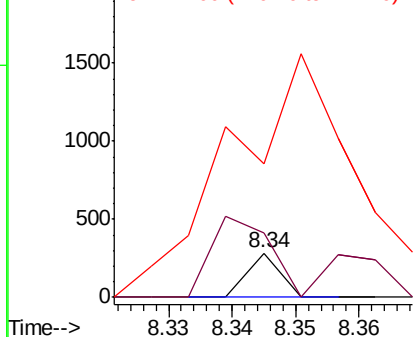
#13
 1,4-Dichlorobenzene
 Concen: 0.040 ng
 RT: 8.34 min Scan# 861
 Delta R.T. 0.28 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

Tgt Ion:146 Resp: 99
 Ion Ratio Lower Upper
 146 100
 148 146.6 53.7 80.5#
 111 303.6 35.2 52.8#

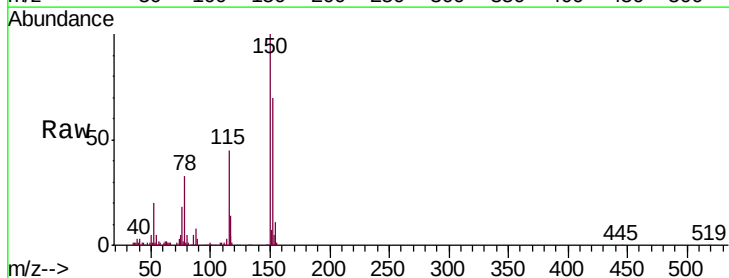


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

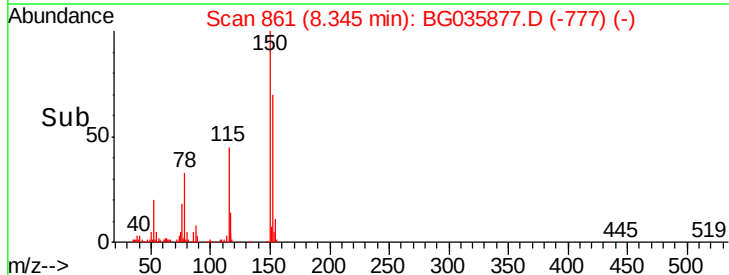
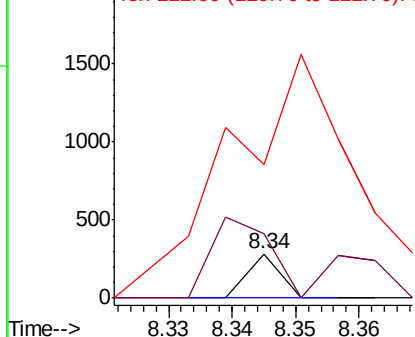


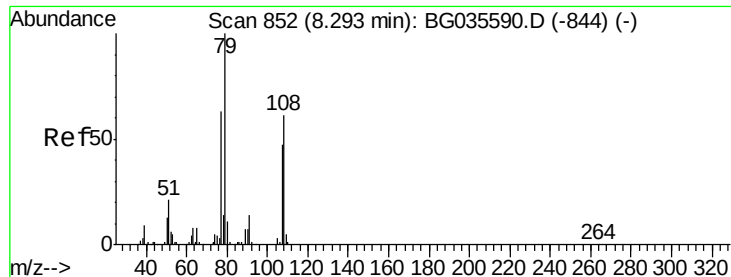
#14
 1,2-Dichlorobenzene
 Concen: 0.041 ng
 RT: 8.34 min Scan# 861
 Delta R.T. -0.04 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Tgt Ion:146 Resp: 99
 Ion Ratio Lower Upper
 146 100
 148 146.6 49.3 73.9#
 111 303.6 34.3 51.5#



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: 1.555 ng

RT: 8.34 min Scan# 860

Delta R.T. 0.07 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

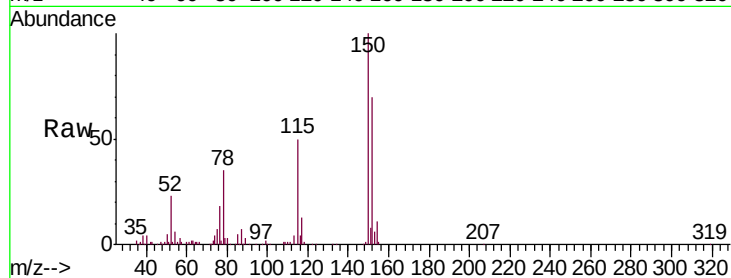
Tgt Ion: 79 Resp: 4192

Ion Ratio Lower Upper

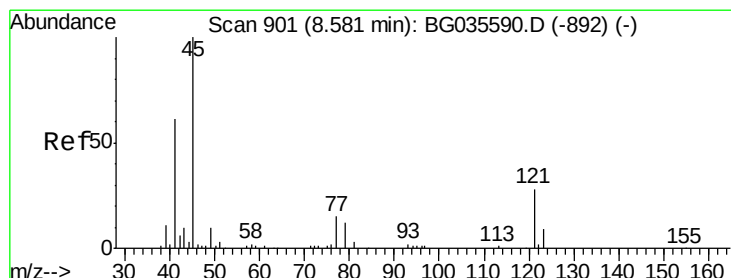
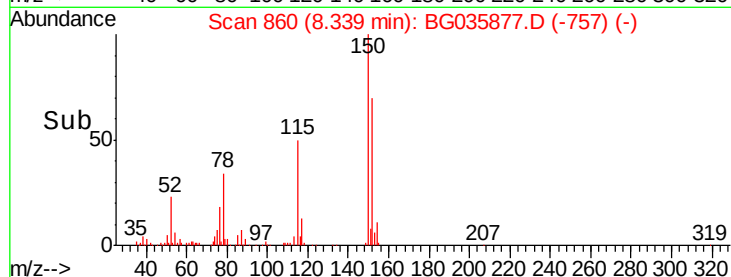
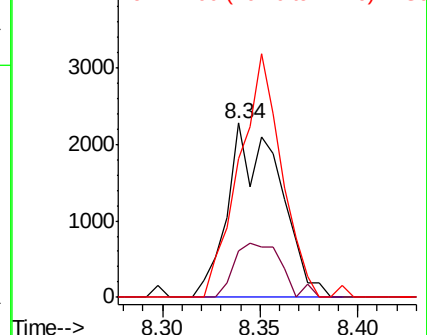
79 100

108 26.9 57.2 85.8#

77 79.8 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.117 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

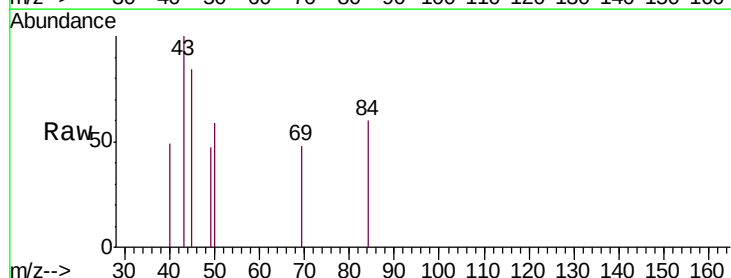
Tgt Ion: 45 Resp: 230

Ion Ratio Lower Upper

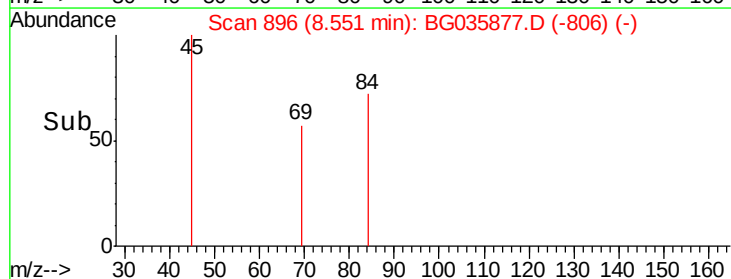
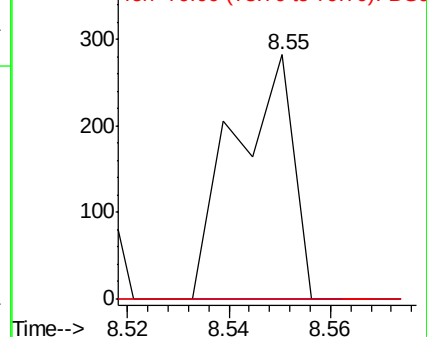
45 100

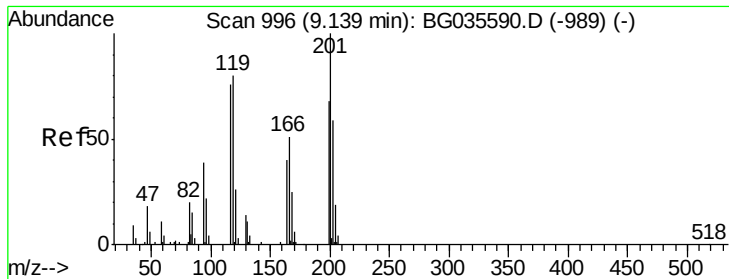
77 0.0 0.0 30.2

79 0.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

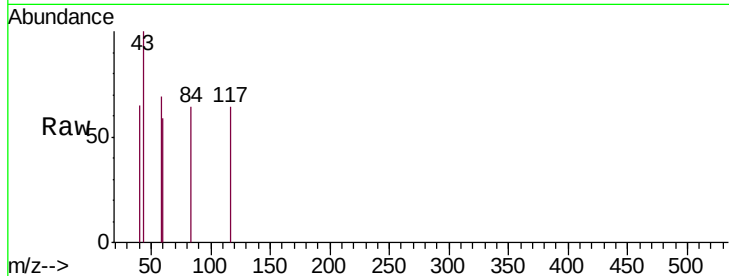




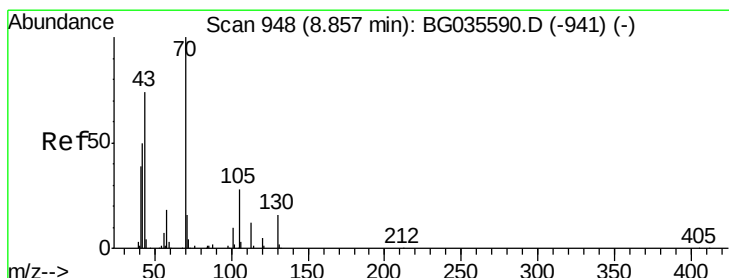
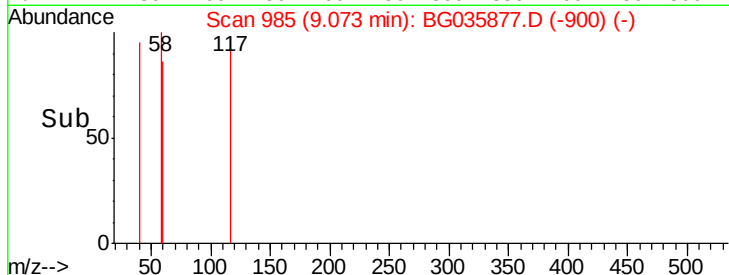
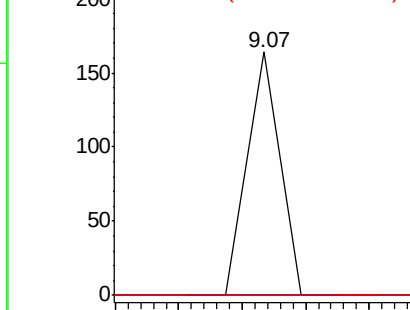
#18
Hexachloroethane
Concen: 0.061 ng
RT: 9.07 min Scan# 985
Delta R.T. -0.03 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

Tgt Ion:117 Resp: 58
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
201 0.0 95.7 143.5#

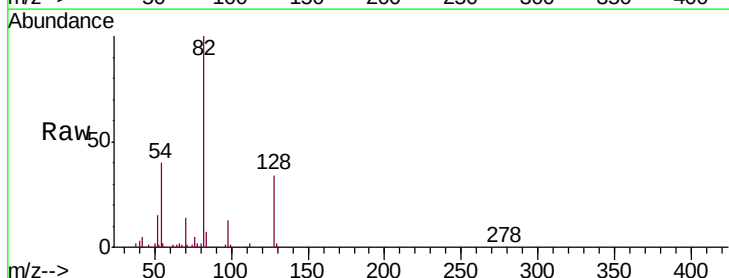


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

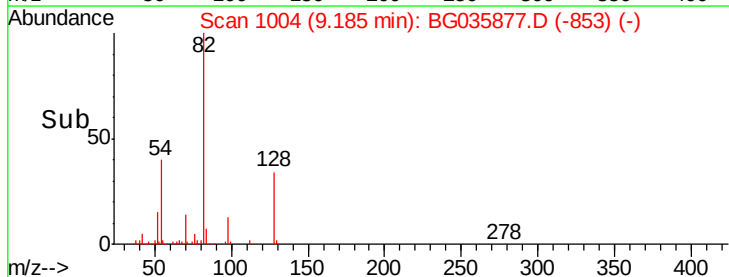
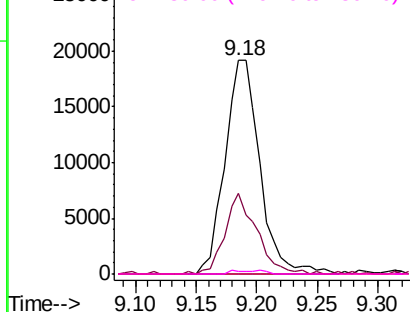


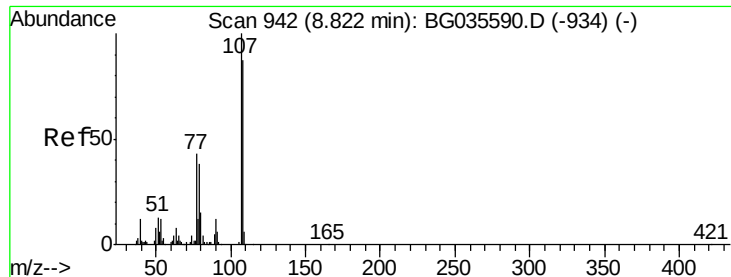
#19
n-Nitroso-di-n-propylamine
Concen: 15.396 ng
RT: 9.18 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion: 70 Resp: 38497
Ion Ratio Lower Upper
70 100
42 38.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.4 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

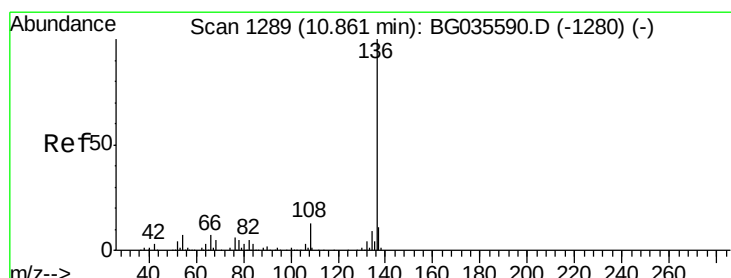
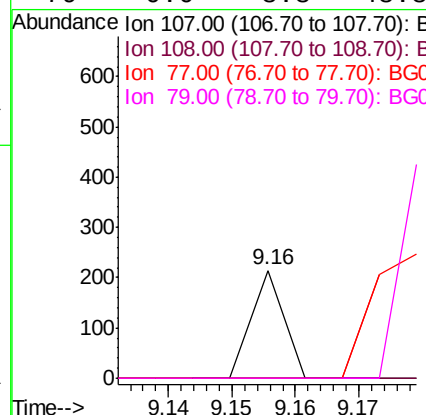
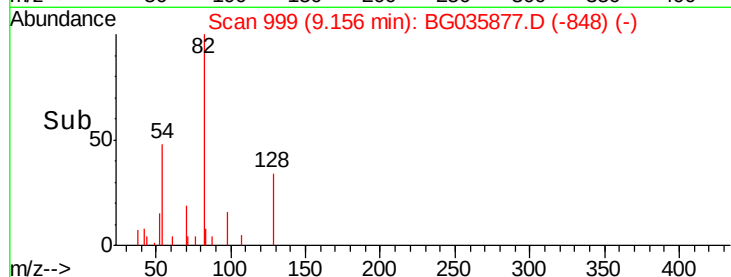
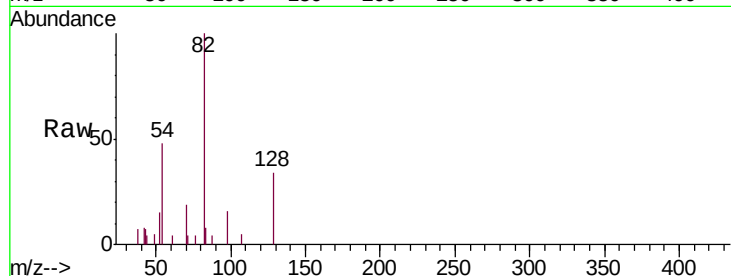




#20
3+4-Methylphenols
Concen: 0.027 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.36 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

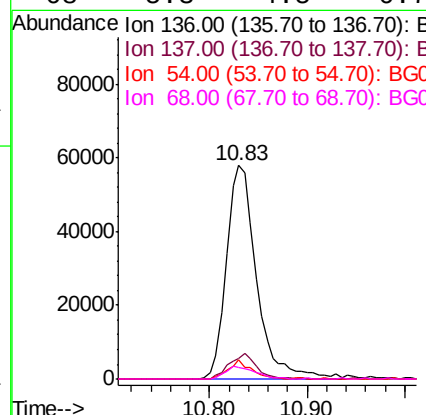
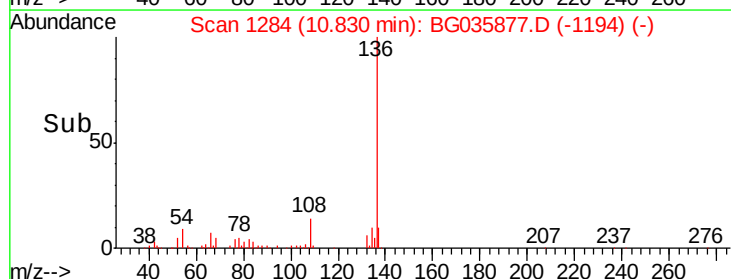
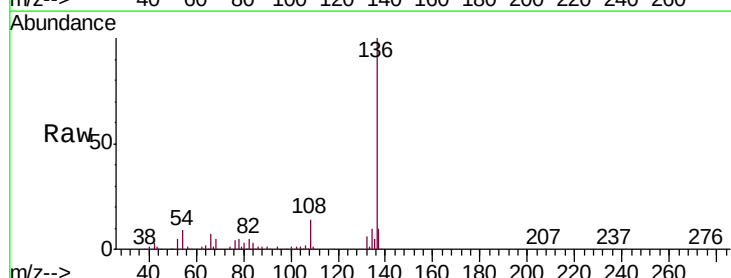
Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

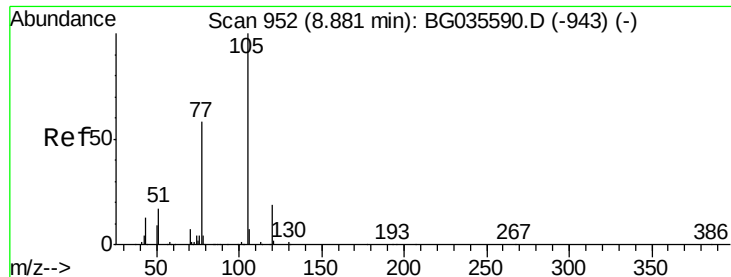
Tgt Ion:	107	Resp:	75
Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	0.0	13.9	53.9#
79	0.0	8.8	48.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion:	136	Resp:	124302
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	8.8	10.3	15.5#
68	5.3	4.5	6.7





#22

Acetophenone

Concen: 0.045 ng

RT: 8.86 min Scan# 948

Delta R.T. 0.01 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

Tgt Ion: 105 Resp: 175

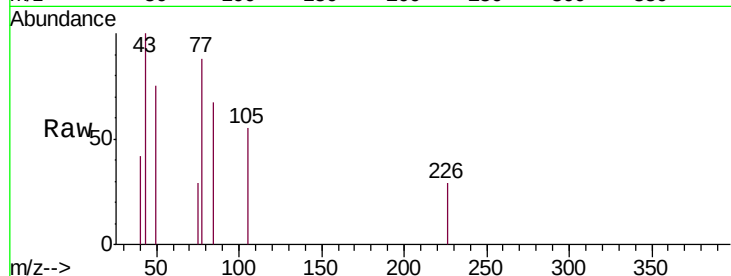
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 0.0 26.1 39.1#

