

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030911.D
 Acq On : 10 Nov 2017 17:46
 Operator : SJ/JU
 Sample : I6298-15DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PT-BNA-SoilDL

Quant Time: Nov 11 05:52:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42327	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	182147	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	129189	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	345475	20.00	ng	0.00
75) Chrysene-d12	21.78	240	415529	20.00	ng	0.00
86) Perylene-d12	25.08	264	412087	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	43269	17.53	ng	0.00
7) Phenol-d6	7.31	99	58684	17.65	ng	0.00
23) Nitrobenzene-d5	9.31	82	36572	11.90	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	38097	18.23	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	116649	12.97	ng	-0.02
78) Terphenyl-d14	20.09	244	244041	12.97	ng	0.00

Target Compounds				Qvalue		
11) bis(2-Chloroethyl)ether	7.55	93	42883	15.552	ng	92
12) 1,3-Dichlorobenzene	8.03	146	89503	28.005	ng	97
13) 1,4-Dichlorobenzene	8.18	146	42213	13.034	ng	93
14) 1,2-Dichlorobenzene	8.50	146	62558	20.125	ng	96
18) Hexachloroethane	9.23	117	12623	11.199	ng	# 79
25) Isophorone	9.87	82	228145	38.057	ng	# 92
26) 2-Nitrophenol	10.07	139	58317	35.631	ng	90
28) bis(2-Chloroethoxy)methane	10.35	93	40338	10.684	ng	# 93
34) Hexachlorobutadiene	11.29	225	49511	20.494	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	67708	21.321	ng	92
37) 2-Methylnaphthalene	12.60	142	105758	15.300	ng	94
42) 2,4,6-Trichlorophenol	13.21	196	74818	25.525	ng	98
43) 2,4,5-Trichlorophenol	13.28	196	99865	31.139	ng	92
48) Acenaphthylene	14.49	152	319886	25.286	ng	98
49) Dimethylphthalate	14.21	163	198148	17.739	ng	99
54) Dibenzofuran	15.16	168	260120	20.670	ng	99
55) 4-Nitrophenol	14.99	139	51307	29.462	ng	# 82
57) Fluorene	15.81	166	234779	22.979	ng	98
59) Diethylphthalate	15.56	149	140082	12.346	ng	97
60) 4-Chlorophenyl-phenylether	15.79	204	116326	18.852	ng	92
66) 4-Bromophenyl-phenylether	16.69	248	61701	14.101	ng	95
67) Hexachlorobenzene	16.82	284	96480	20.752	ng	94
69) Pentachlorophenol	17.16	266	50760	19.751	ng	97
70) Phenanthrene	17.55	178	162042	9.008	ng	99
73) Di-n-butylphthalate	18.44	149	466224	22.484	ng	99
79) Butylbenzylphthalate	20.77	149	364975	37.124	ng	87
80) Benzo(a)anthracene	21.76	228	479215	18.566	ng	99
82) Chrysene	21.82	228	255989	10.722	ng	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	127355	8.974	ng	98
84) Di-n-octyl phthalate	22.87	149	752962	32.598	ng	# 95
87) Benzo(b)fluoranthene	24.03	252	249043	9.991	ng	97
88) Benzo(k)fluoranthene	24.10	252	221827	8.978	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

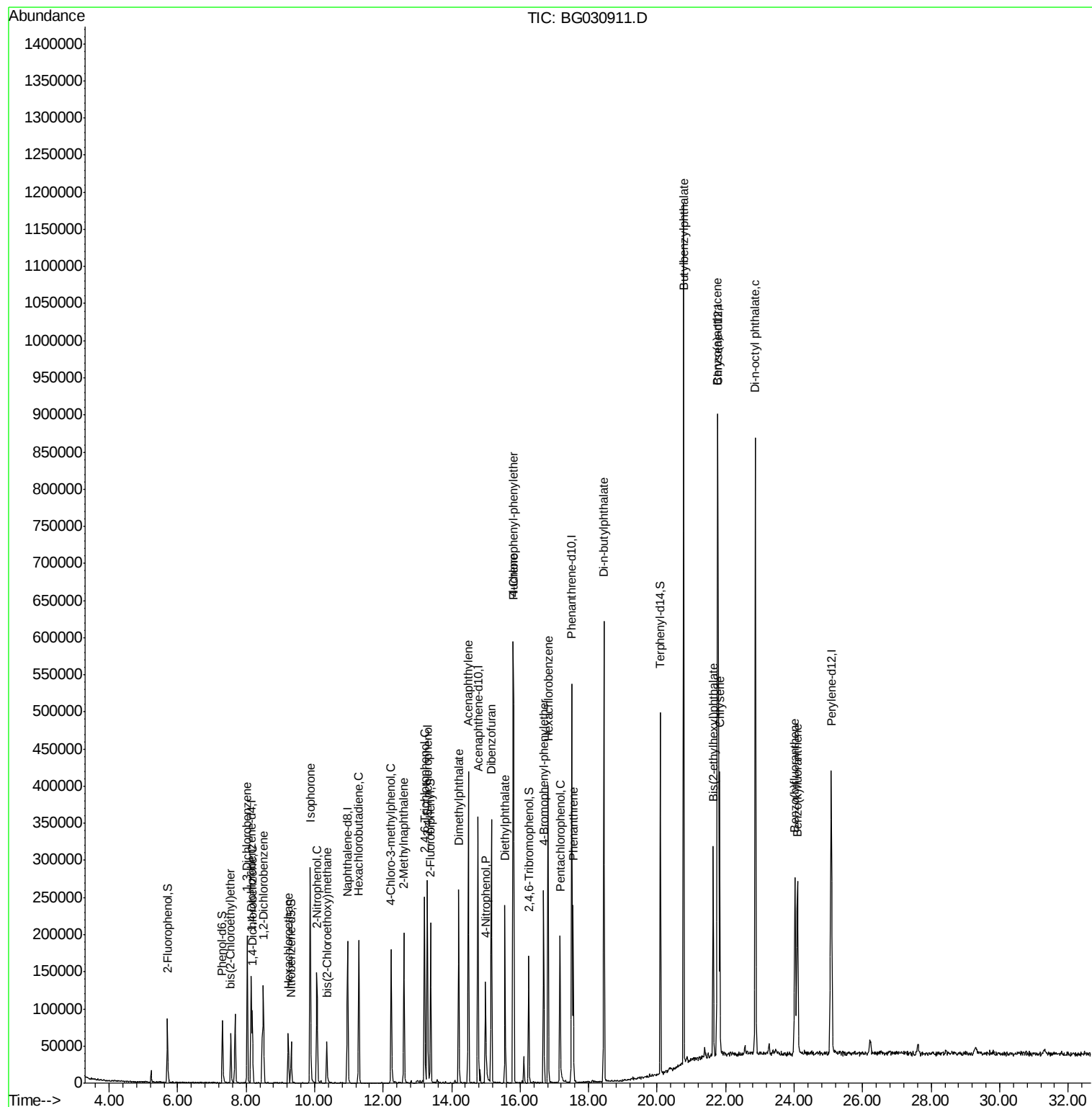
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

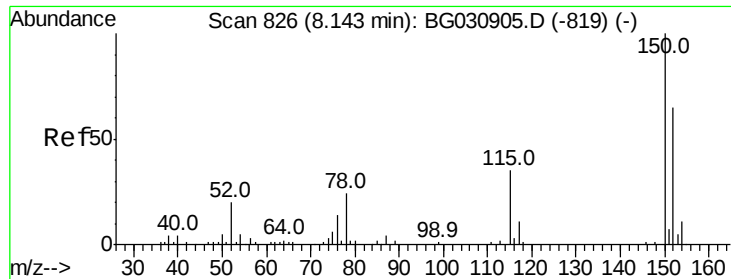
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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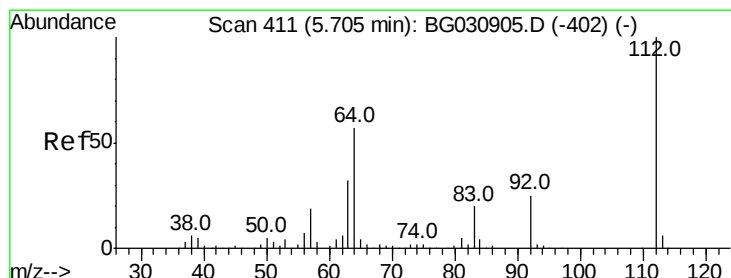
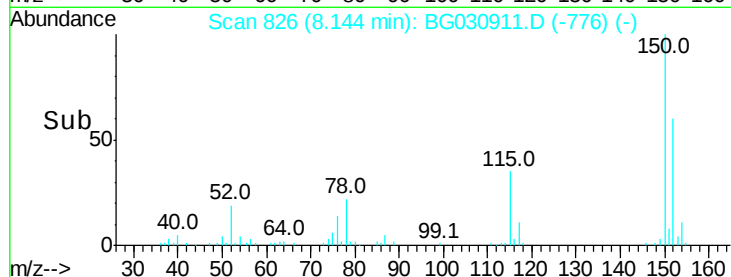
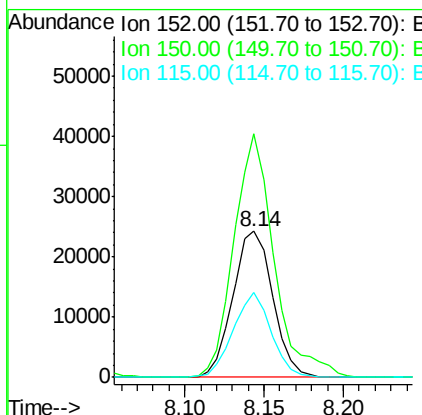
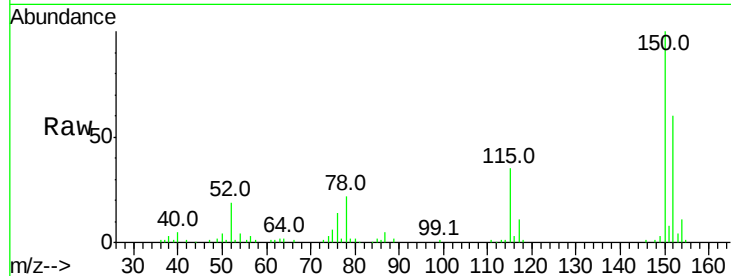


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

Instrument :
 BNA_G
 ClientSampleID :
 PT-BNA-SoilDL

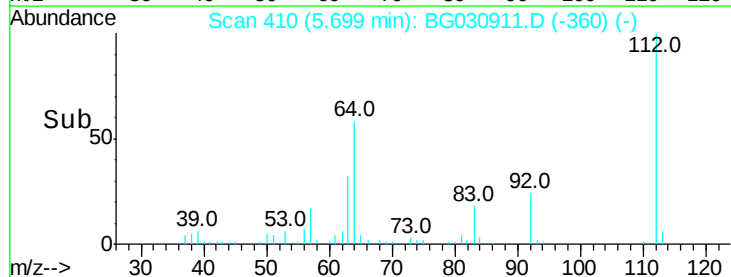
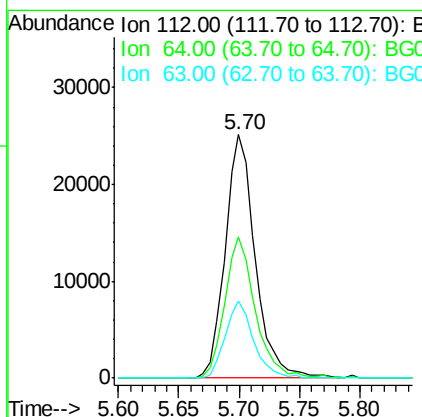
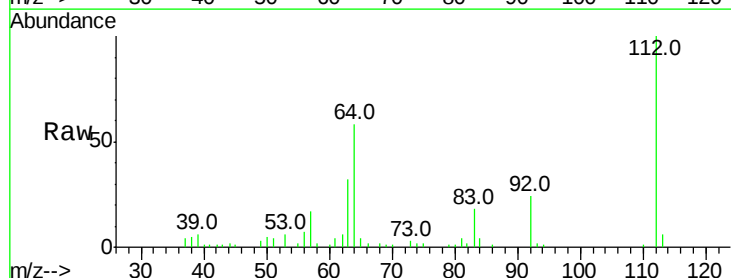
Tot Ion:152 Resp: 42327
 Ion Ratio Lower Upper
 152 100
 150 166.6 126.6 189.8
 115 58.2 53.0 79.4

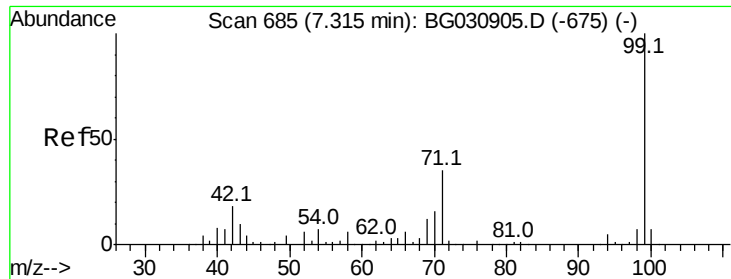


#5

2-Fluorophenol
 Concen: 17.529 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

Tgt Ion:112 Resp: 43269
 Ion Ratio Lower Upper
 112 100
 64 58.2 56.3 84.5
 63 31.7 30.1 45.1





#7

Phenol-d6

Concen: 17.647 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SoilDL

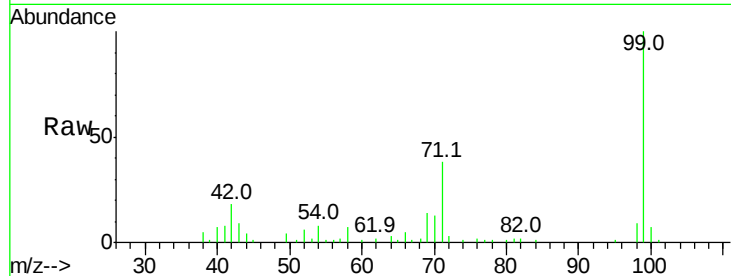
Tot Ion: 99 Resp: 58684

Ion Ratio Lower Upper

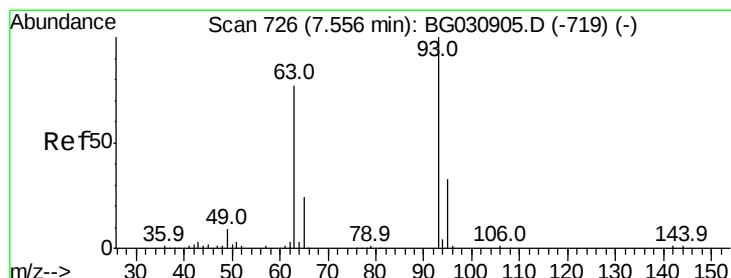
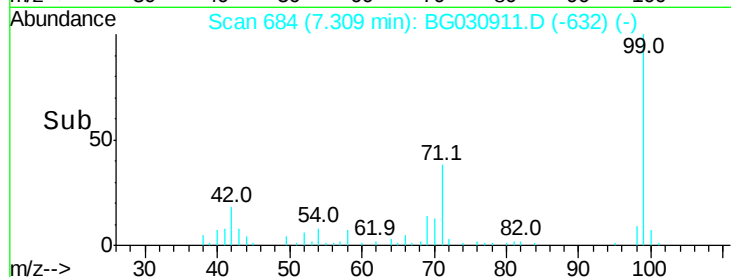
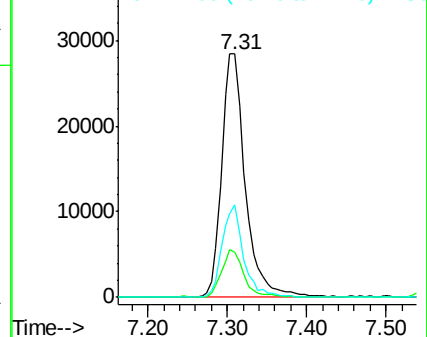
99 100

