

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036676.D
 Acq On : 12 Sep 2018 17:07
 Operator : JU/SJ
 Sample : J4842-18MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMS

Quant Time: Sep 12 18:12:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58089	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	238246	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	157797	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	413393	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	423741	20.00	ng	0.00
86) Perylene-d12	24.89	264	441375	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	354760	96.88	ng	0.00
7) Phenol-d6	7.21	99	446309	85.13	ng	0.00
23) Nitrobenzene-d5	9.22	82	333759	76.01	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	230782	122.57	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	763340	69.07	ng	-0.01
78) Terphenyl-d14	20.03	244	1374400	75.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	54831	32.084	ng	# 91
3) Pyridine	3.93	79	147522	30.753	ng	97
4) n-Nitrosodimethylamine	3.84	42	79875	37.384	ng	96
6) Aniline	7.38	93	101438	15.242	ng	97
8) 2-Chlorophenol	7.62	128	162290	40.867	ng	98
9) Benzaldehyde	7.19	77	86056	23.835	ng	98
10) Phenol	7.24	94	189626	34.561	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	163603	37.612	ng	96
12) 1,3-Dichlorobenzene	7.94	146	170834	37.674	ng	99
13) 1,4-Dichlorobenzene	8.09	146	173349	37.865	ng	100
14) 1,2-Dichlorobenzene	8.41	146	163895	37.486	ng	97
15) Benzyl Alcohol	8.29	79	160875	38.063	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	304791	34.745	ng	98
17) 2-Methylphenol	8.49	107	145426	39.917	ng	99
18) Hexachloroethane	9.14	117	62125	37.849	ng	89
19) n-Nitroso-di-n-propylamine	8.86	70	138340	35.305	ng	93
20) 3+4-Methylphenols	8.82	107	199702	39.262	ng	98
22) Acetophenone	8.88	105	258440	41.309	ng	# 99
24) Nitrobenzene	9.26	77	206955	43.707	ng	97
25) Isophorone	9.78	82	381846	43.774	ng	98
26) 2-Nitrophenol	9.97	139	91966	49.014	ng	96
27) 2,4-Dimethylphenol	10.02	122	161949	46.620	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	223840	41.811	ng	96
29) 2,4-Dichlorophenol	10.50	162	180701	47.464	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	185996	41.762	ng	99
31) Naphthalene	10.91	128	524016	43.999	ng	99
32) Benzoic acid	10.14	122	63117	26.699	ng	97
33) 4-Chloroaniline	11.01	127	22976	4.210	ng	96
34) Hexachlorobutadiene	11.19	225	124043	41.453	ng	99
35) Caprolactam	11.78	113	49703	32.772	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	199977	45.206	ng	99
37) 2-Methylnaphthalene	12.51	142	410556	47.113	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	232186	41.579	ng	98
40) Hexachlorocyclopentadiene	12.85	237	253119	87.117	ng	99

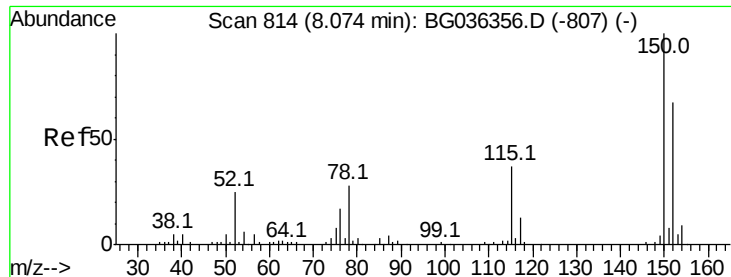
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	157545	46.314	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	171068	47.149	ng	97
45) 1,1'-Biphenyl	13.51	154	525597	40.127	ng	98
46) 2-Chloronaphthalene	13.55	162	417029	41.705	ng	98
47) 2-Nitroaniline	13.75	65	149442	47.592	ng	98
48) Acenaphthylene	14.40	152	693699	44.389	ng	98
49) Dimethylphthalate	14.13	163	562388	43.647	ng	99
50) 2,6-Dinitrotoluene	14.25	165	124726	47.042	ng	92
51) Acenaphthene	14.74	154	441346	44.097	ng	98
52) 3-Nitroaniline	14.58	138	57721	20.202	ng	98
53) 2,4-Dinitrophenol	14.78	184	50426	50.211	ng	98
54) Dibenzofuran	15.07	168	673494	42.952	ng	99
55) 4-Nitrophenol	14.88	139	154432	66.106	ng	100
56) 2,4-Dinitrotoluene	15.03	165	177197	51.279	ng	# 90
57) Fluorene	15.73	166	542403	46.273	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	167742	49.207	ng	97
59) Diethylphthalate	15.49	149	558101	42.979	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	310213	42.858	ng	99
61) 4-Nitroaniline	15.74	138	137424	45.963	ng	92
62) Azobenzene	16.01	77	551635	41.752	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	65077	35.836	ng	97
65) n-Nitrosodiphenylamine	15.93	169	498349	40.571	ng	96
66) 4-Bromophenyl-phenylether	16.61	248	210239	43.438	ng	98
67) Hexachlorobenzene	16.73	284	210818	42.598	ng	97
68) Atrazine	16.88	200	218226	47.332	ng	98
69) Pentachlorophenol	17.07	266	213853	63.579	ng	99
70) Phenanthrene	17.47	178	932036	44.371	ng	98
71) Anthracene	17.55	178	948312	45.289	ng	98
72) Carbazole	17.82	167	841661	40.249	ng	100
73) Di-n-butylphthalate	18.38	149	967291	41.539	ng	99
74) Fluoranthene	19.47	202	1150171	44.910	ng	98
76) Benzidine	19.65	184	103158	7.630	ng	98
77) Pyrene	19.83	202	1156040	44.365	ng	99
79) Butylbenzylphthalate	20.71	149	454492	43.827	ng	92
80) Benzo(a)anthracene	21.67	228	1154330	44.966	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	164316	16.061	ng	98
82) Chrysene	21.74	228	1076003	44.221	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	621143	42.803	ng	100
84) Di-n-octyl phthalate	22.78	149	1043632	43.056	ng	96
85) Indeno(1,2,3-cd)pyrene	28.54	276	1074451	38.018	ng	# 95
87) Benzo(b)fluoranthene	23.88	252	1144791	46.708	ng	98
88) Benzo(k)fluoranthene	23.95	252	1100939	45.978	ng	98
89) Benzo(a)pyrene	24.75	252	1103031	46.834	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	866520	38.111	ng	98
91) Benzo(g,h,i)perylene	29.68	276	942707	41.258	ng	98

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

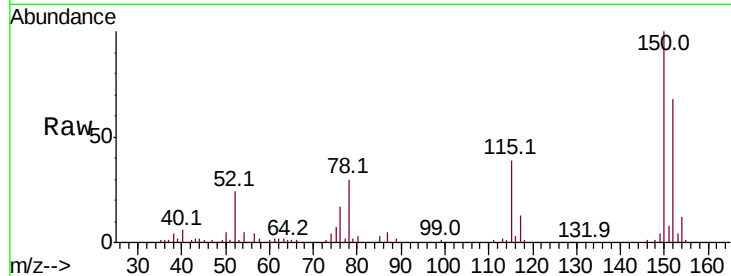


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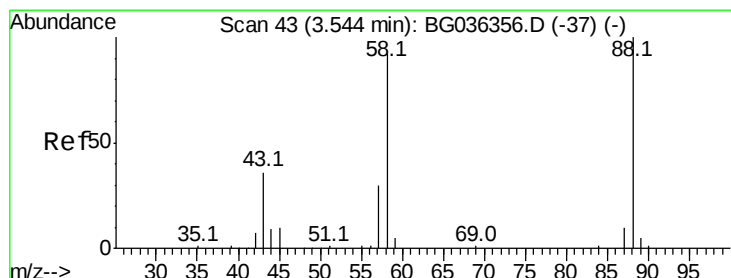
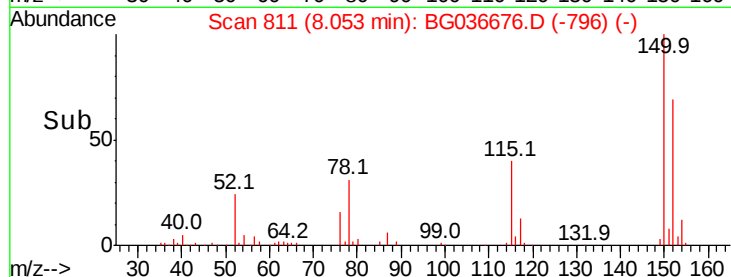
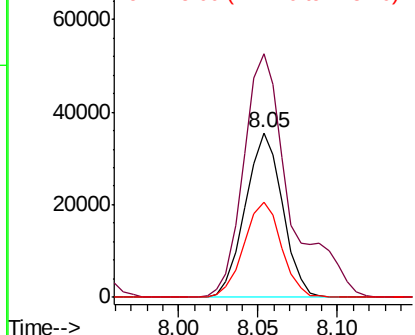
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	57.9	44.5	66.7



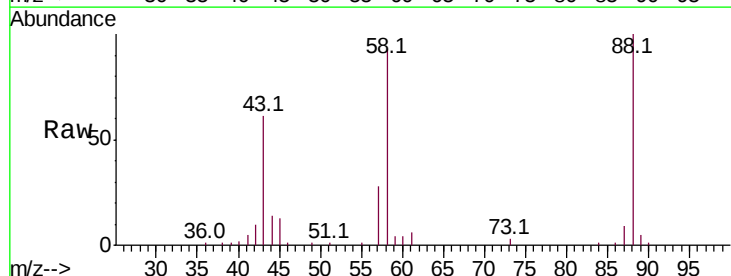
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



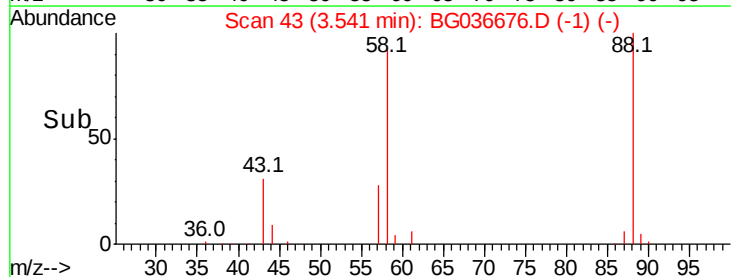
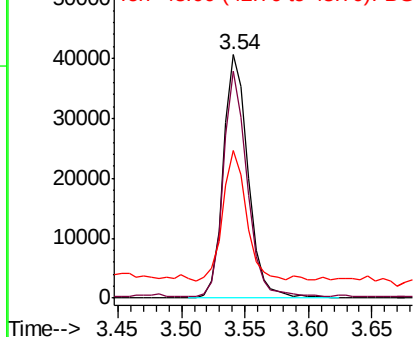
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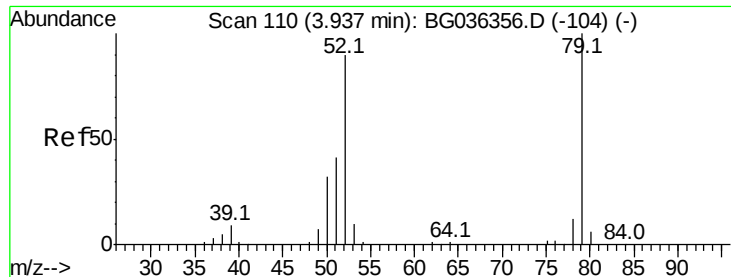
1,4-Dioxane
Concen: 32.084 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.00 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	72.6	109.0
43	50.6	29.0	43.4#



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





#3

Pvridine

Concen: 30.753 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

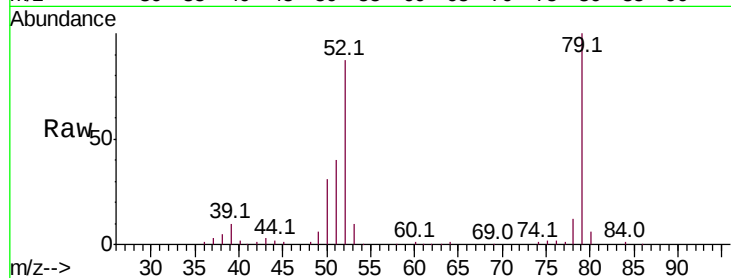
Tot Ion: 79 Resp: 147522

Ion Ratio Lower Upper

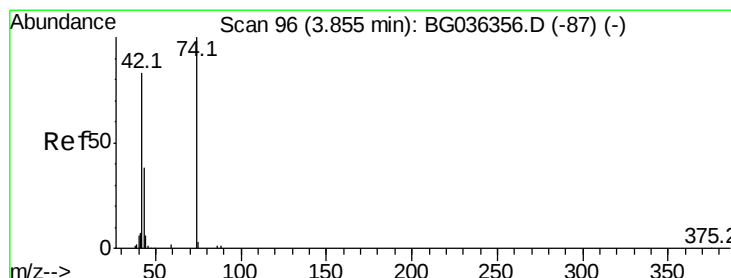
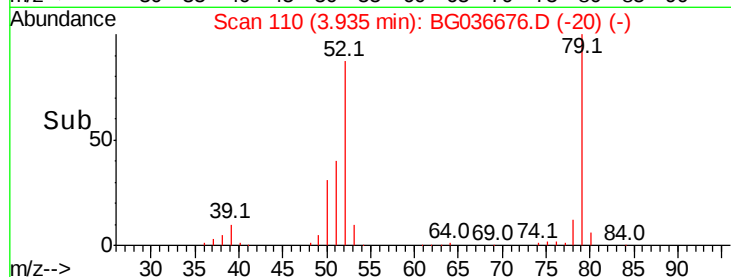
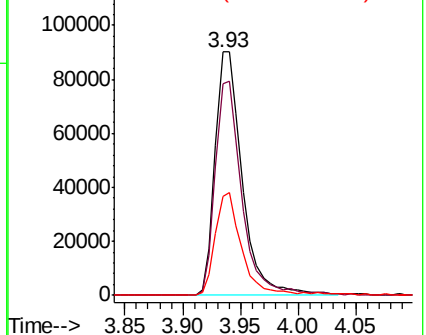
79 100

52 87.2 72.3 108.5

51 40.5 33.8 50.6



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: 37.384 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

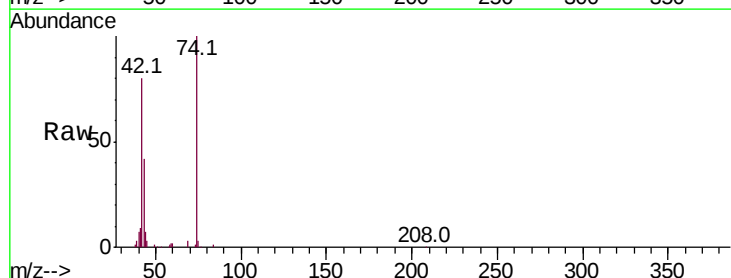
Tgt Ion: 42 Resp: 79875

Ion Ratio Lower Upper

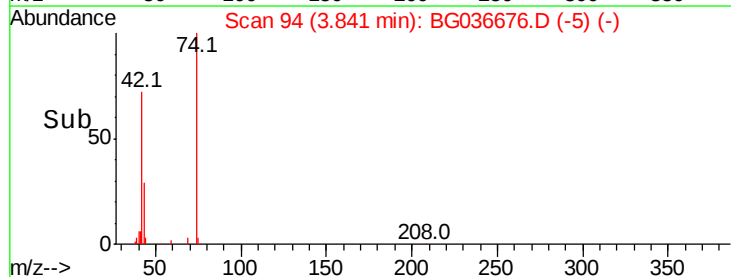
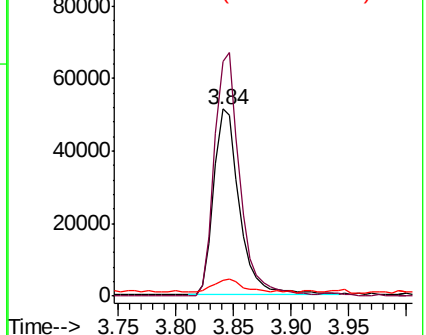
42 100

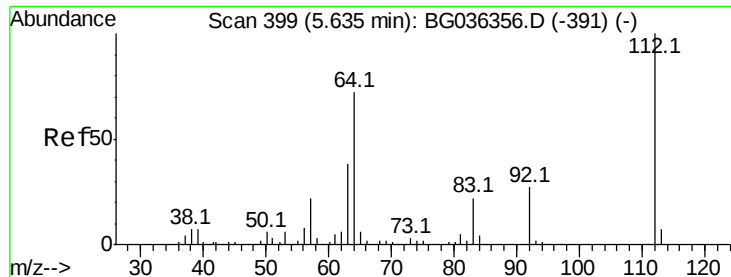
74 125.6 96.6 145.0

44 8.6 7.0 10.4



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: 96.878 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

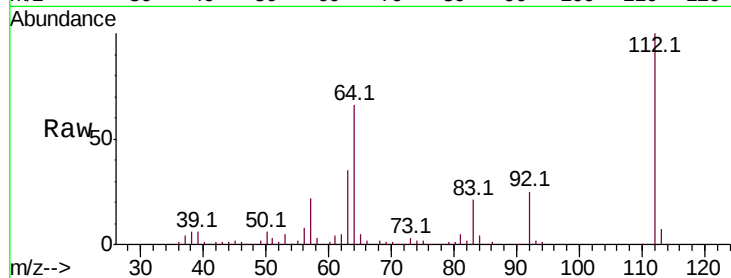
Tot Ion:112 Resp: 354760

Ion Ratio Lower Upper

112 100

64 66.2 57.2 85.8

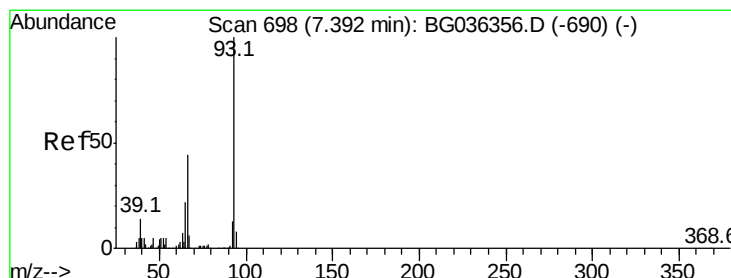
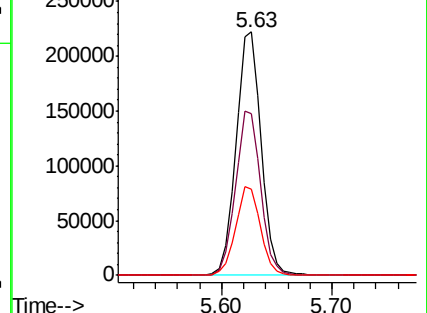
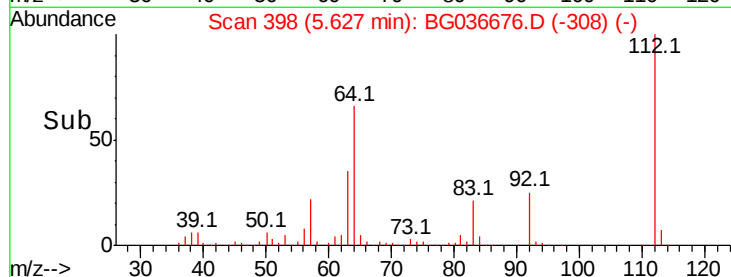
63 35.2 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.242 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

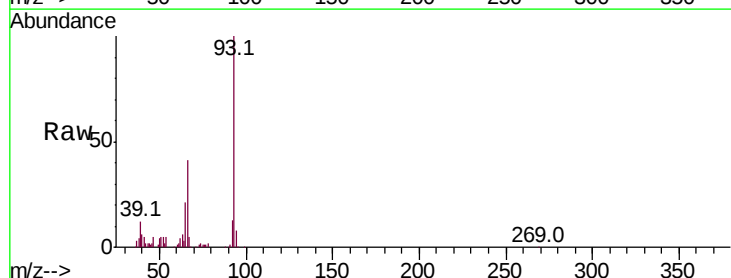
Tgt Ion: 93 Resp: 101438

Ion Ratio Lower Upper

93 100

66 41.4 35.0 52.4

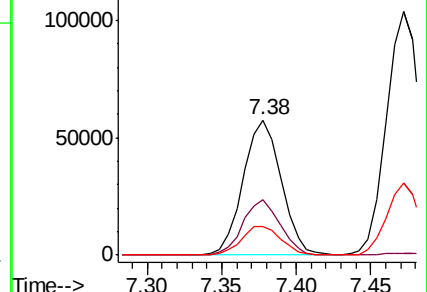
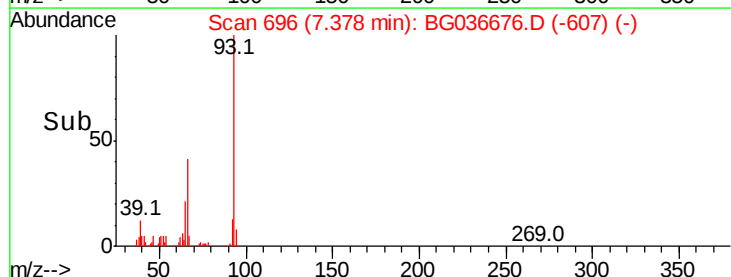
65 21.3 17.6 26.4

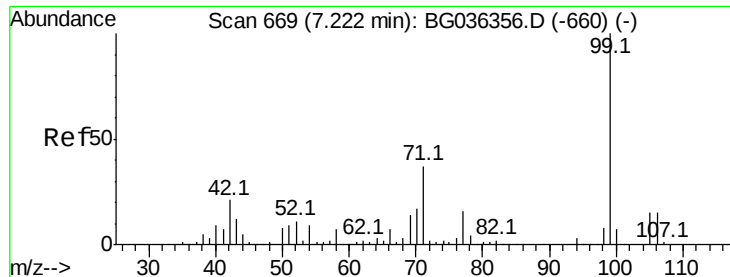


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.125 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

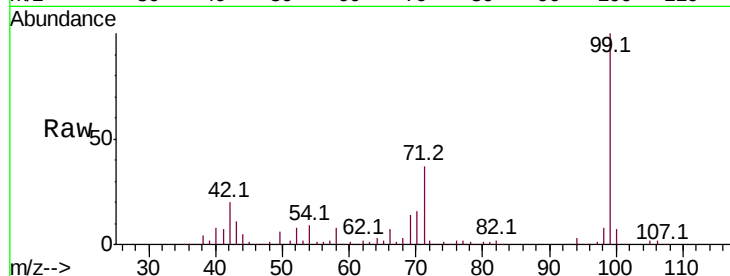
Tot Ion: 99 Resp: 446309

Ion Ratio Lower Upper

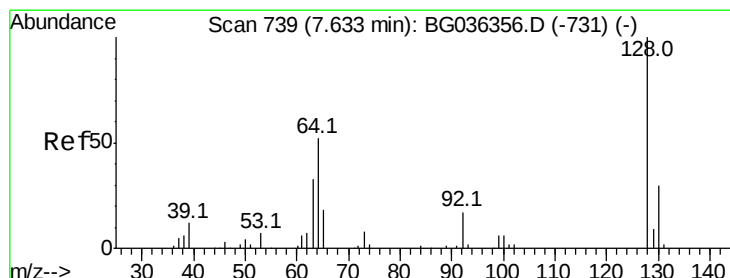
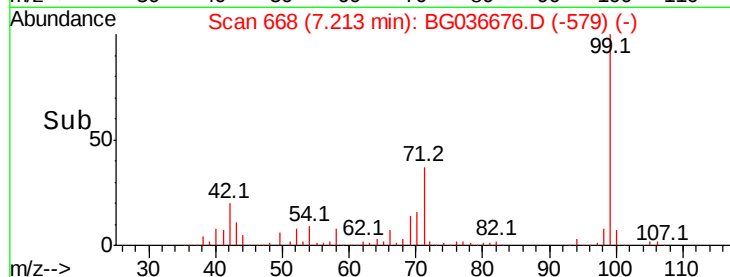
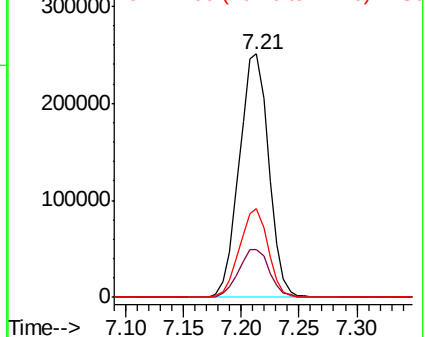
99 100

42 19.6 16.5 24.7

71 36.6 29.4 44.2



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: 40.867 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

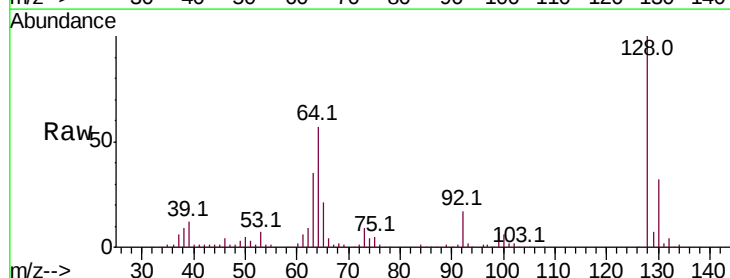
Tgt Ion: 128 Resp: 162290

Ion Ratio Lower Upper

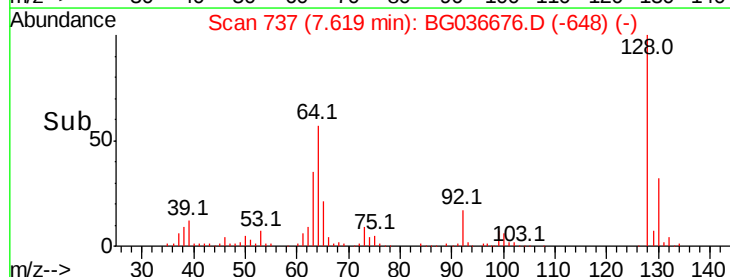
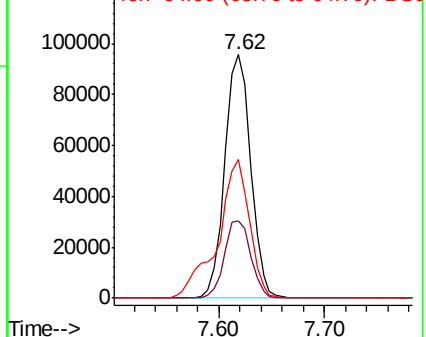
128 100

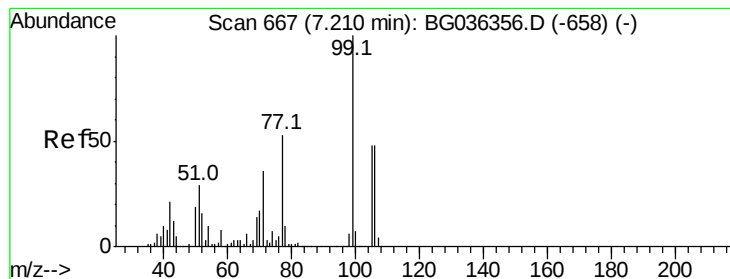
130 31.9 10.0 50.0

64 56.7 36.0 76.0



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





#9

Benzaldehyde

Concen: 23.835 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

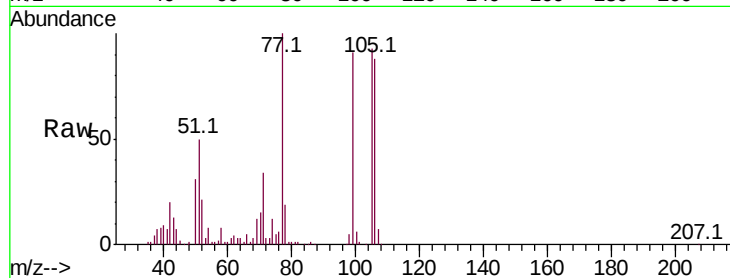
Tot Ion: 77 Resp: 86056

Ion Ratio Lower Upper

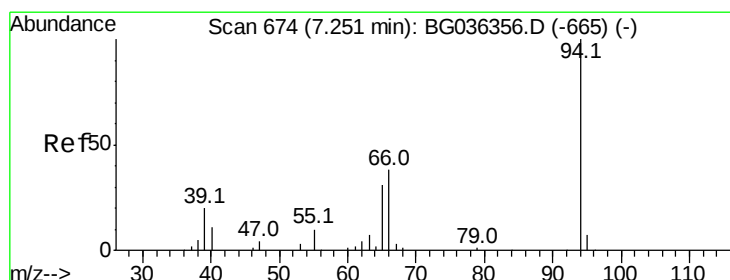
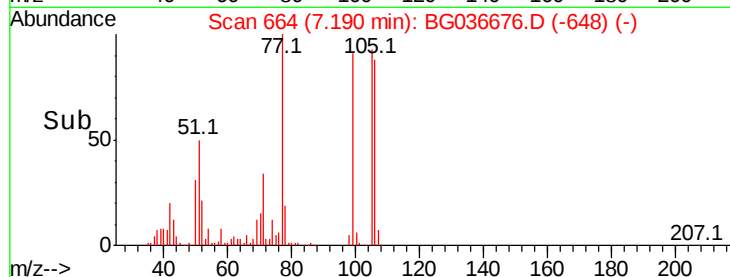
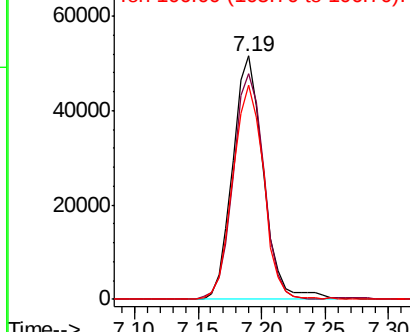
77 100

105 92.6 70.5 110.5

106 87.7 69.8 109.8



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: 34.561 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

