

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030910.D
 Acq On : 10 Nov 2017 16:20
 Operator : SJ/JU
 Sample : I6298-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-Soil

Quant Time: Nov 11 05:48:33 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	43110	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	202786	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	135495	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	345865	20.00	ng	0.00
75) Chrysene-d12	21.78	240	388906	20.00	ng	0.00
86) Perylene-d12	25.09	264	401300	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	245752	97.75	ng	0.00
7) Phenol-d6	7.31	99	334549	98.78	ng	0.00
23) Nitrobenzene-d5	9.31	82	209349	61.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	203927	93.04	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	598404	63.46	ng	-0.01
78) Terphenyl-d14	20.10	244	1121955	63.70	ng	0.00

Target Compounds

						Qvalue
11) bis(2-Chloroethyl)ether	7.55	93	226387	80.609	ng	91
12) 1,3-Dichlorobenzene	8.04	146	472397	145.125	ng	97
13) 1,4-Dichlorobenzene	8.18	146	226713	68.731	ng	94
14) 1,2-Dichlorobenzene	8.50	146	329050	103.933	ng	96
18) Hexachloroethane	9.23	117	73020	63.604	ng	98
25) Isophorone	9.88	82	1160784	173.922	ng	# 91
26) 2-Nitrophenol	10.07	139	324054	177.841	ng	90
28) bis(2-Chloroethoxy)methane	10.35	93	225495	53.644	ng	97
34) Hexachlorobutadiene	11.29	225	270687	100.641	ng	94
36) 4-Chloro-3-methylphenol	12.23	107	376557	106.508	ng	88
37) 2-Methylnaphthalene	12.61	142	574521	74.656	ng	95
42) 2,4,6-Trichlorophenol	13.21	196	401444	130.582	ng	98
43) 2,4,5-Trichlorophenol	13.29	196	530762	157.794	ng	93
48) Acenaphthylene	14.49	152	1573823	118.616	ng	97
49) Dimethylphthalate	14.21	163	975666	83.280	ng	99
54) Dibenzofuran	15.16	168	1273431	96.480	ng	97
55) 4-Nitrophenol	14.99	139	297502	162.886	ng	# 85
57) Fluorene	15.82	166	1125488	105.031	ng	98
59) Diethylphthalate	15.57	149	708723	59.555	ng	98
60) 4-Chlorophenyl-phenylether	15.80	204	565998	87.457	ng	92
66) 4-Bromophenyl-phenylether	16.69	248	319001	72.823	ng	95
67) Hexachlorobenzene	16.82	284	475075	102.068	ng	94
69) Pentachlorophenol	17.16	266	305166	118.608	ng	99
70) Phenanthrene	17.55	178	797547	44.288	ng	99
73) Di-n-butylphthalate	18.45	149	2011727	96.907	ng	96
79) Butylbenzylphthalate	20.78	149	1526046	165.849	ng	# 89
80) Benzo(a)anthracene	21.77	228	2081942	86.183	ng	95
82) Chrysene	21.83	228	1152594	51.579	ng	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	632141	47.593	ng	# 99
84) Di-n-octyl phthalate	22.88	149	3068633	141.946	ng	98
87) Benzo(b)fluoranthene	24.04	252	1204901	49.636	ng	# 97
88) Benzo(k)fluoranthene	24.11	252	1047282	43.526	ng	97

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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

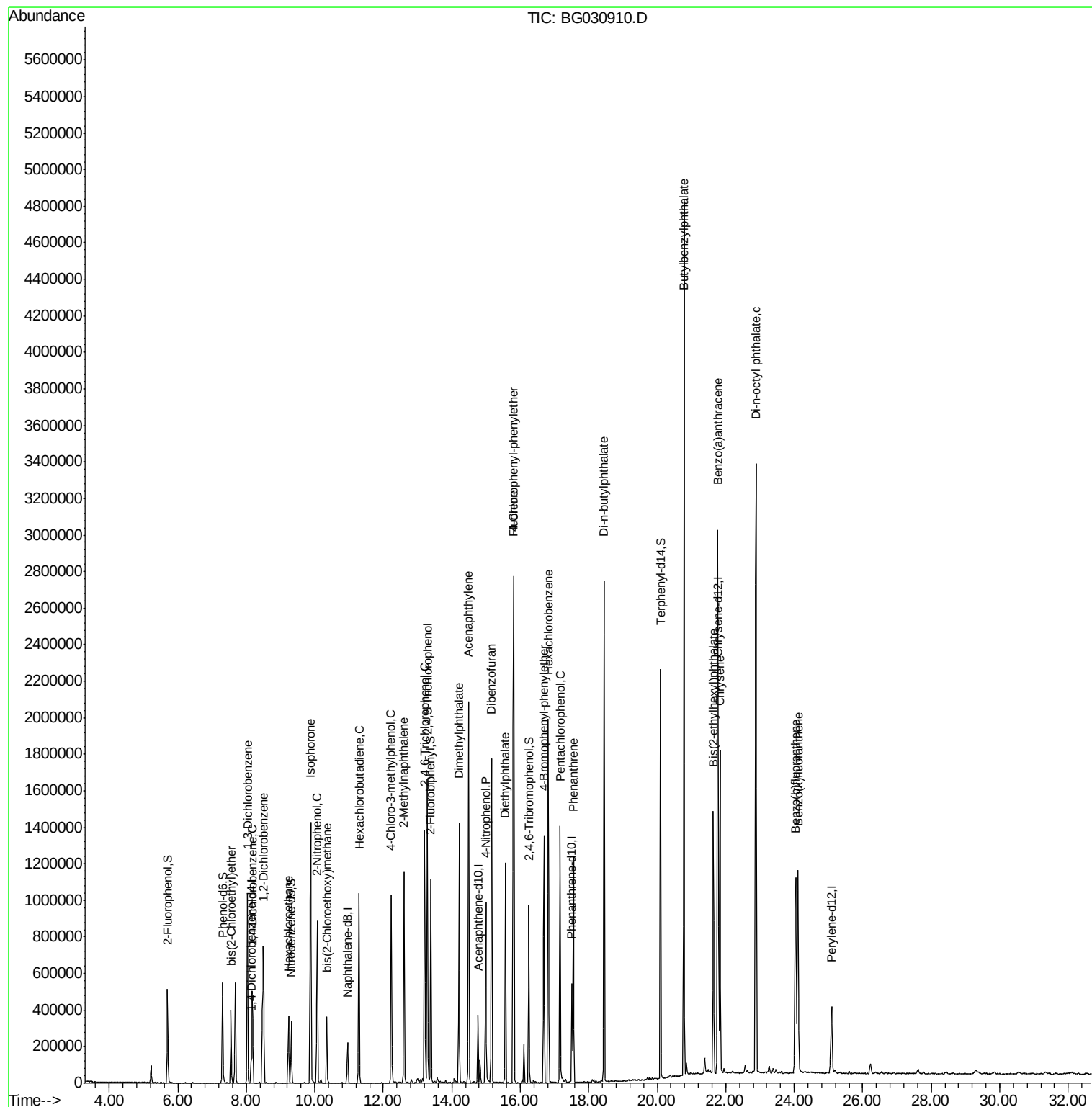
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

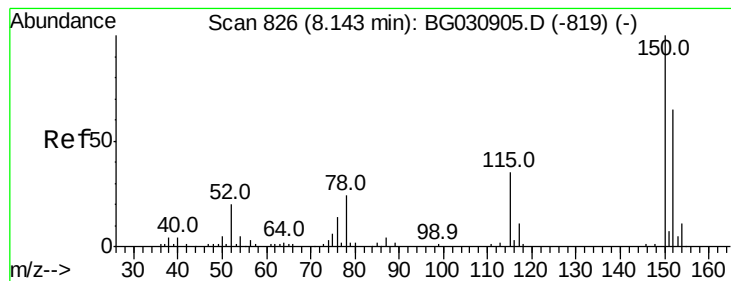
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampled :

PT-BNA-Soil

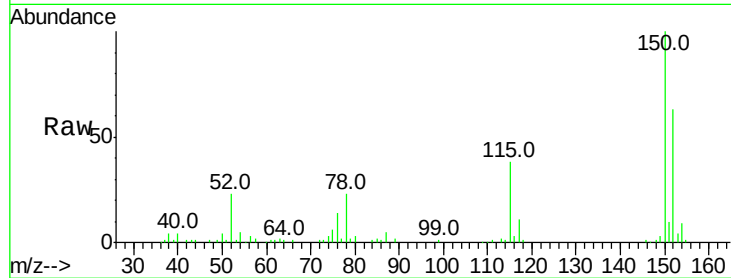
Tot Ion:152 Resp: 43110

Ion Ratio Lower Upper

152 100

150 159.1 126.6 189.8

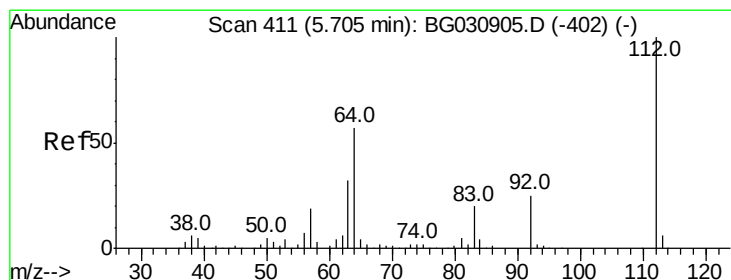
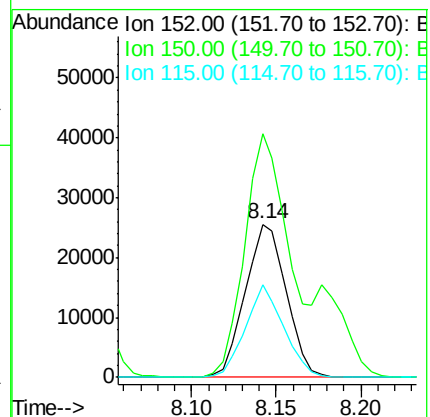
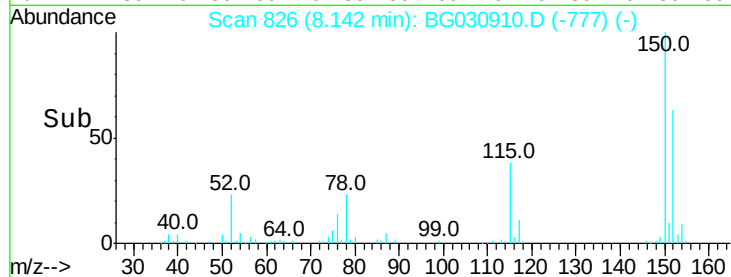
115 60.1 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 97.751 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

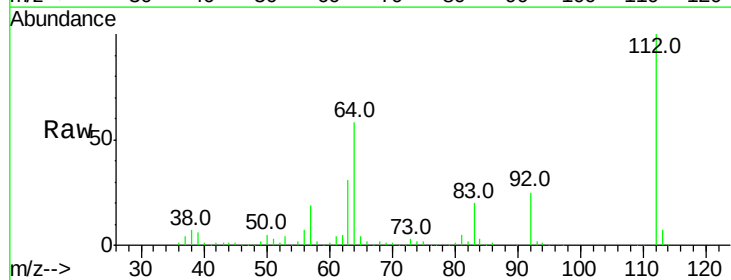
Tgt Ion:112 Resp: 245752

Ion Ratio Lower Upper

112 100

64 57.9 56.3 84.5

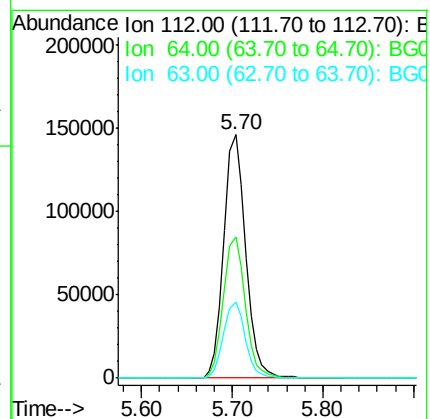
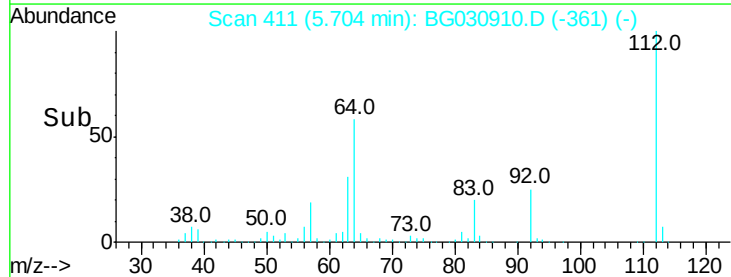
63 31.0 30.1 45.1