42 18.5 14.1 21.1

71 38.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 15.552 ng

RT: 7.55 min Scan# 725

Delta R.T. -0.02 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

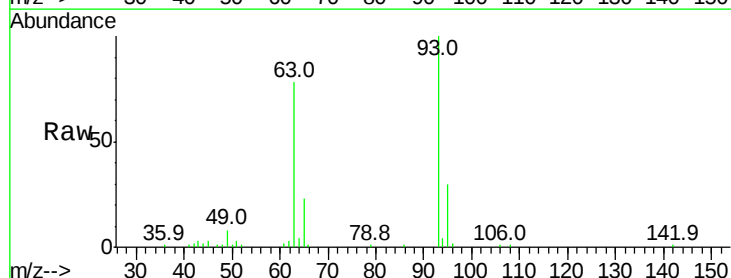
Tgt Ion: 93 Resp: 42883

Ion Ratio Lower Upper

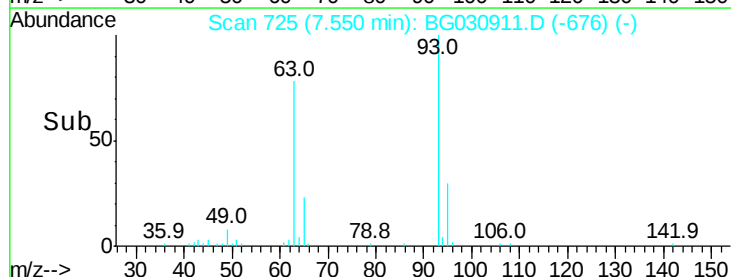
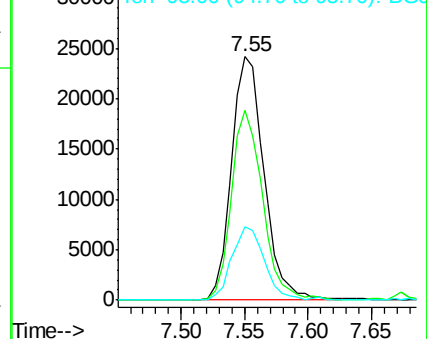
93 100

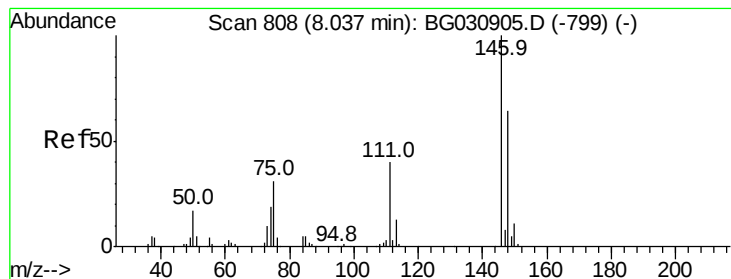
63 78.1 67.1 107.1

95 30.4 11.5 51.5



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: 28.005 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SoilDL

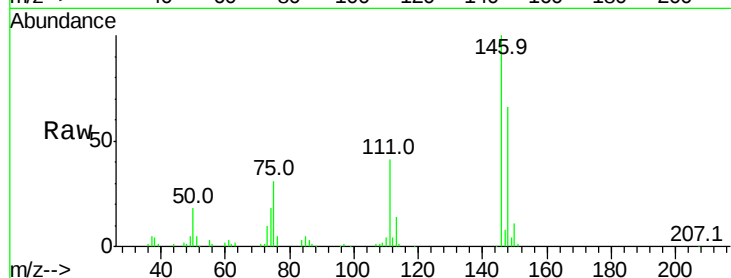
Tot Ion:146 Resp: 89503

Ion Ratio Lower Upper

146 100

148 66.4 51.4 77.2

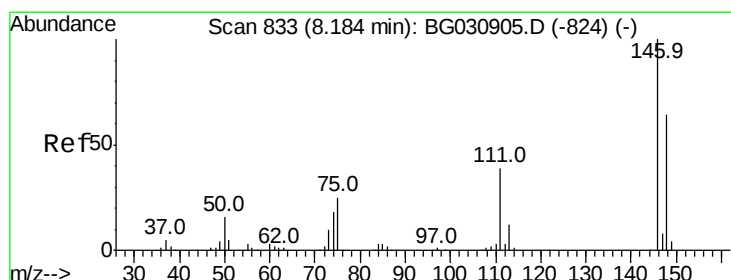
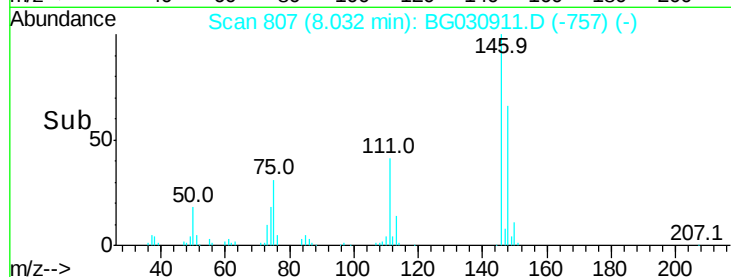
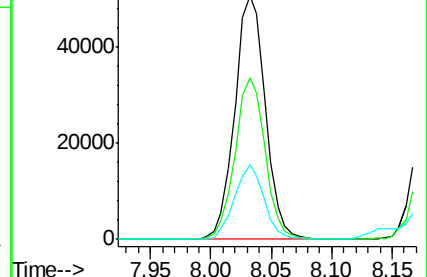
75 30.6 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 13.034 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

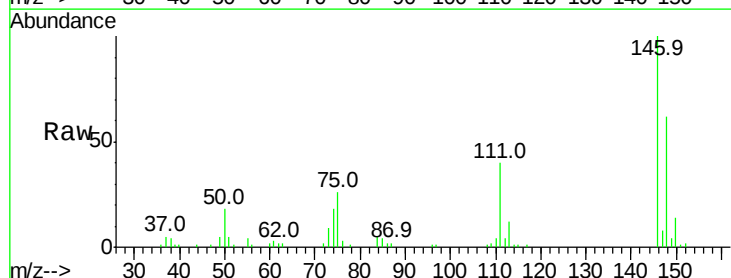
Tgt Ion:146 Resp: 42213

Ion Ratio Lower Upper

146 100

148 62.0 53.7 80.5

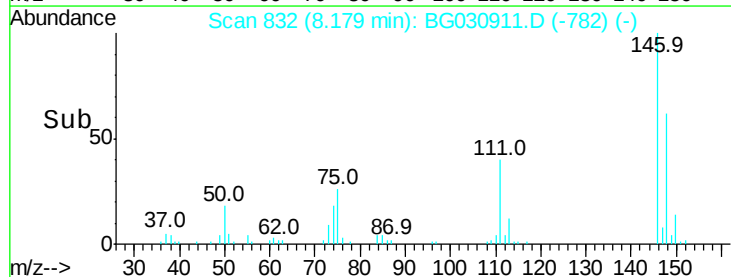
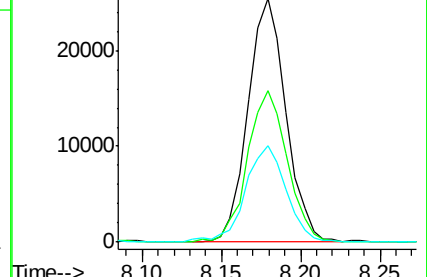
111 39.6 35.2 52.8

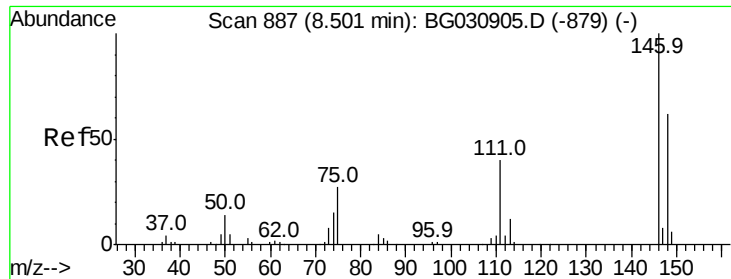


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

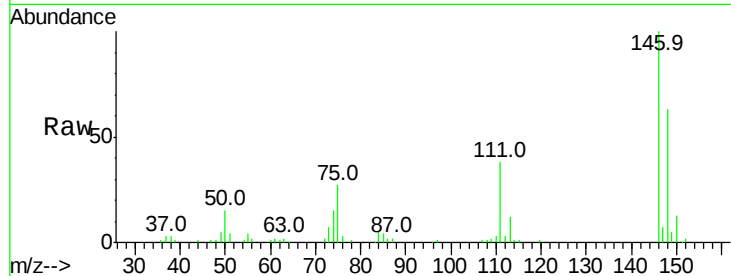




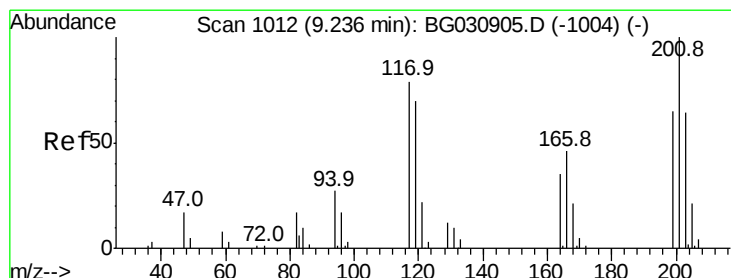
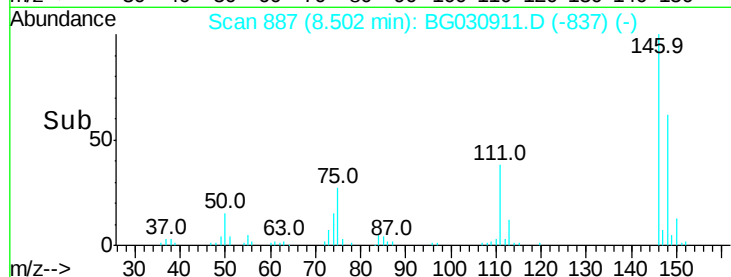
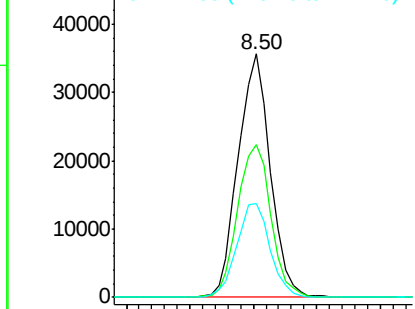
#14
 1,2-Dichlorobenzene
 Concen: 20.125 ng
 RT: 8.50 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SoilDL

Tot Ion:146 Resp: 62558
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.3 73.9
 111 38.5 34.3 51.5

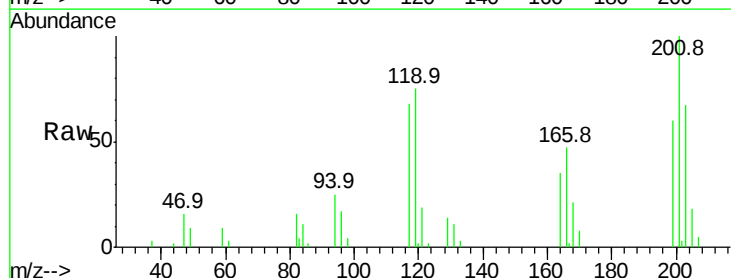


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

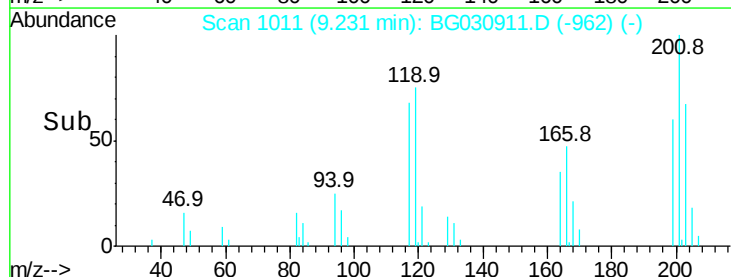
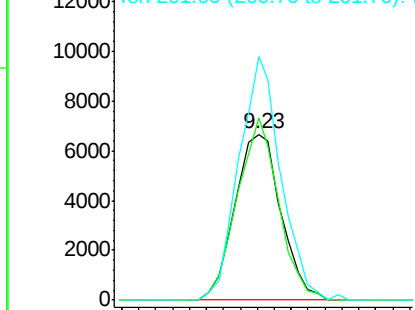


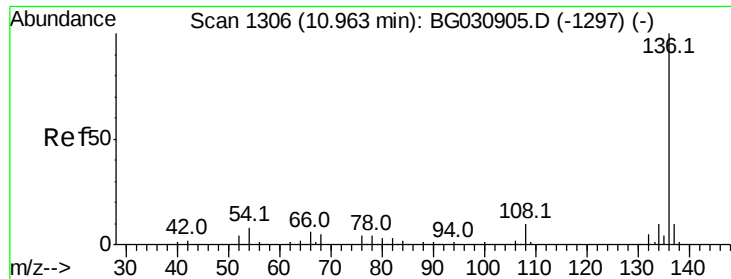
#18
 Hexachloroethane
 Concen: 11.199 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.02 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

Tgt Ion:117 Resp: 12623
 Ion Ratio Lower Upper
 117 100
 119 112.6 76.7 115.1
 201 146.8 95.7 143.5#



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

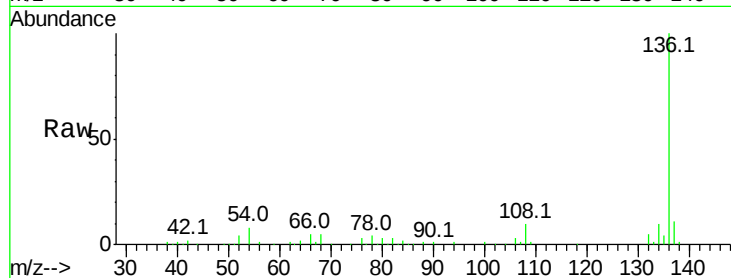




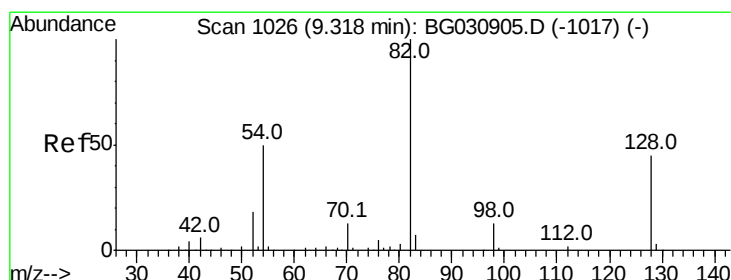
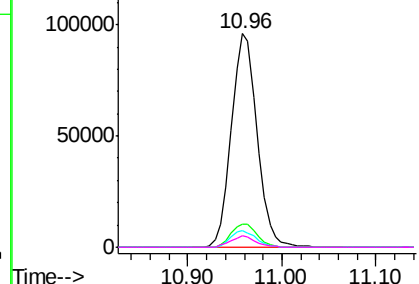
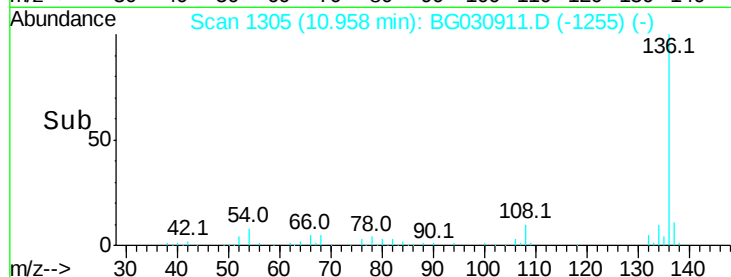
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Instrument :
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Tot Ion:136	Resp:	182147
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	7.6	10.3 15.5
68	5.4	4.5 6.7