120 0.0 17.4 26.2#

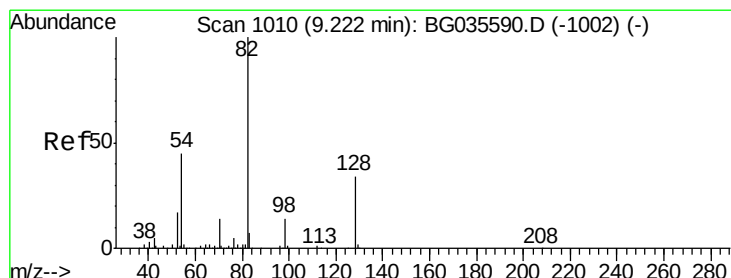
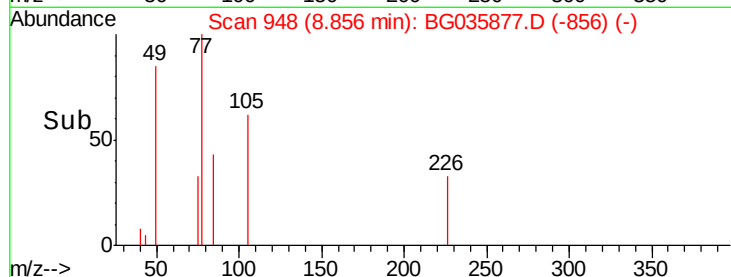
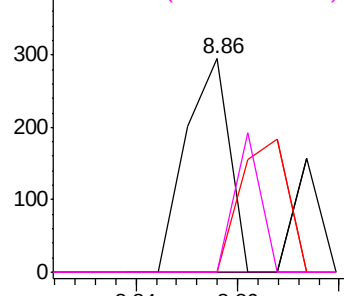


Abundance Ion 105.00 (104.70 to 105.70): E

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: 90.479 ng

RT: 9.18 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

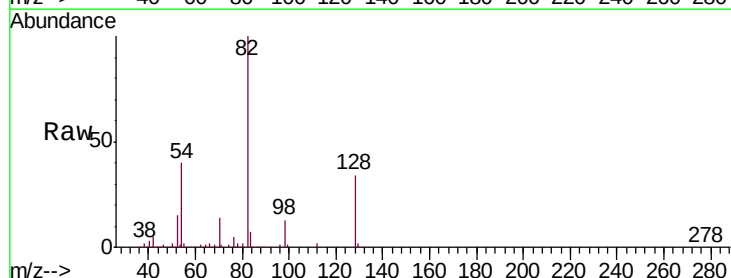
Tgt Ion: 82 Resp: 269224

Ion Ratio Lower Upper

82 100

128 33.7 29.7 44.5

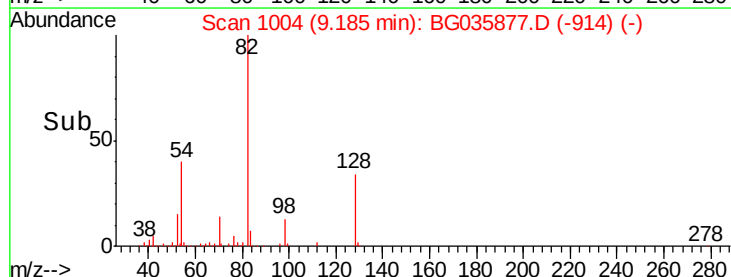
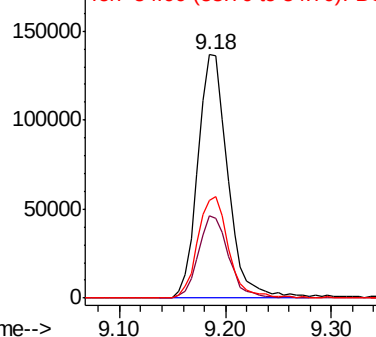
54 40.1 43.1 64.7#

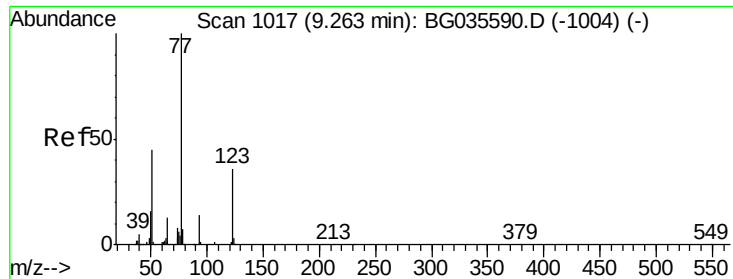


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

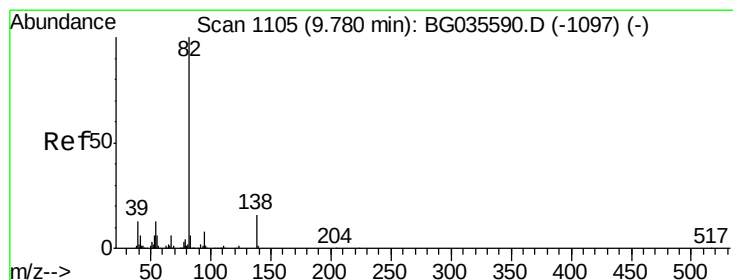
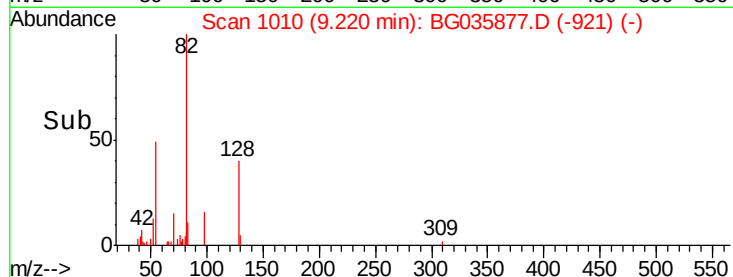
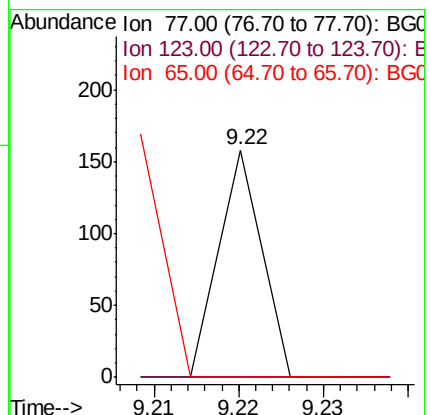
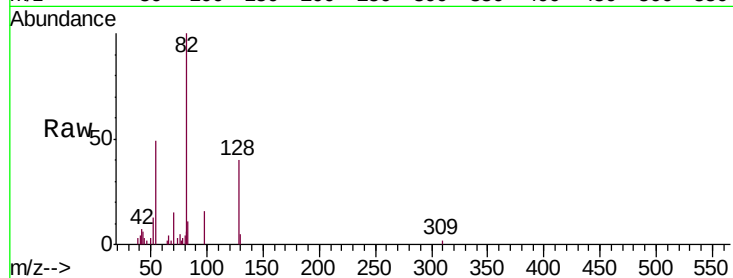




#24
 Nitrobenzene
 Concen: 0.019 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

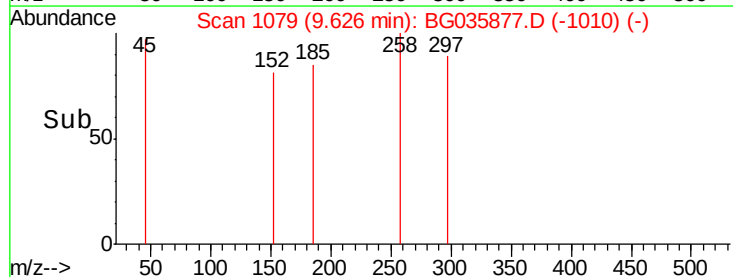
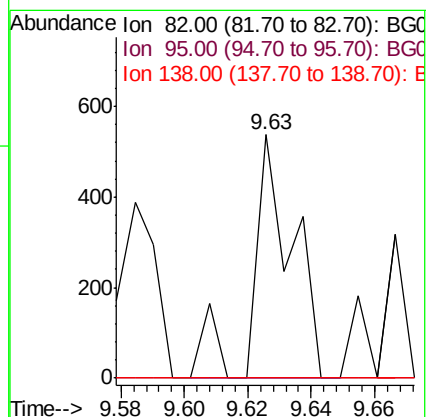
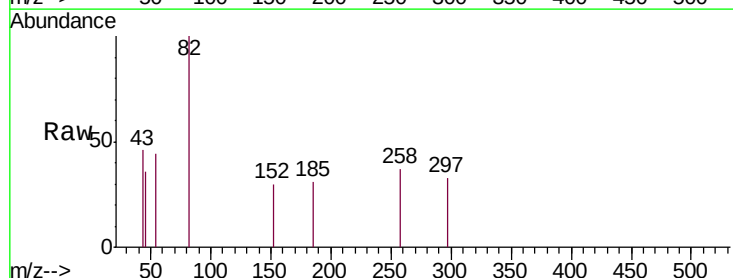
Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

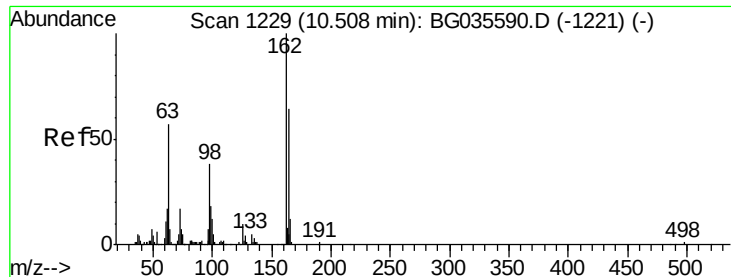
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#



#25
 Isophorone
 Concen: 0.083 ng
 RT: 9.63 min Scan# 1079
 Delta R.T. -0.13 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#





#29

2,4-Dichlorophenol

Concen: 0.026 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.38 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

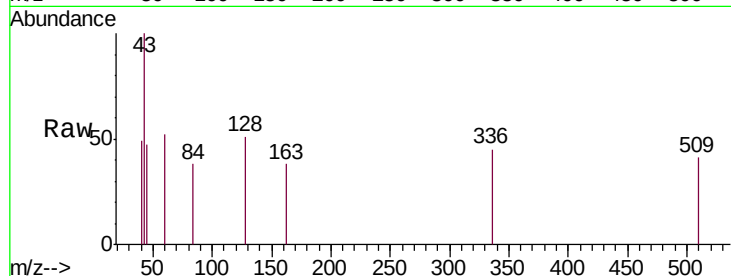
Tgt Ion:162 Resp: 54

Ion Ratio Lower Upper

162 100

164 0.0 48.0 88.0#

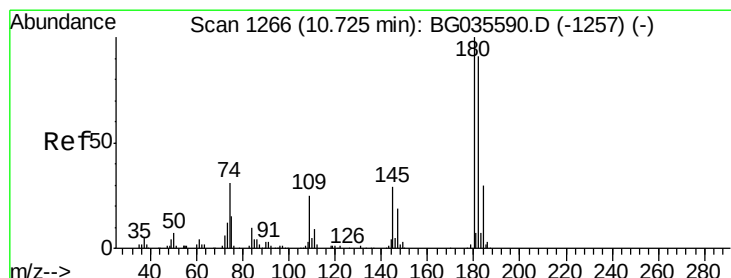
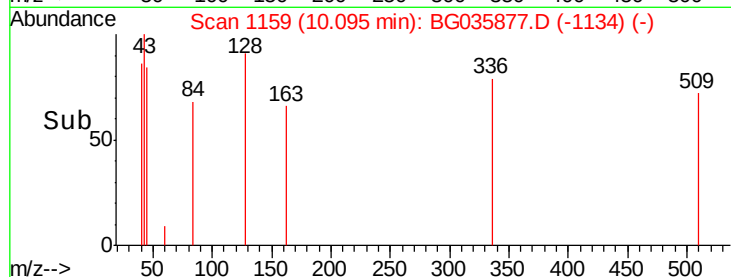
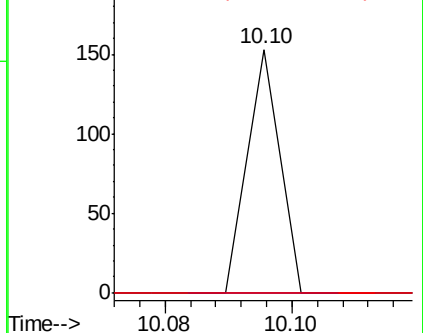
98 0.0 21.1 61.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 0.021 ng

RT: 11.09 min Scan# 1329

Delta R.T. 0.40 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

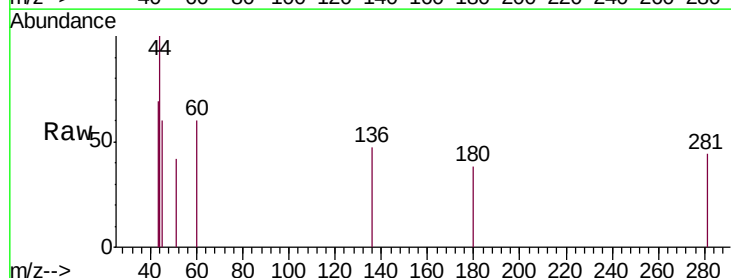
Tgt Ion:180 Resp: 53

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3#

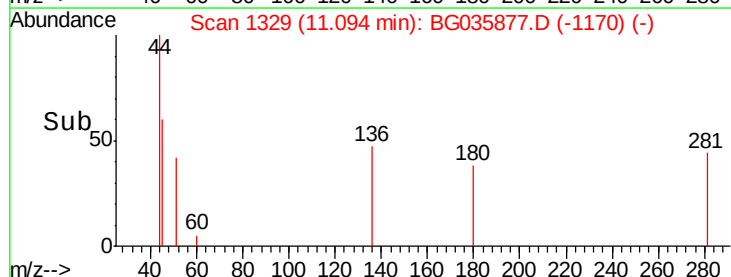
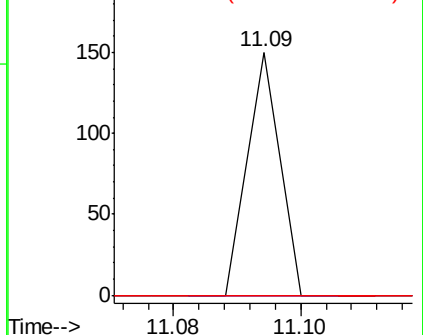
145 0.0 23.4 35.2#

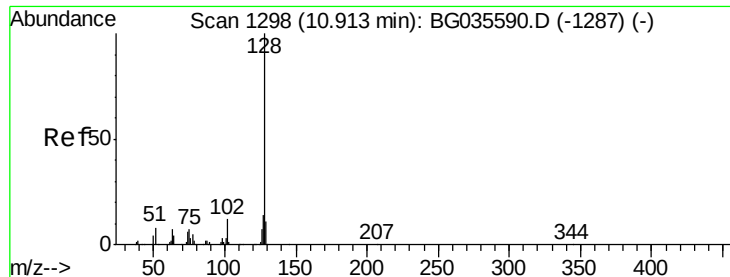


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

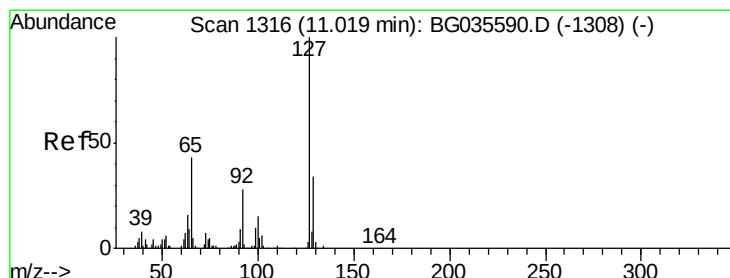
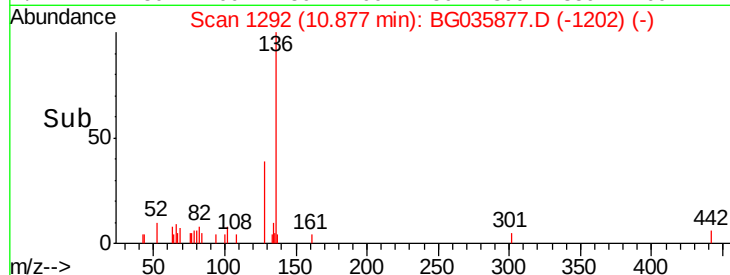
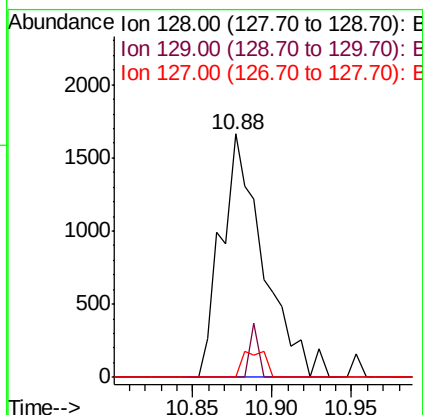
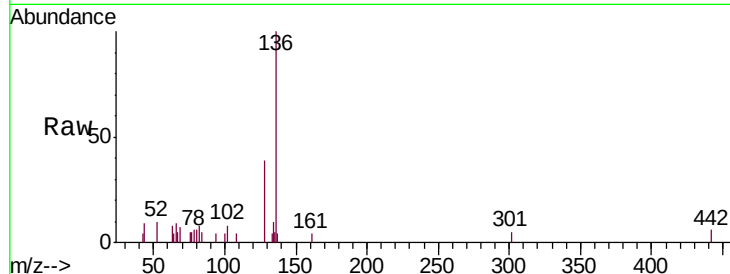




#31
Naphthalene
Concen: 0.478 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

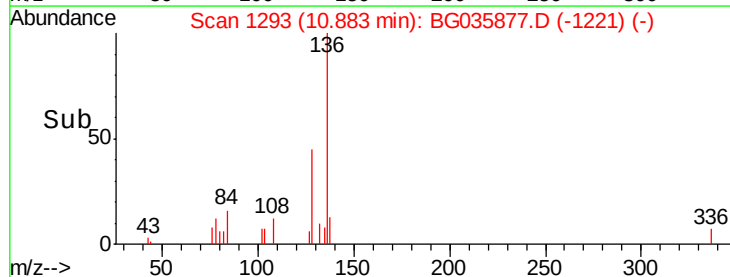
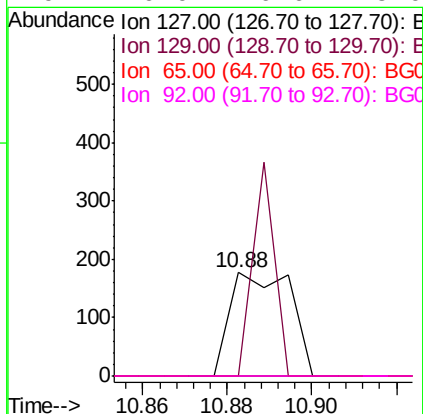
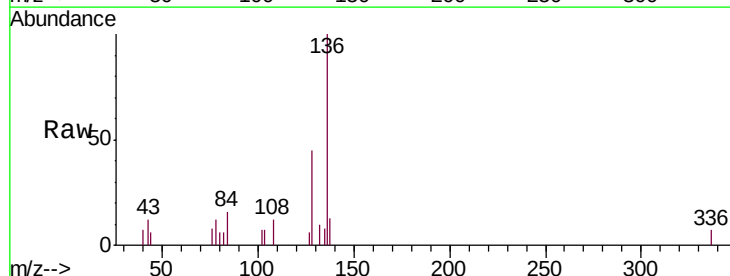
Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

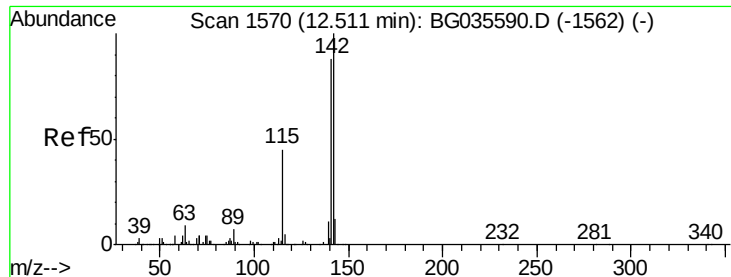
Tgt Ion:128 Resp: 3092
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 11.6 17.4#



#33
4-Chloroaniline
Concen: 0.063 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.11 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion:127 Resp: 177
Ion Ratio Lower Upper
127 100
129 0.0 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#