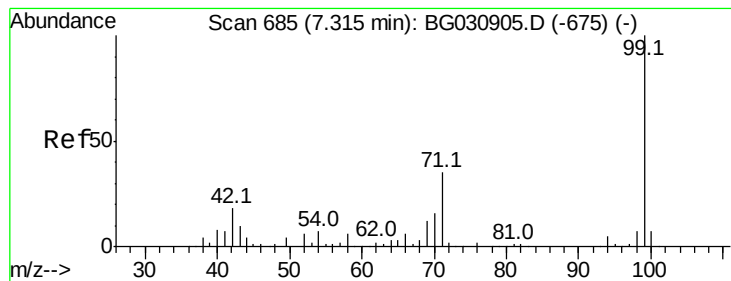


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 98.775 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

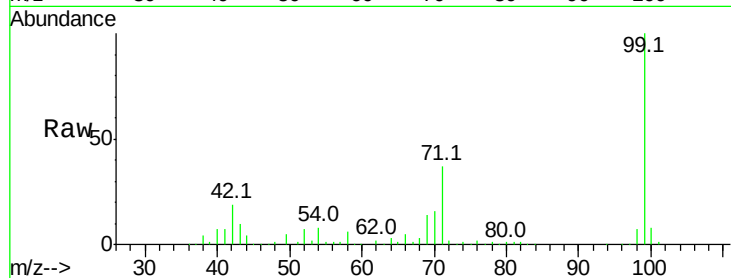
Tot Ion: 99 Resp: 334549

Ion Ratio Lower Upper

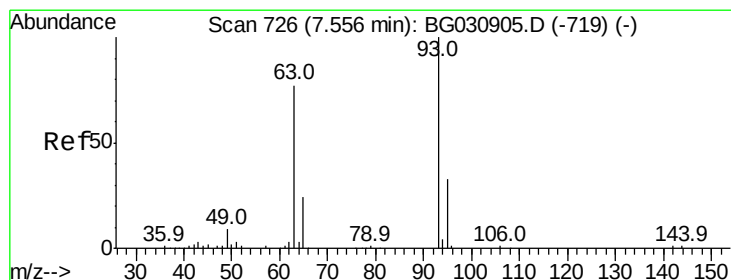
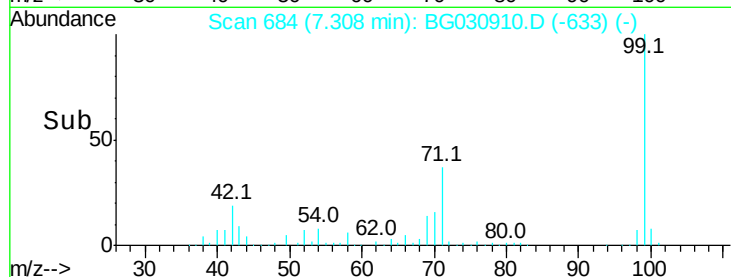
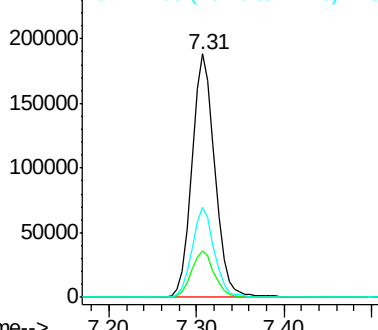
99 100

42 19.3 14.1 21.1

71 37.2 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: 80.609 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

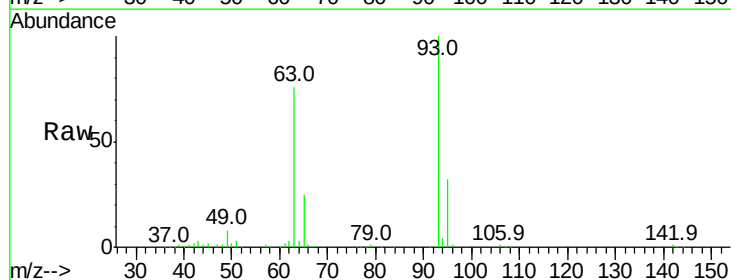
Tgt Ion: 93 Resp: 226387

Ion Ratio Lower Upper

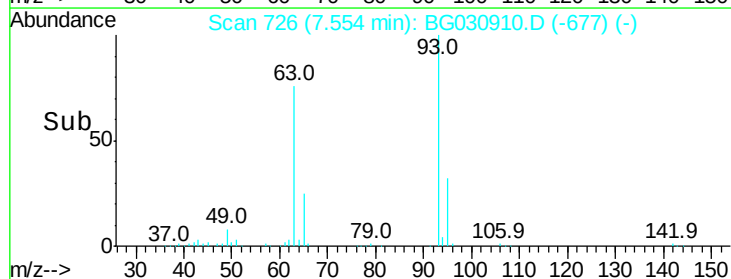
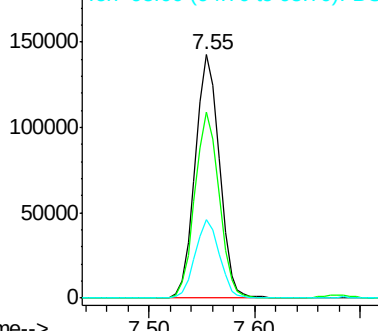
93 100

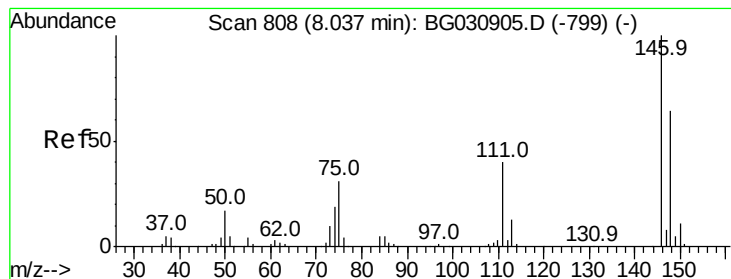
63 76.4 67.1 107.1

95 32.2 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: 145.125 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

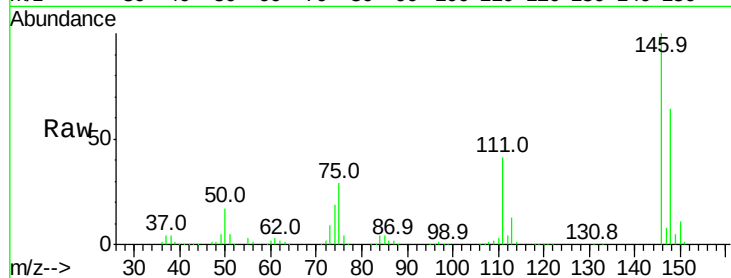
Tot Ion:146 Resp: 472397

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

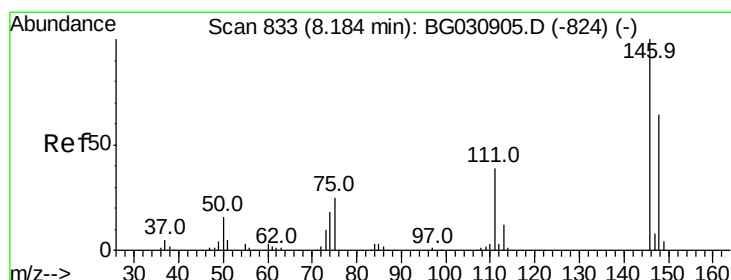
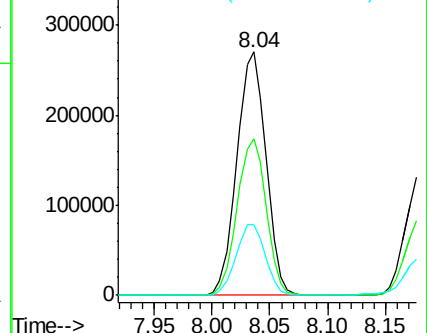
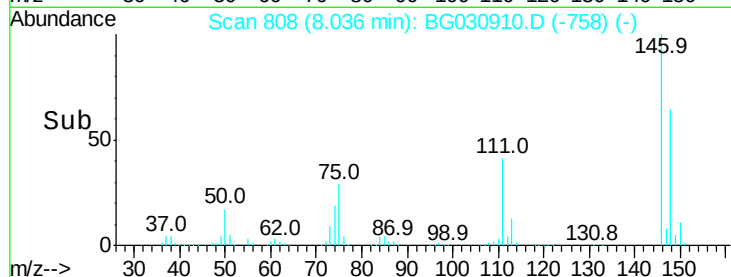
75 29.2 26.6 39.8



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): B



#13

1,4-Dichlorobenzene

Concen: 68.731 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

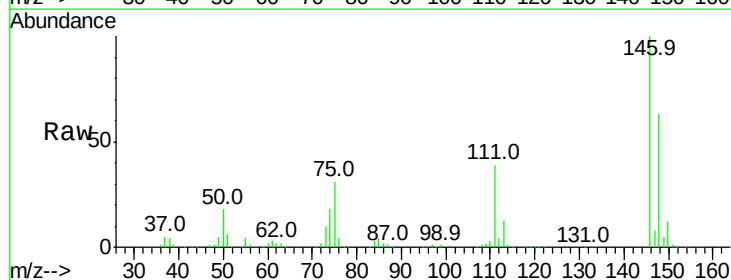
Tgt Ion:146 Resp: 226713

Ion Ratio Lower Upper

146 100

148 62.7 53.7 80.5

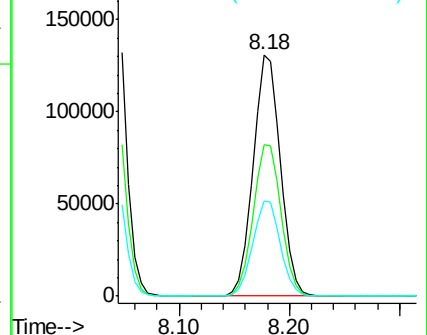
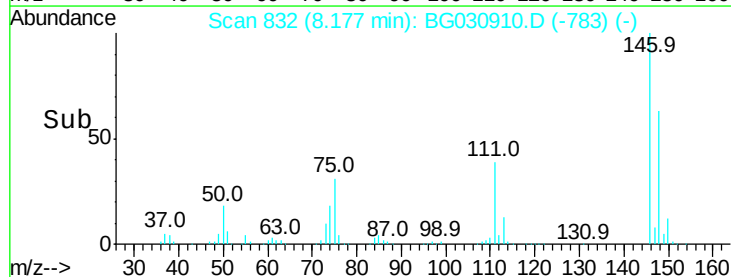
111 39.2 35.2 52.8

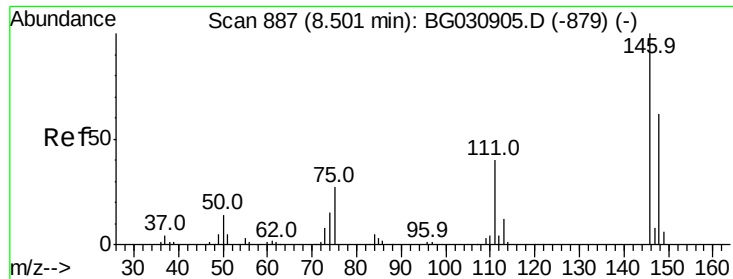


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 103.933 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