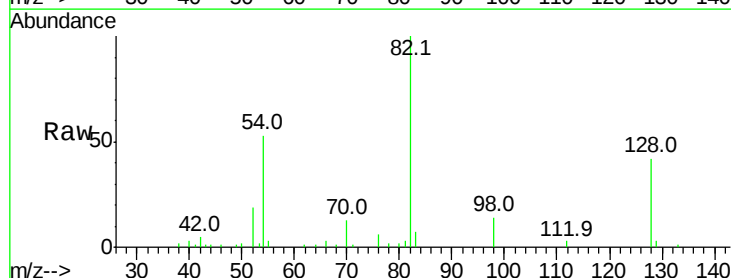


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

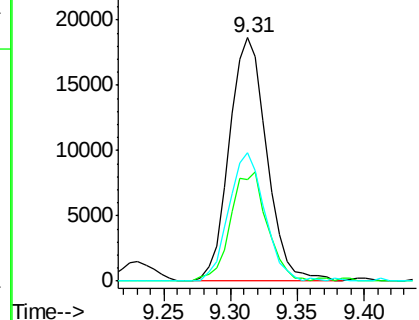
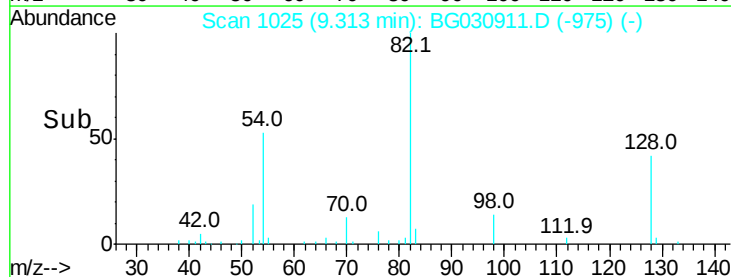


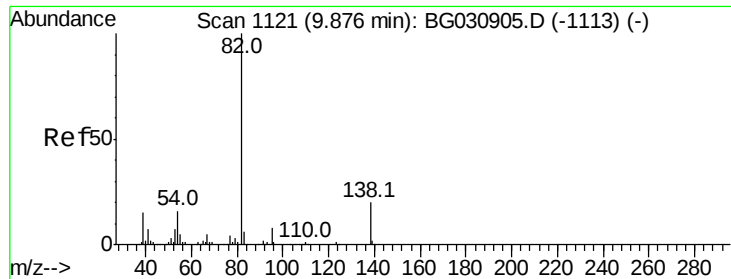
#23
Nitrobenzene-d5
Concen: 11.898 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion: 82	Resp:	36572
Ion Ratio	Lower	Upper
82	100	
128	41.9	29.7 44.5
54	52.8	43.1 64.7



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





#25

Isophorone

Concen: 38.057 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SoilDL

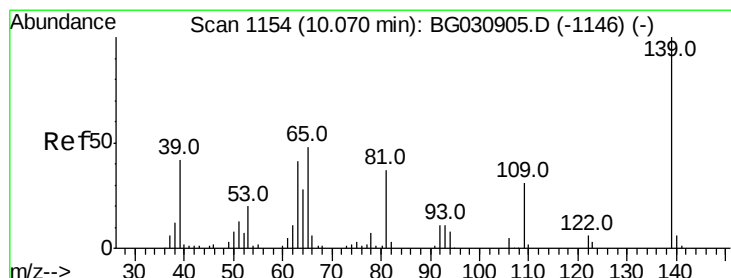
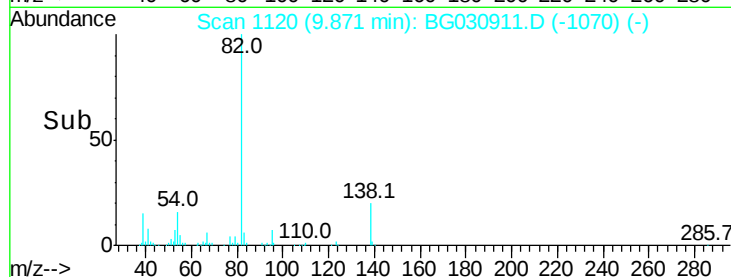
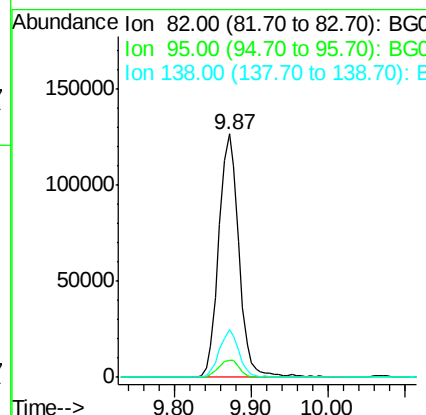
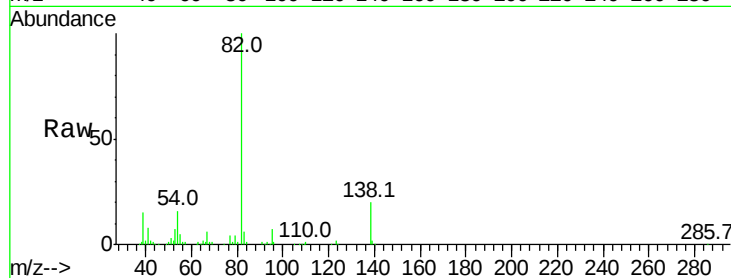
Tot Ion: 82 Resp: 228145

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 19.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 35.631 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

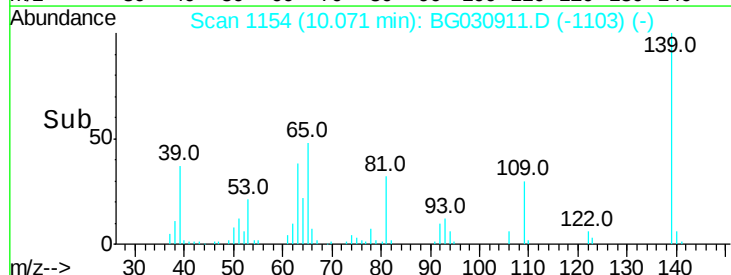
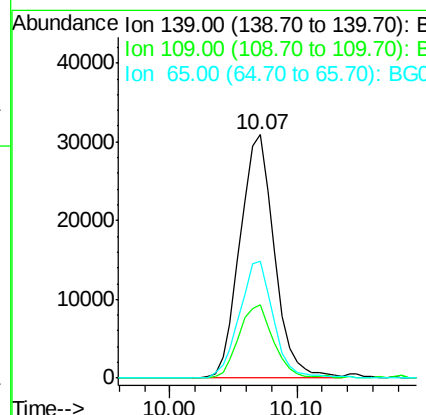
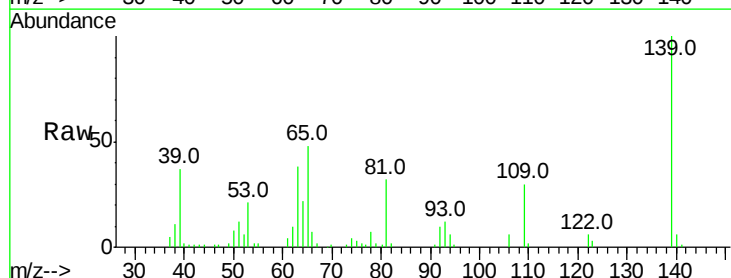
Tgt Ion: 139 Resp: 58317

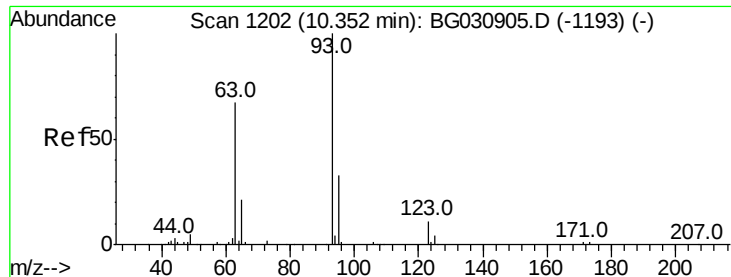
Ion Ratio Lower Upper

139 100

109 30.2 24.2 36.2

65 48.1 47.4 71.0

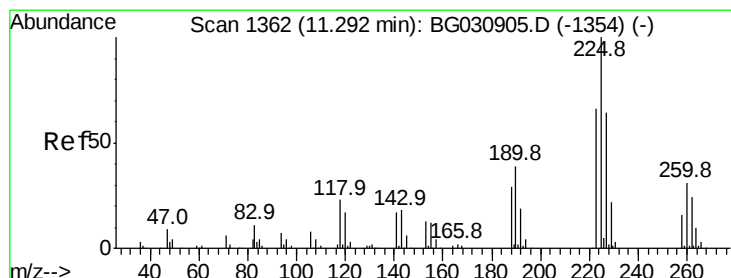
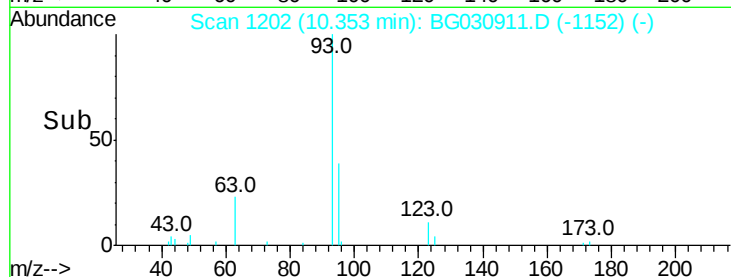
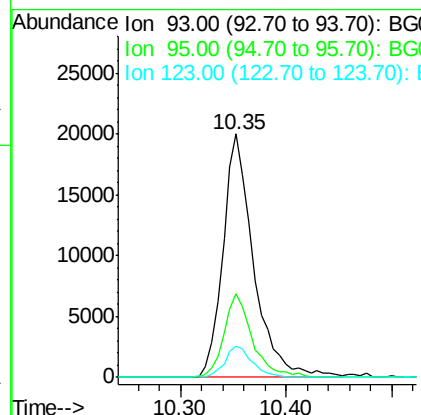
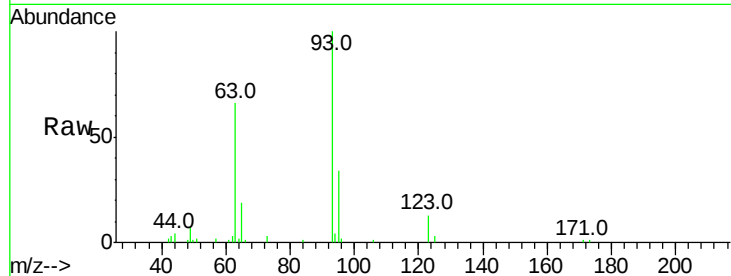




#28
bis(2-Chloroethoxy)methane
Concen: 10.684 ng
RT: 10.35 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

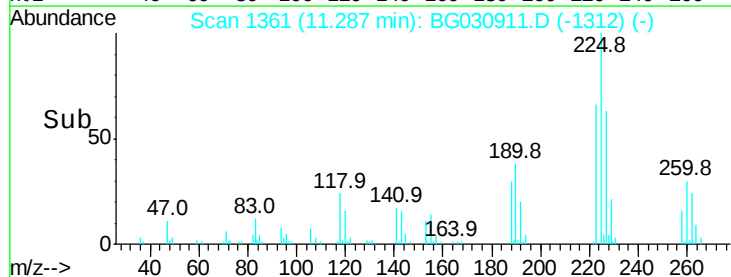
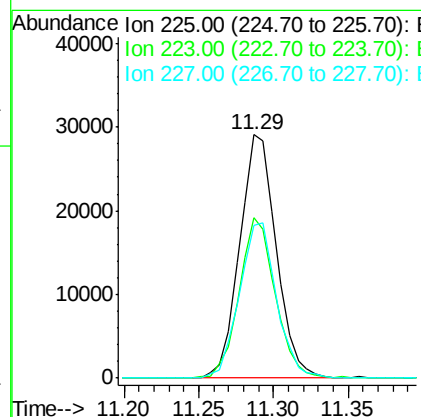
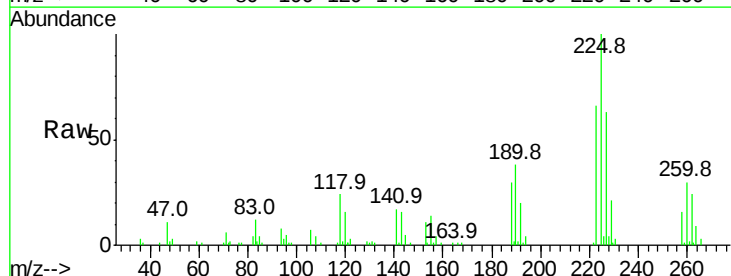
Instrument :
BNA_G
ClientSampleID :
PT-BNA-SoilDL

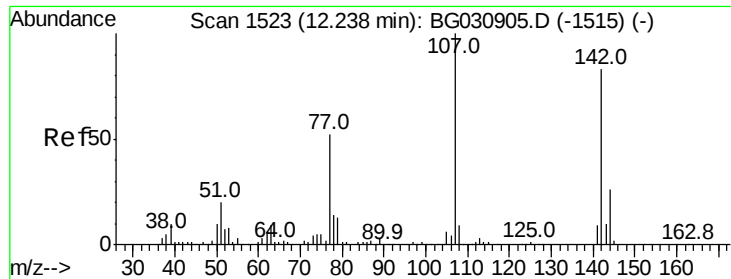
Tot Ion: 93 Resp: 40338
Ion Ratio Lower Upper
93 100
95 34.2 24.3 36.5
123 12.8 8.4 12.6#



#34
Hexachlorobutadiene
Concen: 20.494 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion: 225 Resp: 49511
Ion Ratio Lower Upper
225 100
223 66.1 49.7 74.5
227 62.6 48.1 72.1