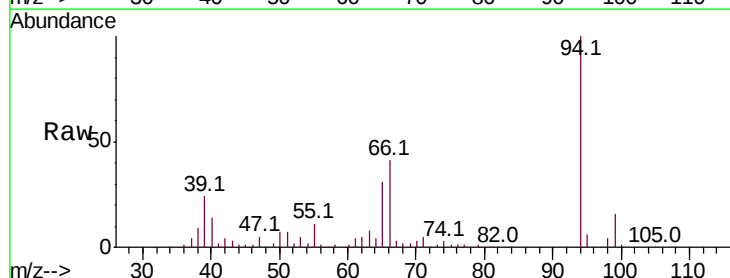
Tgt Ion: 94 Resp: 189626

Ion Ratio Lower Upper

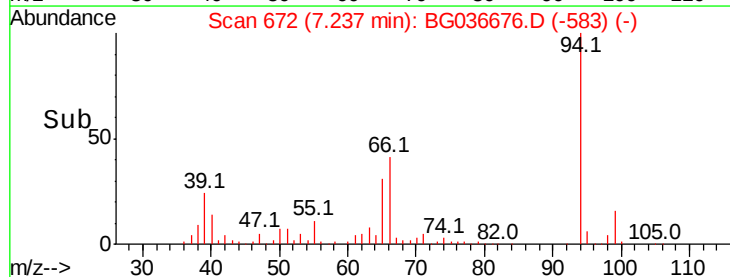
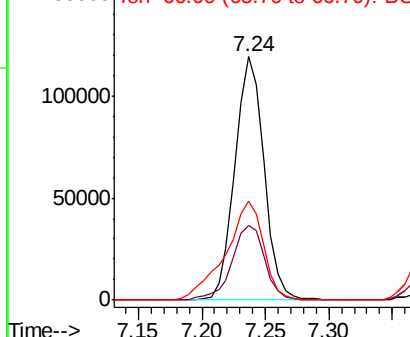
94 100

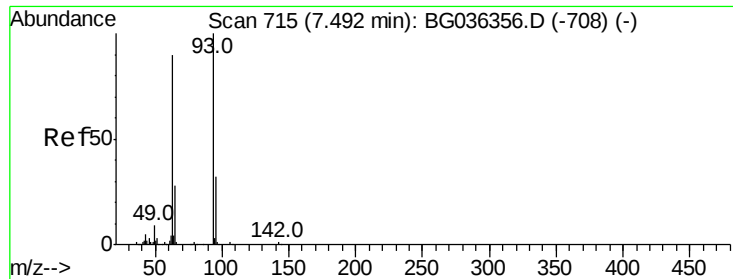
65 30.7 11.5 51.5

66 40.8 19.5 59.5



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

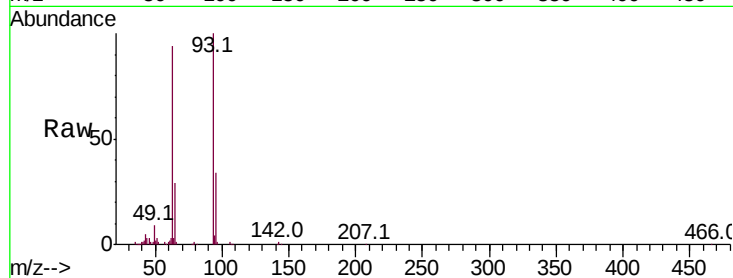




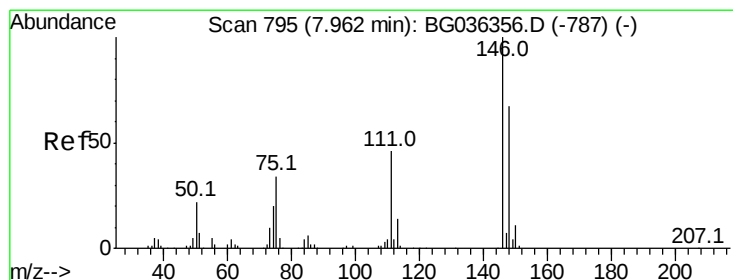
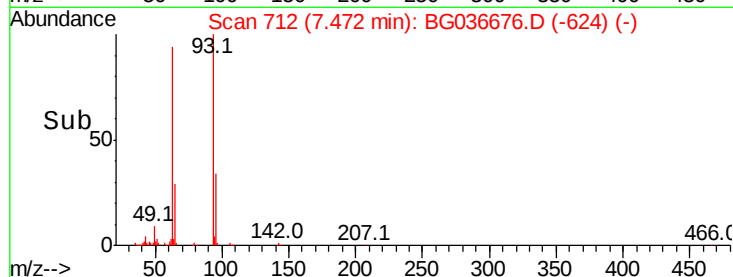
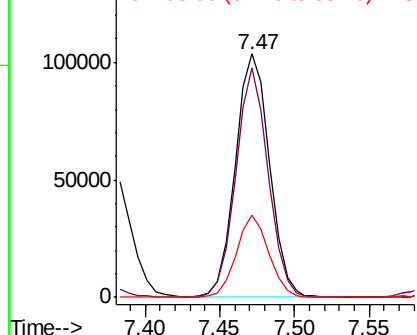
#11
bis(2-Chloroethyl)ether
Concen: 37.612 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

Tot Ion: 93 Resp: 163603
Ion Ratio Lower Upper
93 100
63 94.1 69.9 109.9
95 33.8 11.7 51.7

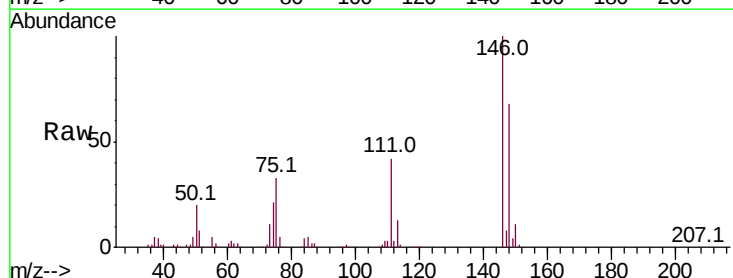


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

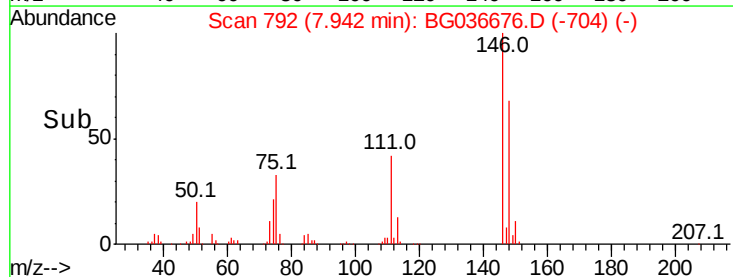
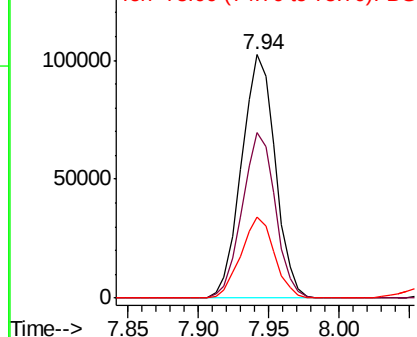


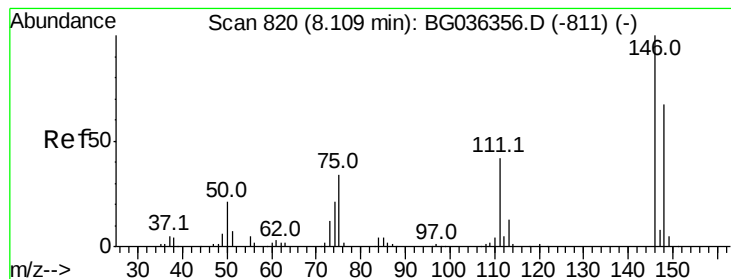
#12
1,3-Dichlorobenzene
Concen: 37.674 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion: 146 Resp: 170834
Ion Ratio Lower Upper
146 100
148 67.9 53.8 80.6
75 33.2 27.2 40.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 37.865 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

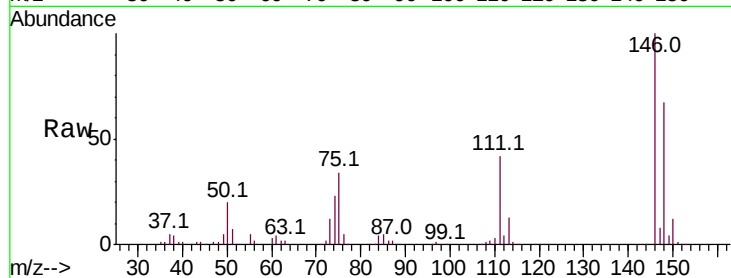
Tot Ion:146 Resp: 173349

Ion Ratio Lower Upper

146 100

148 67.3 53.9 80.9

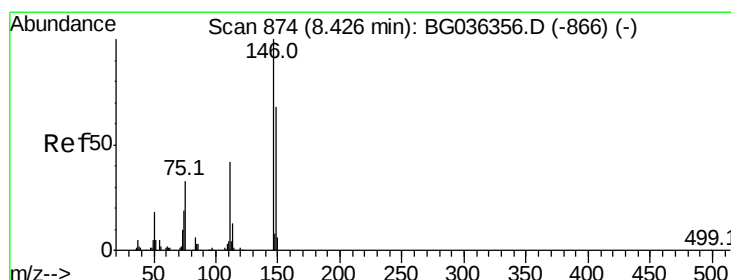
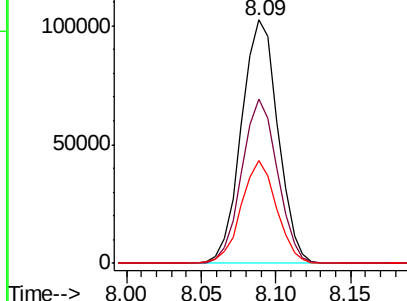
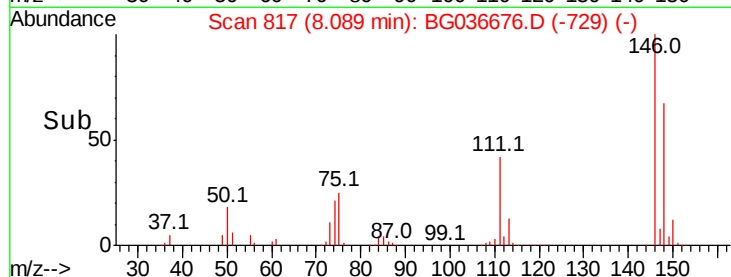
111 42.0 33.8 50.6



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: 37.486 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

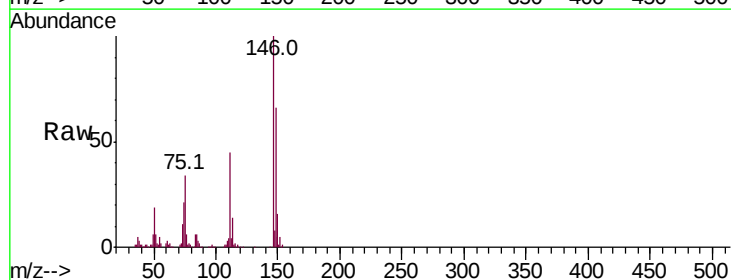
Tgt Ion:146 Resp: 163895

Ion Ratio Lower Upper

146 100

148 66.2 55.0 82.6

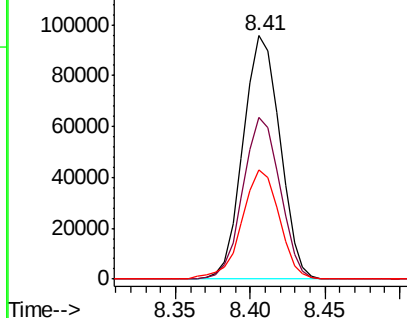
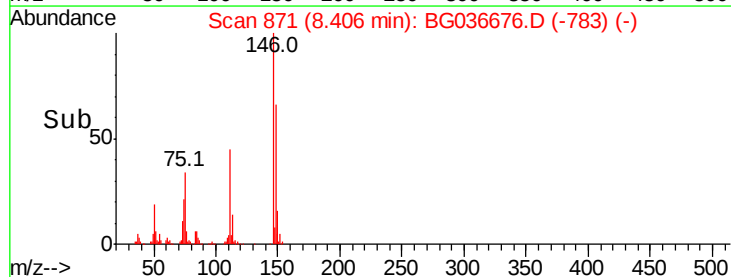
111 45.0 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 38.063 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

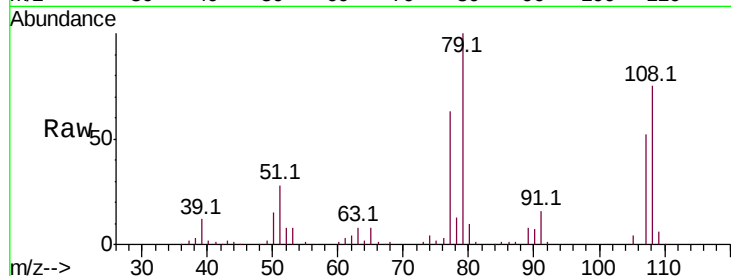
Tot Ion: 79 Resp: 160875

Ion Ratio Lower Upper

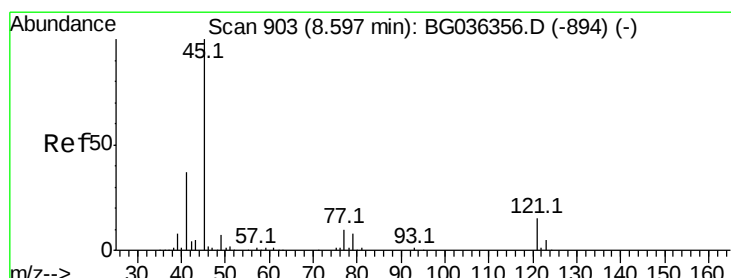
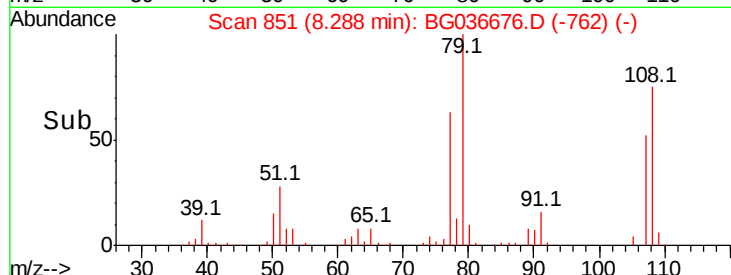
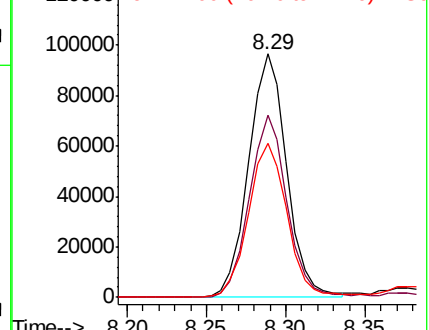
79 100

108 75.0 55.9 83.9

77 63.2 50.0 75.0



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: 34.745 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

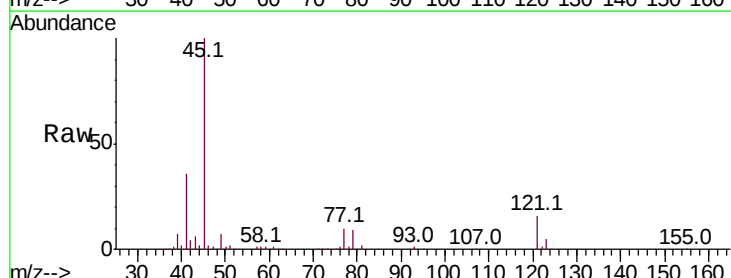
Tgt Ion: 45 Resp: 304791

Ion Ratio Lower Upper

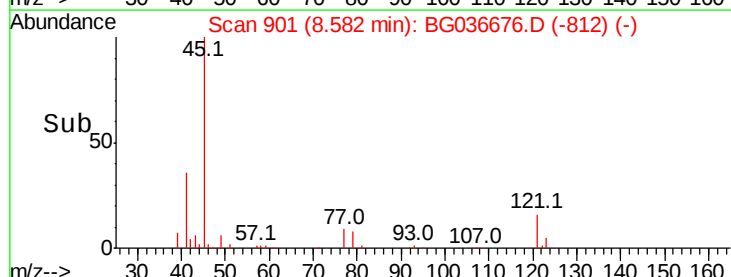
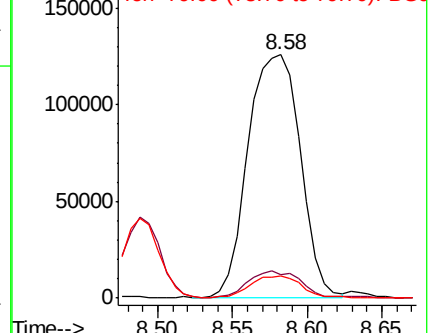
45 100

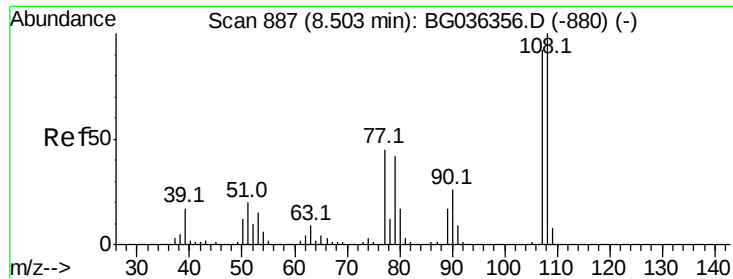
77 9.7 0.0 30.5

79 8.9 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

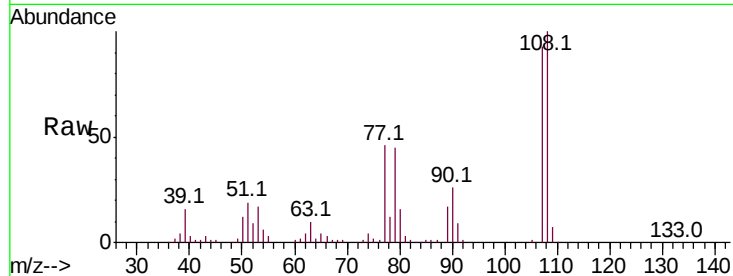




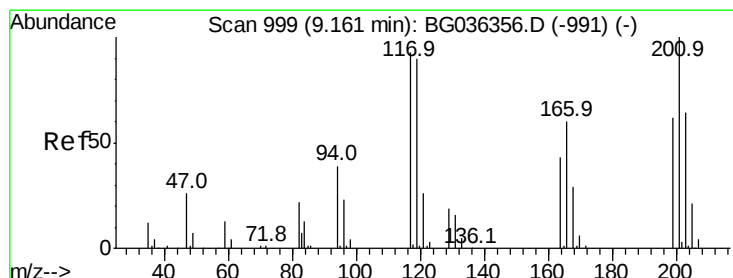
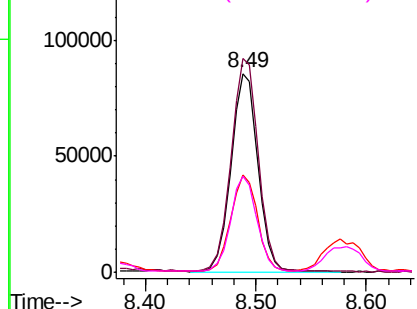
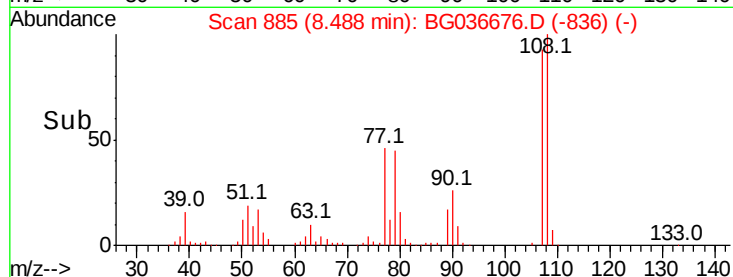
#17
2-Methylphenol
Concen: 39.917 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

Tot Ion:107 Resp: 145426
Ion Ratio Lower Upper
107 100
108 107.6 86.7 130.1
77 49.1 39.0 58.4
79 48.2 36.6 54.8

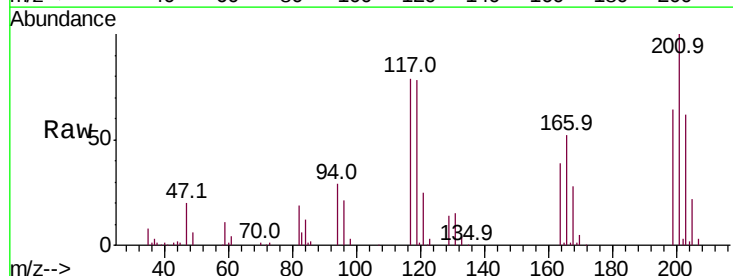


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

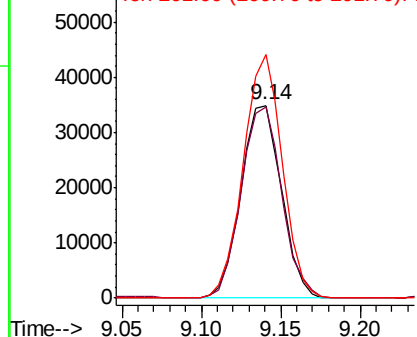
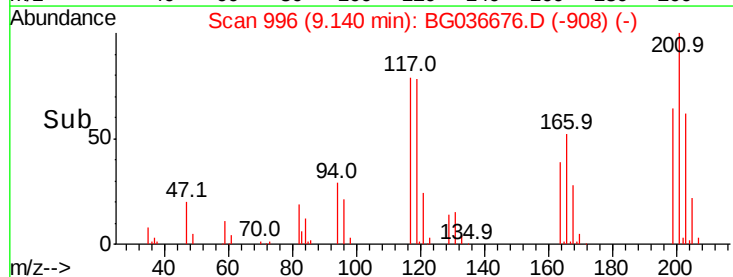


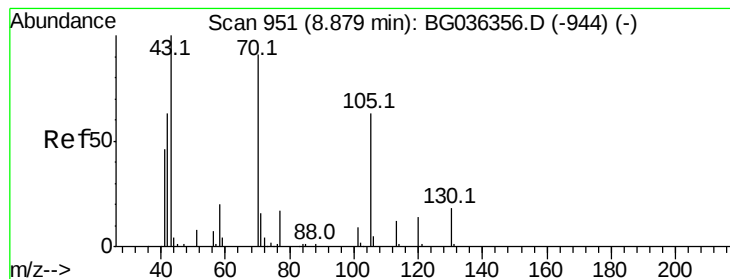
#18
Hexachloroethane
Concen: 37.849 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion:117 Resp: 62125
Ion Ratio Lower Upper
117 100
119 98.9 76.8 115.2
201 126.4 85.7 128.5



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: 35.305 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

Tot Ion: 70 Resp: 138340

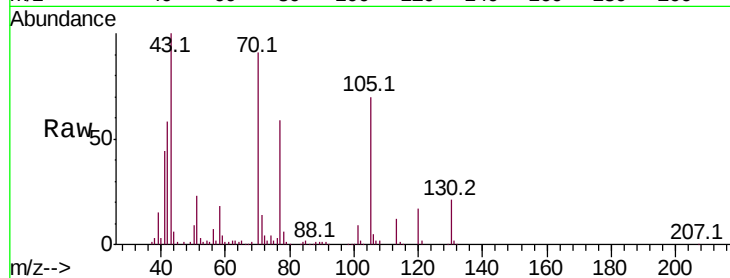
Ion Ratio Lower Upper

70 100

42 63.0 56.2 84.4

101 9.5 7.8 11.6

130 22.5 16.2 24.2

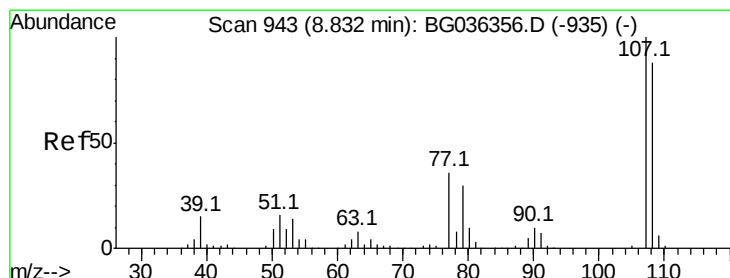
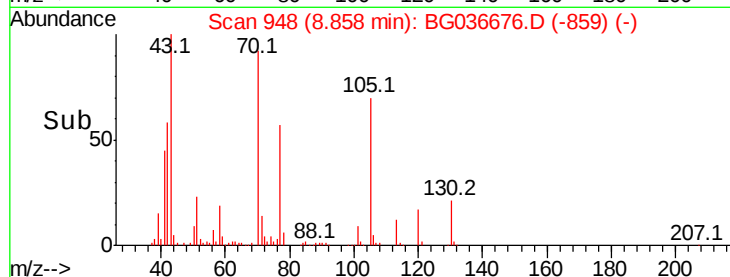
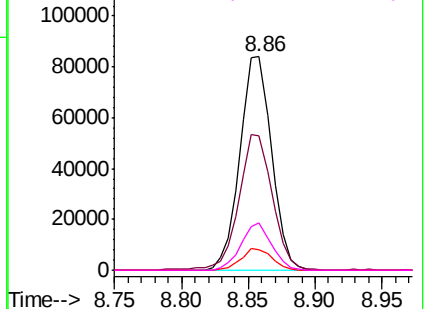


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.262 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Tgt Ion:107 Resp: 199702

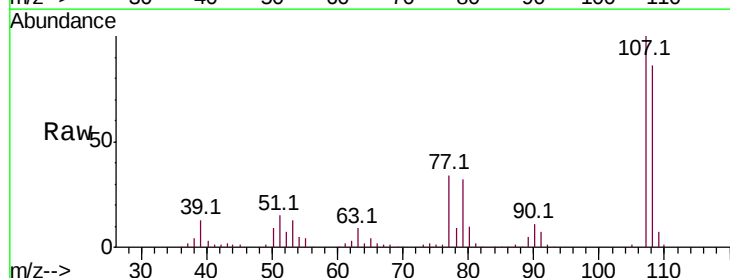
Ion Ratio Lower Upper

107 100

108 86.2 68.0 108.0

77 34.0 15.6 55.6

79 31.8 9.9 49.9

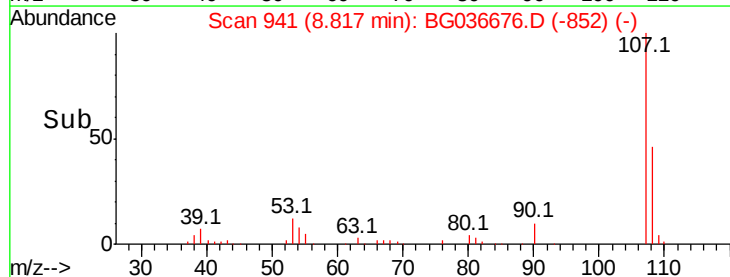
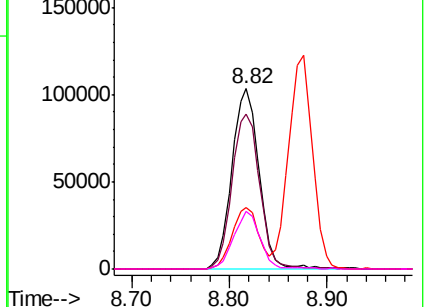


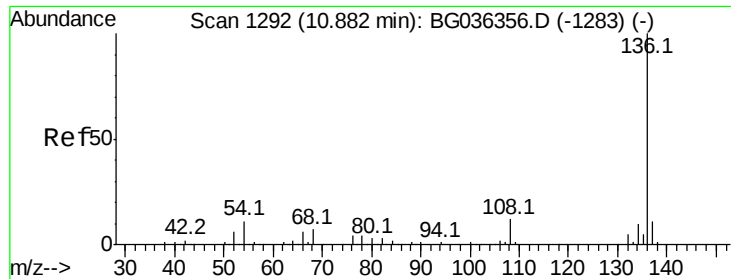
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

Tot Ion:136 Resp: 238246

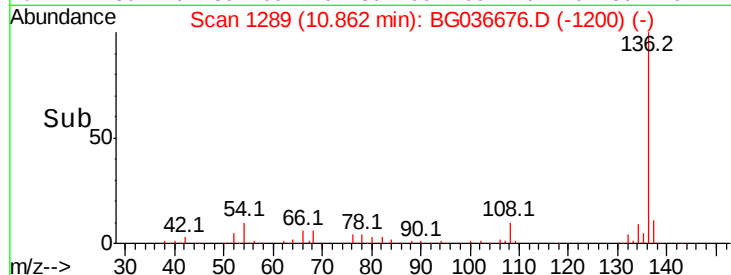
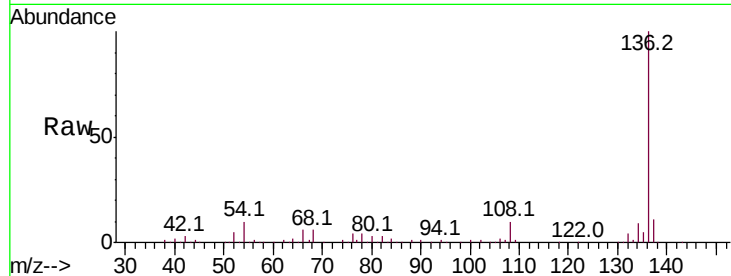
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.2 9.2 13.8

68 6.2 5.8 8.6

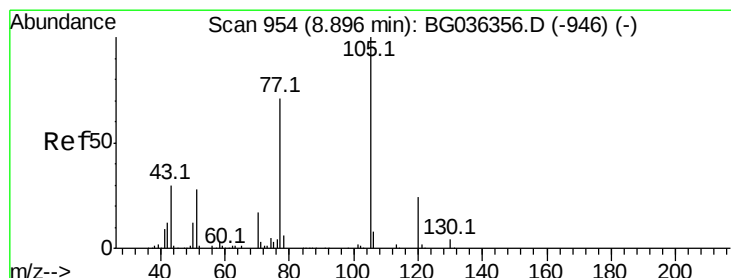
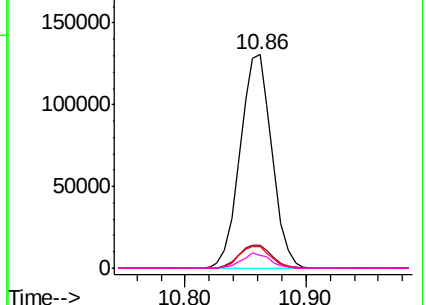


