

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036208.D
 Acq On : 8 Aug 2018 21:51
 Operator : JU/SJ
 Sample : J4360-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Quant Time: Aug 09 01:32:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29112	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	101027	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	73490	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	215034	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	254374	20.00	ng	-0.01
86) Perylene-d12	24.83	264	245143	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	210546	120.07	ng	0.00
7) Phenol-d6	7.19	99	276916	105.85	ng	0.00
23) Nitrobenzene-d5	9.17	82	229715	94.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	174690	180.34	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	516553	94.17	ng	-0.02
78) Terphenyl-d14	19.99	244	1112829	96.43	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	26698	29.915	ng	# 79
3) Pyridine	3.92	79	30358	13.030	ng	# 68
4) n-Nitrosodimethylamine	3.83	42	34382	34.368	ng	# 87
6) Aniline	7.35	93	21242	6.264	ng	94
8) 2-Chlorophenol	7.58	128	74583	41.821	ng	96
9) Benzaldehyde	7.15	77	62643	39.024	ng	99
10) Phenol	7.21	94	96235	36.410	ng	91
11) bis(2-Chloroethyl)ether	7.43	93	81431	39.340	ng	94
12) 1,3-Dichlorobenzene	8.05	146	92784	43.083	ng	96
13) 1,4-Dichlorobenzene	8.05	146	92784	42.403	ng	96
14) 1,2-Dichlorobenzene	8.36	146	89626	42.636	ng	95
15) Benzyl Alcohol	8.26	79	80312	33.805	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	88656	51.087	ng	70
17) 2-Methylphenol	8.46	107	72283	40.223	ng	# 86
18) Hexachloroethane	9.09	117	36284	43.368	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	76520	34.734	ng	# 83
20) 3+4-Methylphenols	8.79	107	99326	39.842	ng	92
22) Acetophenone	8.83	105	141870	45.158	ng	# 92
24) Nitrobenzene	9.21	77	121532	49.969	ng	95
25) Isophorone	9.73	82	213603	47.580	ng	98
26) 2-Nitrophenol	9.93	139	46928	54.329	ng	# 88
27) 2,4-Dimethylphenol	9.98	122	79591	54.435	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	109726	44.356	ng	92
29) 2,4-Dichlorophenol	10.47	162	89836	53.825	ng	87
30) 1,2,4-Trichlorobenzene	10.68	180	103970	50.801	ng	97
31) Naphthalene	10.86	128	250508	47.602	ng	98
32) Benzoic acid	10.16	122	16177	16.435	ng	97
33) 4-Chloroaniline	11.00	127	7073	3.084	ng	95
34) Hexachlorobutadiene	11.14	225	81696	51.190	ng	97
35) Caprolactam	11.76	113	15733	21.966	ng	# 67
36) 4-Chloro-3-methylphenol	12.10	107	114179	51.036	ng	93
37) 2-Methylnaphthalene	12.46	142	194642	49.645	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	140418	50.624	ng	99
40) Hexachlorocyclopentadiene	12.81	237	165390	113.695	ng	90

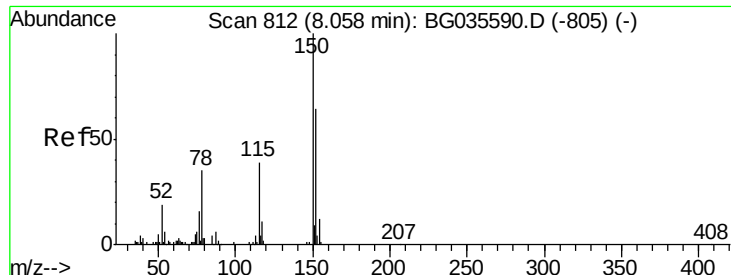
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	86761	53.487	ng	98
43) 2,4,5-Trichlorophenol	13.16	196	96466	53.160	ng	96
45) 1,1'-Biphenyl	13.47	154	271644	47.677	ng	97
46) 2-Chloronaphthalene	13.51	162	217599	49.099	ng	99
47) 2-Nitroaniline	13.72	65	74203	47.359	ng	97
48) Acenaphthylene	14.36	152	367996	49.569	ng	98
49) Dimethylphthalate	14.09	163	314374	48.825	ng	99
50) 2,6-Dinitrotoluene	14.21	165	71327	54.399	ng	91
51) Acenaphthene	14.70	154	213757	46.222	ng	98
52) 3-Nitroaniline	14.55	138	20810	15.528	ng #	87
53) 2,4-Dinitrophenol	14.76	184	65658	95.948	ng #	65
54) Dibenzofuran	15.04	168	374307	50.892	ng	93
55) 4-Nitrophenol	14.87	139	80979	84.849	ng #	80
56) 2,4-Dinitrotoluene	15.00	165	110407	58.694	ng	90
57) Fluorene	15.68	166	312127	50.634	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.26	232	104405	60.007	ng	92
59) Diethylphthalate	15.45	149	325937	49.230	ng	99
60) 4-Chlorophenyl-phenylether	15.67	204	183203	50.565	ng	96
61) 4-Nitroaniline	15.71	138	60087	42.863	ng #	72
62) Azobenzene	15.96	77	329259	50.418	ng	94
64) 4,6-Dinitro-2-methylphenol	15.77	198	60945	50.914	ng	79
65) n-Nitrosodiphenylamine	15.89	169	289333	47.272	ng	96
66) 4-Bromophenyl-phenylether	16.56	248	128341	51.444	ng	93
67) Hexachlorobenzene	16.69	284	133258	51.869	ng	94
68) Atrazine	16.84	200	138577	54.990	ng	97
69) Pentachlorophenol	17.03	266	120272	76.859	ng	96
70) Phenanthrene	17.42	178	540842	50.406	ng	98
71) Anthracene	17.51	178	545473	51.055	ng	98
72) Carbazole	17.78	167	513731	50.632	ng	98
73) Di-n-butylphthalate	18.33	149	594478	49.580	ng #	98
74) Fluoranthene	19.43	202	762049	52.726	ng	95
77) Pyrene	19.79	202	772050	48.000	ng	98
79) Butylbenzylphthalate	20.67	149	287293	49.948	ng #	95
80) Benzo(a)anthracene	21.62	228	776590	48.990	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	95666	17.308	ng #	95
82) Chrysene	21.69	228	725811	49.410	ng	97
83) Bis(2-ethylhexyl)phthalate	21.52	149	389750	49.842	ng #	98
84) Di-n-octyl phthalate	22.71	149	656694	50.156	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	805868	49.551	ng #	85
87) Benzo(b)fluoranthene	23.82	252	757665	50.851	ng #	96
88) Benzo(k)fluoranthene	23.88	252	714465	49.048	ng #	96
89) Benzo(a)pyrene	24.68	252	722796	52.144	ng #	97
90) Dibenzo(a,h)anthracene	28.52	278	668048	49.090	ng #	96
91) Benzo(g,h,i)perylene	29.60	276	673180	50.552	ng #	90

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

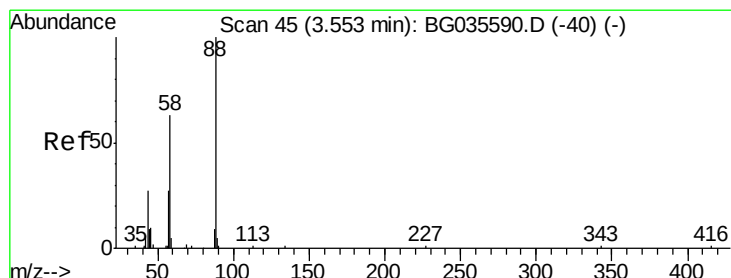
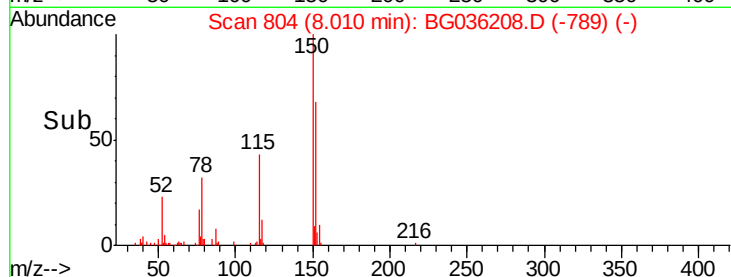
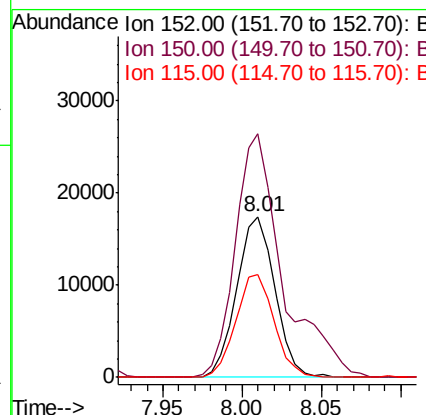
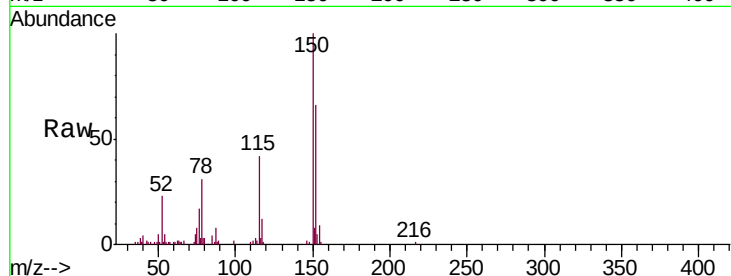


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

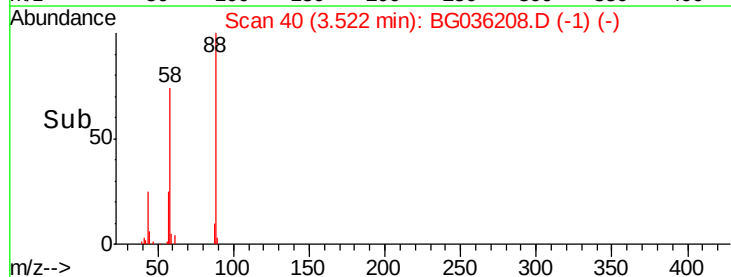
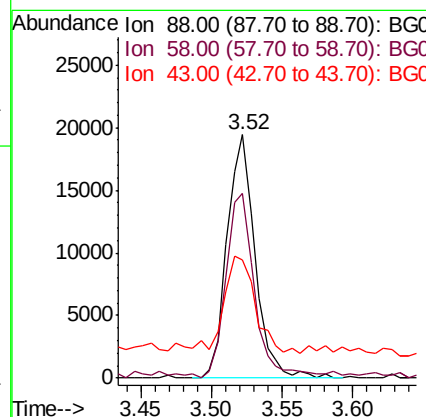
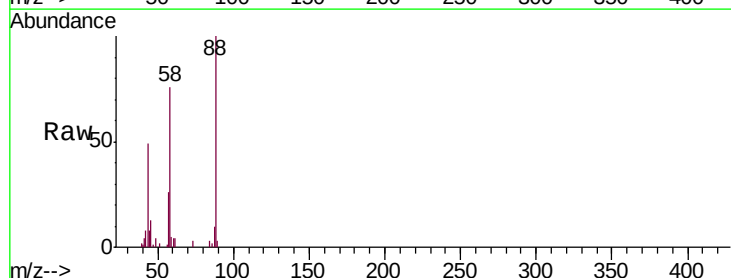
Tgt Ion:152 Resp: 29112
Ion Ratio Lower Upper
152 100
150 151.5 126.6 189.8
115 63.7 53.0 79.4

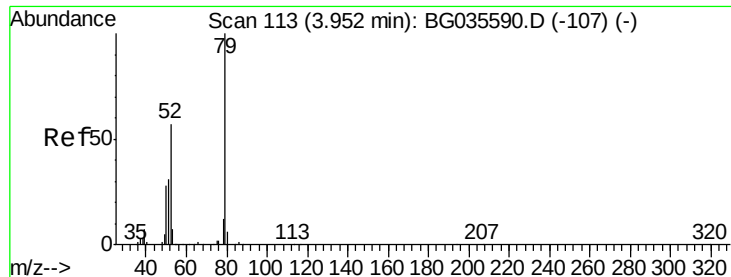


#2

1,4-Dioxane
Concen: 29.915 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion: 88 Resp: 26698
Ion Ratio Lower Upper
88 100
58 78.0 79.6 119.4#
43 45.4 27.4 41.0#





#3

Pyridine

Concen: 13.030 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

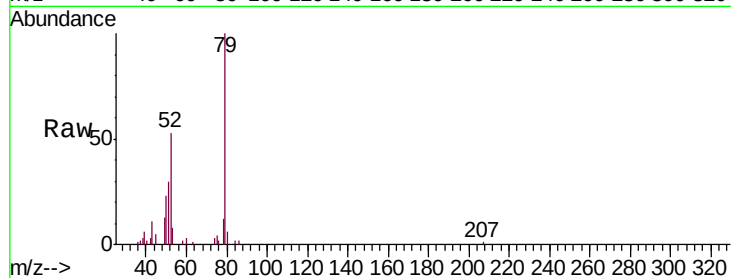
Tgt Ion: 79 Resp: 30358

Ion Ratio Lower Upper

79 100

52 52.9 69.9 104.9#

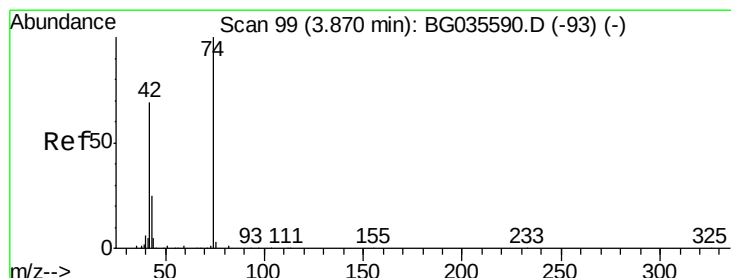
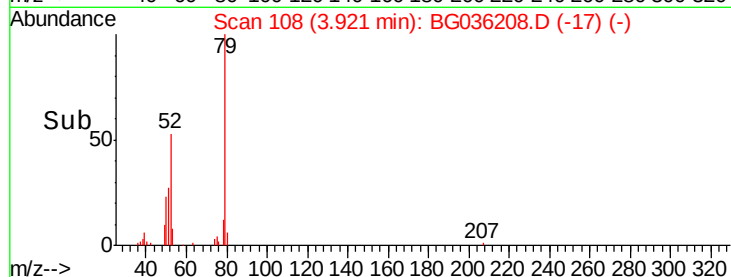
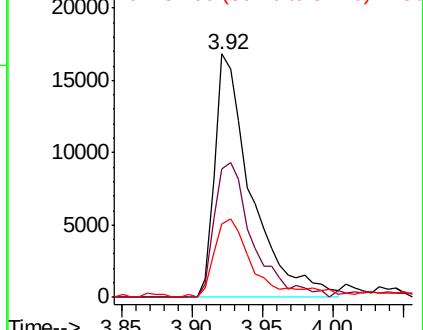
51 29.9 34.0 51.0#



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: 34.368 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

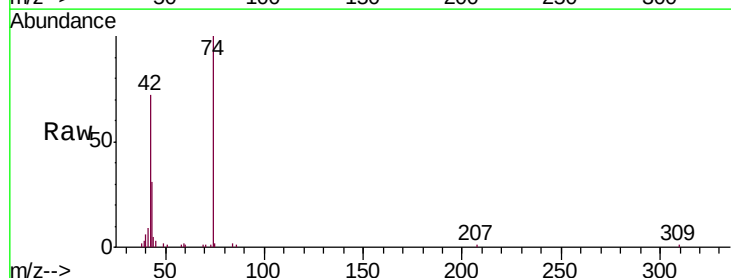
Tgt Ion: 42 Resp: 34382

Ion Ratio Lower Upper

42 100

74 138.7 102.5 153.7

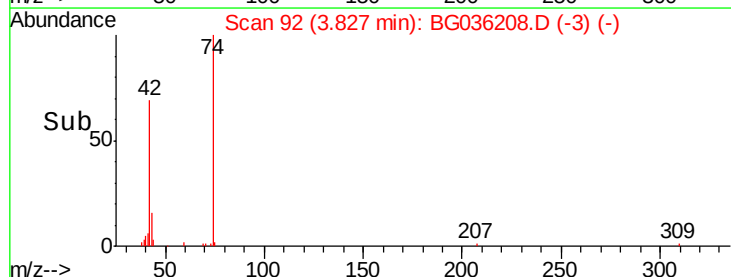
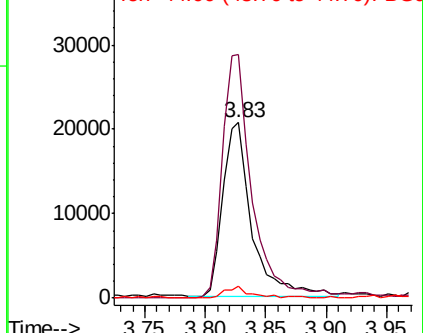
44 6.8 18.9 28.3#

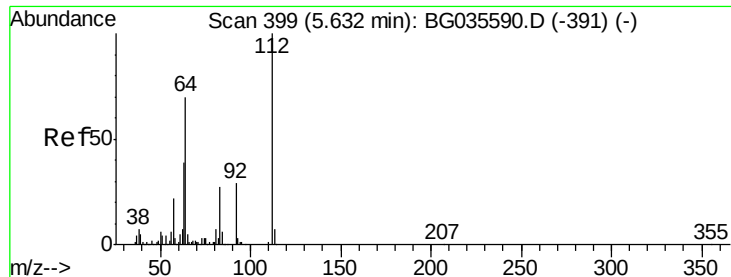


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 120.073 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

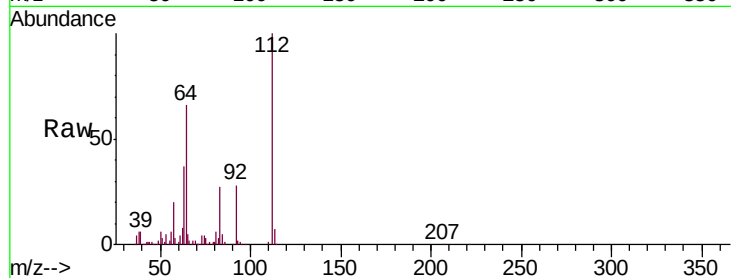
Tgt Ion: 112 Resp: 210546

Ion Ratio Lower Upper

112 100

64 66.5 56.3 84.5

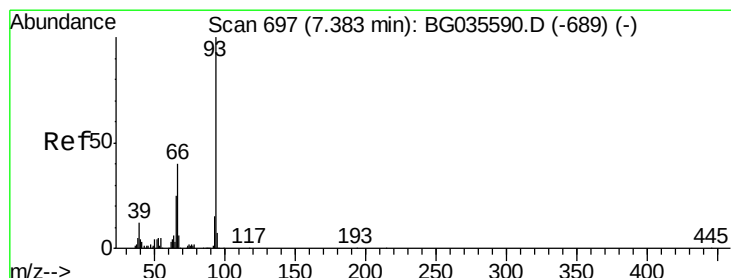
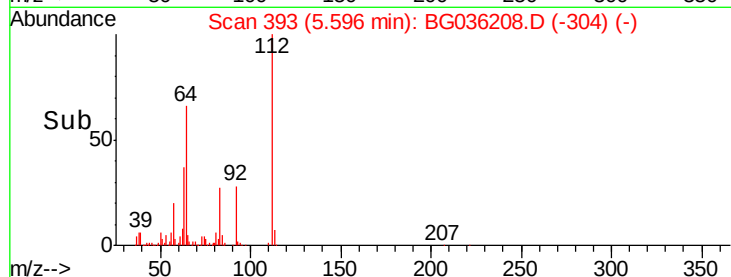
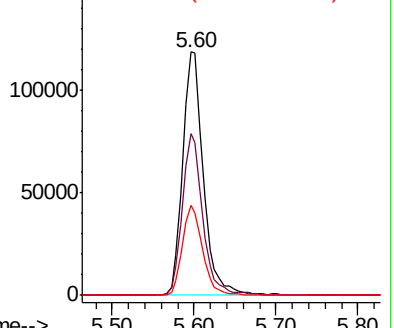
63 37.0 30.1 45.1



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: 6.264 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

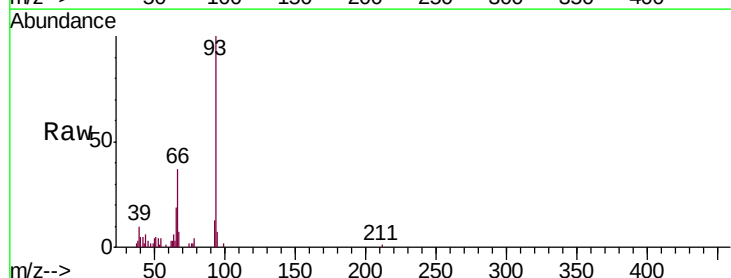
Tgt Ion: 93 Resp: 21242

Ion Ratio Lower Upper

93 100

66 37.2 33.7 50.5

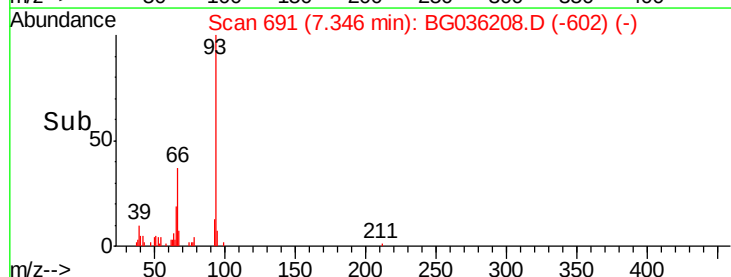
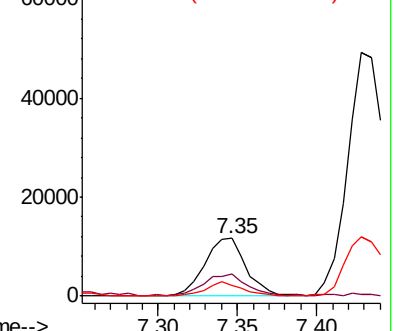
65 18.7 16.1 24.1

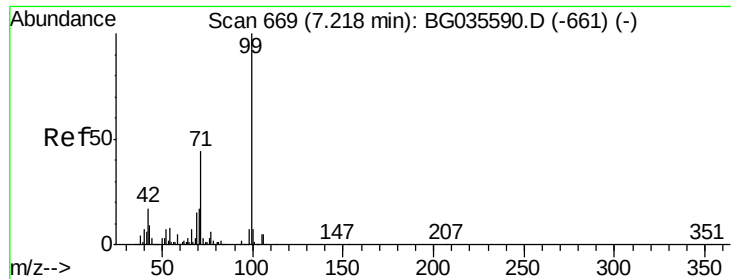


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.847 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

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ClientSampleId :

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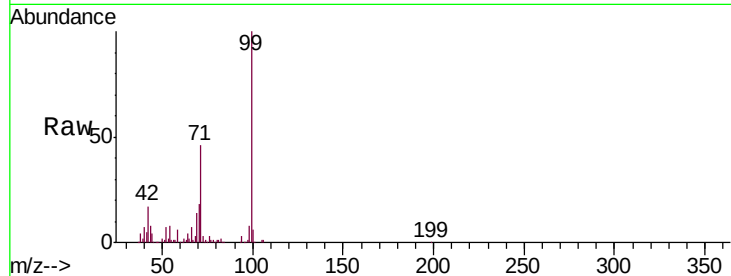
Tgt Ion: 99 Resp: 276916

Ion Ratio Lower Upper

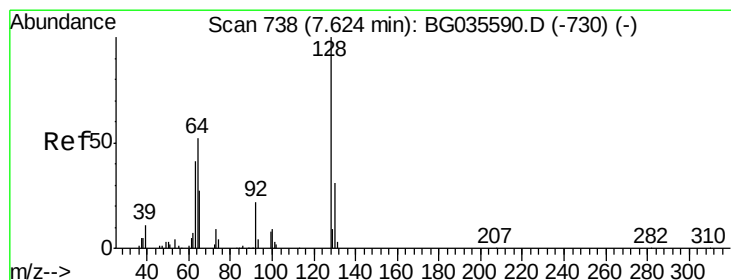
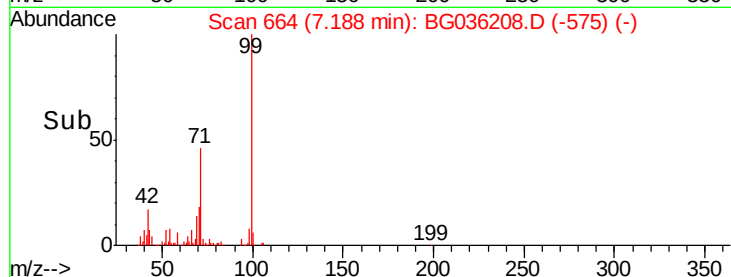
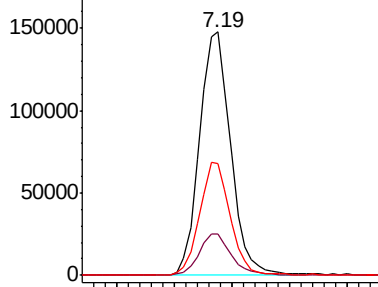
99 100

42 16.9 14.1 21.1

71 45.8 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: 41.821 ng

RT: 7.58 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

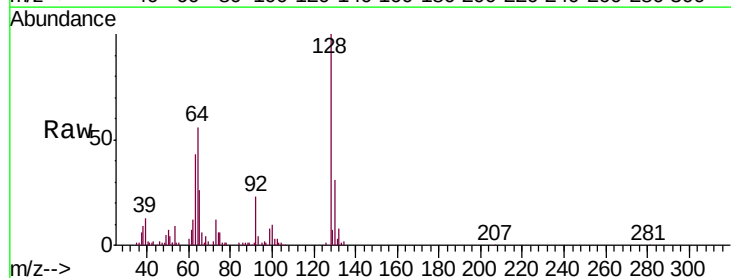
Tgt Ion: 128 Resp: 74583

Ion Ratio Lower Upper

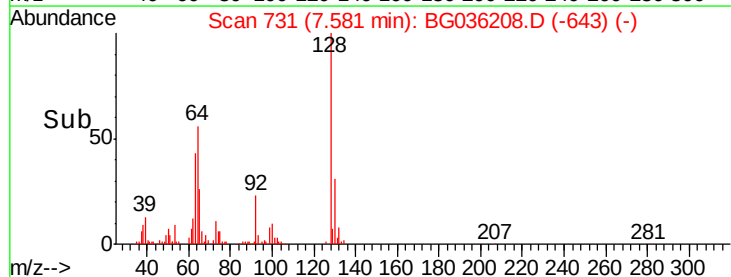
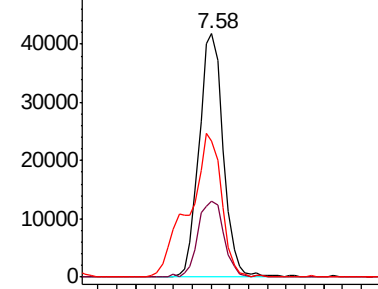
128 100

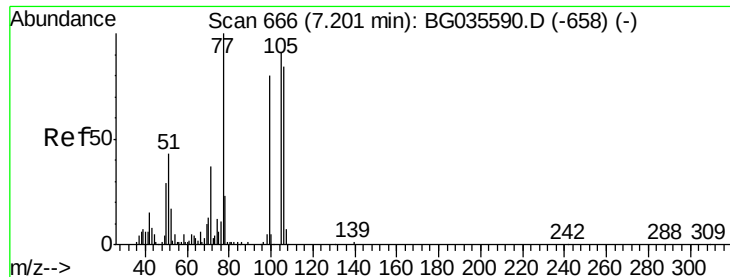
130 31.0 14.0 54.0

64 55.7 37.7 77.7



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





#9

Benzaldehyde

Concen: 39.024 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

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ClientSampleId :

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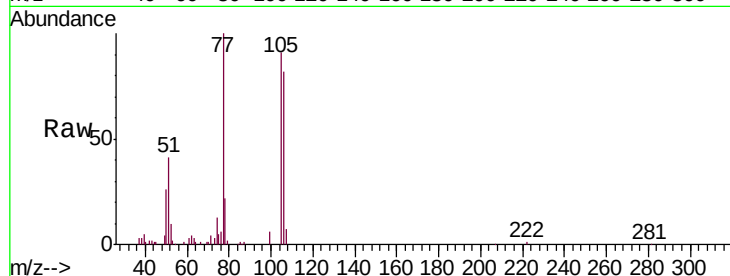
Tgt Ion: 77 Resp: 62643

Ion Ratio Lower Upper

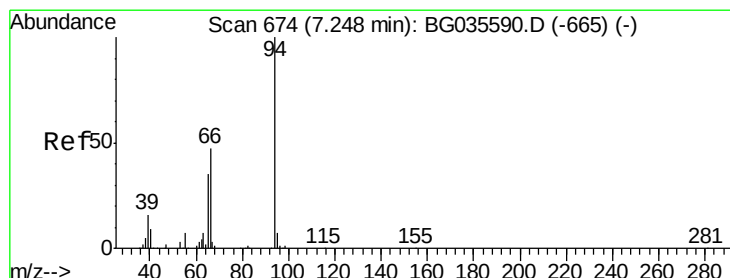
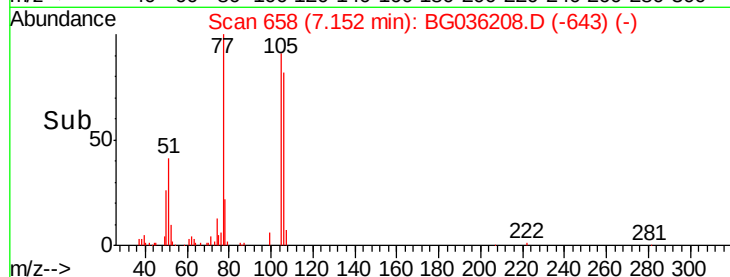
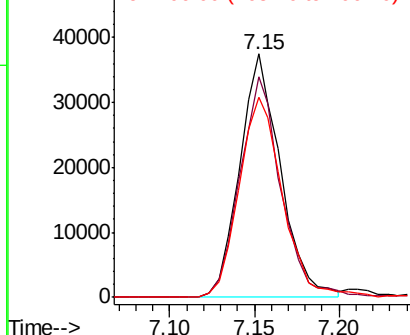
77 100

105 90.8 71.3 111.3

106 82.3 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: 36.410 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