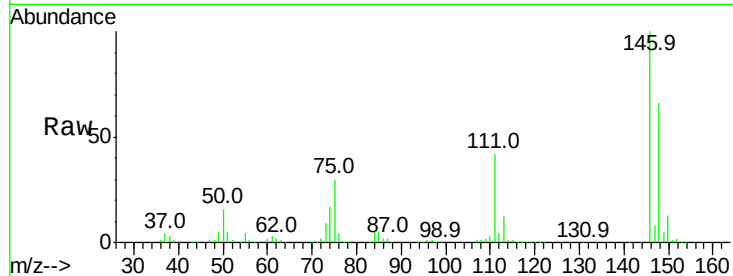
Tot Ion:146 Resp: 329050

Ion Ratio Lower Upper

146 100

148 66.4 49.3 73.9

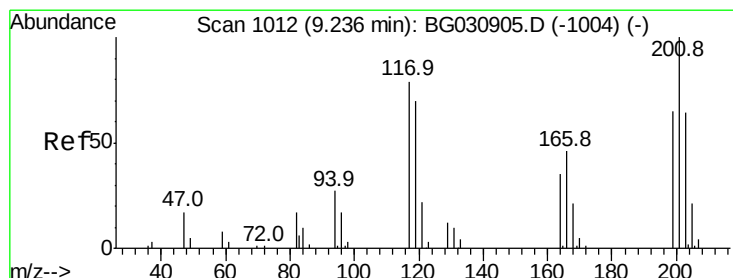
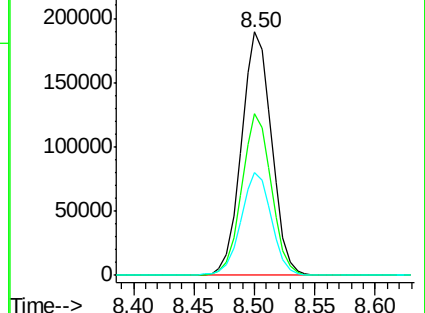
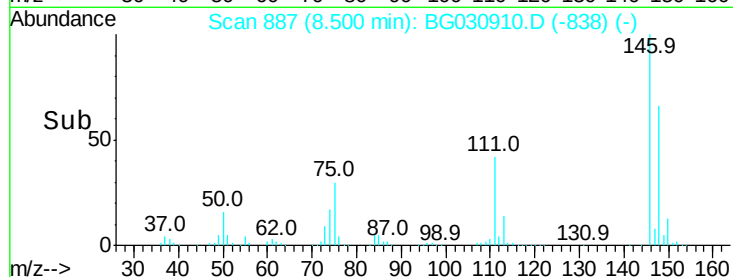
111 42.2 34.3 51.5



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: 63.604 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

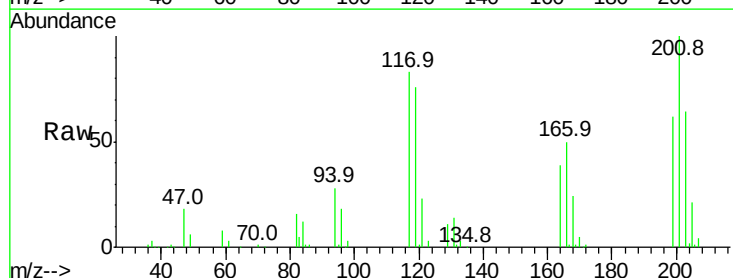
Tgt Ion:117 Resp: 73020

Ion Ratio Lower Upper

117 100

119 91.9 76.7 115.1

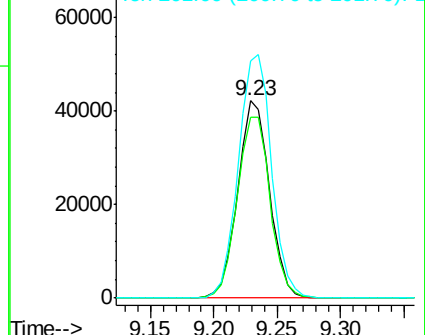
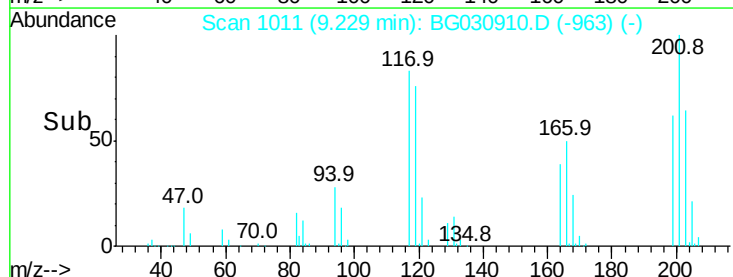
201 120.3 95.7 143.5

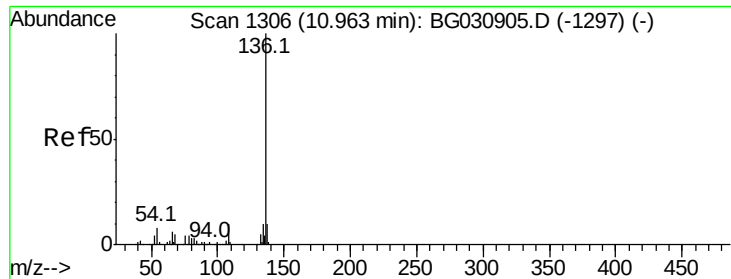


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

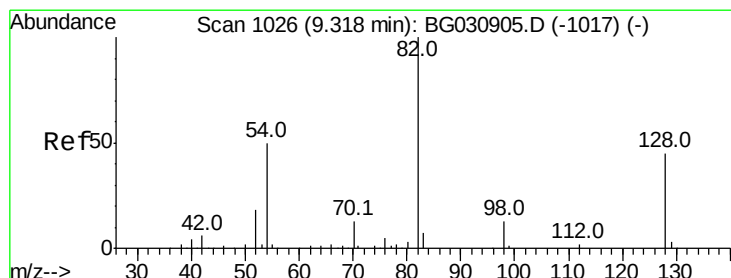
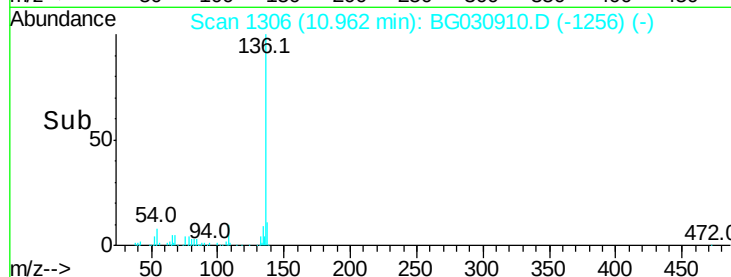
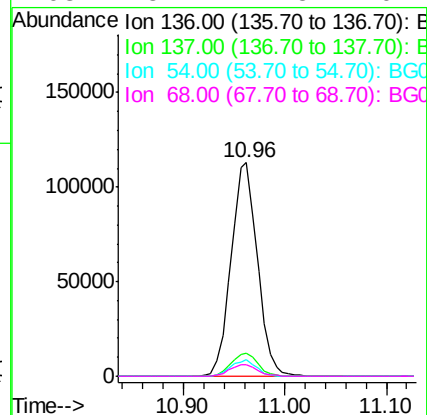
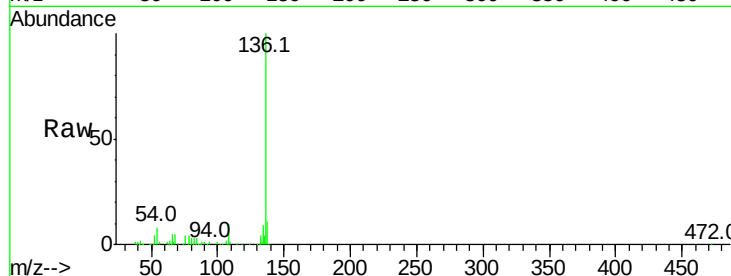




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

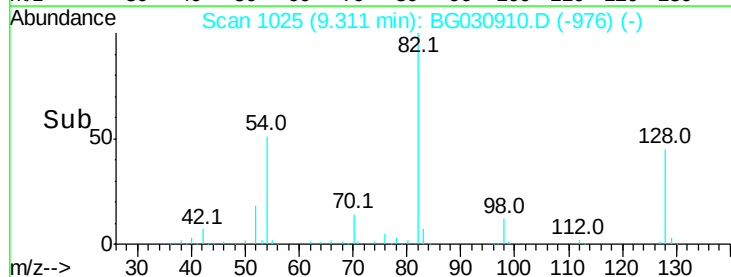
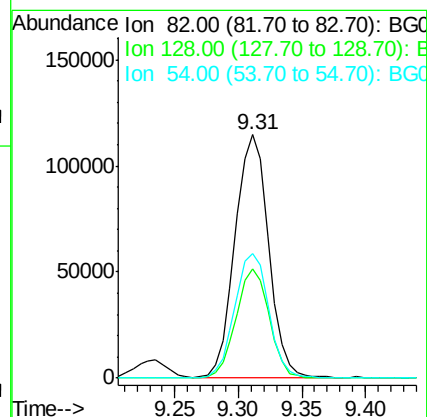
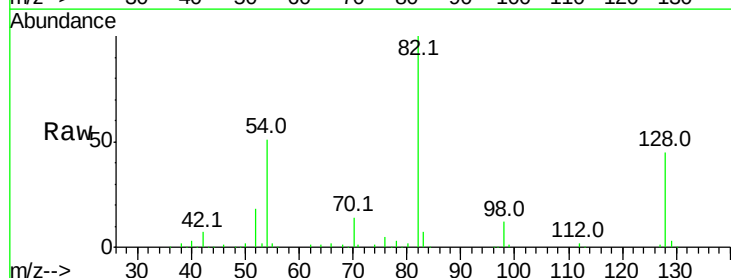
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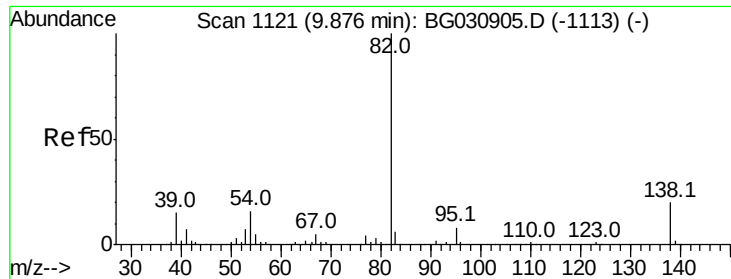
Tot Ion:136	Resp:	202786
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.2 13.8
54	8.0	10.3 15.5#
68	5.2	4.5 6.7



#23
Nitrobenzene-d5
Concen: 61.174 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion: 82	Resp:	209349
Ion	Ratio	Lower Upper
82	100	
128	44.9	29.7 44.5#
54	51.0	43.1 64.7