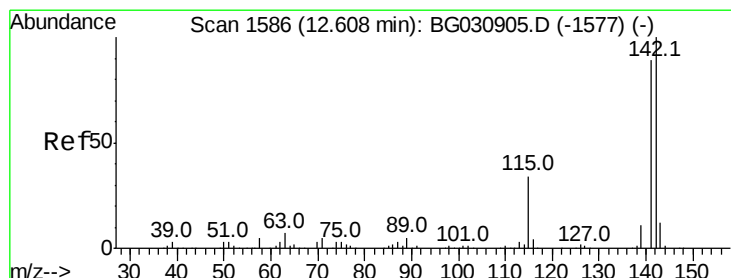
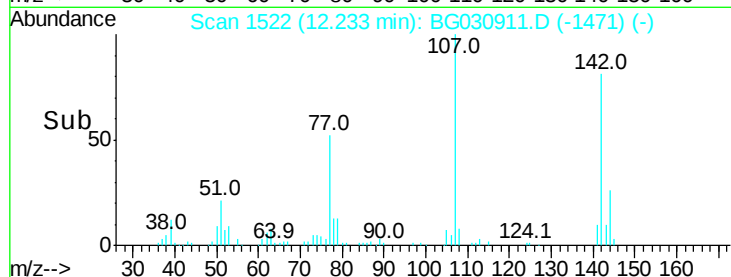
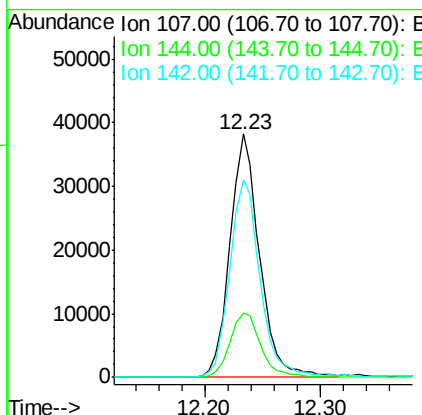
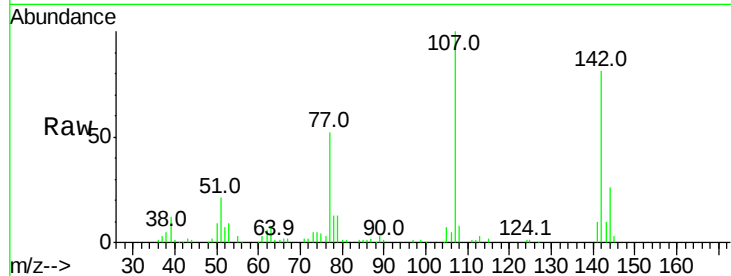




#36
 4-Chloro-3-methylphenol
 Concen: 21.321 ng
 RT: 12.23 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

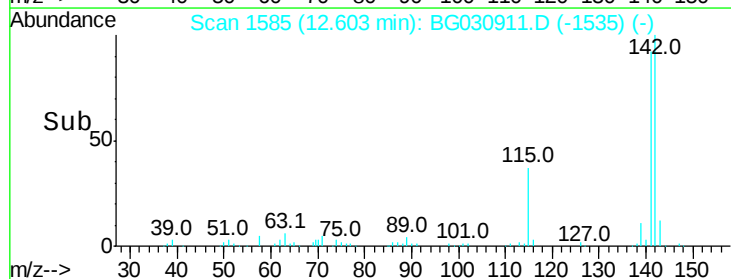
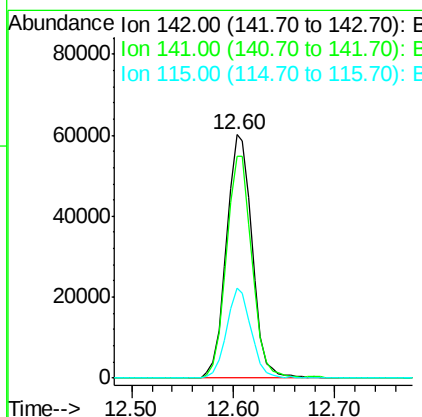
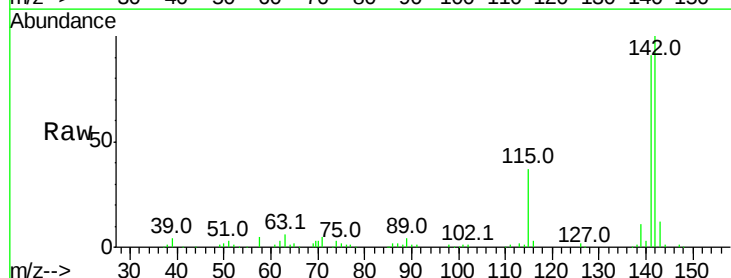
Instrument :
 BNA_G
 ClientSampleID :
 PT-BNA-SoilDL

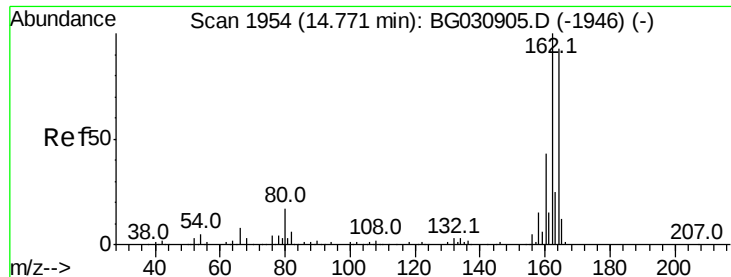
Tot Ion:107 Resp: 67708
 Ion Ratio Lower Upper
 107 100
 144 26.2 18.2 27.4
 142 81.0 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 15.300 ng
 RT: 12.60 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

Tgt Ion:142 Resp: 105758
 Ion Ratio Lower Upper
 142 100
 141 91.0 67.1 100.7
 115 37.0 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleID :

PT-BNA-SoilDL

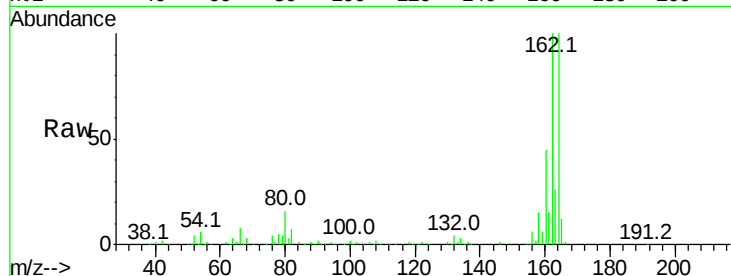
Tot Ion:164 Resp: 129189

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

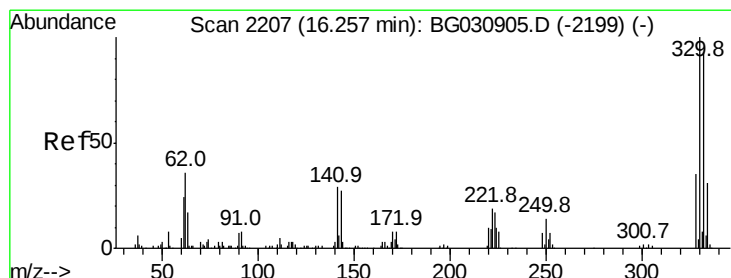
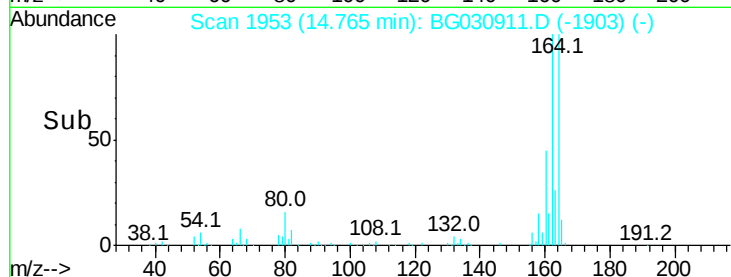
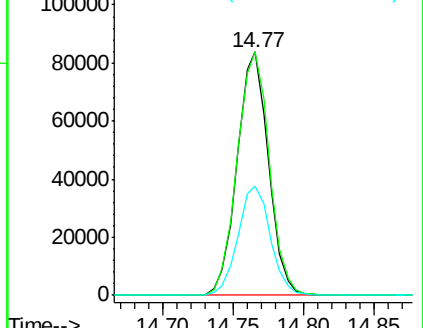
160 45.0 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 18.229 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

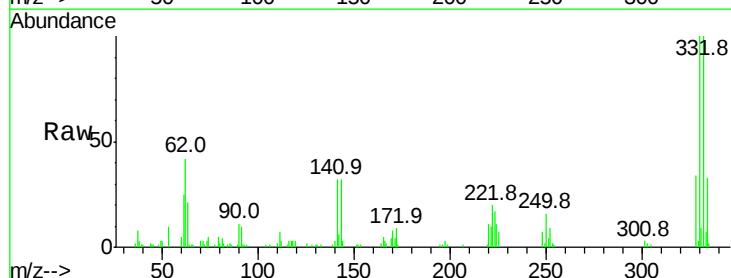
Tgt Ion:330 Resp: 38097

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

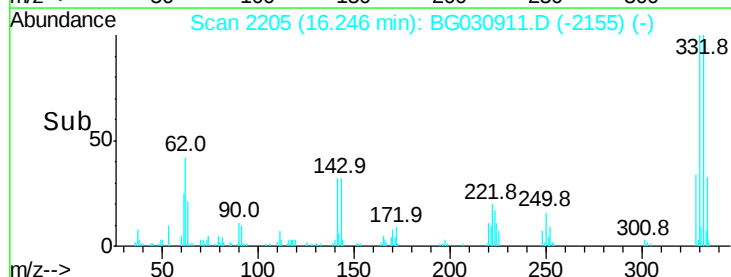
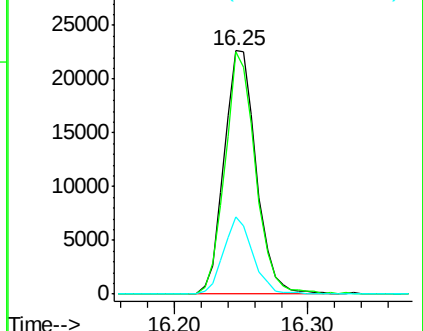
141 29.3 25.2 37.8

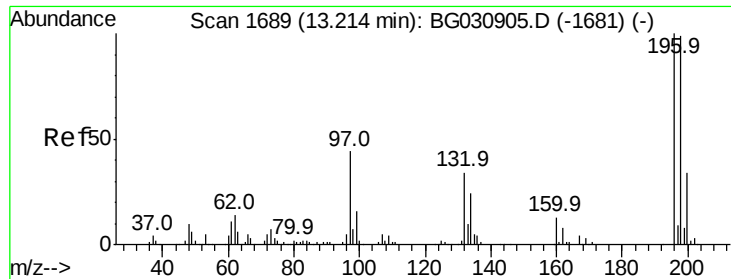


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

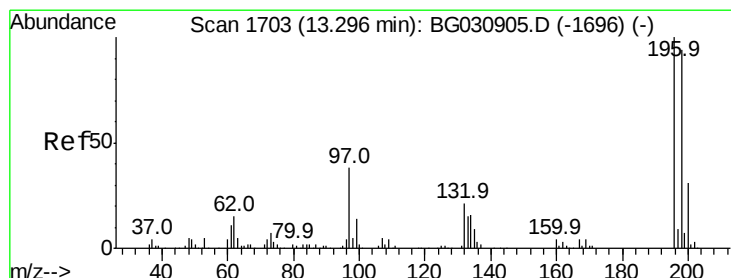
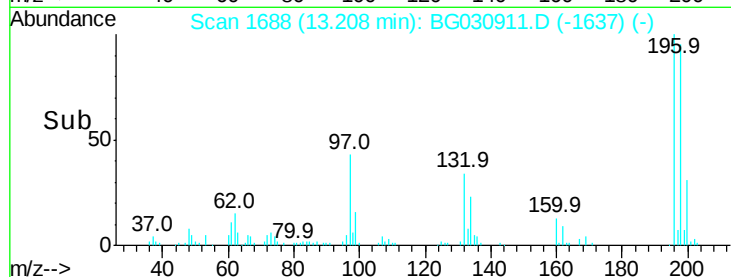
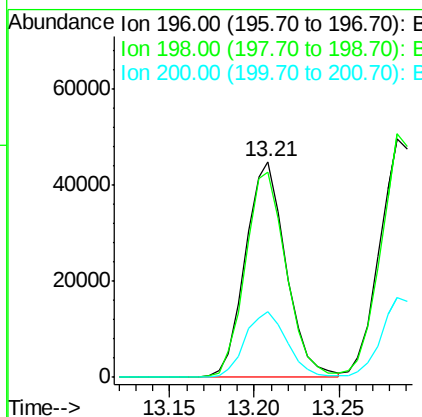
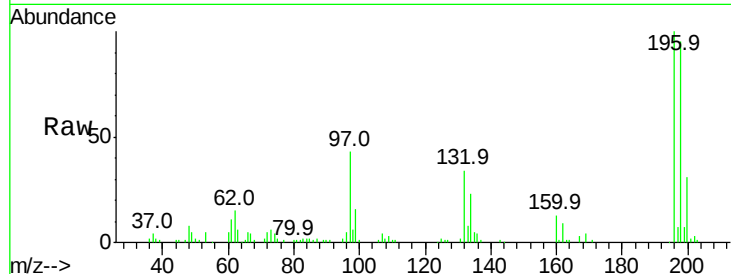




#42
 2,4,6-Trichlorophenol
 Concen: 25.525 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

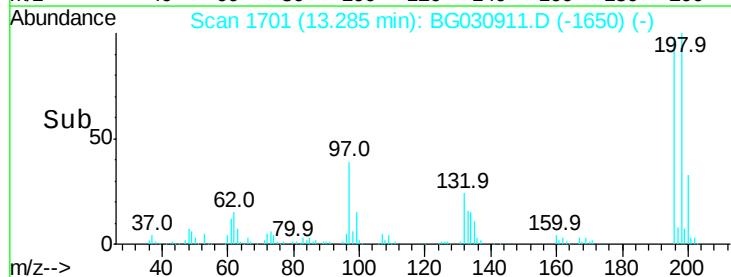
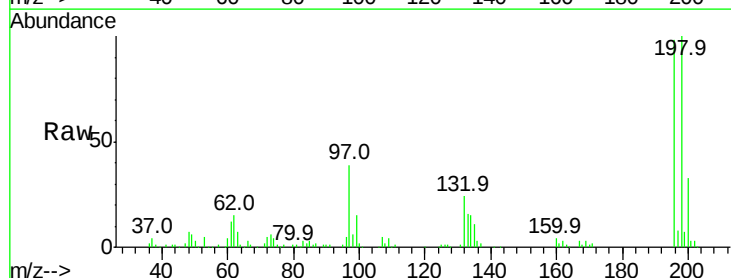
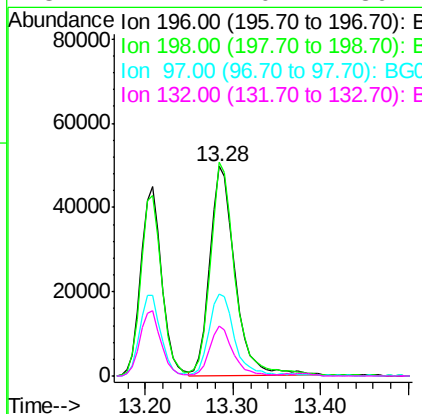
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SoilDL

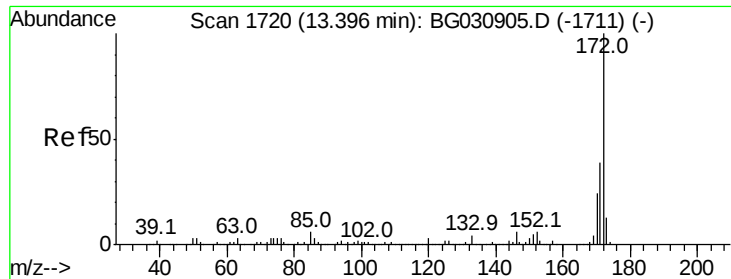
Tot Ion:196 Resp: 74818
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.2 117.2
 200 30.5 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 31.139 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

Tgt Ion:196 Resp: 99865
 Ion Ratio Lower Upper
 196 100
 198 101.9 76.2 114.4
 97 39.3 38.7 58.1
 132 24.1 20.2 30.2