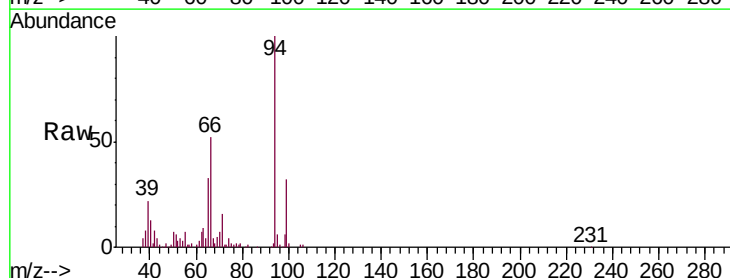
Tgt Ion: 94 Resp: 96235

Ion Ratio Lower Upper

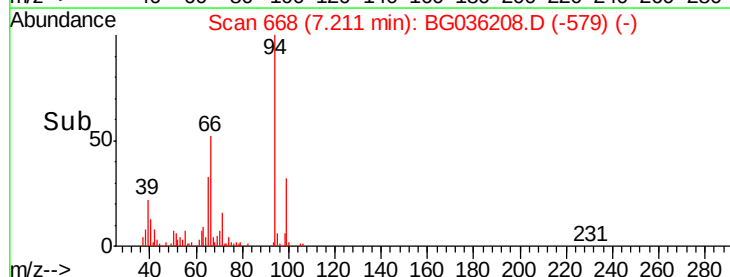
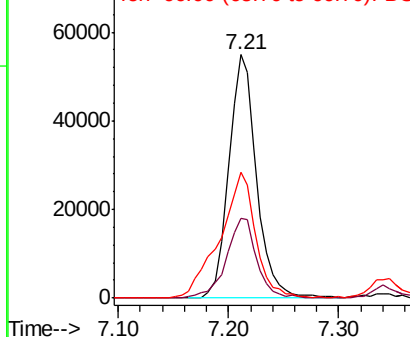
94 100

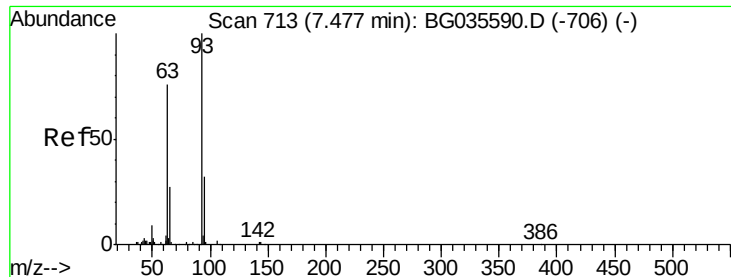
65 32.7 11.9 51.9

66 51.8 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

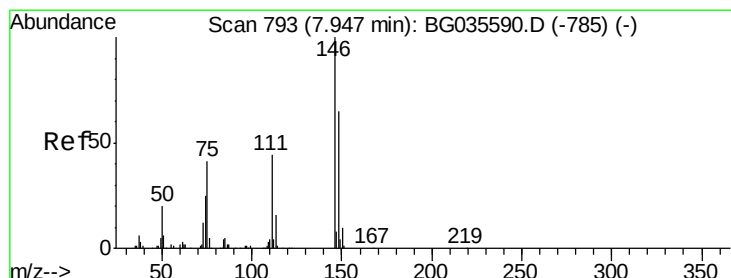
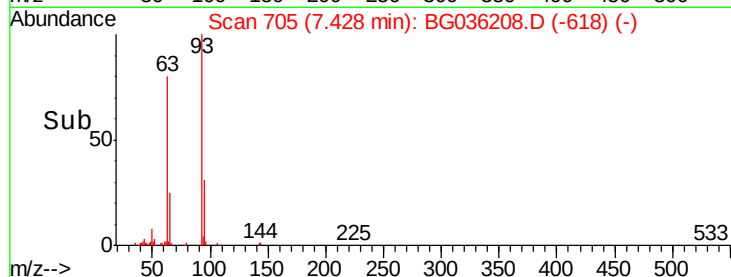
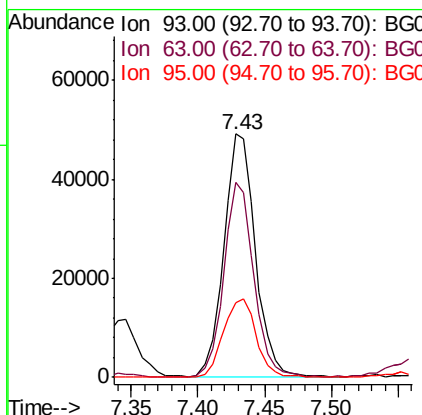
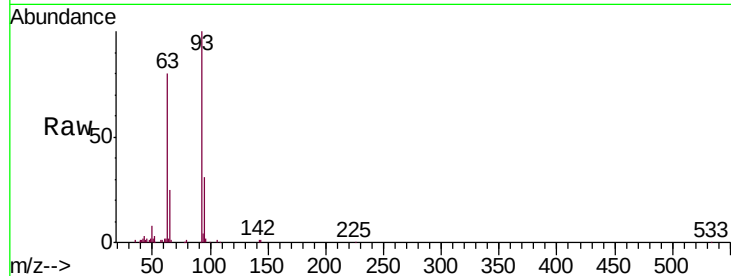




#11
 bis(2-Chloroethyl)ether
 Concen: 39.340 ng
 RT: 7.43 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

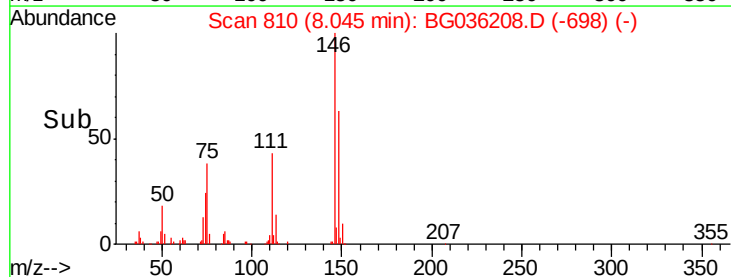
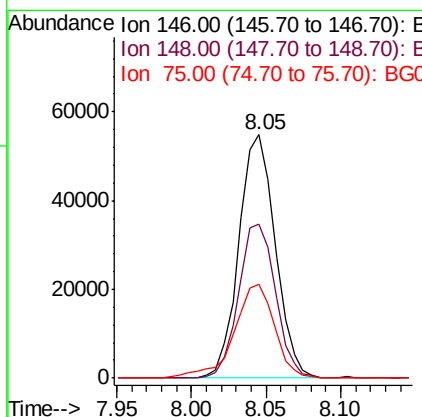
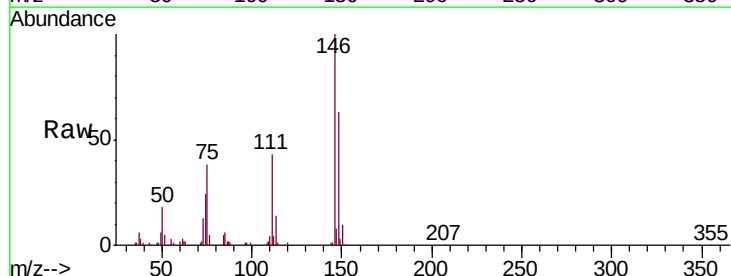
Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

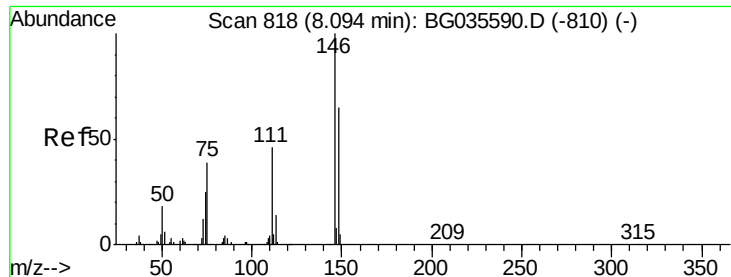
Tgt Ion: 93 Resp: 81431
 Ion Ratio Lower Upper
 93 100
 63 80.1 67.1 107.1
 95 30.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 43.083 ng
 RT: 8.05 min Scan# 810
 Delta R.T. 0.13 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion: 146 Resp: 92784
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.4 77.2
 75 38.4 26.6 39.8

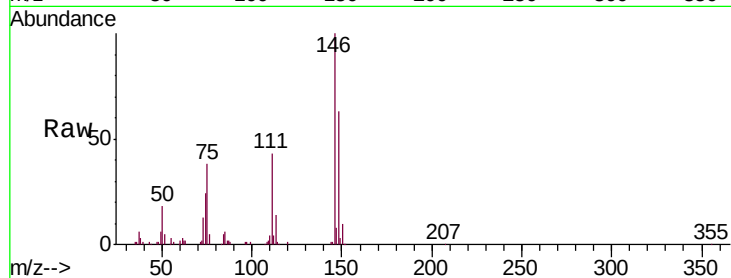




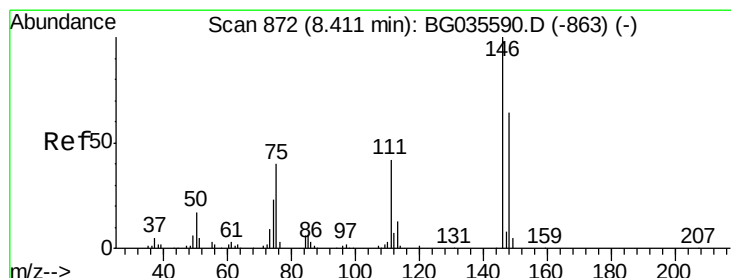
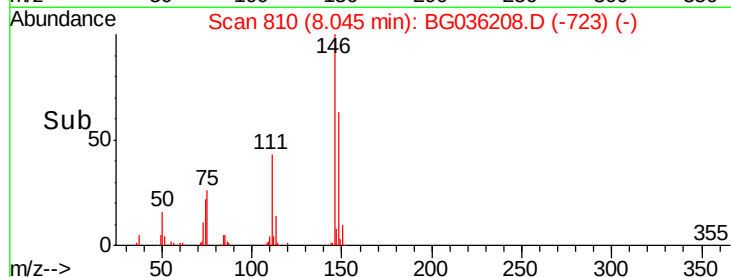
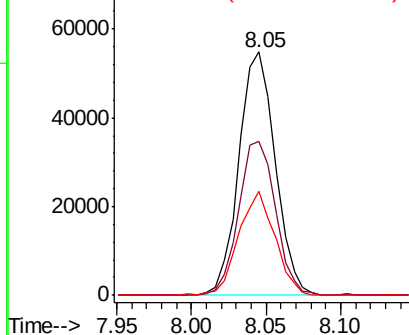
#13
 1,4-Dichlorobenzene
 Concen: 42.403 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tgt Ion:146 Resp: 92784
 Ion Ratio Lower Upper
 146 100
 148 63.0 53.7 80.5
 111 43.0 35.2 52.8

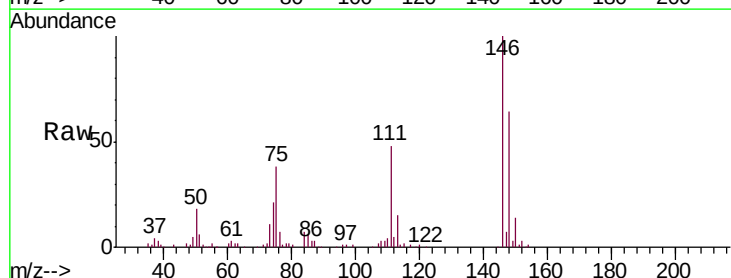


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

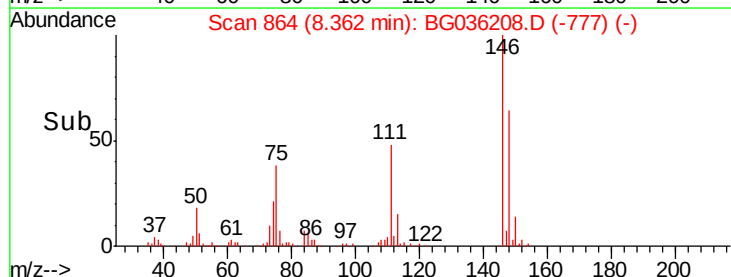
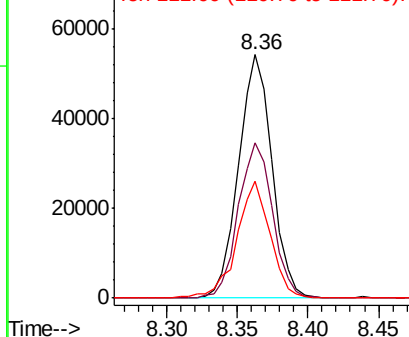


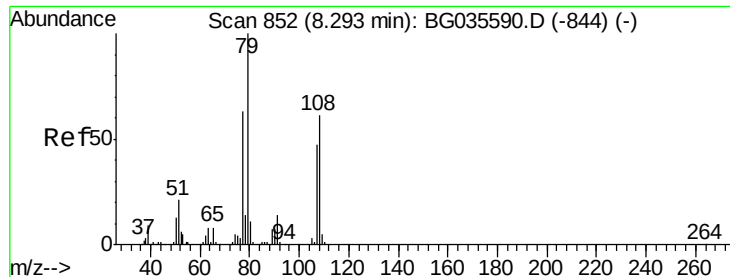
#14
 1,2-Dichlorobenzene
 Concen: 42.636 ng
 RT: 8.36 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion:146 Resp: 89626
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.3 73.9
 111 48.3 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: 33.805 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

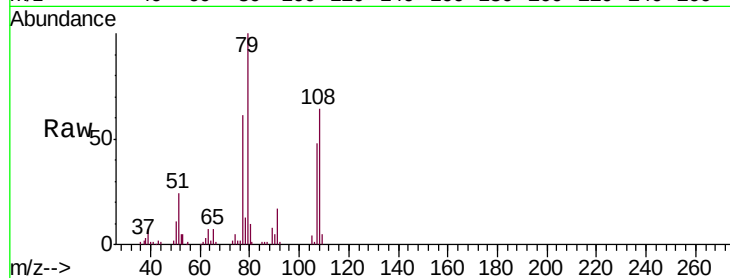
Tgt Ion: 79 Resp: 80312

Ion Ratio Lower Upper

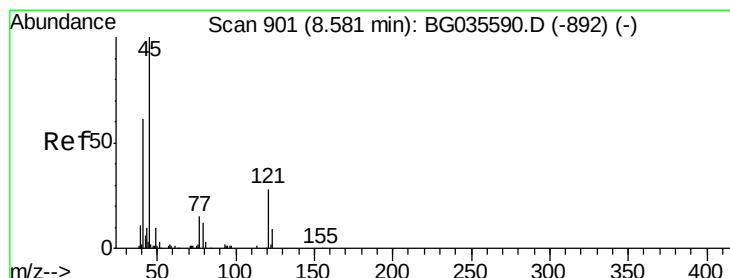
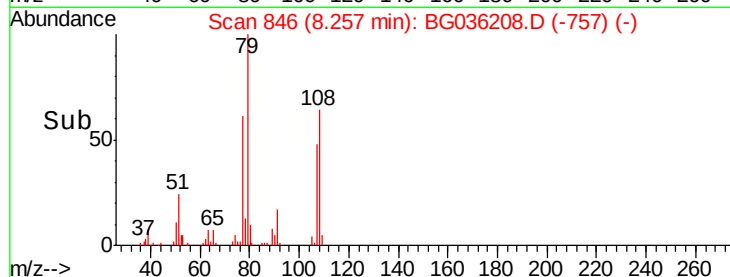
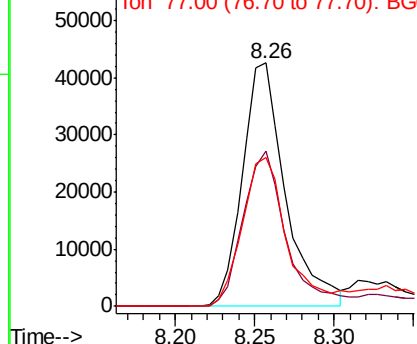
79 100

108 63.7 57.2 85.8

77 61.1 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: 51.087 ng

RT: 8.53 min Scan# 893

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

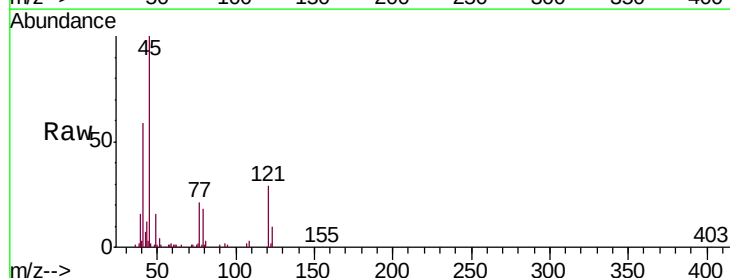
Tgt Ion: 45 Resp: 88656

Ion Ratio Lower Upper

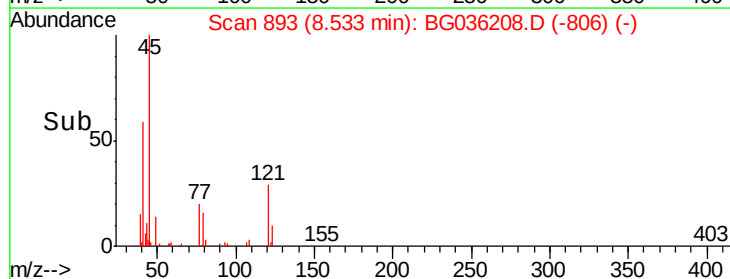
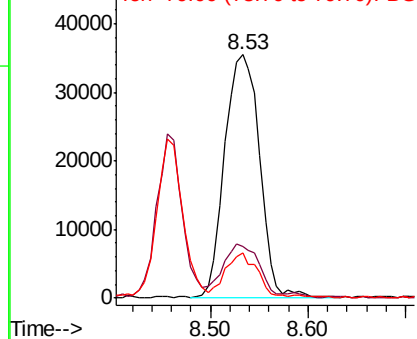
45 100

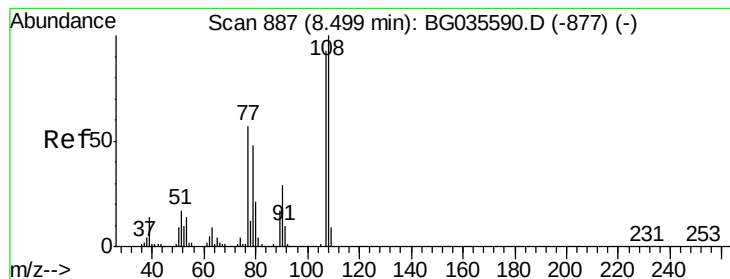
77 21.4 0.0 30.2

79 18.4 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





#17

2-Methylphenol

Concen: 40.223 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

Tgt Ion:107 Resp: 72283

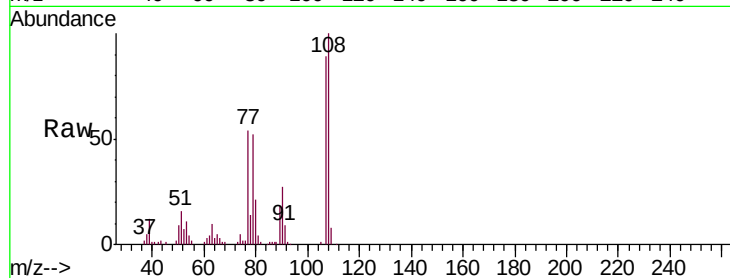
Ion Ratio Lower Upper

107 100

108 112.3 83.9 125.9

77 60.4 37.2 55.8#

79 58.7 36.2 54.2#



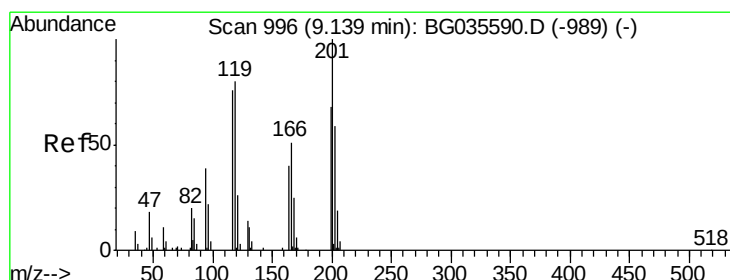
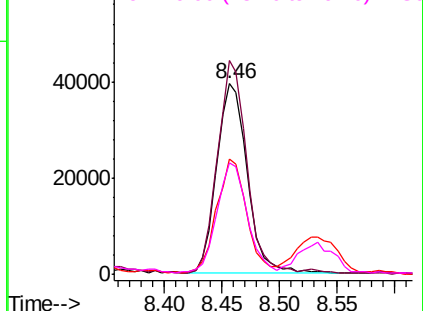
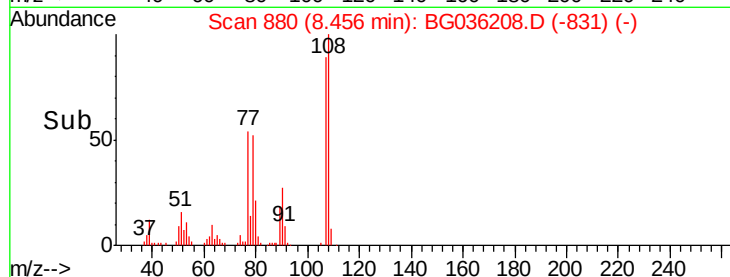
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.368 ng

RT: 9.09 min Scan# 987

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

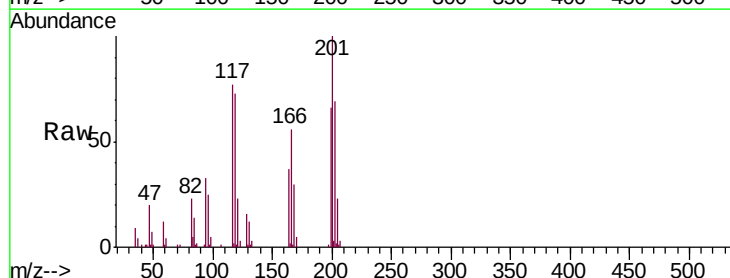
Tgt Ion:117 Resp: 36284

Ion Ratio Lower Upper

117 100

119 95.2 76.7 115.1

201 130.1 95.7 143.5

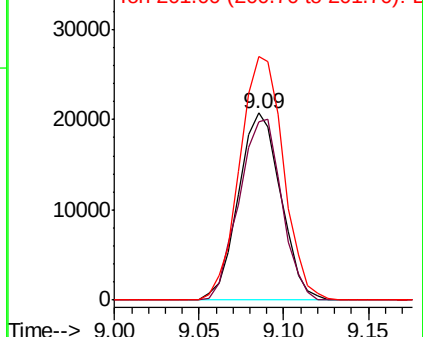
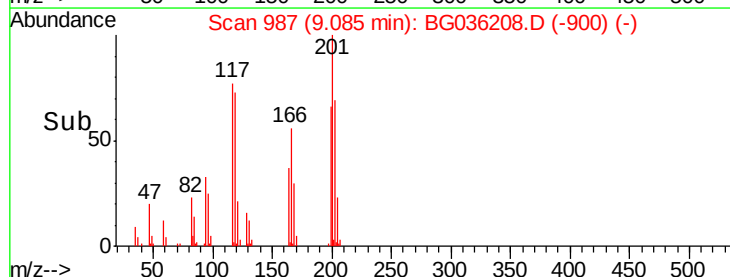


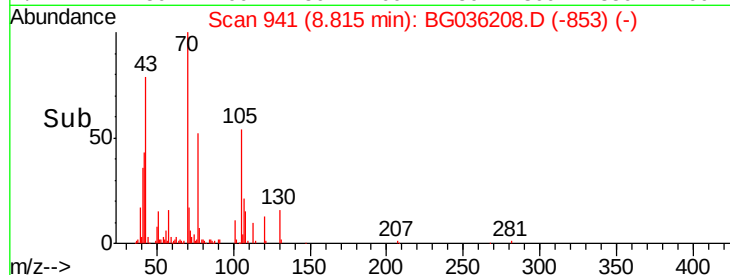
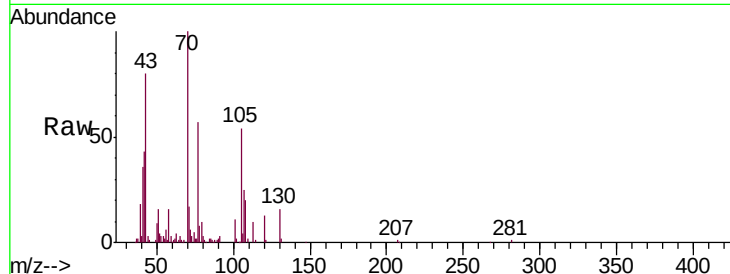
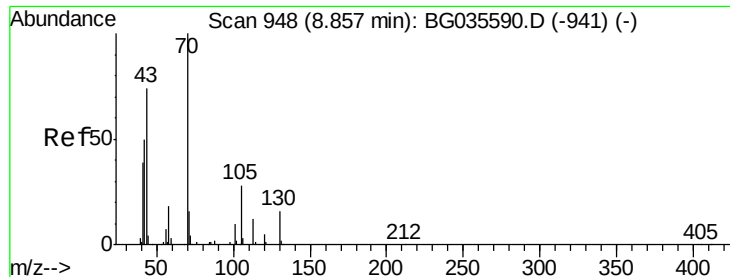
Abundance

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

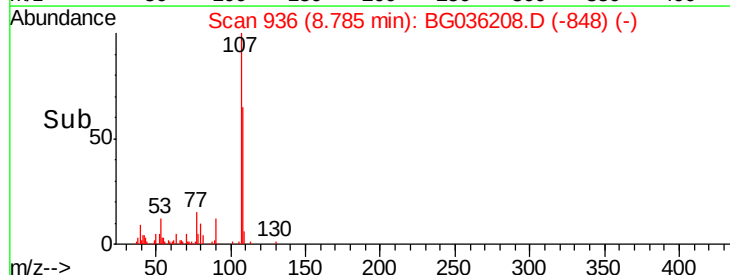
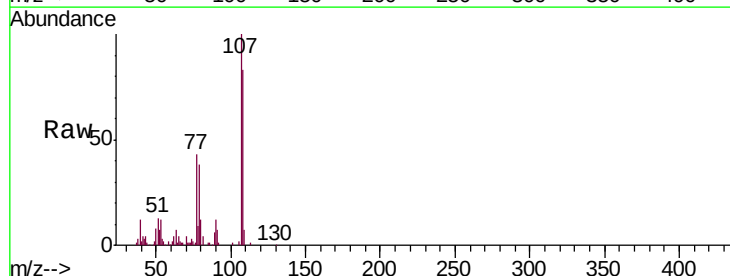
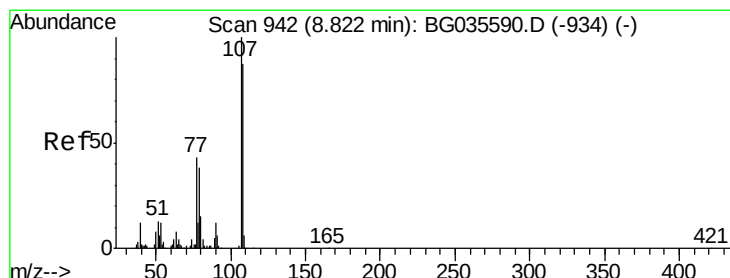
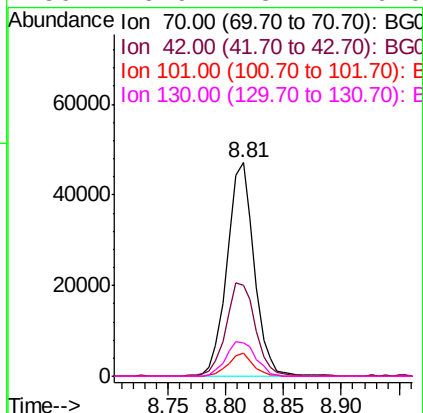




#19
n-Nitroso-di-n-propylamine
Concen: 34.734 ng
RT: 8.81 min Scan# 941
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

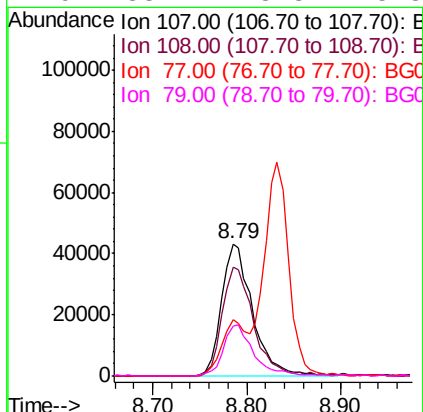
Instrument :
BNA_G
ClientSampleId :
155-SOILMS

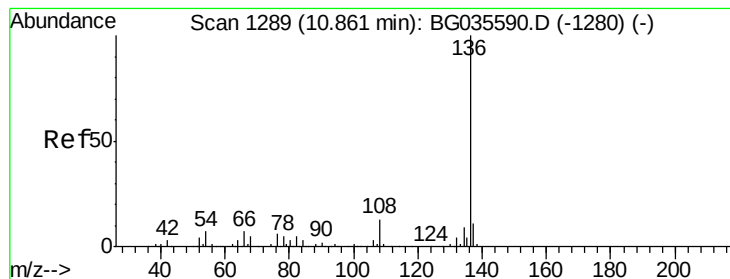
Tgt Ion: 70 Resp: 76520
Ion Ratio Lower Upper
70 100
42 42.7 49.1 73.7#
101 10.6 8.5 12.7
130 15.9 13.4 20.0



#20
3+4-Methylphenols
Concen: 39.842 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion: 107 Resp: 99326
Ion Ratio Lower Upper
107 100
108 82.9 61.6 101.6
77 42.7 13.9 53.9
79 38.1 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

Tgt Ion:136 Resp: 101027

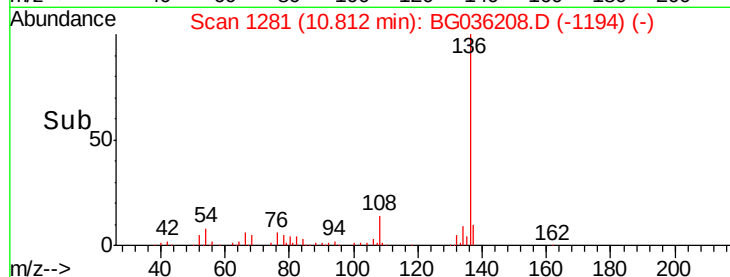
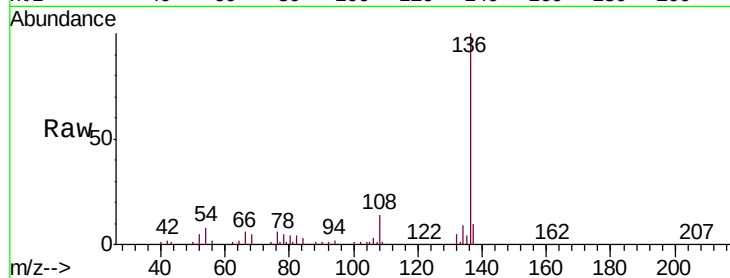
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 7.8 10.3 15.5#