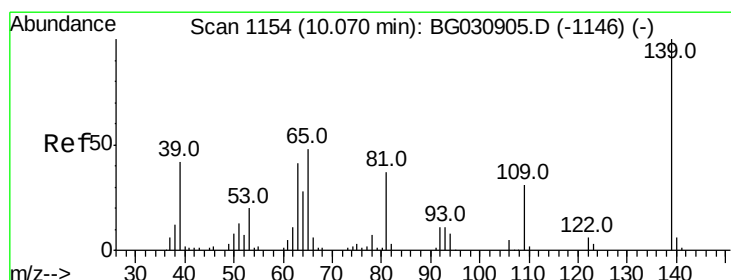
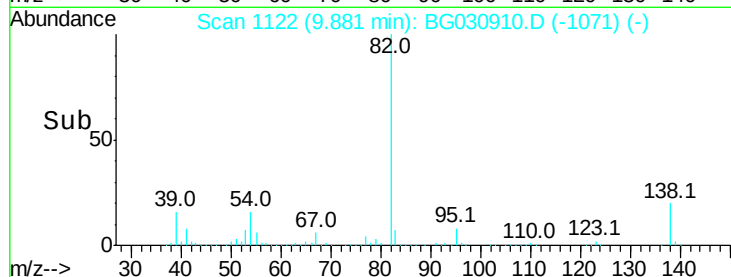
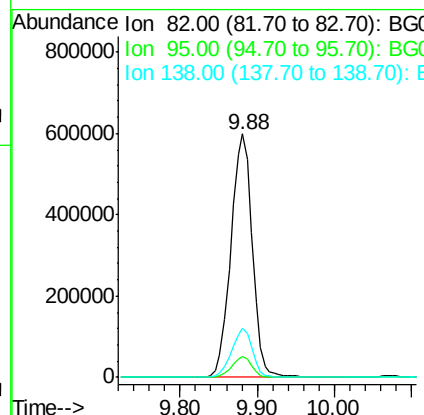
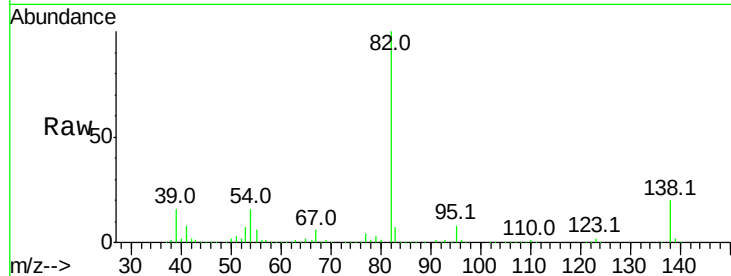




#25
Isophorone
Concen: 173.922 ng
RT: 9.88 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

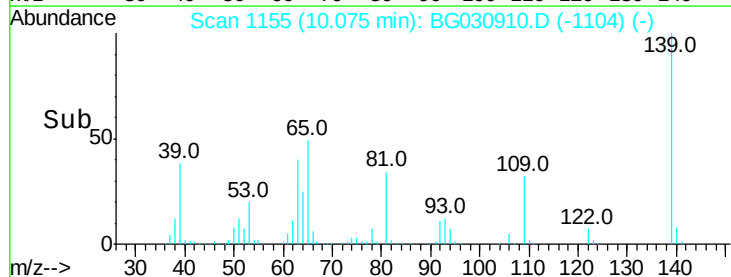
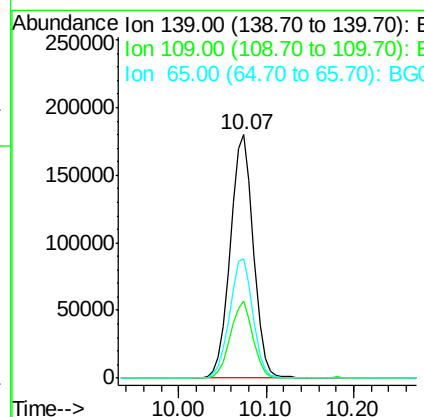
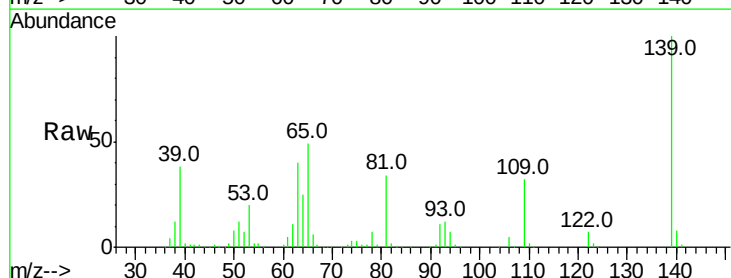
Instrument :
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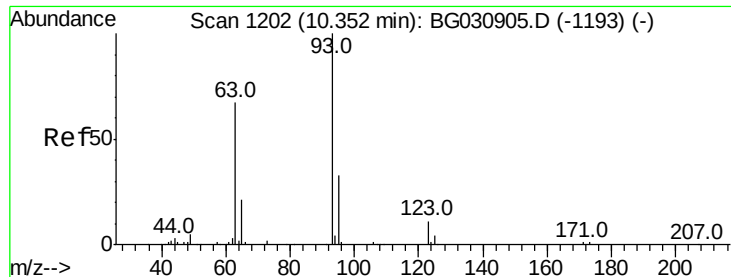
Tot Ion: 82 Resp: 1160784
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.2
138 20.2 12.1 18.1#



#26
2-Nitrophenol
Concen: 177.841 ng
RT: 10.07 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion:139 Resp: 324054
Ion Ratio Lower Upper
139 100
109 31.6 24.2 36.2
65 48.8 47.4 71.0

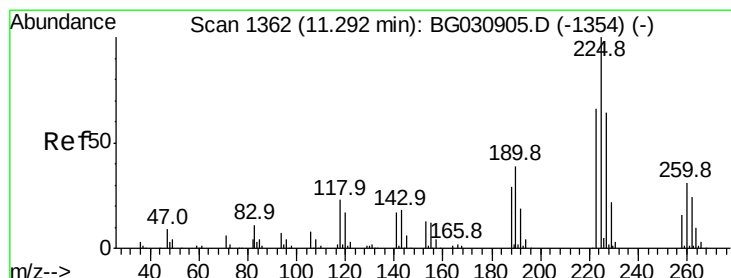
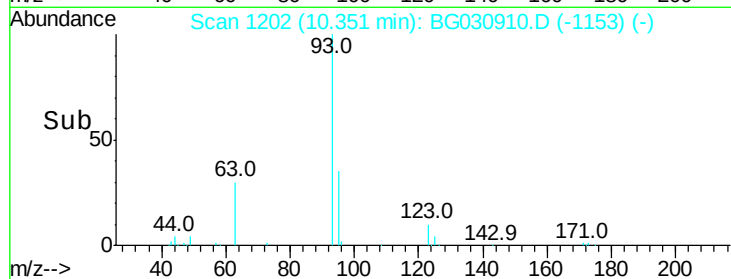
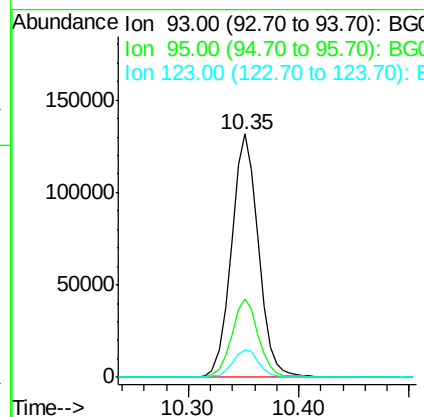
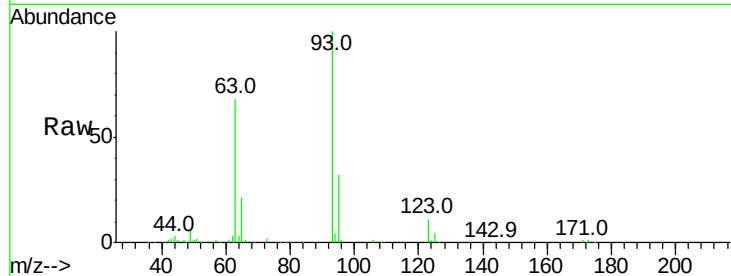




#28
bis(2-Chloroethoxy)methane
Concen: 53.644 ng
RT: 10.35 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

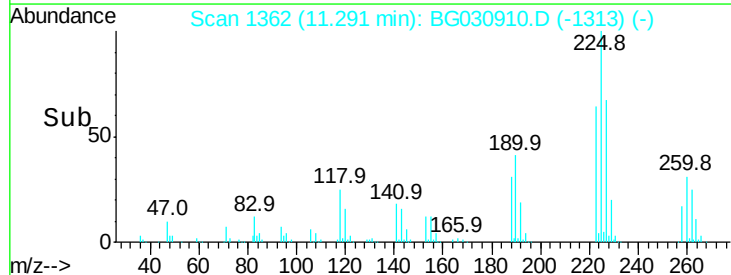
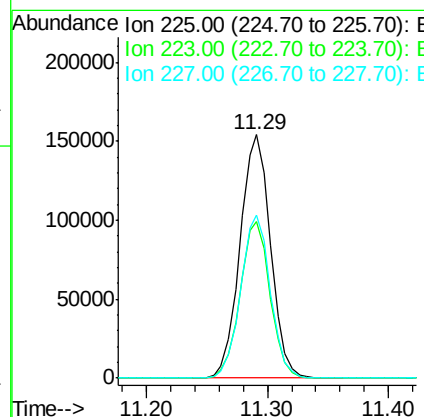
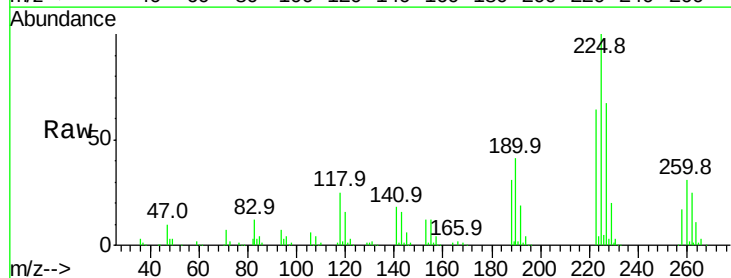
Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

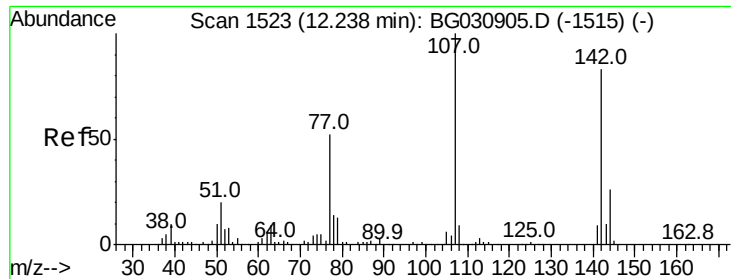
Tot Ion: 93 Resp: 225495
Ion Ratio Lower Upper
93 100
95 32.2 24.3 36.5
123 11.0 8.4 12.6



#34
Hexachlorobutadiene
Concen: 100.641 ng
RT: 11.29 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion: 225 Resp: 270687
Ion Ratio Lower Upper
225 100
223 64.5 49.7 74.5
227 66.7 48.1 72.1

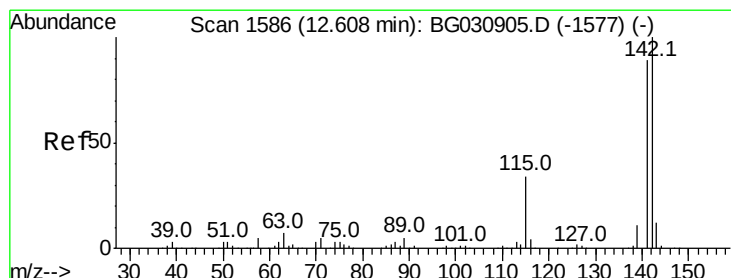
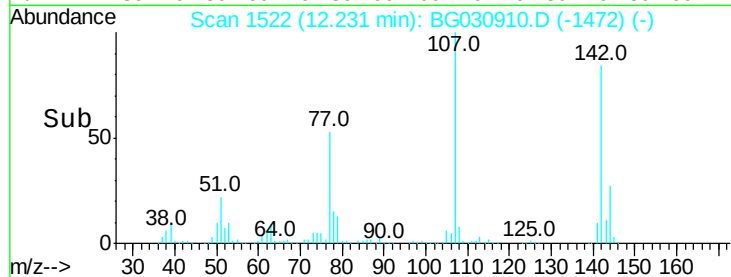
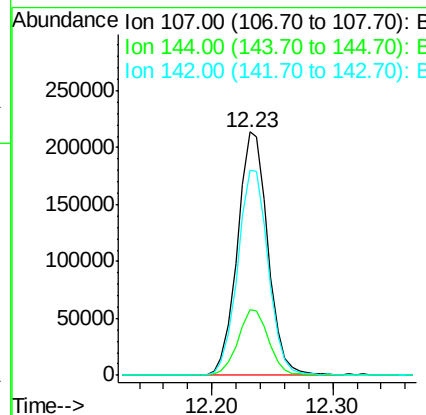
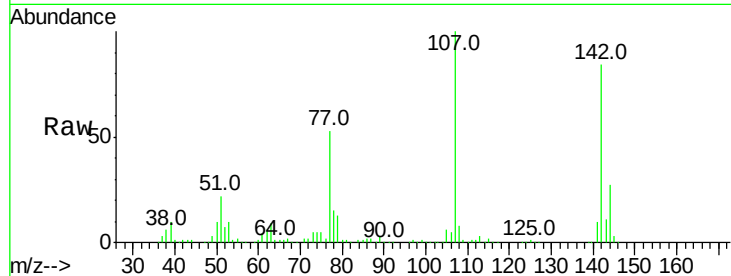