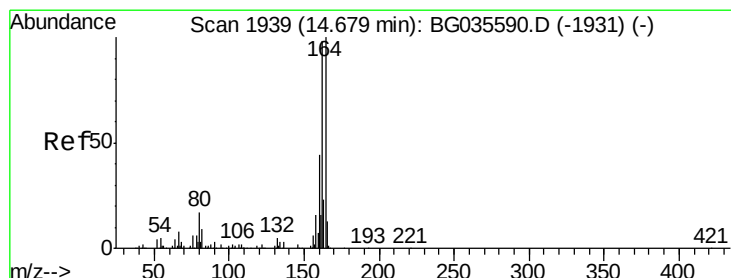
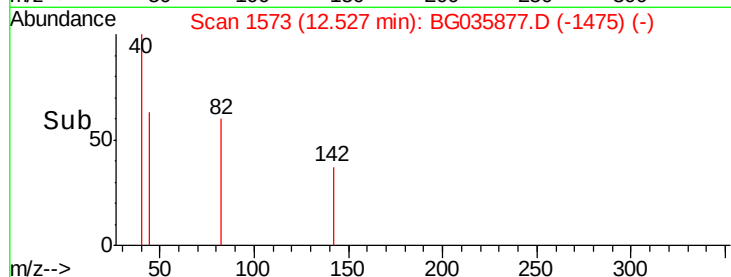
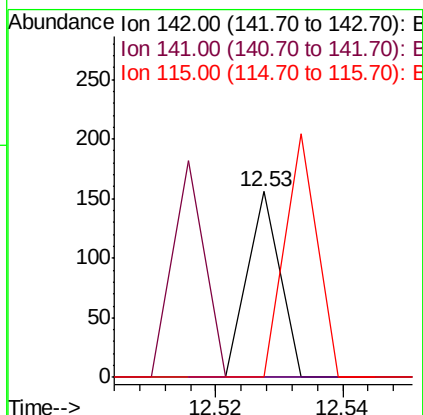
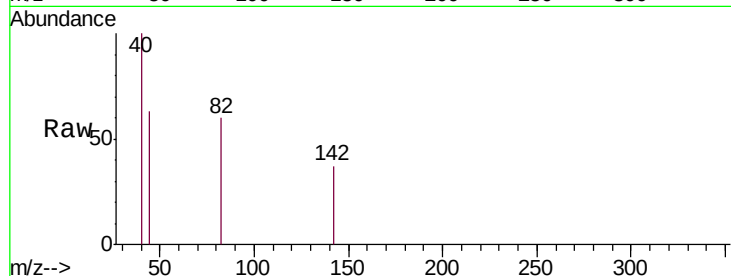




#37
 2-Methylnaphthalene
 Concen: 0.011 ng
 RT: 12.53 min Scan# 1573
 Delta R.T. 0.04 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

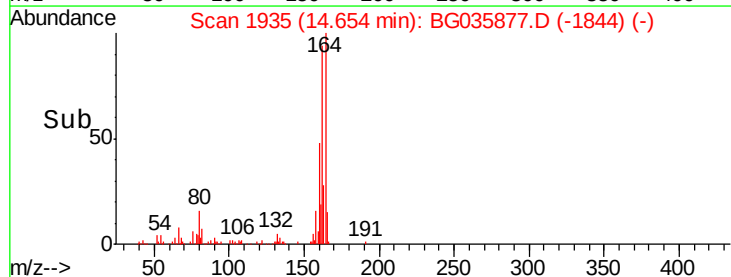
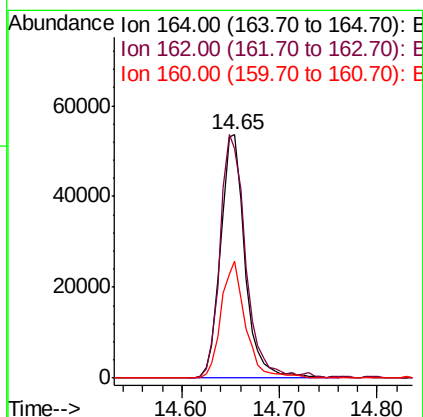
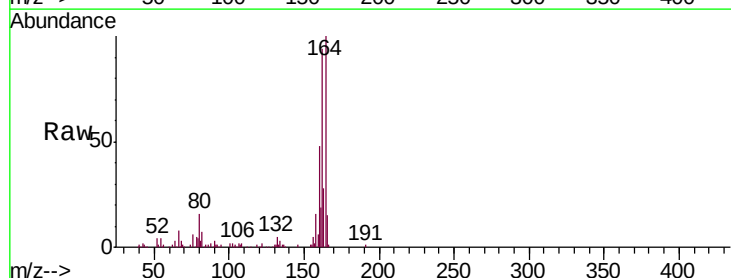
Instrument :
 BNA_G
 ClientSampleID :
 GB-SOIL-PILE

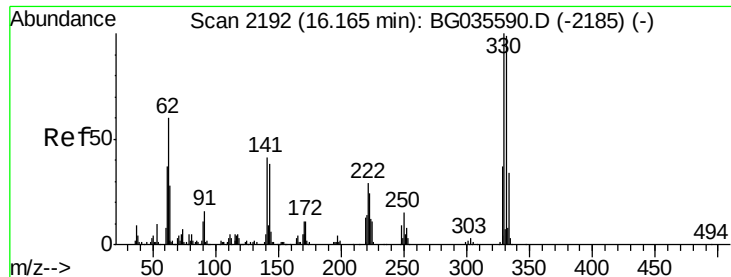
Tgt Ion:142 Resp: 55
 Ion Ratio Lower Upper
 142 100
 141 0.0 67.1 100.7#
 115 0.0 30.7 46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Tgt Ion:164 Resp: 93324
 Ion Ratio Lower Upper
 164 100
 162 94.4 78.8 118.2
 160 48.1 35.4 53.0

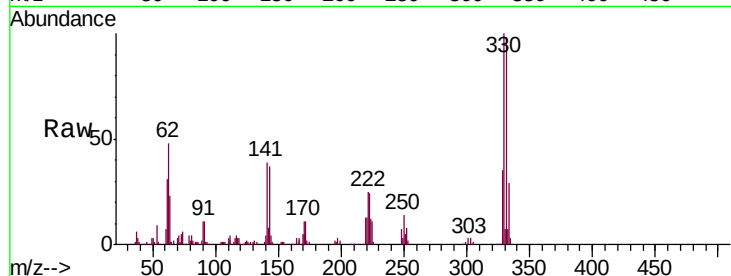




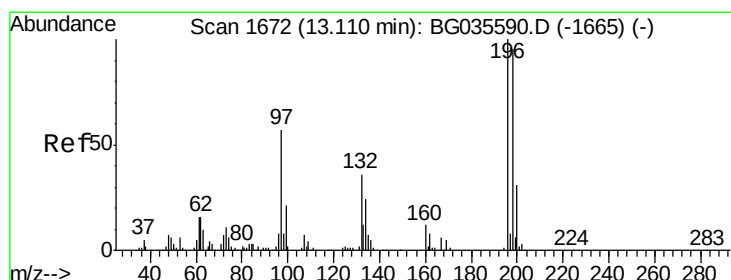
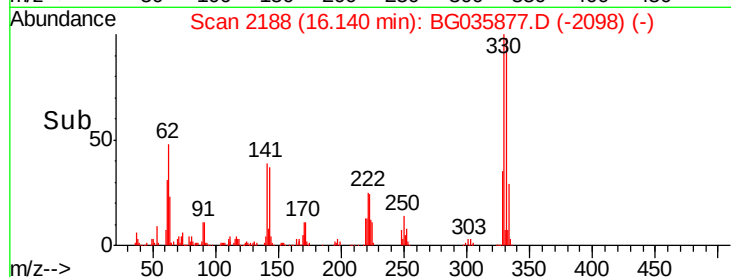
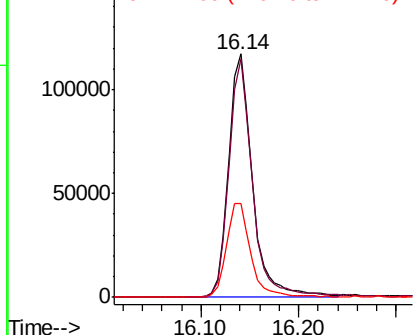
#41
 2,4,6-Tribromophenol
 Concen: 163.310 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	38.7	25.2	37.8#

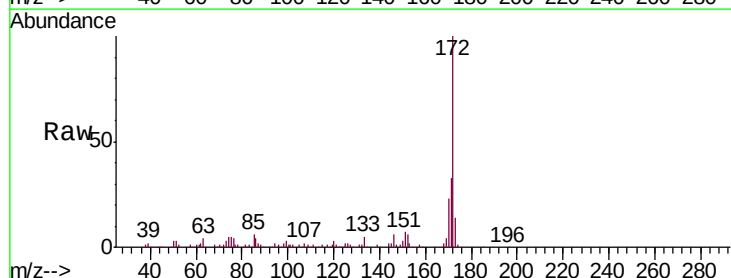


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

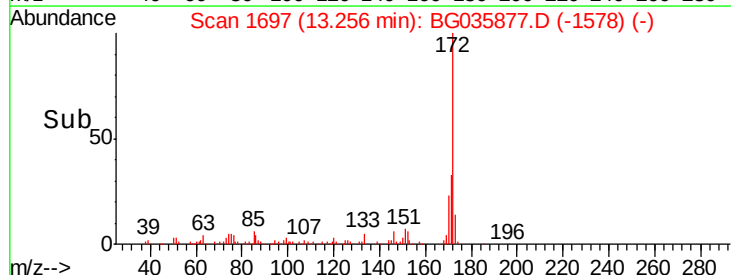
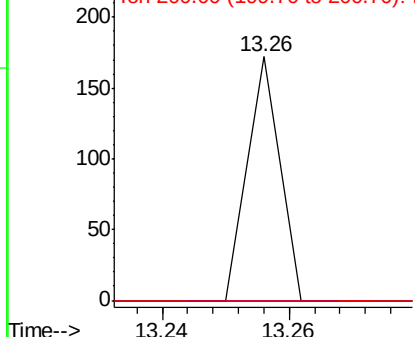


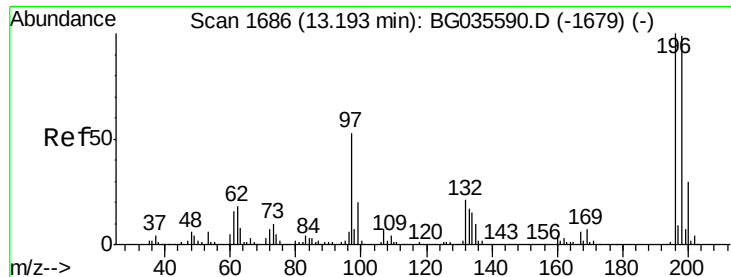
#42
 2,4,6-Trichlorophenol
 Concen: 0.030 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. 0.17 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.2	117.2#
200	0.0	24.6	36.8#



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

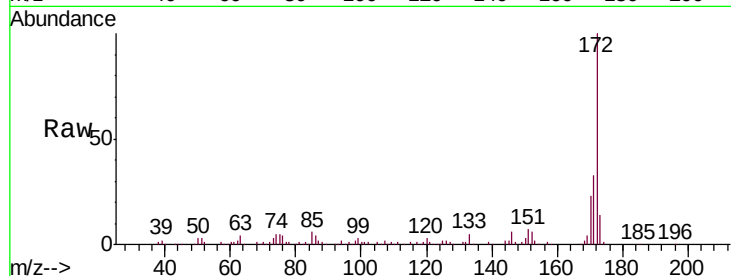




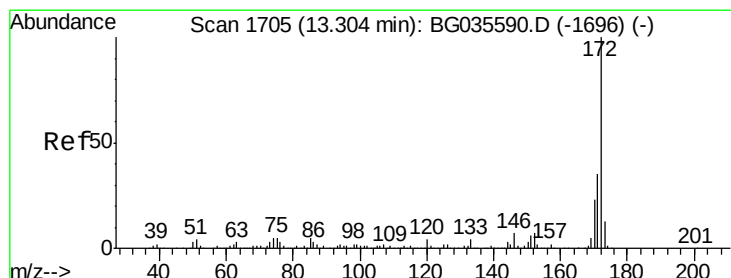
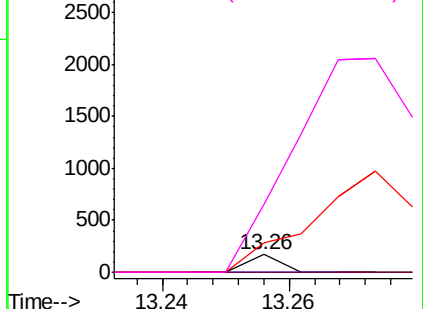
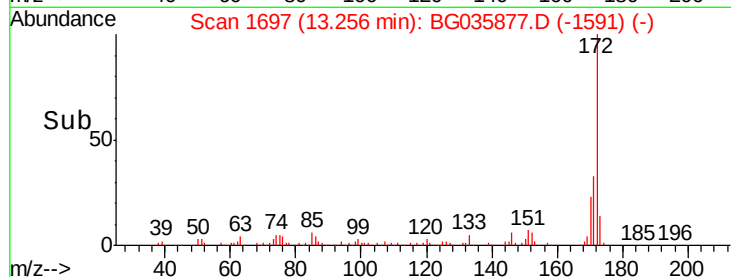
#43
 2,4,5-Trichlorophenol
 Concen: 0.026 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. 0.09 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

Tgt Ion:196 Resp: 61
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 97 162.2 38.7 58.1#
 132 383.1 20.2 30.2#

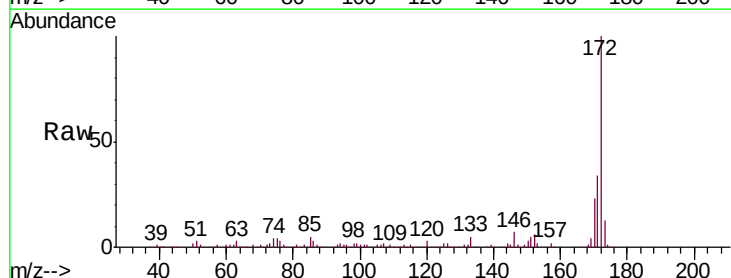


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

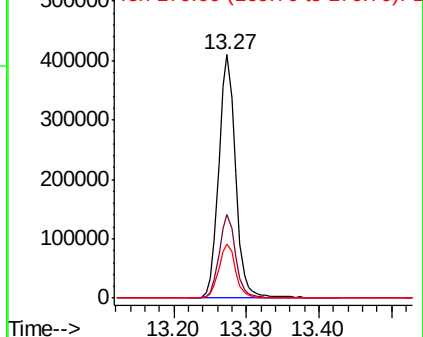
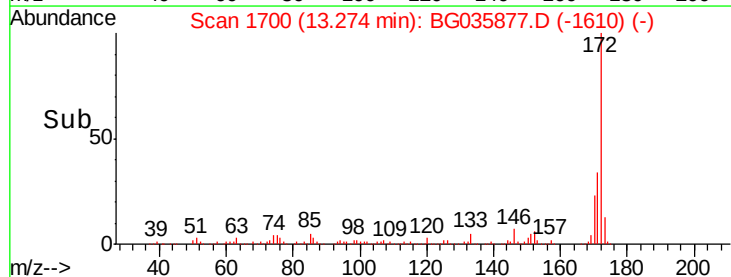


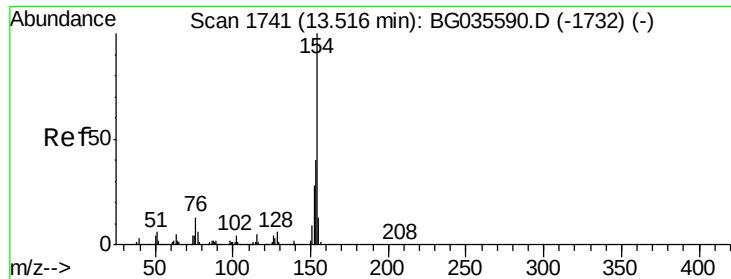
#44
 2-Fluorobiphenyl
 Concen: 95.564 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Tgt Ion:172 Resp: 665683
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.0 45.0
 170 22.5 19.5 29.3



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

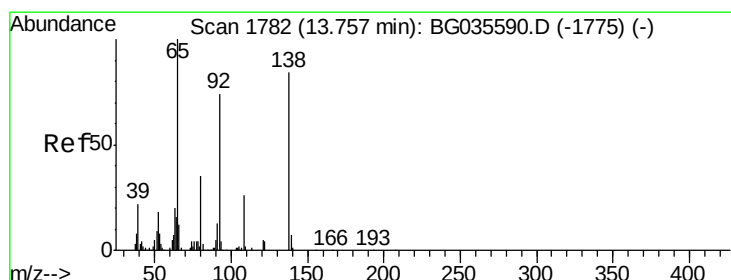
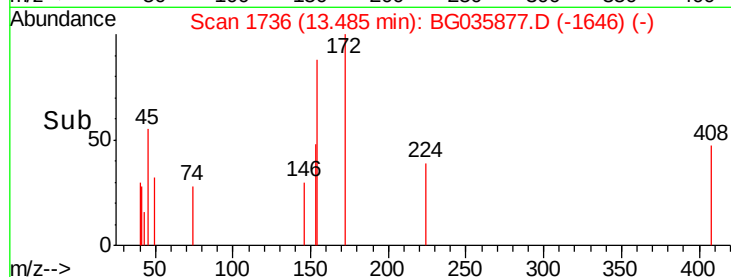
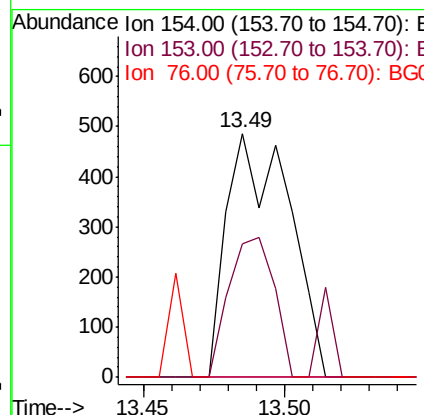
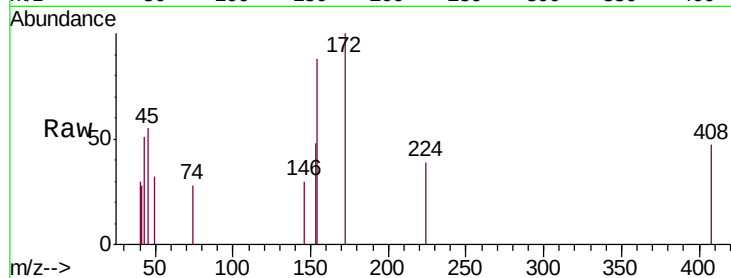




#45
 1,1'-Biphenyl
 Concen: 0.103 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

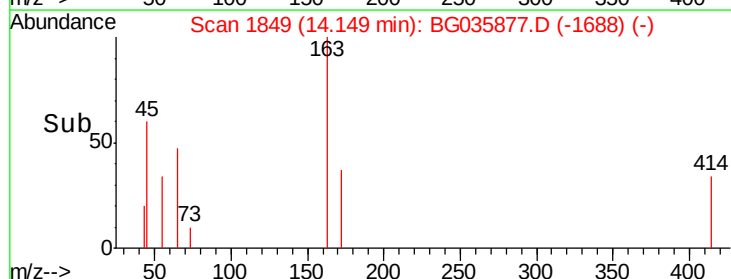
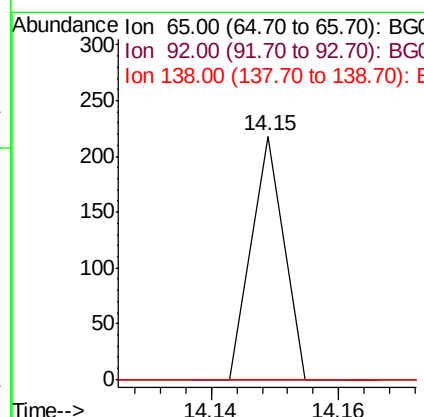
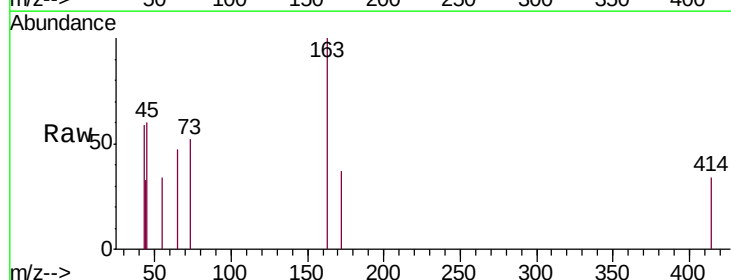
Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

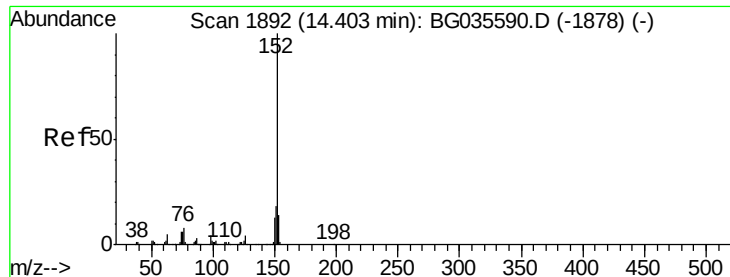
Tgt Ion: 154 Resp: 746
 Ion Ratio Lower Upper
 154 100
 153 54.5 19.8 59.8
 76 0.0 0.0 31.9



#47
 2-Nitroaniline
 Concen: 0.039 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. 0.41 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Tgt Ion: 65 Resp: 77
 Ion Ratio Lower Upper
 65 100
 92 0.0 54.6 82.0#
 138 0.0 72.9 109.3#