68 5.1 4.5 6.7

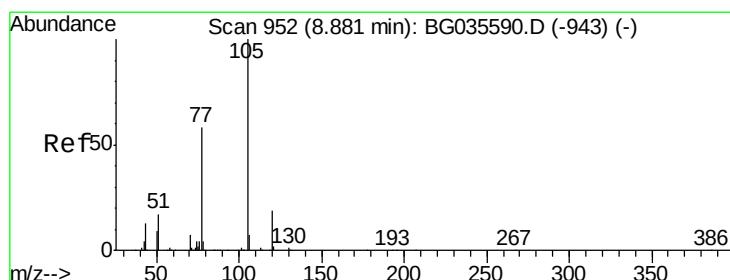
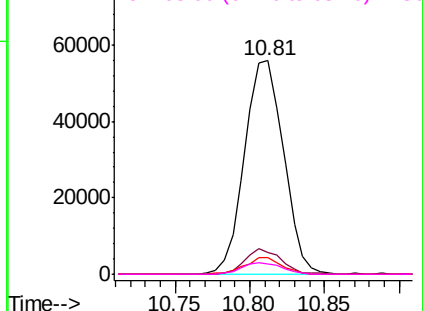


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 45.158 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:105 Resp: 141870

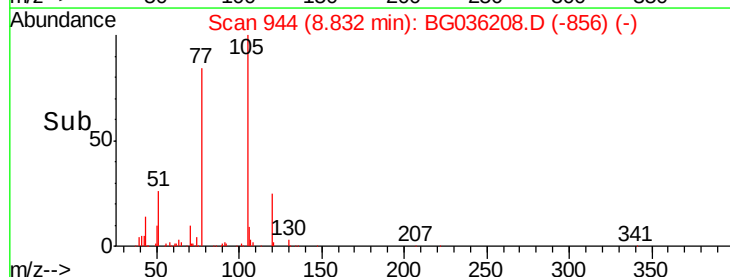
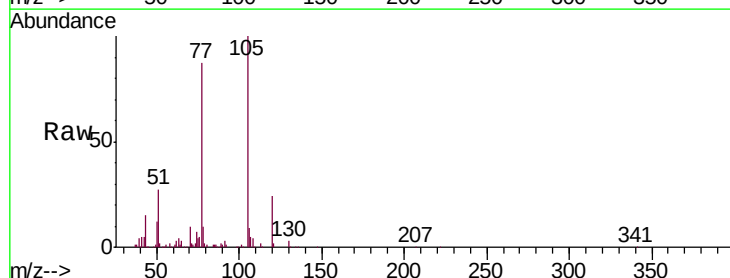
Ion Ratio Lower Upper

105 100

71 1.5 3.0 4.4#

51 27.0 26.1 39.1

120 24.5 17.4 26.2

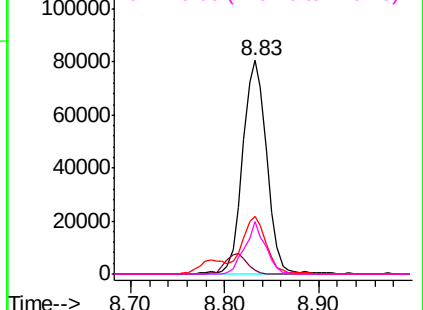


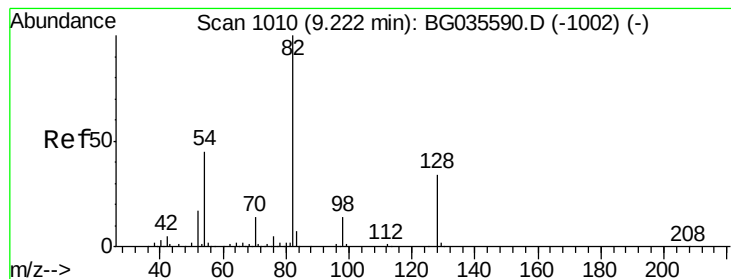
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 94.987 ng

RT: 9.17 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

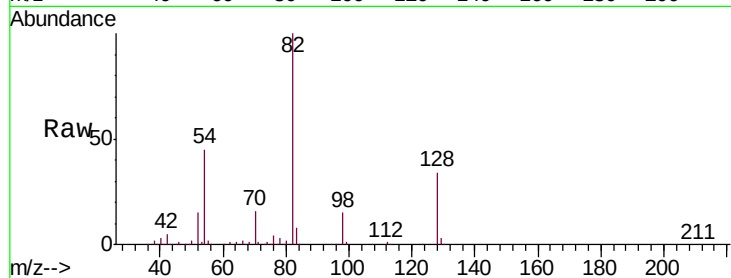
Tgt Ion: 82 Resp: 229715

Ion Ratio Lower Upper

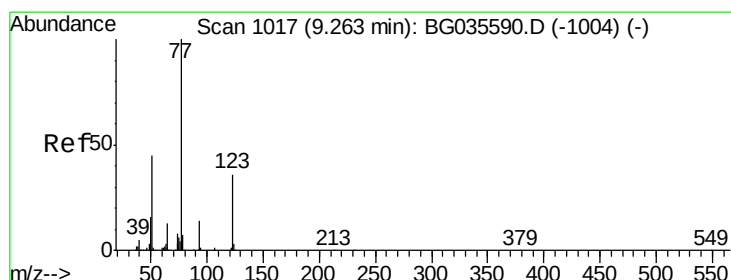
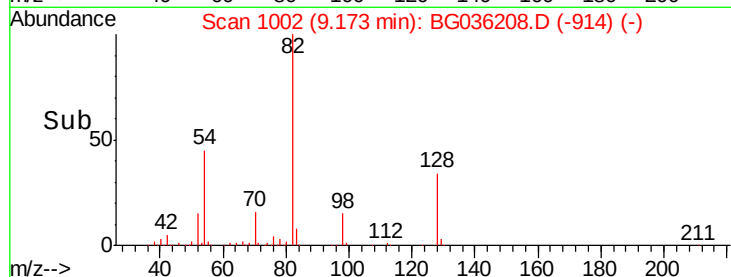
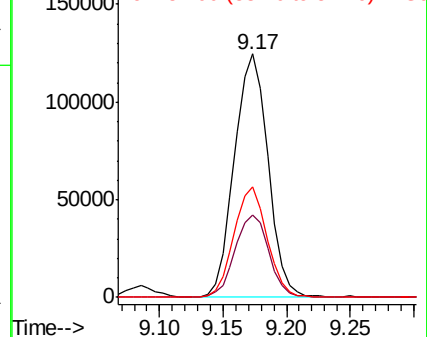
82 100

128 33.9 29.7 44.5

54 45.2 43.1 64.7



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



#24

Nitrobenzene

Concen: 49.969 ng

RT: 9.21 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

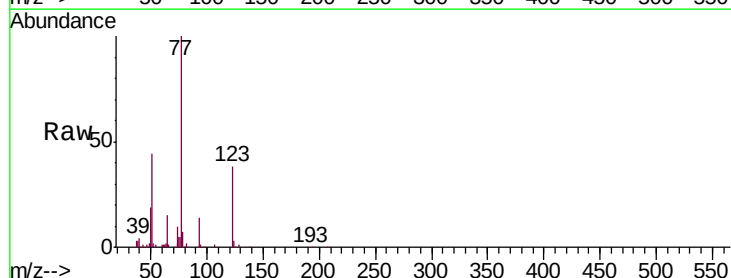
Tgt Ion: 77 Resp: 121532

Ion Ratio Lower Upper

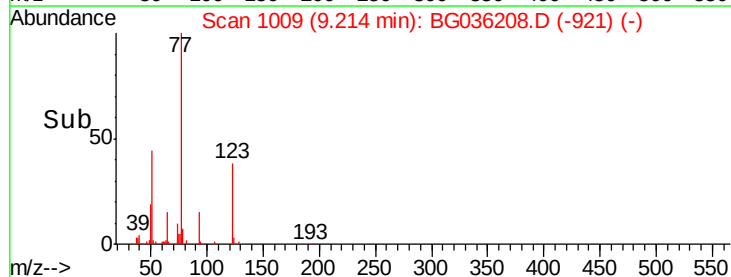
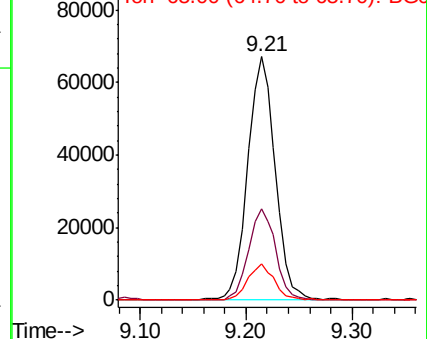
77 100

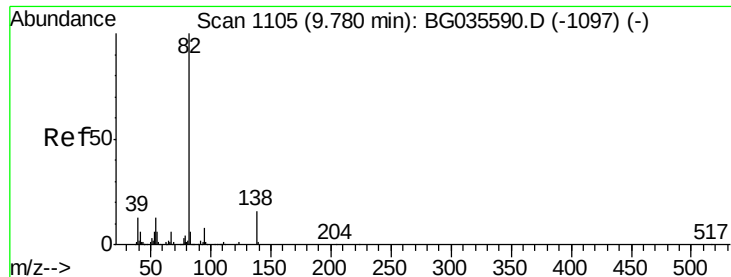
123 37.5 33.0 49.6

65 14.8 13.0 19.6



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





#25

Isophorone

Concen: 47.580 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

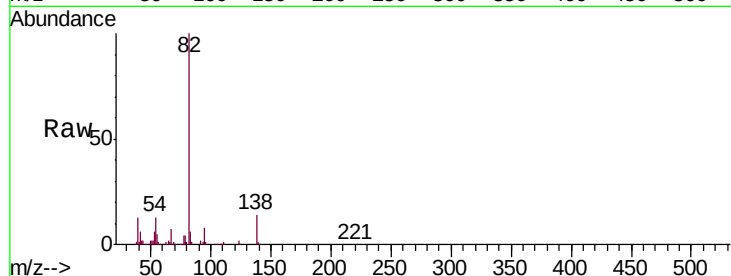
Tgt Ion: 82 Resp: 213603

Ion Ratio Lower Upper

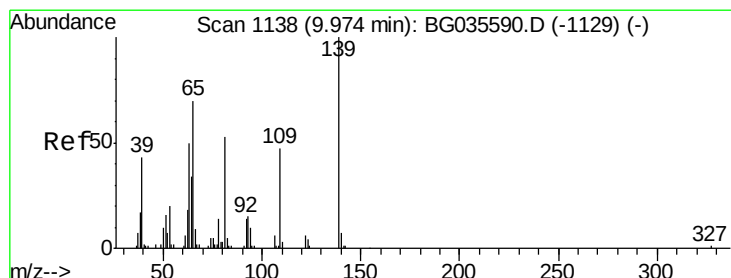
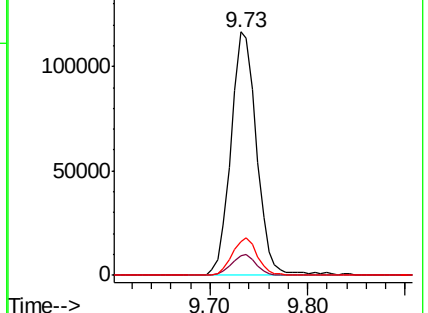
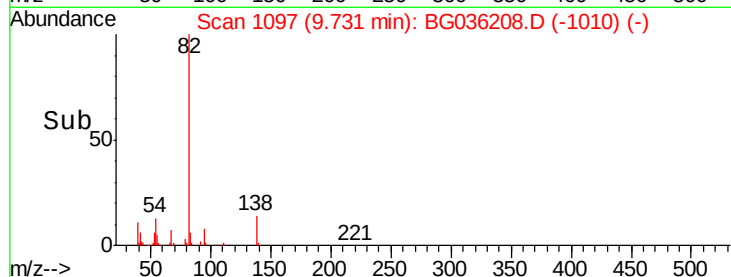
82 100

95 8.0 6.2 9.2

138 13.8 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 54.329 ng

RT: 9.93 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

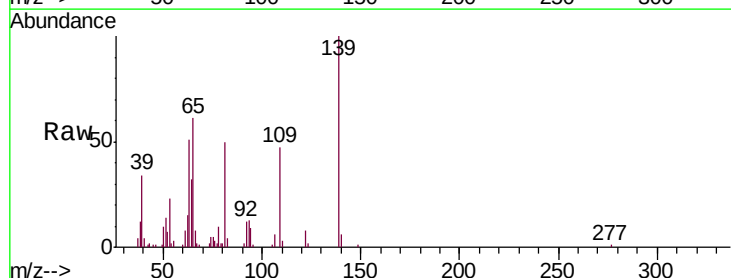
Tgt Ion: 139 Resp: 46928

Ion Ratio Lower Upper

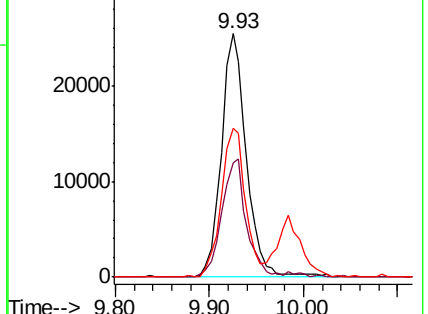
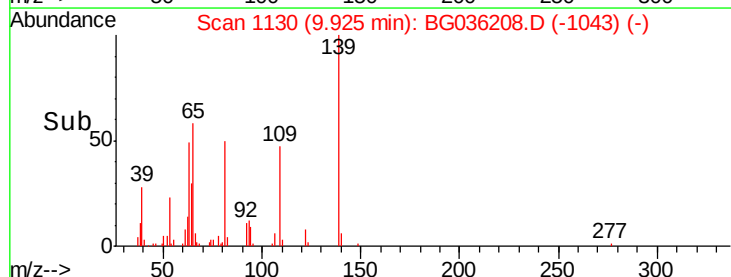
139 100

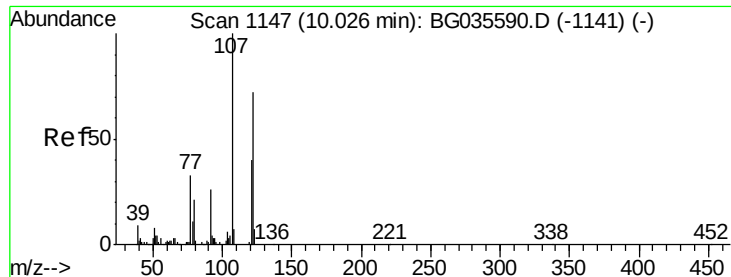
109 46.8 24.2 36.2#

65 61.1 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

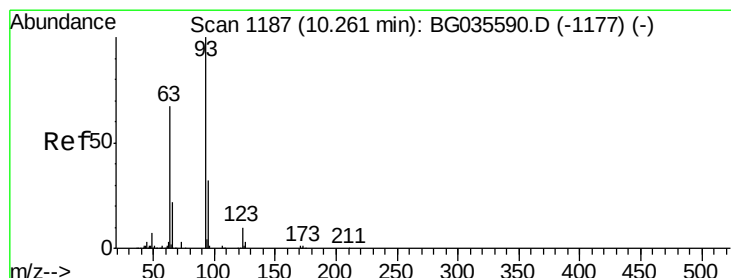
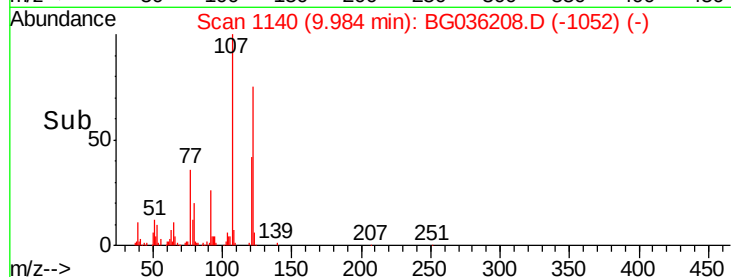
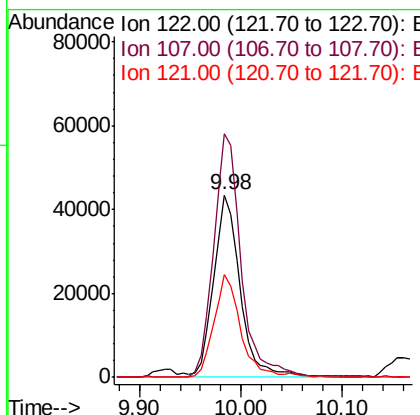
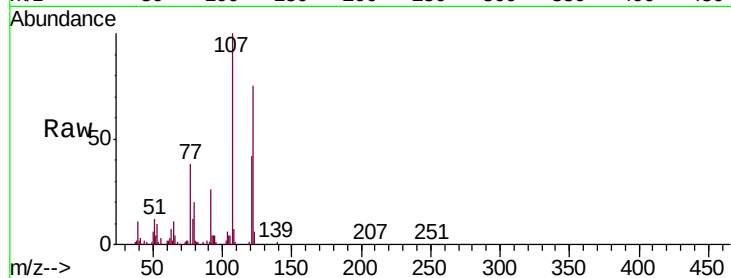




#27
2,4-Dimethylphenol
Concen: 54.435 ng
RT: 9.98 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

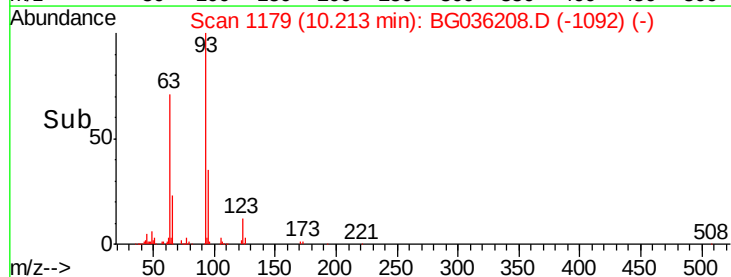
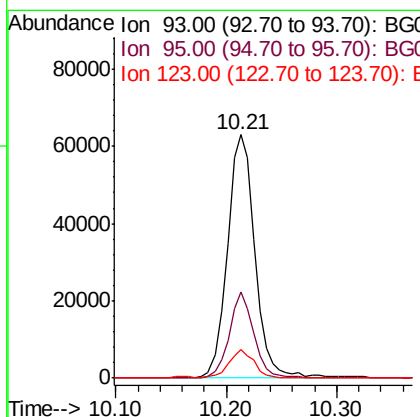
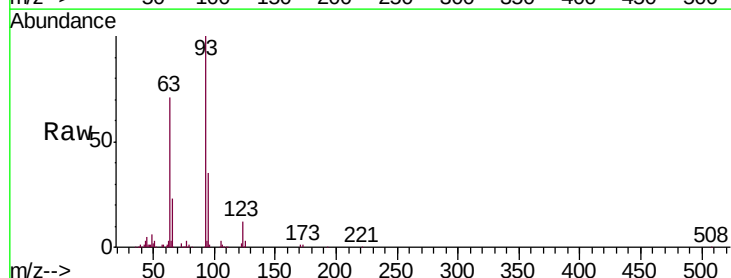
Instrument :
BNA_G
ClientSampleId :
155-SOILMS

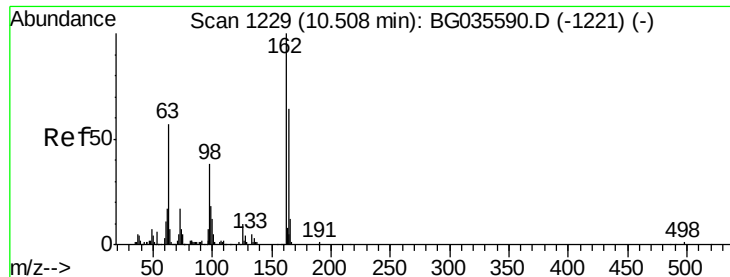
Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.5	100.2	150.2
121	56.2	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.356 ng
RT: 10.21 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.5	24.3	36.5
123	12.0	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 53.825 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

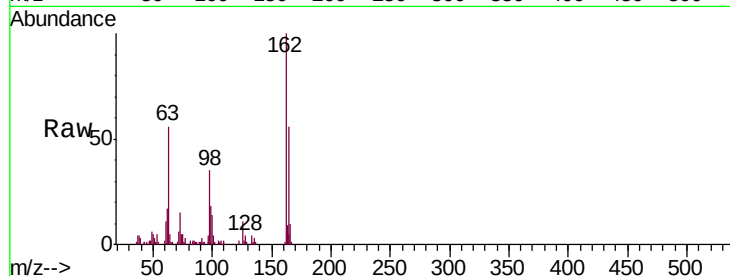
Tgt Ion:162 Resp: 89836

Ion Ratio Lower Upper

162 100

164 55.6 48.0 88.0

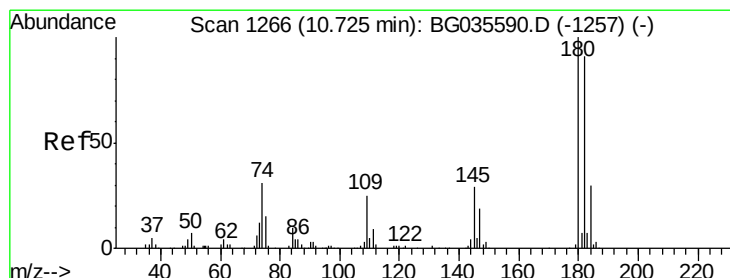
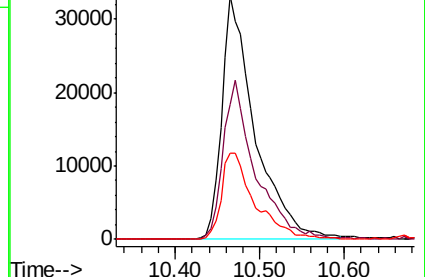
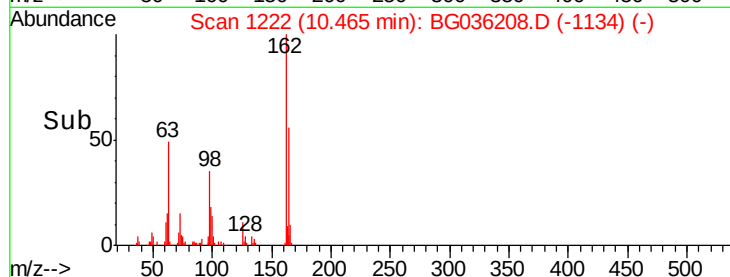
98 35.4 21.1 61.1



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: 50.801 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

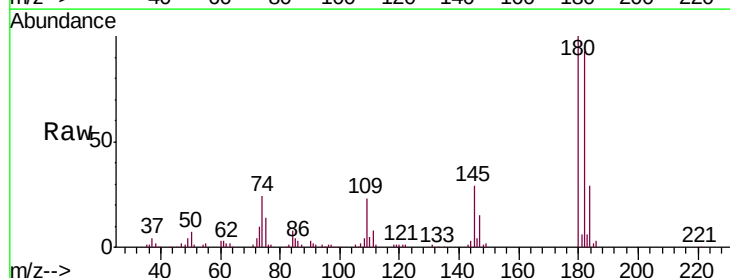
Tgt Ion:180 Resp: 103970

Ion Ratio Lower Upper

180 100

182 92.8 77.5 116.3

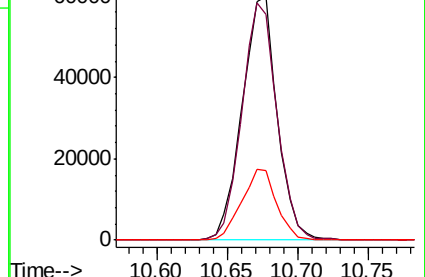
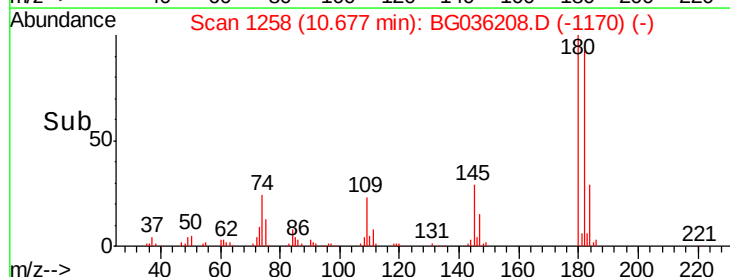
145 28.8 23.4 35.2

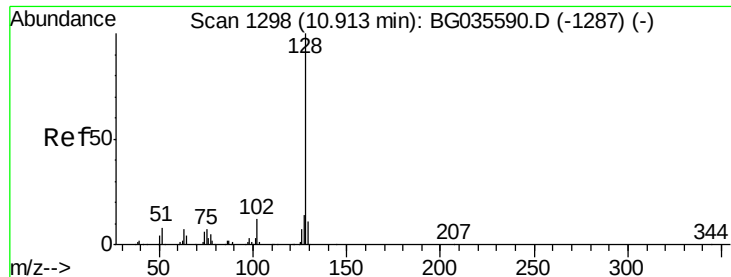


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.602 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

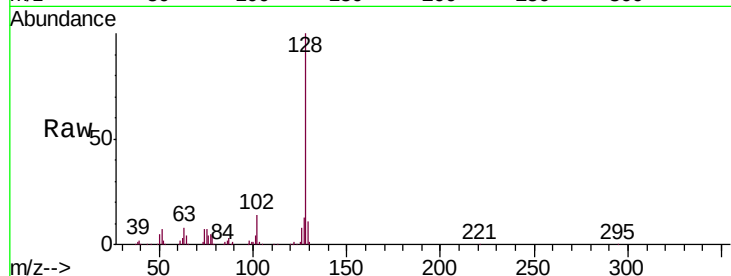
Tgt Ion:128 Resp: 250508

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

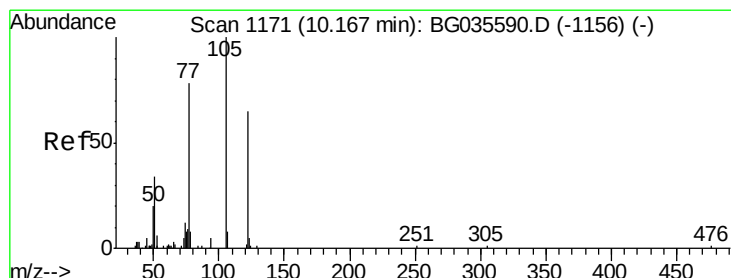
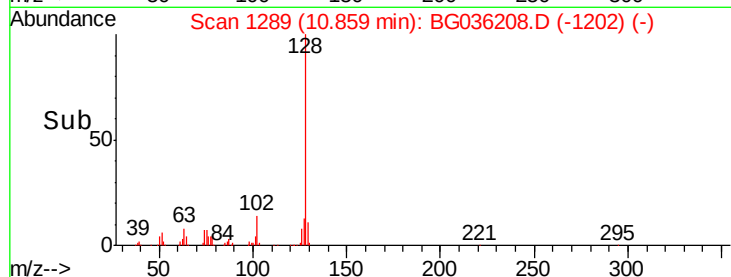
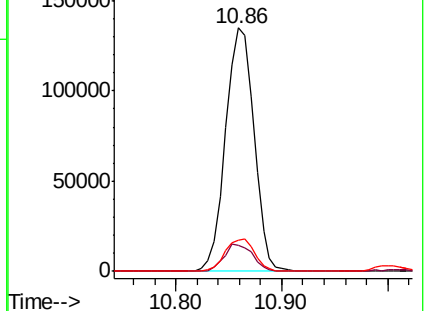
127 13.1 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.435 ng

RT: 10.16 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

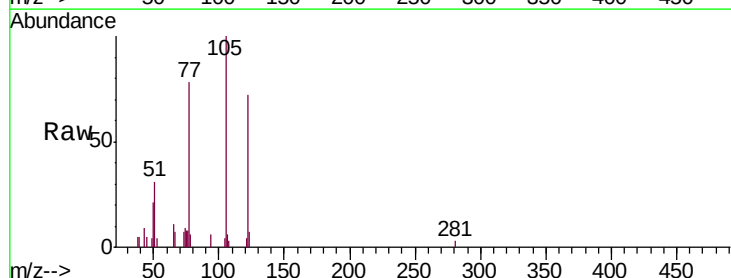
Tgt Ion:122 Resp: 16177

Ion Ratio Lower Upper

122 100

105 139.1 123.5 163.5

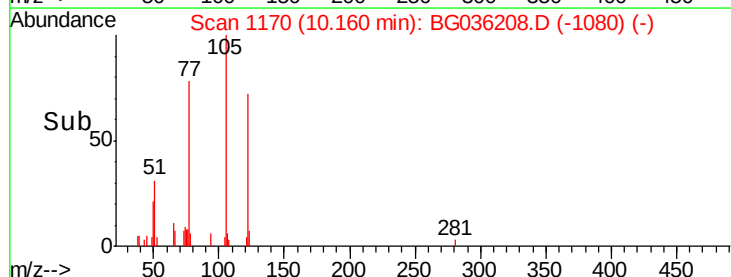
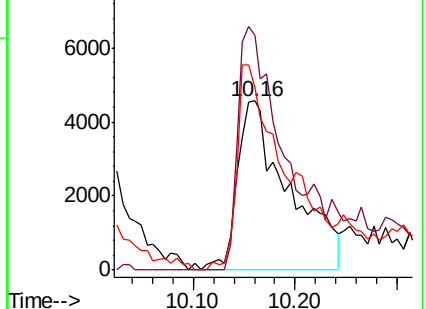
77 108.1 85.7 125.7