Abundance Ion 136.00 (135.70 to 136.70): E

200000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.309 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Tgt Ion:105 Resp: 258440

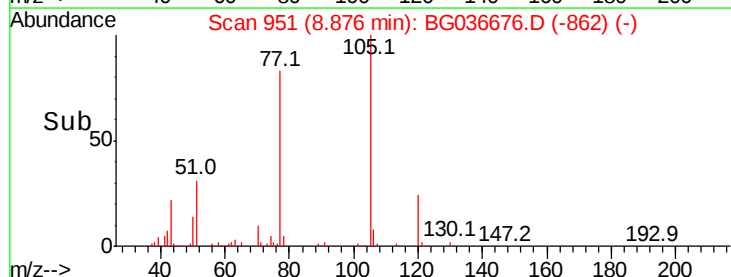
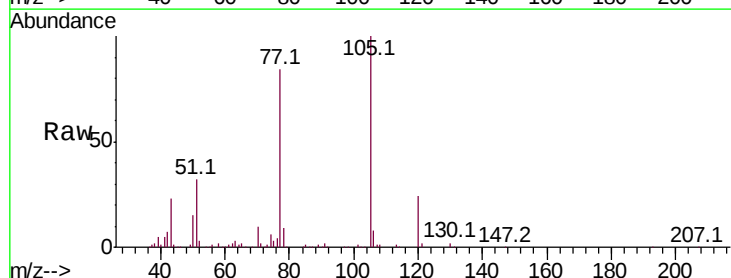
Ion Ratio Lower Upper

105 100

71 1.9 2.4 3.6#

51 31.7 25.9 38.9

120 23.8 19.4 29.0

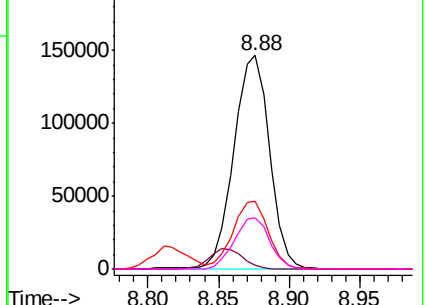


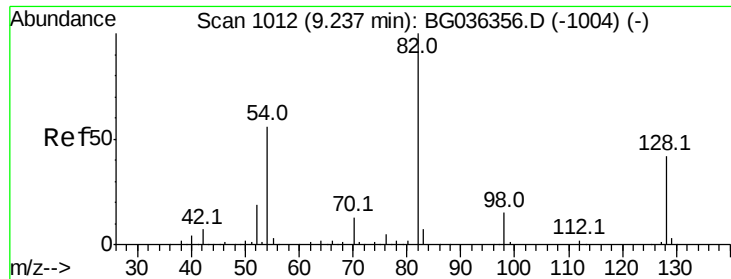
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

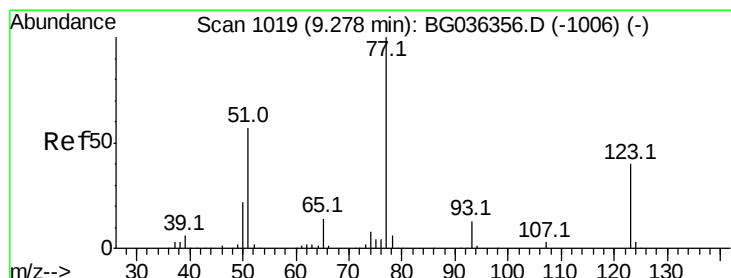
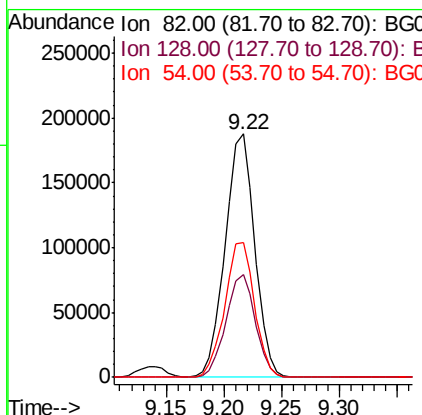
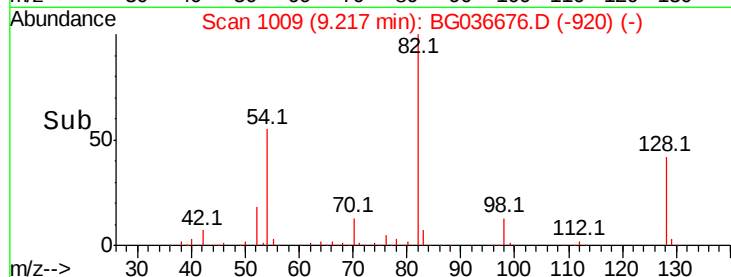
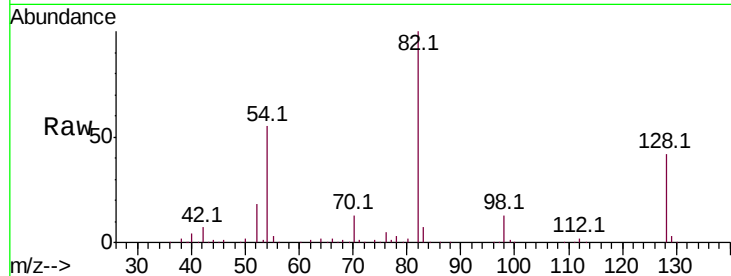




#23
Nitrobenzene-d5
Concen: 76.008 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

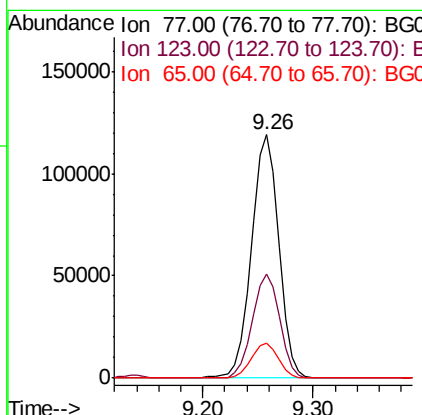
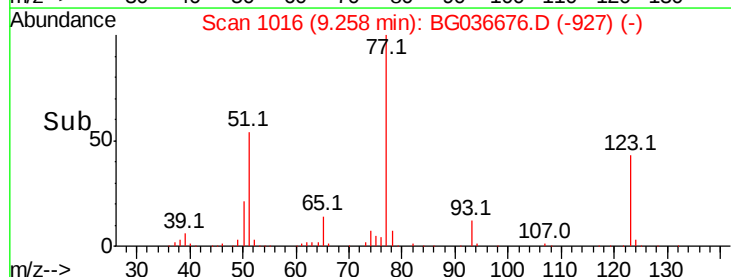
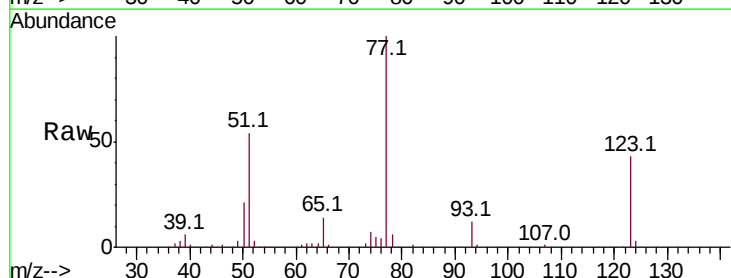
Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

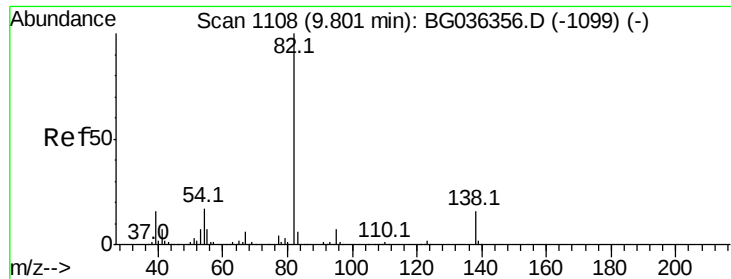
Tot Ion: 82 Resp: 333759
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 55.5 45.1 67.7



#24
Nitrobenzene
Concen: 43.707 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion: 77 Resp: 206955
Ion Ratio Lower Upper
77 100
123 42.7 32.4 48.6
65 14.3 11.5 17.3





#25

Isophorone

Concen: 43.774 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

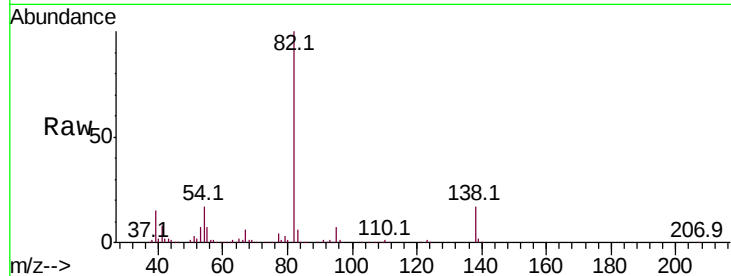
Tot Ion: 82 Resp: 381846

Ion Ratio Lower Upper

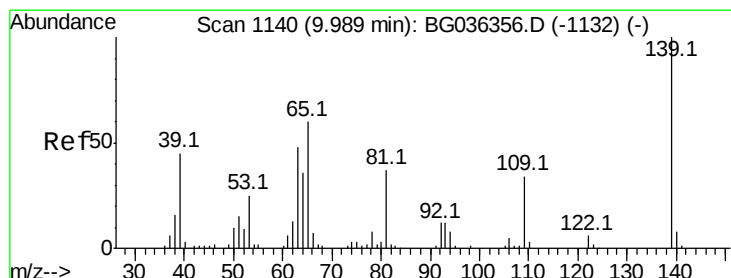
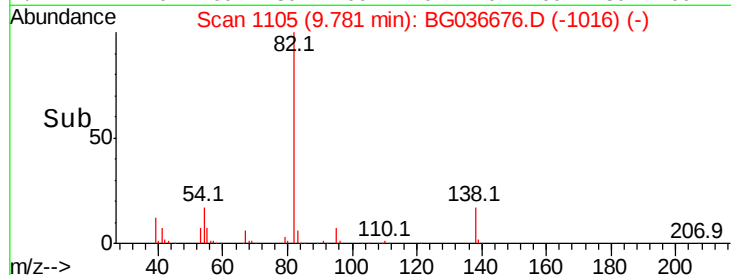
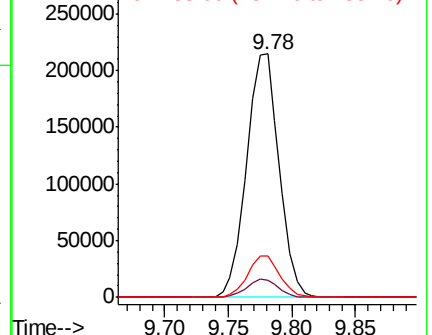
82 100

95 6.9 5.8 8.8

138 17.2 12.9 19.3



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: 49.014 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

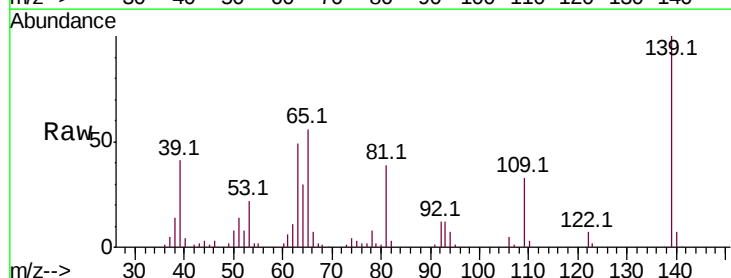
Tgt Ion: 139 Resp: 91966

Ion Ratio Lower Upper

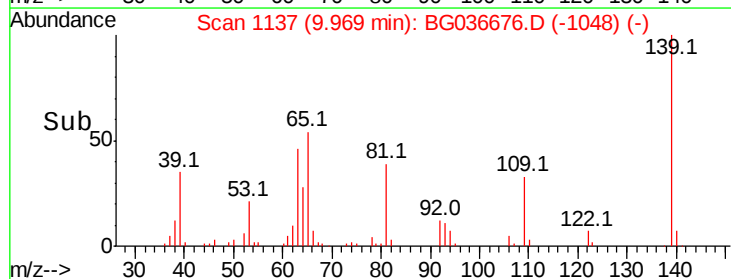
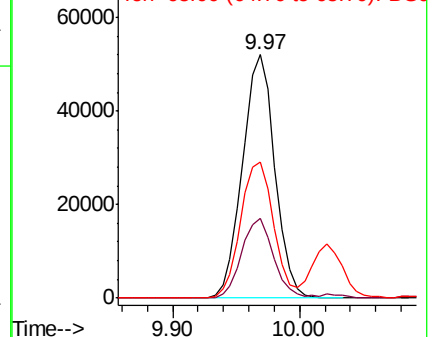
139 100

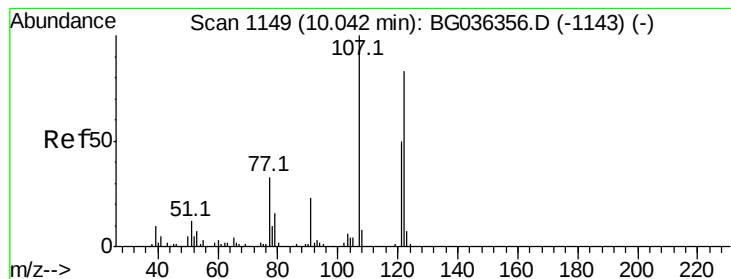
109 32.6 27.4 41.0

65 56.1 47.8 71.6



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: 46.620 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

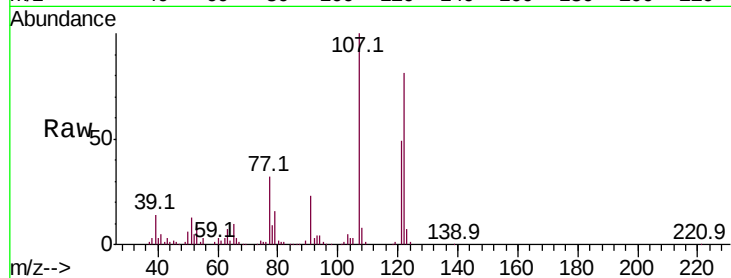
Tot Ion:122 Resp: 161949

Ion Ratio Lower Upper

122 100

107 124.0 96.0 144.0

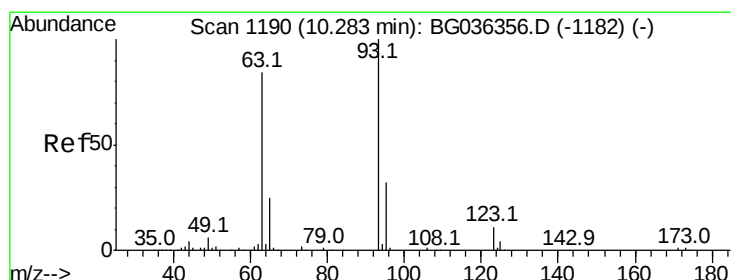
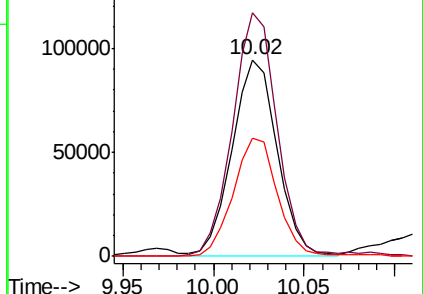
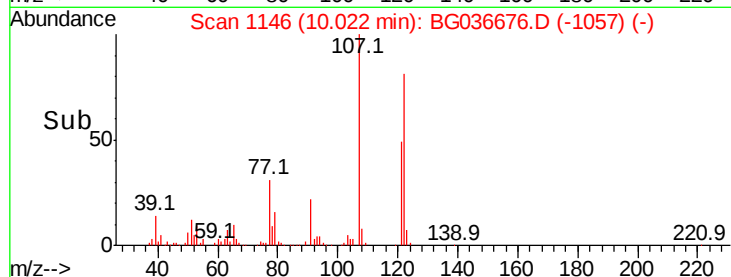
121 60.2 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.811 ng

RT: 10.26 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

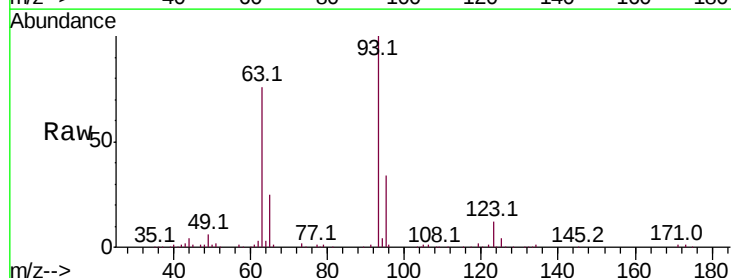
Tgt Ion: 93 Resp: 223840

Ion Ratio Lower Upper

93 100

95 33.5 25.2 37.8

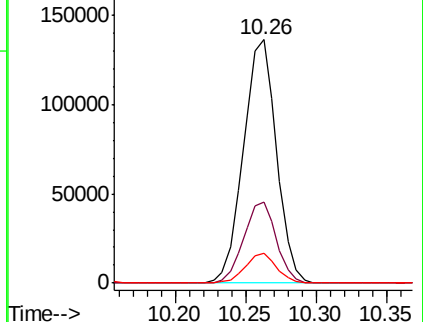
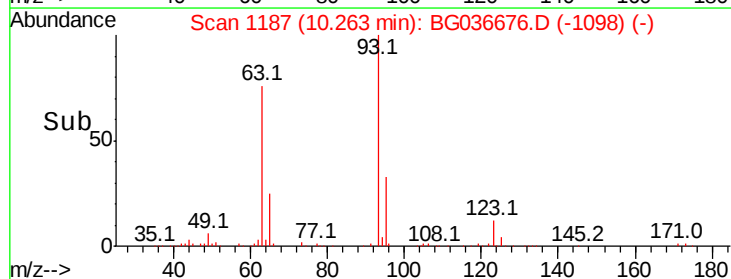
123 12.0 8.6 12.8

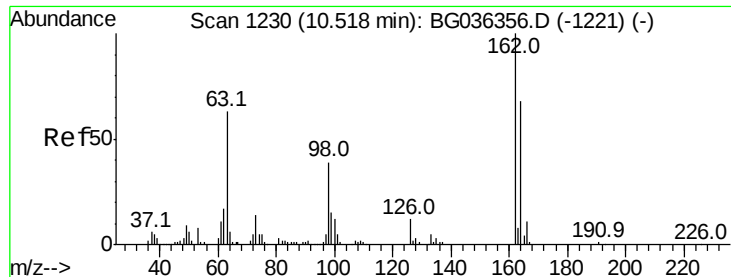


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

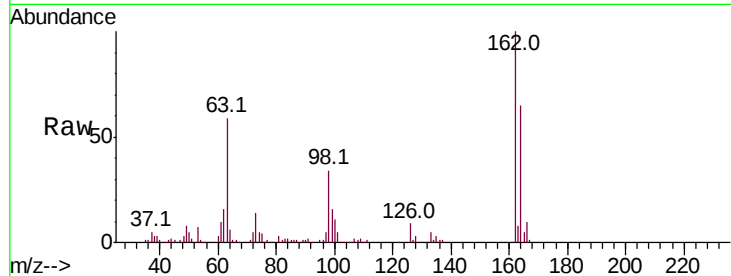




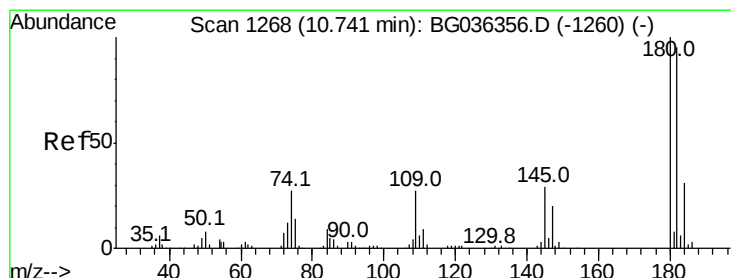
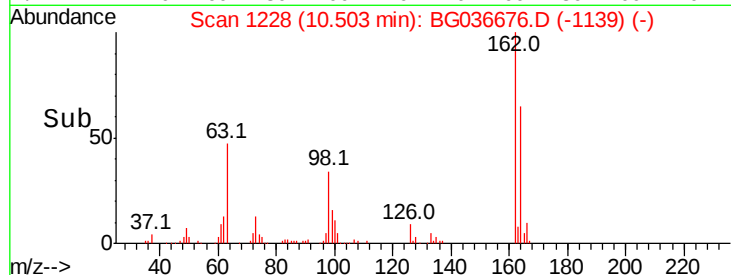
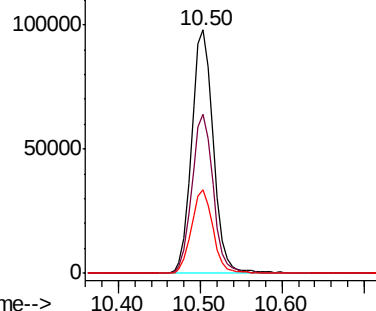
#29
 2,4-Dichlorophenol
 Concen: 47.464 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Instrument :
 BNA_G
 ClientSampled :
 SG-SOILMS

Tot Ion:162 Resp: 180701
 Ion Ratio Lower Upper
 162 100
 164 65.2 47.6 87.6
 98 34.5 19.2 59.2

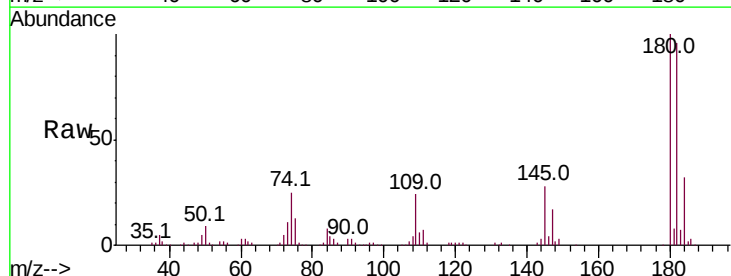


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

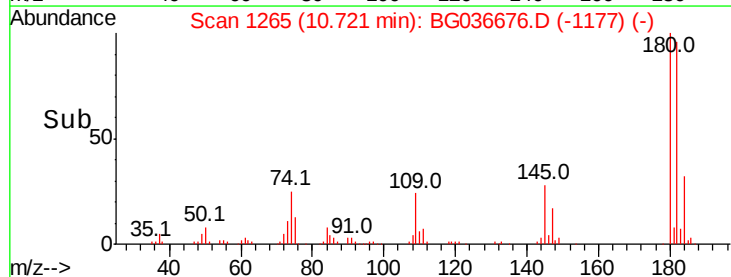
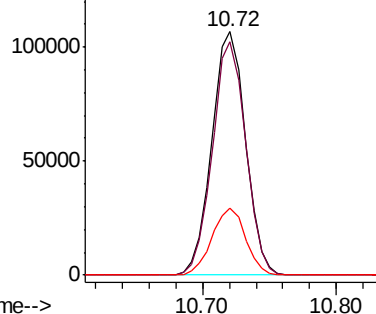


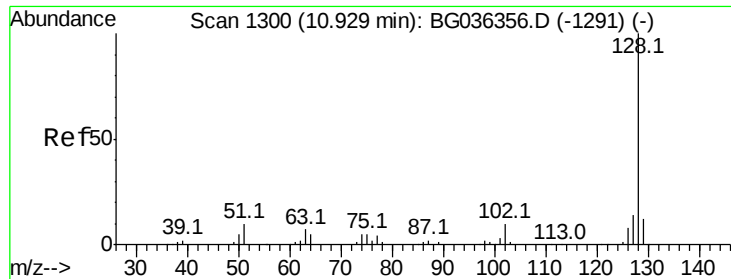
#30
 1,2,4-Trichlorobenzene
 Concen: 41.762 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Tgt Ion:180 Resp: 185996
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.0 114.0
 145 27.6 22.9 34.3



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

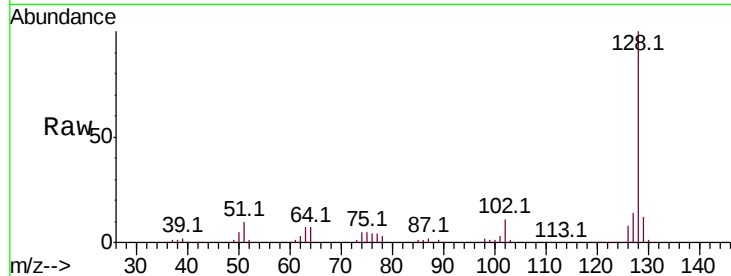




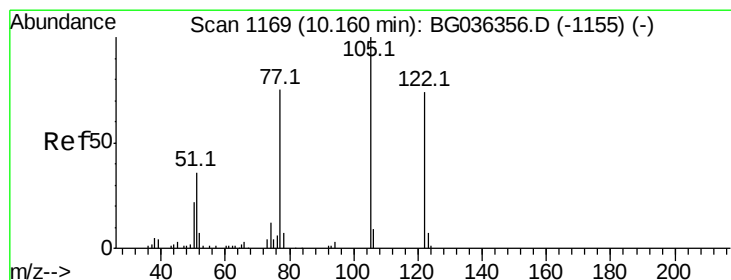
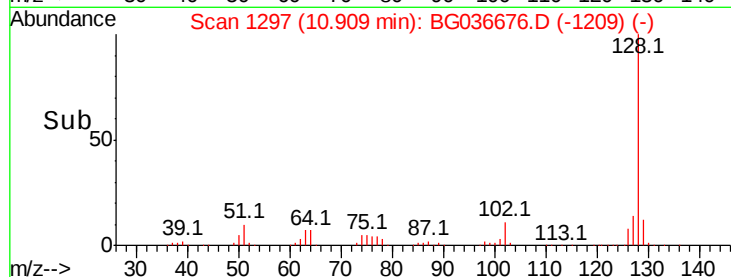
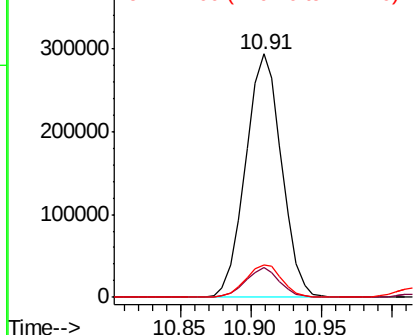
#31
Naphthalene
Concen: 43.999 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

Tot Ion:128 Resp: 524016
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.2
127 13.5 11.0 16.4

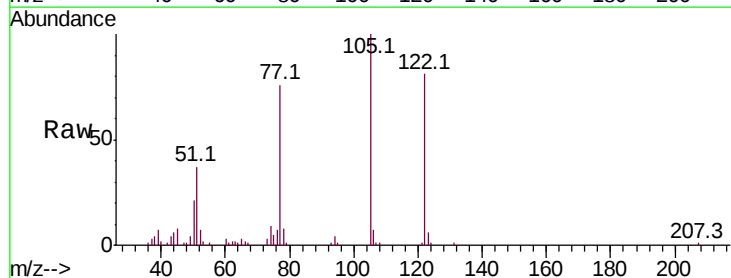


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

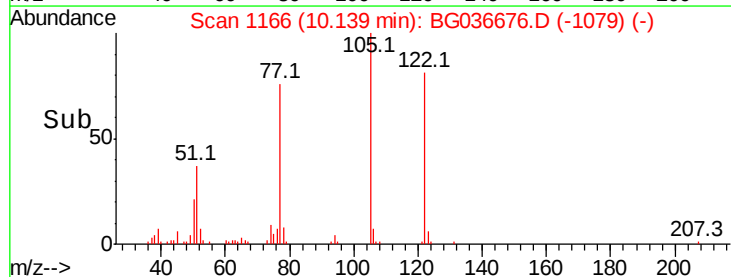
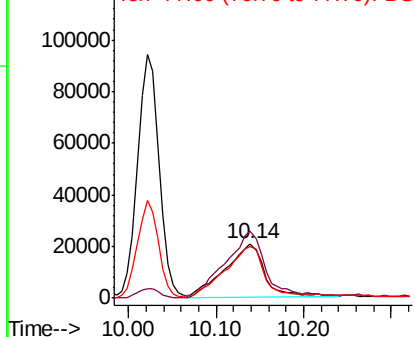


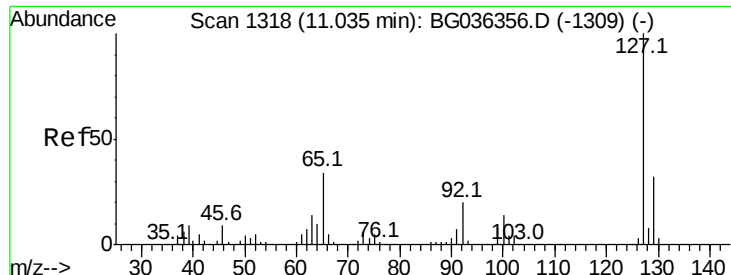
#32
Benzoic acid
Concen: 26.699 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion:122 Resp: 63117
Ion Ratio Lower Upper
122 100
105 124.0 108.1 148.1
77 94.4 76.3 116.3