#48

Acenaphthylene

Concen: 0.008 ng

RT: 14.85 min Scan# 1968

Delta R.T. 0.47 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

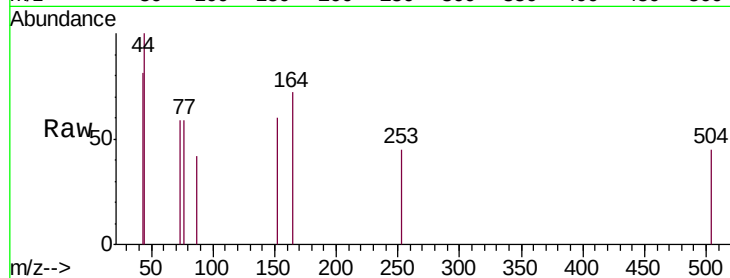
Tgt Ion:152 Resp: 80

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.85

200

150

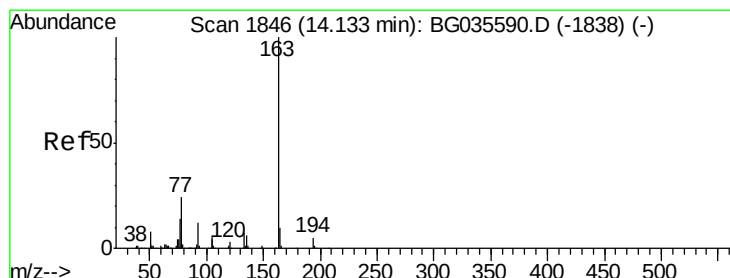
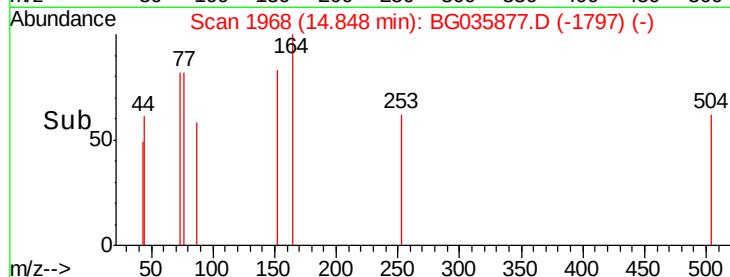
100

50

0

14.84 14.86

Time-->



#49

Dimethylphthalate

Concen: 0.146 ng

RT: 14.14 min Scan# 1848

Delta R.T. 0.04 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

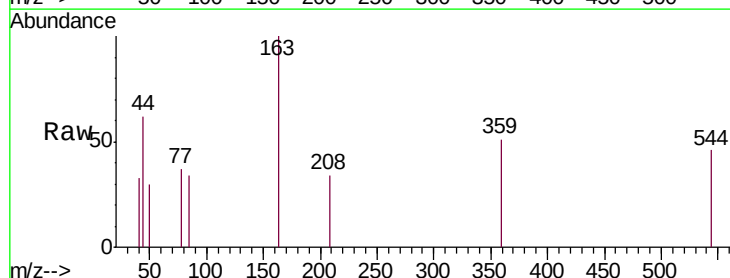
Tgt Ion:163 Resp: 1193

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

164 0.0 8.2 12.4#



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

14.14

600

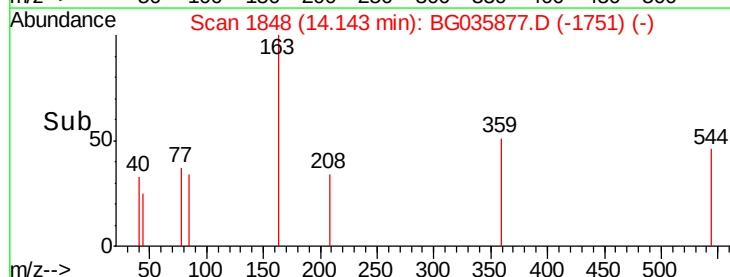
400

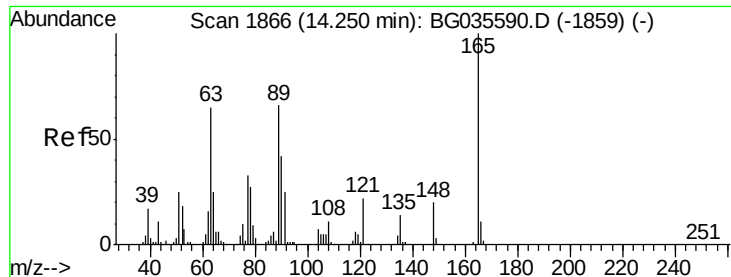
200

0

14.10 14.15 14.20

Time-->

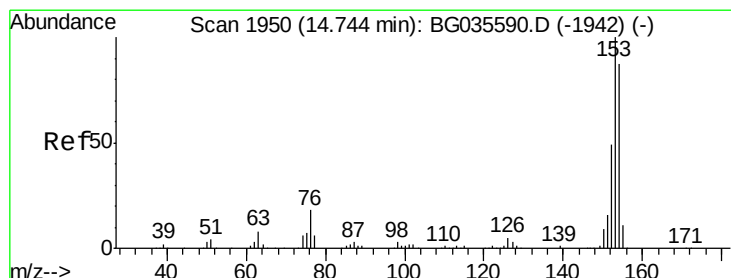
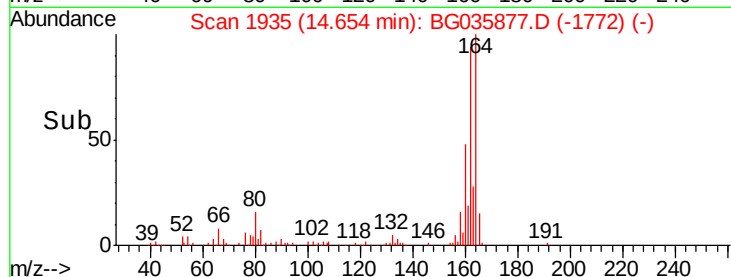
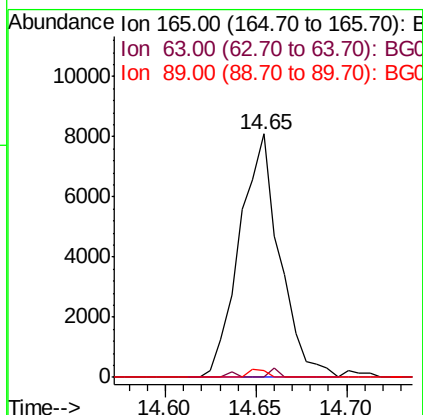
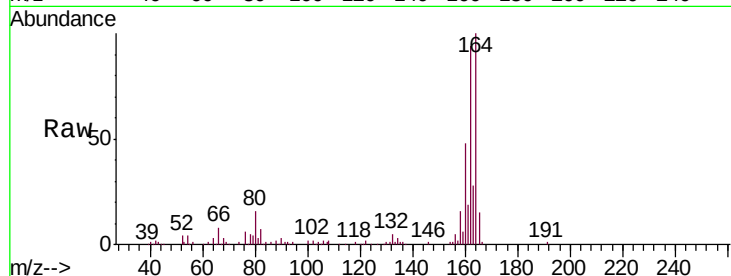




#50
2,6-Dinitrotoluene
Concen: 7.460 ng
RT: 14.65 min Scan# 1935
Delta R.T. 0.43 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

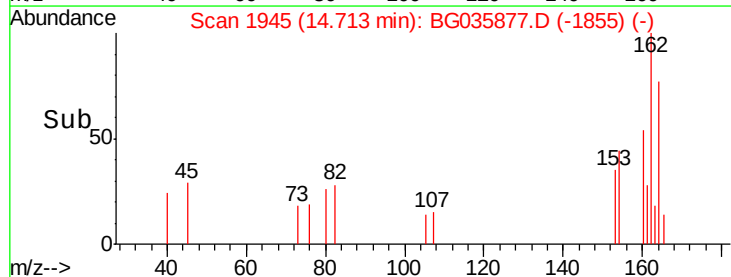
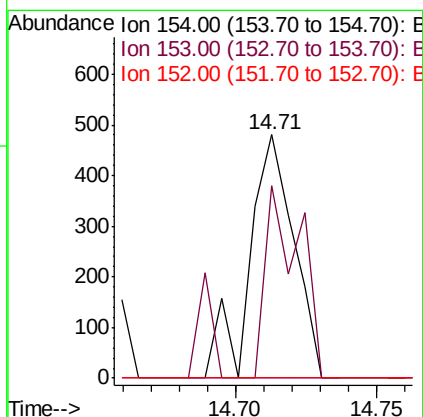
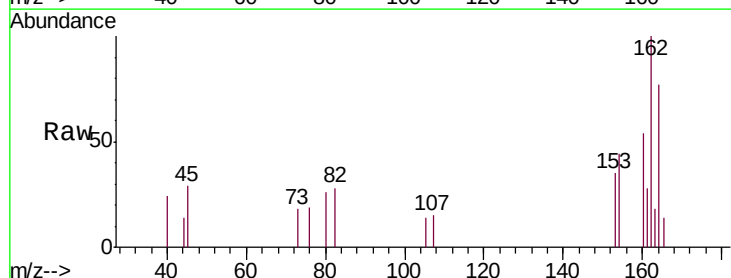
Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

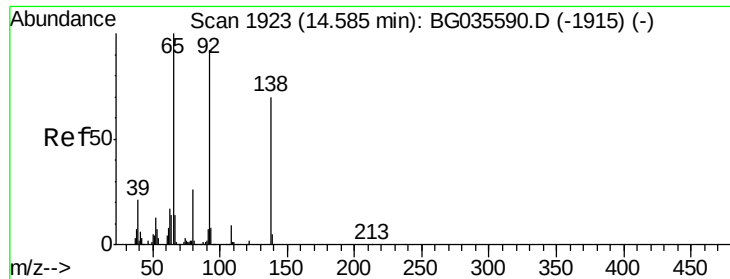
Tgt Ion:165 Resp: 12422
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 3.0 49.2 73.8#



#51
Acenaphthene
Concen: 0.089 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion:154 Resp: 521
Ion Ratio Lower Upper
154 100
153 79.0 90.4 135.6#
152 0.0 41.6 62.4#





#52

3-Nitroaniline

Concen: 0.033 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

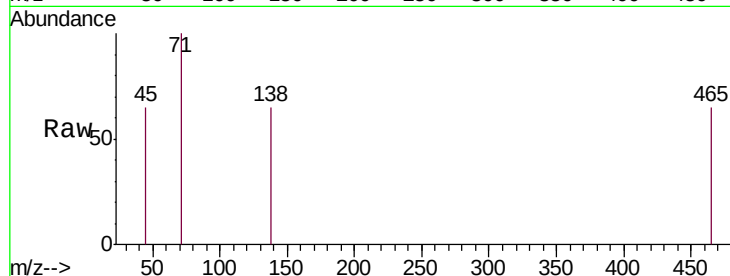
Tgt Ion:138 Resp: 56

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

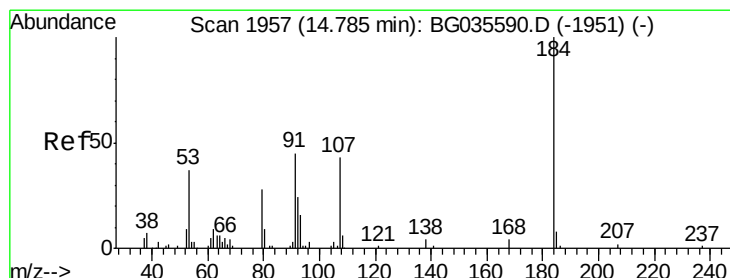
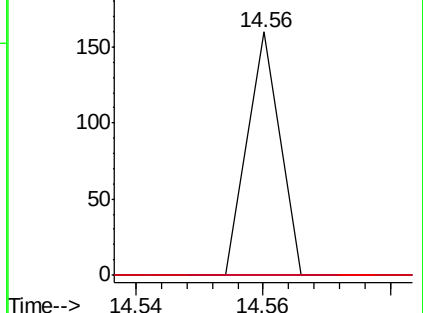
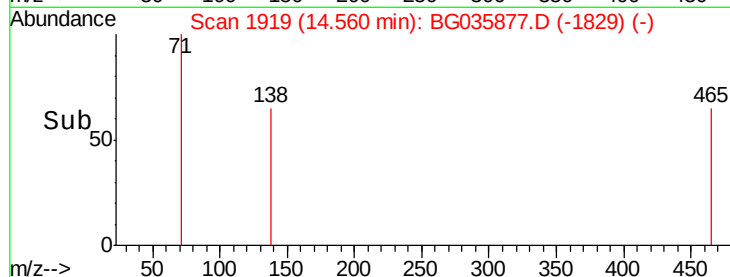
92 0.0 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG



#53

2,4-Dinitrophenol

Concen: 6.640 ng

RT: 15.02 min Scan# 1998

Delta R.T. 0.26 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

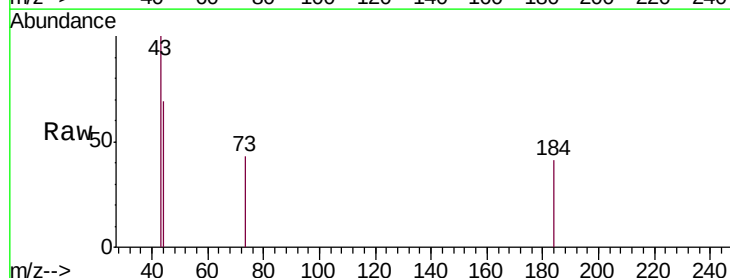
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

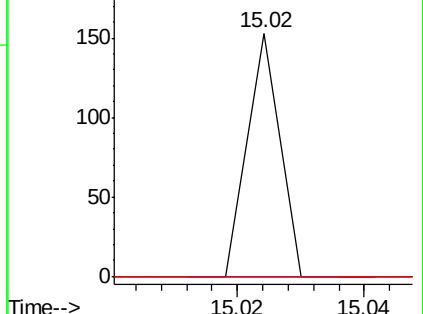
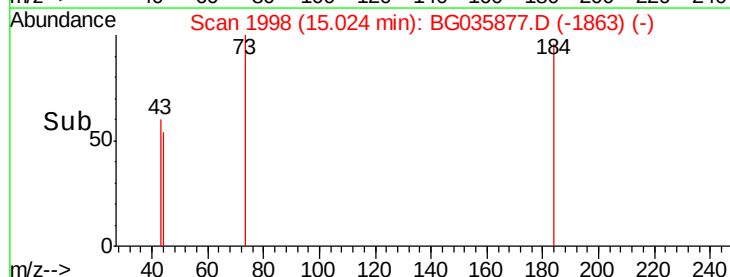
154 0.0 101.8 152.8#

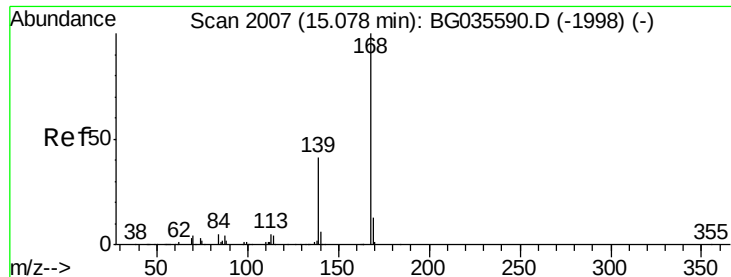


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 0.010 ng

RT: 15.07 min Scan# 2006

Delta R.T. 0.02 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

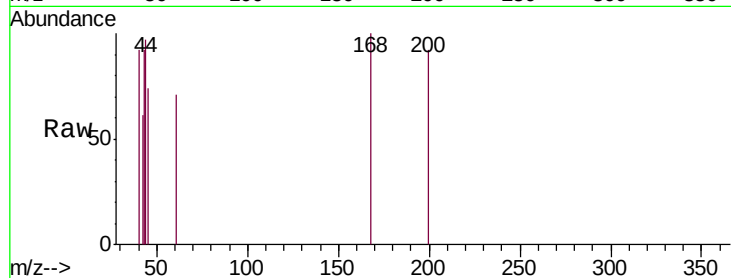
Tgt Ion:168 Resp: 91

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

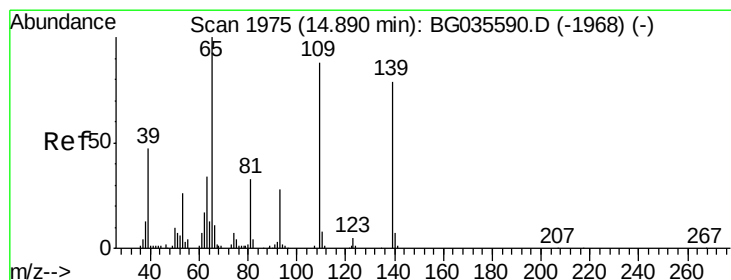
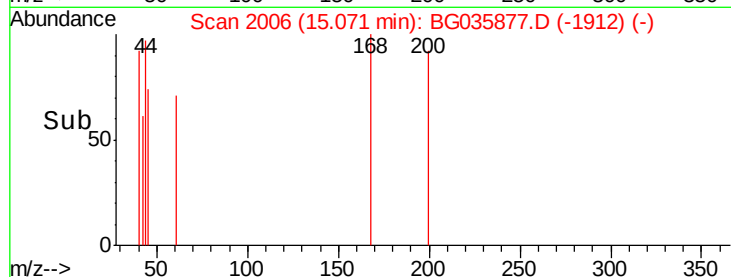
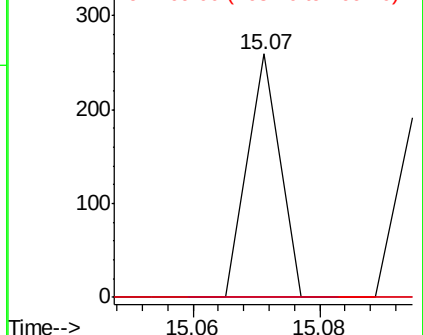
169 0.0 11.2 16.8#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.066 ng

RT: 14.91 min Scan# 1979

Delta R.T. 0.04 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

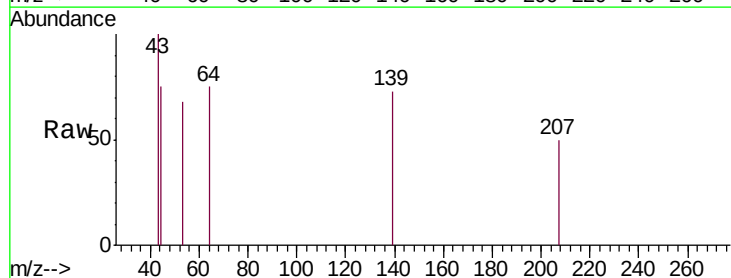
Tgt Ion:139 Resp: 80

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

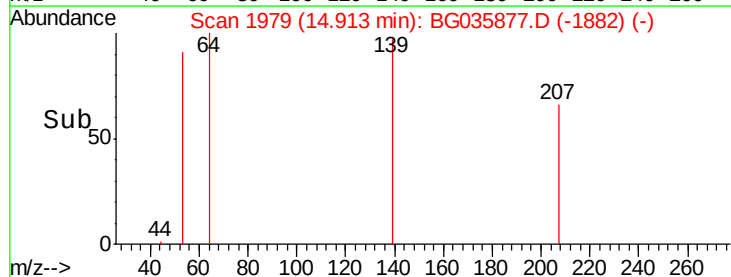
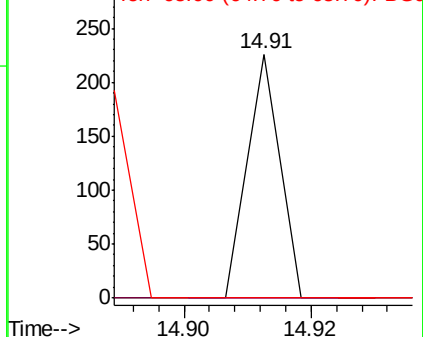
65 0.0 97.2 137.2#

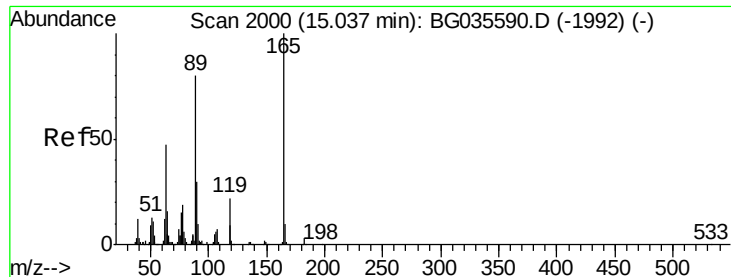


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#56

2,4-Dinitrotoluene

Concen: 5.200 ng

RT: 14.65 min Scan# 1935

Delta R.T. -0.36 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

Tgt Ion:165 Resp: 12422

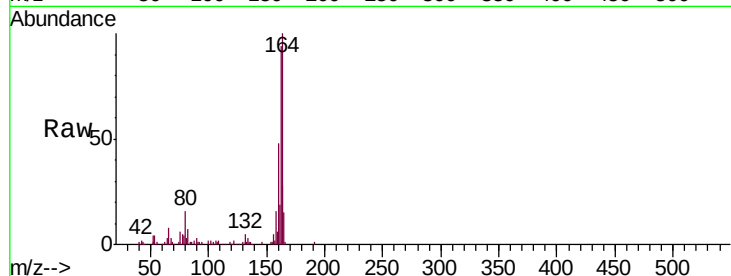
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 3.0 66.9 100.3#