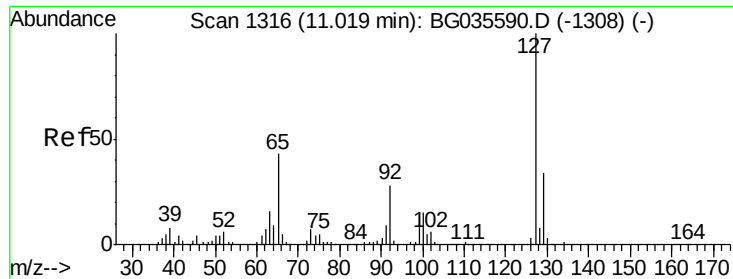


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

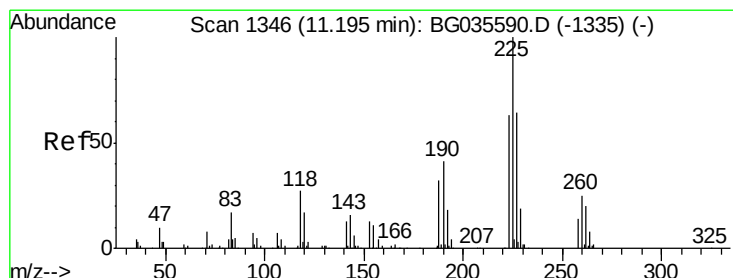
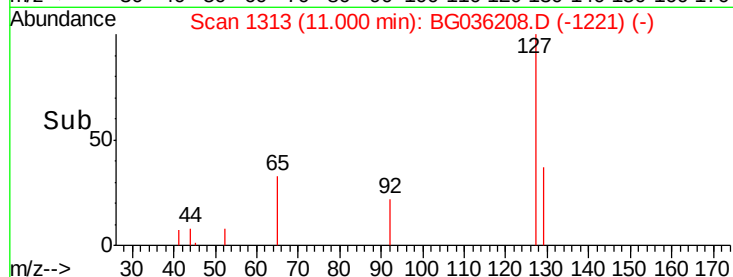
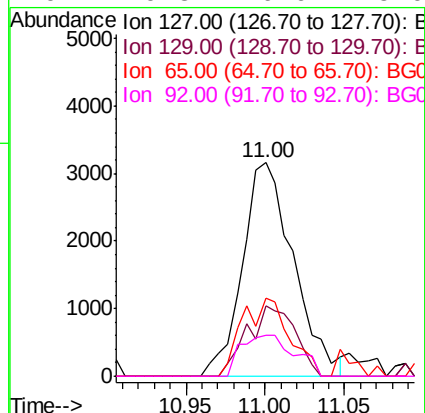
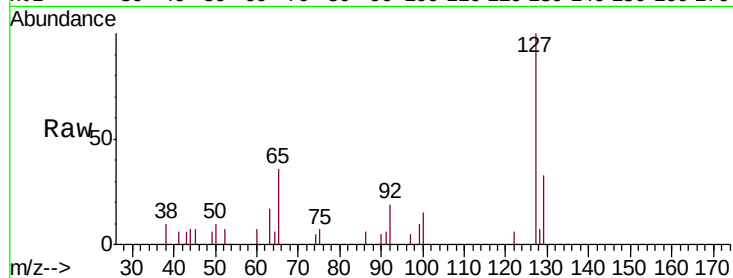




#33
4-Chloroaniline
Concen: 3.084 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

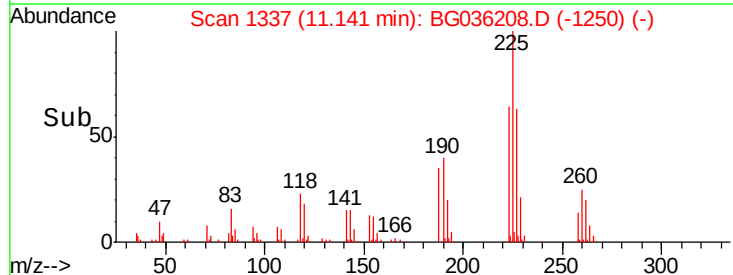
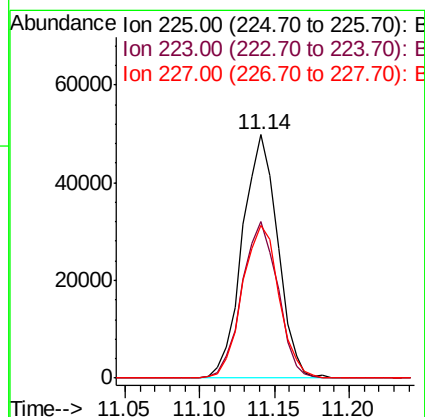
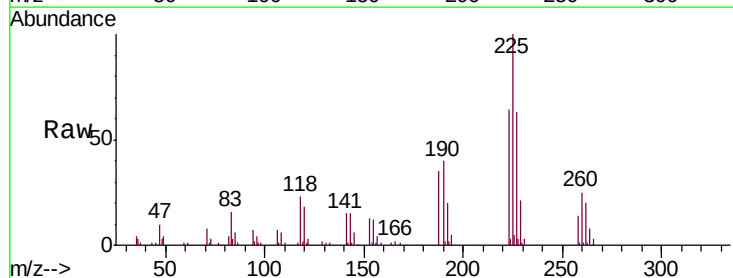
Instrument :
BNA_G
ClientSampleId :
155-SOILMS

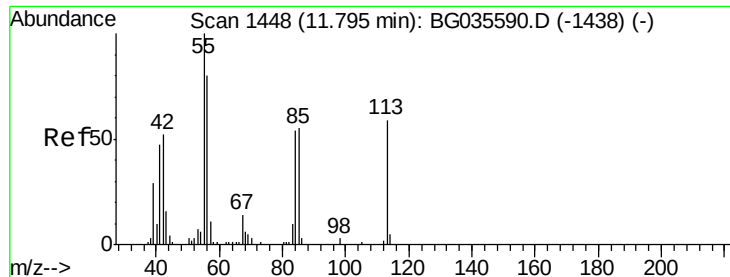
Tgt Ion:	127	Resp:	7073
Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.0	36.0
65	36.4	27.0	40.4
92	19.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 51.190 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion:	225	Resp:	81696
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.7	74.5
227	62.6	48.1	72.1





#35

Caprolactam

Concen: 21.966 ng

RT: 11.76 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

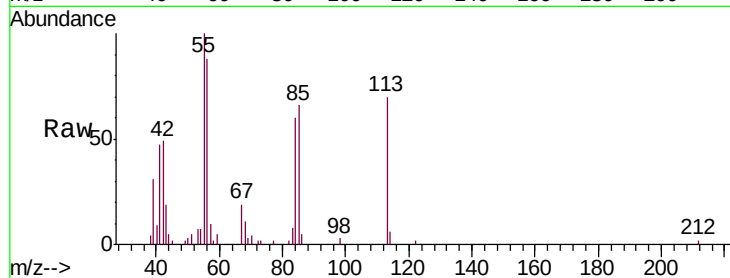
Tgt Ion:113 Resp: 15733

Ion Ratio Lower Upper

113 100

55 142.3 186.9 226.9#

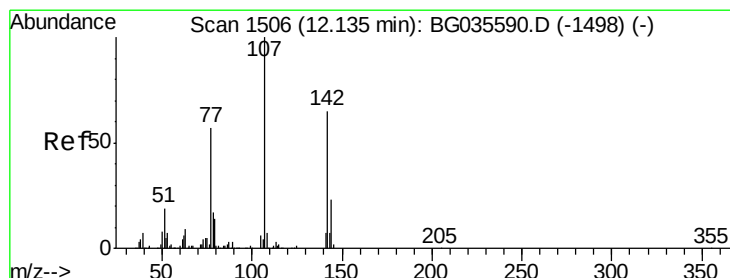
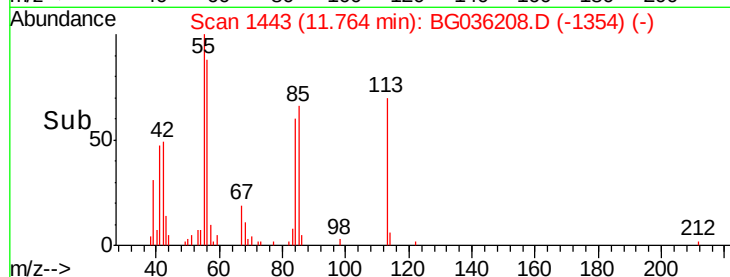
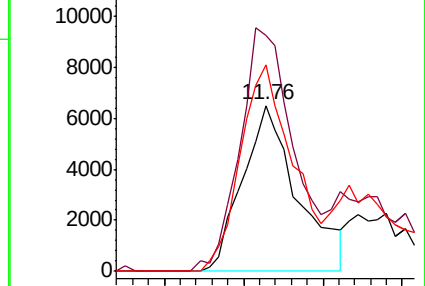
56 124.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.036 ng

RT: 12.10 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

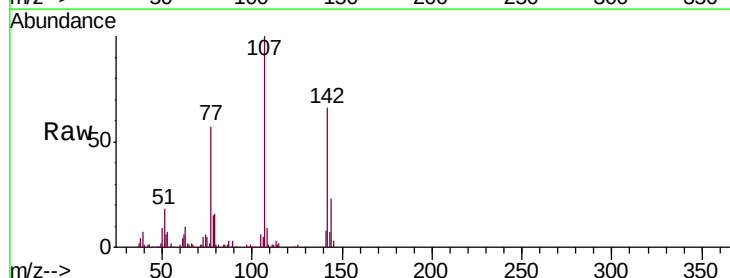
Tgt Ion:107 Resp: 114179

Ion Ratio Lower Upper

107 100

144 22.8 18.2 27.4

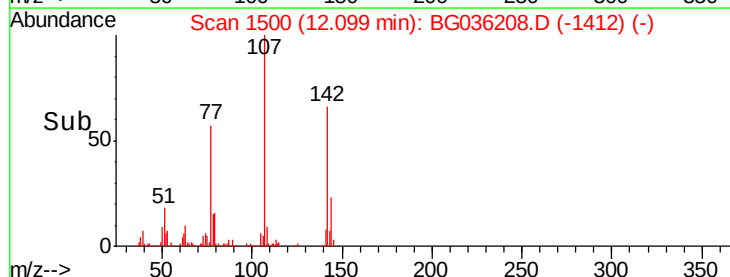
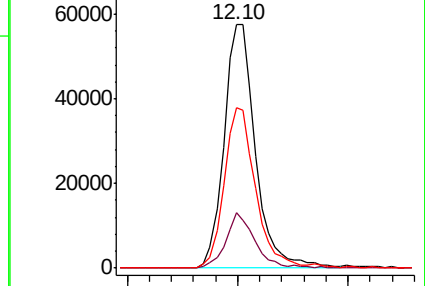
142 65.6 59.0 88.4

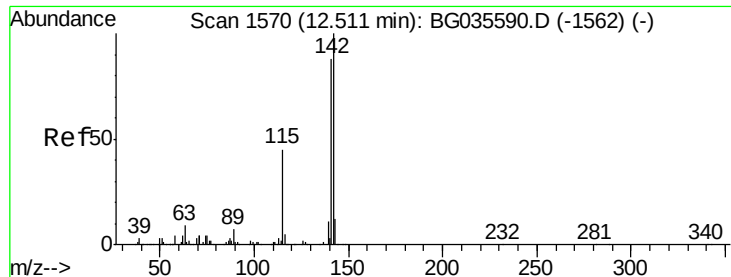


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

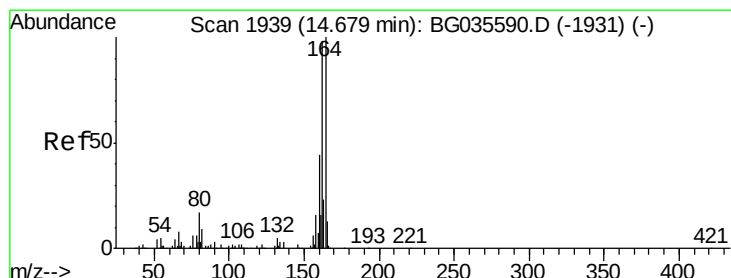
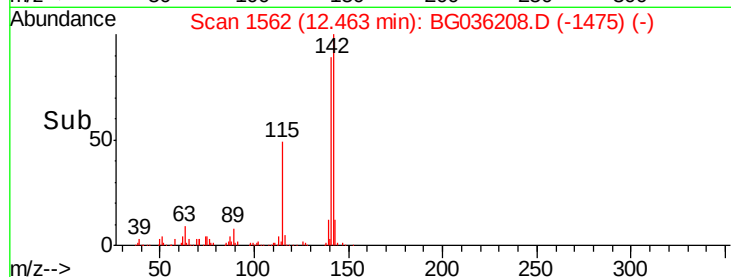
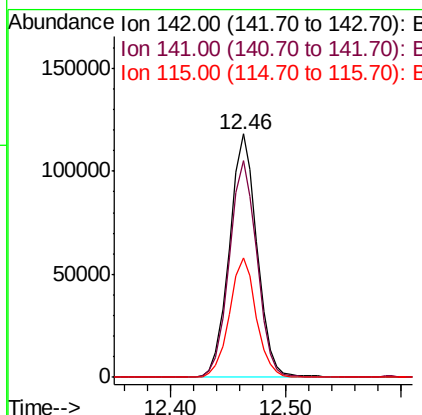
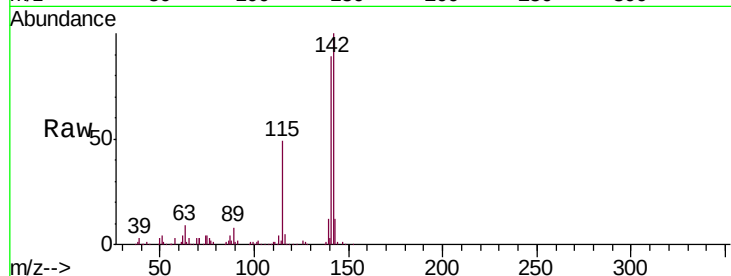




#37
 2-Methylnaphthalene
 Concen: 49.645 ng
 RT: 12.46 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

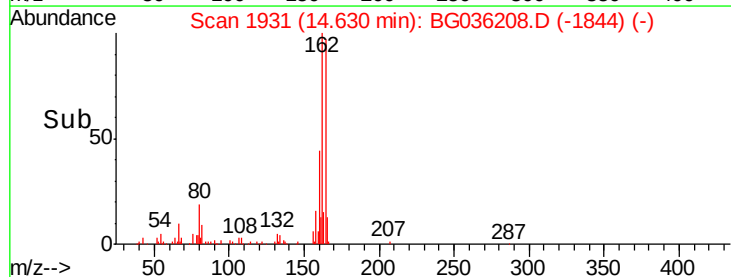
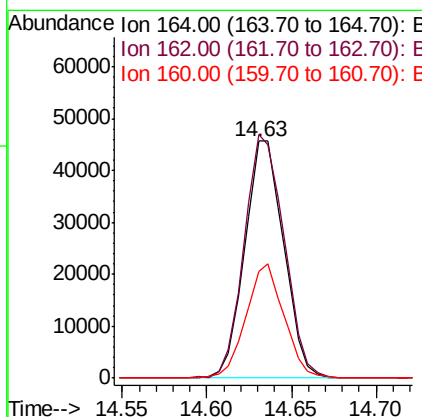
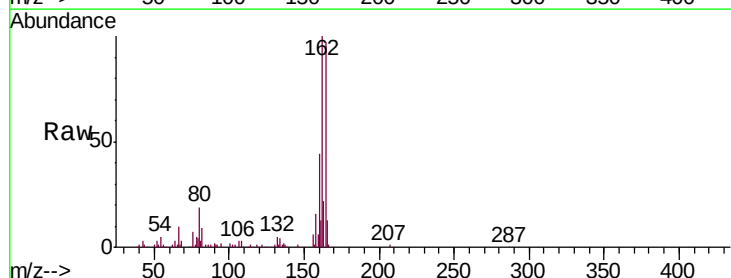
Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

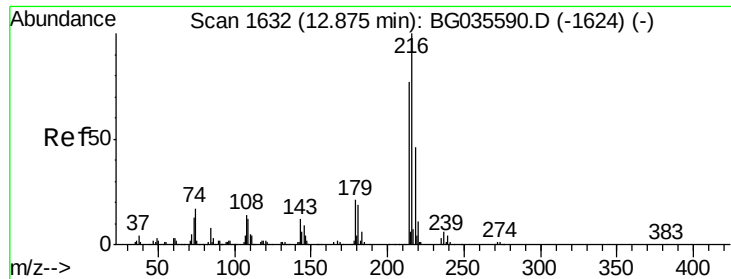
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	67.1	100.7
115	49.1	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	44.8	35.4	53.0

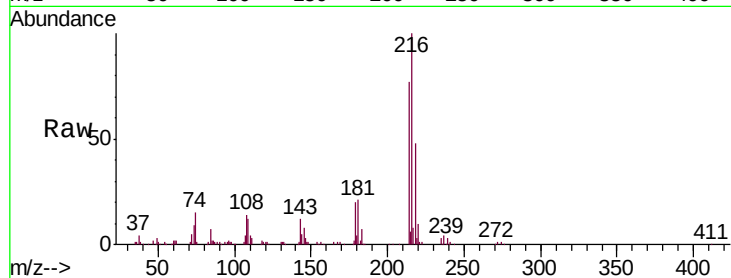




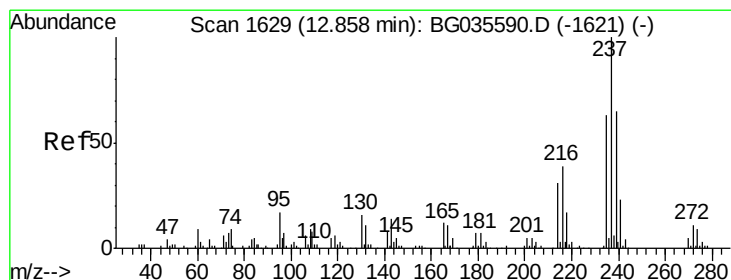
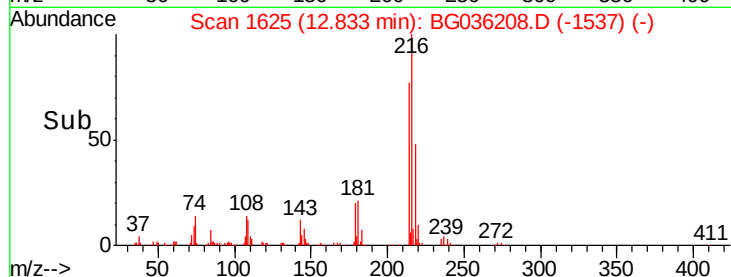
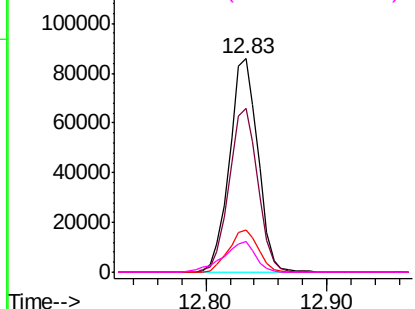
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.624 ng
 RT: 12.83 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tgt Ion:	216	Resp:	140418
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.0	94.4
179	20.5	17.0	25.6
108	16.2	12.8	19.2

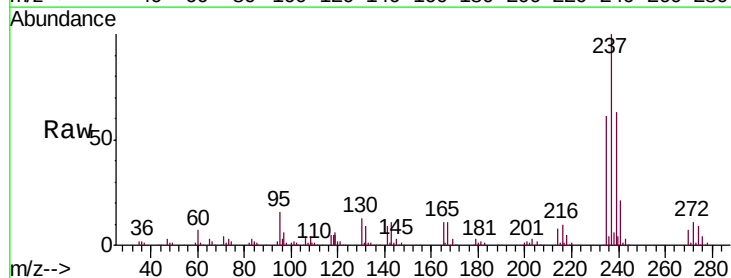


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

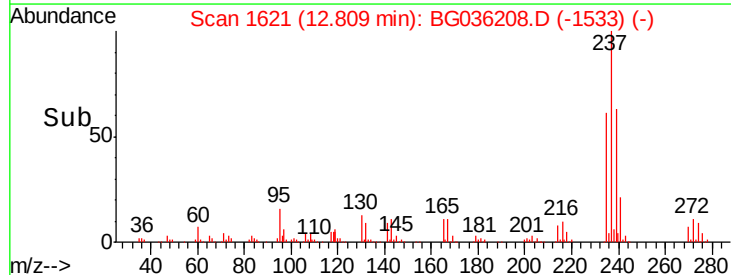
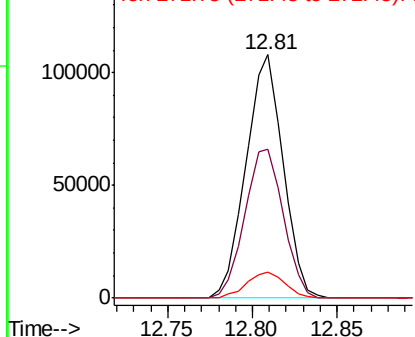


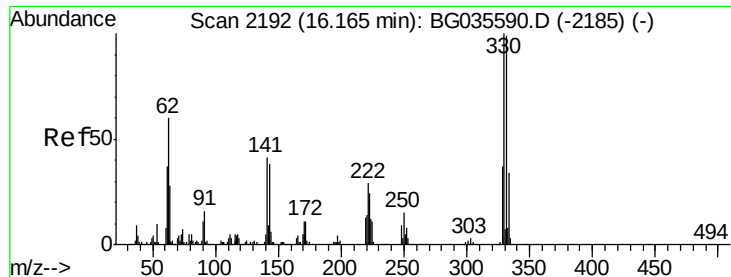
#40
 Hexachlorocyclopentadiene
 Concen: 113.695 ng
 RT: 12.81 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion:	237	Resp:	165390
Ion	Ratio	Lower	Upper
237	100		
235	61.0	50.4	90.4
272	10.9	0.0	31.8



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

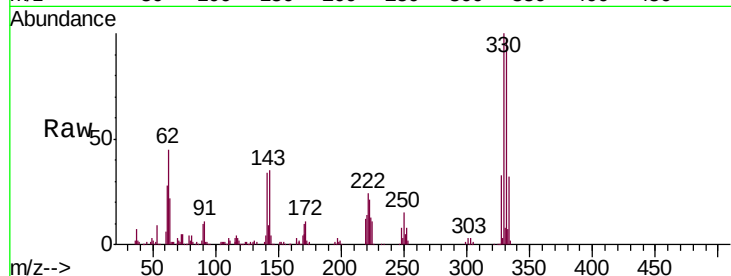




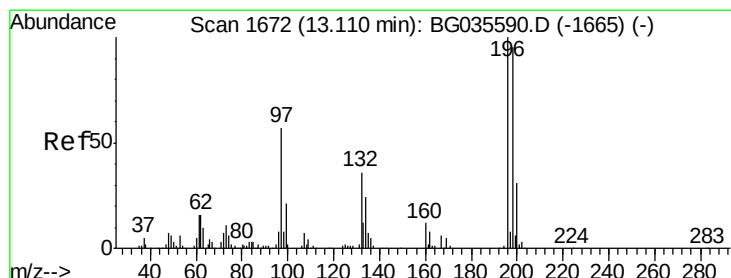
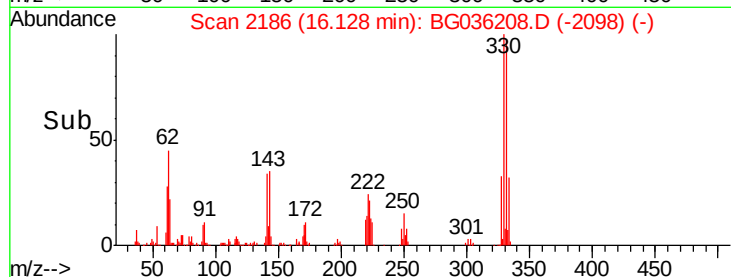
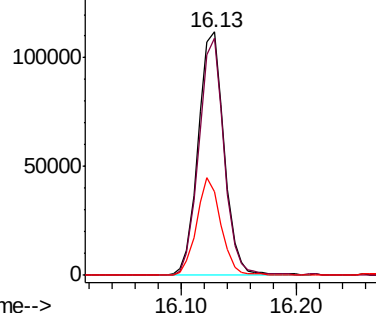
#41
 2,4,6-Tribromophenol
 Concen: 180.345 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampled :
 155-SOILMS

Tgt Ion:330 Resp: 174690
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 37.6 25.2 37.8

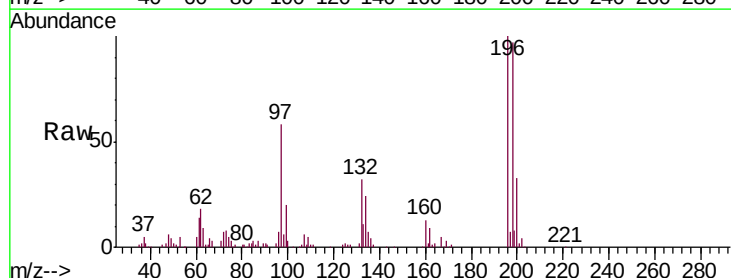


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

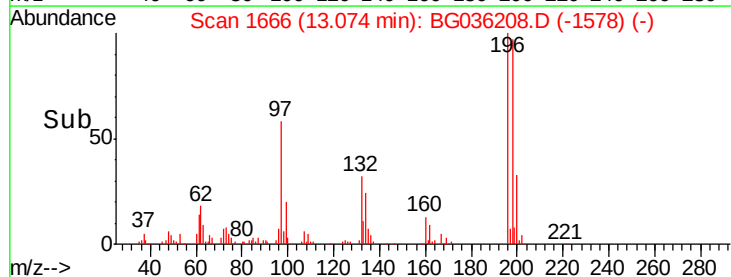
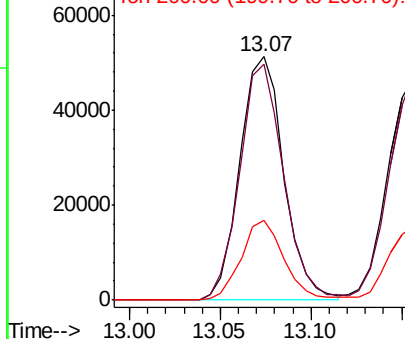


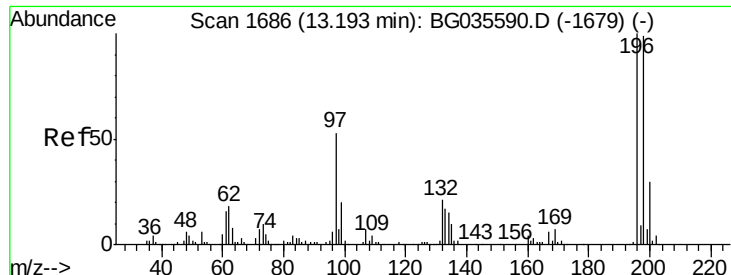
#42
 2,4,6-Trichlorophenol
 Concen: 53.487 ng
 RT: 13.07 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion:196 Resp: 86761
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.2 117.2
 200 32.9 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

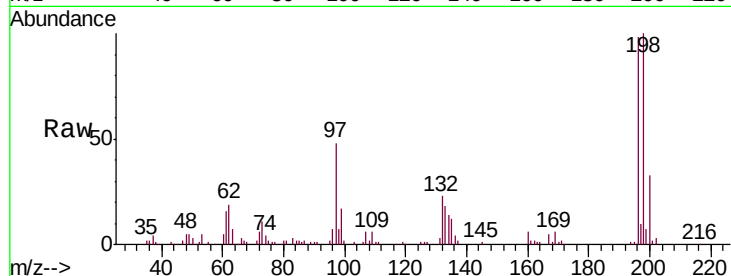




#43
2,4,5-Trichlorophenol
Concen: 53.160 ng
RT: 13.16 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampled :
155-SOILMS

Tgt Ion	Resp	Lower	Upper
196	100		
198	101.6	76.2	114.4
97	48.9	38.7	58.1
132	23.7	20.2	30.2



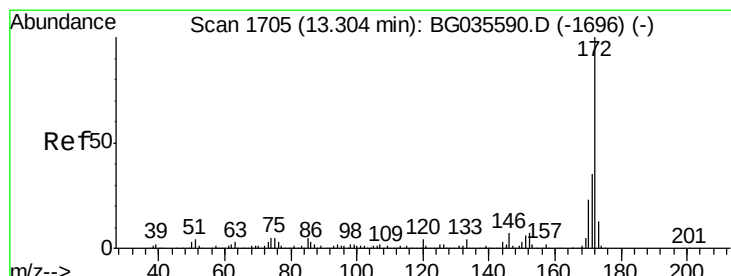
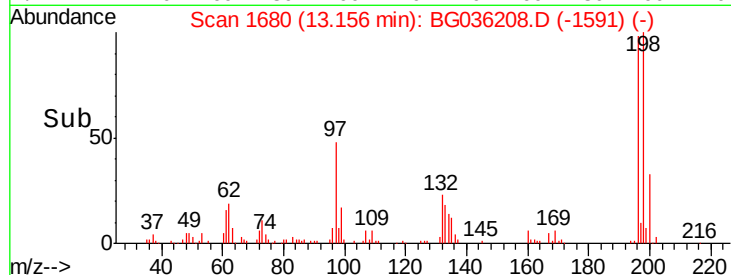
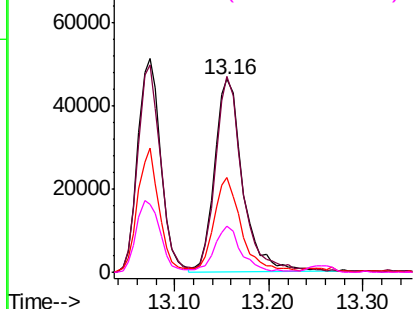
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

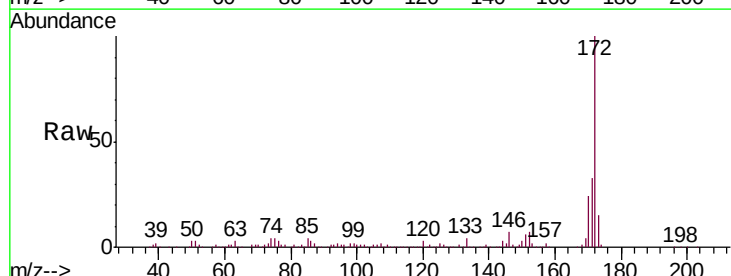
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 94.169 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Resp	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	23.9	19.5	29.3

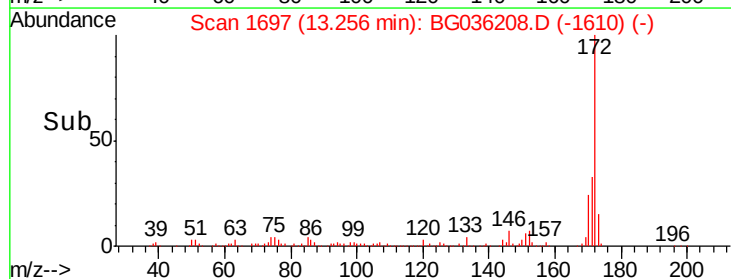
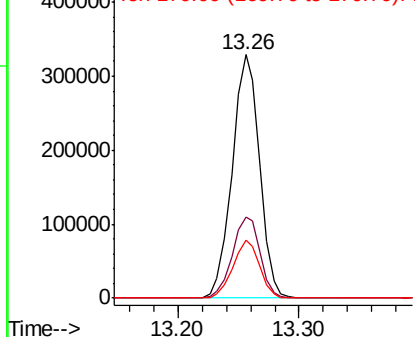