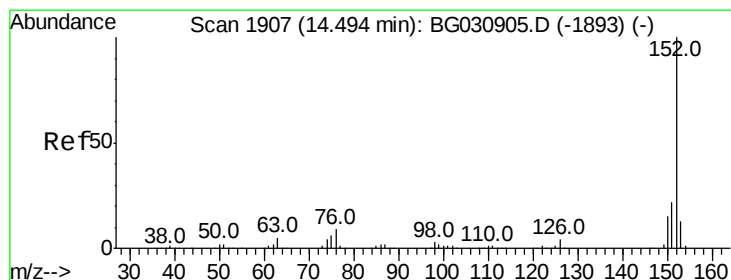
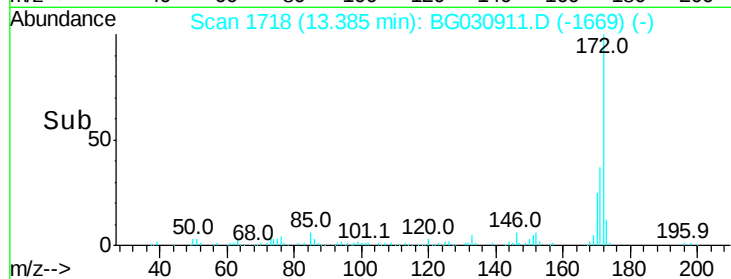
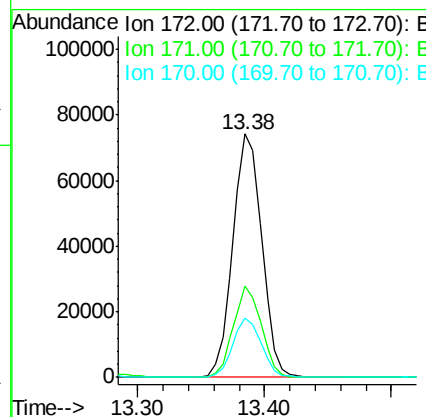
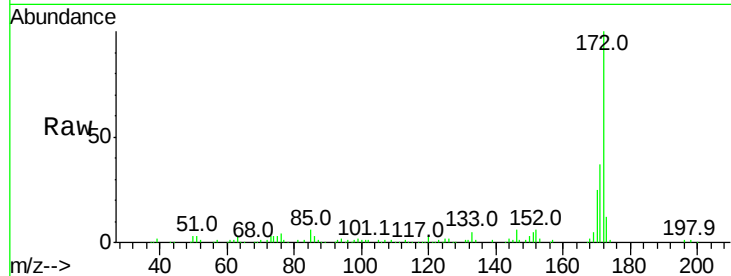




#44
2-Fluorobiphenyl
Concen: 12.974 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

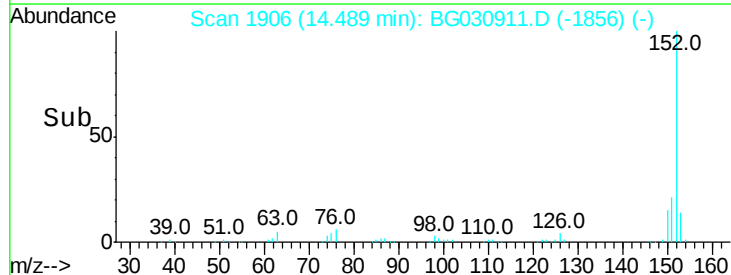
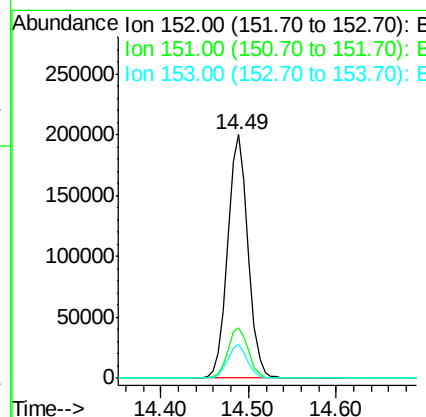
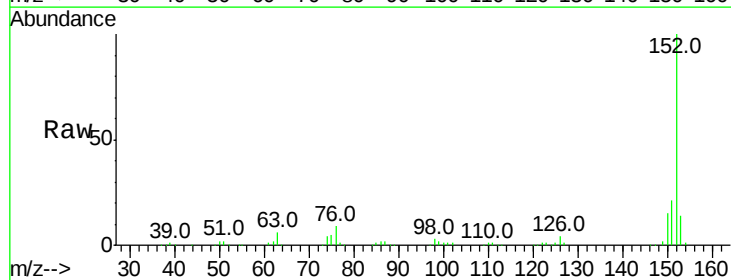
Instrument :
BNA_G
ClientSampleID :
PT-BNA-SoilDL

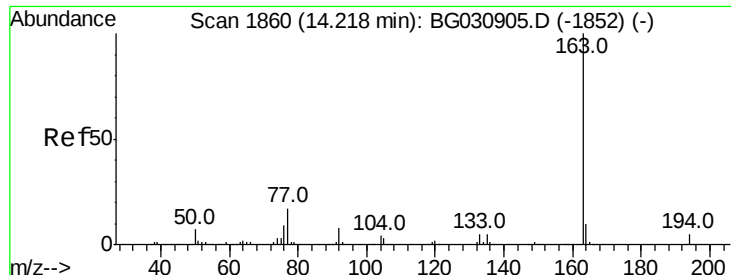
Tot Ion:172 Resp: 116649
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 24.6 19.5 29.3



#48
Acenaphthylene
Concen: 25.286 ng
RT: 14.49 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion:152 Resp: 319886
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 17.739 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleID :

PT-BNA-SoilDL

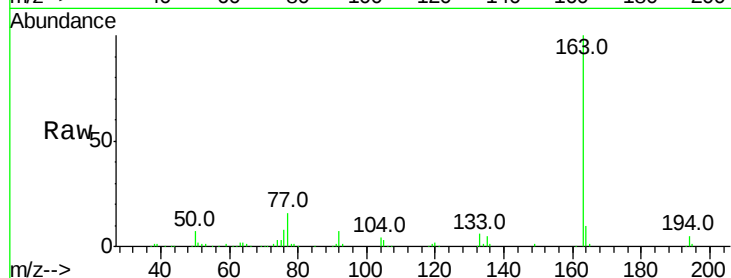
Tot Ion:163 Resp: 198148

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

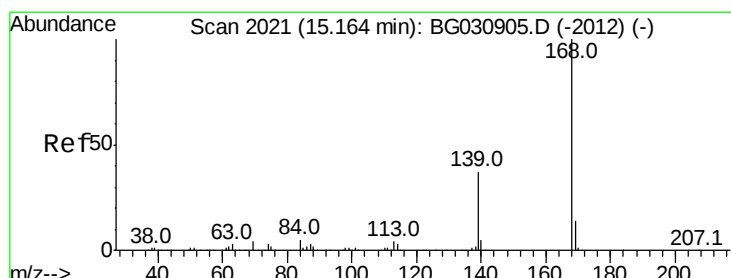
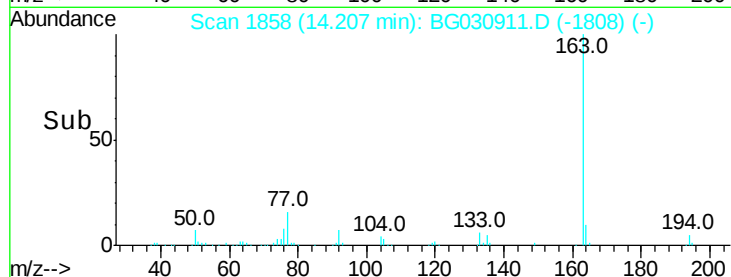
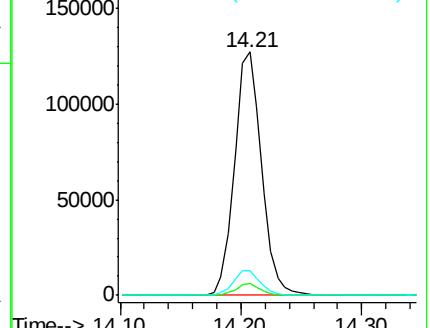
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

Dibenzofuran

Concen: 20.670 ng

RT: 15.16 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

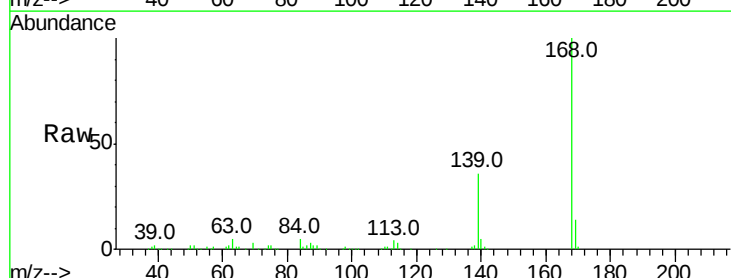
Tgt Ion:168 Resp: 260120

Ion Ratio Lower Upper

168 100

139 36.1 28.6 43.0

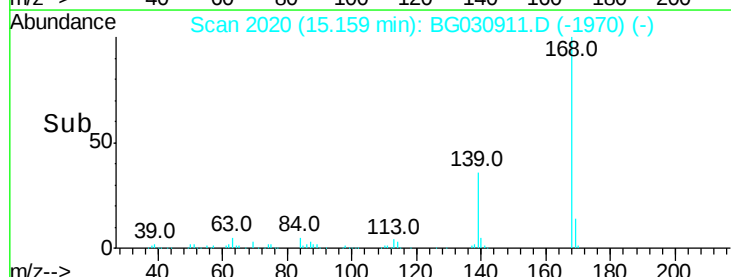
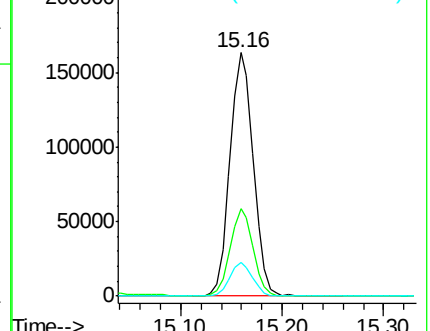
169 13.8 11.2 16.8

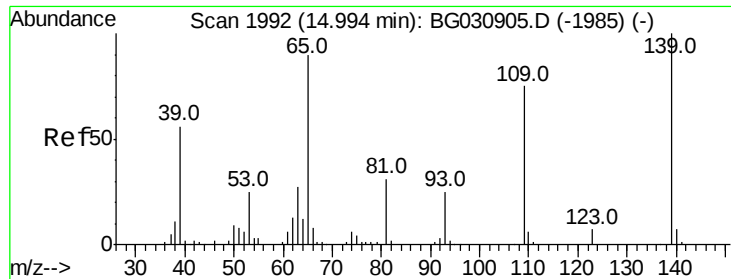


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 29.462 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SoilDL

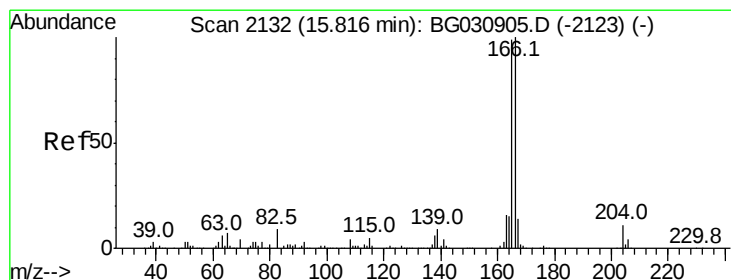
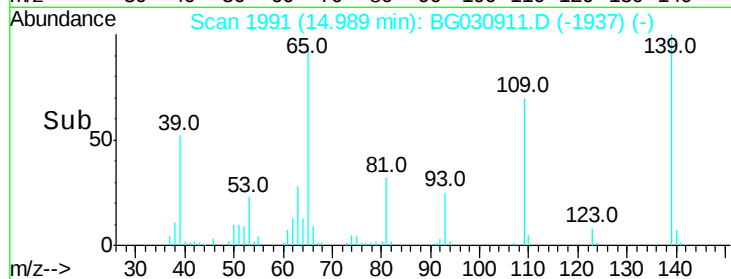
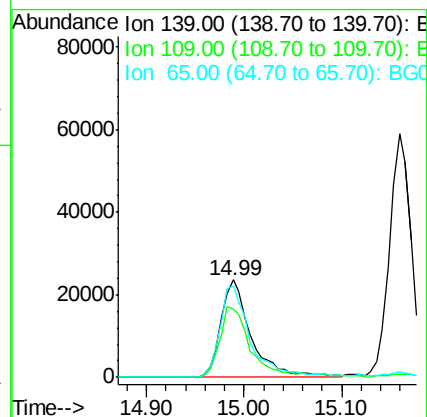
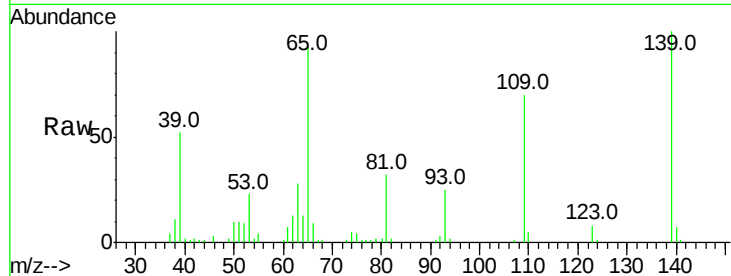
Tot Ion:139 Resp: 51307

Ion Ratio Lower Upper

139 100

109 69.8 62.2 102.2

65 93.5 97.2 137.2#



#57

Fluorene

Concen: 22.979 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

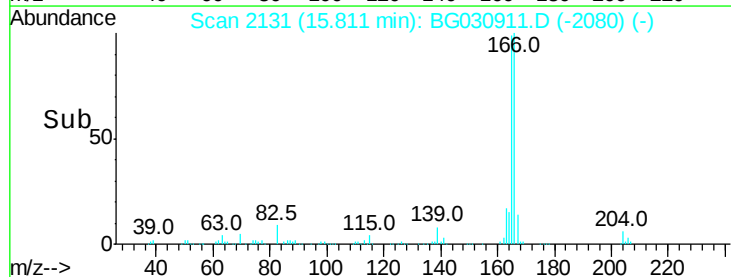
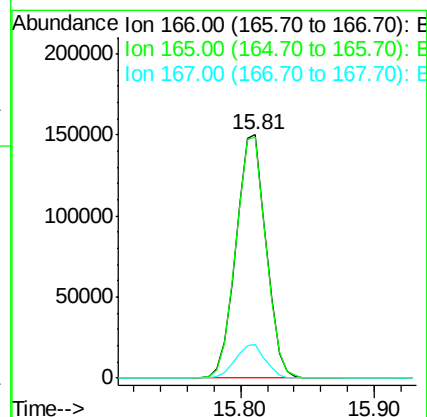
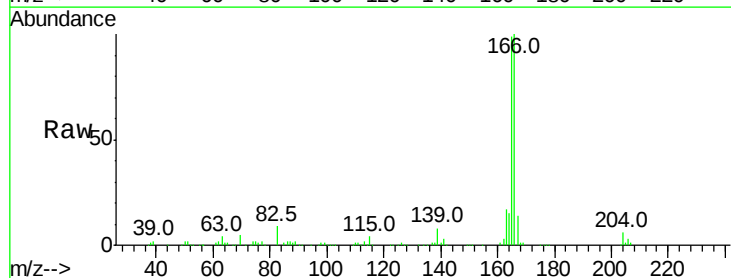
Tgt Ion:166 Resp: 234779