182 0.0 2.6 3.8#

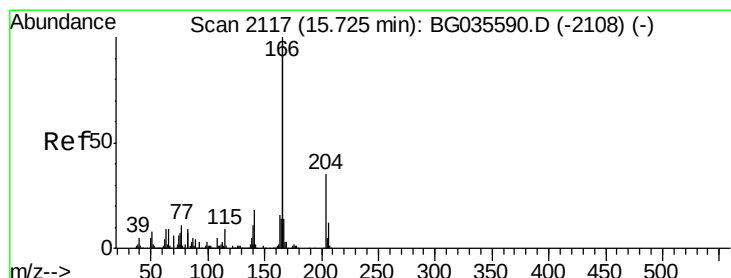
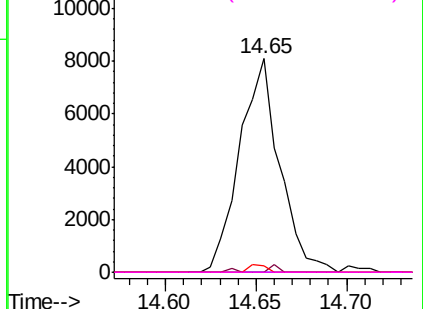
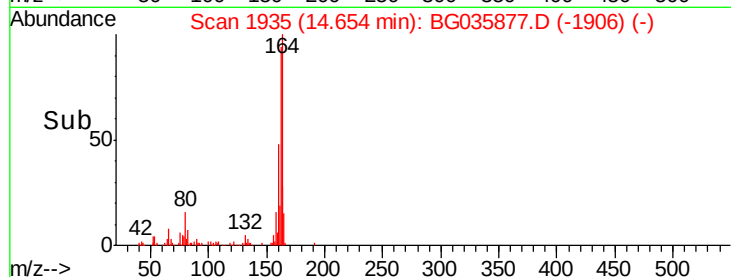


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 0.033 ng

RT: 15.71 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

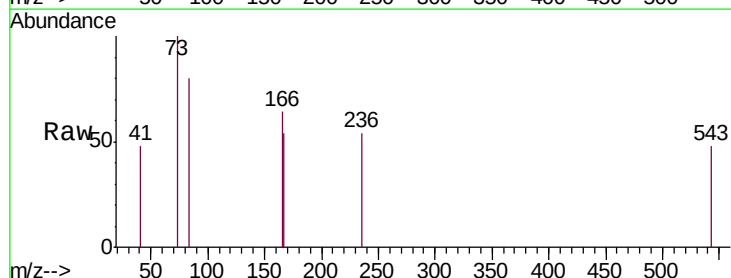
Tgt Ion:166 Resp: 259

Ion Ratio Lower Upper

166 100

165 0.0 80.6 121.0#

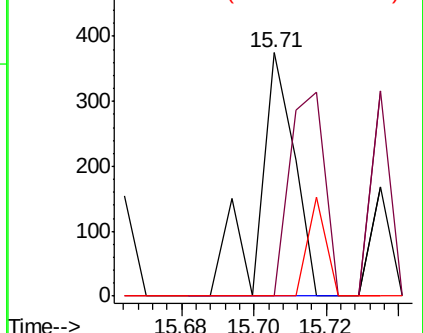
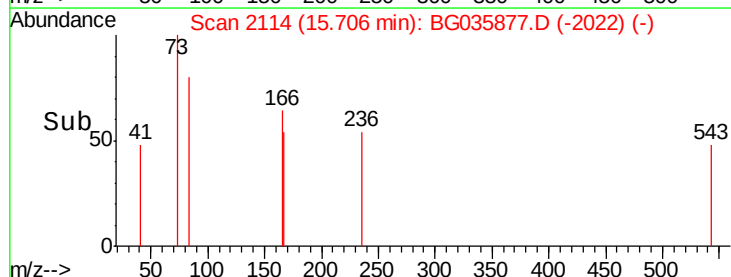
167 0.0 10.4 15.6#

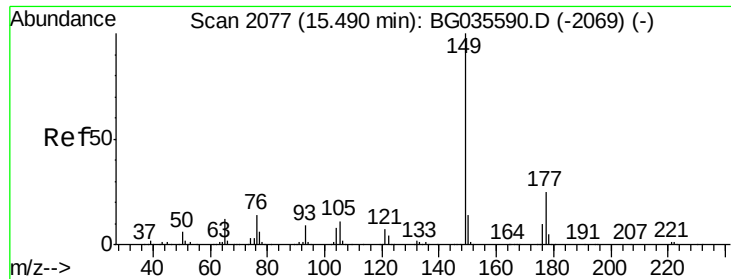


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

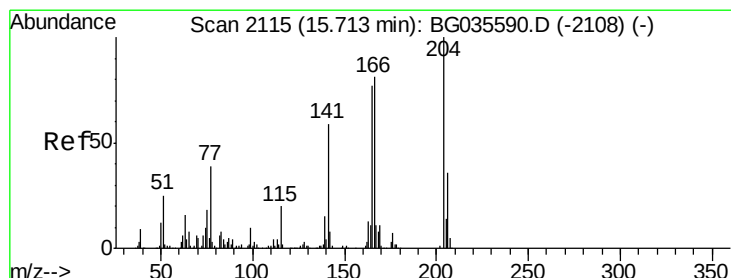
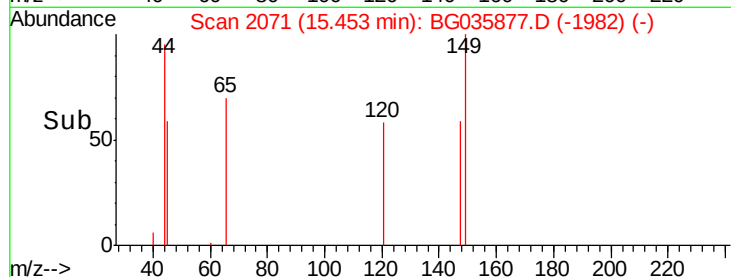
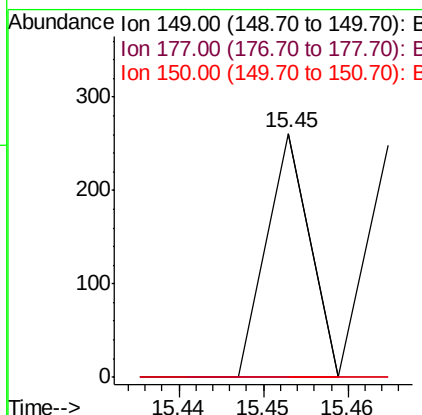
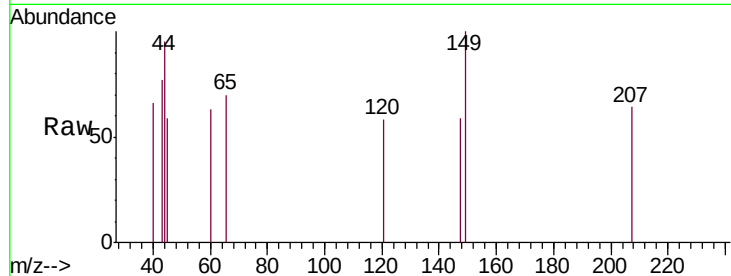




#59
Diethylphthalate
Concen: 0.011 ng
RT: 15.45 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

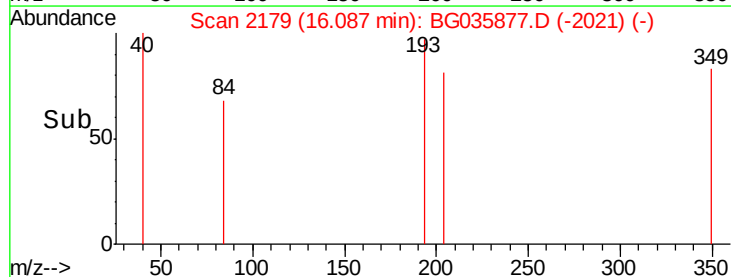
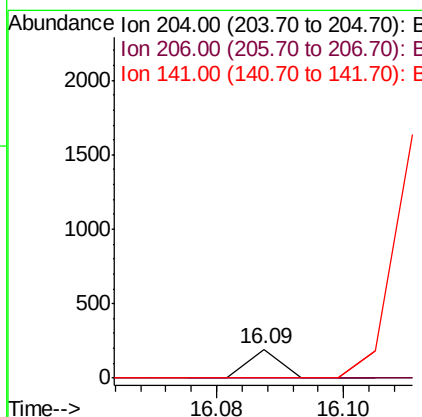
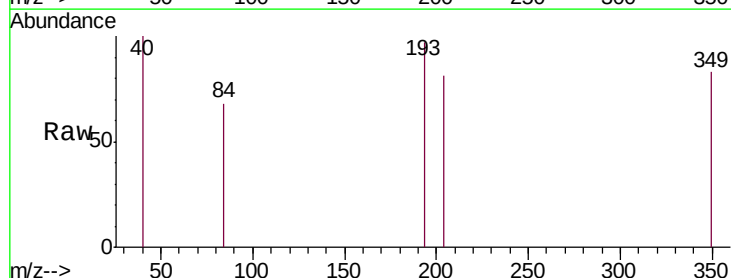
Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

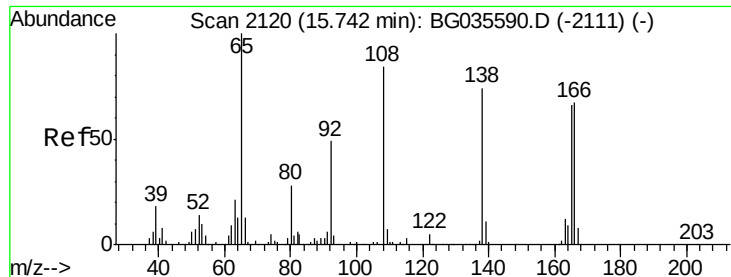
Tgt Ion:149 Resp: 92
Ion Ratio Lower Upper
149 100
177 0.0 18.5 27.7#
150 0.0 10.2 15.2#



#60
4-Chlorophenyl-phenylether
Concen: 0.015 ng
RT: 16.09 min Scan# 2179
Delta R.T. 0.40 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion:204 Resp: 68
Ion Ratio Lower Upper
204 100
206 0.0 26.2 39.2#
141 0.0 45.8 68.6#

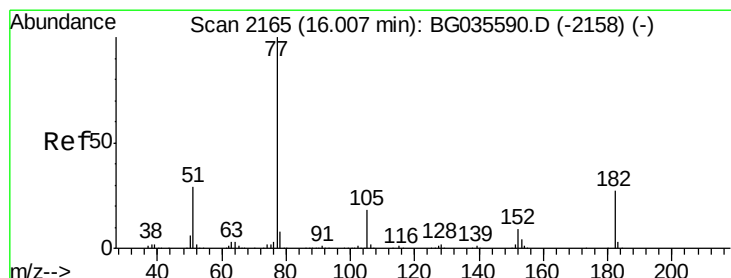
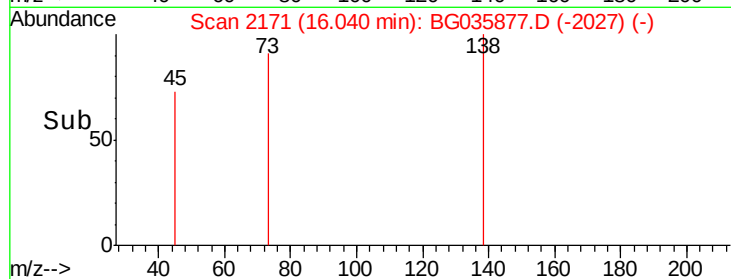
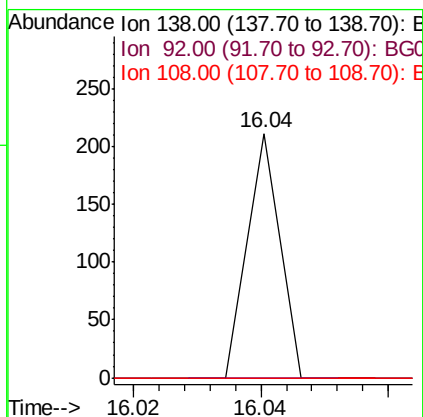
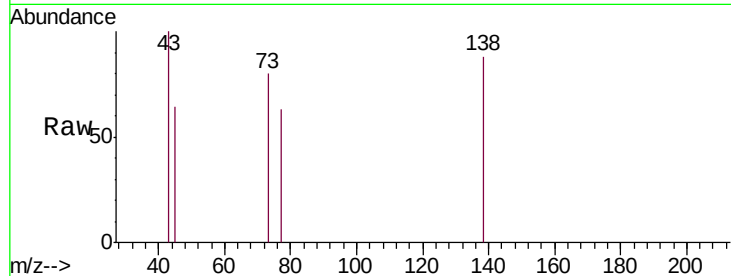




#61
4-Nitroaniline
Concen: 0.042 ng
RT: 16.04 min Scan# 2171
Delta R.T. 0.31 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

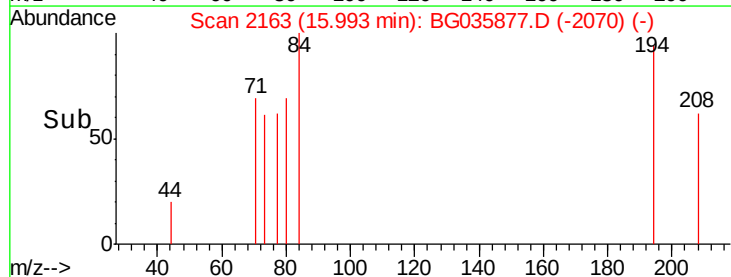
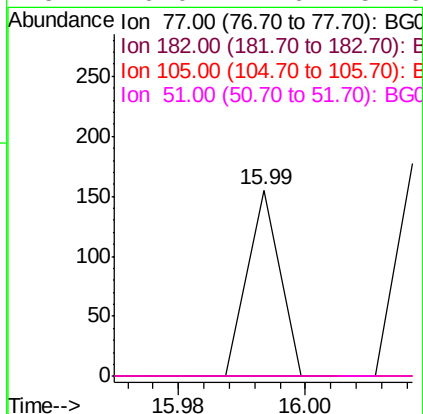
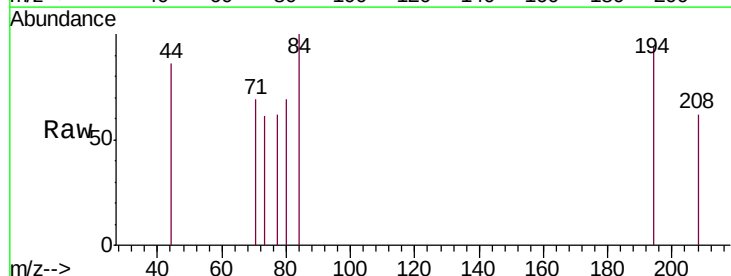
Instrument :
BNA_G
ClientSampled :
GB-SOIL-PILE

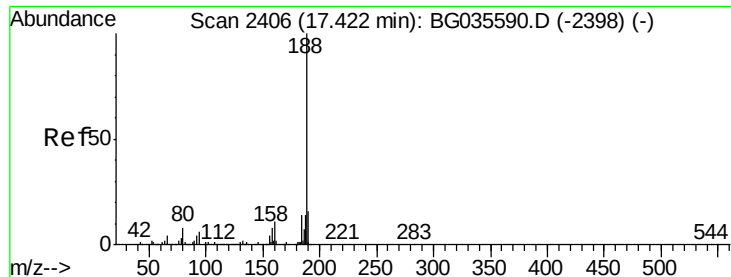
Tgt Ion: 138 Resp: 74
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



#62
Azobenzene
Concen: 0.007 ng
RT: 15.99 min Scan# 2163
Delta R.T. 0.02 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 0.0 0.3 40.3#
51 0.0 11.6 51.6#

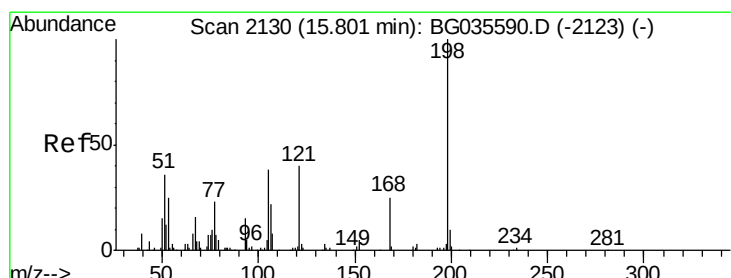
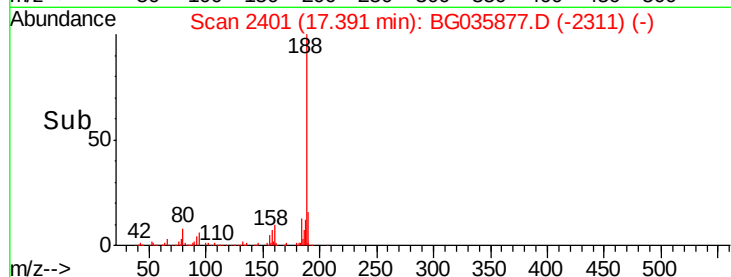
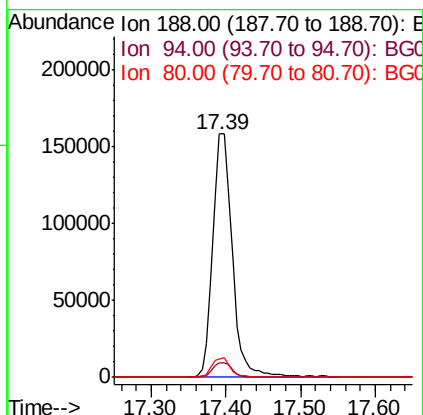
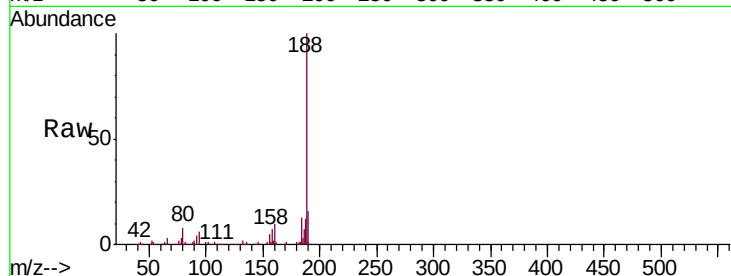




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

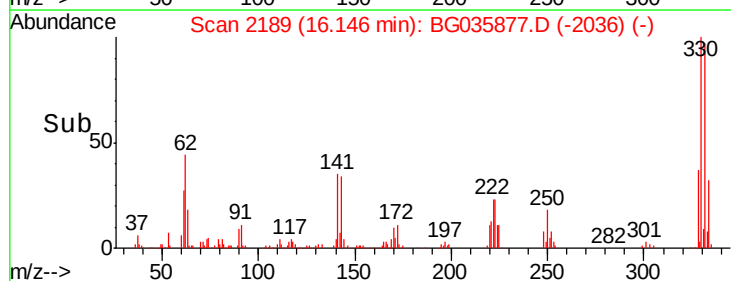
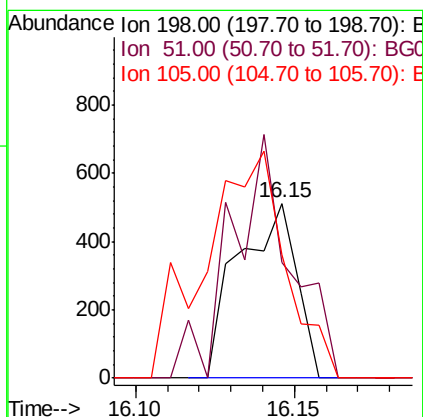
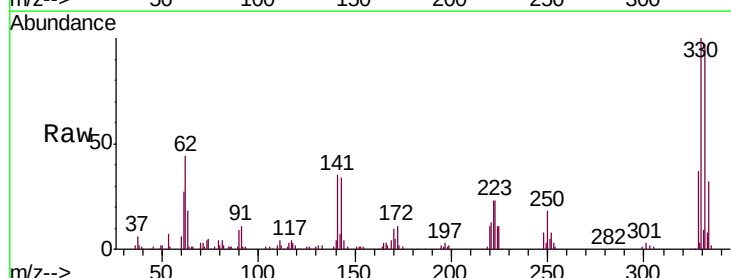
Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

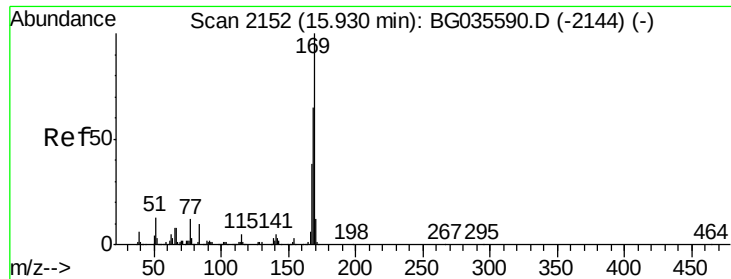
Tgt Ion:188 Resp: 288697
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.406 ng
RT: 16.15 min Scan# 2189
Delta R.T. 0.37 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion:198 Resp: 652
Ion Ratio Lower Upper
198 100
51 66.2 30.6 70.6
105 70.5 23.8 63.8#