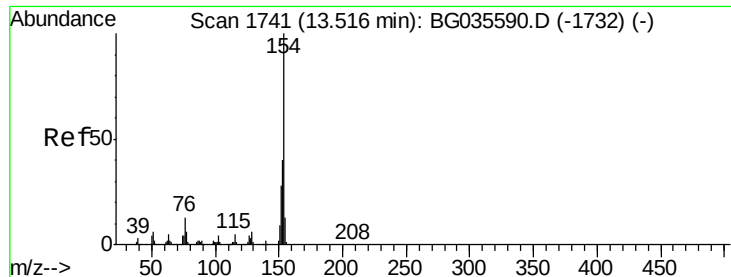
Abundance

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

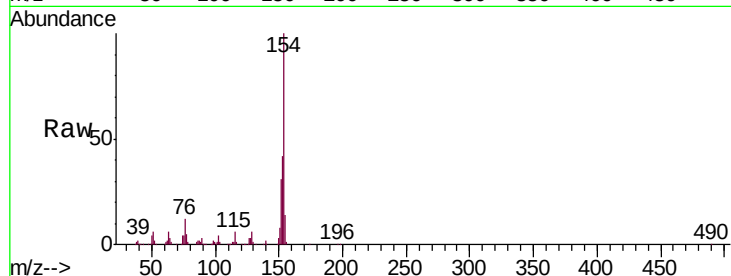




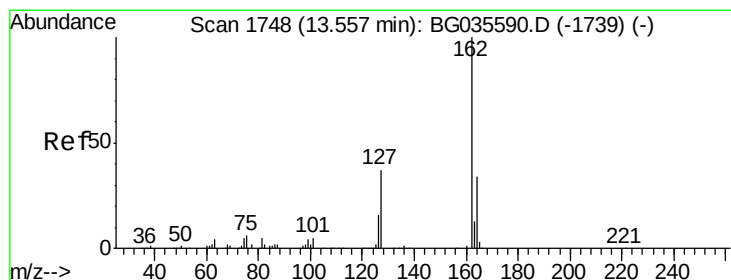
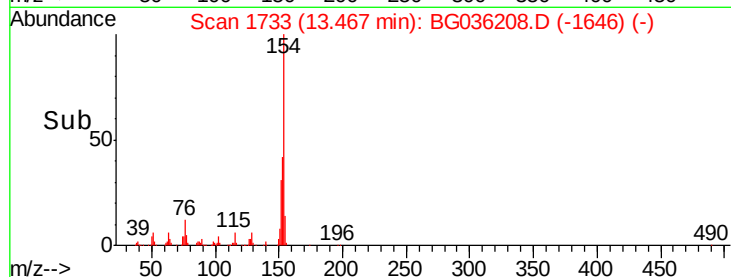
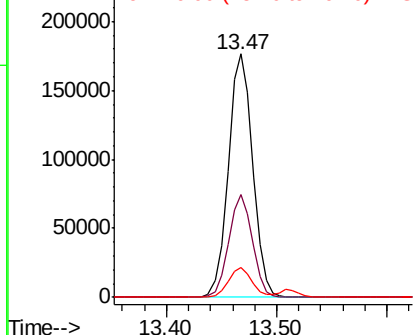
#45
 1,1'-Biphenyl
 Concen: 47.677 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	12.4	0.0	31.9

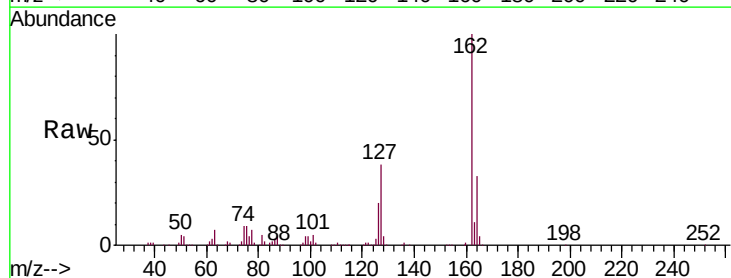


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

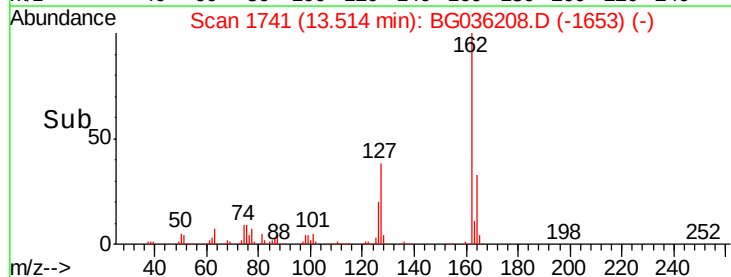
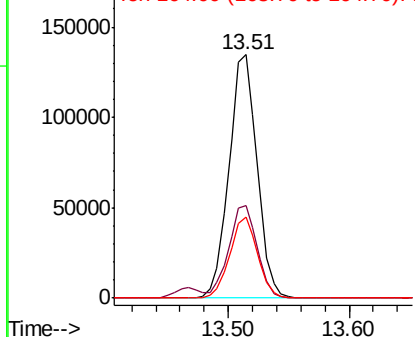


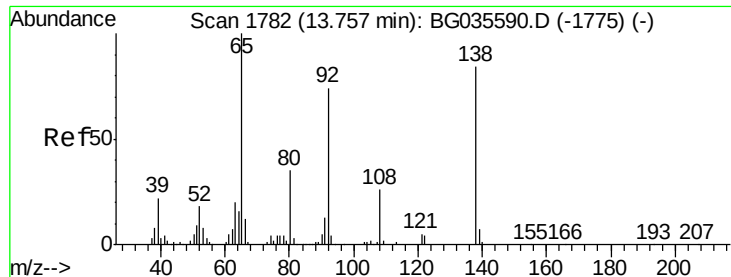
#46
 2-Chloronaphthalene
 Concen: 49.099 ng
 RT: 13.51 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.7	46.1
164	33.3	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.359 ng

RT: 13.72 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

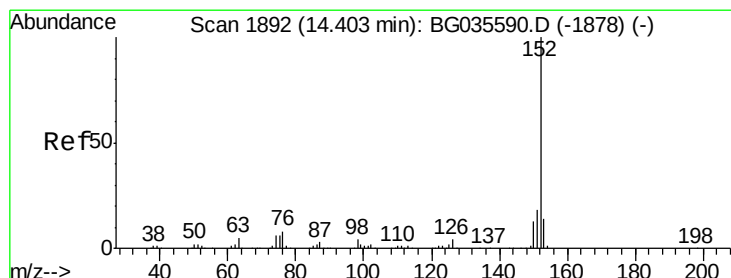
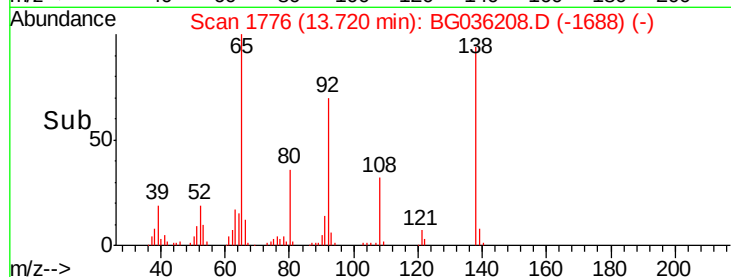
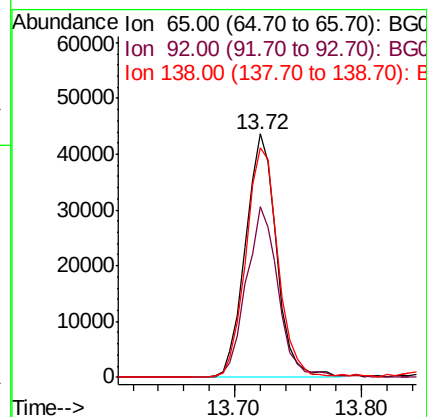
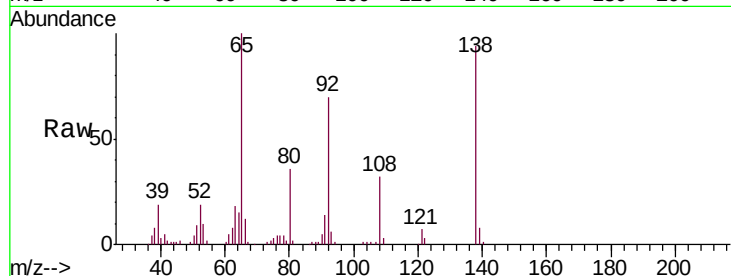
Tgt Ion: 65 Resp: 74203

Ion Ratio Lower Upper

65 100

92 70.1 54.6 82.0

138 94.1 72.9 109.3



#48

Acenaphthylene

Concen: 49.569 ng

RT: 14.36 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

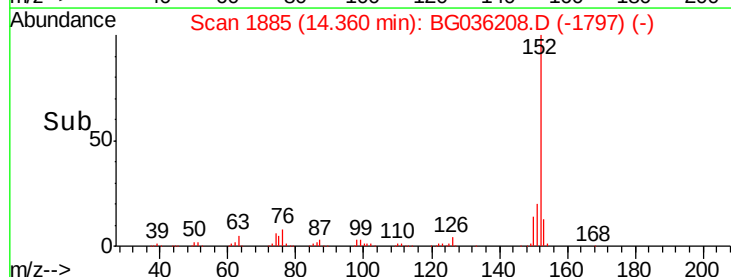
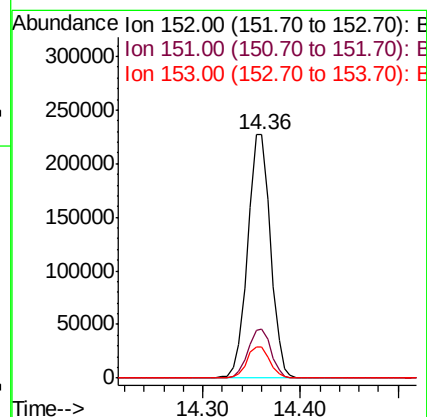
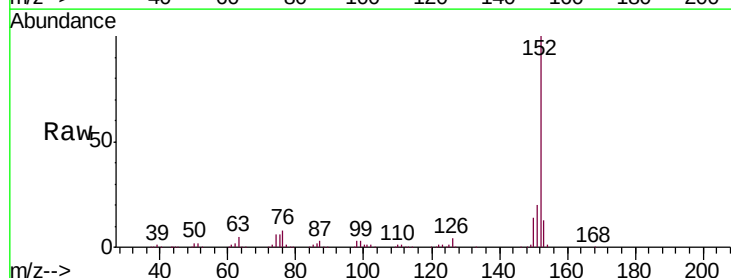
Tgt Ion: 152 Resp: 367996

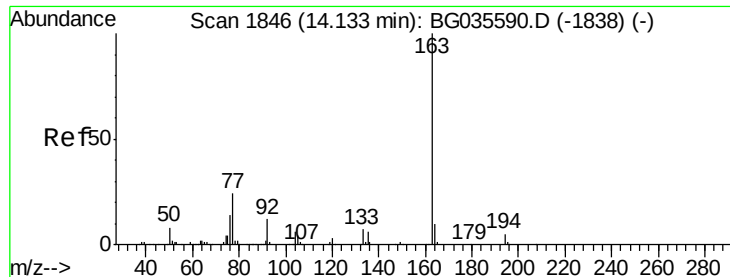
Ion Ratio Lower Upper

152 100

151 19.9 17.2 25.8

153 13.0 10.2 15.4





#49

Dimethylphthalate

Concen: 48.825 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

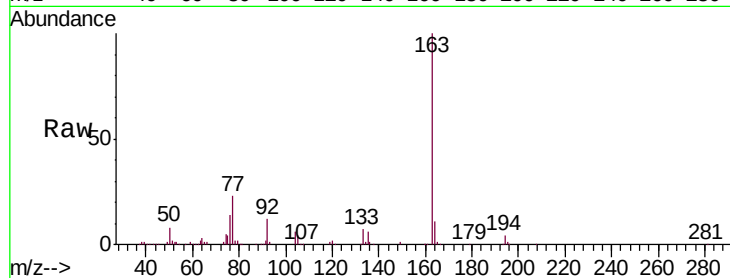
Tgt Ion:163 Resp: 314374

Ion Ratio Lower Upper

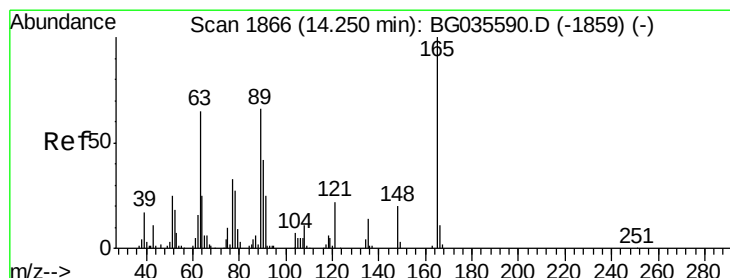
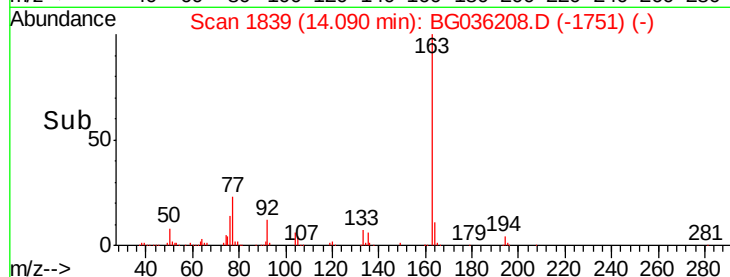
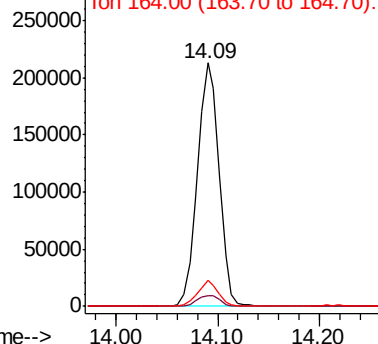
163 100

194 4.5 3.4 5.2

164 10.8 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



#50

2,6-Dinitrotoluene

Concen: 54.399 ng

RT: 14.21 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

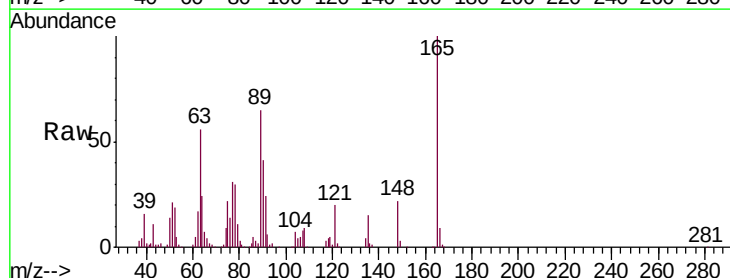
Tgt Ion:165 Resp: 71327

Ion Ratio Lower Upper

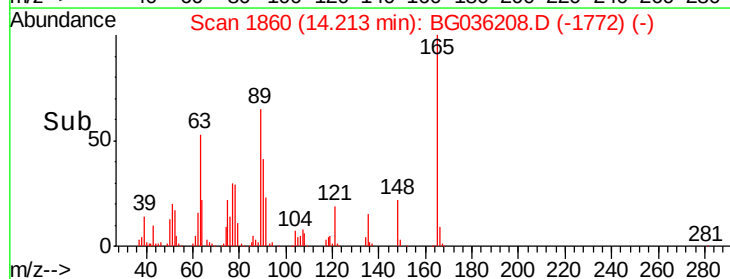
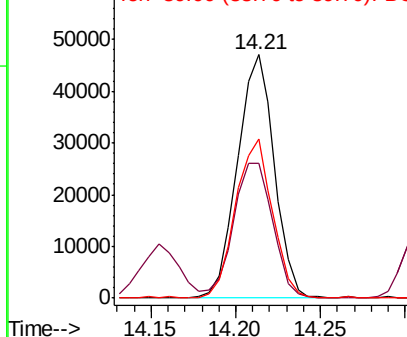
165 100

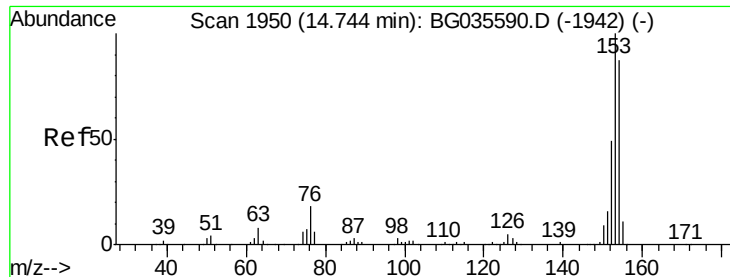
63 55.6 52.7 79.1

89 65.3 49.2 73.8



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





#51

Acenaphthene

Concen: 46.222 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

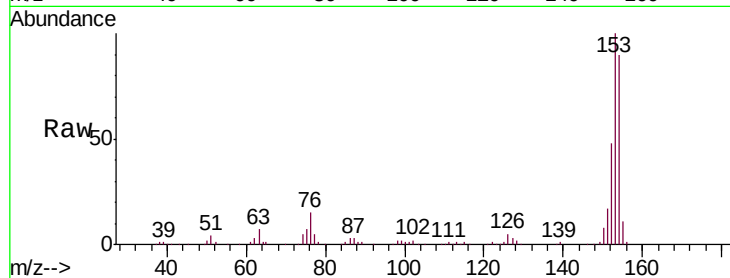
Tgt Ion:154 Resp: 213757

Ion Ratio Lower Upper

154 100

153 111.2 90.4 135.6

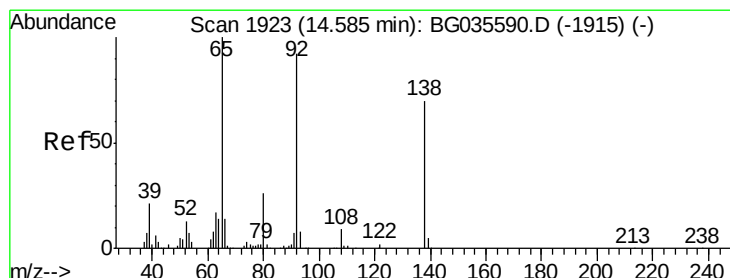
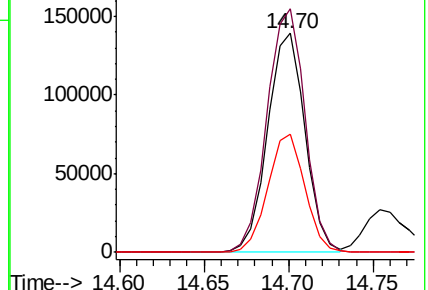
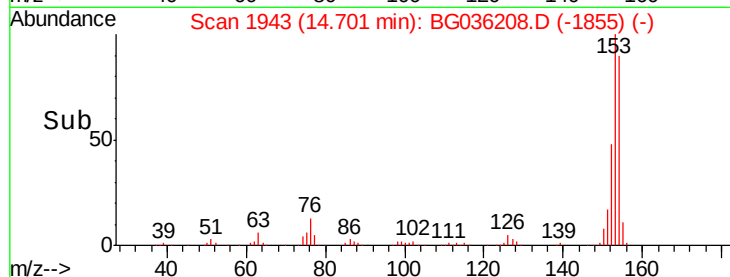
152 53.8 41.6 62.4



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: 15.528 ng

RT: 14.55 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

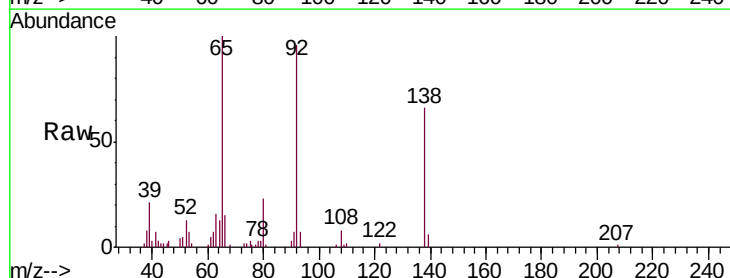
Tgt Ion:138 Resp: 20810

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

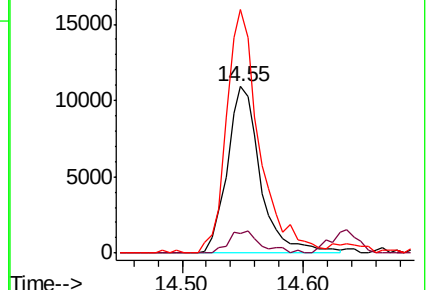
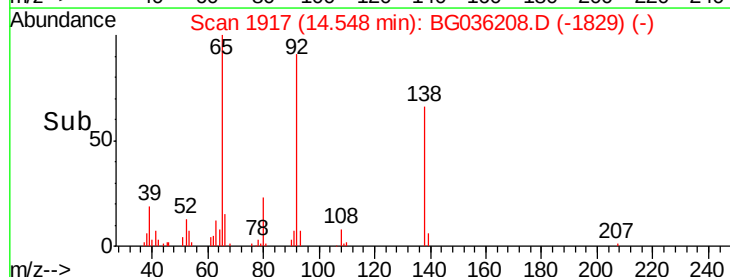
92 146.4 105.8 158.8

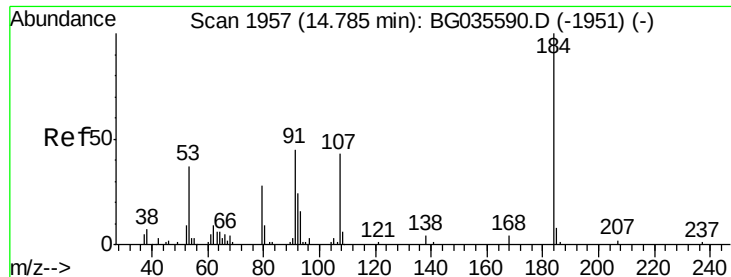


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

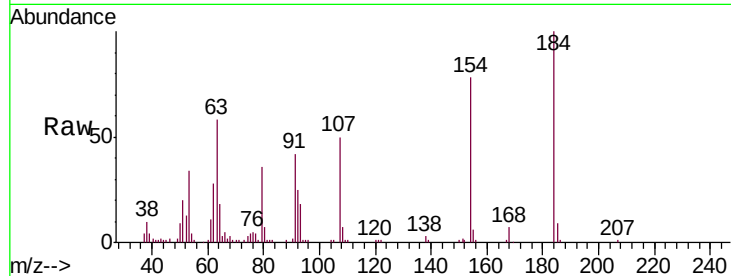




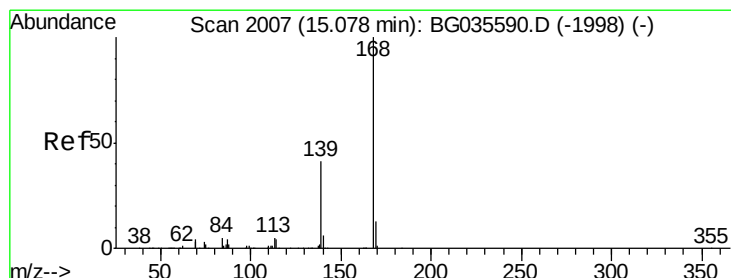
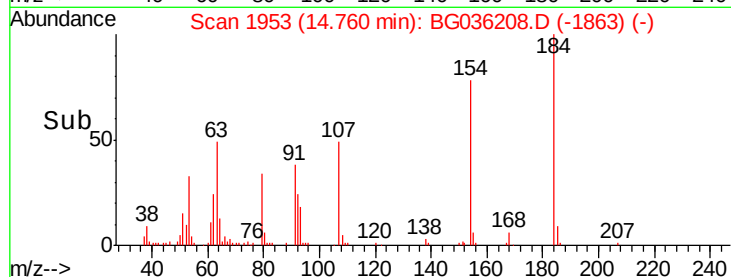
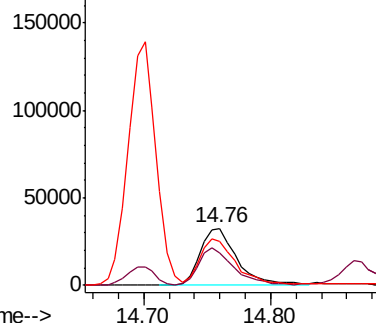
#53
 2,4-Dinitrophenol
 Concen: 95.948 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

Tgt Ion:184 Resp: 65658
 Ion Ratio Lower Upper
 184 100
 63 57.8 59.8 89.8#
 154 77.8 101.8 152.8#

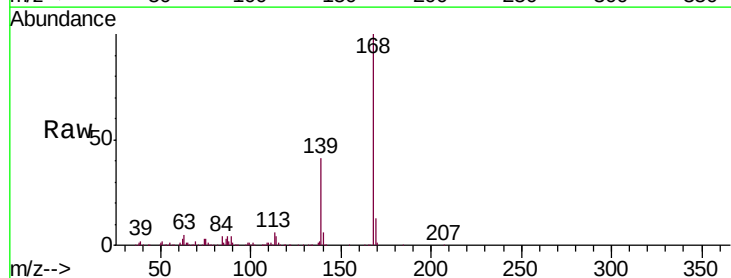


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

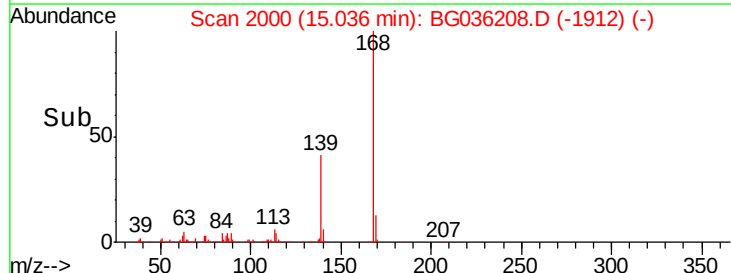
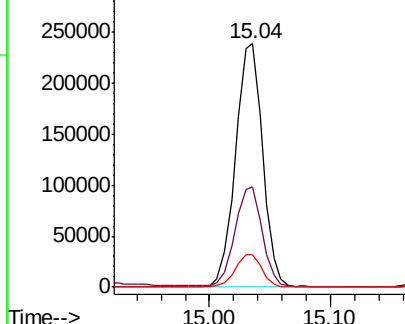


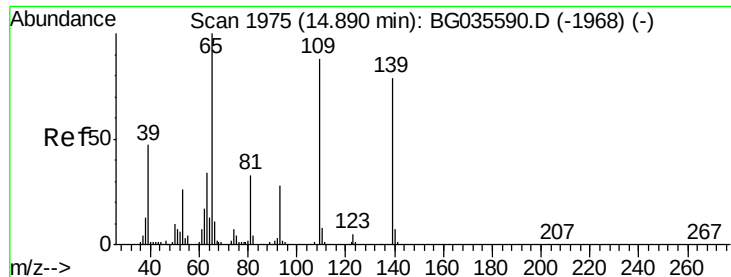
#54
 Dibenzofuran
 Concen: 50.892 ng
 RT: 15.04 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion:168 Resp: 374307
 Ion Ratio Lower Upper
 168 100
 139 41.0 28.6 43.0
 169 13.3 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: 84.849 ng

RT: 14.87 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

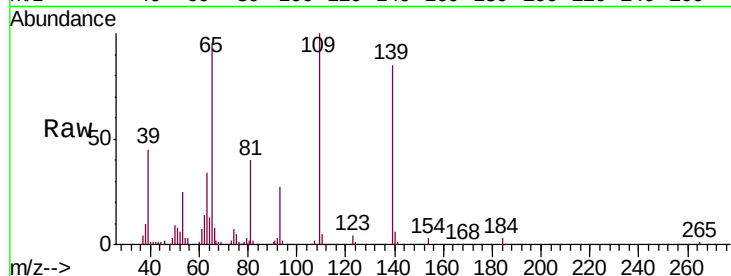
Tgt Ion:139 Resp: 80979

Ion Ratio Lower Upper

139 100

109 117.3 62.2 102.2#

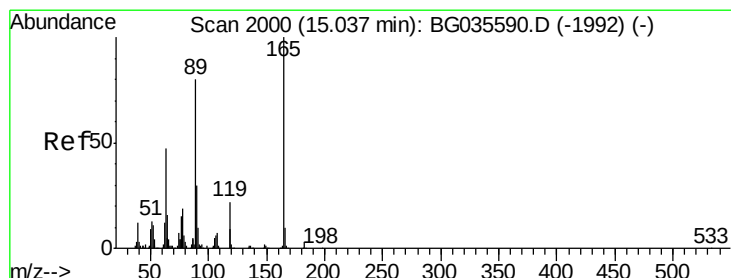
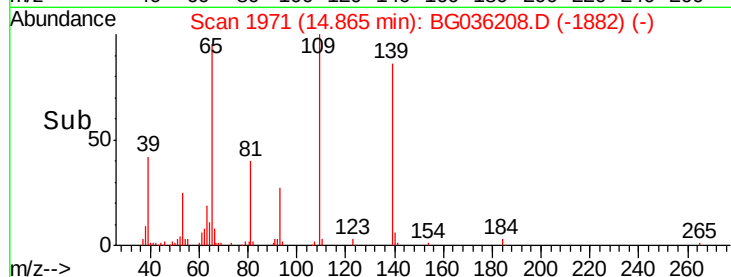
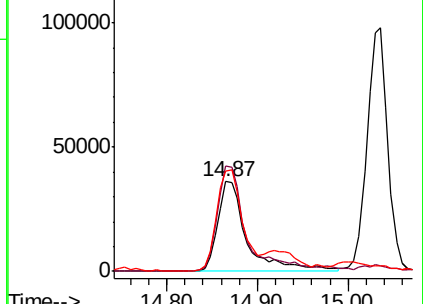
65 110.9 97.2 137.2