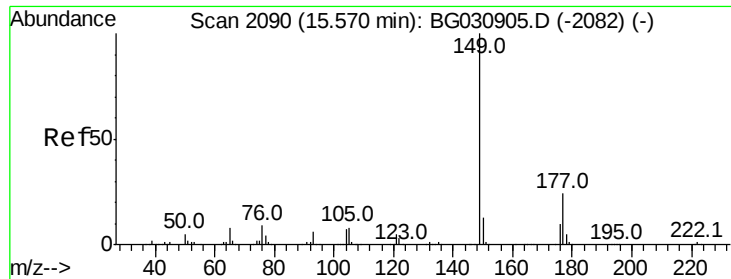
Ion Ratio Lower Upper

166 100

165 98.8 80.6 121.0

167 13.7 10.4 15.6

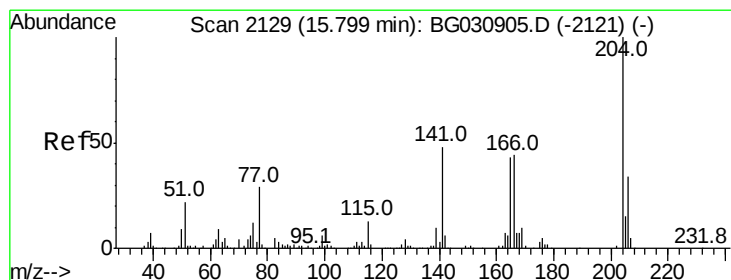
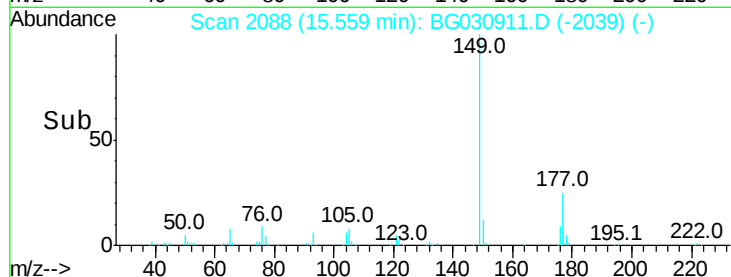
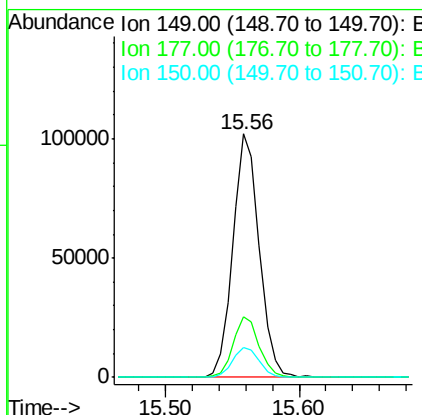
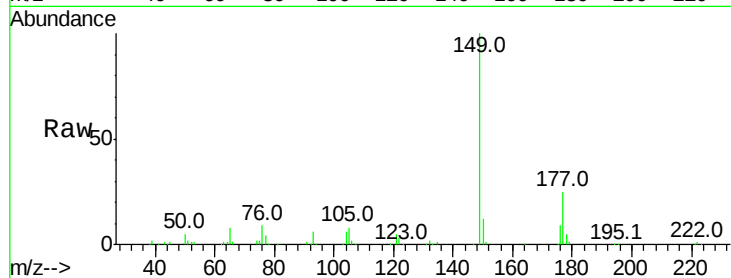




#59
Diethylphthalate
Concen: 12.346 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

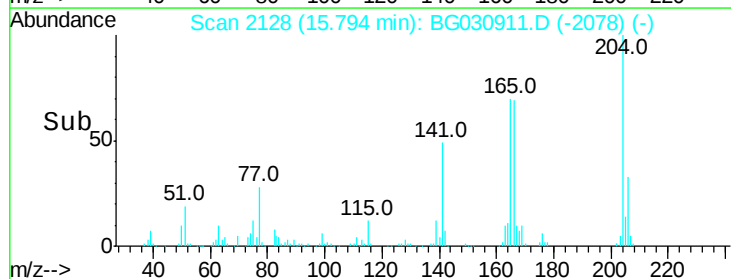
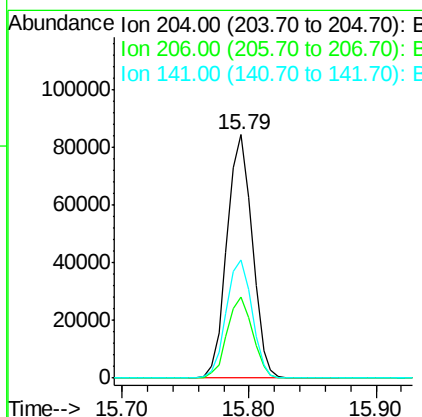
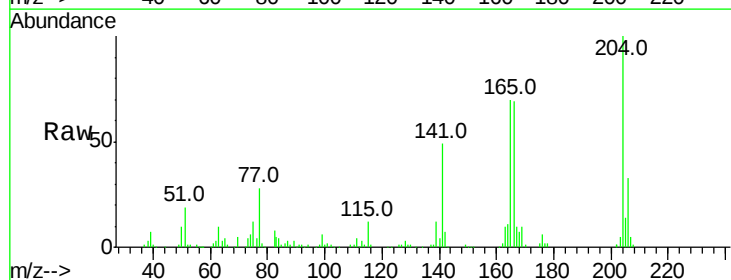
Instrument :
BNA_G
ClientSampleID :
PT-BNA-SoilDL

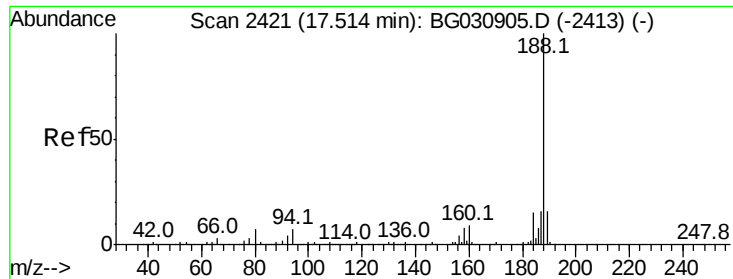
Tot Ion:149 Resp: 140082
Ion Ratio Lower Upper
149 100
177 24.8 18.5 27.7
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 18.852 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion:204 Resp: 116326
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 48.5 45.8 68.6

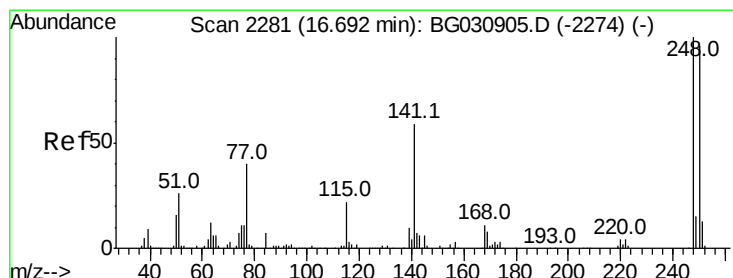
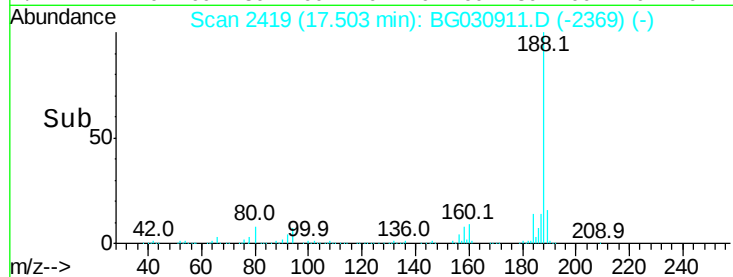
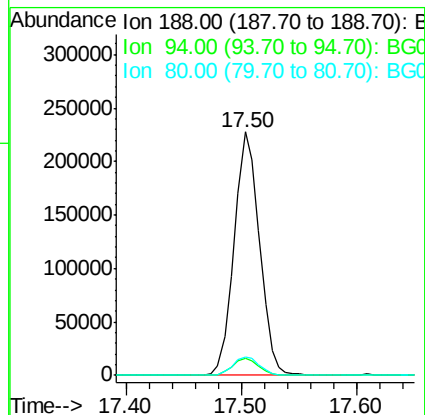
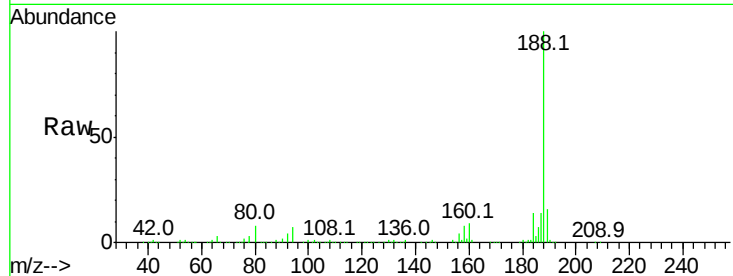




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

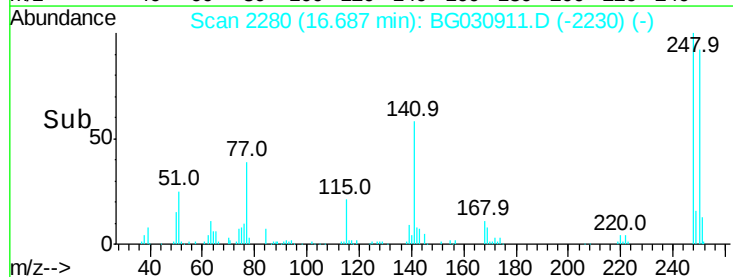
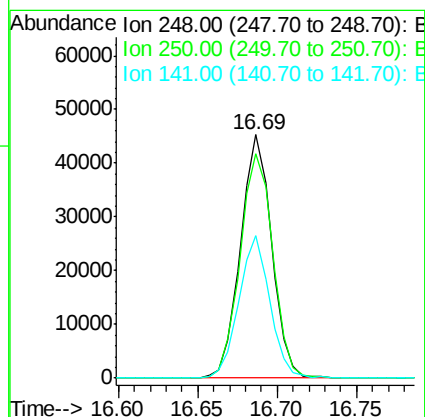
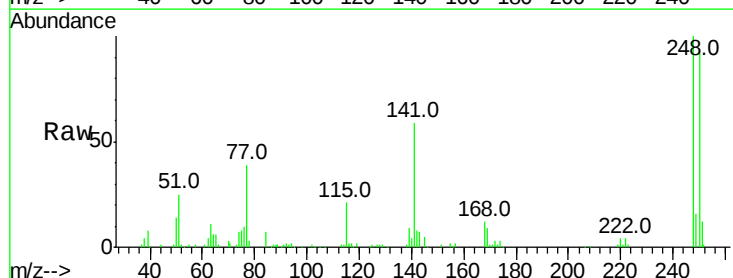
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

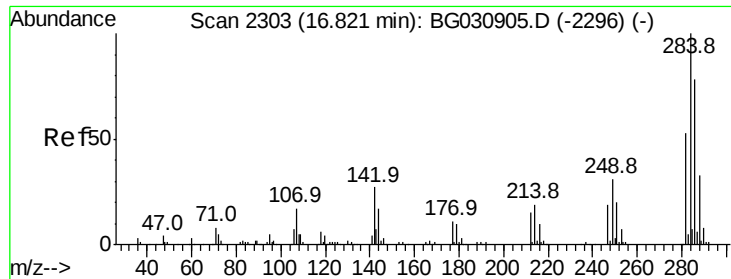
Tot Ion:188 Resp: 345475
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.6 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 14.101 ng
RT: 16.69 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion:248 Resp: 61701
Ion Ratio Lower Upper
248 100
250 92.3 77.1 115.7
141 58.7 50.8 76.2

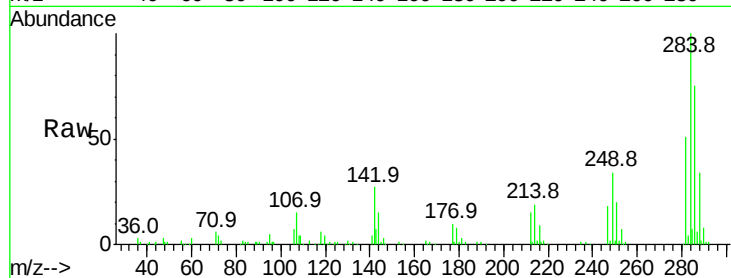




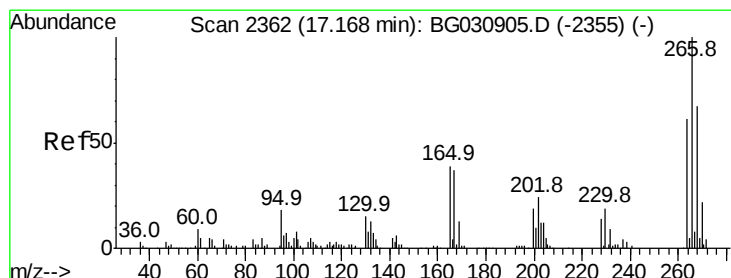
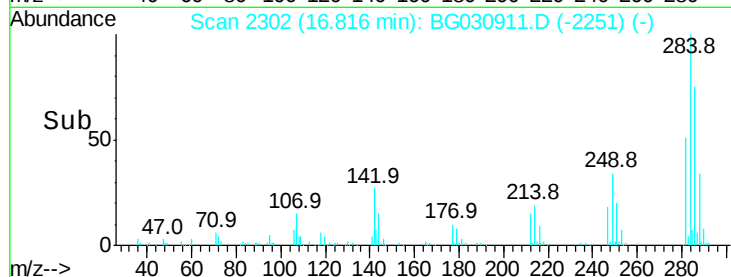
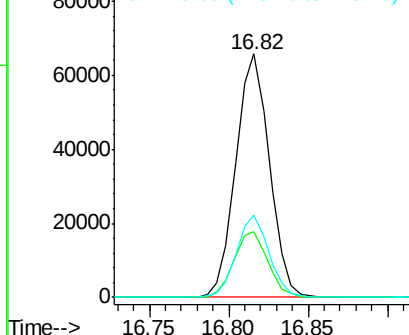
#67
Hexachlorobenzene
Concen: 20.752 ng
RT: 16.82 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

Tot Ion:284 Resp: 96480
Ion Ratio Lower Upper
284 100
142 27.0 26.8 40.2
249 33.6 26.3 39.5

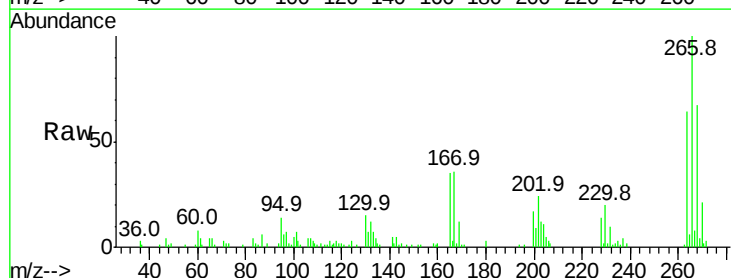


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

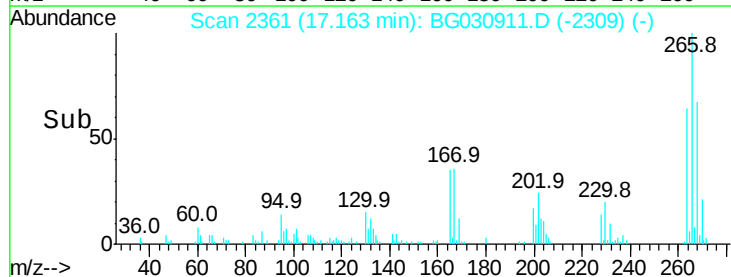
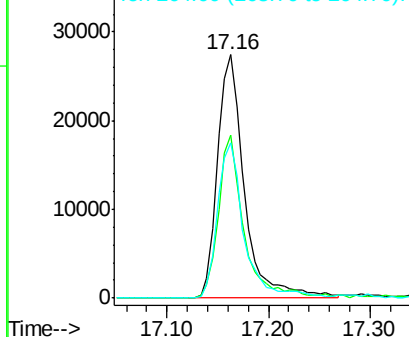