#36
4-Chloro-3-methylphenol
Concen: 106.508 ng
RT: 12.23 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

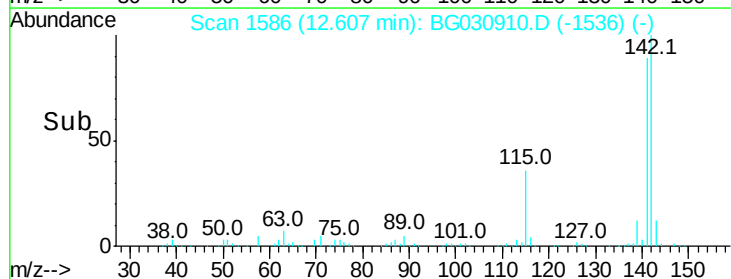
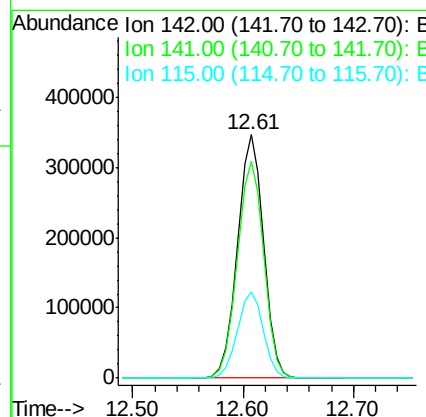
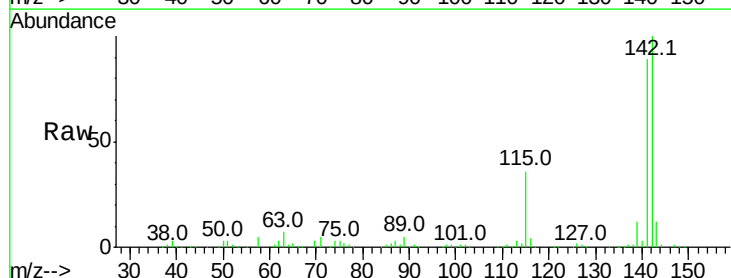
Instrument :
BNA_G
ClientSampled :
PT-BNA-Soil

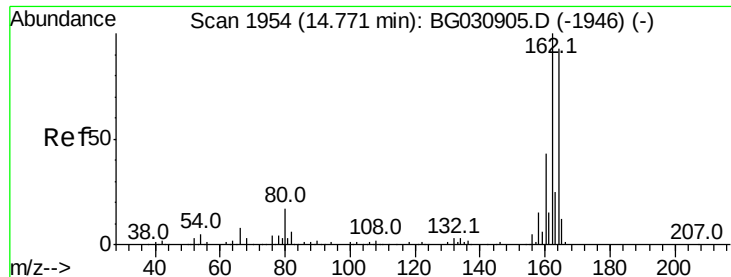
Tot Ion	Ratio	Lower	Upper
107	100		
144	27.0	18.2	27.4
142	84.2	59.0	88.4



#37
2-Methylnaphthalene
Concen: 74.656 ng
RT: 12.61 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	35.7	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

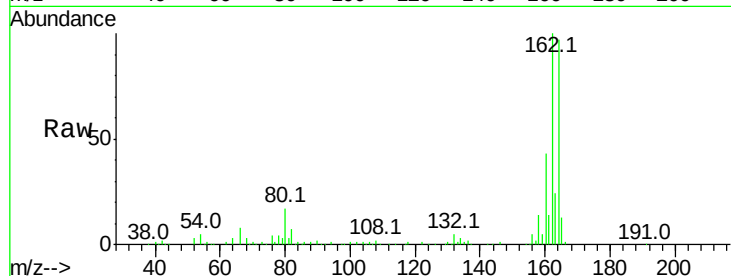
Tot Ion:164 Resp: 135495

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

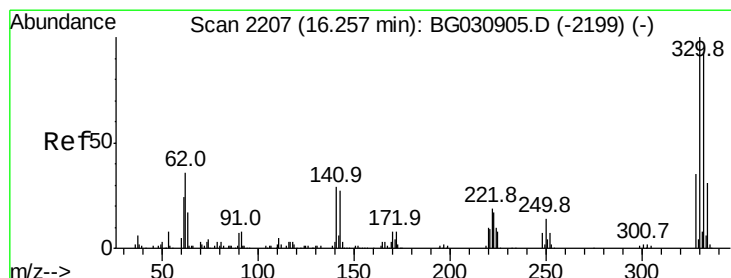
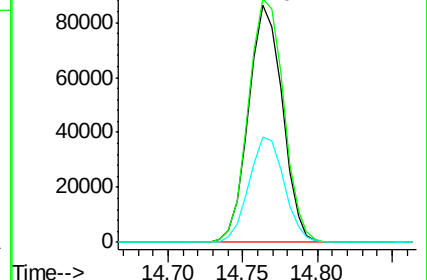
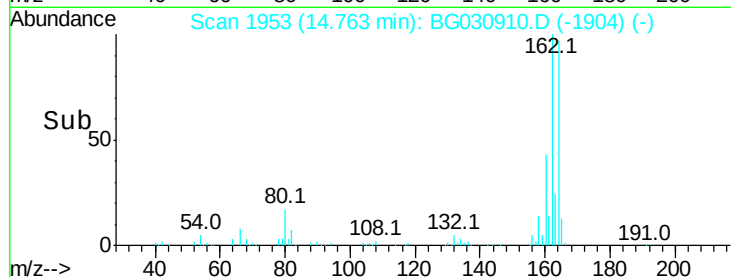
160 44.7 35.4 53.0



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: 93.038 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

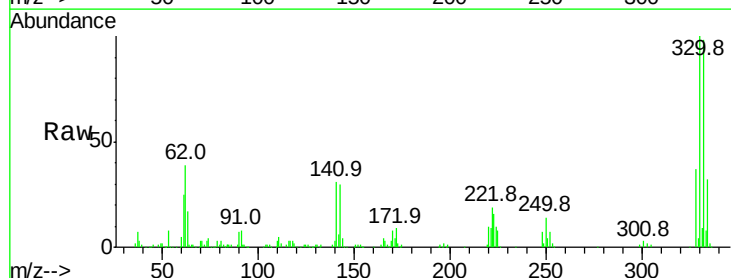
Tgt Ion:330 Resp: 203927

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

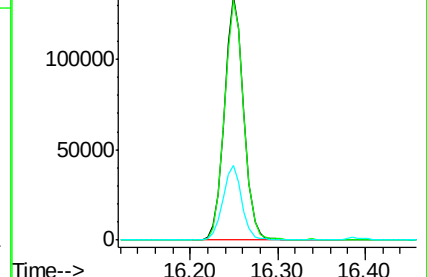
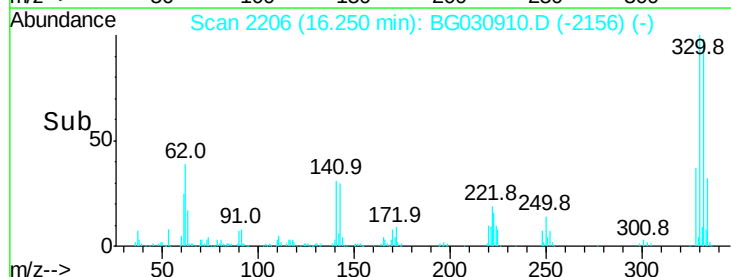
141 30.5 25.2 37.8

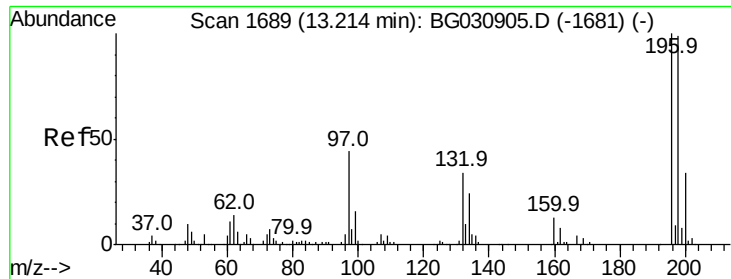


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

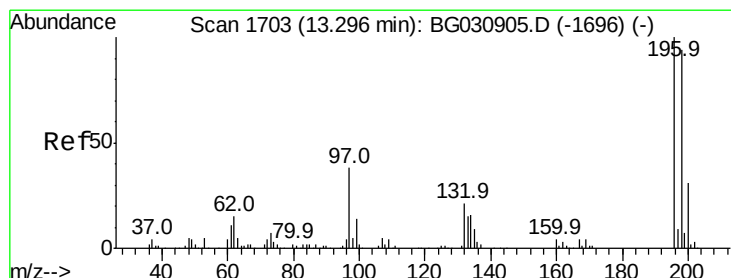
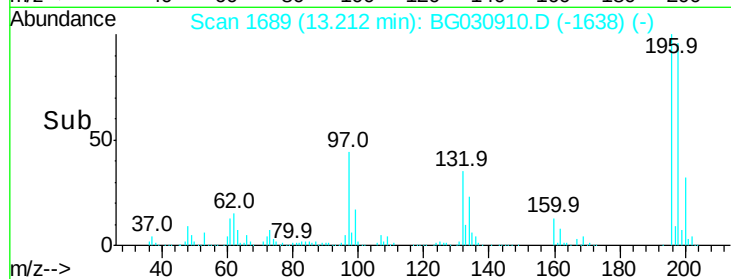
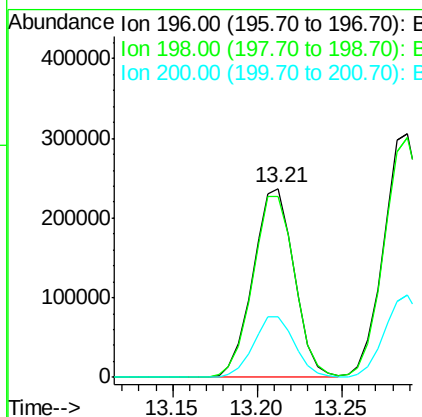
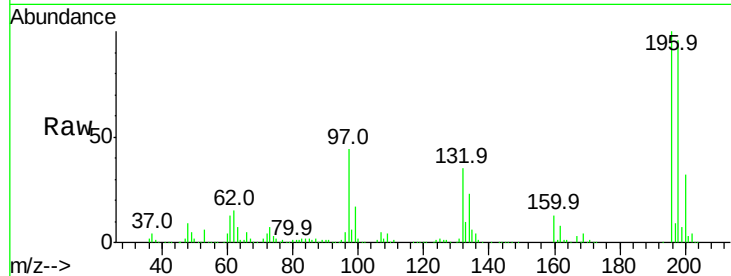