#65

n-Nitrosodiphenylamine

Concen: 1.036 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.24 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

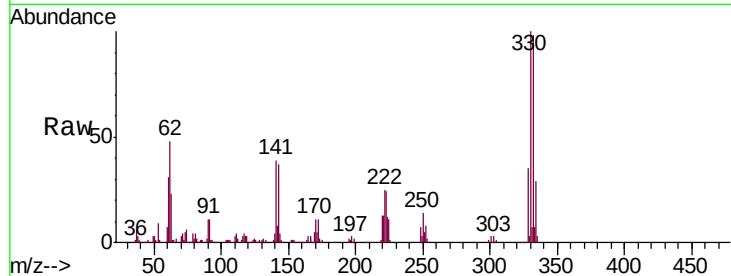
Tgt Ion:169 Resp: 8517

Ion Ratio Lower Upper

169 100

168 10.3 55.7 83.5#

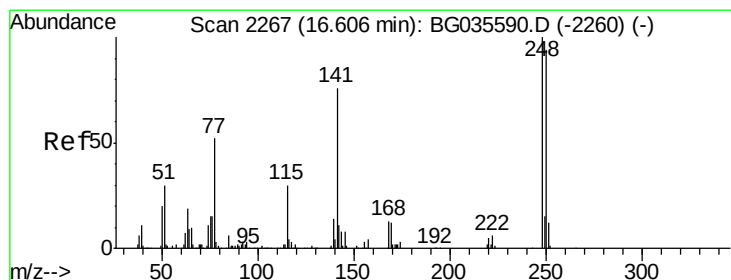
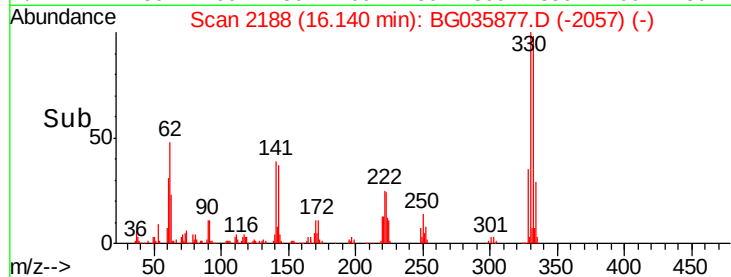
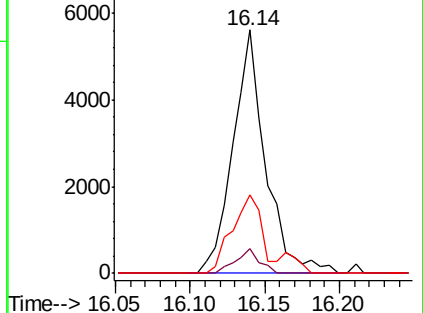
167 32.4 30.1 45.1



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: 4.305 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.44 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

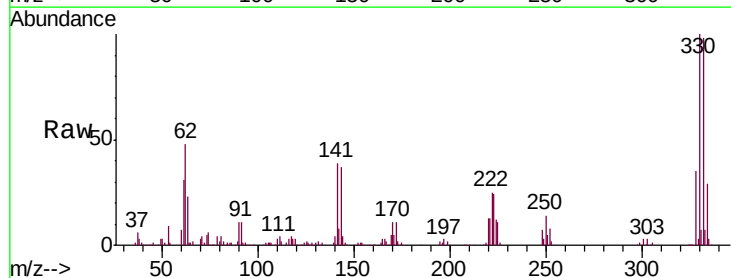
Tgt Ion:248 Resp: 14418

Ion Ratio Lower Upper

248 100

250 214.1 77.1 115.7#

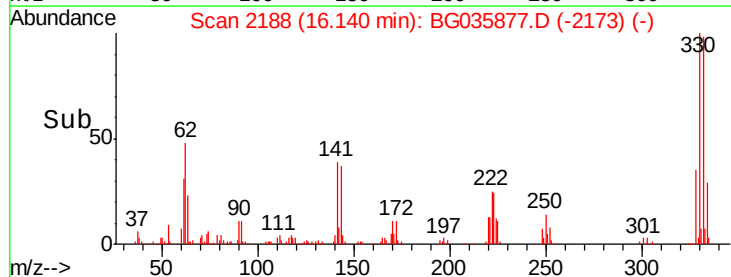
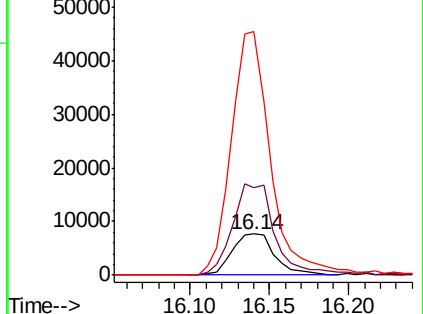
141 593.3 50.8 76.2#

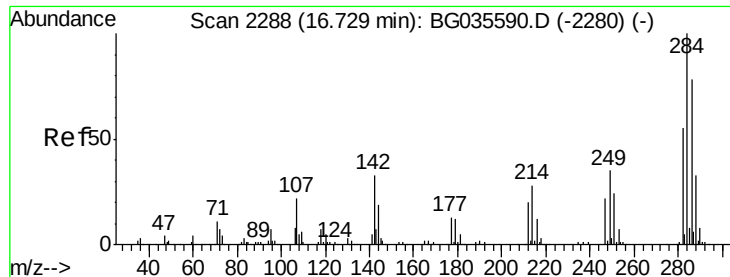


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

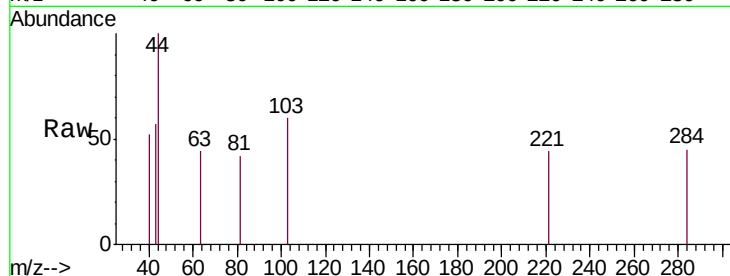




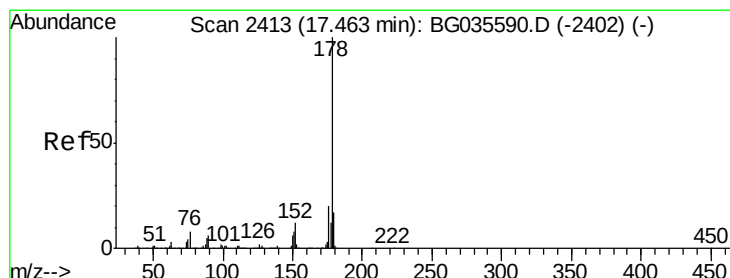
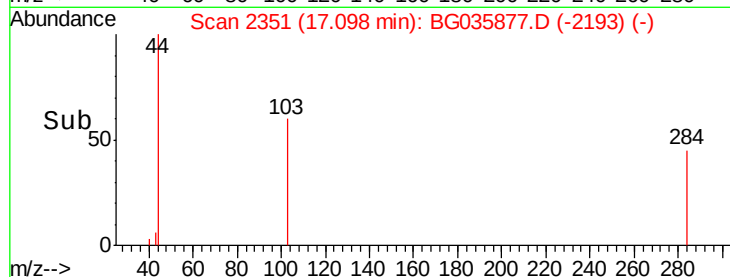
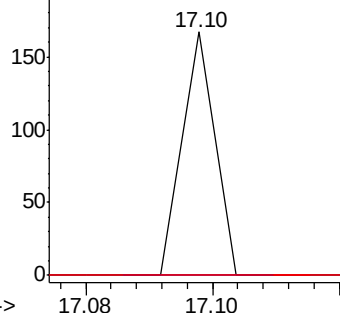
#67
Hexachlorobenzene
Concen: 0.017 ng
RT: 17.10 min Scan# 2351
Delta R.T. 0.40 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

Tgt Ion: 284 Resp: 59
Ion Ratio Lower Upper
284 100
142 0.0 26.8 40.2#
249 0.0 26.3 39.5#

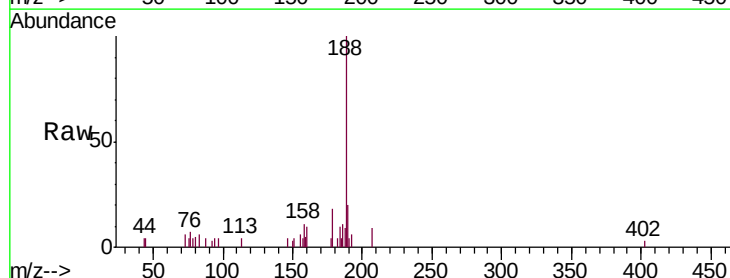


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

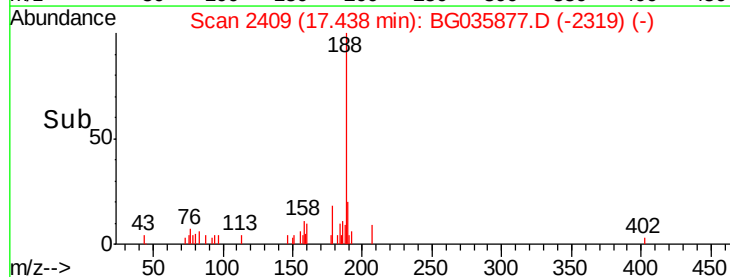
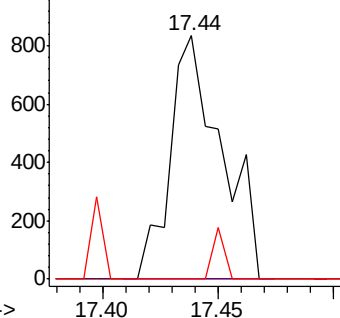


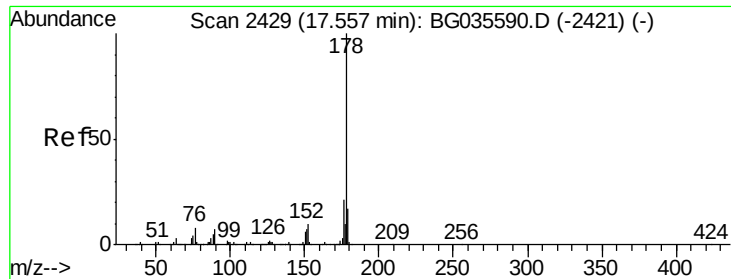
#70
Phenanthrene
Concen: 0.090 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion: 178 Resp: 1292
Ion Ratio Lower Upper
178 100
176 0.0 15.7 23.5#
179 0.0 12.5 18.7#



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

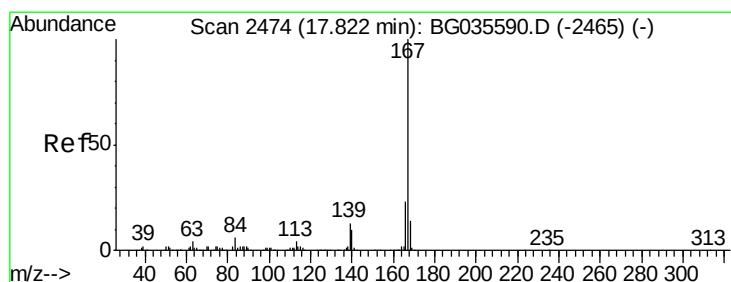
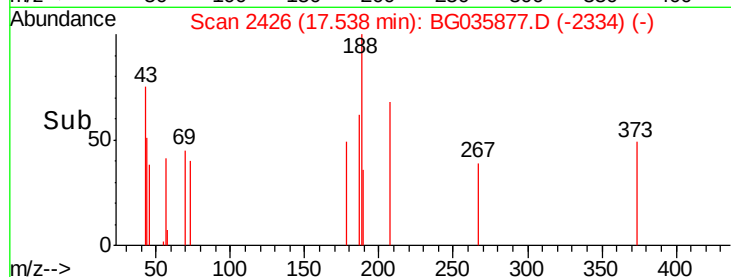
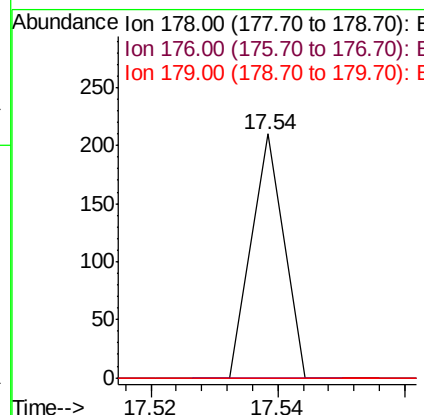
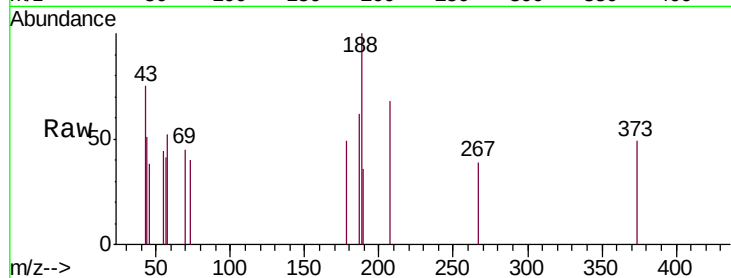




#71
 Anthracene
 Concen: 0.005 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. 0.01 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

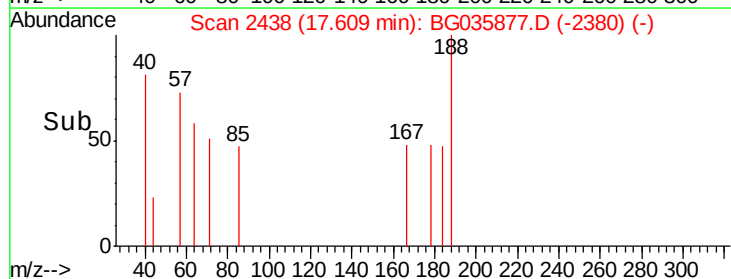
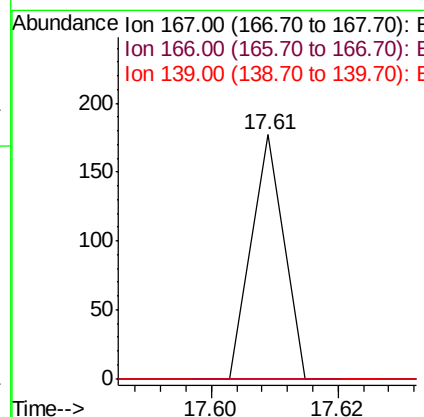
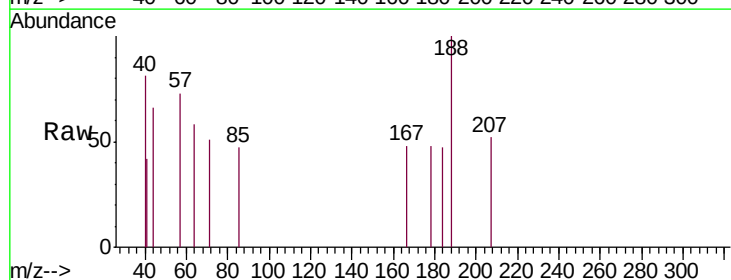
Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

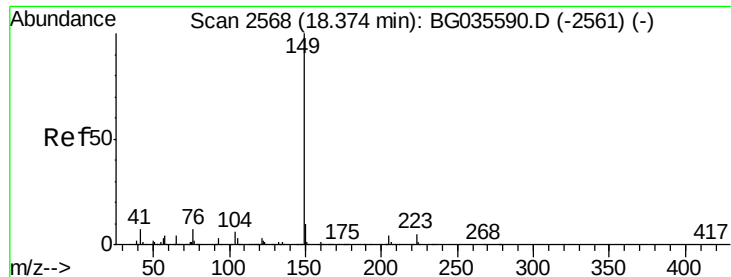
Tgt Ion:178 Resp: 74
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 0.0 12.5 18.7#



#72
 Carbazole
 Concen: 0.005 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. -0.19 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Tgt Ion:167 Resp: 62
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 0.141 ng

RT: 18.36 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

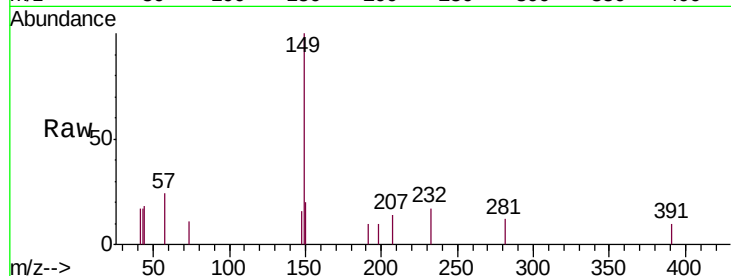
Tgt Ion:149 Resp: 2273

Ion Ratio Lower Upper

149 100

150 19.7 7.8 11.6#

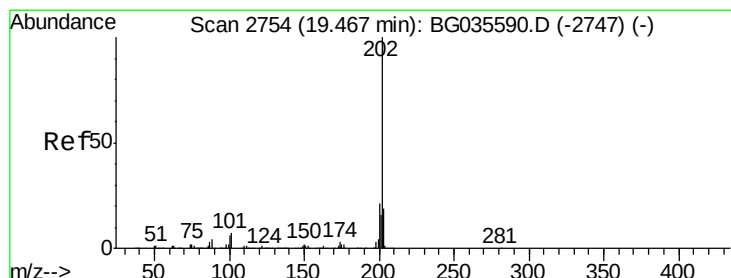
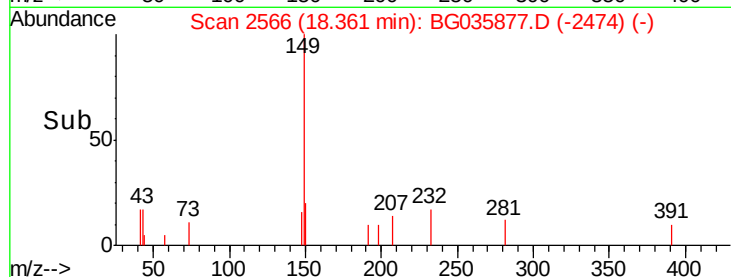
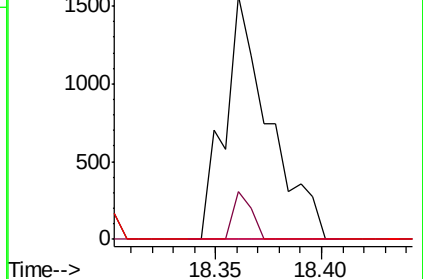
104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.018 ng

RT: 19.47 min Scan# 2754

Delta R.T. 0.02 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

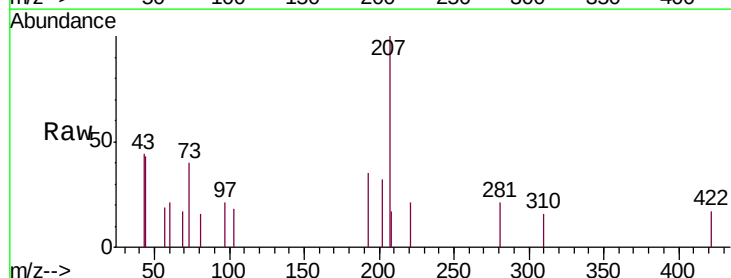
Tgt Ion:202 Resp: 344

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

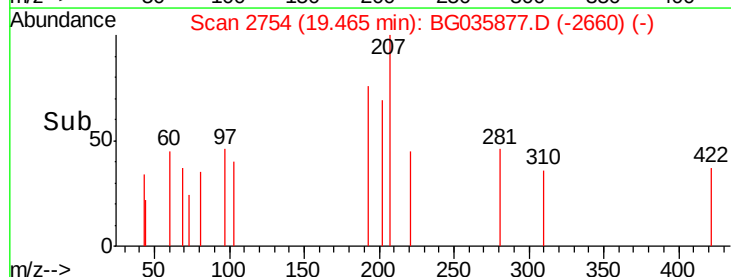
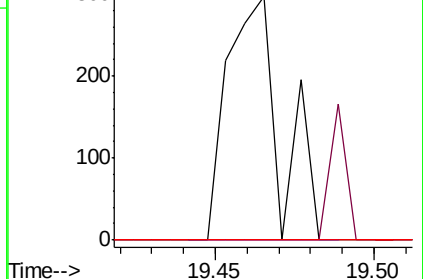
203 0.0 0.0 37.5