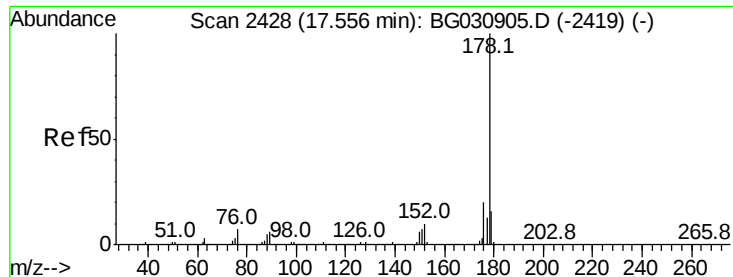
#69
Pentachlorophenol
Concen: 19.751 ng
RT: 17.16 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion:266 Resp: 50760
Ion Ratio Lower Upper
266 100
268 66.8 51.1 76.7
264 64.0 49.6 74.4



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





#70

Phenanthrene

Concen: 9.008 ng

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleID :

PT-BNA-SoilDL

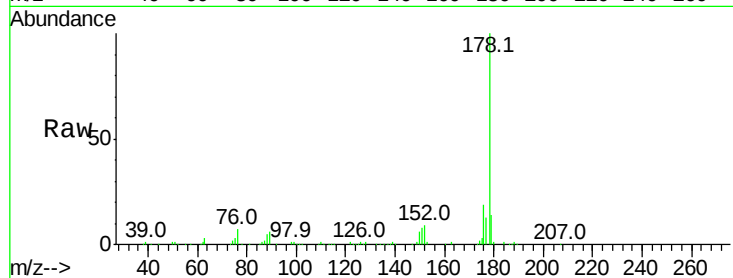
Tot Ion:178 Resp: 162042

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

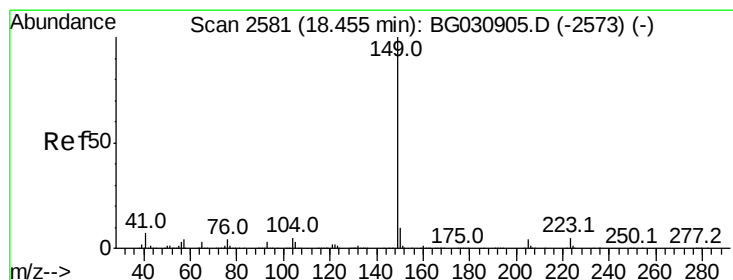
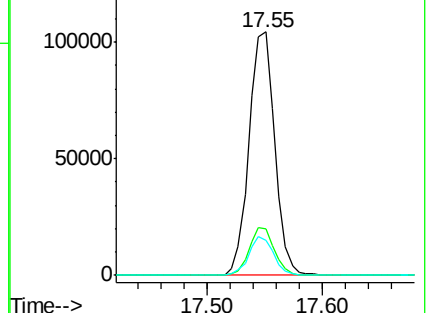
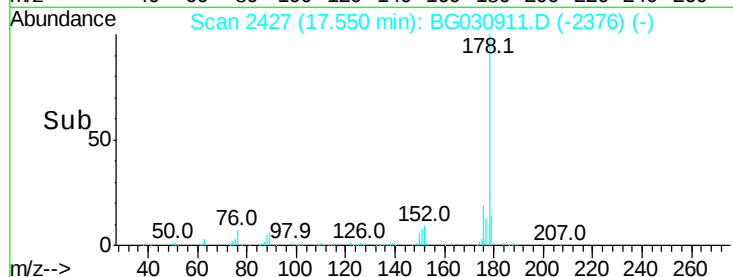
179 14.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 22.484 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

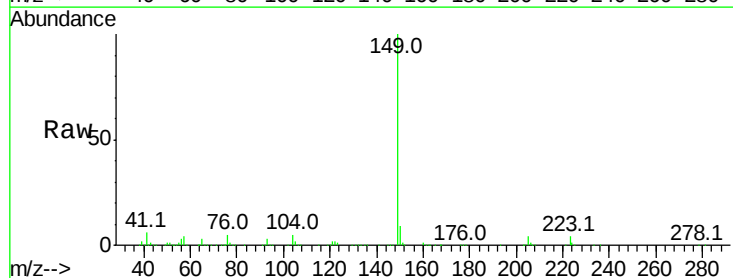
Tgt Ion:149 Resp: 466224

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

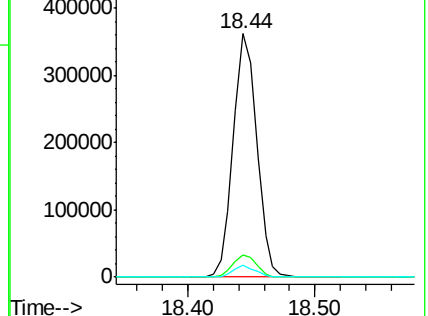
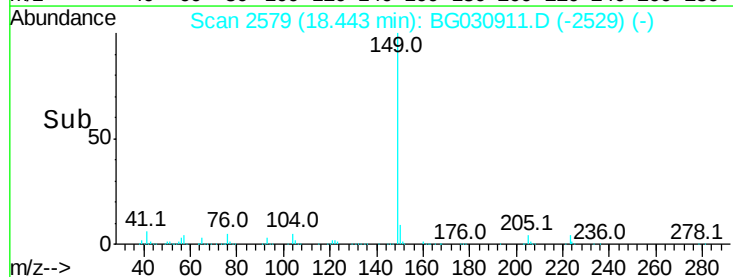
104 4.7 3.9 5.9

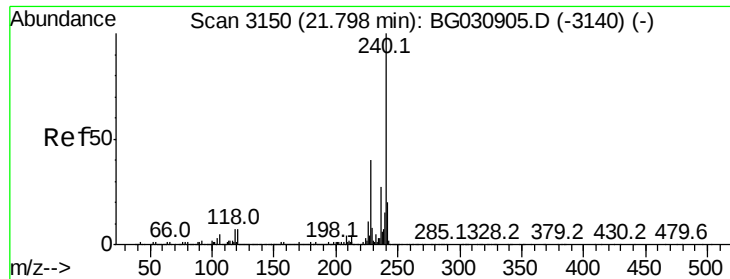


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SoilDL

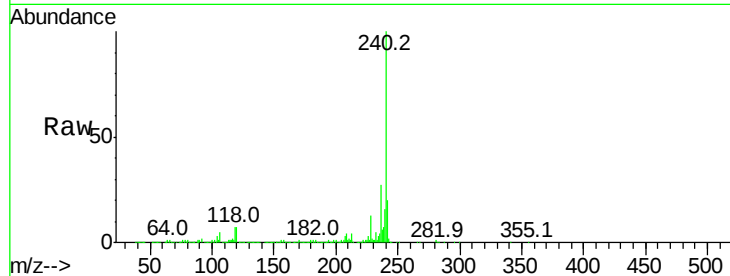
Tot Ion:240 Resp: 415529

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

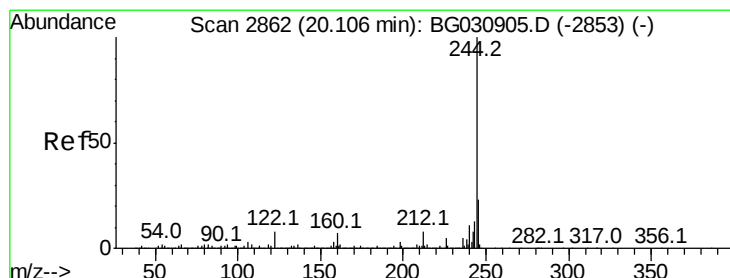
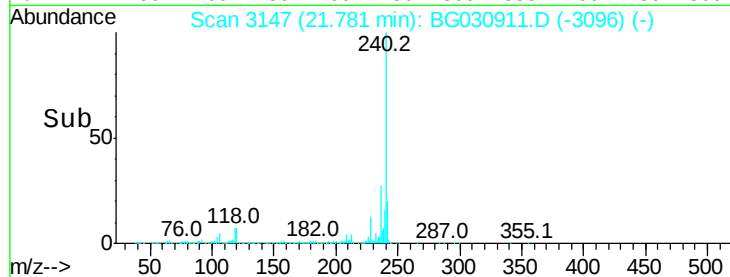
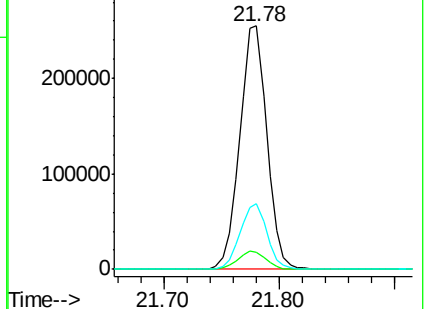
236 26.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 12.968 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

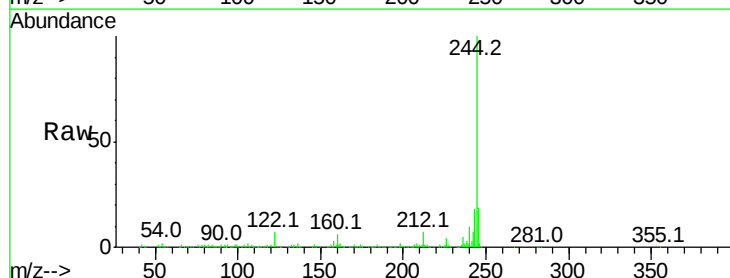
Tgt Ion:244 Resp: 244041

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

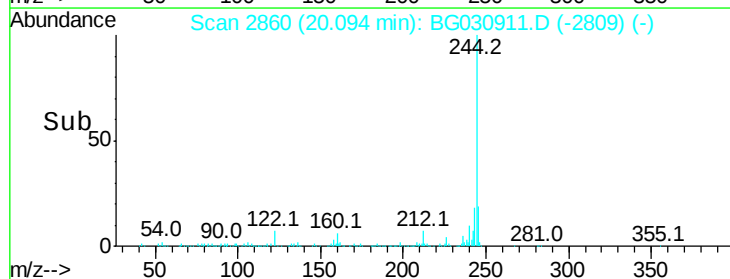
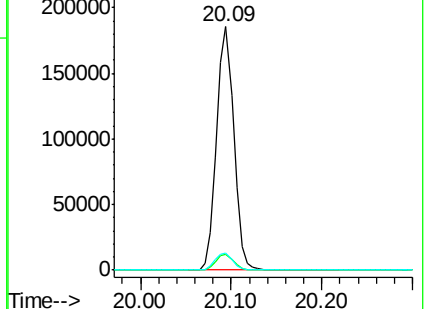
122 7.1 7.0 10.4

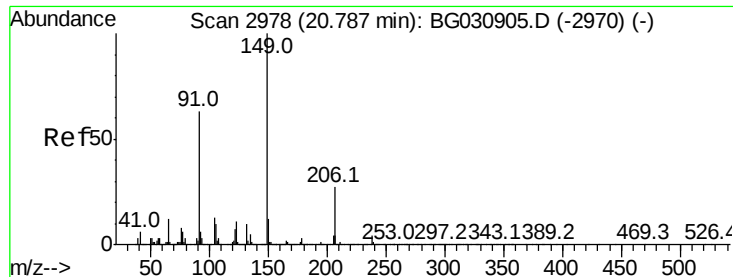


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

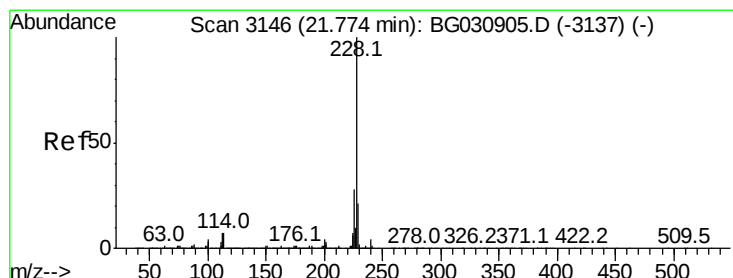
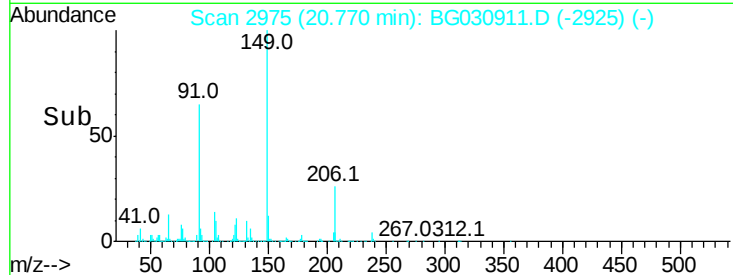
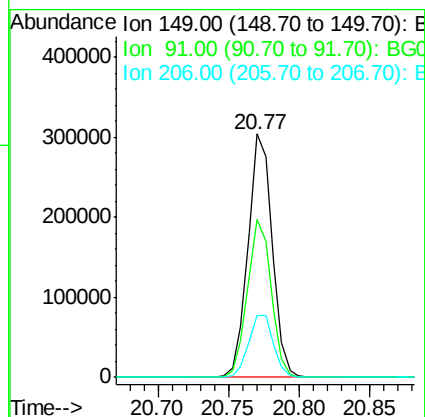
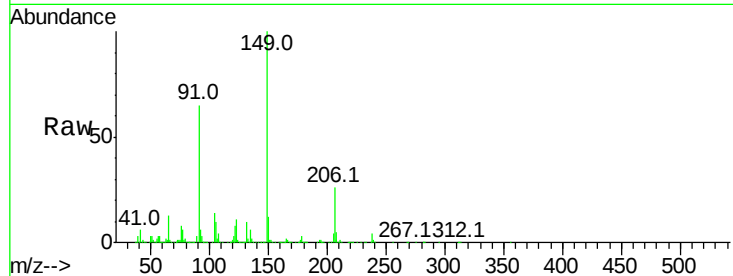




#79
Butylbenzylphthalate
Concen: 37.124 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

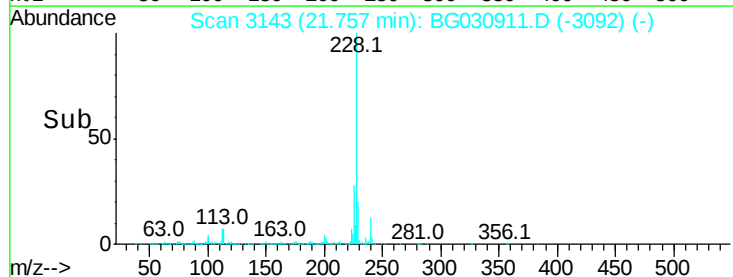
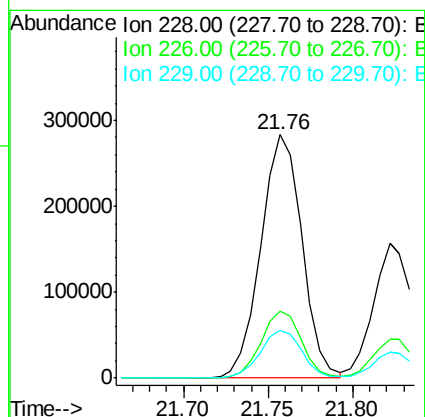
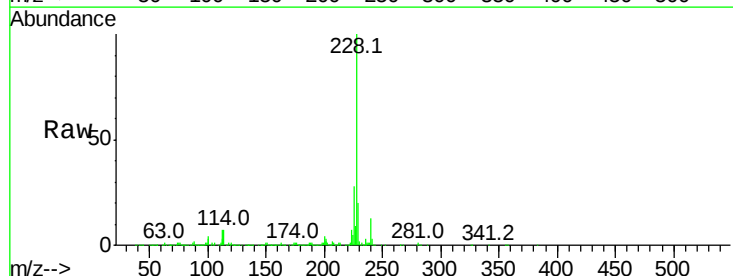
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