#42
 2,4,6-Trichlorophenol
 Concen: 130.582 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

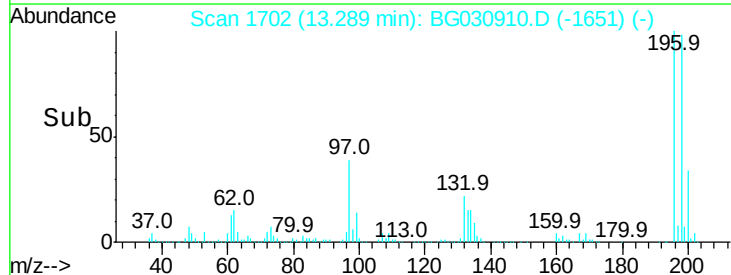
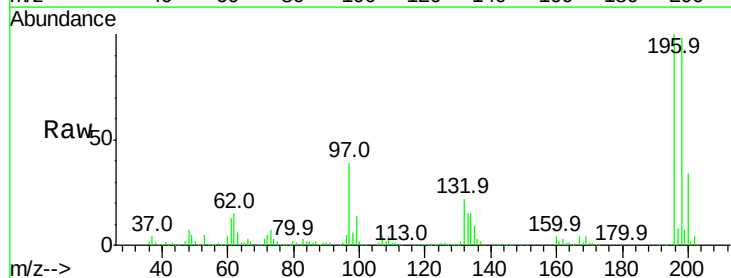
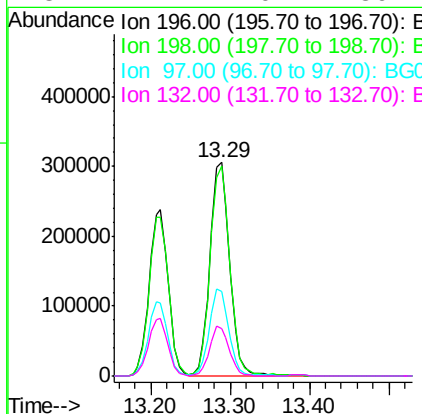
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-Soil

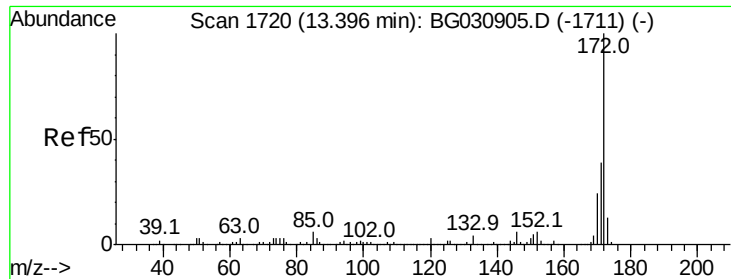
Tot Ion:196 Resp: 401444
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.2 117.2
 200 31.9 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 157.794 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG030910.D
 Acq: 10 Nov 2017 16:20

Tgt Ion:196 Resp: 530762
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.2 114.4
 97 39.3 38.7 58.1
 132 22.4 20.2 30.2

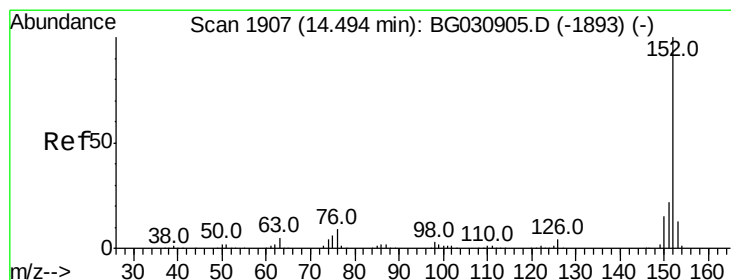
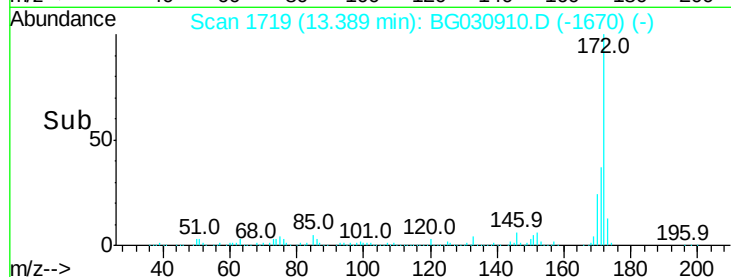
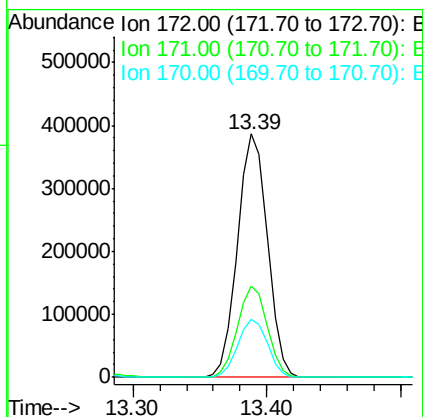
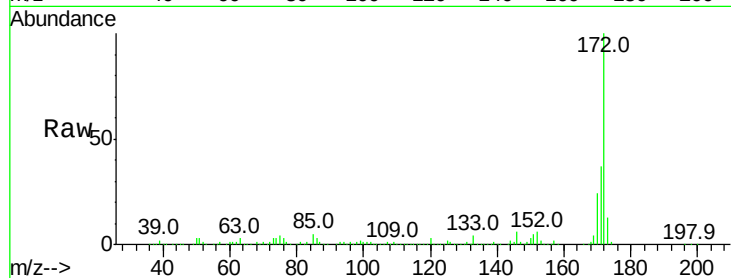




#44
2-Fluorobiphenyl
Concen: 63.459 ng
RT: 13.39 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

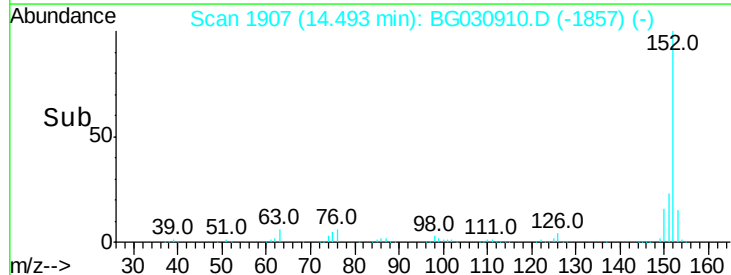
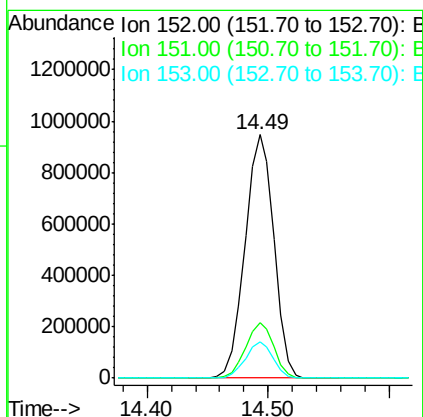
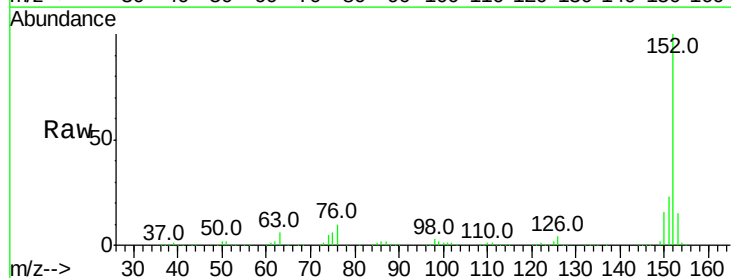
Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

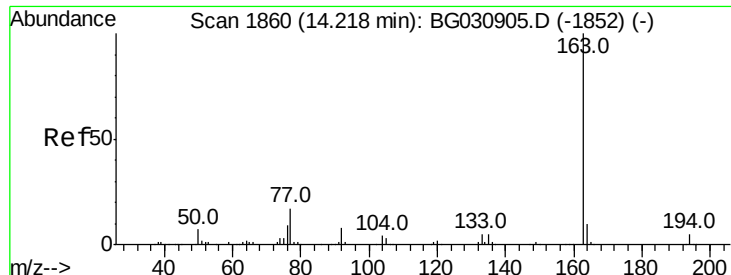
Tot Ion:172 Resp: 598404
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 24.0 19.5 29.3



#48
Acenaphthylene
Concen: 118.616 ng
RT: 14.49 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion:152 Resp: 1573823
Ion Ratio Lower Upper
152 100
151 22.7 17.2 25.8
153 14.8 10.2 15.4





#49

Dimethylphthalate

Concen: 83.280 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

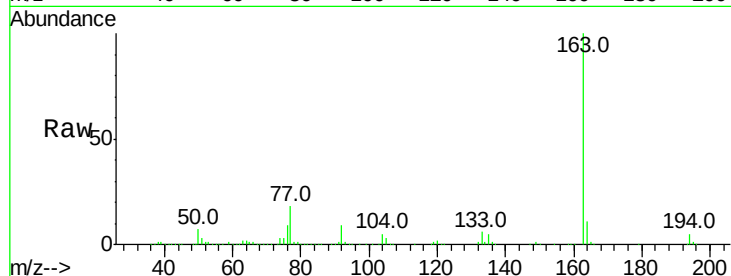
Tot Ion:163 Resp: 975666

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

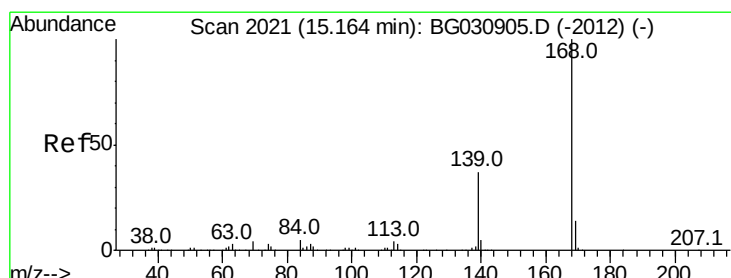
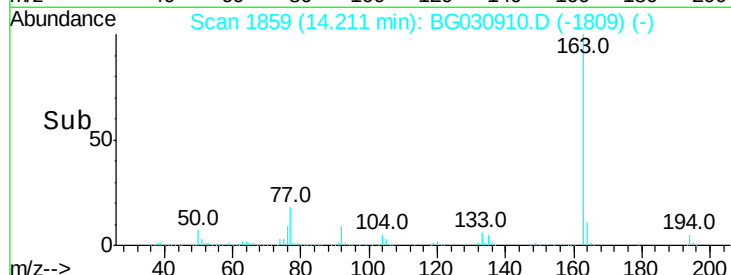
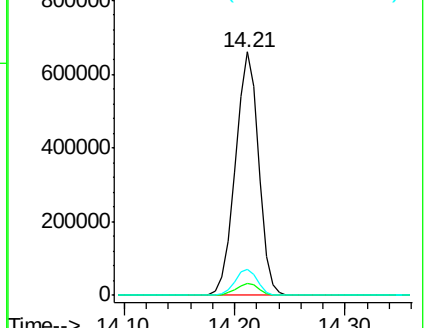
164 10.6 8.2 12.4