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

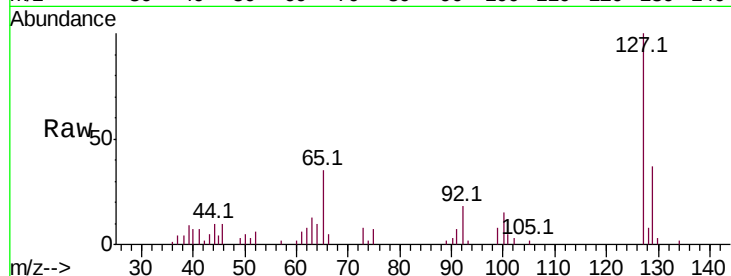




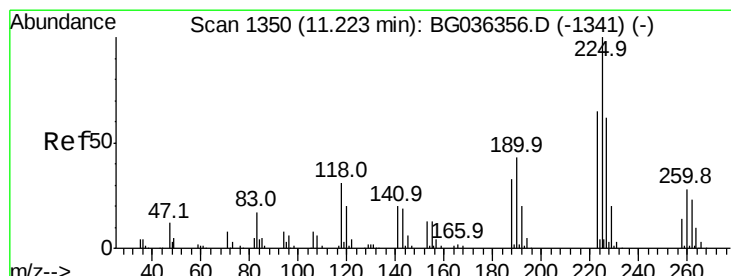
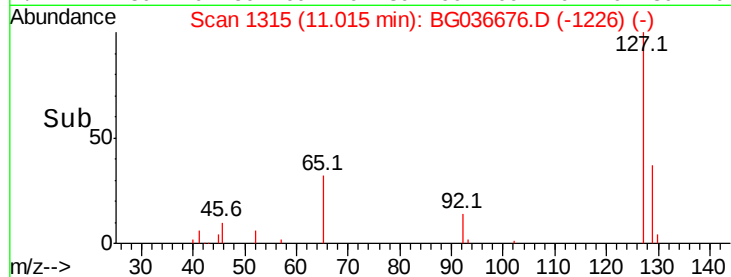
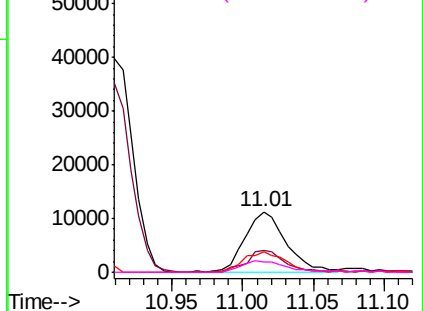
#33
4-Chloroaniline
Concen: 4.210 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

Tot Ion:127	Resp:	22976	
Ion Ratio	Lower	Upper	
127 100			
129 37.2	25.9	38.9	
65 34.7	27.5	41.3	
92 18.1	16.2	24.2	

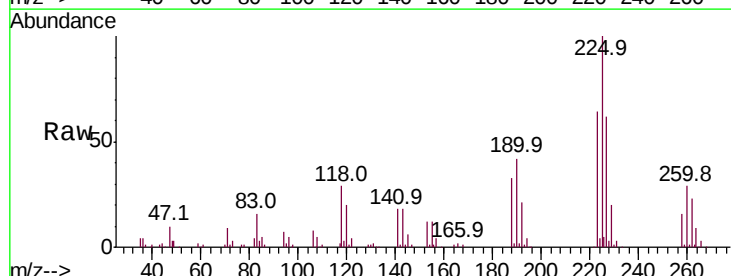


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

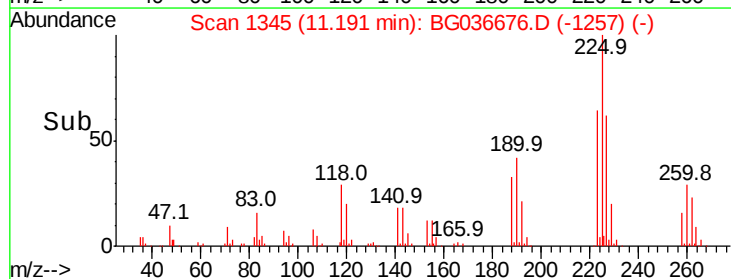
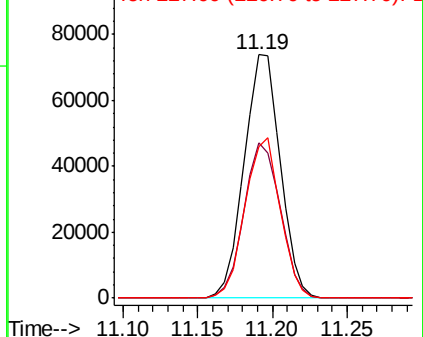


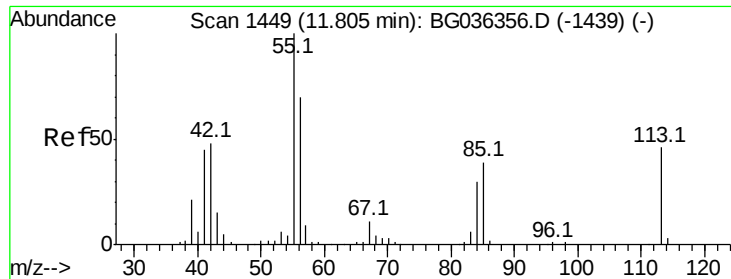
#34
Hexachlorobutadiene
Concen: 41.453 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt	Ion:225	Resp:	124043
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.8	77.8
227	62.0	49.8	74.6



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

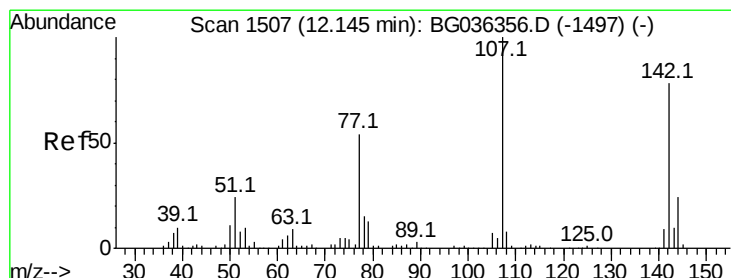
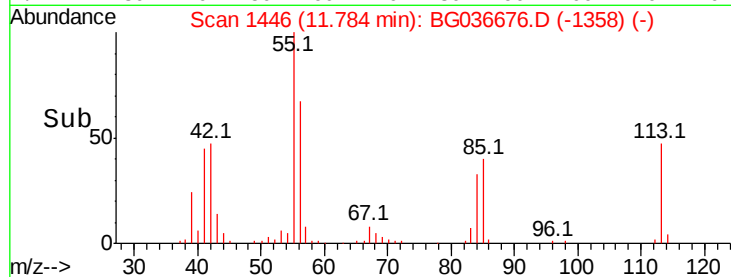
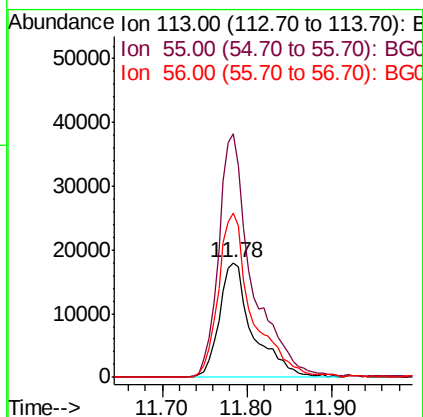
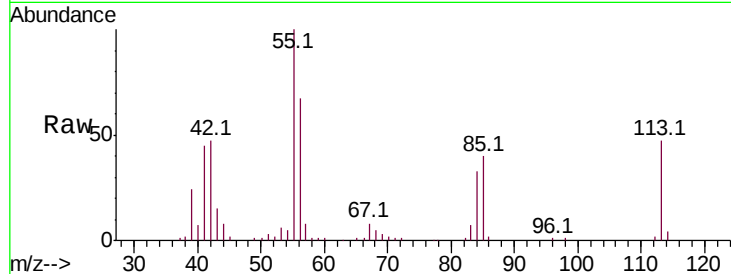




#35
Caprolactam
Concen: 32.772 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

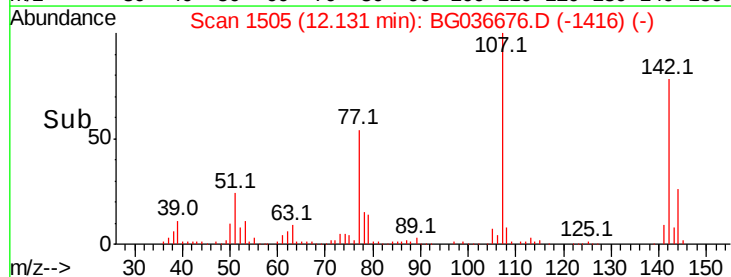
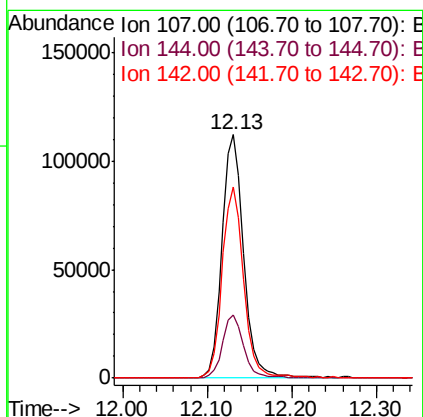
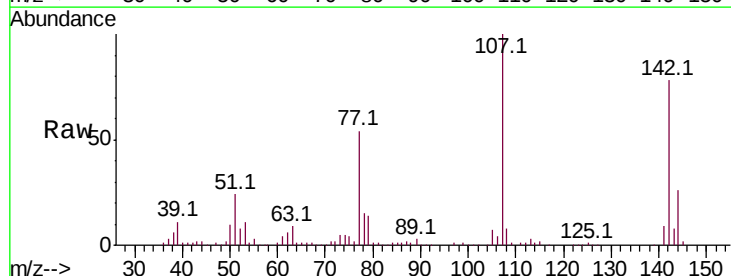
Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

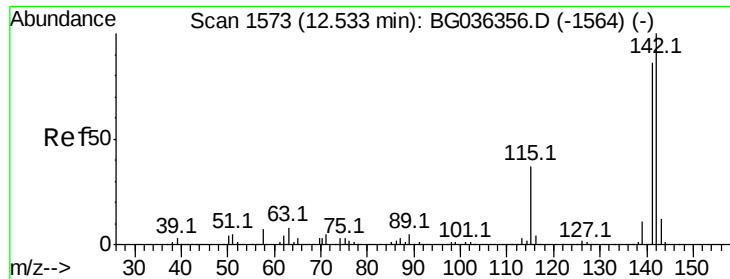
Tot Ion:113 Resp: 49703
Ion Ratio Lower Upper
113 100
55 211.8 197.7 237.7
56 142.8 131.7 171.7



#36
4-Chloro-3-methylphenol
Concen: 45.206 ng
RT: 12.13 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion:107 Resp: 199977
Ion Ratio Lower Upper
107 100
144 25.9 19.5 29.3
142 78.5 62.4 93.6

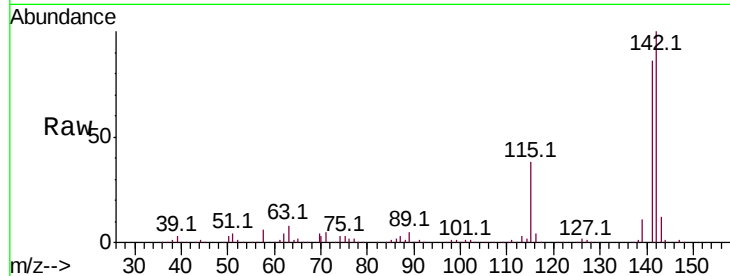




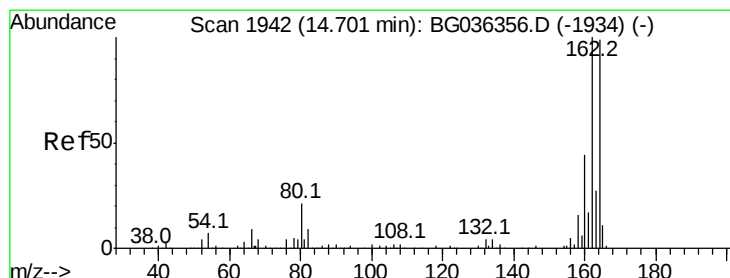
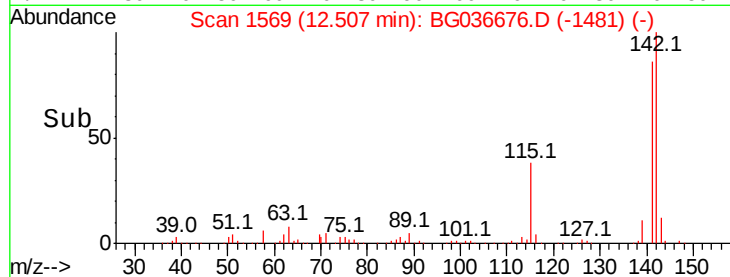
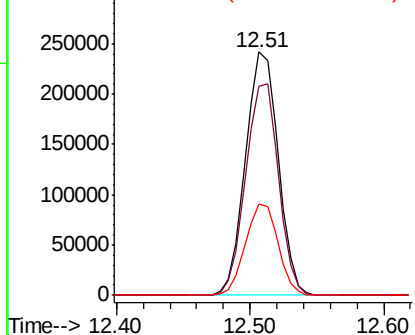
#37
2-Methylnaphthalene
Concen: 47.113 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

Tot Ion:142 Resp: 410556
Ion Ratio Lower Upper
142 100
141 85.9 68.5 102.7
115 37.6 29.8 44.8

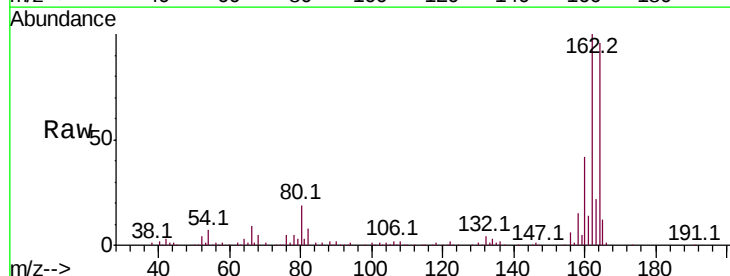


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

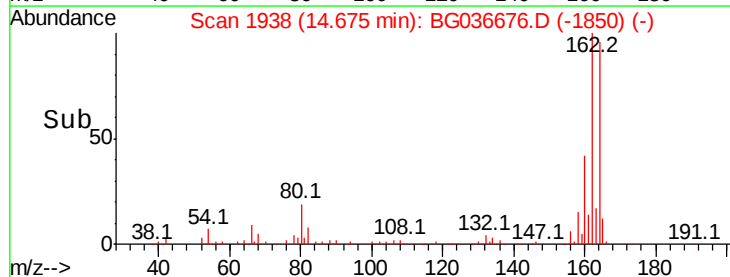
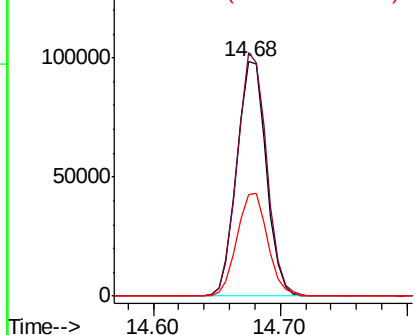


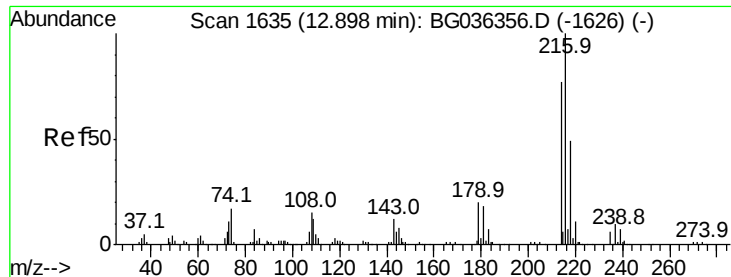
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion:164 Resp: 157797
Ion Ratio Lower Upper
164 100
162 103.9 80.7 121.1
160 43.2 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.579 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

Tot Ion:216 Resp: 232186

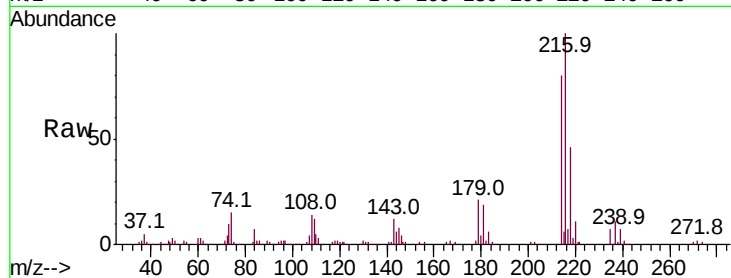
Ion Ratio Lower Upper

216 100

214 78.6 61.0 91.6

179 19.3 15.7 23.5

108 17.4 13.1 19.7

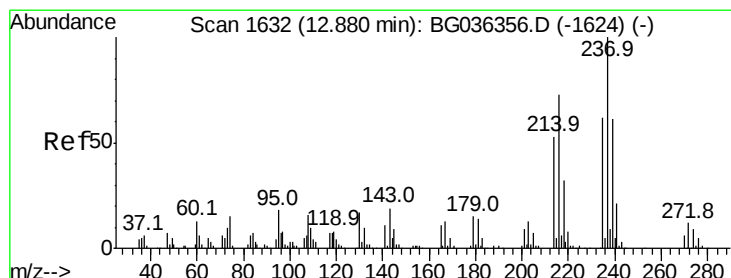
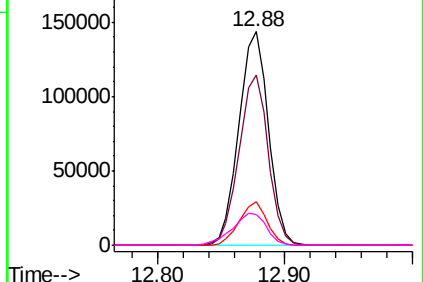
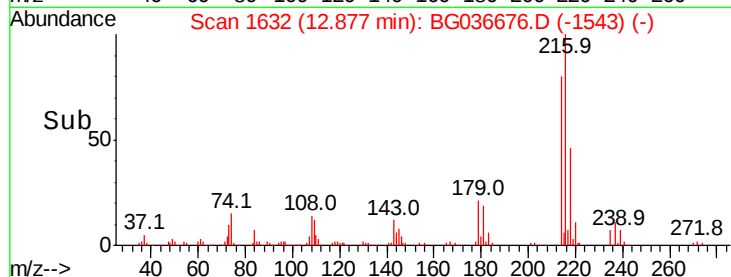


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.117 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

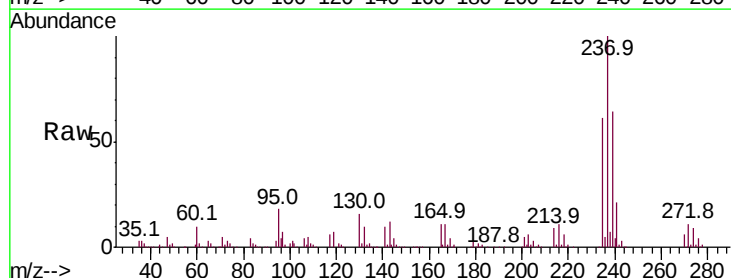
Tgt Ion:237 Resp: 253119

Ion Ratio Lower Upper

237 100

235 61.3 42.2 82.2

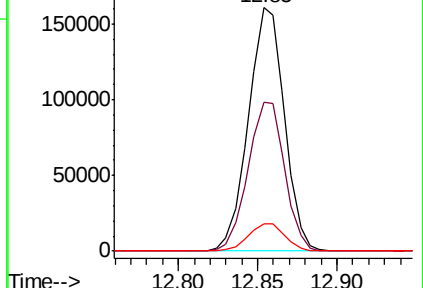
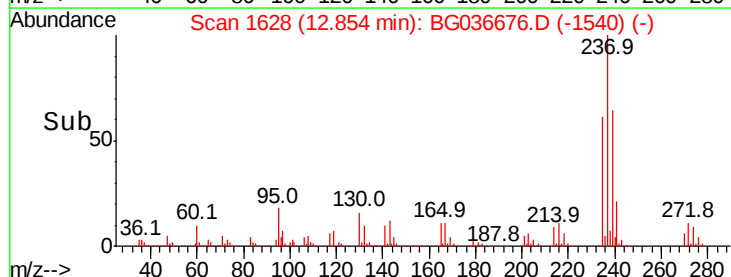
272 11.2 0.0 32.1

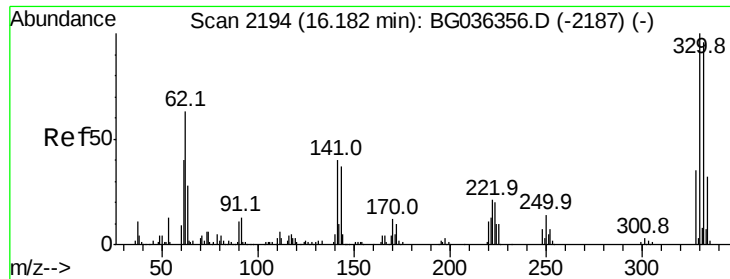


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

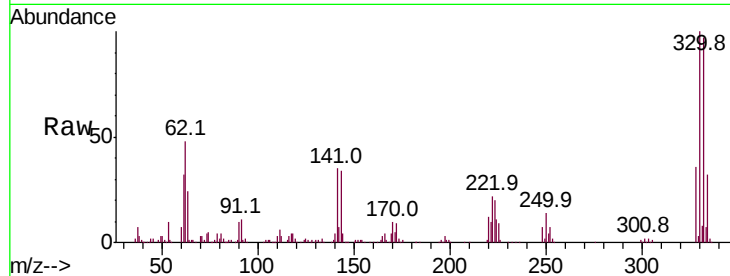




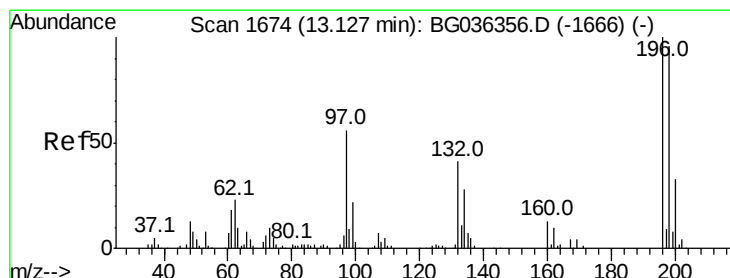
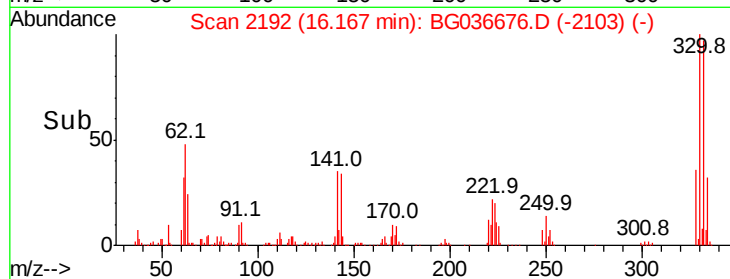
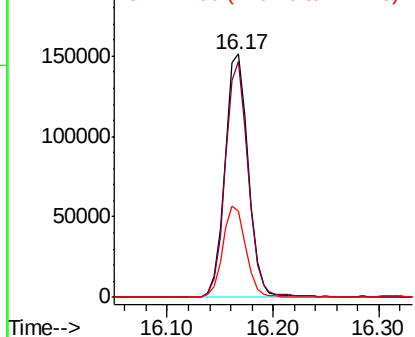
#41
 2,4,6-Tribromophenol
 Concen: 122.569 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.4	113.2
141	37.5	30.7	46.1

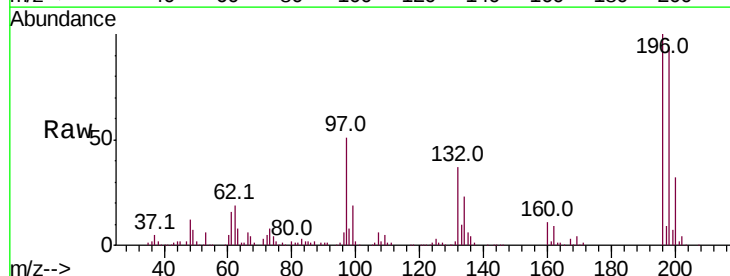


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

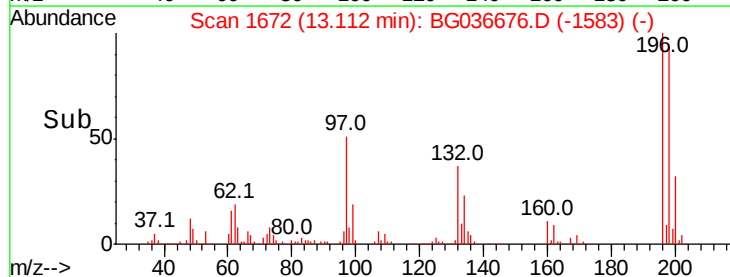
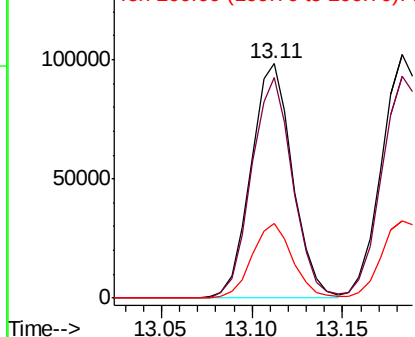


#42
 2,4,6-Trichlorophenol
 Concen: 46.314 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	77.2	115.8
200	31.7	26.3	39.5



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

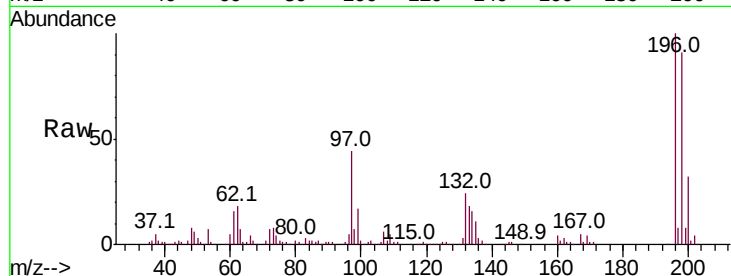




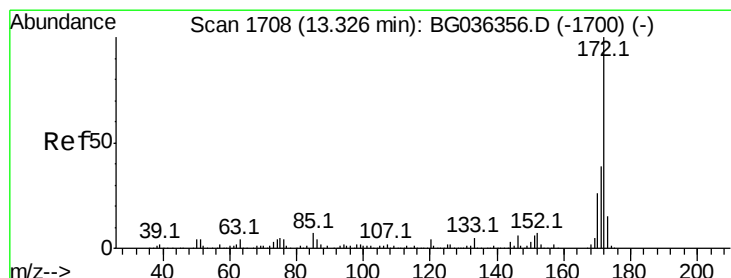
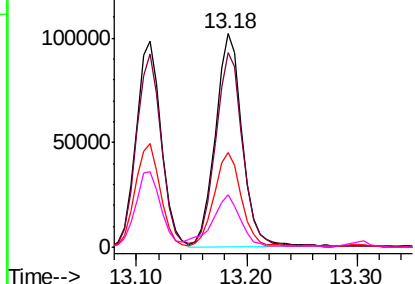
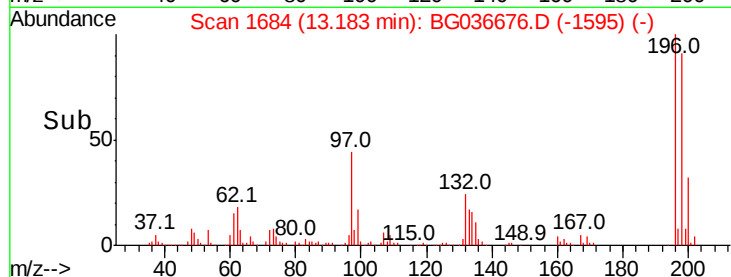
#43
 2,4,5-Trichlorophenol
 Concen: 47.149 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMS

Tot Ion:196 Resp: 171068
 Ion Ratio Lower Upper
 196 100
 198 91.3 75.6 113.4
 97 44.4 37.2 55.8
 132 24.5 19.4 29.2

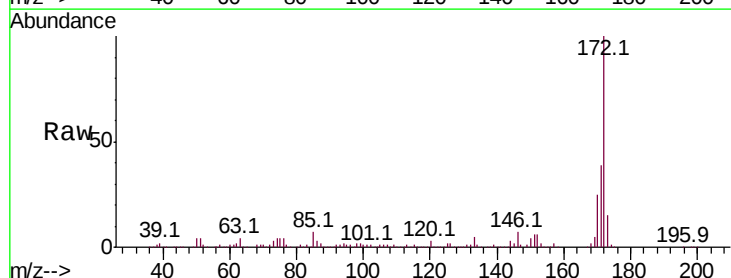


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

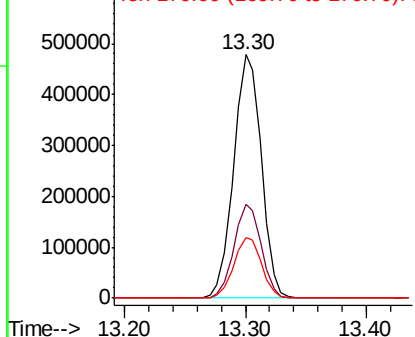
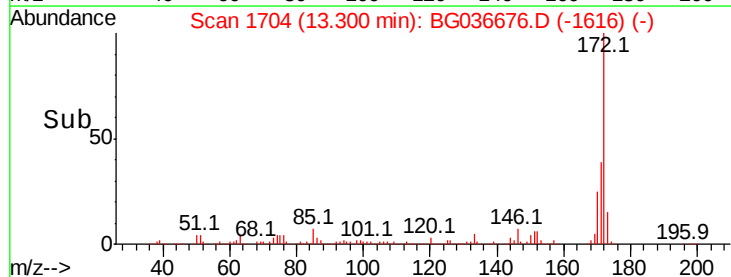


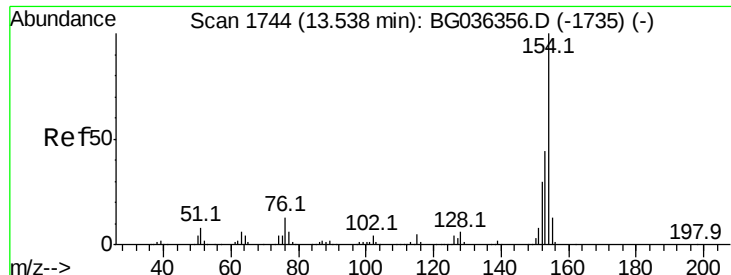
#44
 2-Fluorobiphenyl
 Concen: 69.070 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Tgt Ion:172 Resp: 763340
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.3 46.9
 170 25.1 21.0 31.6