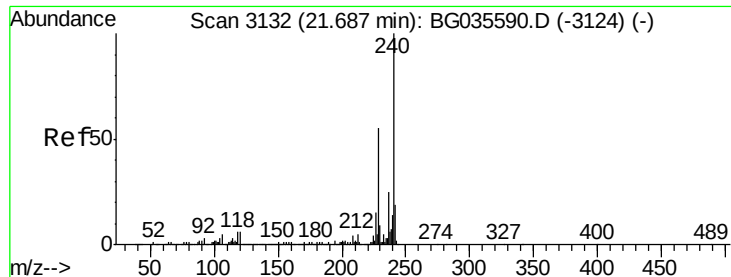


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

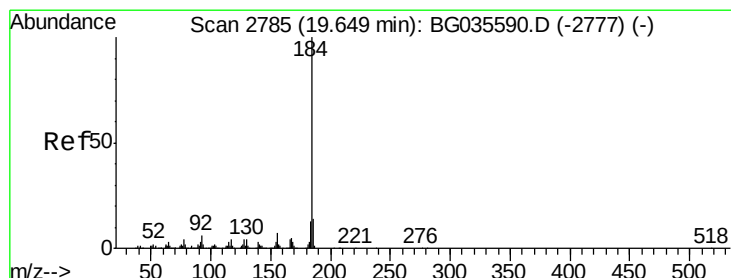
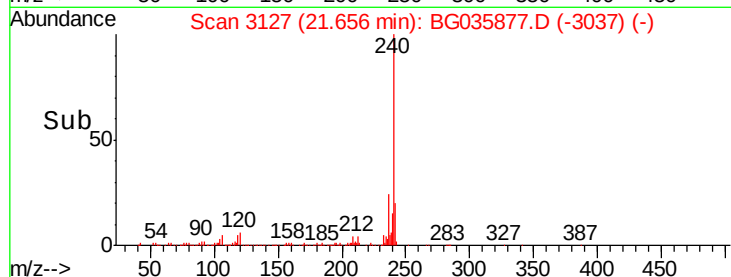
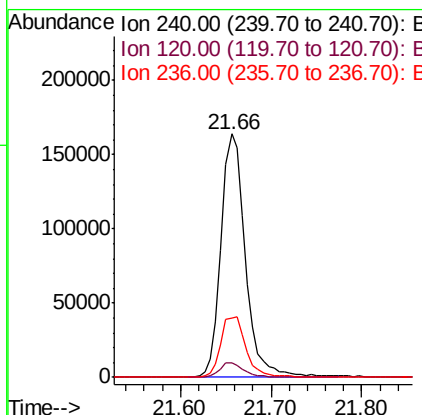
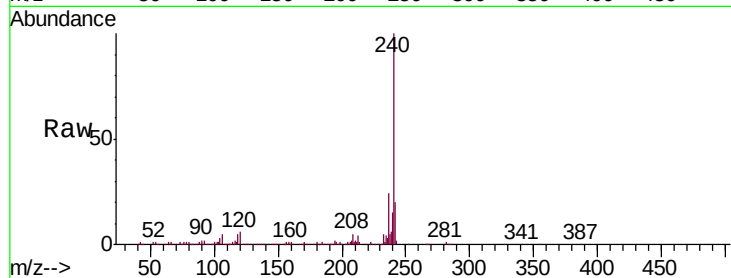




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

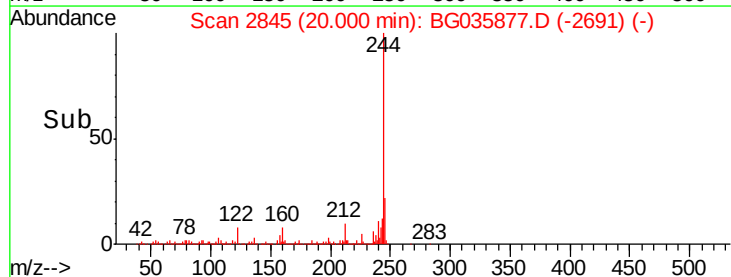
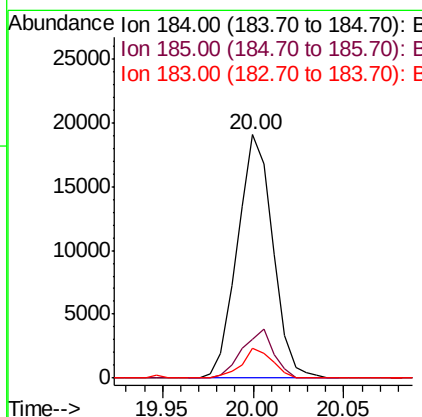
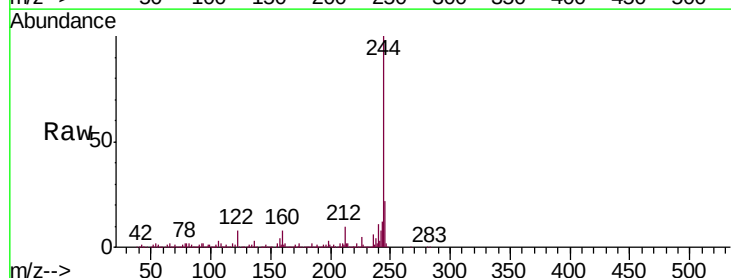
Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

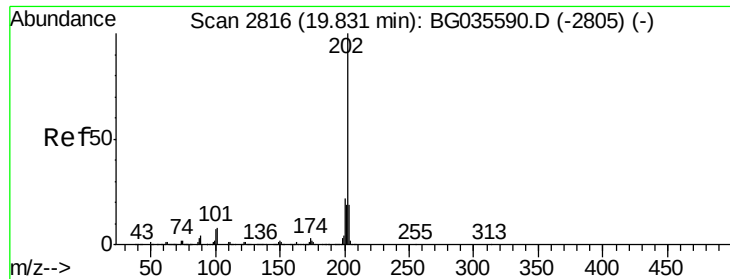
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	24.5	20.9	31.3



#76
Benzidine
Concen: 3.198 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.37 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.1	16.7
183	12.4	10.6	16.0

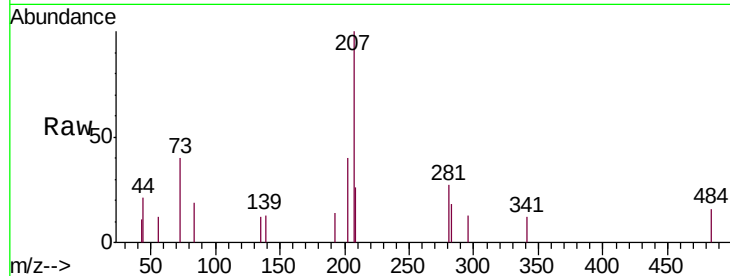




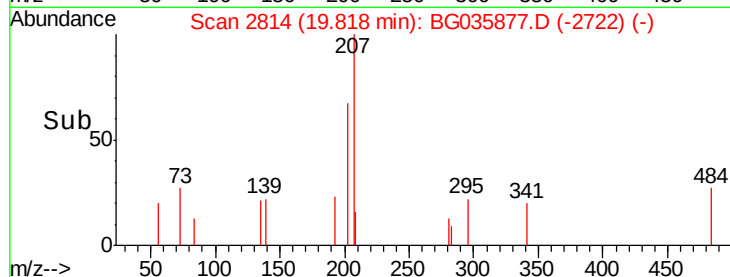
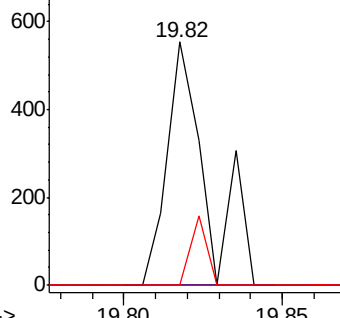
#77
 Pyrene
 Concen: 0.025 ng
 RT: 19.82 min Scan# 2814
 Delta R.T. 0.01 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

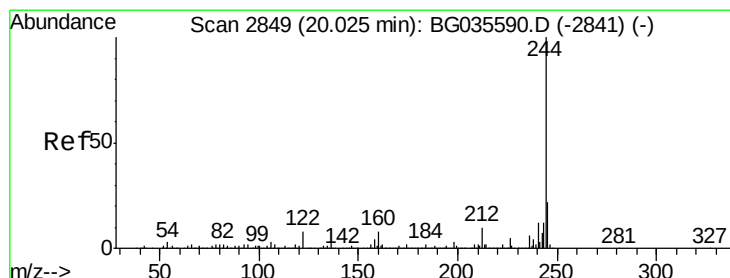
Tgt Ion: 202 Resp: 477
 Ion Ratio Lower Upper
 202 100
 200 0.0 16.9 25.3#
 203 0.0 13.9 20.9#



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

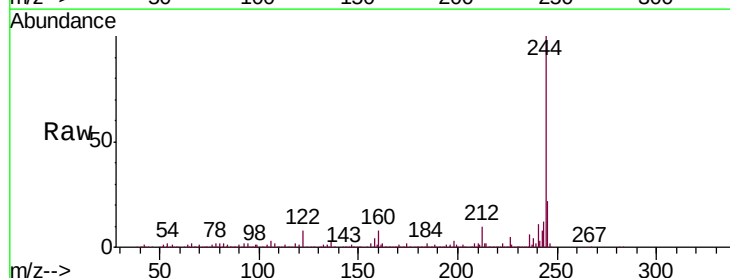


Time-->

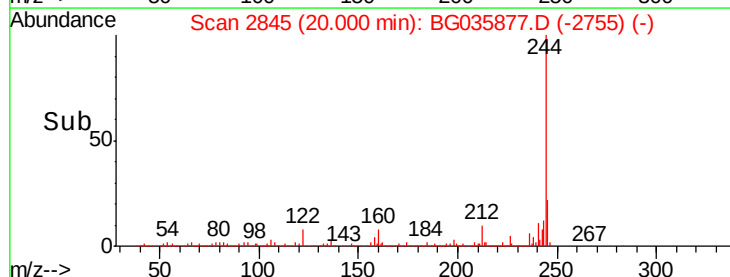
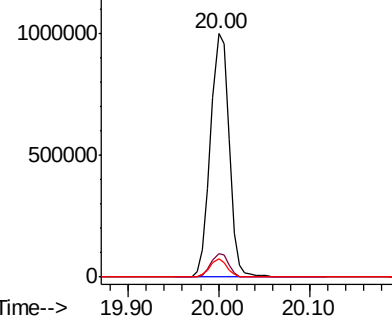


#78
 Terphenyl-d14
 Concen: 102.722 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

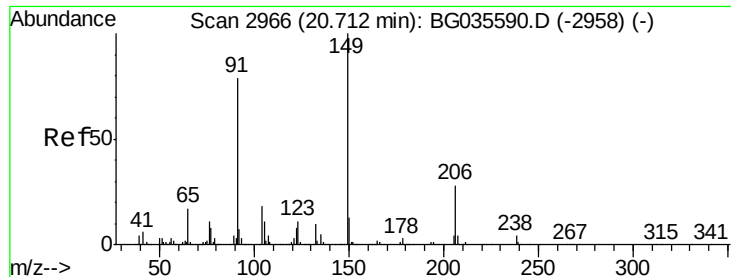
Tgt Ion: 244 Resp: 1431789
 Ion Ratio Lower Upper
 244 100
 212 9.7 5.8 8.8#
 122 7.5 7.0 10.4



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



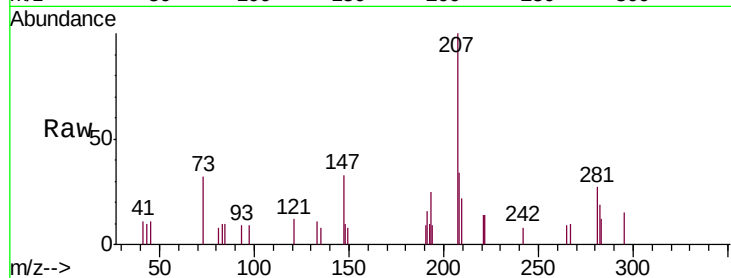
Time-->



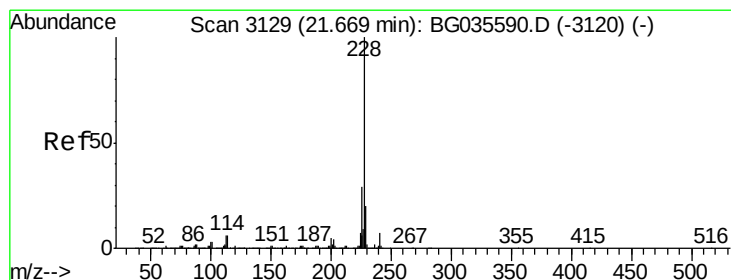
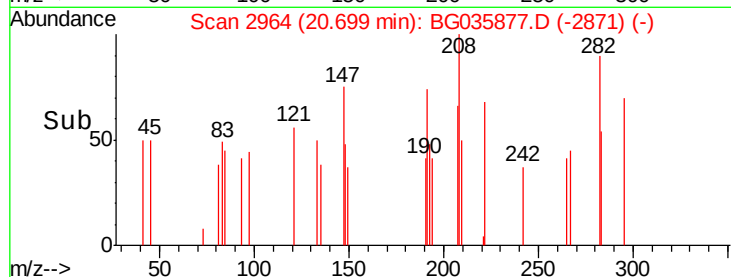
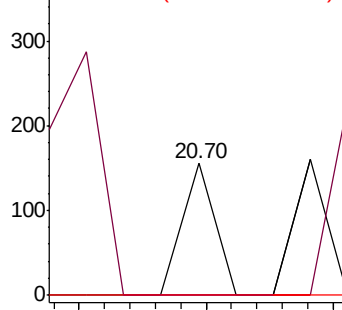
#79
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.70 min Scan# 2964
Delta R.T. 0.02 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Instrument :
BNA_G
ClientSampleId :
GB-SOIL-PILE

Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	62.2	93.2#
206	0.0	18.6	27.8#

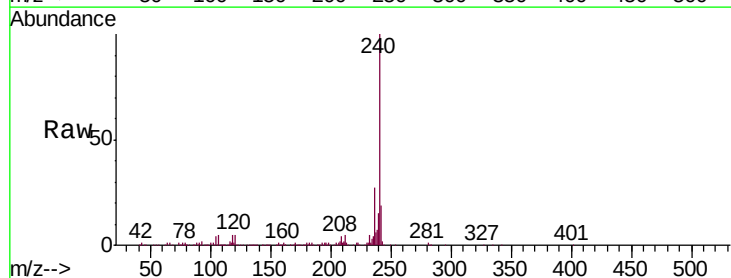


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

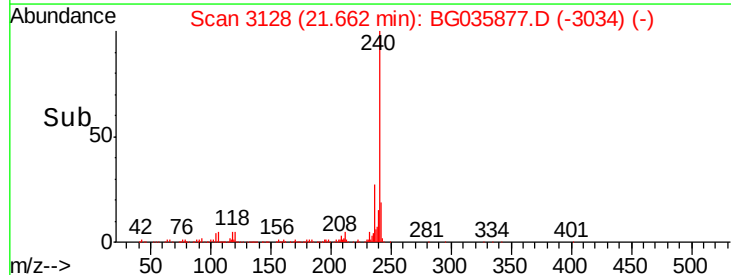
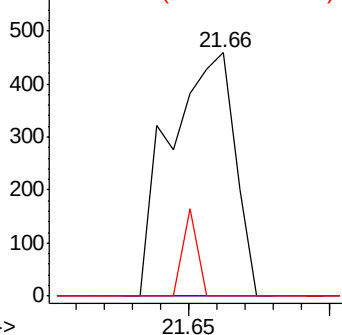


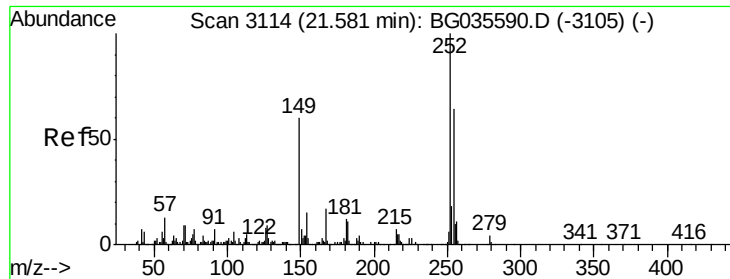
#80
Benzo(a)anthracene
Concen: 0.038 ng
RT: 21.66 min Scan# 3128
Delta R.T. 0.02 min
Lab File: BG035877.D
Acq: 25 Jul 2018 17:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	0.0	16.2	24.2#



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

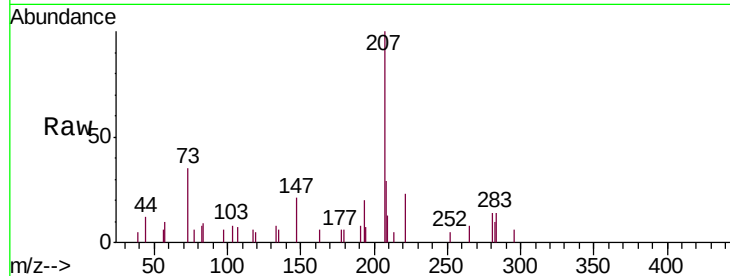




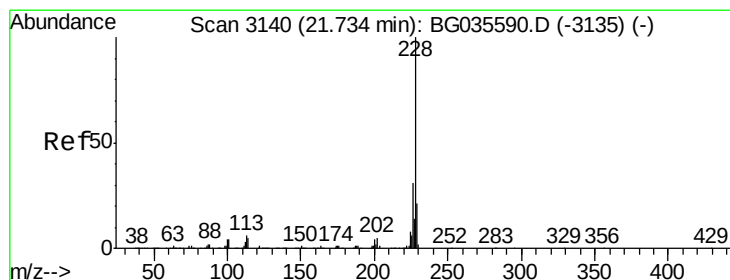
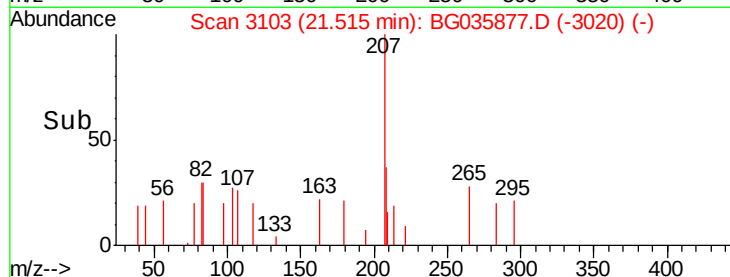
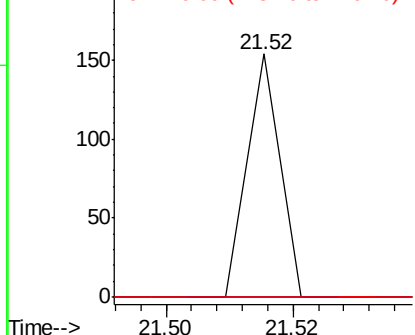
#81
 3,3'-Dichlorobenzidine
 Concen: 0.008 ng
 RT: 21.52 min Scan# 3103
 Delta R.T. -0.04 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Instrument :
 BNA_G
 ClientSampleId :
 GB-SOIL-PILE

Tgt Ion: 252 Resp: 54
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 0.0 7.4 11.2#

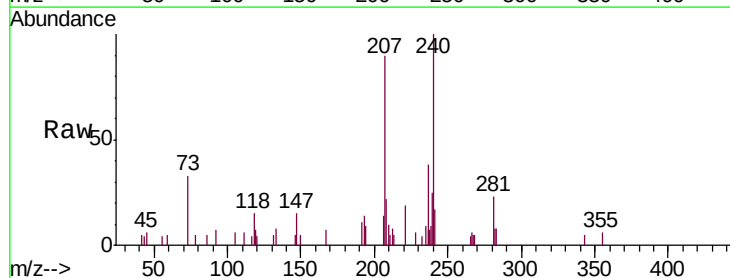


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

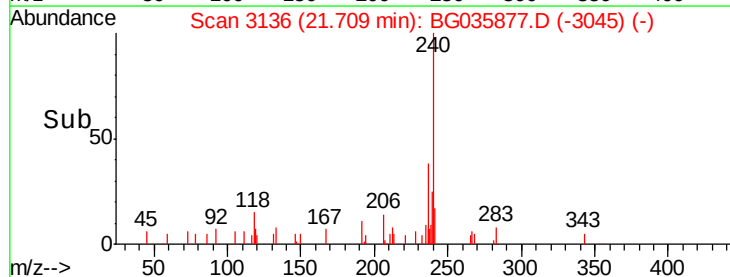
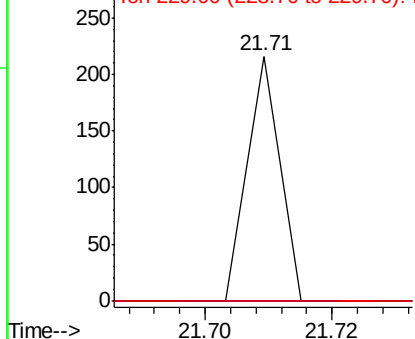