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: 96.480 ng

RT: 15.16 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

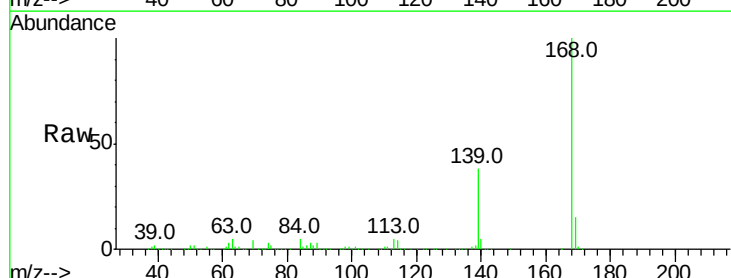
Tgt Ion:168 Resp: 1273431

Ion Ratio Lower Upper

168 100

139 37.7 28.6 43.0

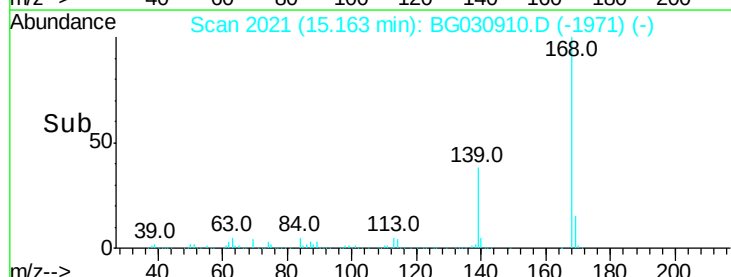
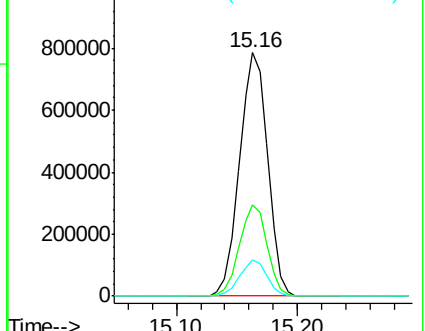
169 14.8 11.2 16.8

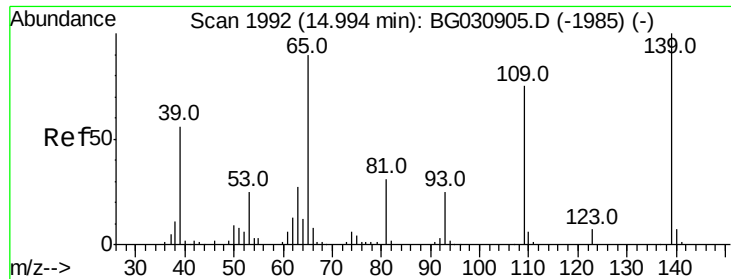


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 162.886 ng

RT: 14.99 min Scan# 1992

Delta R.T. 0.02 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

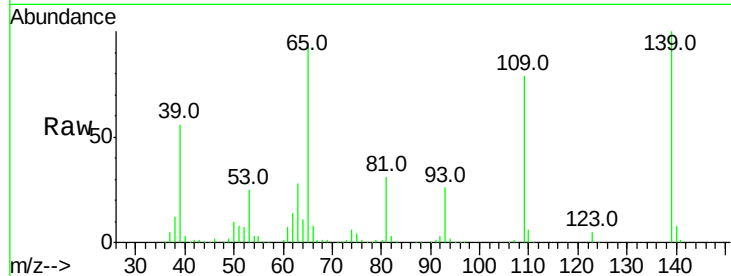
Tot Ion:139 Resp: 297502

Ion Ratio Lower Upper

139 100

109 78.8 62.2 102.2

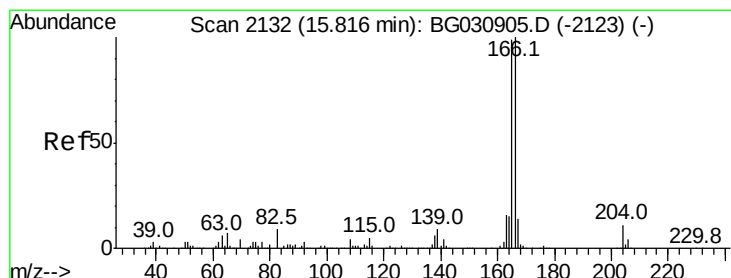
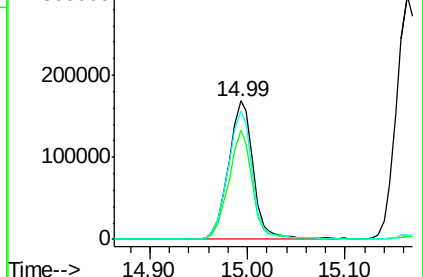
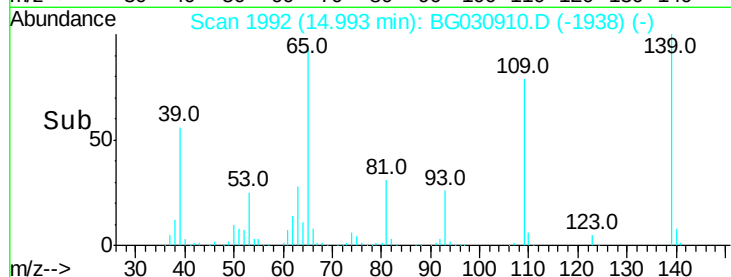
65 92.6 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

Fluorene

Concen: 105.031 ng

RT: 15.82 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

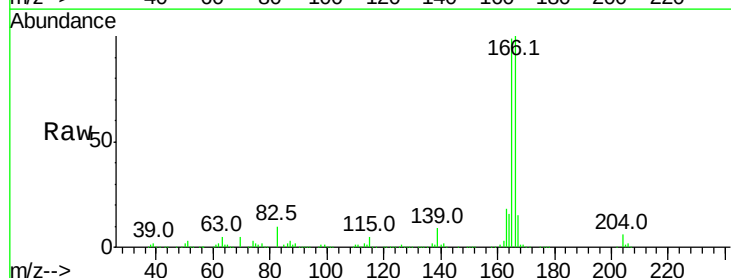
Tgt Ion:166 Resp: 1125488

Ion Ratio Lower Upper

166 100

165 98.6 80.6 121.0

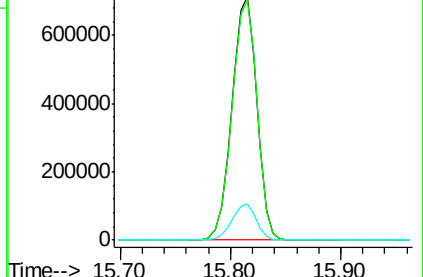
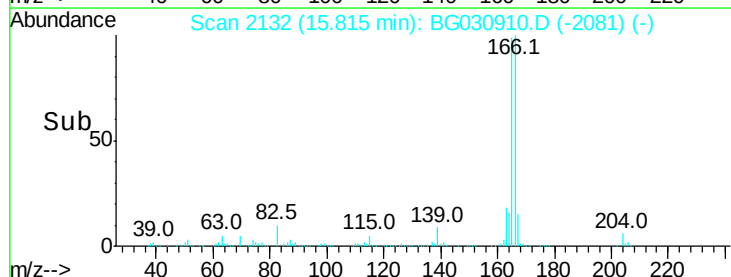
167 14.7 10.4 15.6

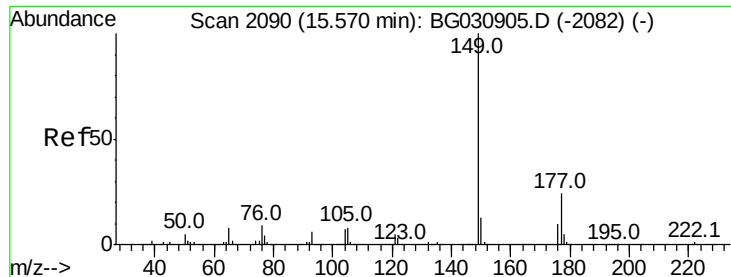


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

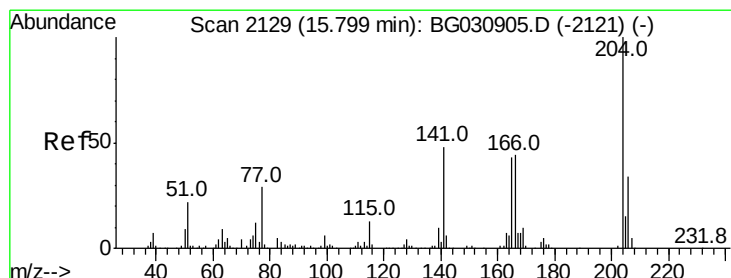
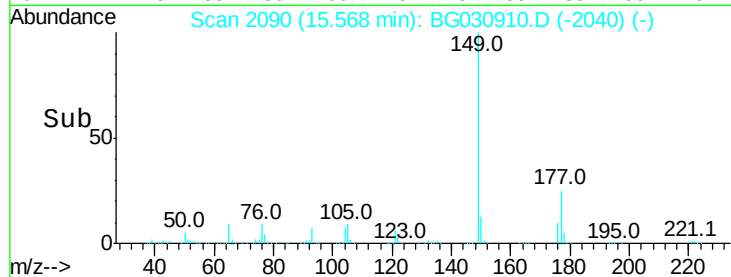
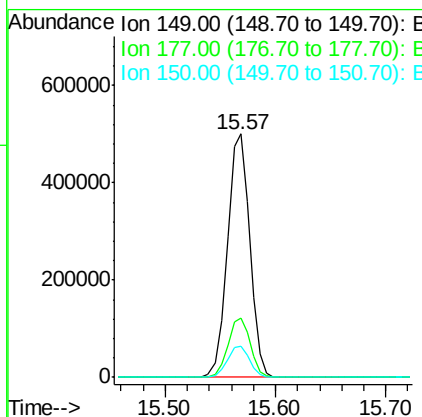
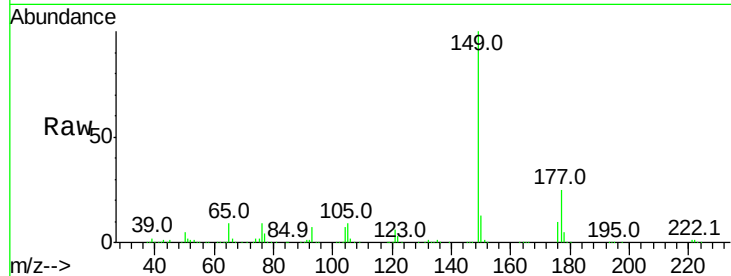




#59
Diethylphthalate
Concen: 59.555 ng
RT: 15.57 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

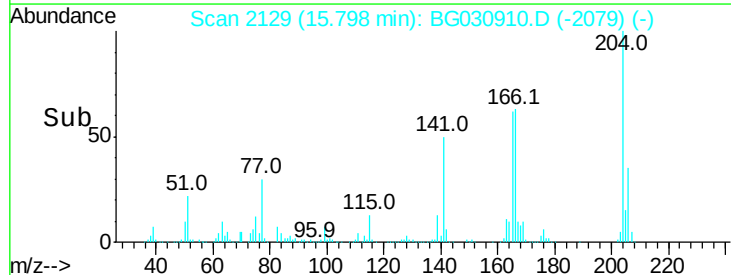
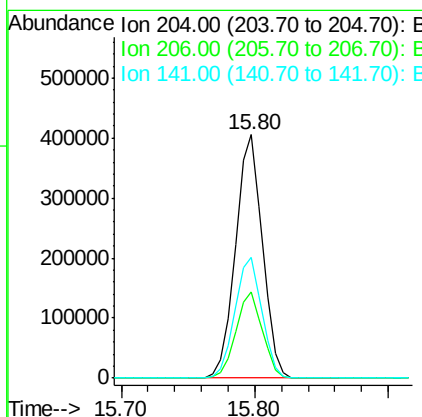
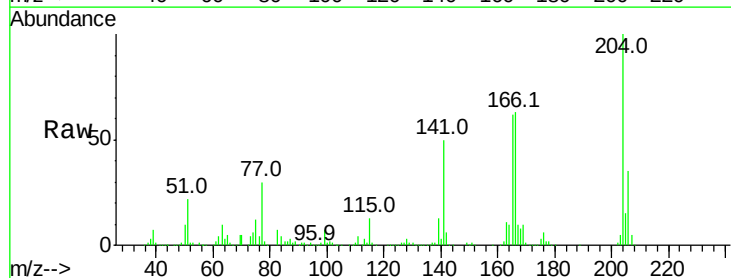
Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