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): BGC



#56

2,4-Dinitrotoluene

Concen: 58.694 ng

RT: 15.00 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:165 Resp: 110407

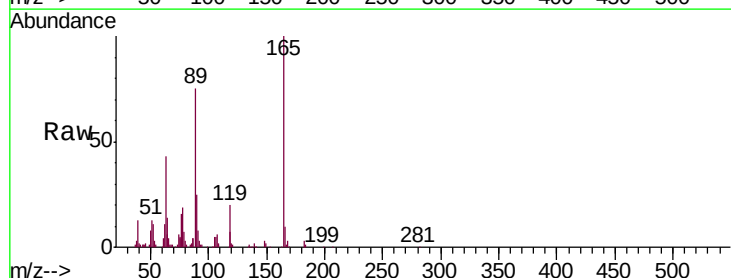
Ion Ratio Lower Upper

165 100

63 43.3 42.0 63.0

89 75.5 66.9 100.3

182 2.9 2.6 3.8

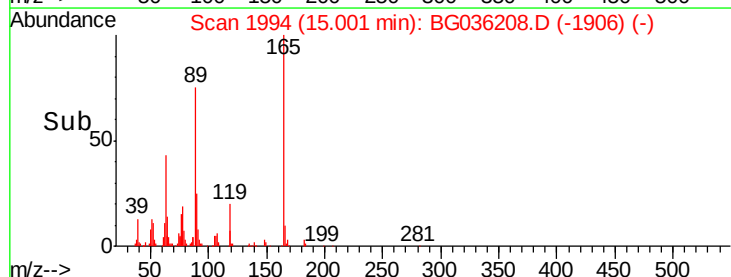
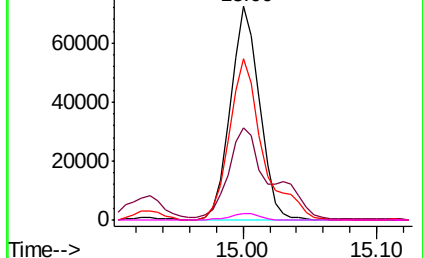


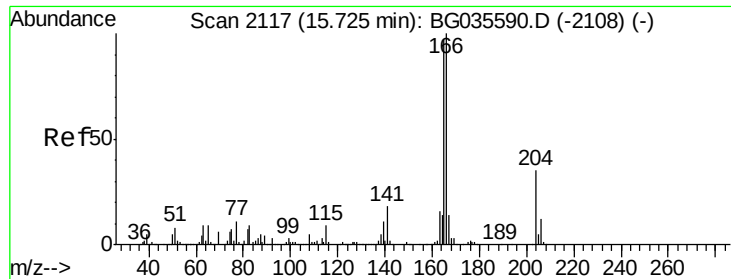
Abundance Ion 165.00 (164.70 to 165.70): E

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: 50.634 ng

RT: 15.68 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

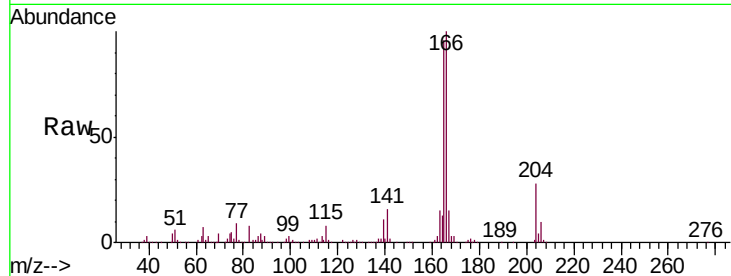
Tgt Ion:166 Resp: 312127

Ion Ratio Lower Upper

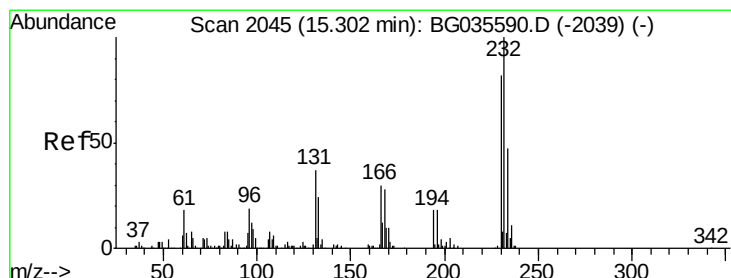
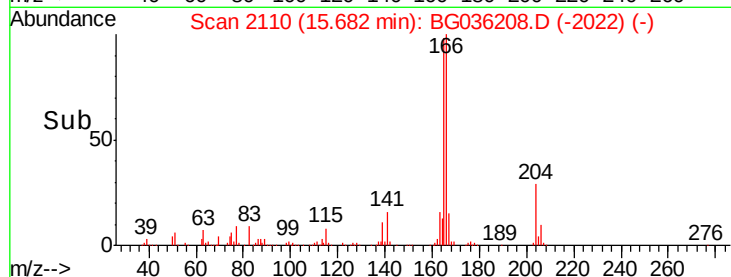
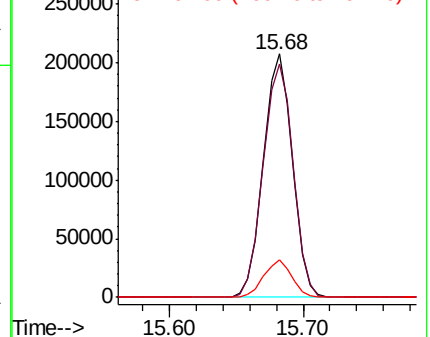
166 100

165 96.0 80.6 121.0

167 15.2 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



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.007 ng

RT: 15.26 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Tgt Ion:232 Resp: 104405

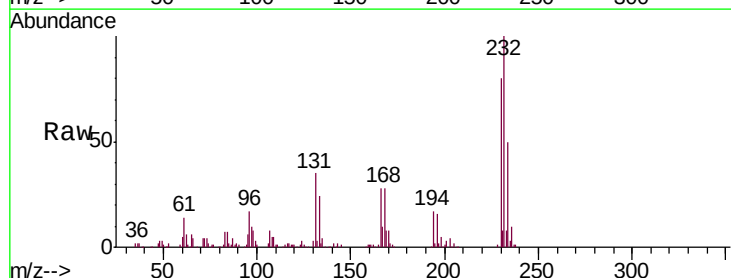
Ion Ratio Lower Upper

232 100

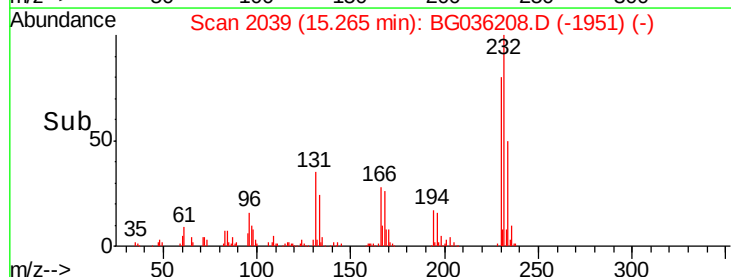
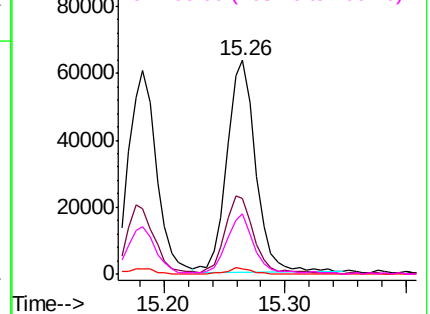
131 37.2 33.5 50.3

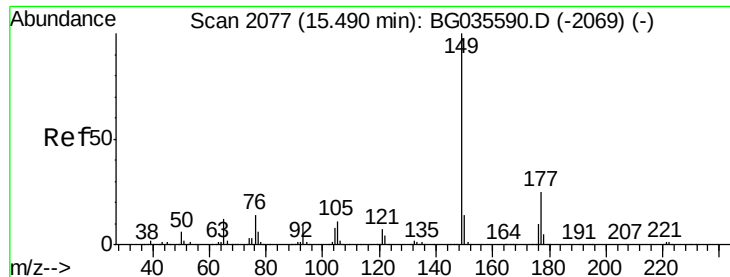
130 2.4 2.2 3.2

166 25.4 24.8 37.2



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

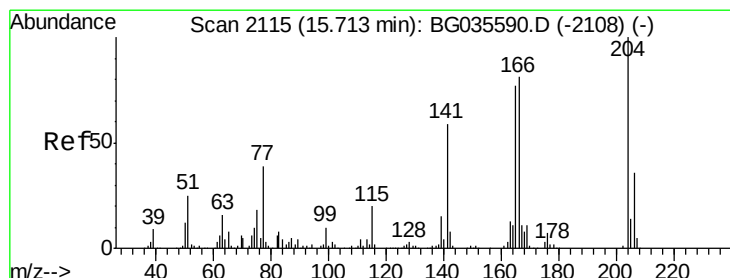
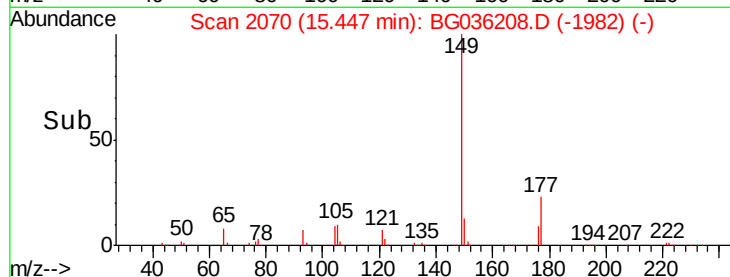
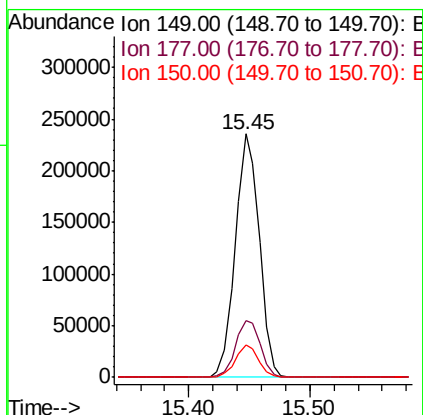
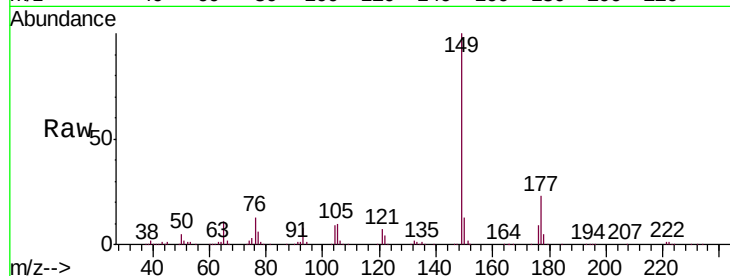




#59
Diethylphthalate
Concen: 49.230 ng
RT: 15.45 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

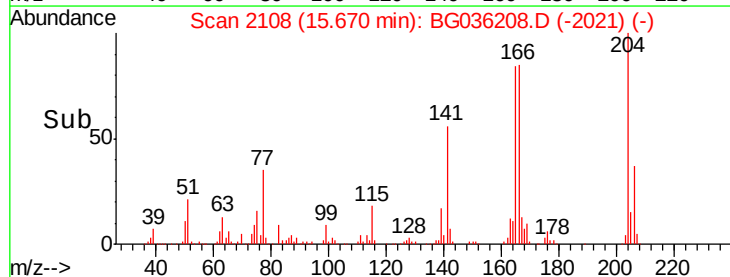
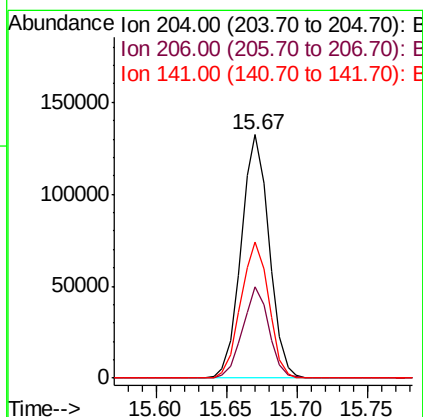
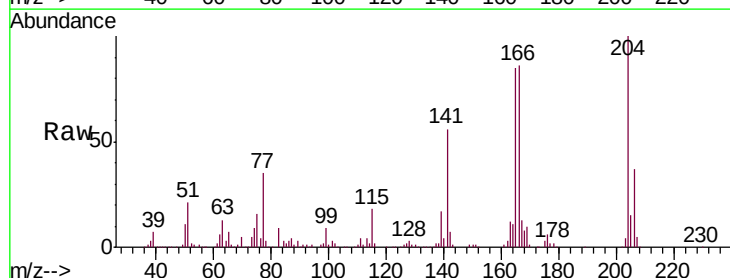
Instrument :
BNA_G
ClientSampleId :
155-SOILMS

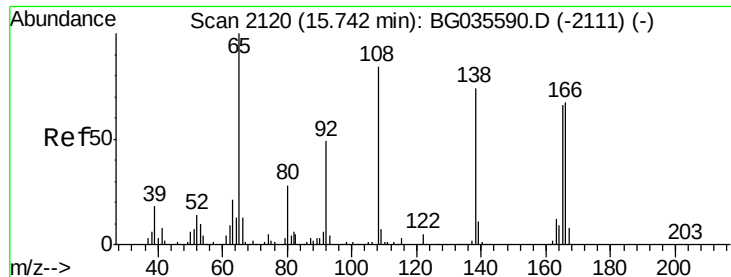
Tgt Ion:149 Resp: 325937
Ion Ratio Lower Upper
149 100
177 23.4 18.5 27.7
150 13.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 50.565 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion:204 Resp: 183203
Ion Ratio Lower Upper
204 100
206 37.4 26.2 39.2
141 55.8 45.8 68.6

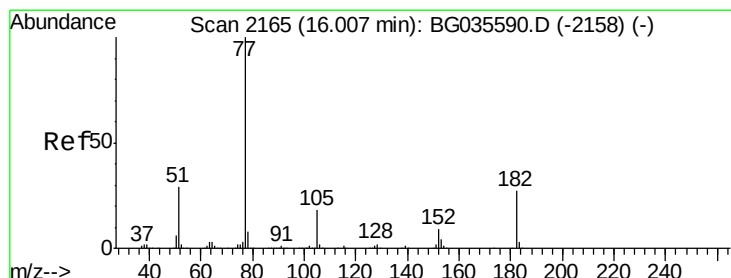
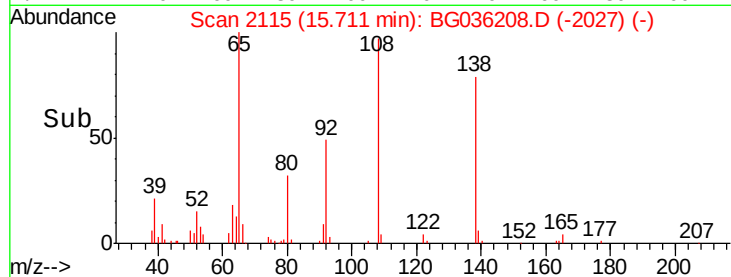
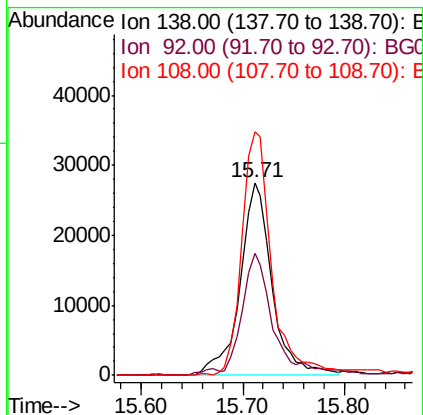
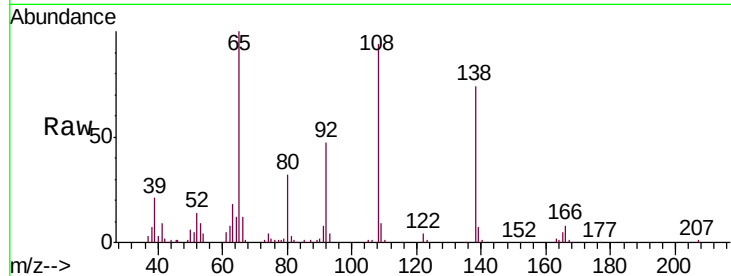




#61
4-Nitroaniline
Concen: 42.863 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

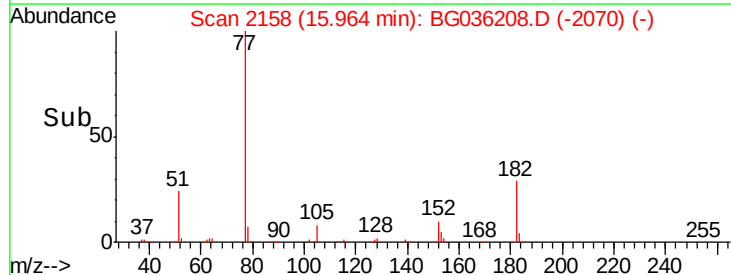
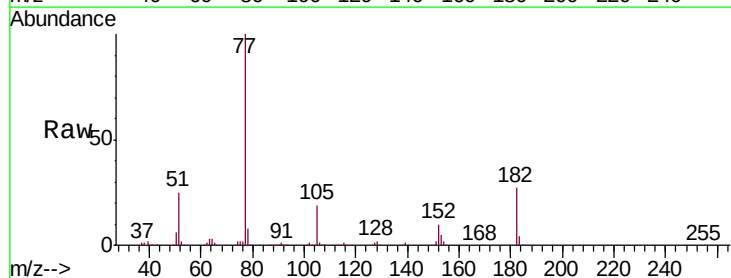
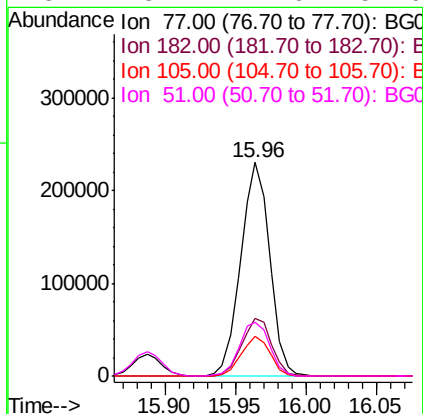
Instrument :
BNA_G
ClientSampleId :
155-SOILMS

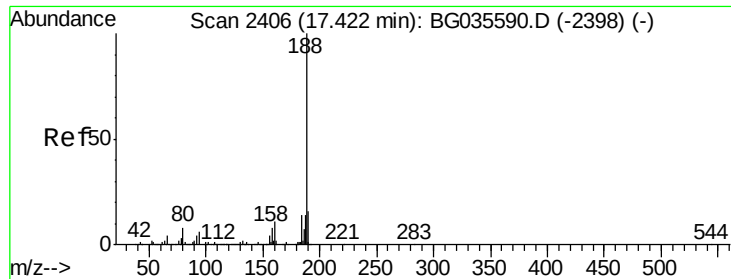
Tgt Ion:138 Resp: 60087
Ion Ratio Lower Upper
138 100
92 63.7 40.1 80.1
108 126.6 65.4 105.4#



#62
Azobenzene
Concen: 50.418 ng
RT: 15.96 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion: 77 Resp: 329259
Ion Ratio Lower Upper
77 100
182 26.9 7.4 47.4
105 18.6 0.3 40.3
51 25.4 11.6 51.6

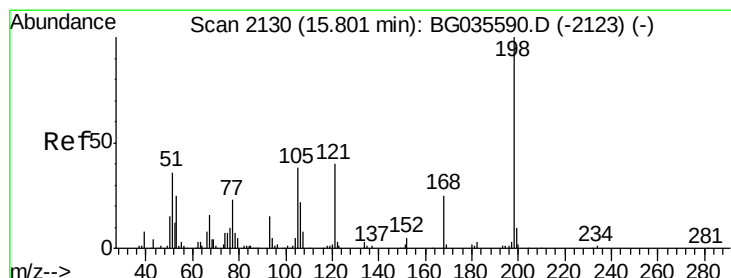
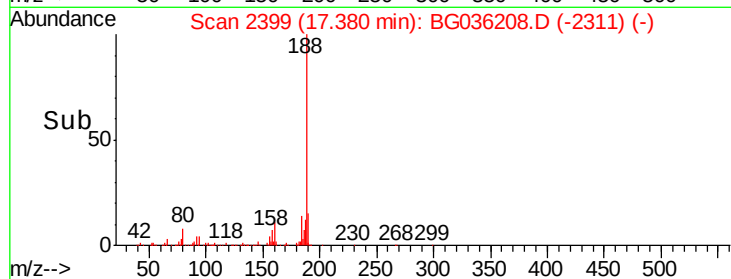
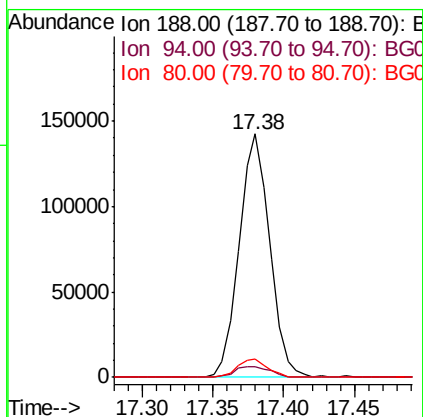
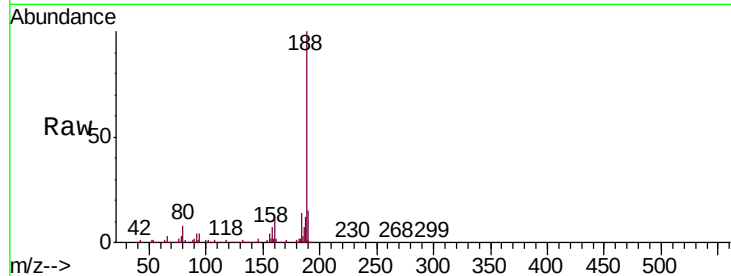




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

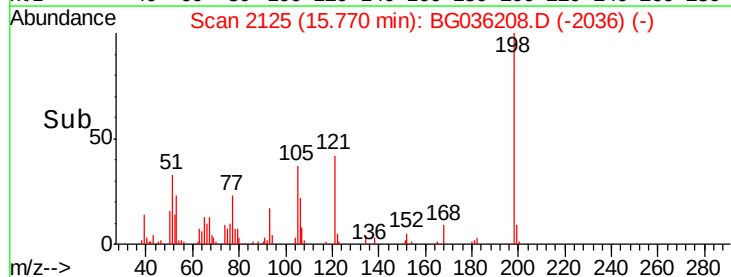
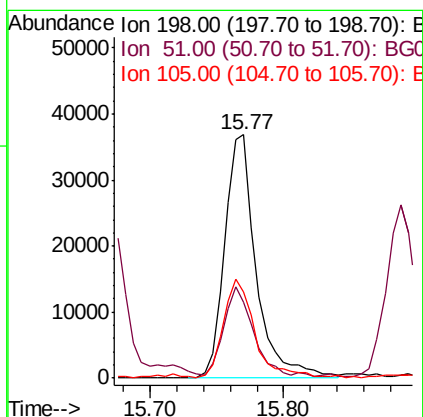
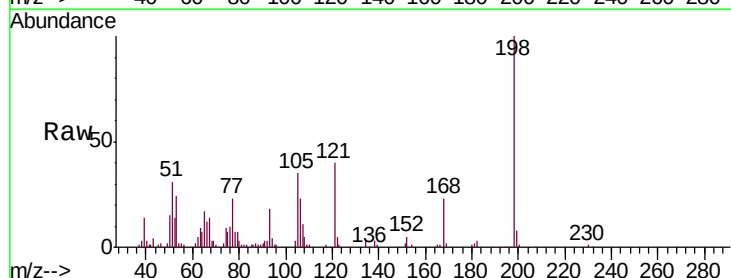
Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

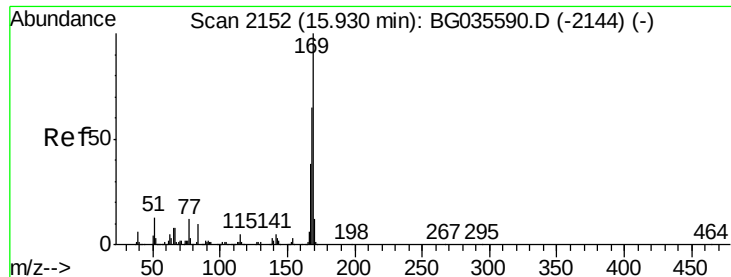
Tgt Ion:188 Resp: 215034
 Ion Ratio Lower Upper
 188 100
 94 4.3 6.9 10.3#
 80 7.7 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 50.914 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion:198 Resp: 60945
 Ion Ratio Lower Upper
 198 100
 51 31.4 30.6 70.6
 105 35.3 23.8 63.8

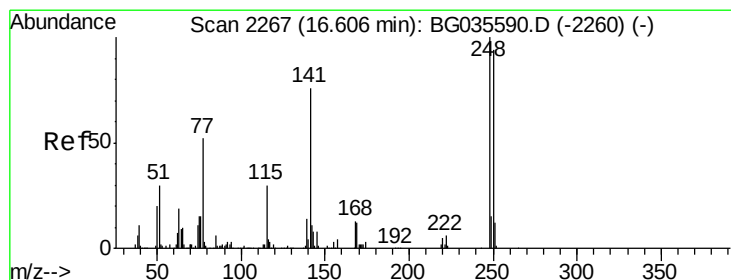
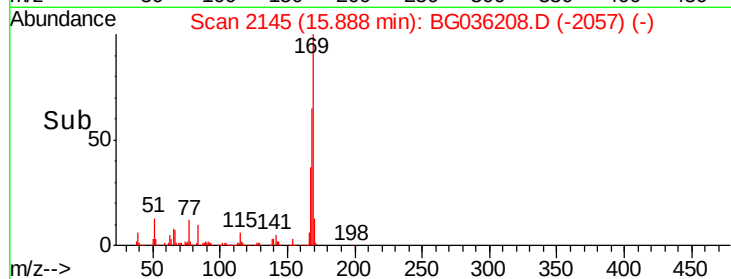
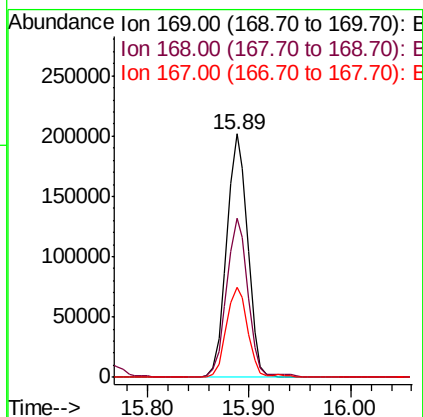
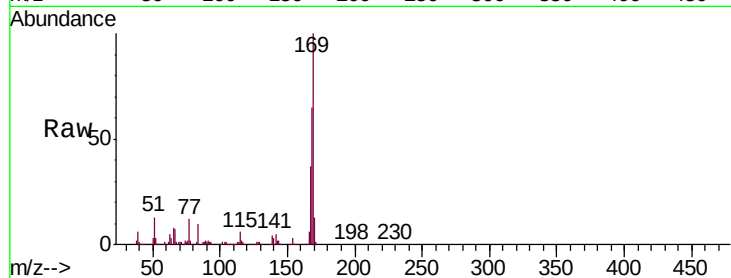




#65
 n-Nitrosodiphenylamine
 Concen: 47.272 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

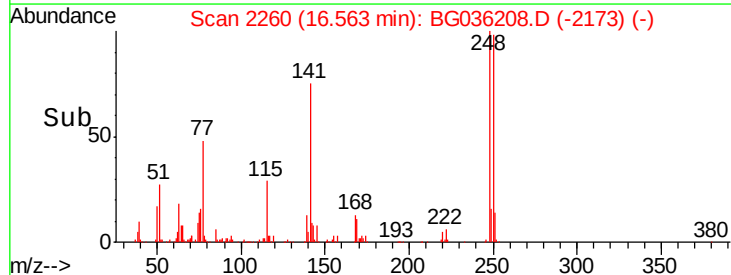
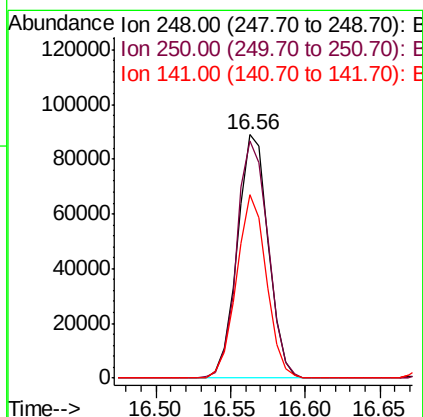
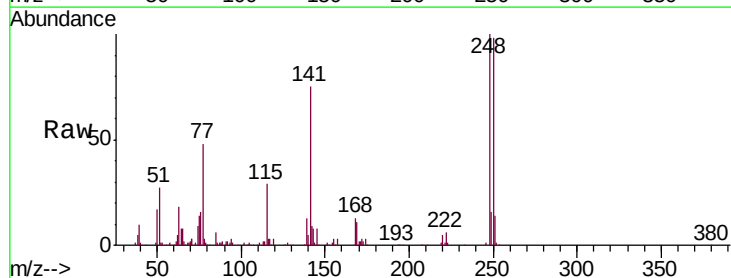
Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

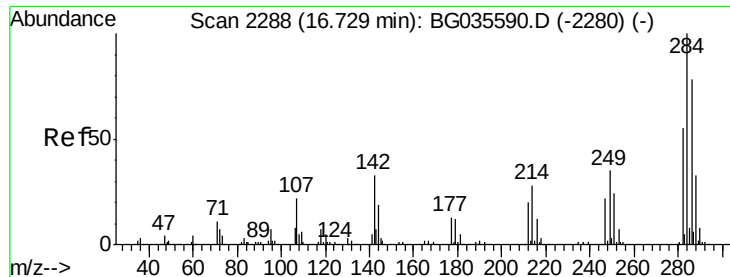
Tgt Ion:169 Resp: 289333
 Ion Ratio Lower Upper
 169 100
 168 65.3 55.7 83.5
 167 37.2 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 51.444 ng
 RT: 16.56 min Scan# 2260
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion:248 Resp: 128341
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.1 115.7
 141 75.5 50.8 76.2