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: 40.127 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

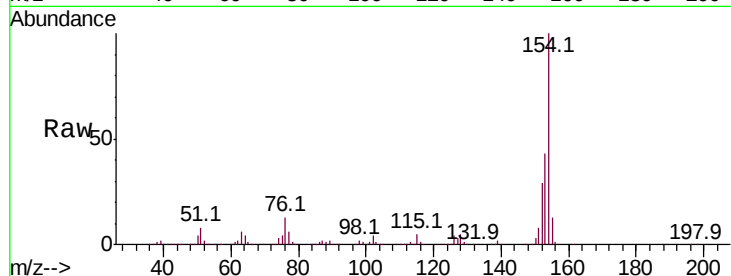
Tot Ion:154 Resp: 525597

Ion Ratio Lower Upper

154 100

153 42.7 24.0 64.0

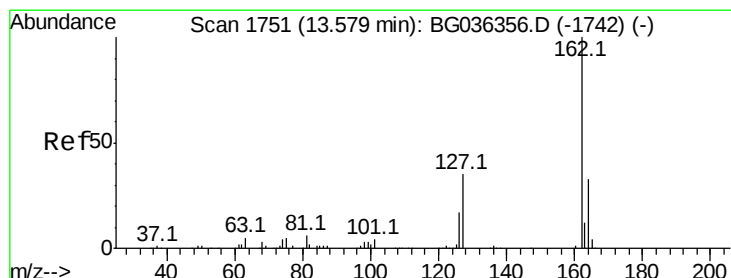
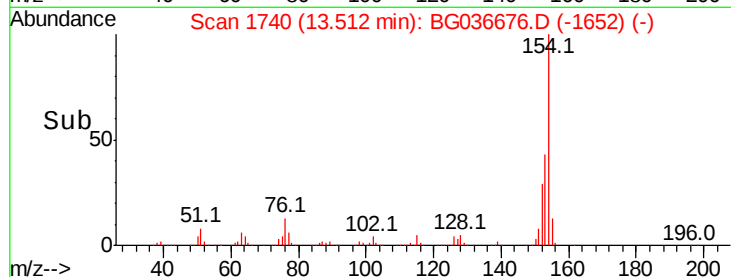
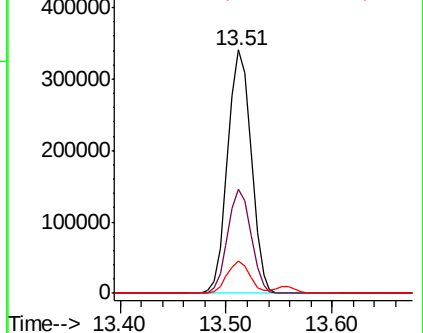
76 13.1 0.0 32.9



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: 41.705 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

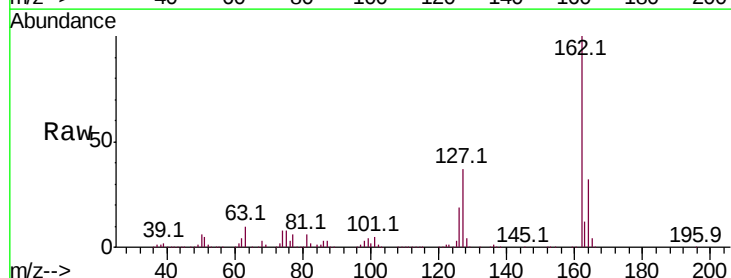
Tgt Ion:162 Resp: 417029

Ion Ratio Lower Upper

162 100

127 37.4 30.7 46.1

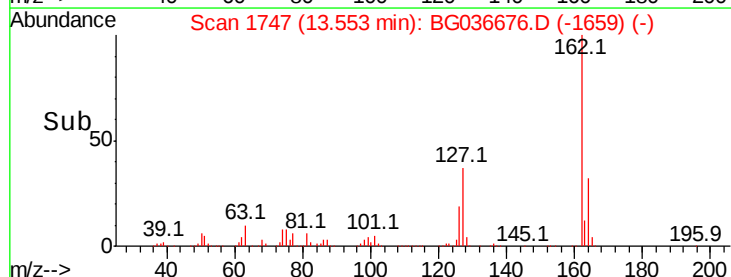
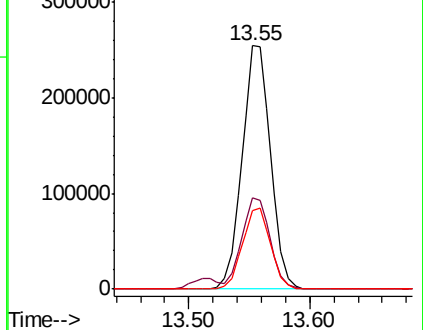
164 32.4 26.7 40.1

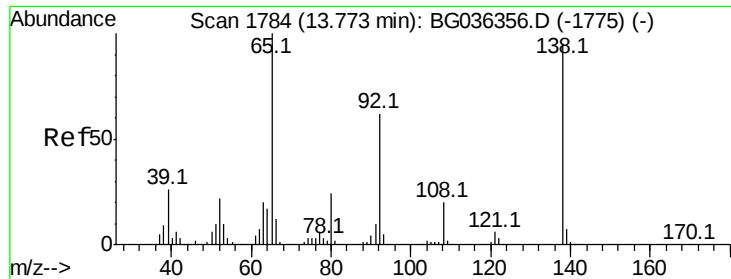


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.592 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

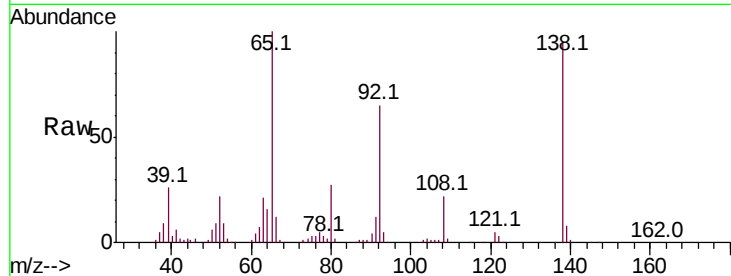
Tot Ion: 65 Resp: 149442

Ion Ratio Lower Upper

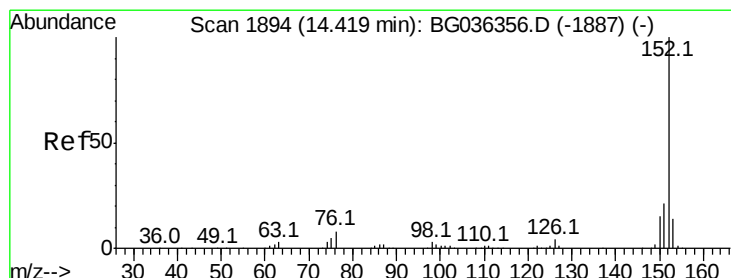
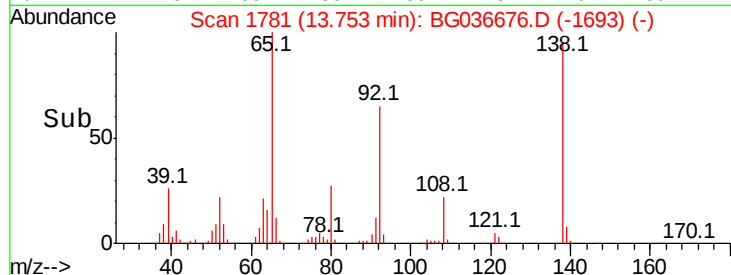
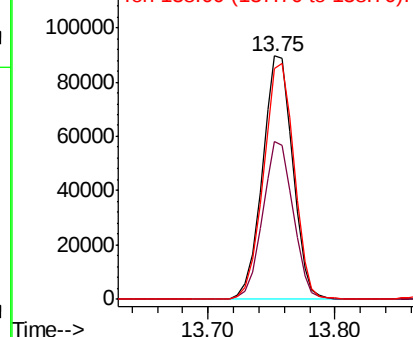
65 100

92 65.0 49.9 74.9

138 94.8 76.2 114.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 44.389 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

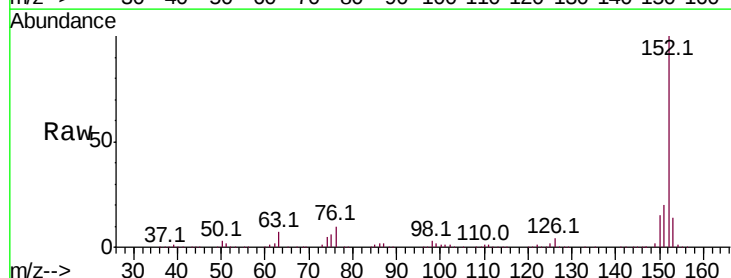
Tgt Ion:152 Resp: 693699

Ion Ratio Lower Upper

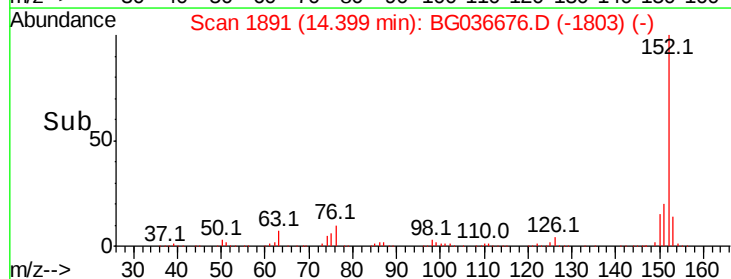
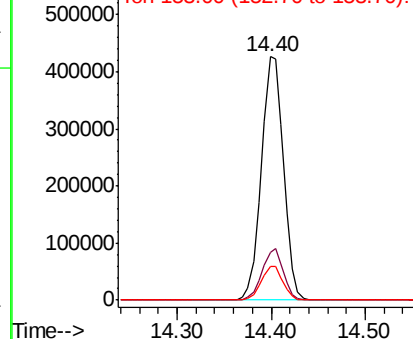
152 100

151 19.7 16.9 25.3

153 13.8 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.647 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

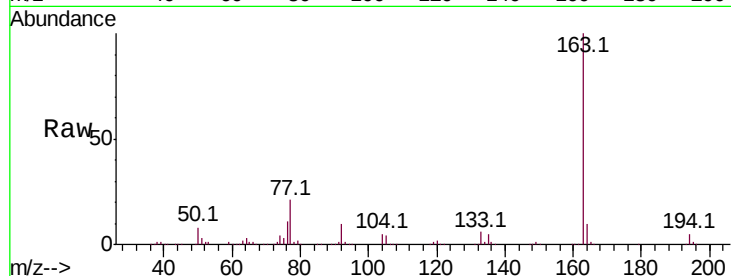
Tot Ion:163 Resp: 562388

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

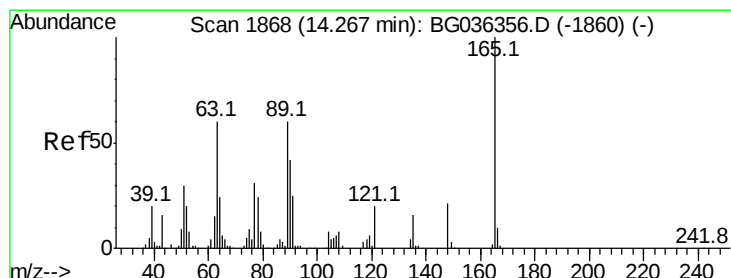
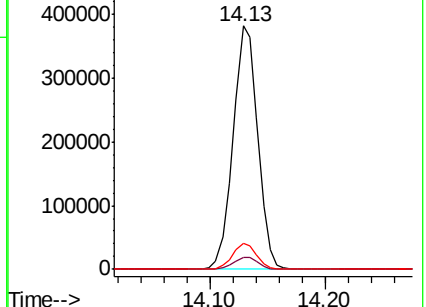
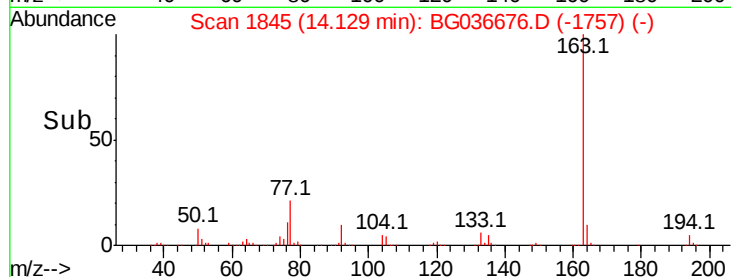
164 10.4 8.1 12.1



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: 47.042 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

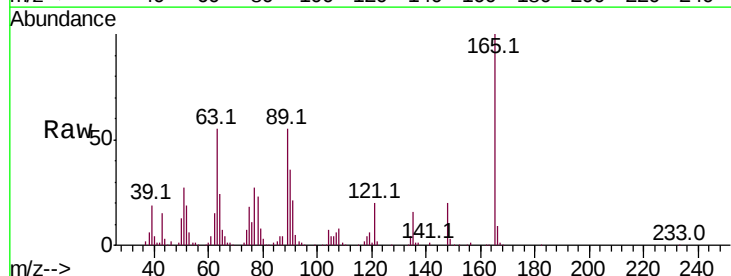
Tgt Ion:165 Resp: 124726

Ion Ratio Lower Upper

165 100

63 54.9 50.1 75.1

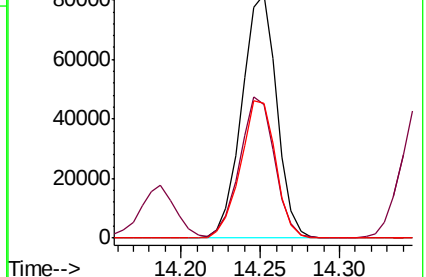
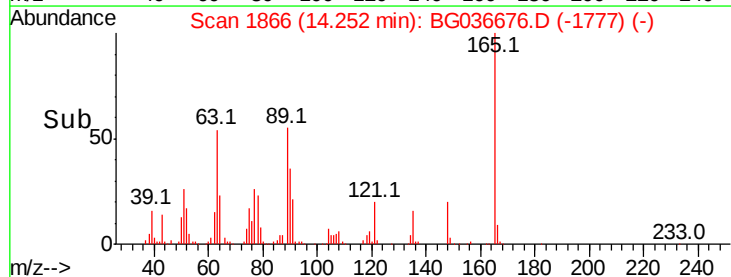
89 55.5 47.8 71.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.097 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

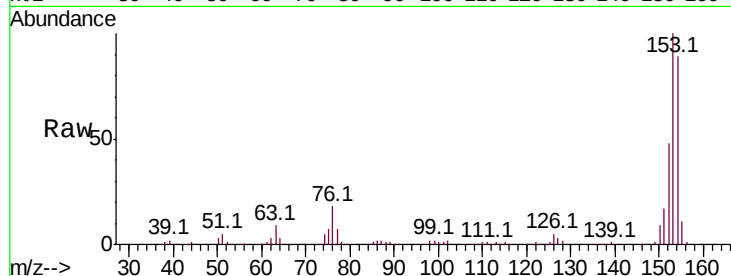
Tot Ion:154 Resp: 441346

Ion Ratio Lower Upper

154 100

153 111.7 91.8 137.6

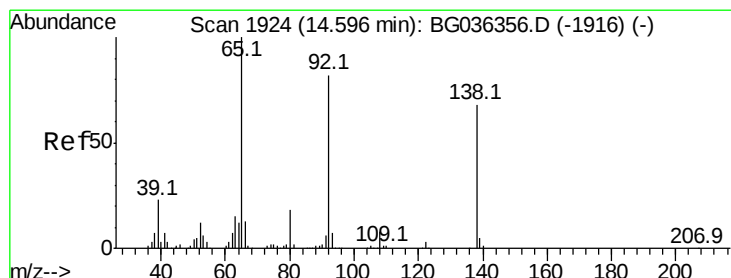
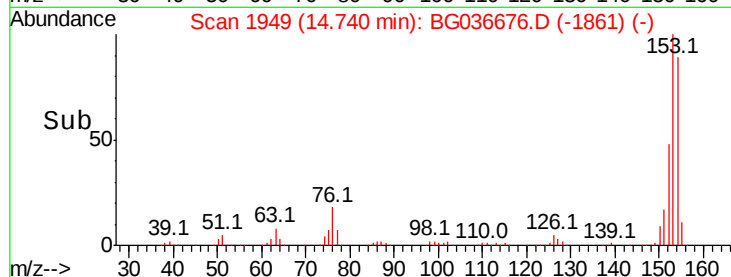
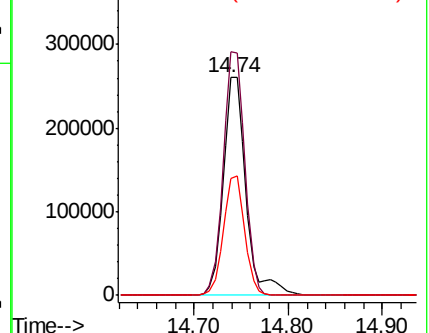
152 53.7 43.5 65.3



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: 20.202 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

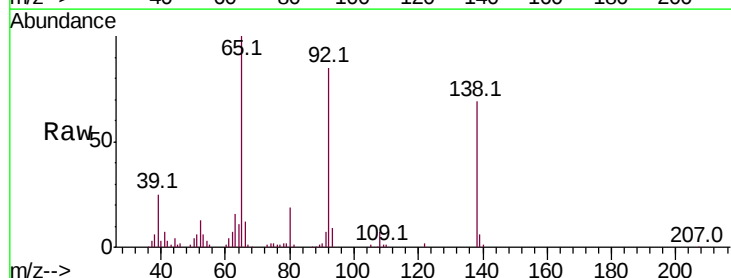
Tgt Ion:138 Resp: 57721

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.2

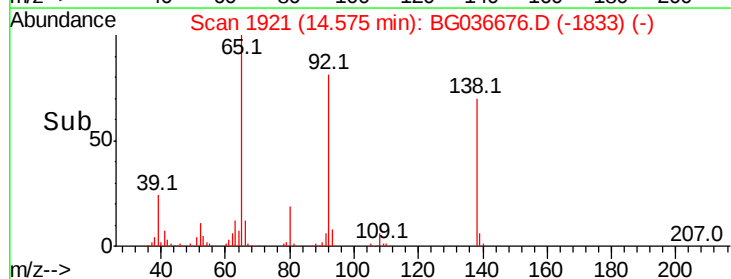
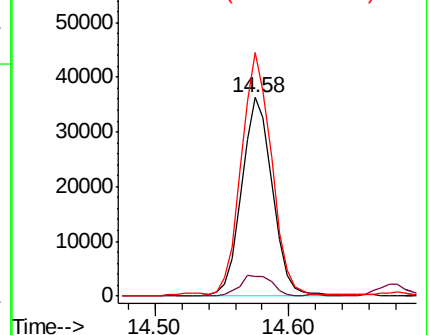
92 122.5 96.8 145.2

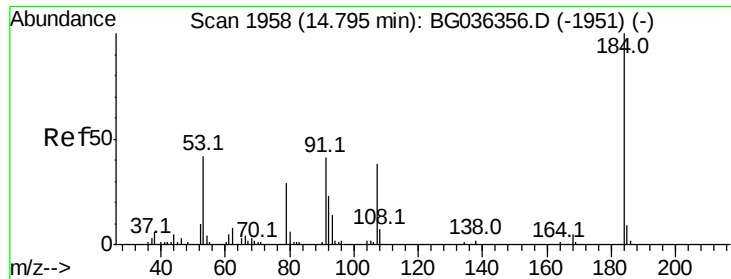


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

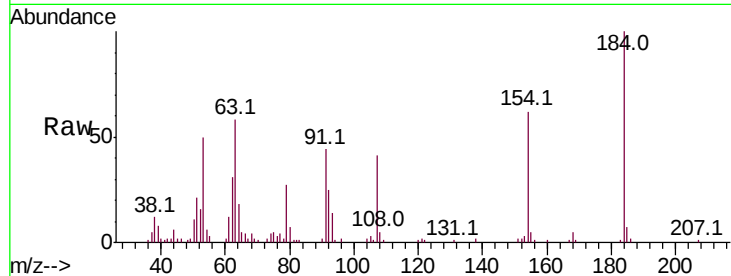




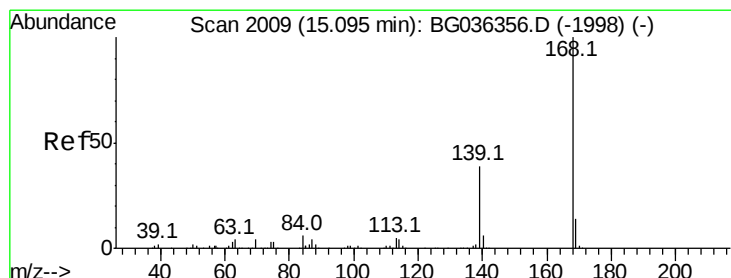
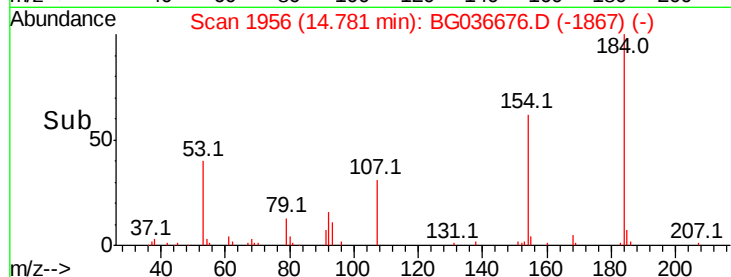
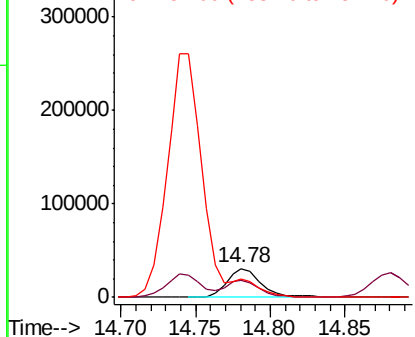
#53
 2,4-Dinitrophenol
 Concen: 50.211 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMS

Tot Ion:184 Resp: 50426
 Ion Ratio Lower Upper
 184 100
 63 58.2 47.3 70.9
 154 62.1 51.1 76.7

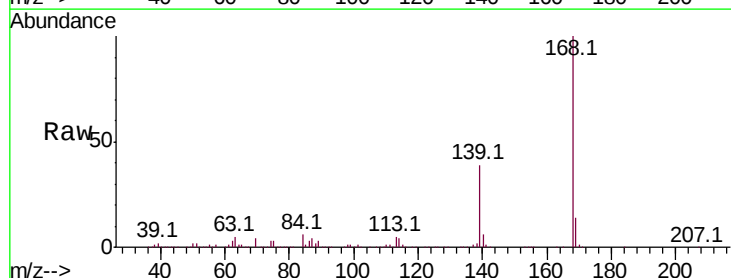


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

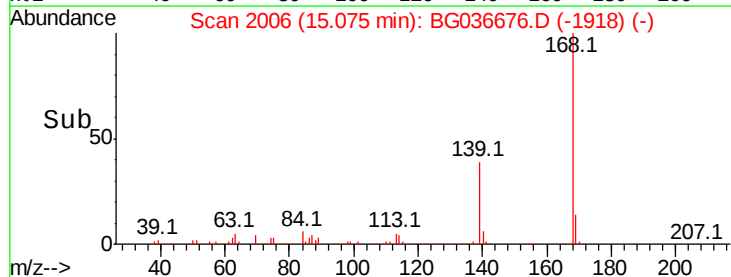
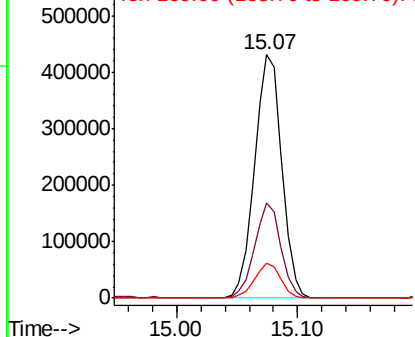


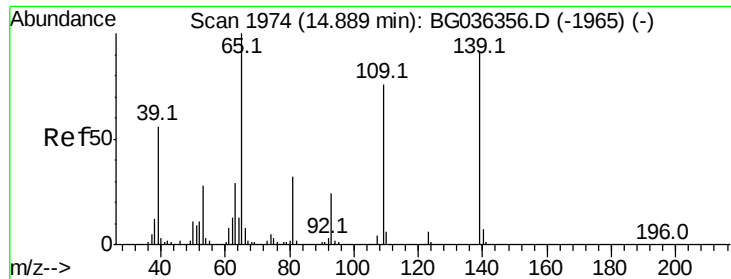
#54
 Dibenzofuran
 Concen: 42.952 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Tgt Ion:168 Resp: 673494
 Ion Ratio Lower Upper
 168 100
 139 39.2 31.0 46.6
 169 14.5 11.1 16.7



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: 66.106 ng

RT: 14.88 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

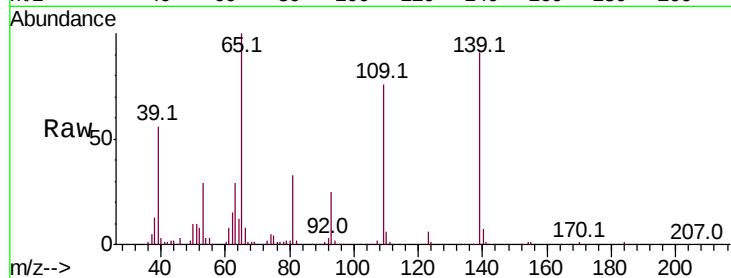
Tot Ion:139 Resp: 154432

Ion Ratio Lower Upper

139 100

109 84.3 63.9 103.9

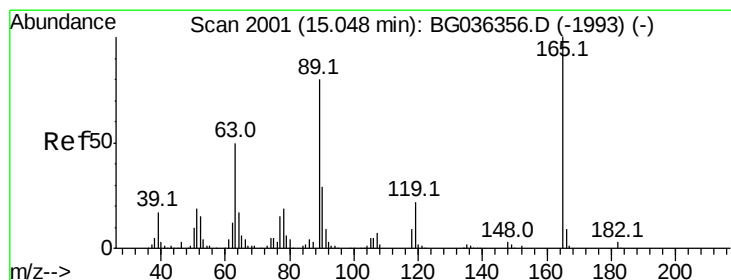
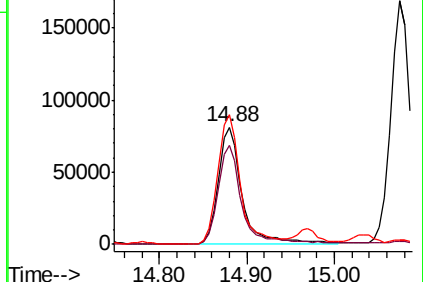
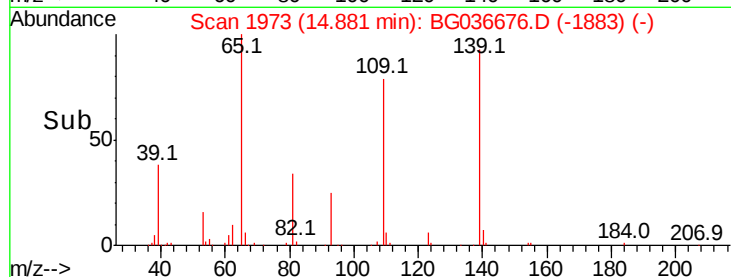
65 110.4 90.0 130.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 51.279 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Tgt Ion:165 Resp: 177197

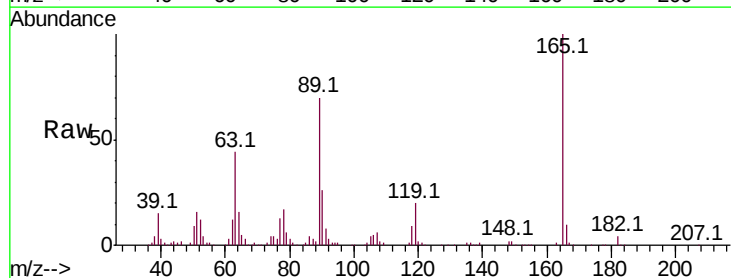
Ion Ratio Lower Upper

165 100

63 44.3 40.1 60.1

89 69.6 63.7 95.5

182 3.8 2.5 3.7#

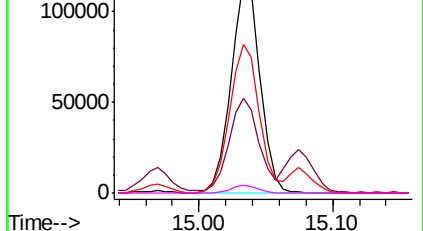
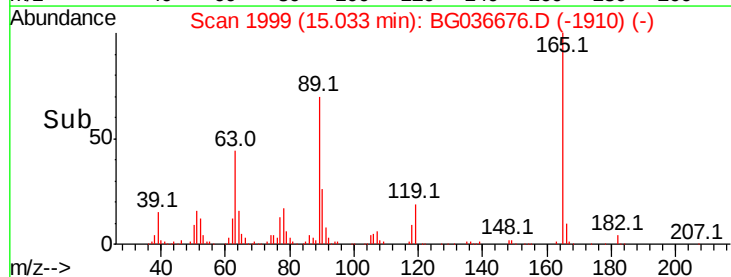


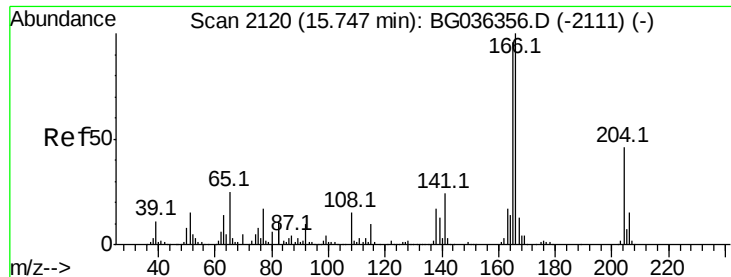
Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.273 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