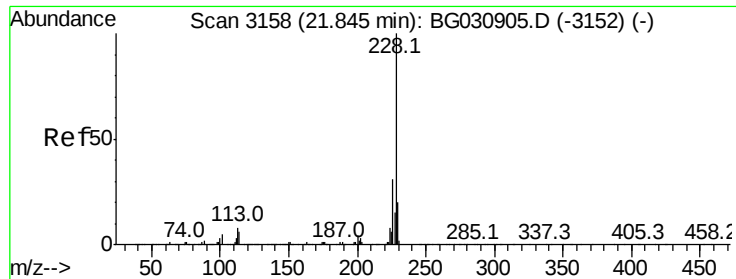
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.7	62.2	93.2
206	25.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 18.566 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	19.7	16.2	24.2





#82

Chrysene

Concen: 10.722 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SoilDL

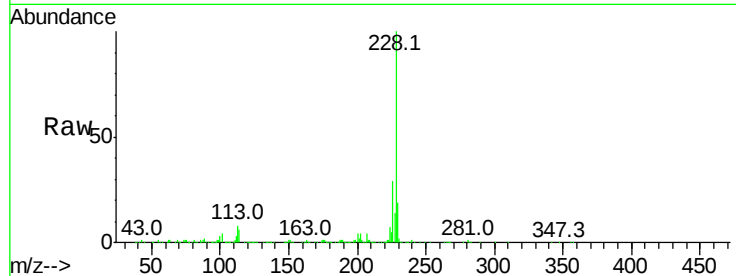
Tot Ion:228 Resp: 255989

Ion Ratio Lower Upper

228 100

226 29.2 24.9 37.3

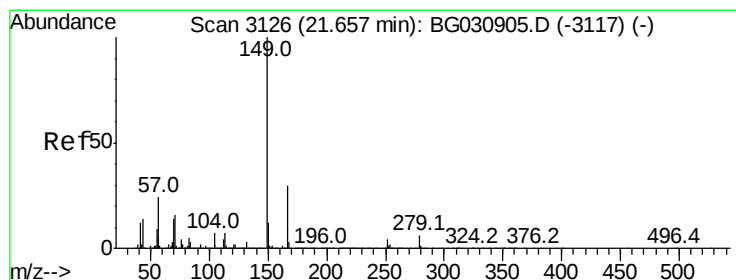
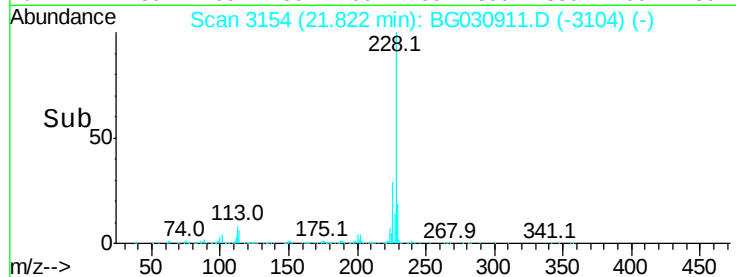
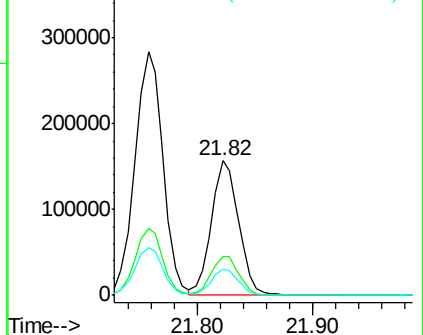
229 19.1 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.974 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

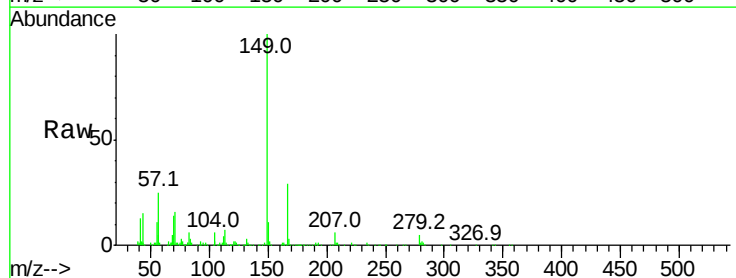
Tgt Ion:149 Resp: 127355

Ion Ratio Lower Upper

149 100

167 29.1 24.3 36.5

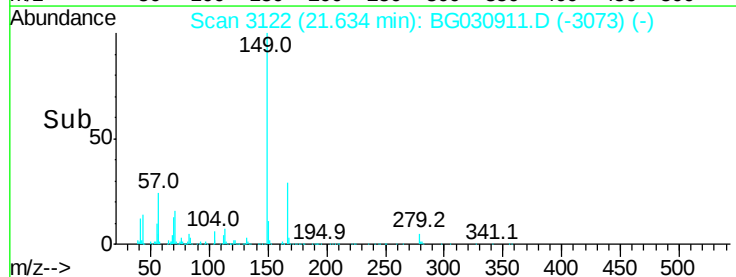
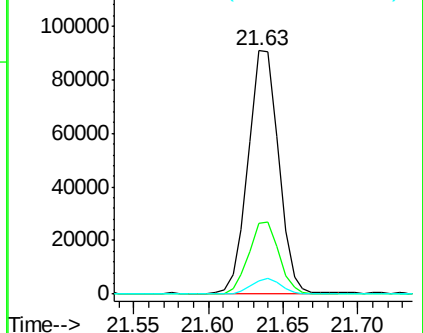
279 5.2 4.0 6.0

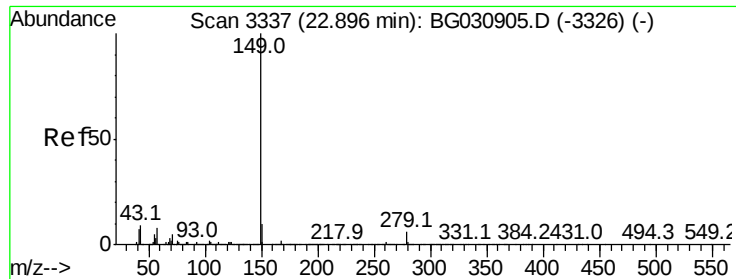


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

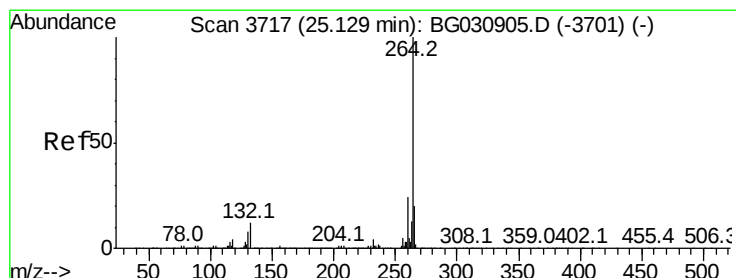
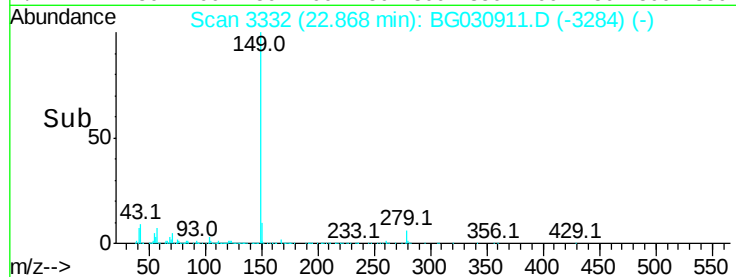
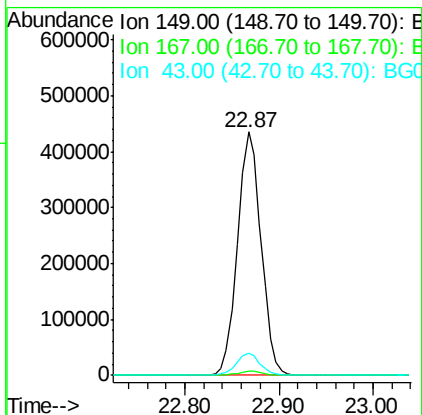
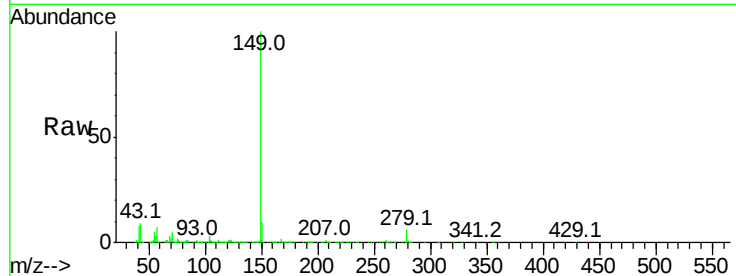




#84
Di-n-octyl phthalate
Concen: 32.598 ng
RT: 22.87 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

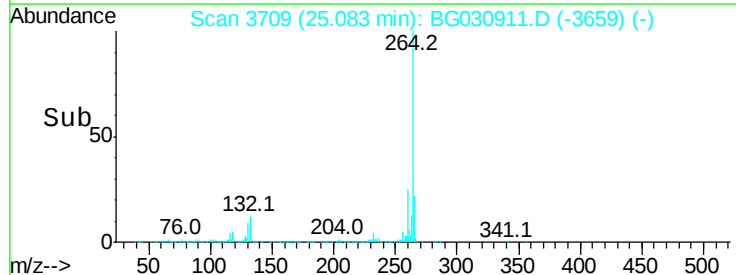
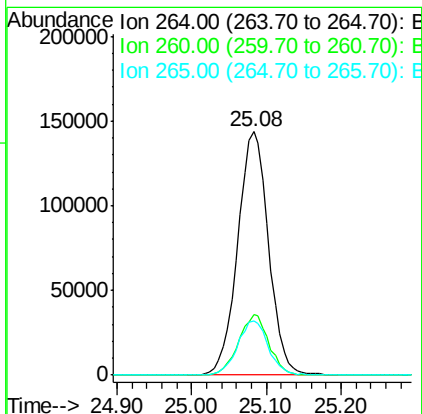
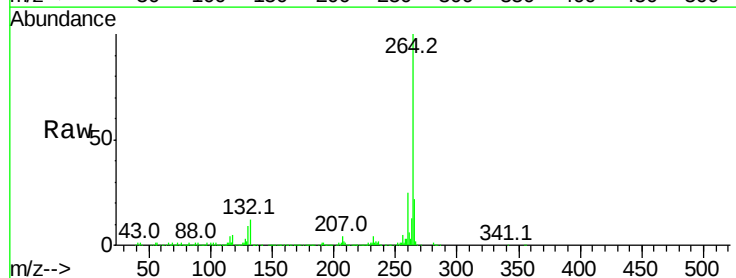
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SoilDL

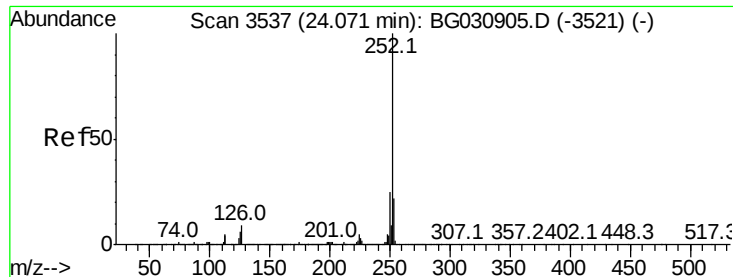
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.7	8.9	13.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.4	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 9.991 ng

RT: 24.03 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SoilDL

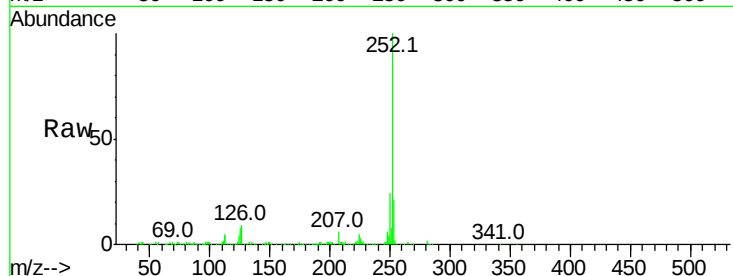
Tot Ion:252 Resp: 249043

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

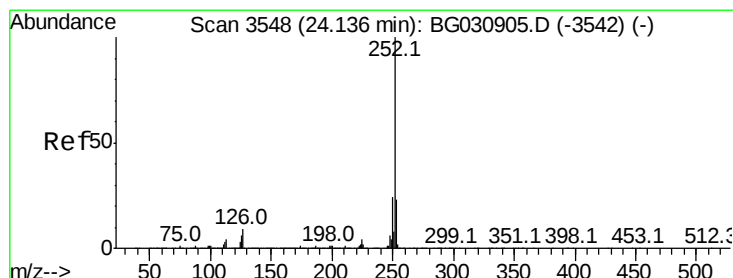
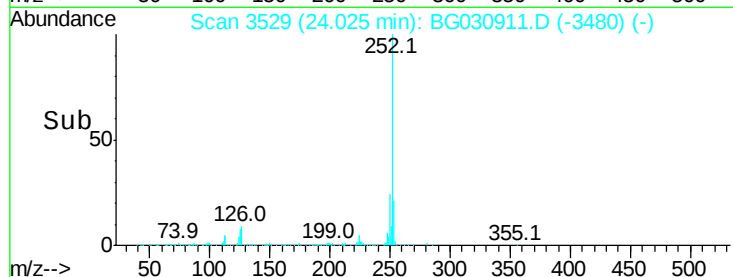
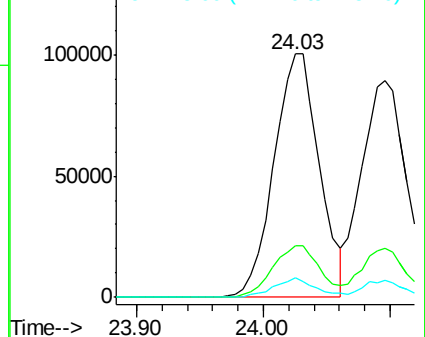
125 7.9 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 8.978 ng

RT: 24.10 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

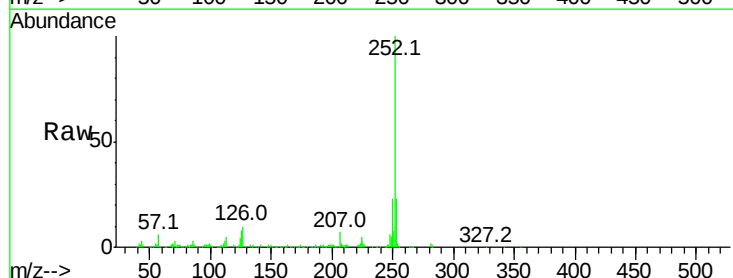
Tgt Ion:252 Resp: 221827

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 7.6 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