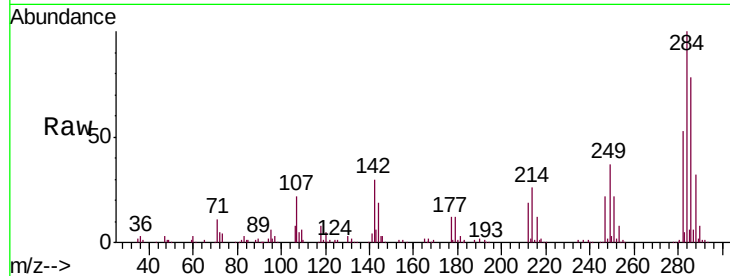




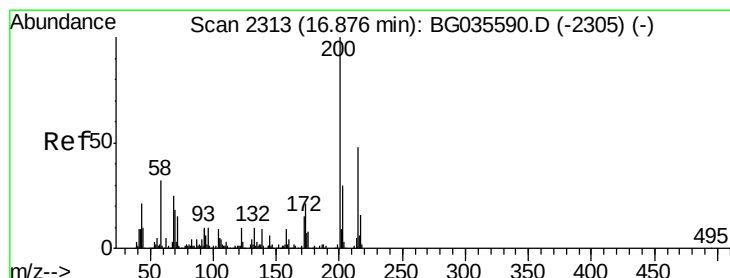
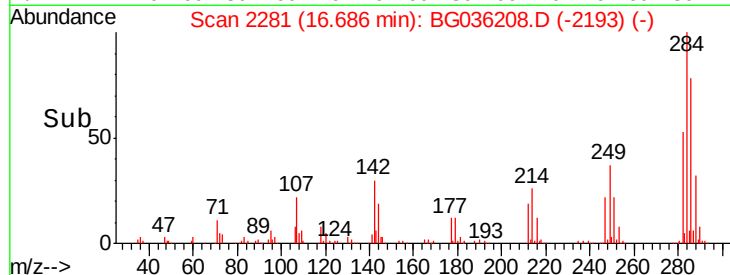
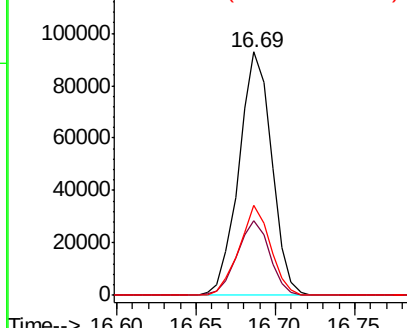
#67
Hexachlorobenzene
Concen: 51.869 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Instrument :
BNA_G
ClientSampleId :
155-SOILMS

Tgt Ion: 284 Resp: 133258
Ion Ratio Lower Upper
284 100
142 30.5 26.8 40.2
249 37.1 26.3 39.5

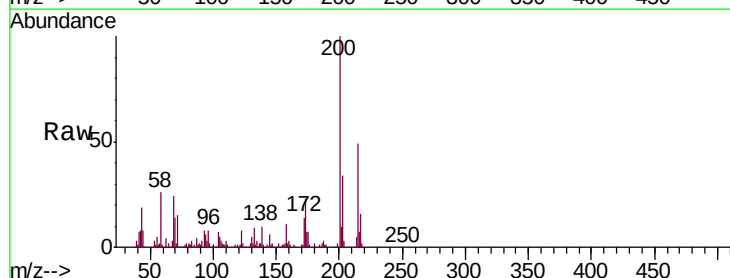


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

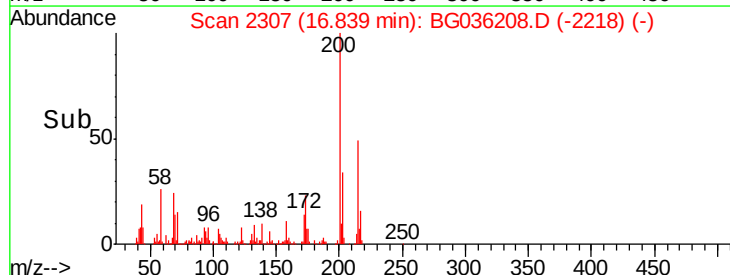
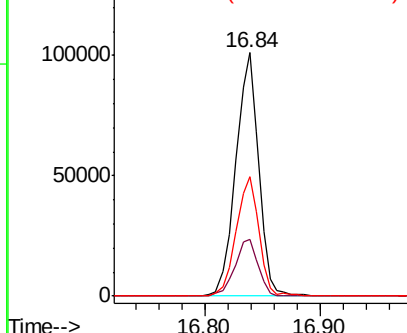


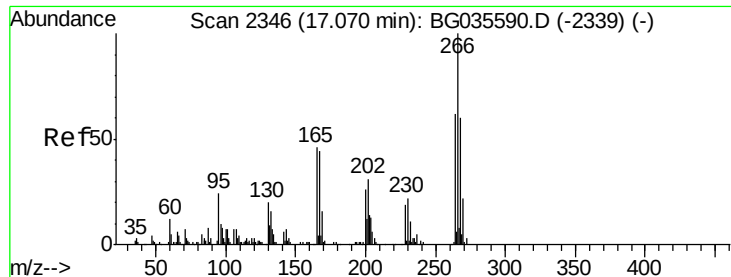
#68
Atrazine
Concen: 54.990 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion: 200 Resp: 138577
Ion Ratio Lower Upper
200 100
173 23.1 5.2 45.2
215 49.1 30.4 70.4



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

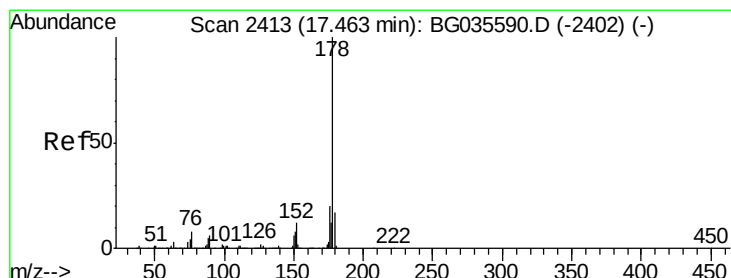
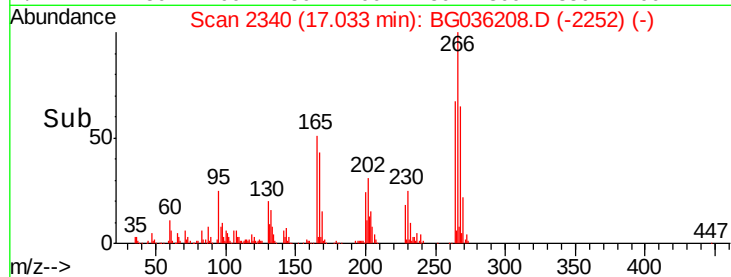
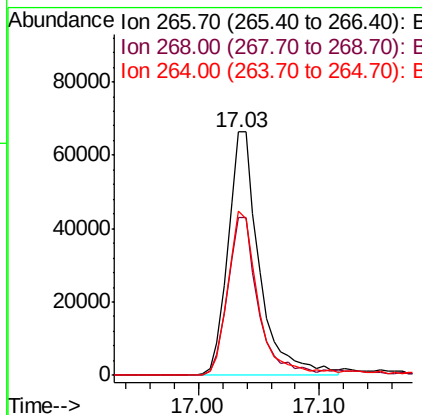
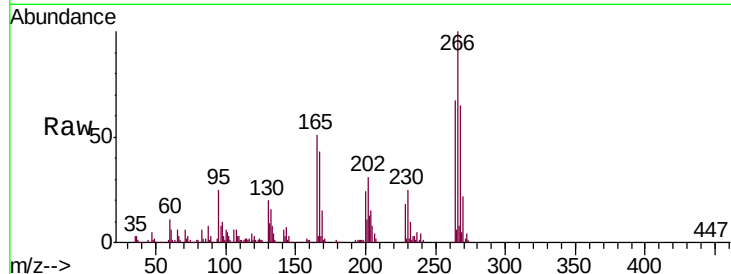




#69
 Pentachlorophenol
 Concen: 76.859 ng
 RT: 17.03 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

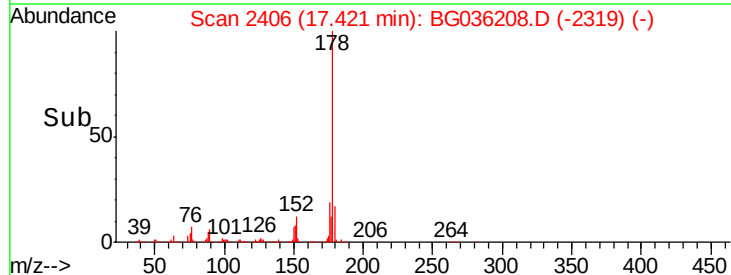
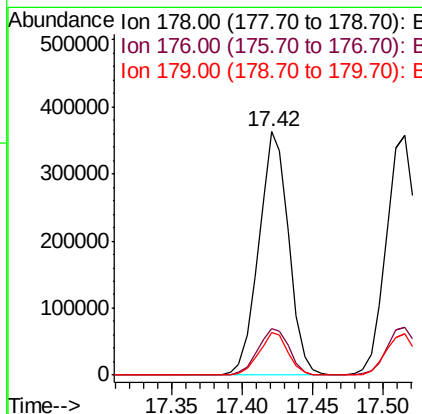
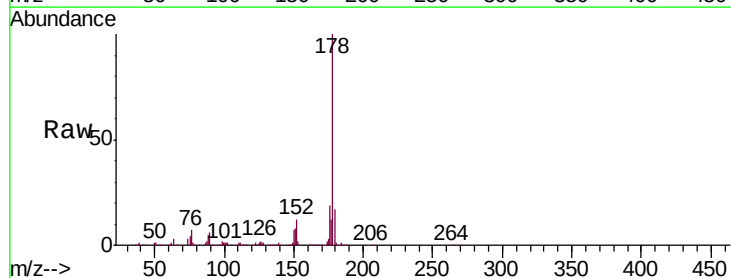
Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

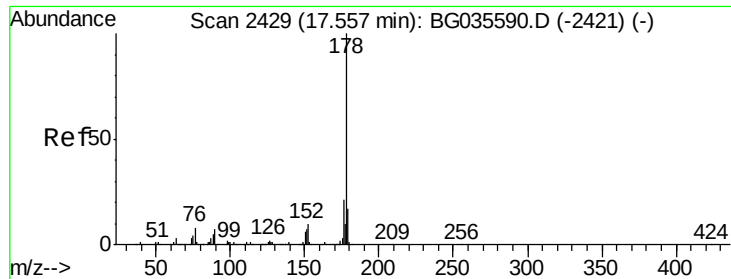
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	67.2	49.6	74.4



#70
 Phenanthrene
 Concen: 50.406 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	17.3	12.5	18.7

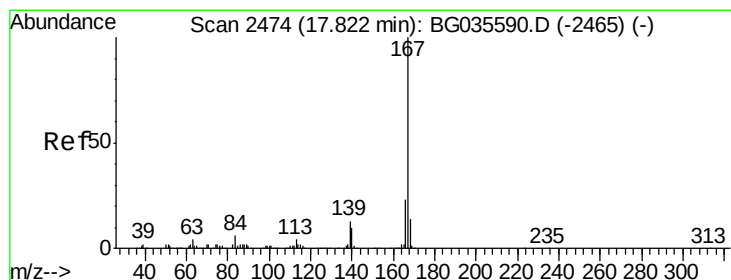
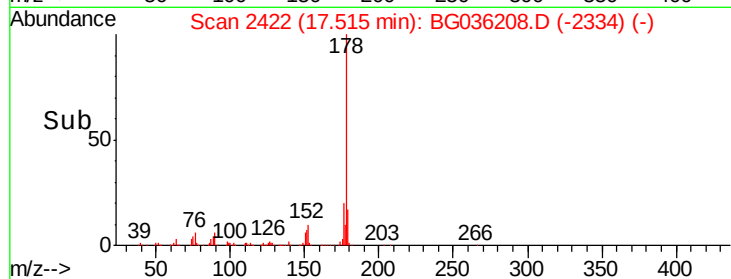
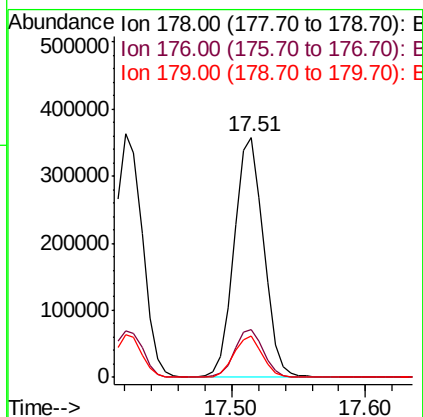
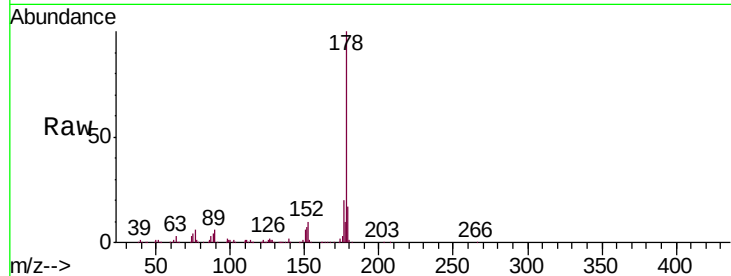




#71
 Anthracene
 Concen: 51.055 ng
 RT: 17.51 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

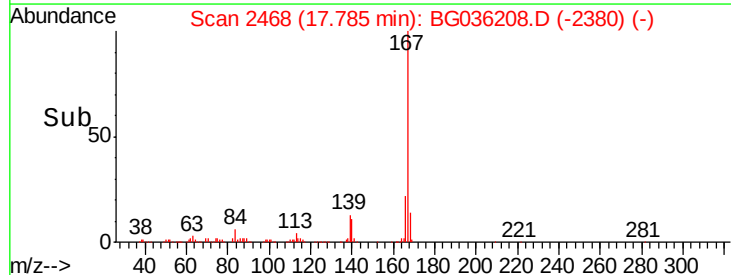
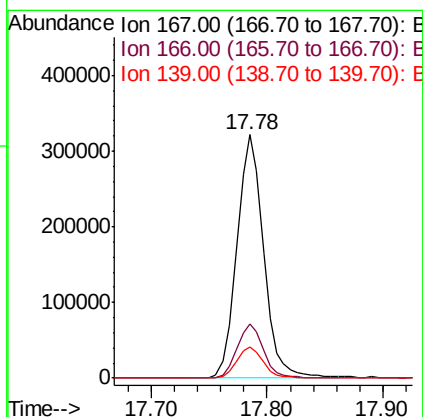
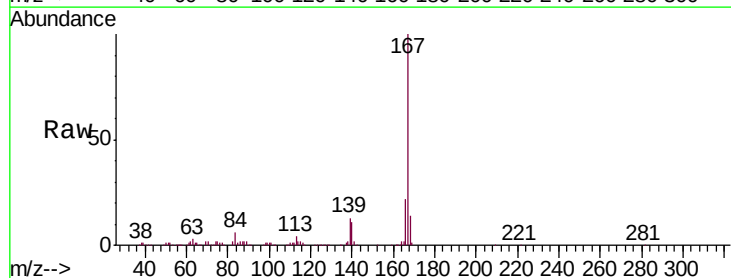
Instrument :
 BNA_G
 ClientSampleId :
 155-SOILMS

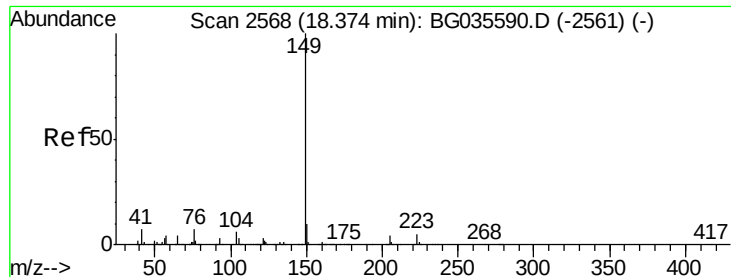
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	17.1	12.5	18.7



#72
 Carbazole
 Concen: 50.632 ng
 RT: 17.78 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG036208.D
 Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	12.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 49.580 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

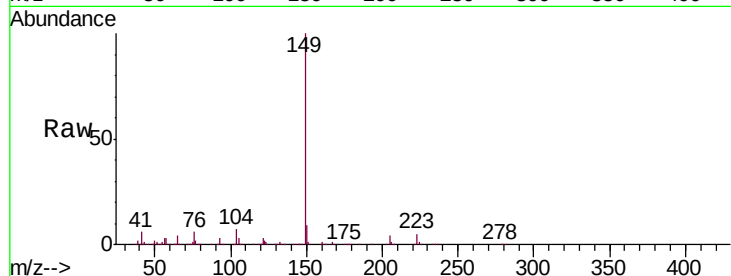
Tgt Ion:149 Resp: 594478

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

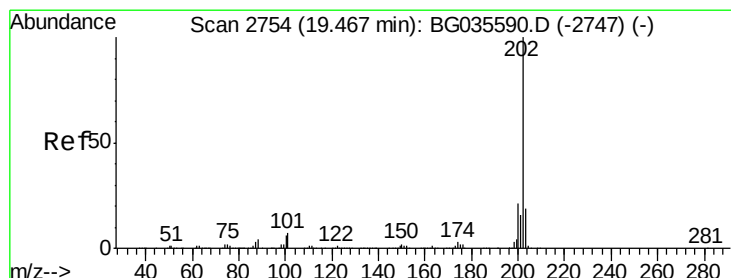
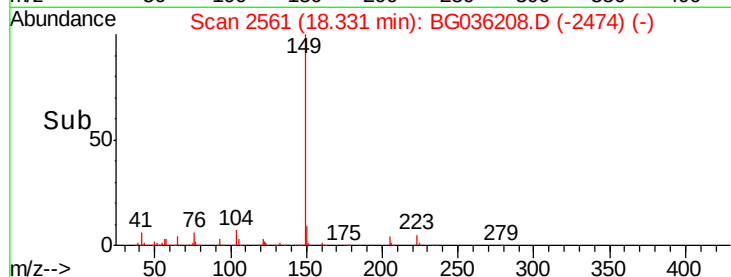
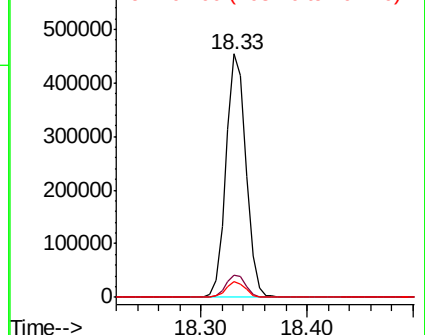
104 6.6 3.9 5.9#



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: 52.726 ng

RT: 19.43 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

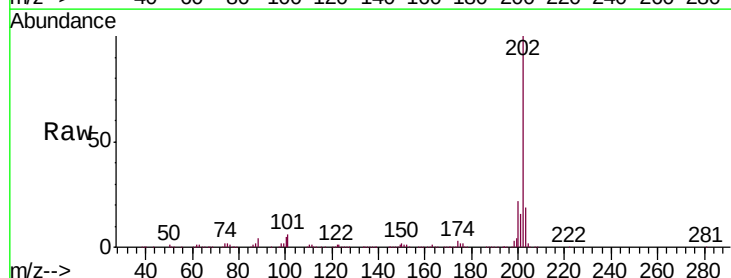
Tgt Ion:202 Resp: 762049

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.9

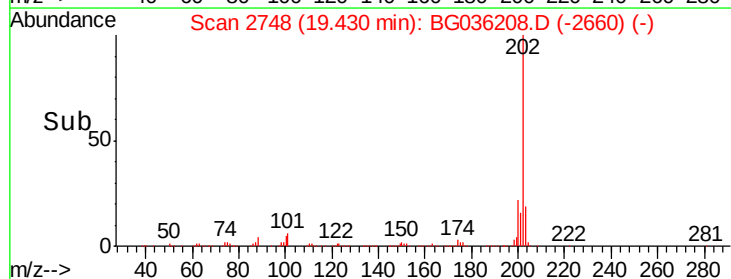
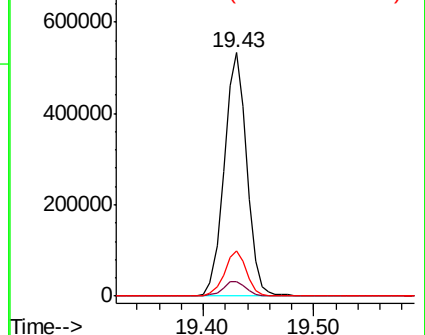
203 18.8 0.0 37.5

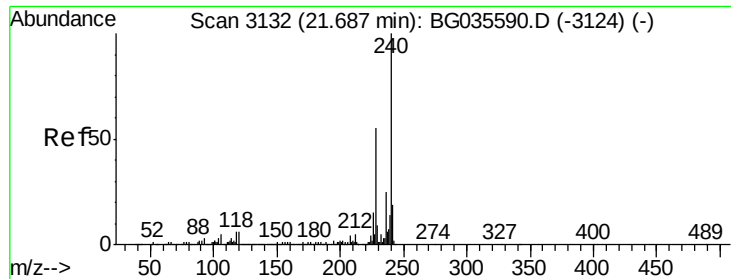


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.64 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

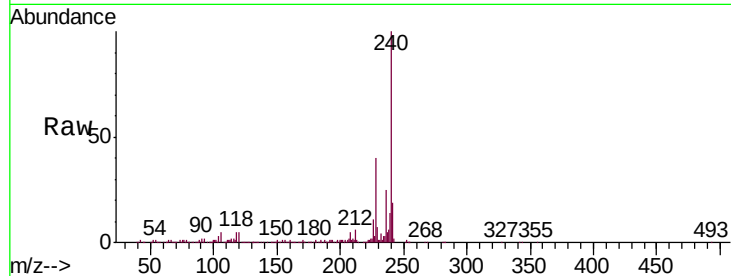
Tgt Ion:240 Resp: 254374

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

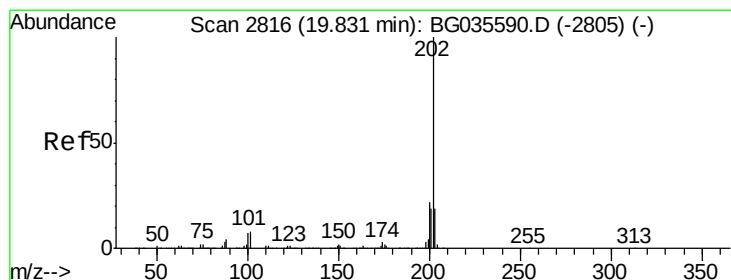
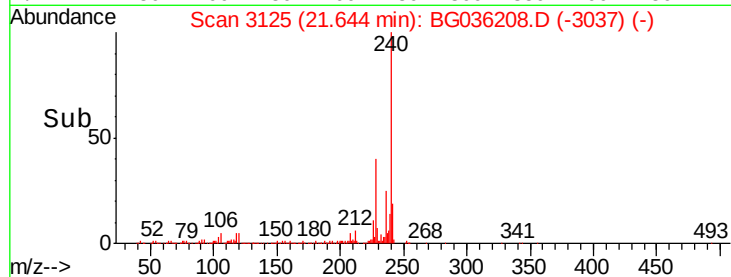
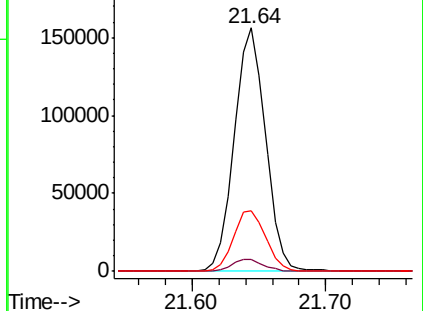
236 24.9 20.9 31.3



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: 48.000 ng

RT: 19.79 min Scan# 2809

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

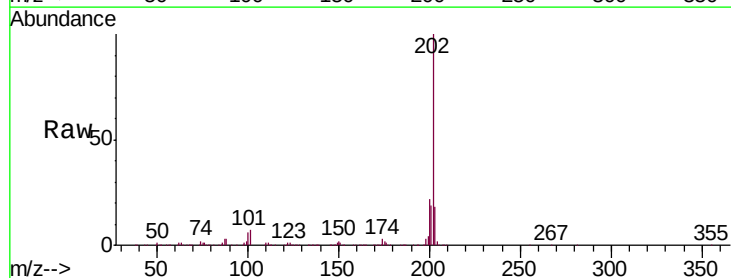
Tgt Ion:202 Resp: 772050

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

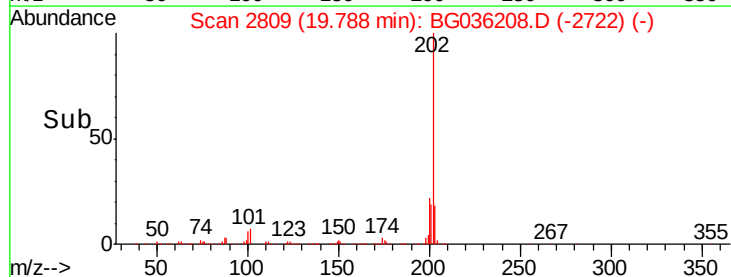
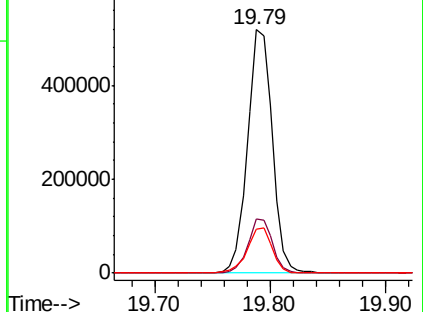
203 18.1 13.9 20.9

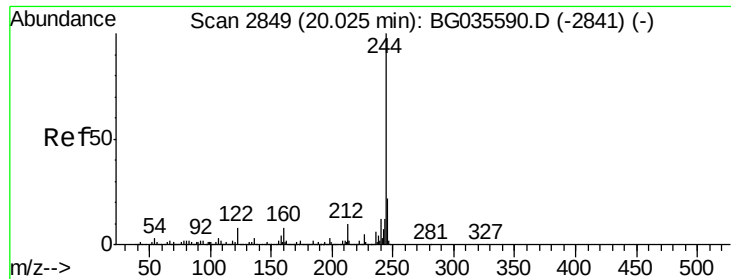


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 96.433 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampled :

155-SOILMS

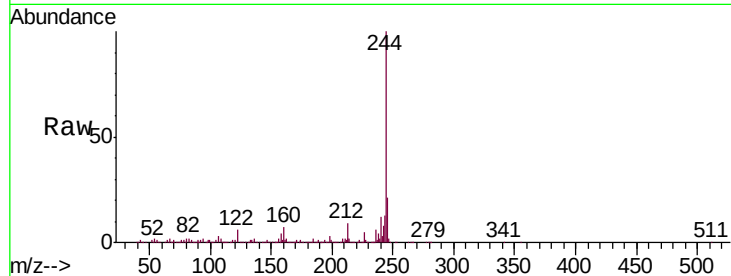
Tgt Ion:244 Resp: 1112829

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

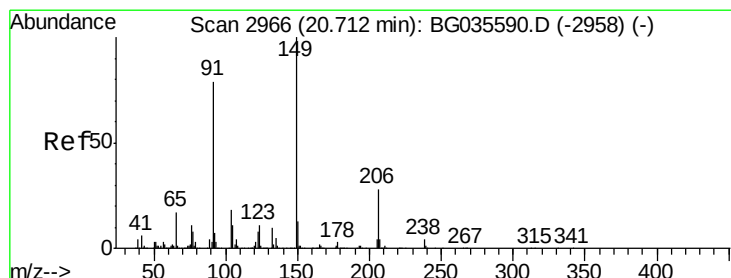
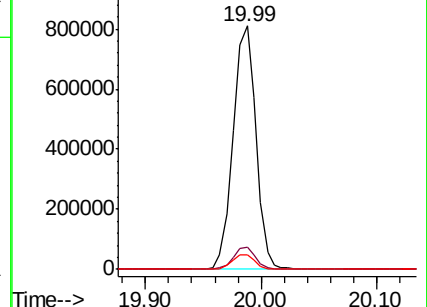
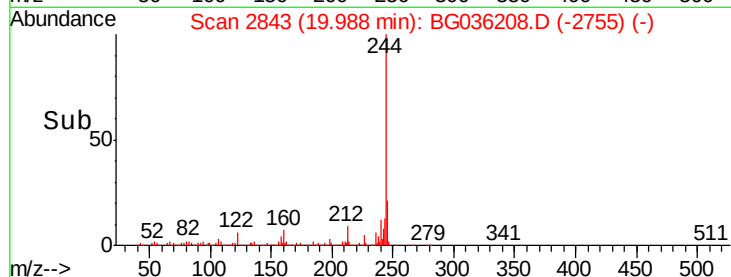
122 6.2 7.0 10.4#



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



#79

Butylbenzylphthalate

Concen: 49.948 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

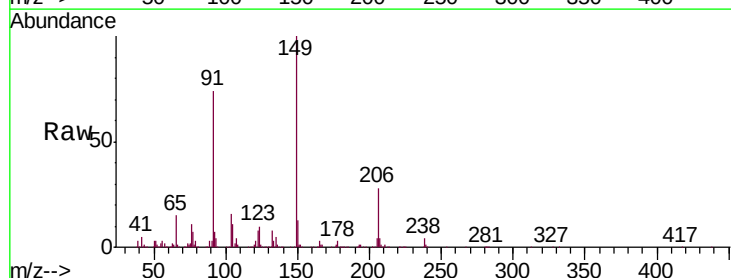
Tgt Ion:149 Resp: 287293

Ion Ratio Lower Upper

149 100

91 74.1 62.2 93.2

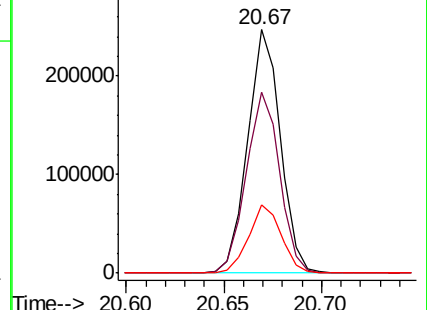
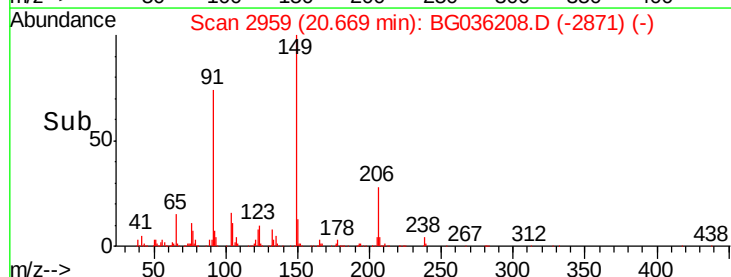
206 28.0 18.6 27.8#