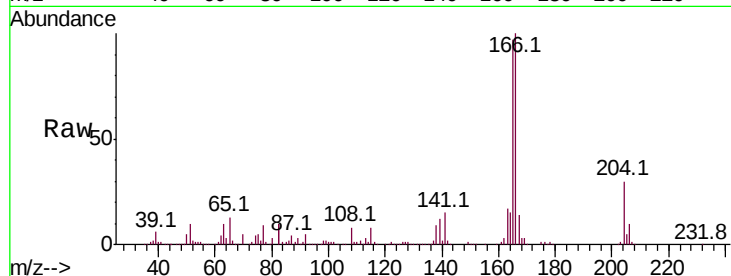
Tot Ion:166 Resp: 542403

Ion Ratio Lower Upper

166 100

165 96.7 77.0 115.4

167 14.0 10.6 16.0

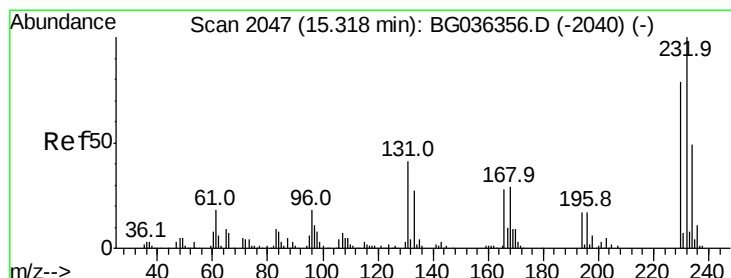
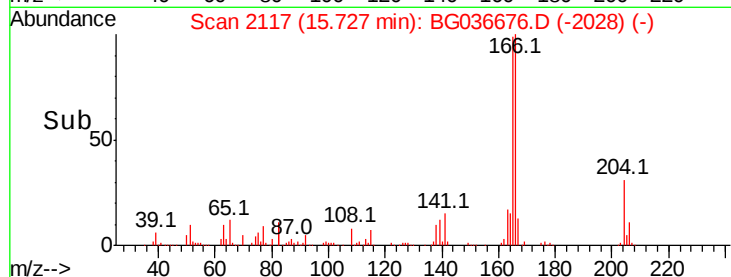
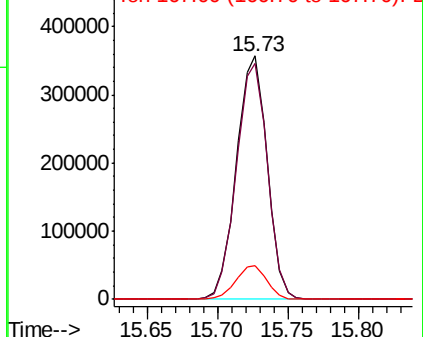


Abundance

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: 49.207 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Tgt Ion:232 Resp: 167742

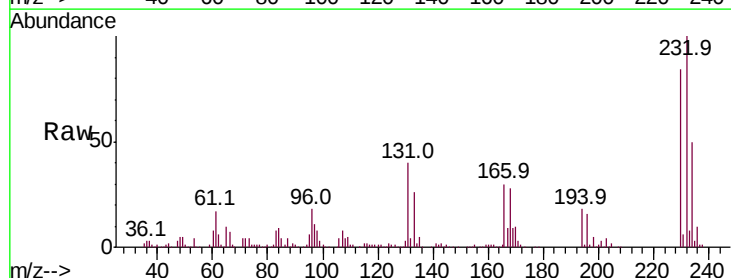
Ion Ratio Lower Upper

232 100

131 39.1 33.8 50.8

130 2.5 2.1 3.1

166 27.5 22.3 33.5



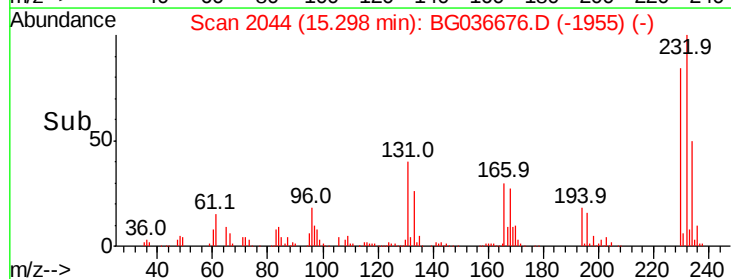
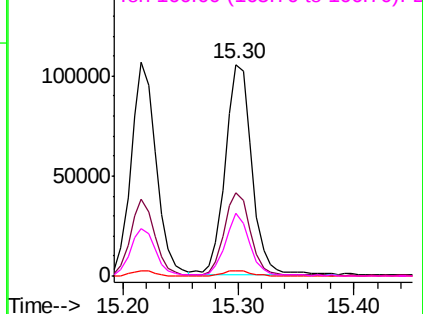
Abundance

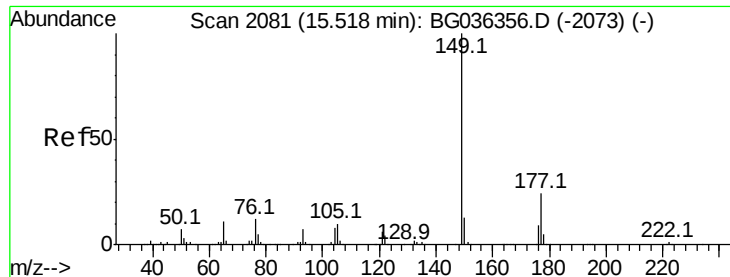
Ion 232.00 (231.70 to 232.70): E

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

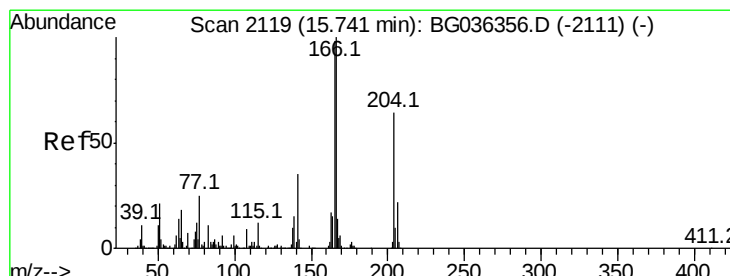
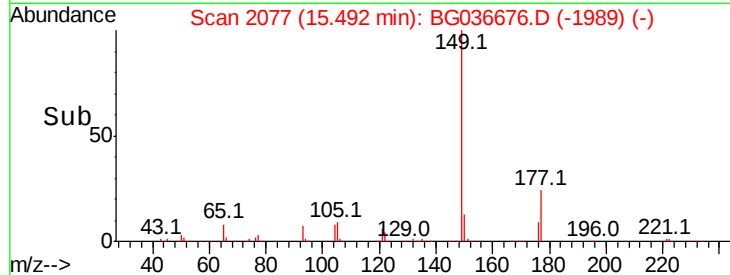
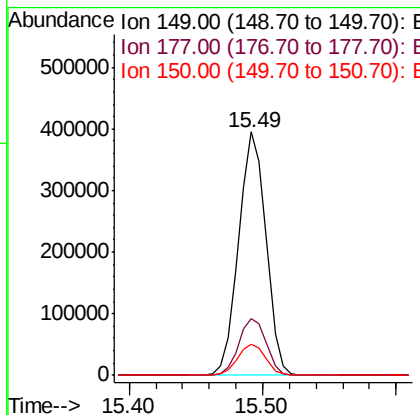
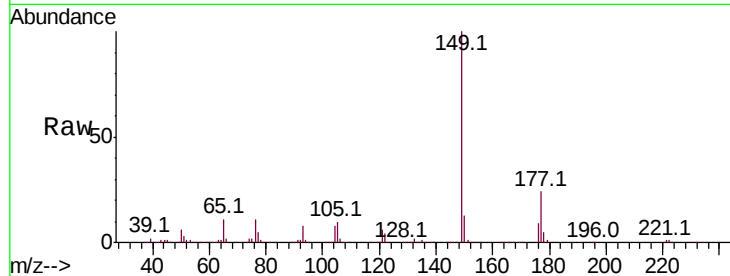




#59
 Diethylphthalate
 Concen: 42.979 ng
 RT: 15.49 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

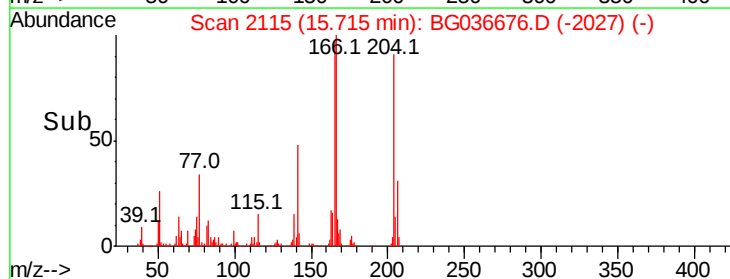
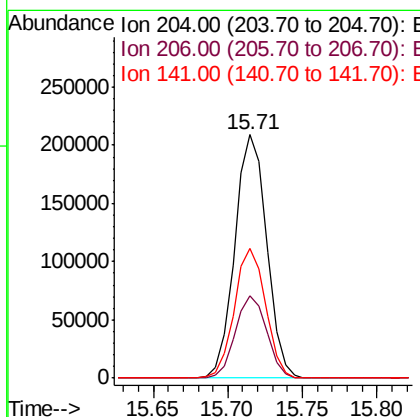
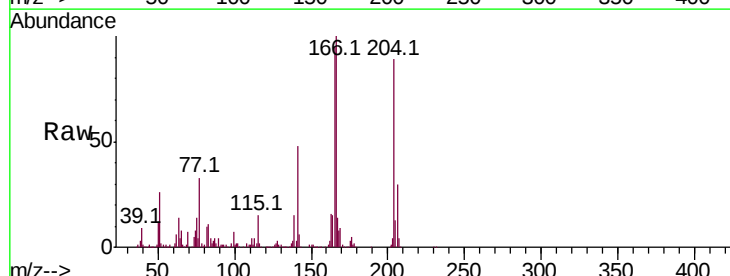
Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMS

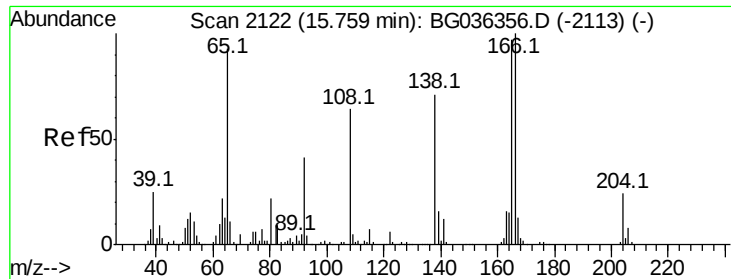
Tot Ion:	149	Resp:	558101
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	12.8	10.7	16.1



#60
 4-Chlorophenyl-phenylether
 Concen: 42.858 ng
 RT: 15.71 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Tgt Ion:	204	Resp:	310213
Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.0	40.4
141	53.3	43.8	65.6

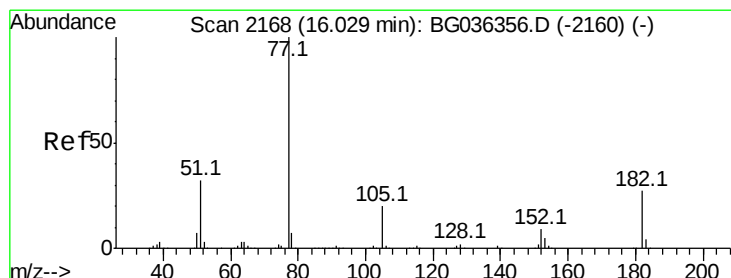
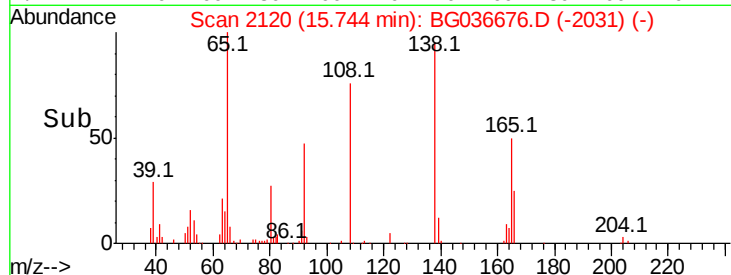
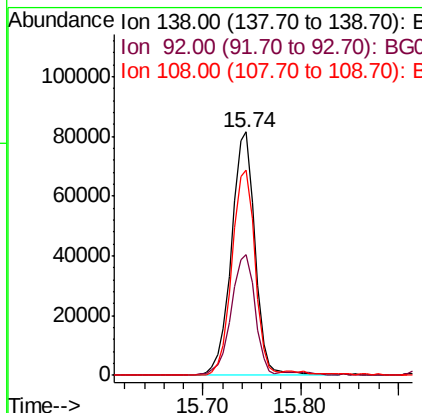
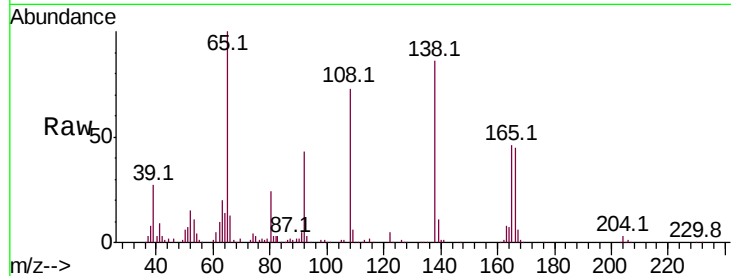




#61
4-Nitroaniline
Concen: 45.963 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

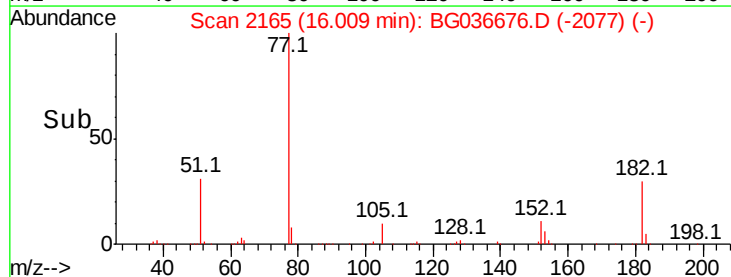
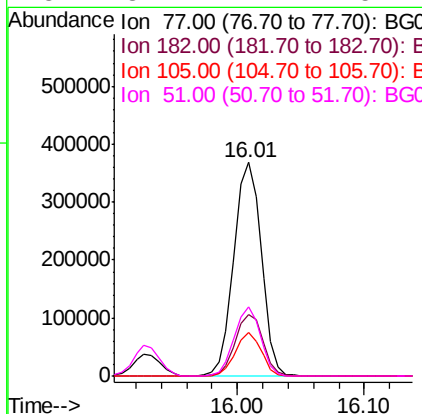
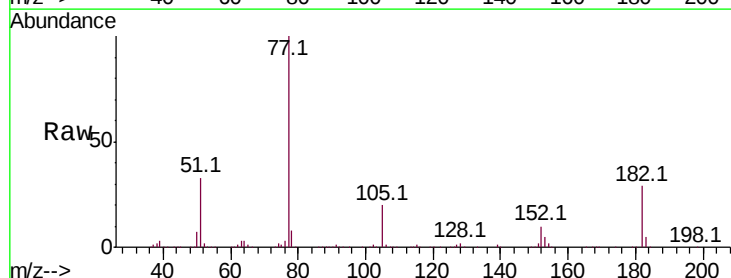
Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

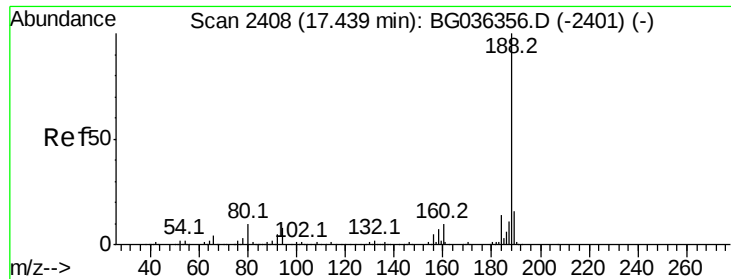
Tot Ion:138 Resp: 137424
Ion Ratio Lower Upper
138 100
92 49.8 38.5 78.5
108 84.5 70.3 110.3



#62
Azobenzene
Concen: 41.752 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion: 77 Resp: 551635
Ion Ratio Lower Upper
77 100
182 28.8 6.7 46.7
105 20.1 0.0 39.8
51 32.7 12.4 52.4

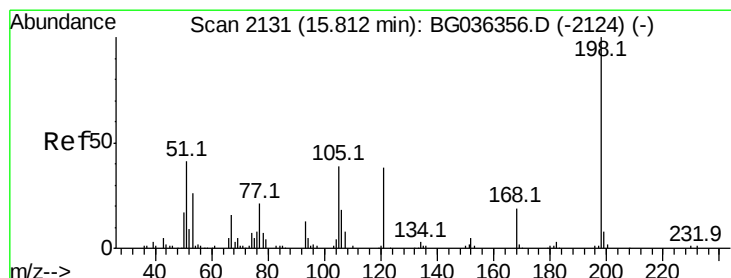
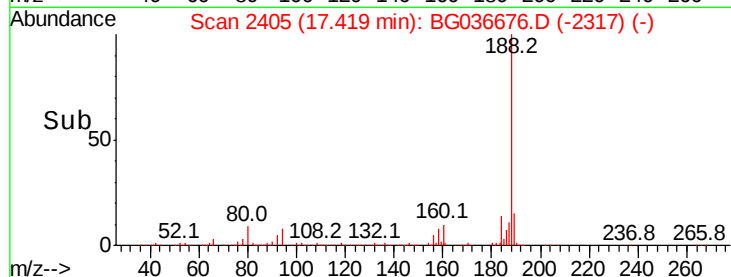
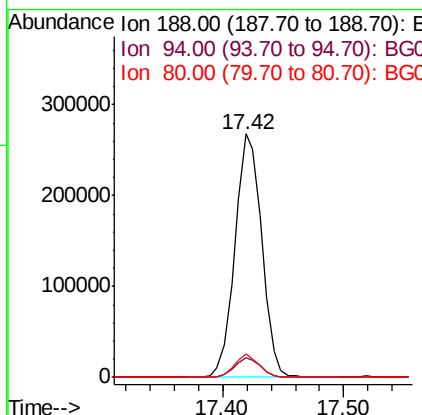
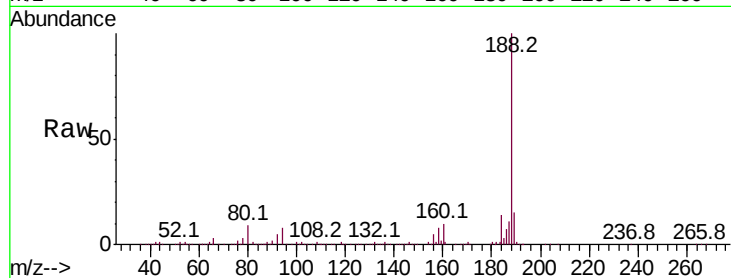




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

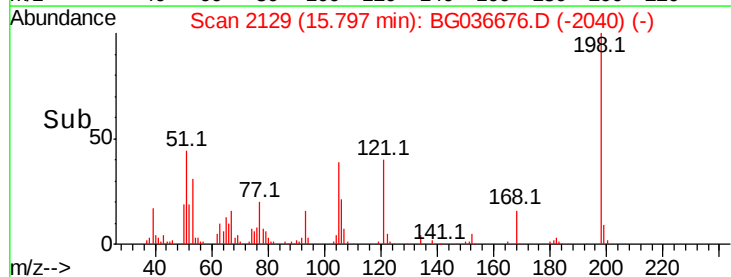
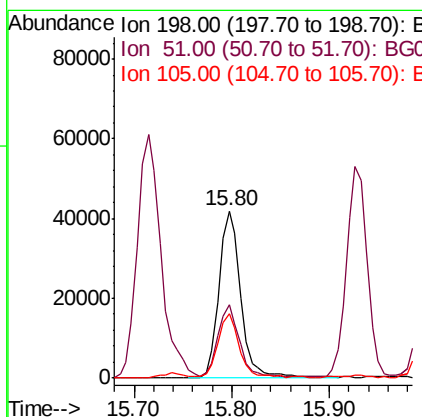
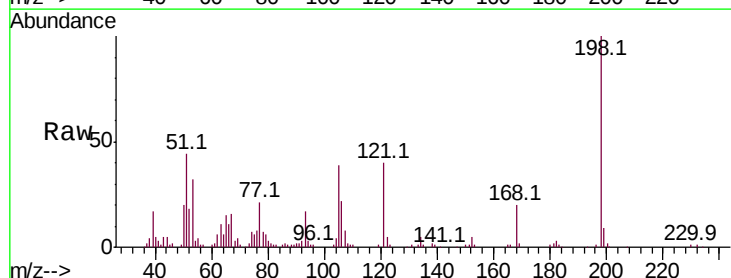
Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

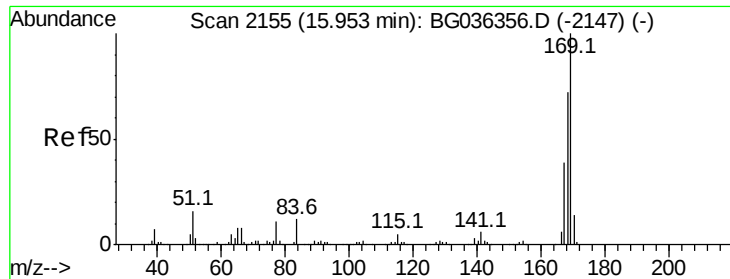
Tot Ion:188 Resp: 413393
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.4 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 35.836 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion:198 Resp: 65077
Ion Ratio Lower Upper
198 100
51 43.8 26.5 66.5
105 38.6 20.2 60.2

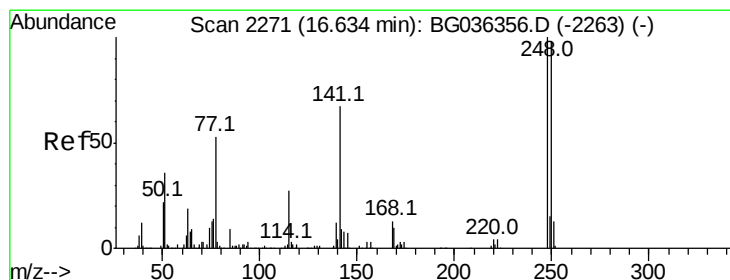
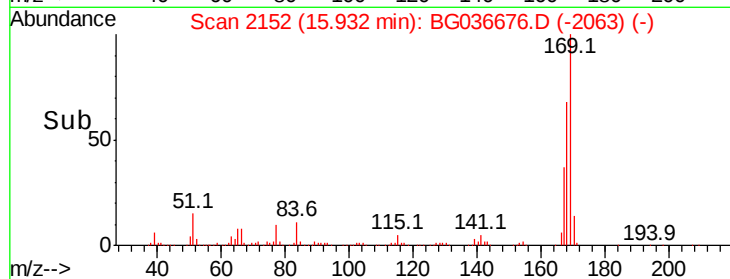
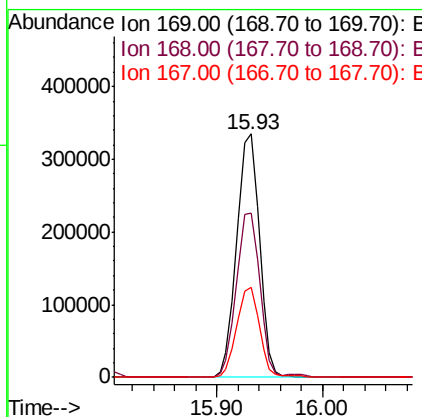
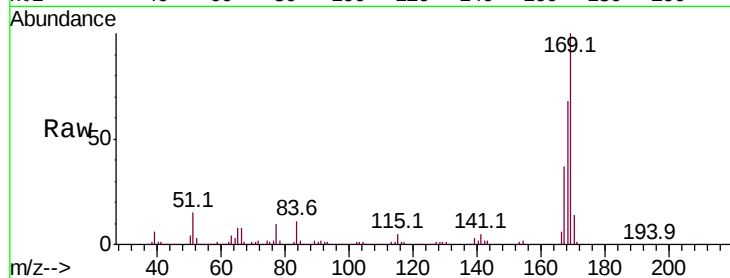




#65
 n-Nitrosodiphenylamine
 Concen: 40.571 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

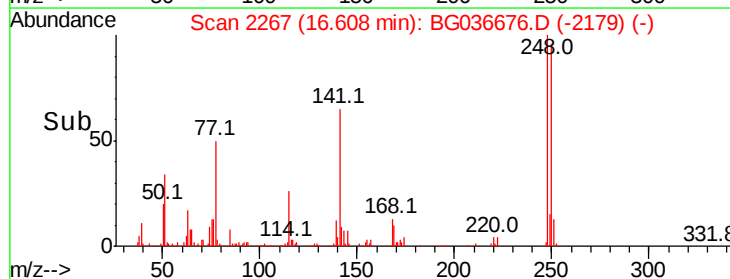
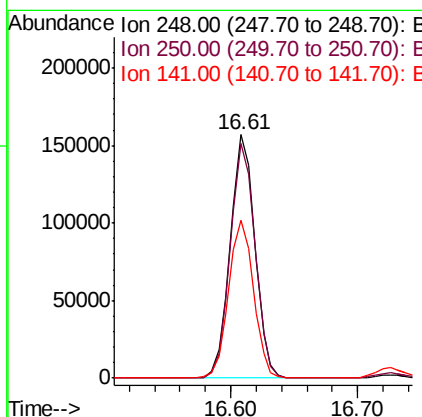
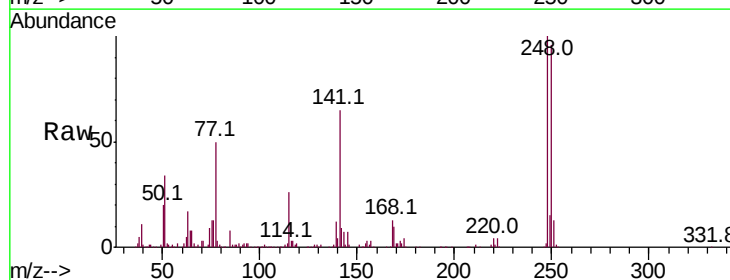
Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMS

Tot Ion:169 Resp: 498349
 Ion Ratio Lower Upper
 169 100
 168 67.7 57.6 86.4
 167 37.0 31.0 46.4



#66
 4-Bromophenyl-phenylether
 Concen: 43.438 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Tgt Ion:248 Resp: 210239
 Ion Ratio Lower Upper
 248 100
 250 96.5 78.1 117.1
 141 65.0 53.7 80.5

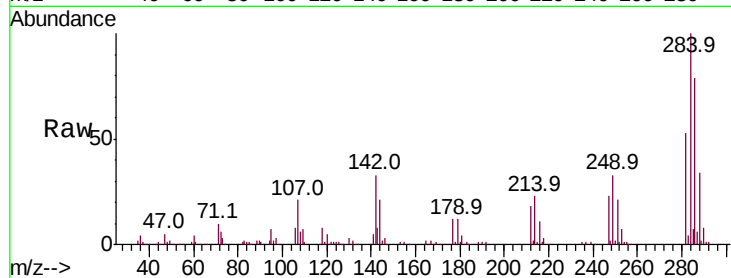




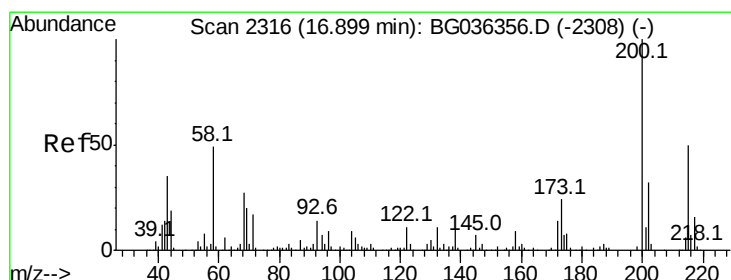
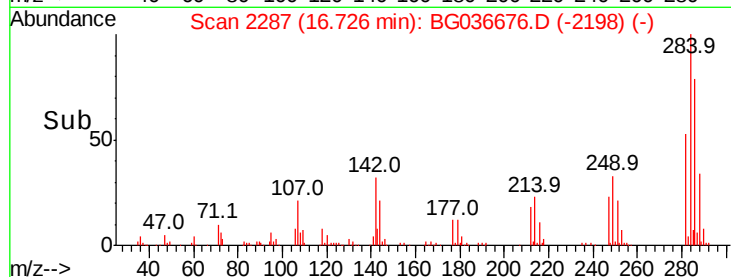
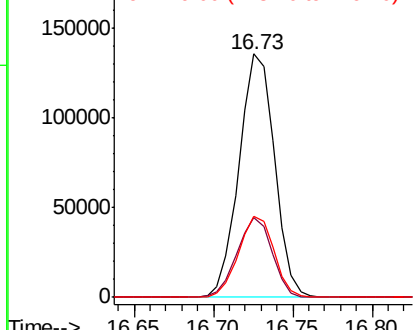
#67
Hexachlorobenzene
Concen: 42.598 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.6	27.8	41.6
249	33.5	27.4	41.2

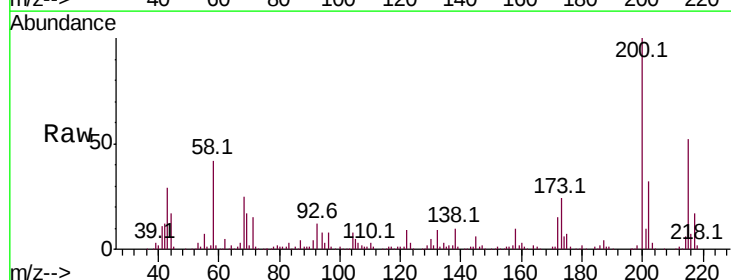


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

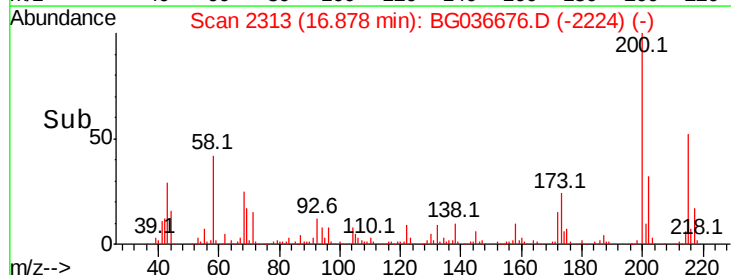
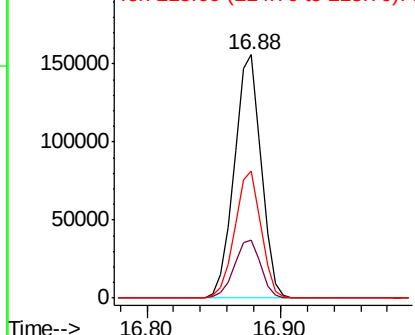