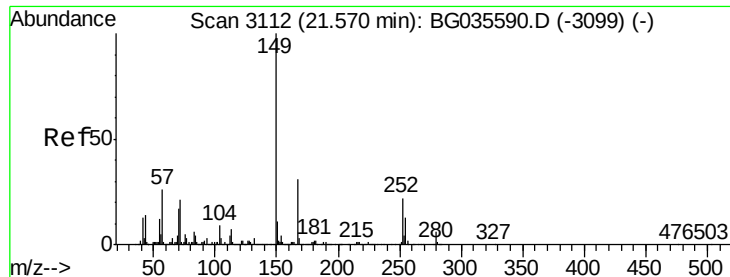
#82
 Chrysene
 Concen: 0.004 ng
 RT: 21.71 min Scan# 3136
 Delta R.T. 0.00 min
 Lab File: BG035877.D
 Acq: 25 Jul 2018 17:10

Tgt Ion: 228 Resp: 76
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.9 37.3#
 229 0.0 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

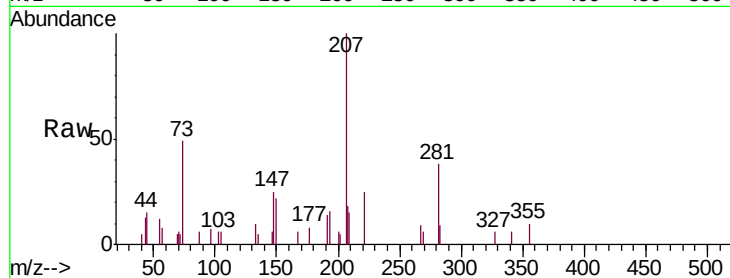
Tgt Ion:149 Resp: 955

Ion Ratio Lower Upper

149 100

167 26.2 24.3 36.5

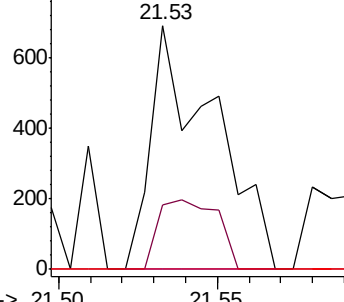
279 0.0 4.0 6.0#



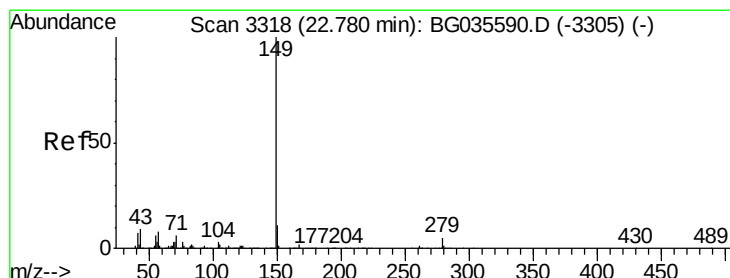
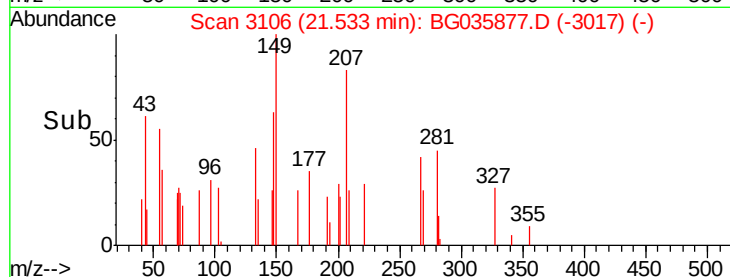
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.50 21.55



#84

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.75 min Scan# 3314

Delta R.T. 0.02 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

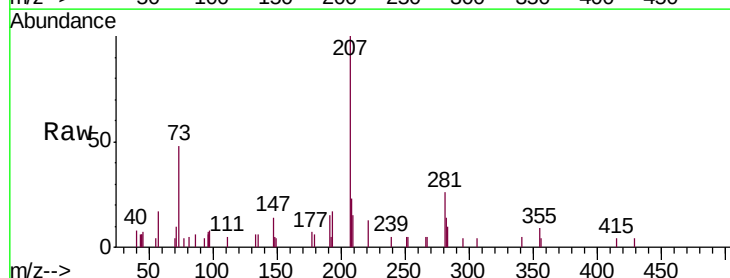
Tgt Ion:149 Resp: 57

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

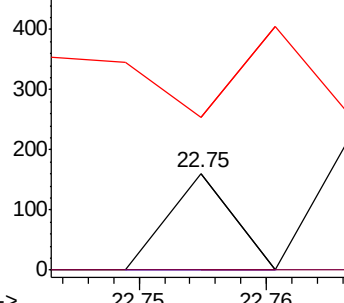
43 368.4 8.9 13.3#



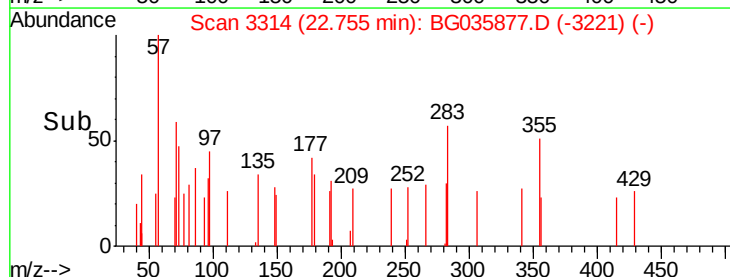
Abundance Ion 149.00 (148.70 to 149.70): E

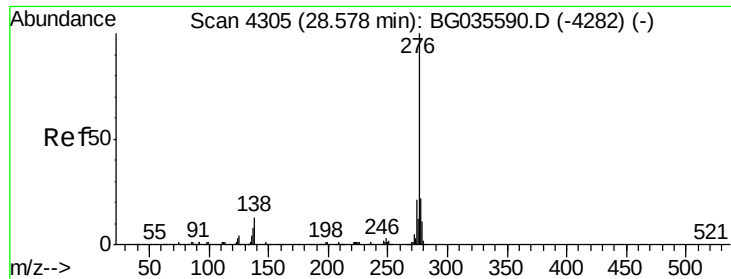
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time--> 22.75 22.76





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 28.64 min Scan# 4315

Delta R.T. 0.13 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

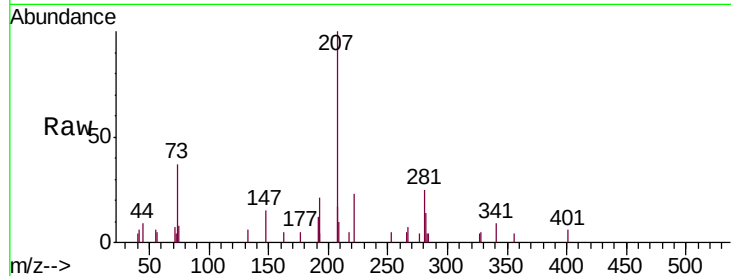
Tgt Ion:276 Resp: 56

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

277 0.0 20.0 30.0#



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

28.64

150

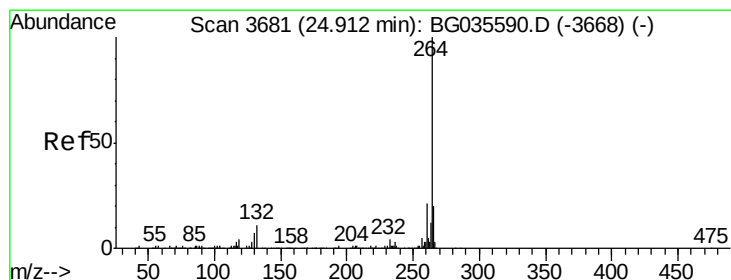
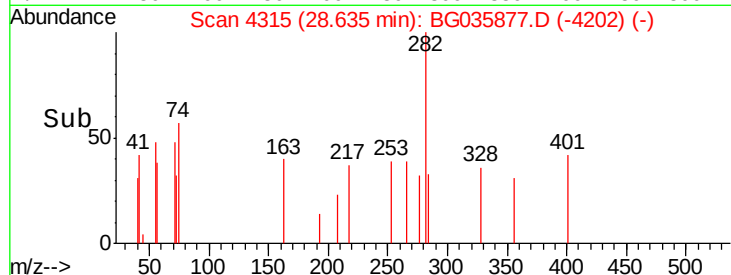
100

50

0

28.62 28.64

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

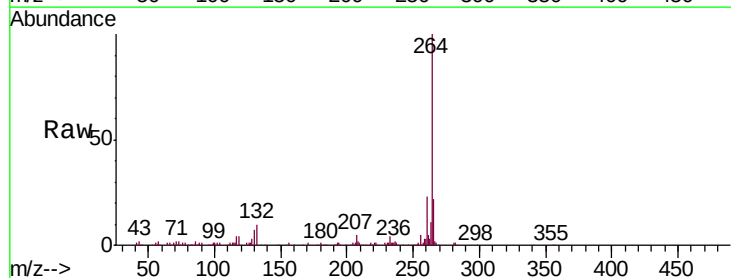
Tgt Ion:264 Resp: 293767

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.8 17.7 26.5



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

24.85

120000

100000

80000

60000

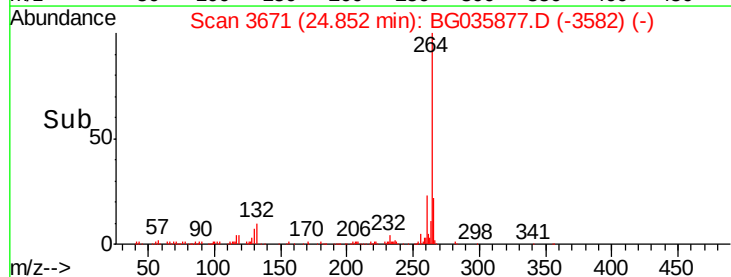
40000

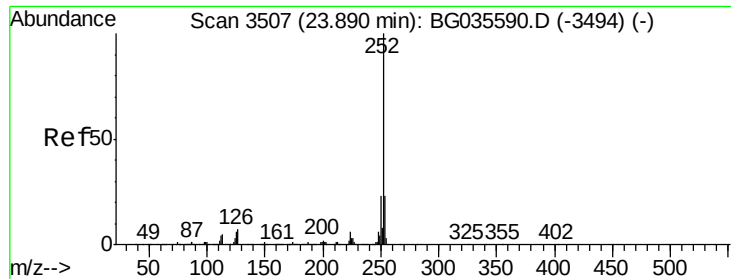
20000

0

24.70 24.80 24.90 25.00

Time-->





#87

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 23.88 min Scan# 3506

Delta R.T. 0.04 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

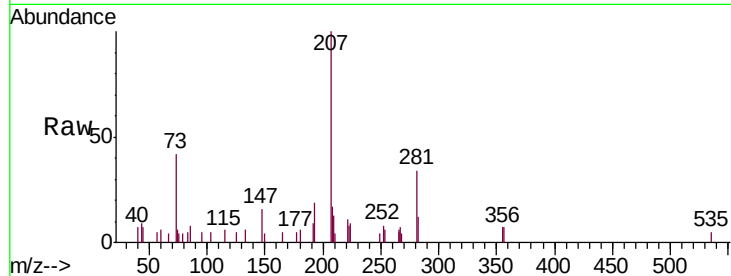
Tgt Ion:252 Resp: 108

Ion Ratio Lower Upper

252 100

253 76.5 18.2 27.4#

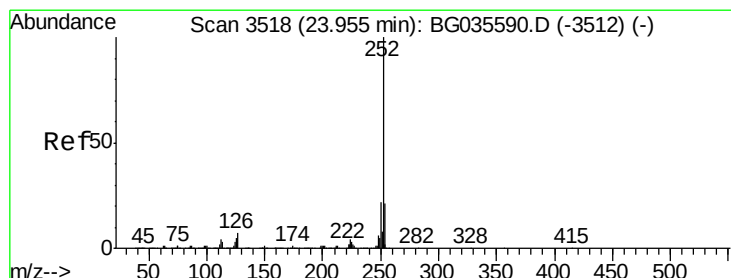
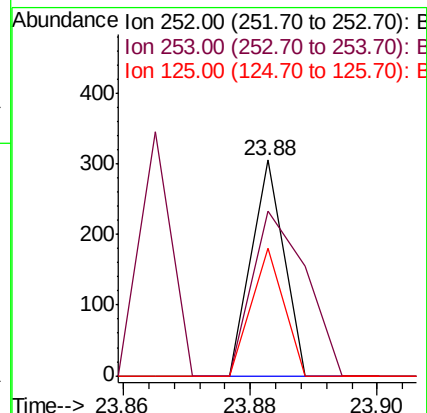
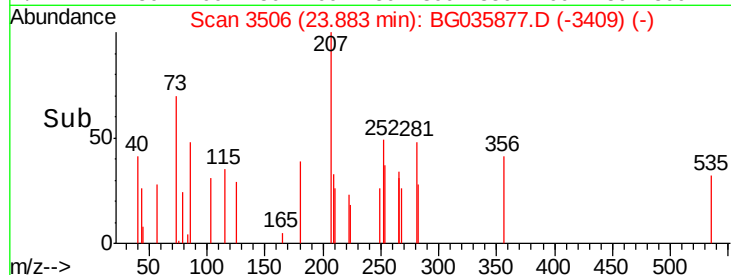
125 59.2 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 23.88 min Scan# 3506

Delta R.T. -0.03 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

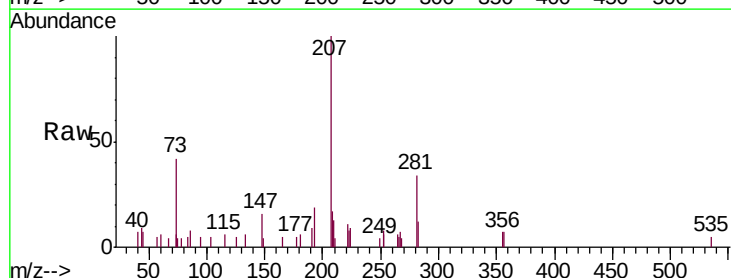
Tgt Ion:252 Resp: 108

Ion Ratio Lower Upper

252 100

253 76.5 17.4 26.2#

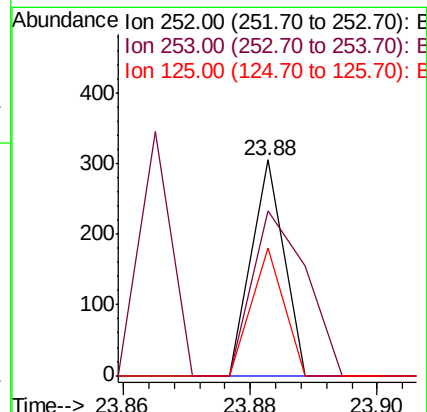
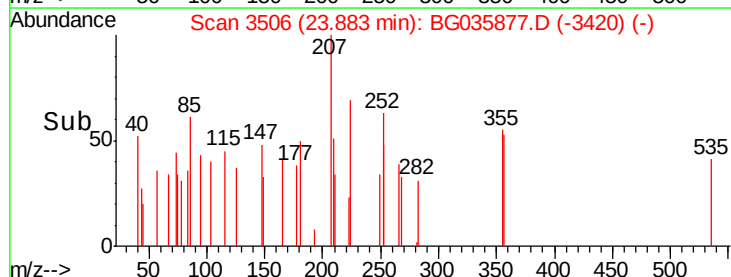
125 59.2 6.6 9.8#

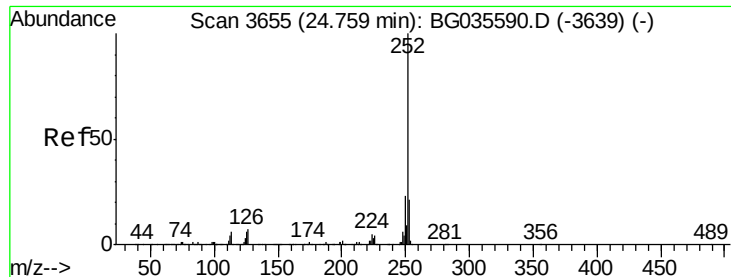


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.004 ng

RT: 24.71 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

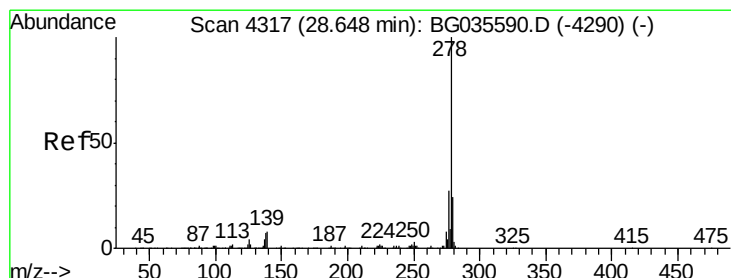
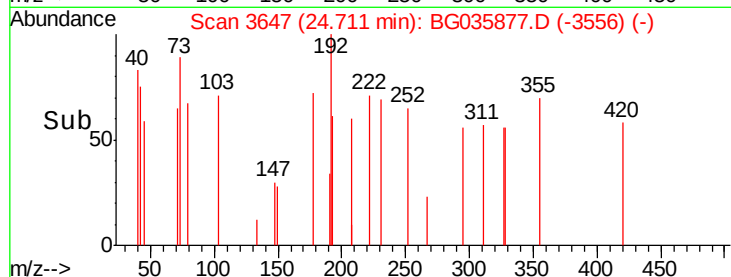
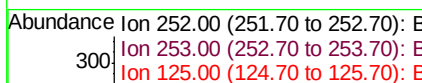
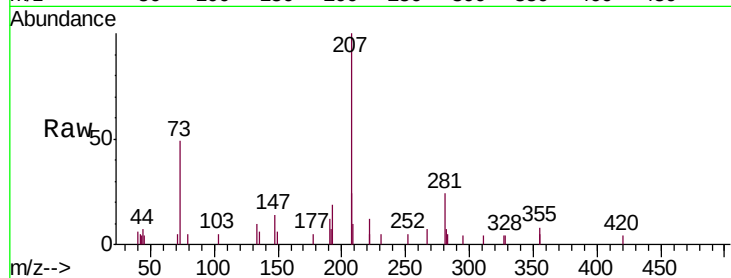
Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

Tgt Ion:	252	Resp:	62
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 0.004 ng

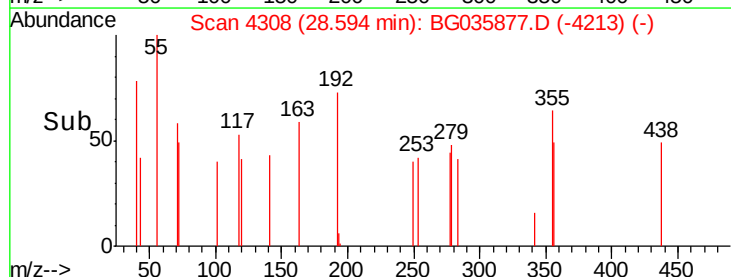
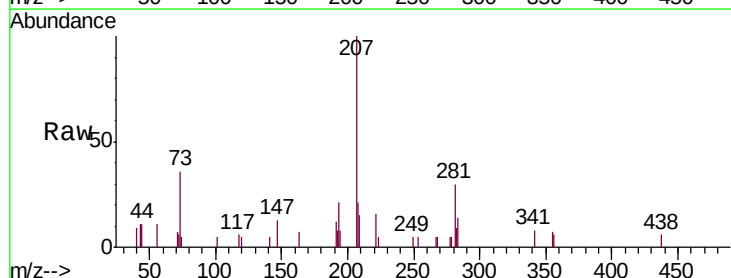
RT: 28.59 min Scan# 4308

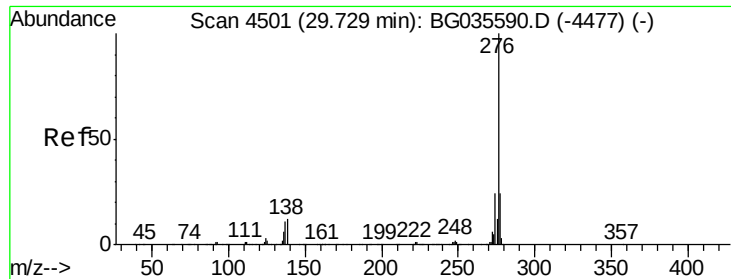
Delta R.T. 0.03 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Tgt Ion:	278	Resp:	64
Ion Ratio	Lower	Upper	
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#





#91

Benzo(g,h,i)perylene

Concen: 0.004 ng

RT: 29.40 min Scan# 4446

Delta R.T. -0.23 min

Lab File: BG035877.D

Acq: 25 Jul 2018 17:10

Instrument :

BNA_G

ClientSampleId :

GB-SOIL-PILE

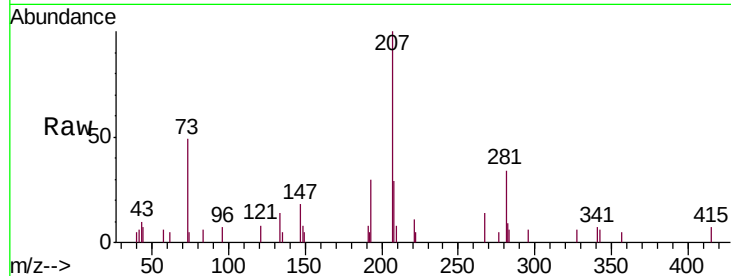
Tgt Ion: 276 Resp: 57

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



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