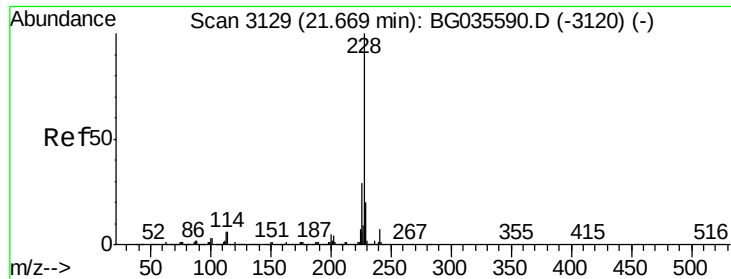


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 48.990 ng

RT: 21.62 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

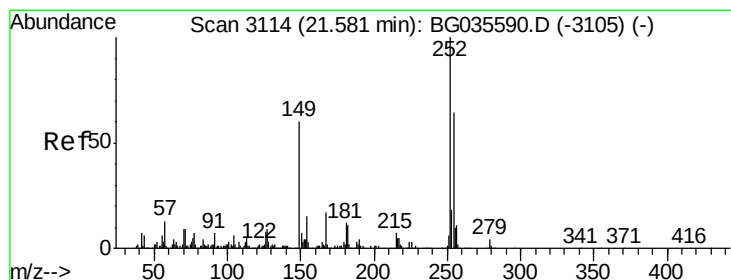
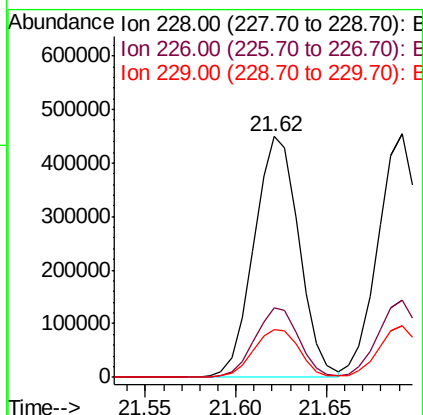
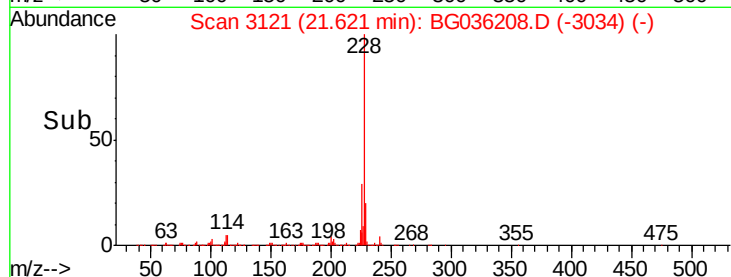
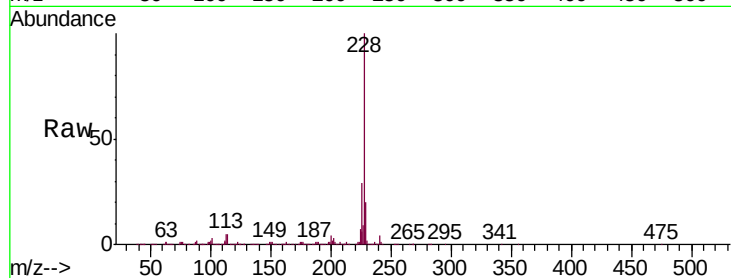
Tgt Ion:228 Resp: 776590

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

229 19.8 16.2 24.2



#81

3,3'-Dichlorobenzidine

Concen: 17.308 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

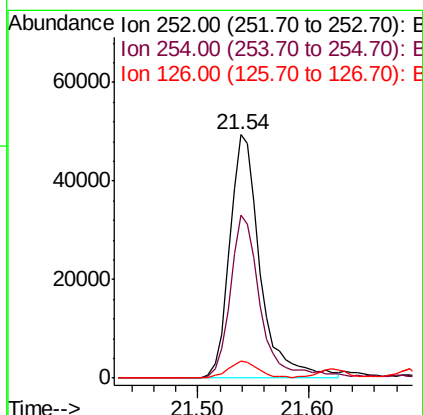
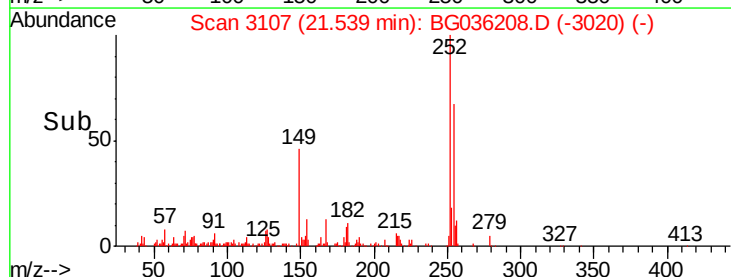
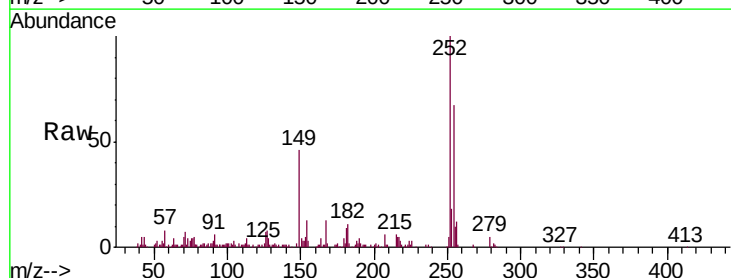
Tgt Ion:252 Resp: 95666

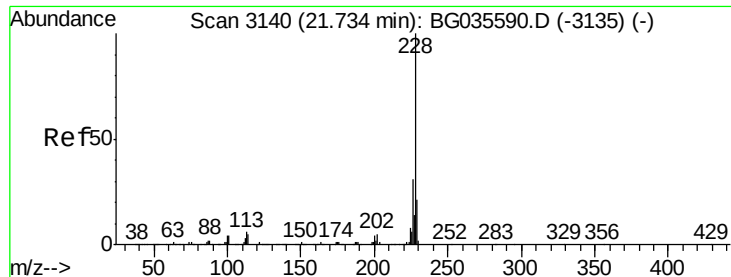
Ion Ratio Lower Upper

252 100

254 67.0 50.8 76.2

126 6.9 7.4 11.2#





#82

Chrysene

Concen: 49.410 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

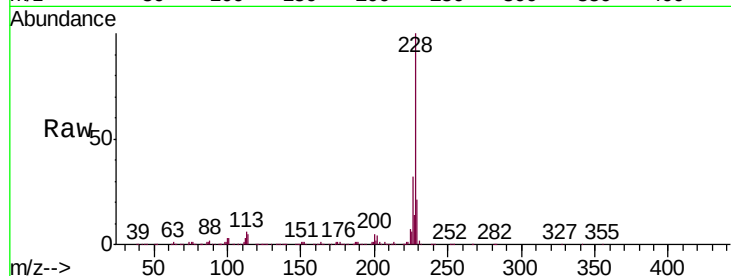
Tgt Ion: 228 Resp: 725811

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

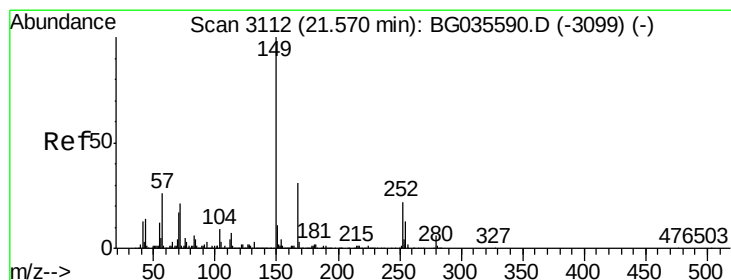
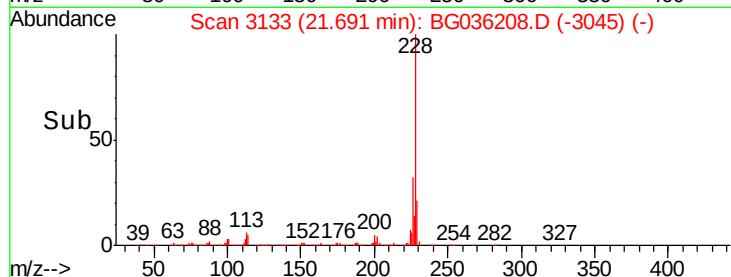
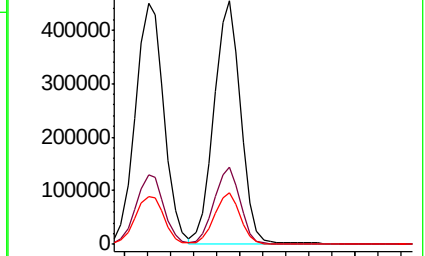
229 21.0 15.0 22.4



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: 49.842 ng

RT: 21.52 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

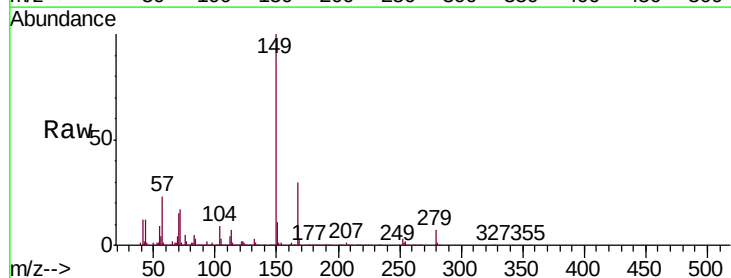
Tgt Ion: 149 Resp: 389750

Ion Ratio Lower Upper

149 100

167 29.8 24.3 36.5

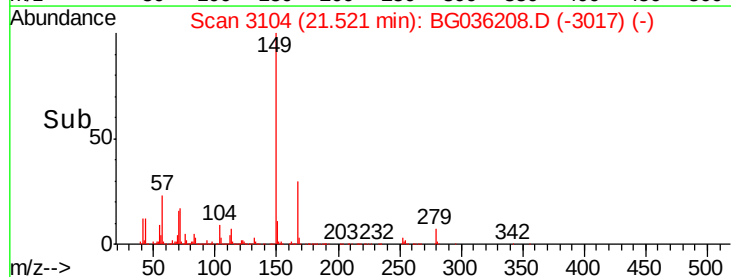
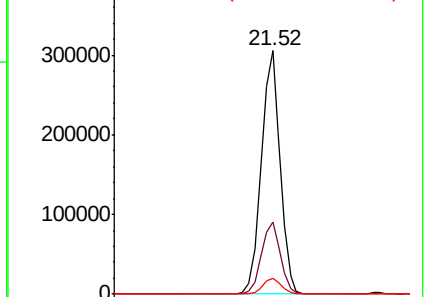
279 6.5 4.0 6.0#

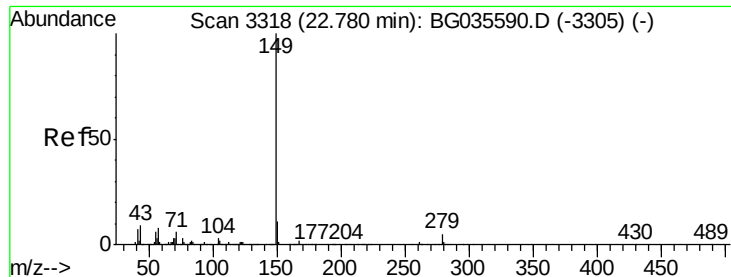


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

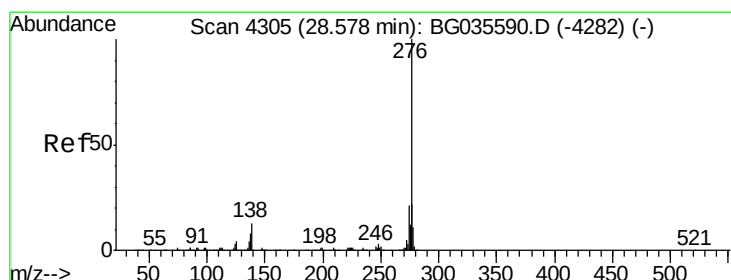
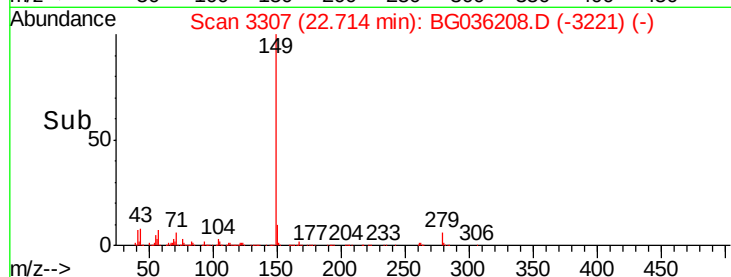
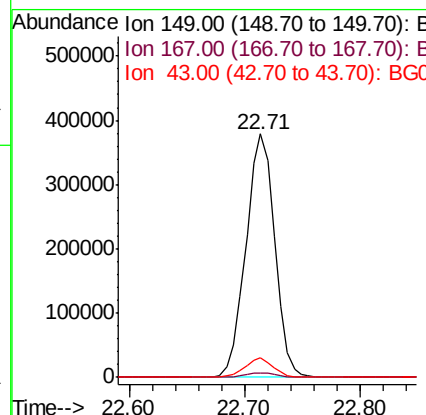
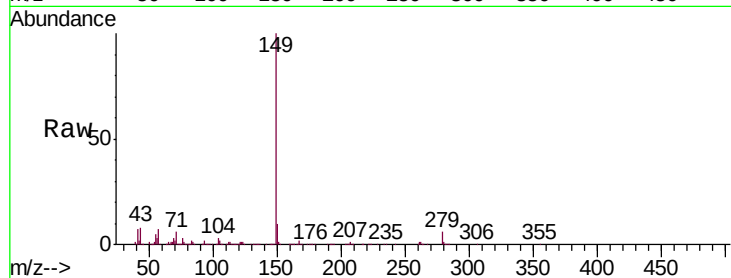




#84
Di-n-octyl phthalate
Concen: 50.156 ng
RT: 22.71 min Scan# 3307
Delta R.T. -0.03 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

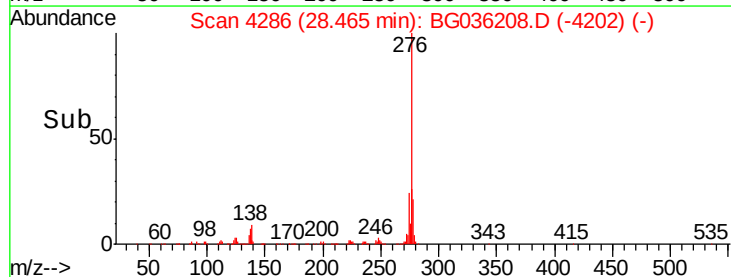
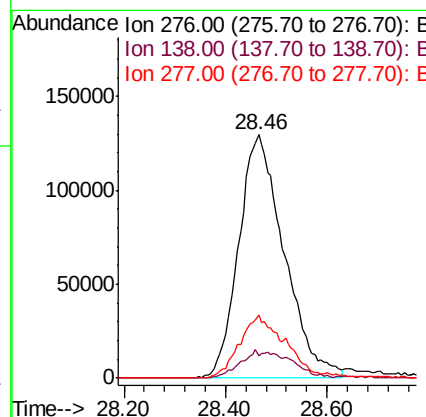
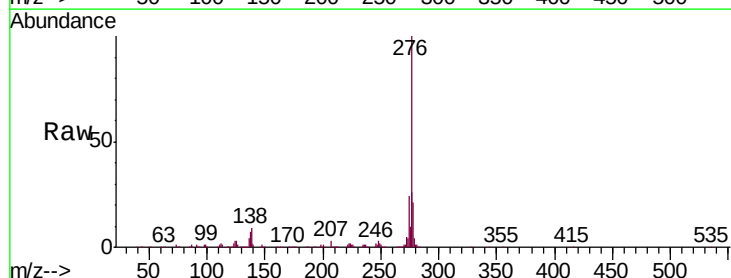
Instrument :
BNA_G
ClientSampleId :
155-SOILMS

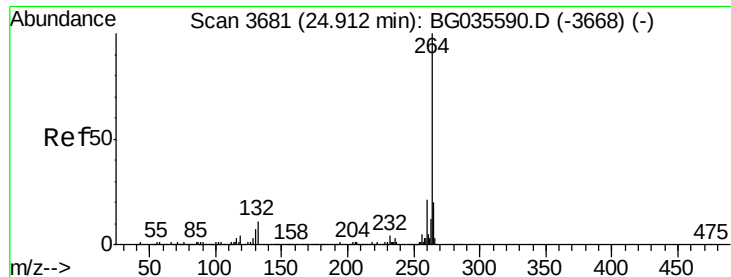
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.7	8.9	13.3#



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.551 ng
RT: 28.46 min Scan# 4286
Delta R.T. -0.04 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.8	16.0	24.0#
277	25.7	20.0	30.0

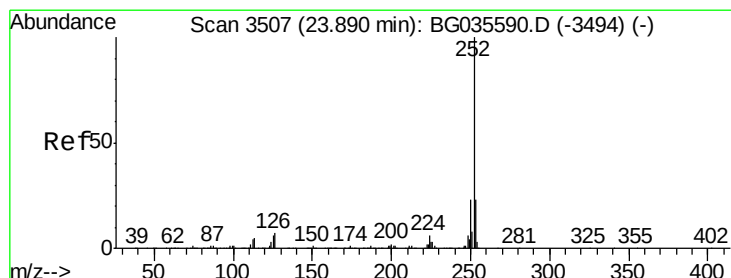
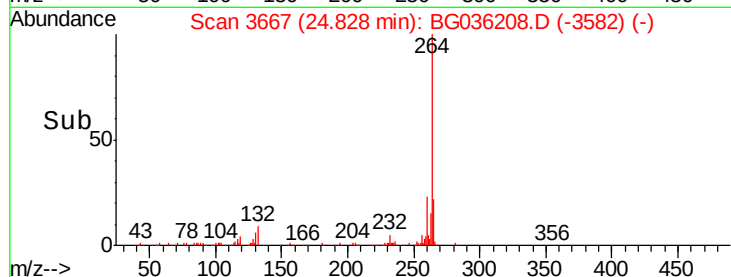
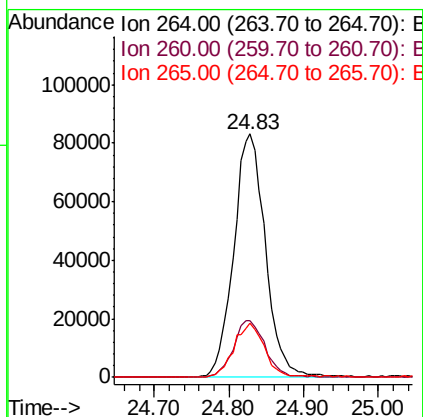
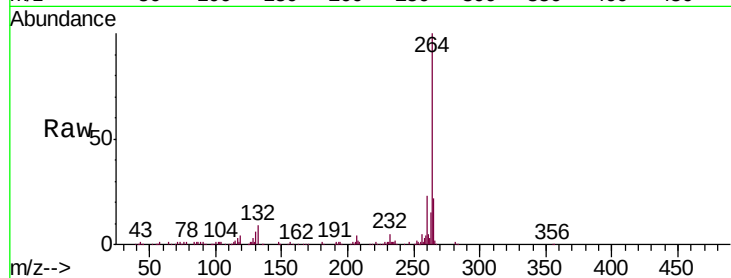




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

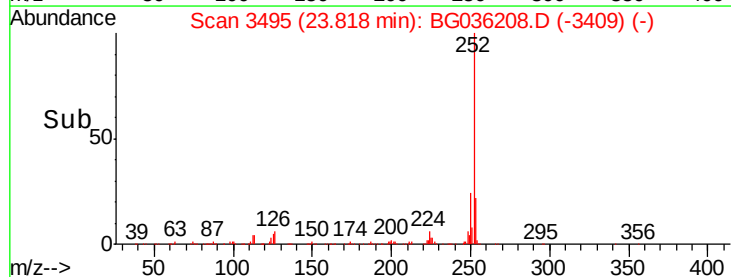
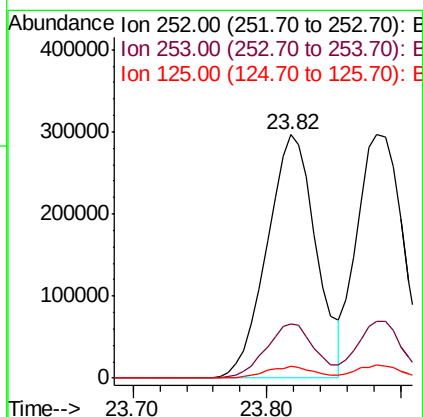
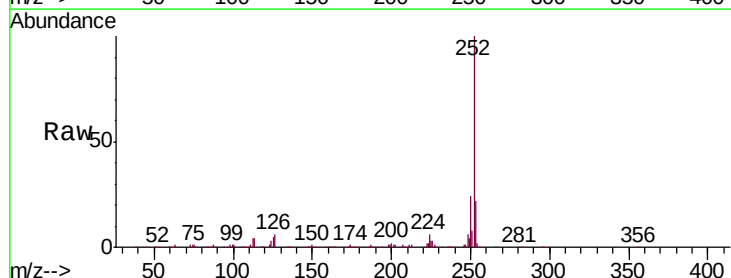
Instrument :
BNA_G
ClientSampleId :
155-SOILMS

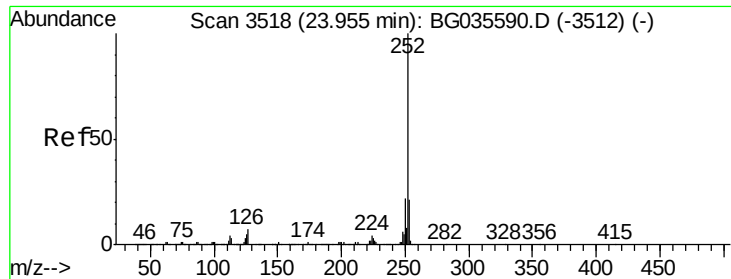
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.1	17.7	26.5



#87
Benzo(b)fluoranthene
Concen: 50.851 ng
RT: 23.82 min Scan# 3495
Delta R.T. -0.03 min
Lab File: BG036208.D
Acq: 8 Aug 2018 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	5.0	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 49.048 ng

RT: 23.88 min Scan# 3506

Delta R.T. -0.03 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

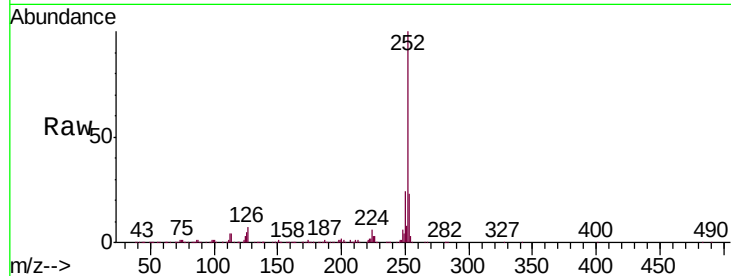
Tgt Ion:252 Resp: 714465

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

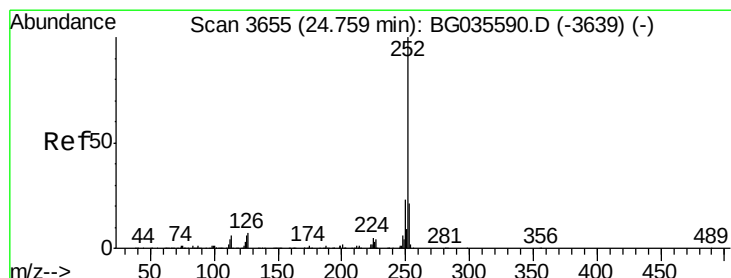
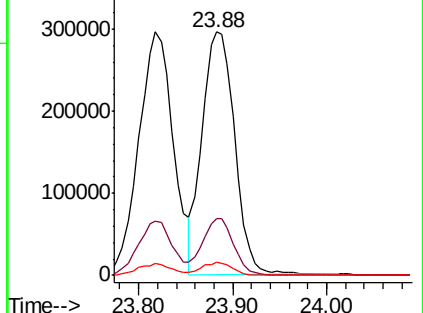
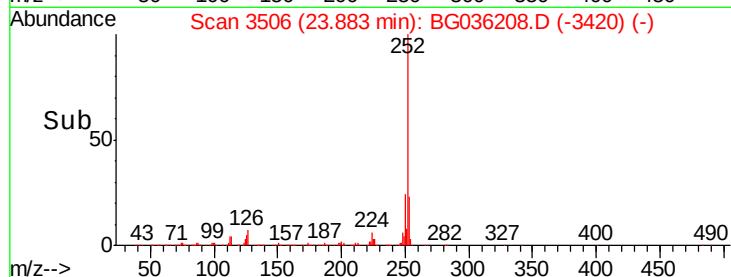
125 5.3 6.6 9.8#



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: 52.144 ng

RT: 24.68 min Scan# 3642

Delta R.T. -0.03 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

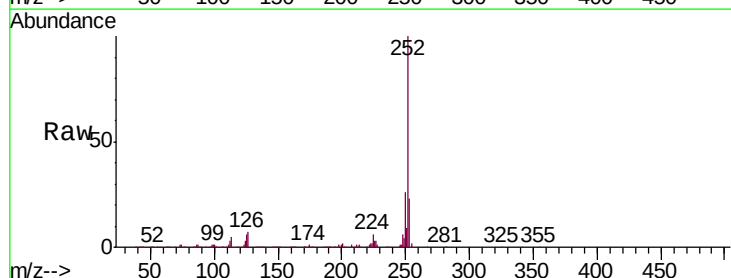
Tgt Ion:252 Resp: 722796

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

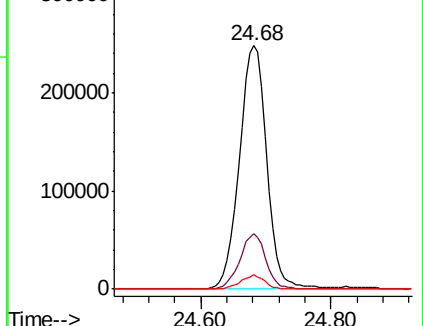
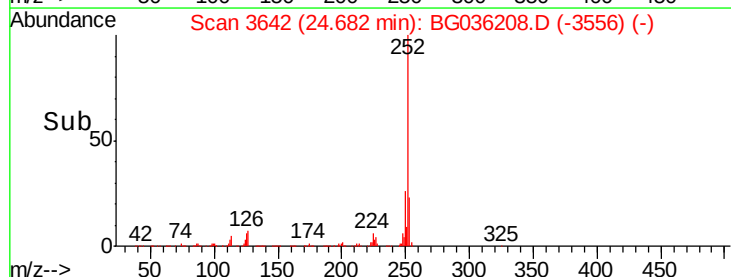
125 5.9 7.3 10.9#

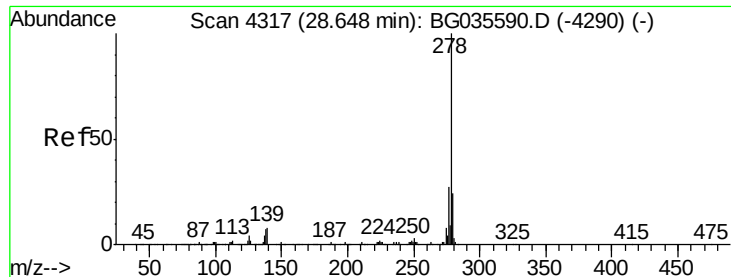


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 49.090 ng

RT: 28.52 min Scan# 4295

Delta R.T. -0.05 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

Instrument :

BNA_G

ClientSampleId :

155-SOILMS

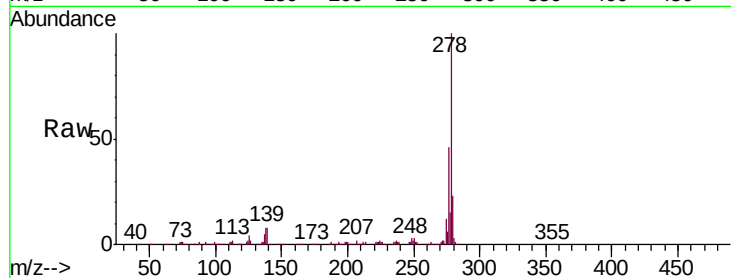
Tgt Ion:278 Resp: 668048

Ion Ratio Lower Upper

278 100

139 7.7 9.8 14.6#

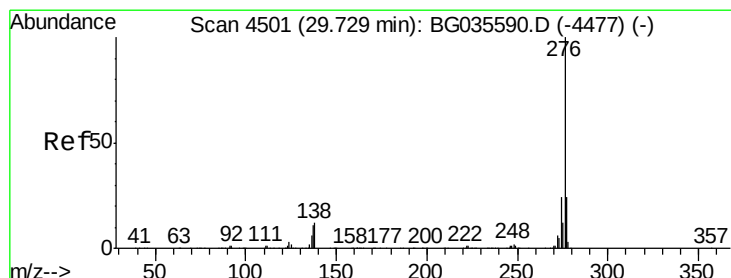
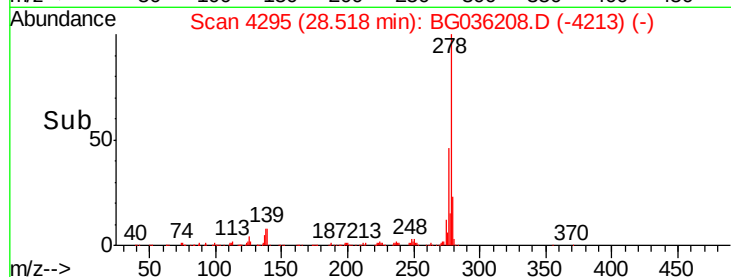
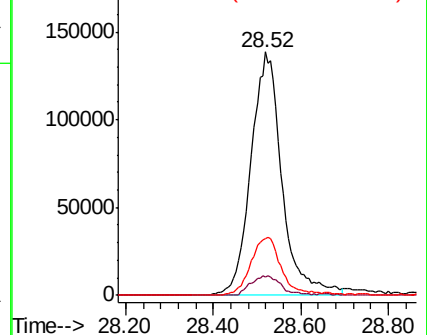
279 23.1 18.4 27.6



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: 50.552 ng

RT: 29.60 min Scan# 4479

Delta R.T. -0.04 min

Lab File: BG036208.D

Acq: 8 Aug 2018 21:51

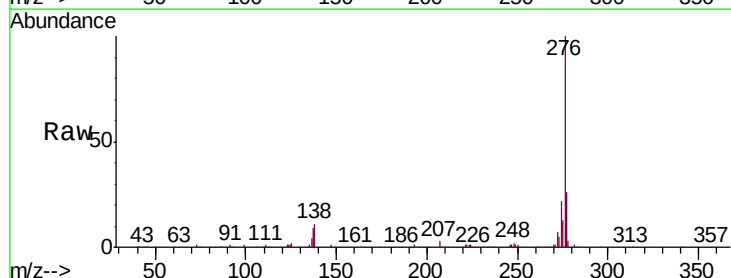
Tgt Ion:276 Resp: 673180

Ion Ratio Lower Upper

276 100

277 25.9 18.3 27.5

138 11.2 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