#68
Atrazine
Concen: 47.332 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.7	3.9	43.9
215	52.0	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

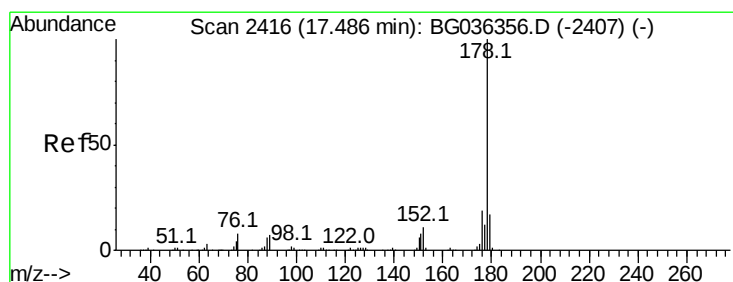
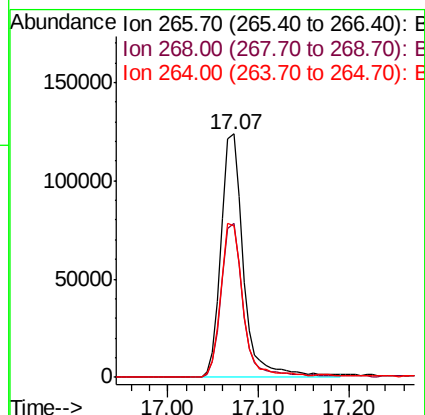
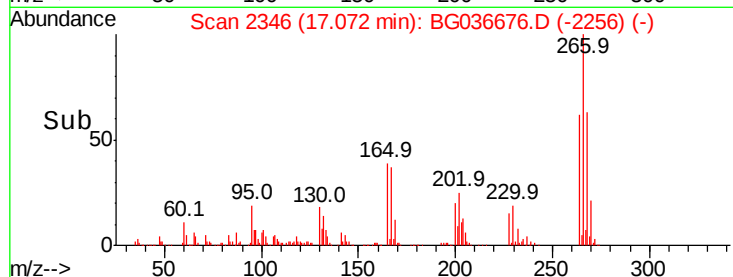
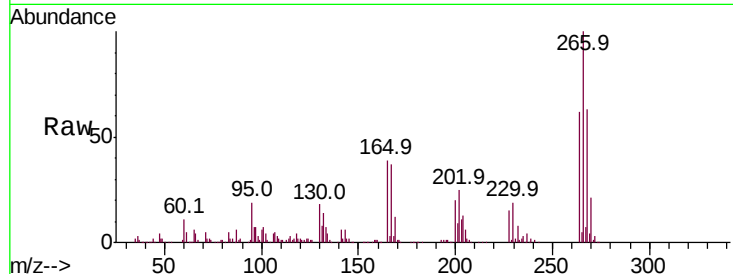




#69
 Pentachlorophenol
 Concen: 63.579 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

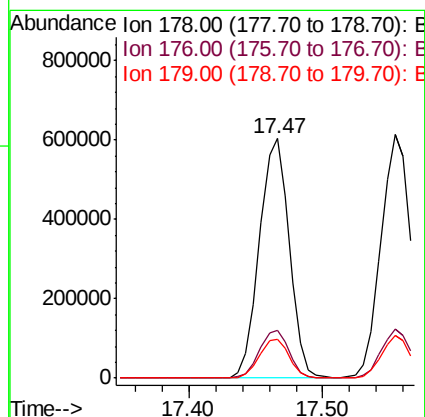
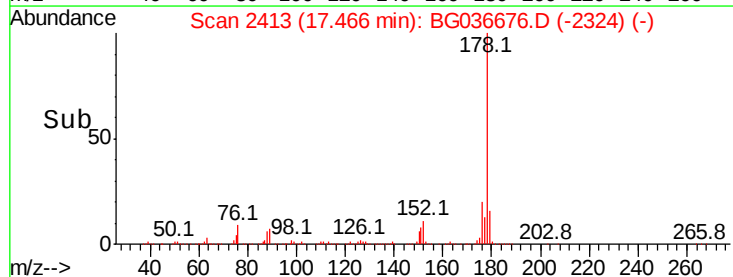
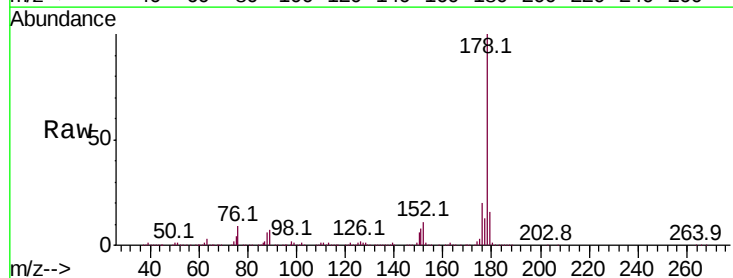
Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMS

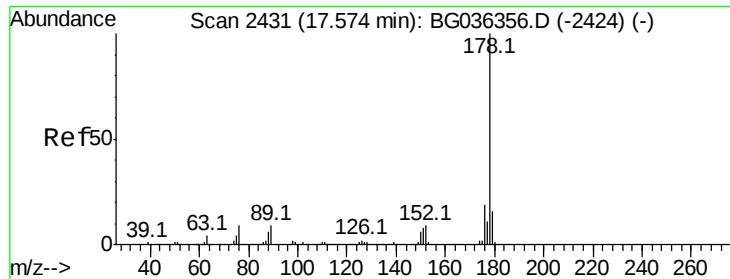
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.4	77.2
264	62.2	48.9	73.3



#70
 Phenanthrene
 Concen: 44.371 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	16.3	13.4	20.2

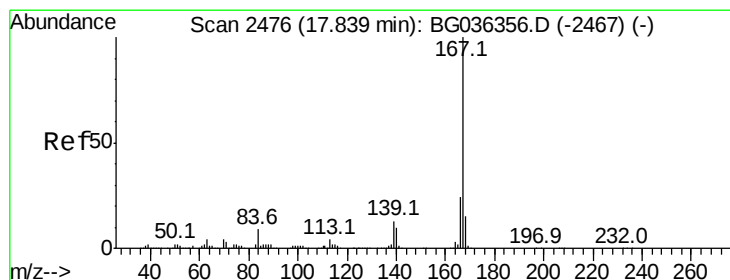
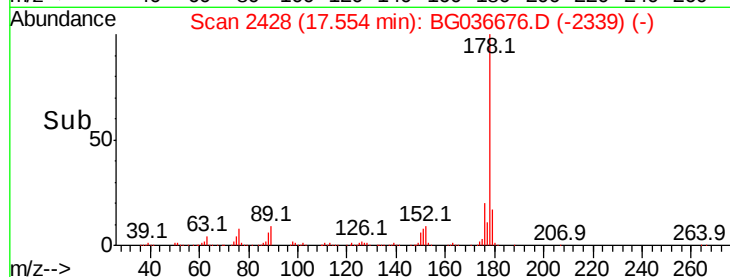
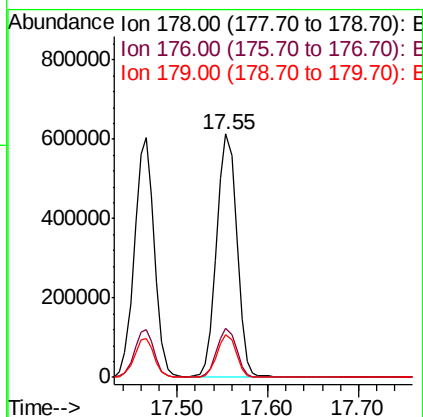
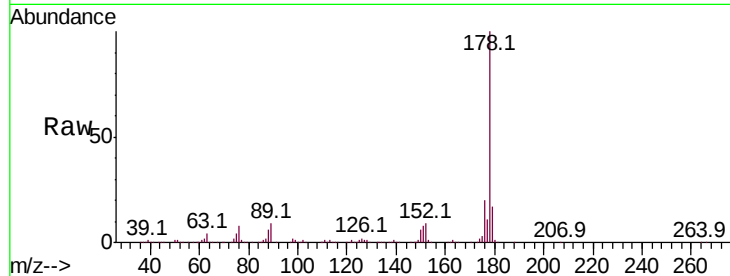




#71
 Anthracene
 Concen: 45.289 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

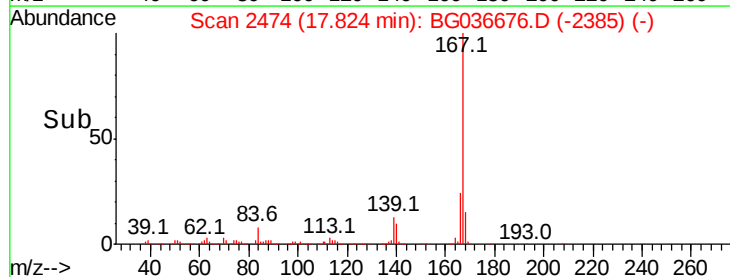
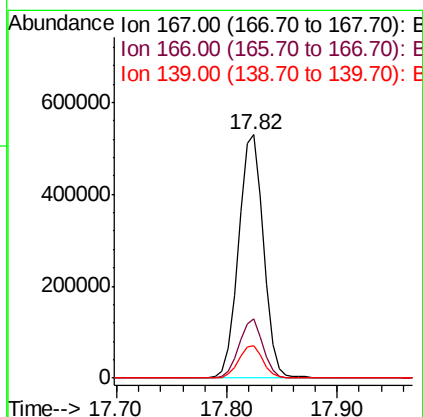
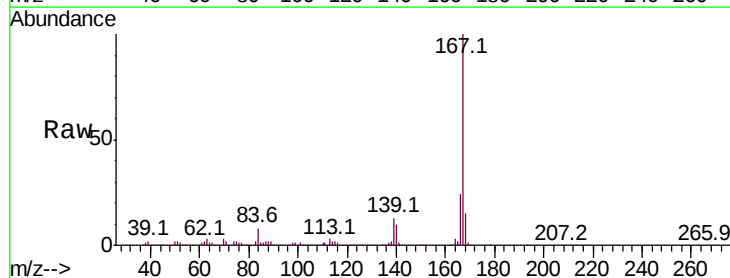
Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMS

Tot Ion:178 Resp: 948312
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 17.3 13.0 19.4



#72
 Carbazole
 Concen: 40.249 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Tgt Ion:167 Resp: 841661
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.5 29.3
 139 13.3 10.7 16.1





#73

Di-n-butylphthalate

Concen: 41.539 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

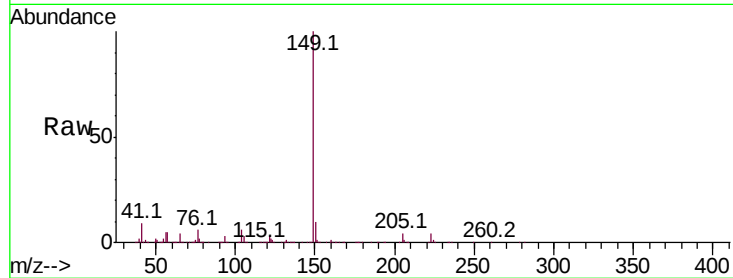
Tot Ion:149 Resp: 967291

Ion Ratio Lower Upper

149 100

150 10.4 8.1 12.1

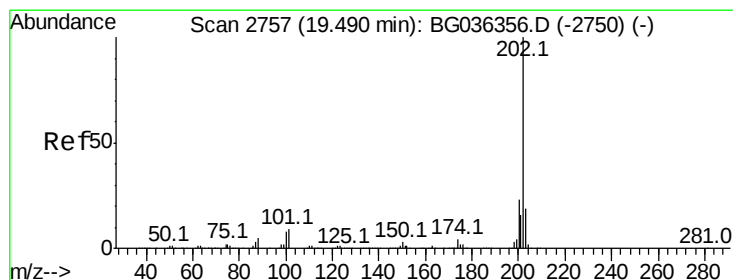
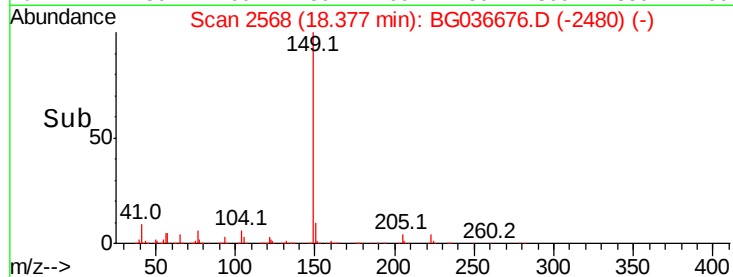
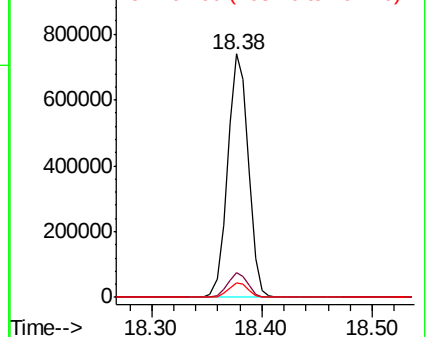
104 5.9 4.6 6.8



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: 44.910 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

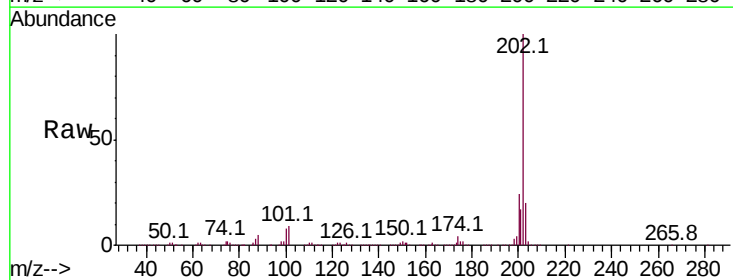
Tgt Ion:202 Resp: 1150171

Ion Ratio Lower Upper

202 100

101 8.8 0.0 29.4

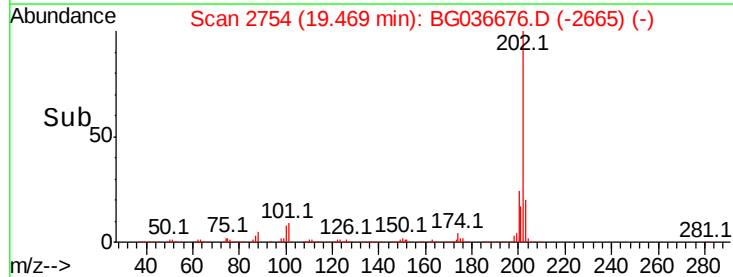
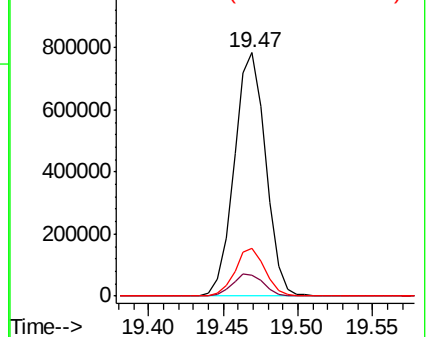
203 19.6 0.0 38.9

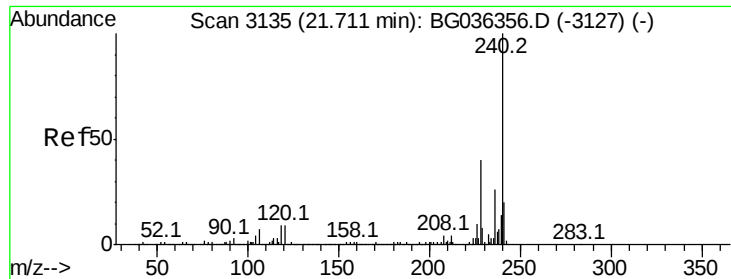


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

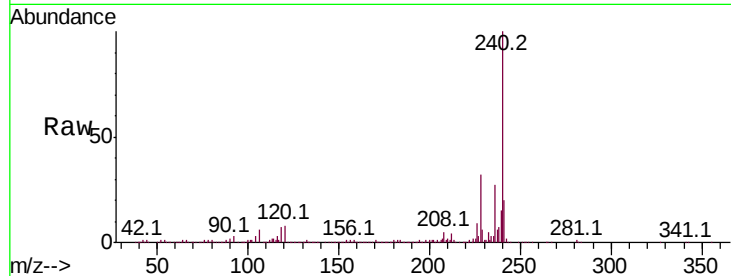
Tot Ion:240 Resp: 423741

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

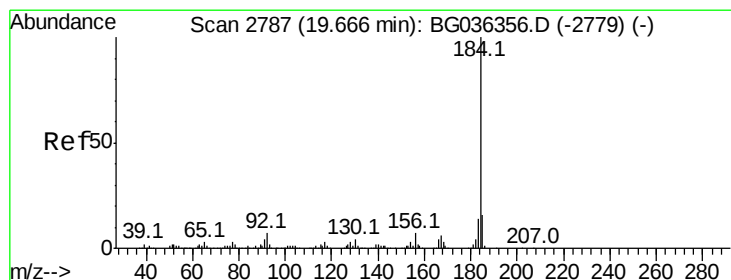
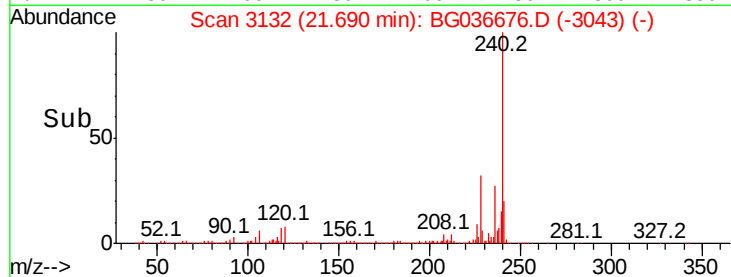
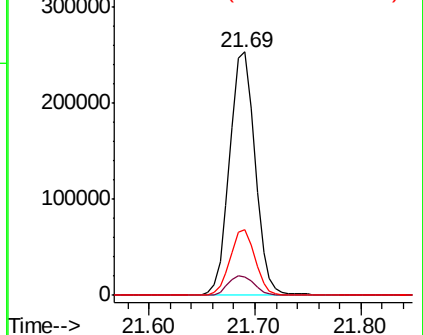
236 26.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.630 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

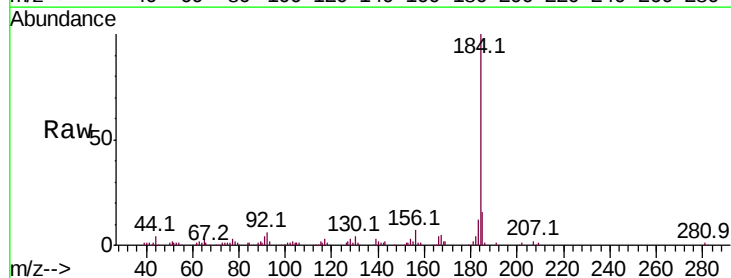
Tgt Ion:184 Resp: 103158

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

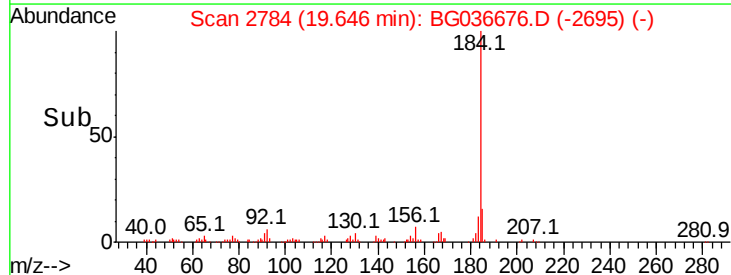
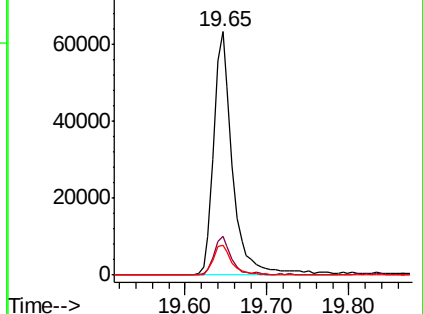
183 12.4 10.9 16.3

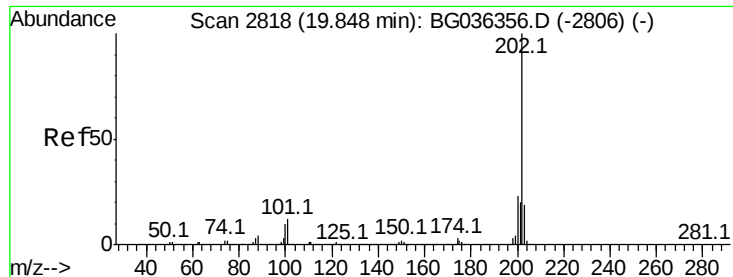


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.365 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

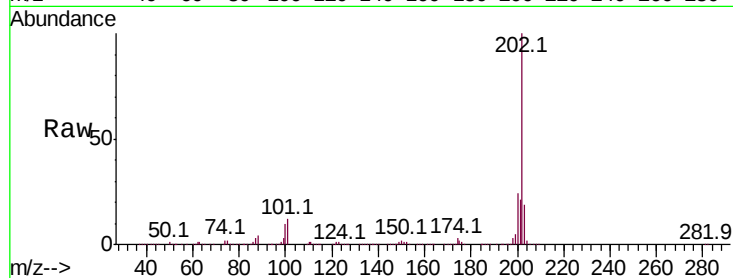
BNA_G

ClientSampleId :

SG-SOILMS

Tot Ion:202 Resp: 1156040

Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.3	27.5
203	19.1	15.1	22.7

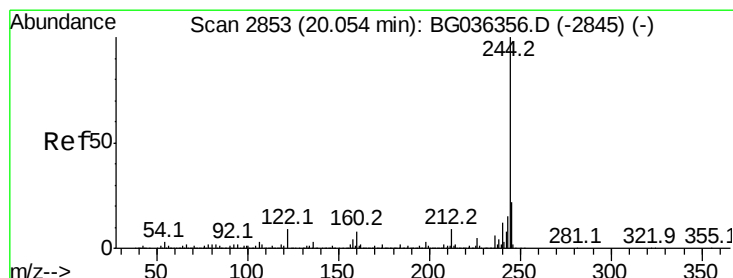
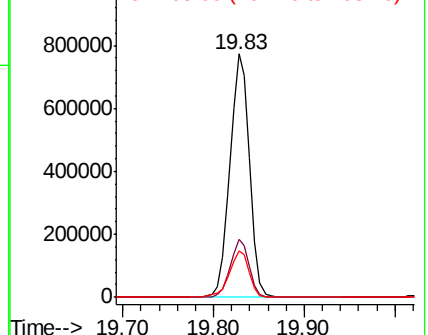
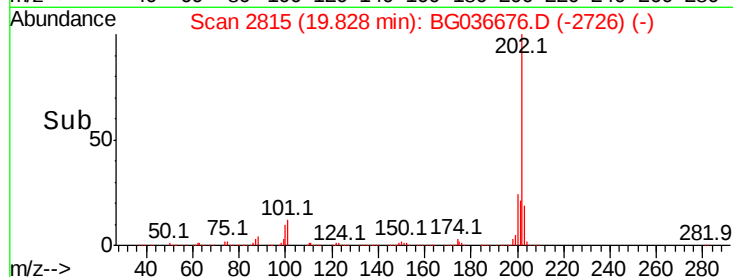


Abundance

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: 75.811 ng

RT: 20.03 min Scan# 2849

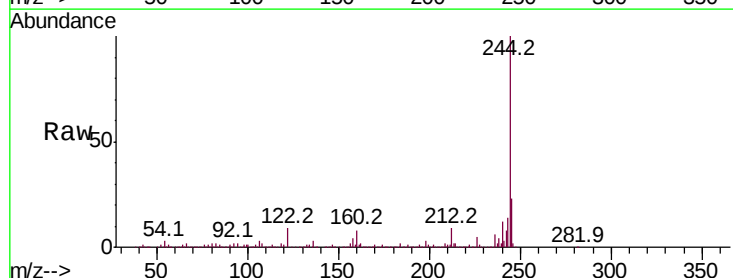
Delta R.T. -0.00 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Tgt Ion:244 Resp: 1374400

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.7	7.1	10.7

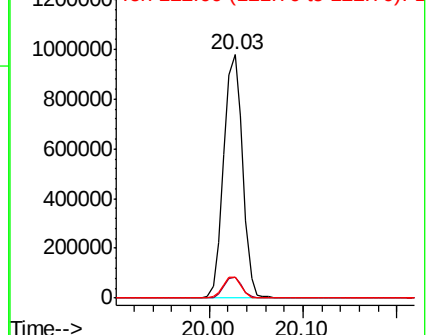
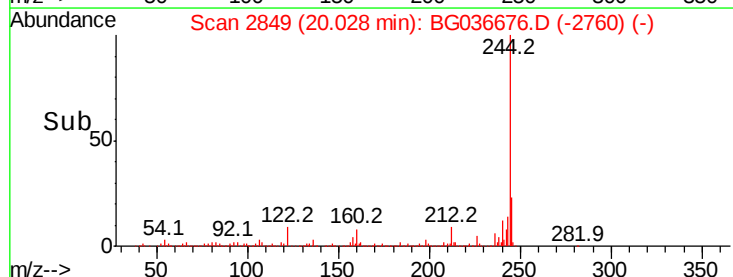


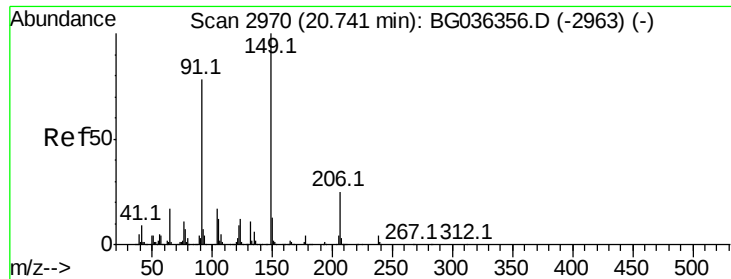
Abundance

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

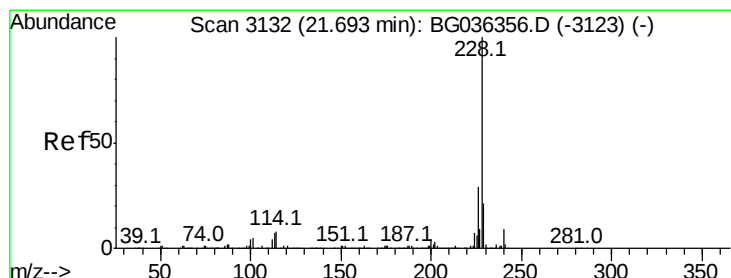
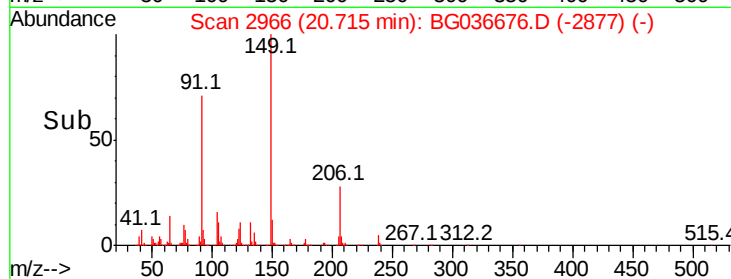
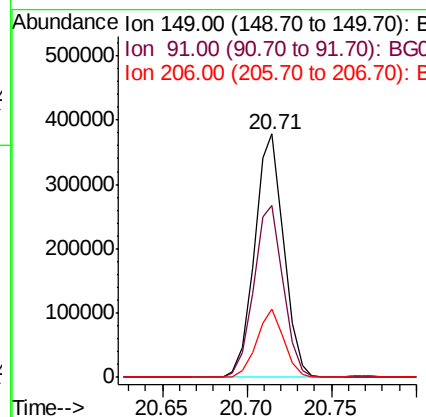
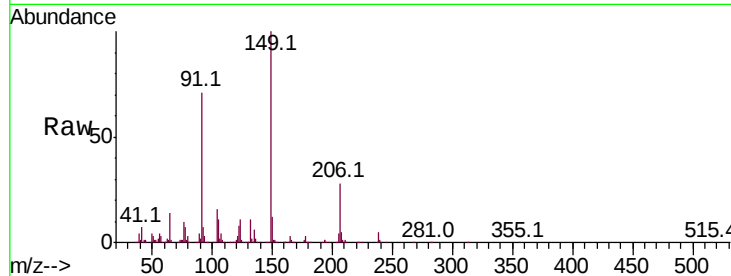




#79
Butylbenzylphthalate
Concen: 43.827 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

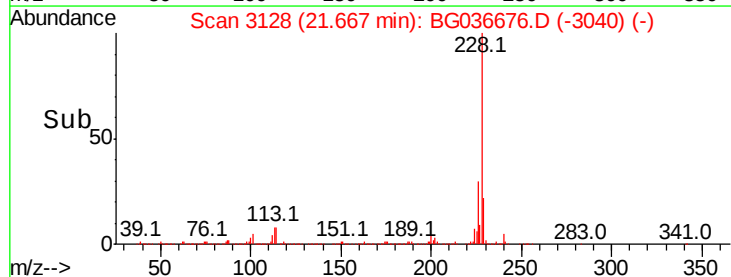
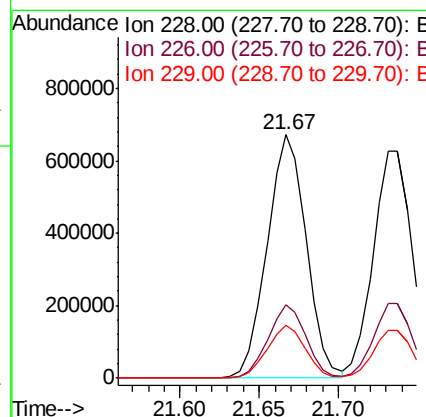
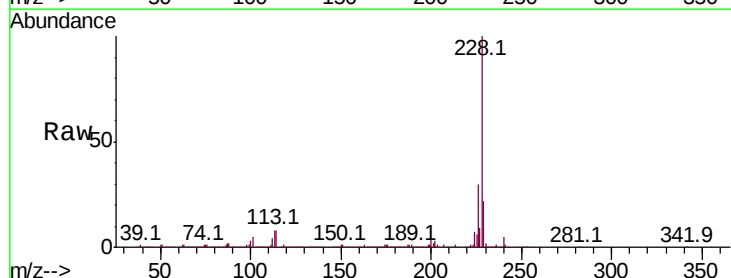
Instrument :
BNA_G
ClientSampleId :
SG-SOILMS

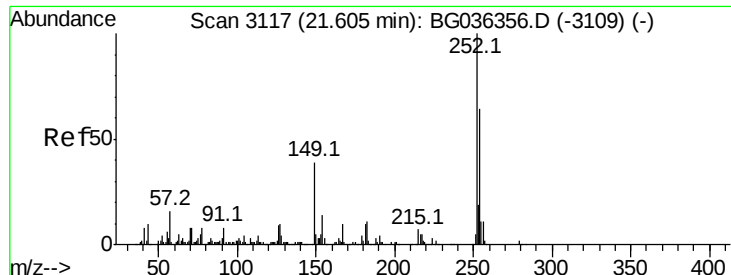
Tot Ion:149 Resp: 454492
Ion Ratio Lower Upper
149 100
91 70.5 62.0 93.0
206 27.8 19.6 29.4



#80
Benzo(a)anthracene
Concen: 44.966 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036676.D
Acq: 12 Sep 2018 17:07

Tgt Ion:228 Resp: 1154330
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.2
229 21.9 17.1 25.7

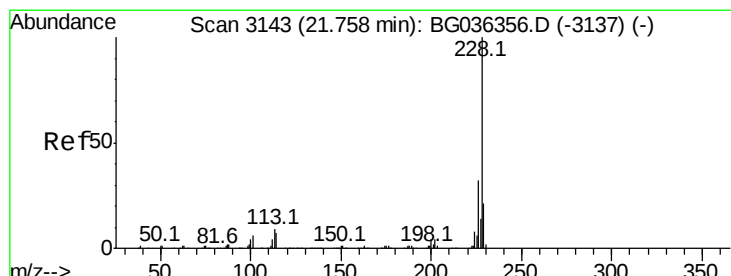
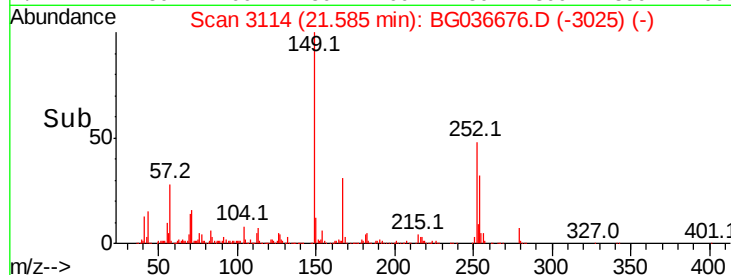
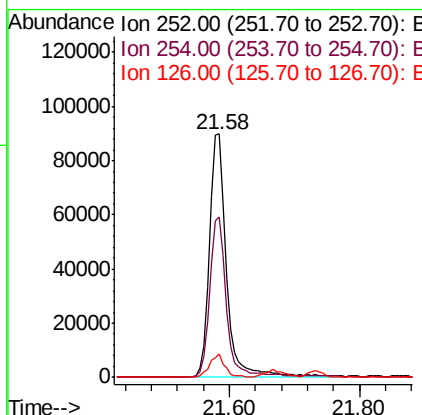
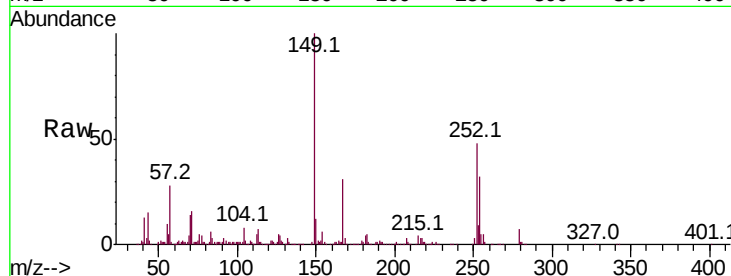




#81
 3,3'-Dichlorobenzidine
 Concen: 16.061 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

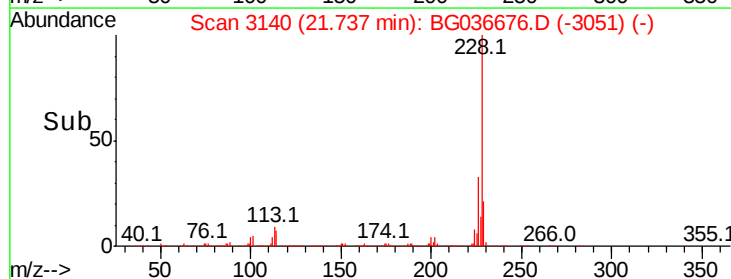
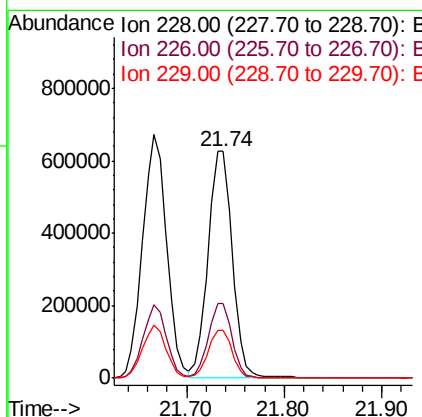
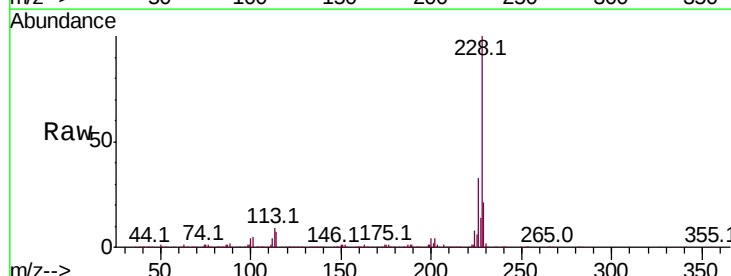
Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMS

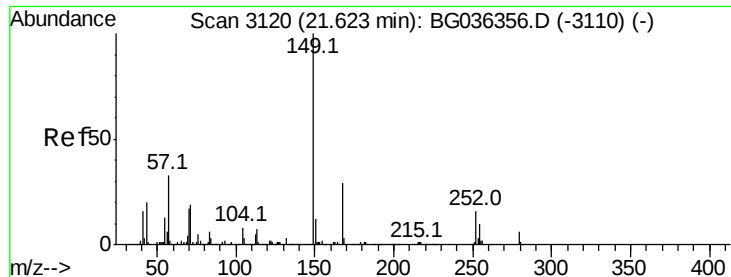
Tot Ion:252 Resp: 164316
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.0 76.4
 126 9.4 7.4 11.0



#82
 Chrysene
 Concen: 44.221 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Tgt Ion:228 Resp: 1076003
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.5 38.3
 229 21.3 16.9 25.3

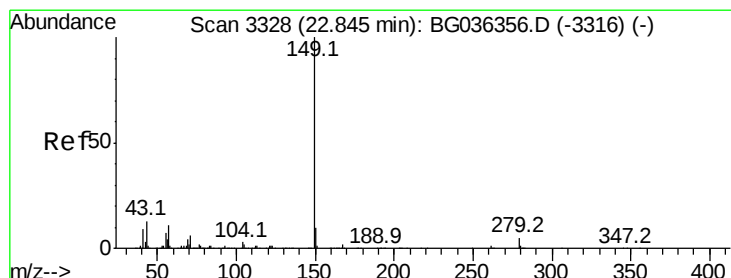
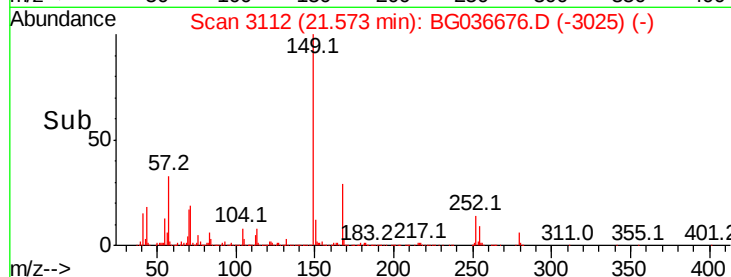
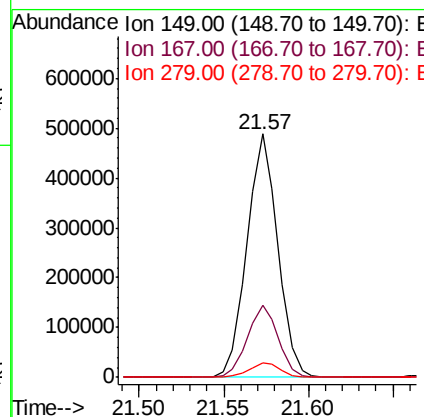
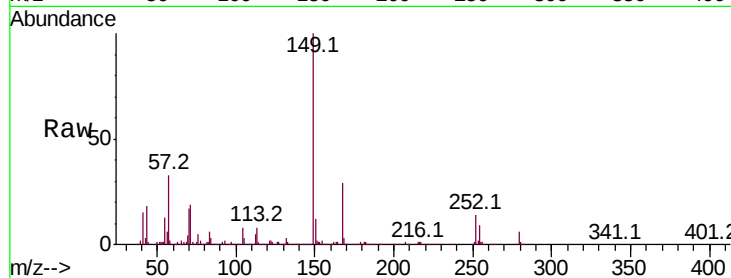




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.803 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

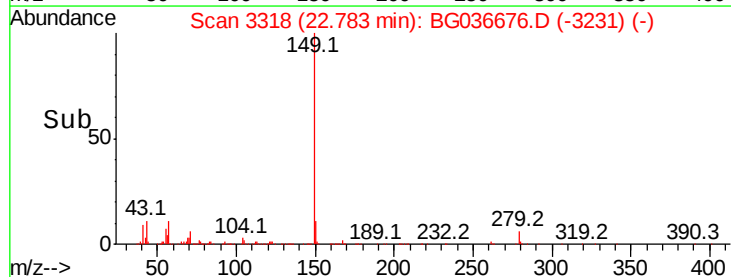
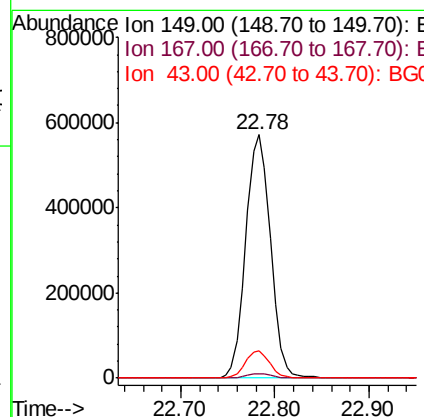
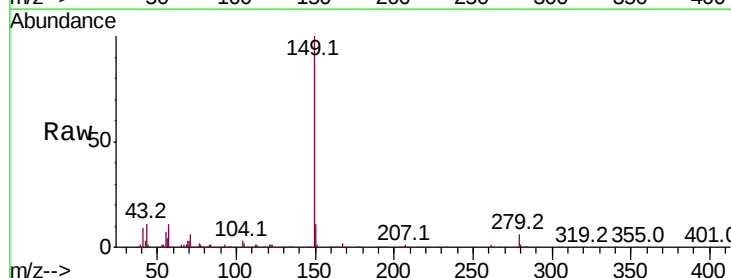
Instrument :
 BNA_G
 ClientSampleId :
 SG-SOILMS

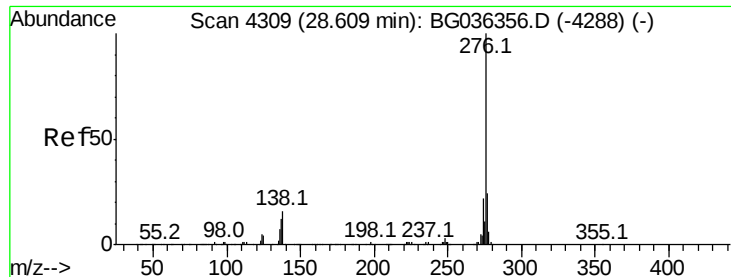
Tot Ion:149 Resp: 621143
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.4 35.0
 279 5.9 4.6 7.0



#84
 Di-n-octyl phthalate
 Concen: 43.056 ng
 RT: 22.78 min Scan# 3318
 Delta R.T. -0.02 min
 Lab File: BG036676.D
 Acq: 12 Sep 2018 17:07

Tgt Ion:149 Resp: 1043632
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 10.9 10.0 15.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.018 ng

RT: 28.54 min Scan# 4297

Delta R.T. -0.02 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

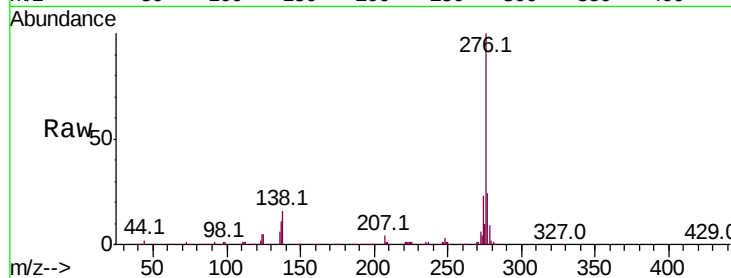
Tot Ion:276 Resp: 1074451

Ion Ratio Lower Upper

276 100

138 18.2 10.6 15.8#

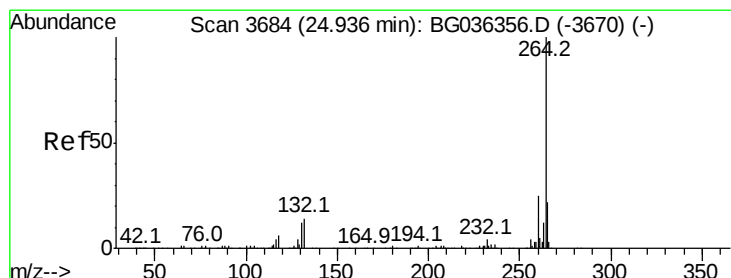
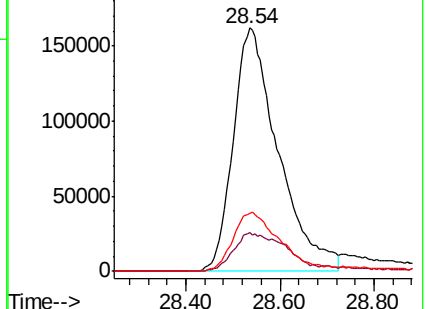
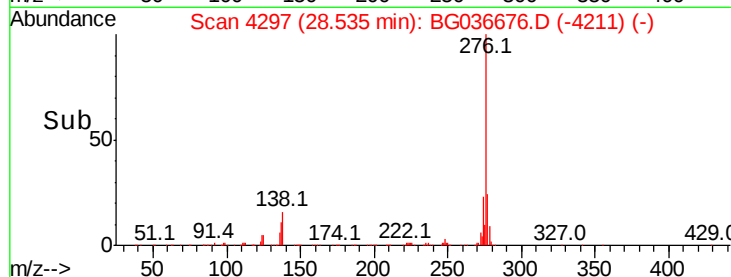
277 25.0 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

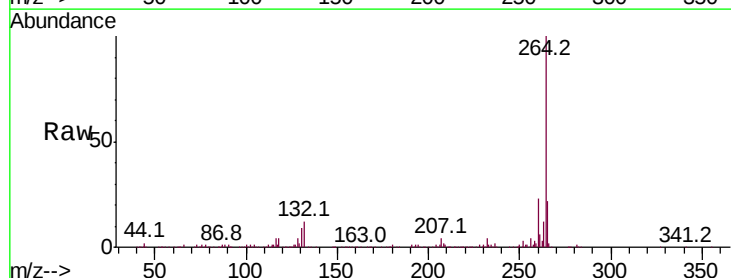
Tgt Ion:264 Resp: 441375

Ion Ratio Lower Upper

264 100

260 22.6 19.6 29.4

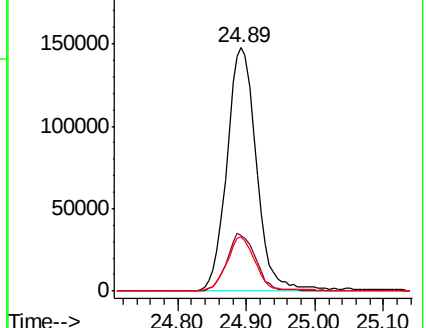
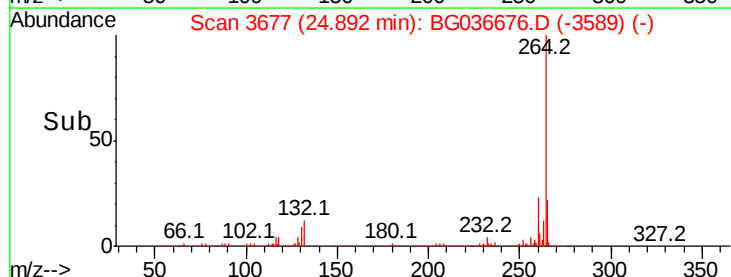
265 22.1 17.4 26.0

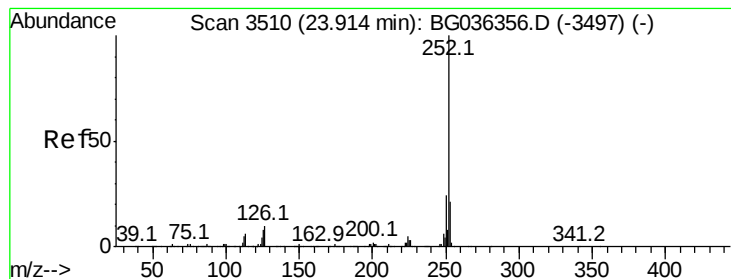


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.708 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

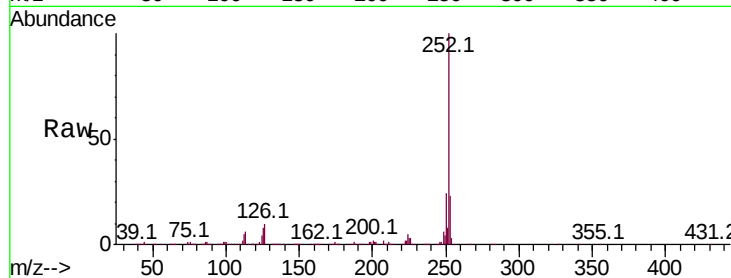
Tot Ion:252 Resp: 1144791

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

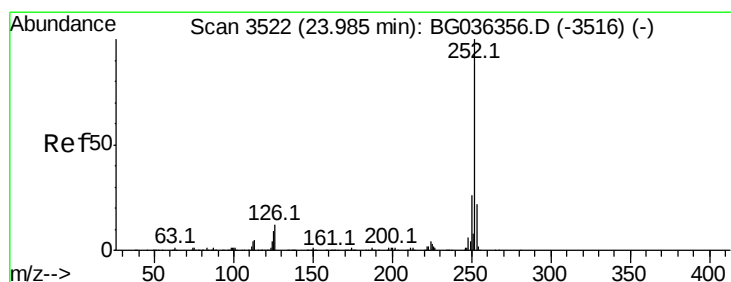
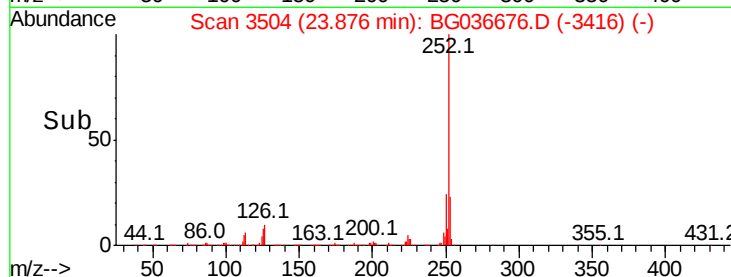
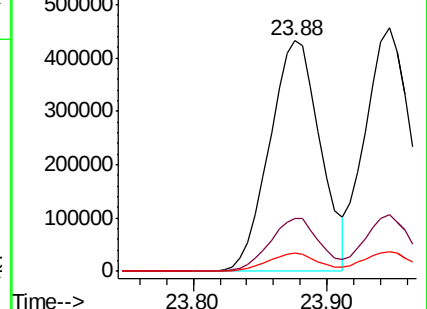
125 8.2 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.978 ng

RT: 23.95 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

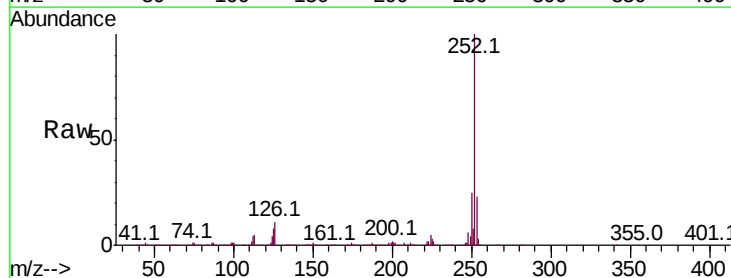
Tgt Ion:252 Resp: 1100939

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

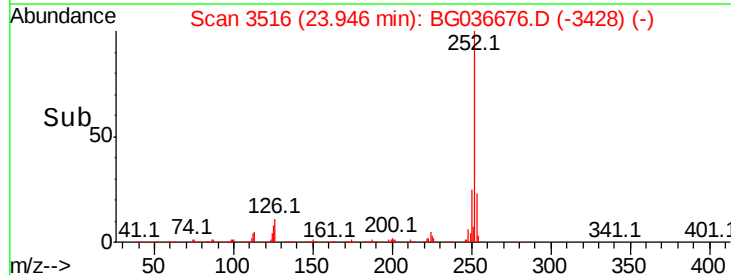
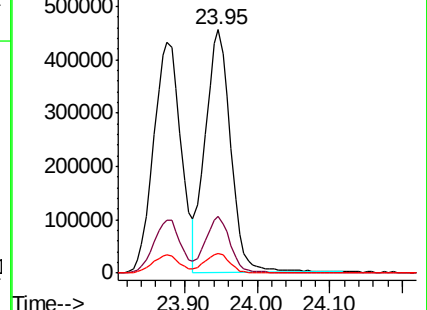
125 8.1 7.0 10.6

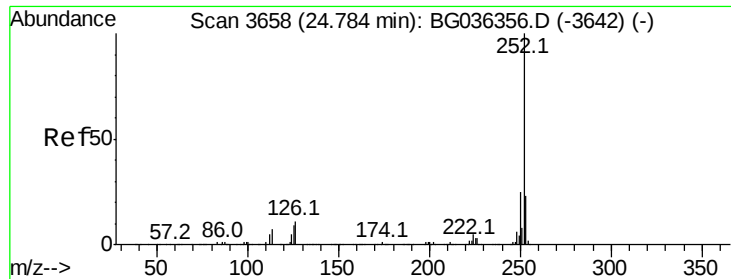


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.834 ng

RT: 24.75 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

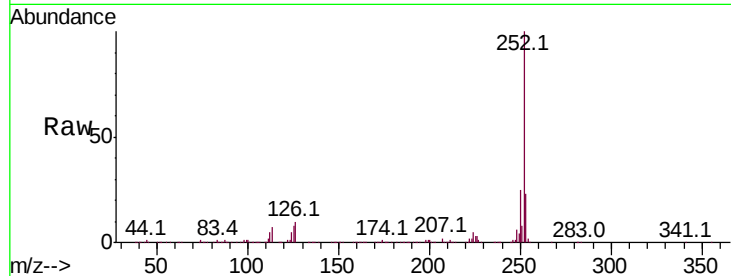
Tot Ion:252 Resp: 1103031

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

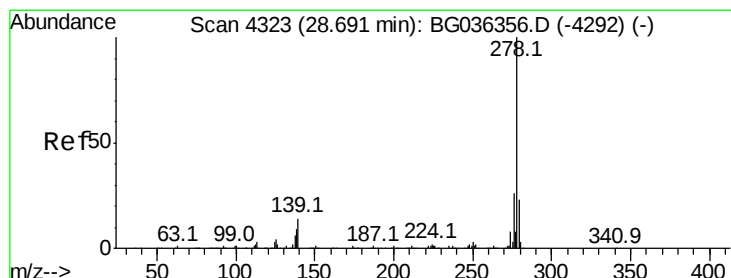
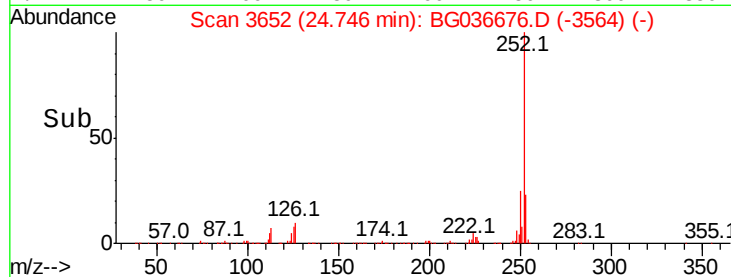
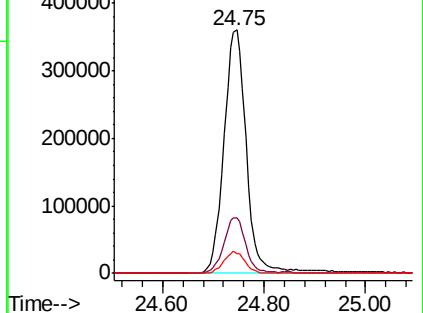
125 8.3 7.3 10.9



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: 38.111 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.03 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

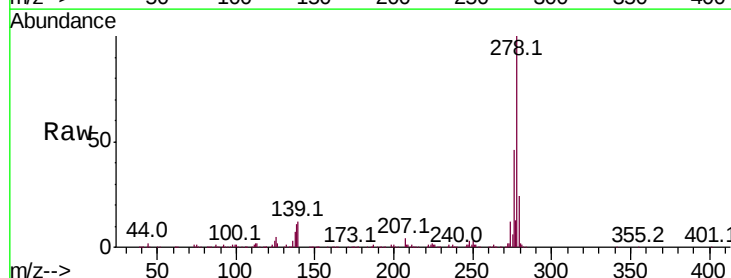
Tgt Ion:278 Resp: 866520

Ion Ratio Lower Upper

278 100

139 11.7 11.0 16.4

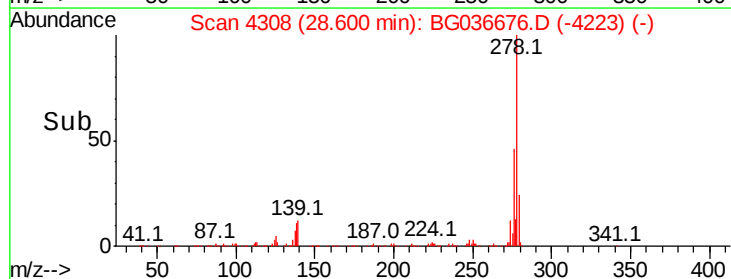
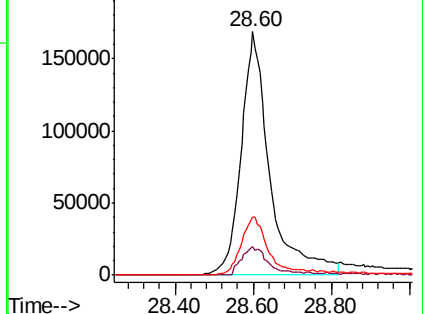
279 23.8 18.7 28.1

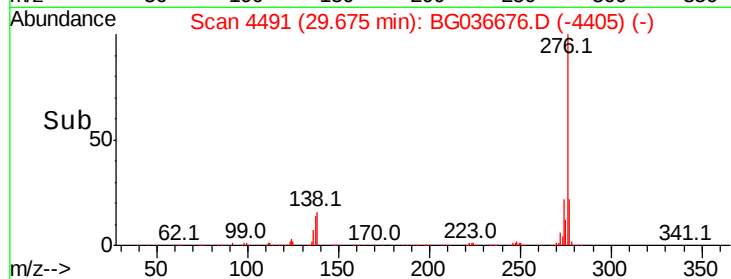
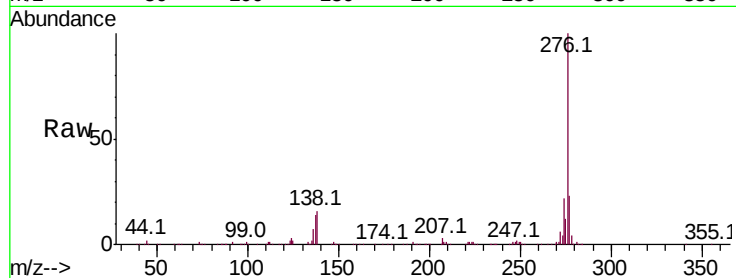
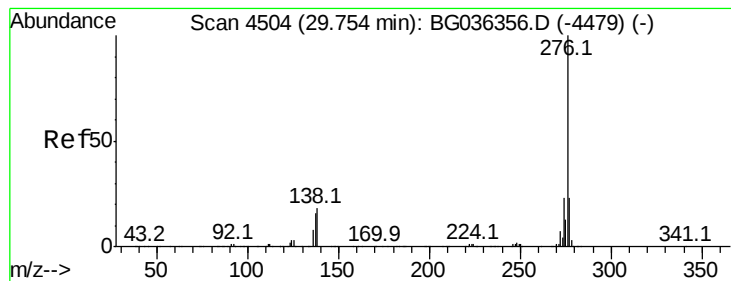


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.258 ng

RT: 29.68 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG036676.D

Acq: 12 Sep 2018 17:07

Instrument :

BNA_G

ClientSampleId :

SG-SOILMS

Tot Ion:276 Resp: 942707

Ion Ratio Lower Upper

276 100

277 22.6 18.4 27.6

138 16.4 14.6 22.0