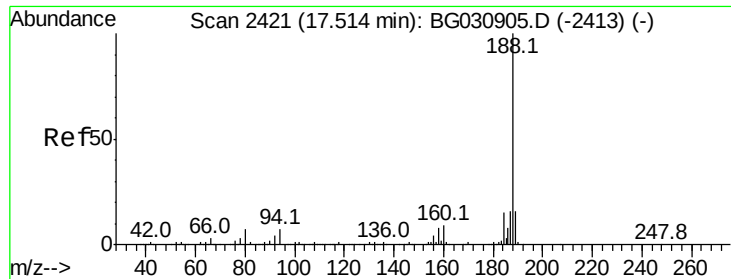
Tot Ion:149 Resp: 708723
Ion Ratio Lower Upper
149 100
177 24.5 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 87.457 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion:204 Resp: 565998
Ion Ratio Lower Upper
204 100
206 35.3 26.2 39.2
141 49.7 45.8 68.6

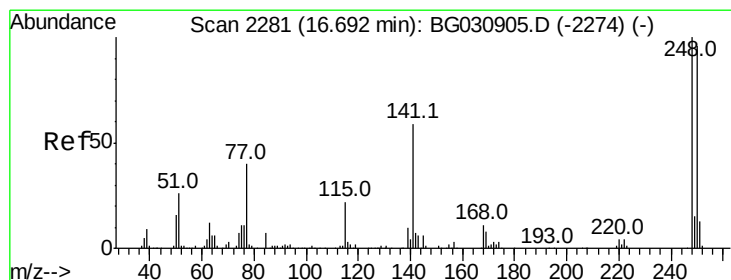
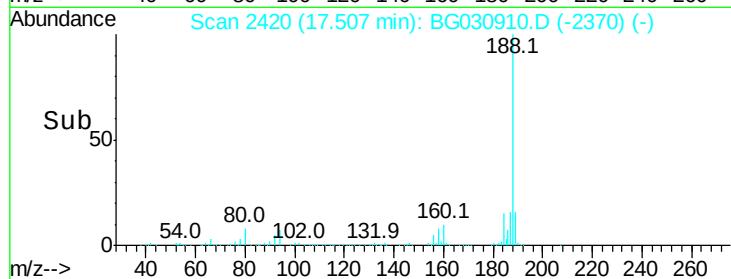
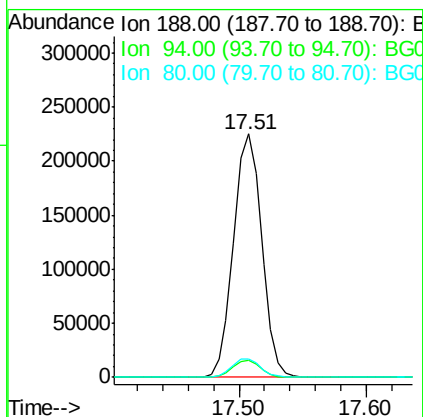
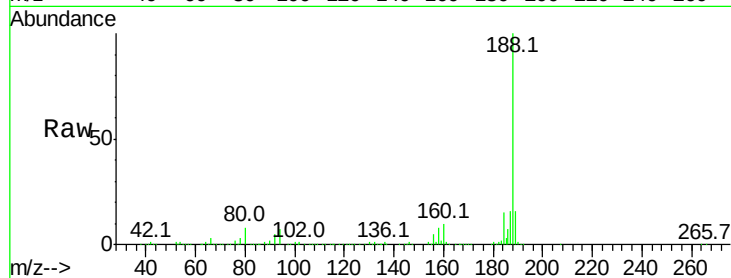




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

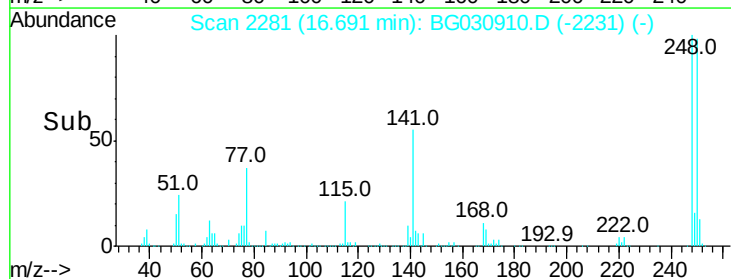
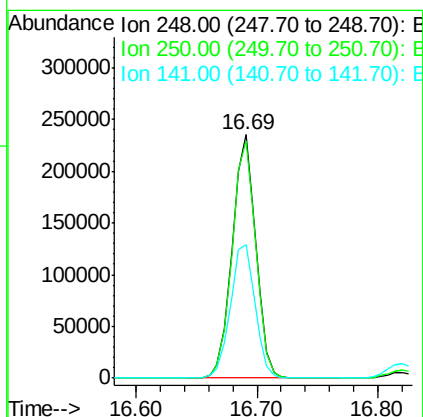
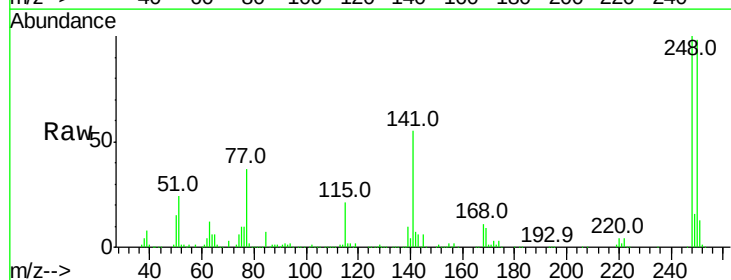
Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

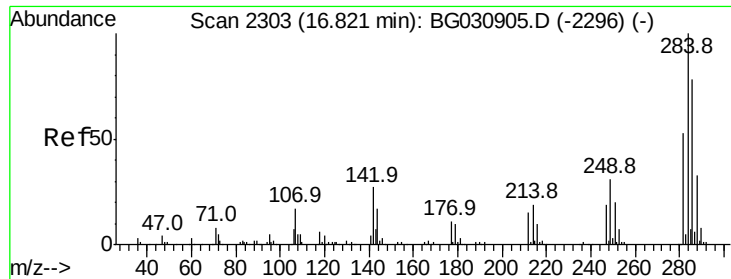
Tot Ion:188 Resp: 345865
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.7 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 72.823 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion:248 Resp: 319001
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 55.0 50.8 76.2





#67

Hexachlorobenzene

Concen: 102.068 ng

RT: 16.82 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

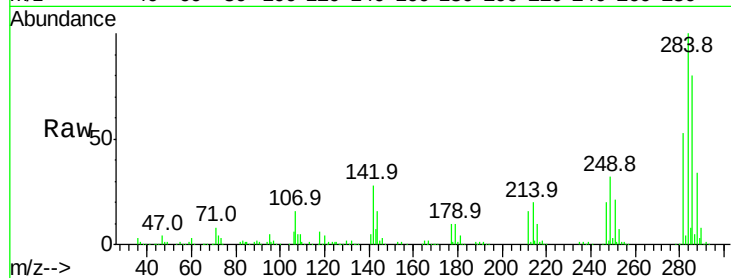
Tot Ion:284 Resp: 475075

Ion Ratio Lower Upper

284 100

142 27.8 26.8 40.2

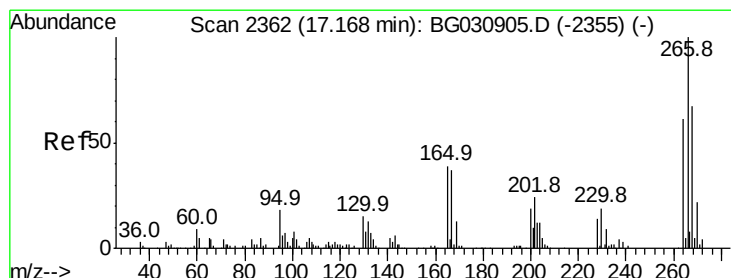
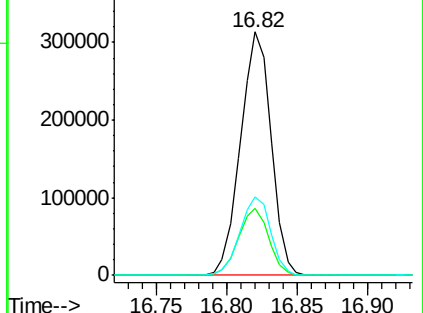
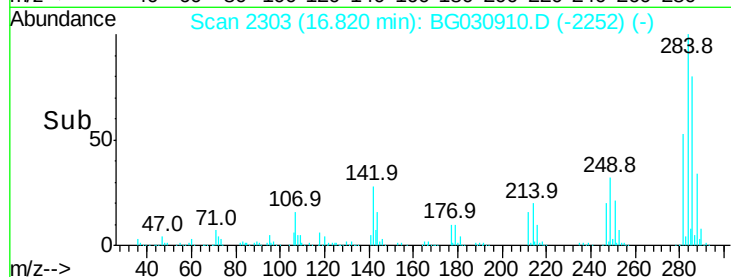
249 32.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Pentachlorophenol

Concen: 118.608 ng

RT: 17.16 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

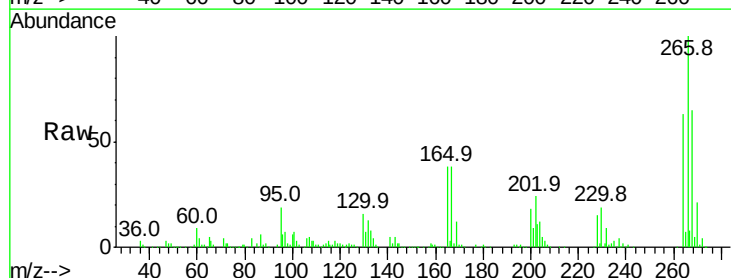
Tgt Ion:266 Resp: 305166

Ion Ratio Lower Upper

266 100

268 65.3 51.1 76.7

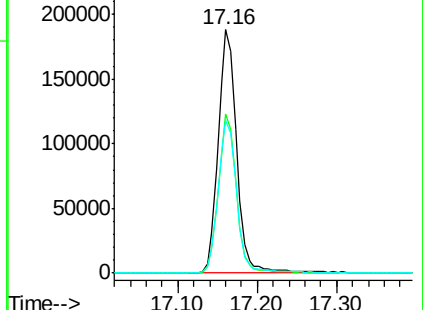
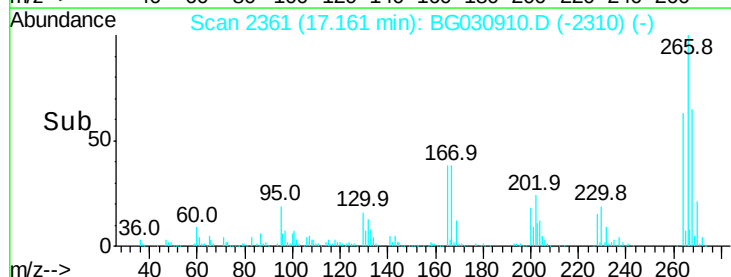
264 62.9 49.6 74.4

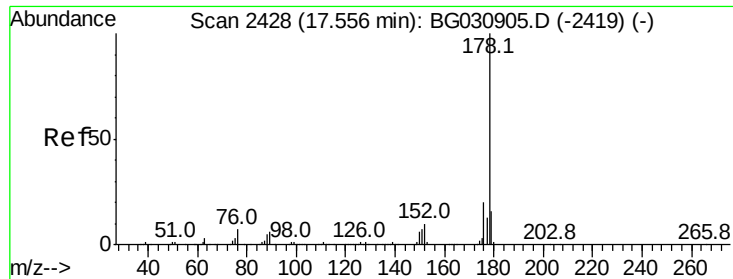


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 44.288 ng

RT: 17.55 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

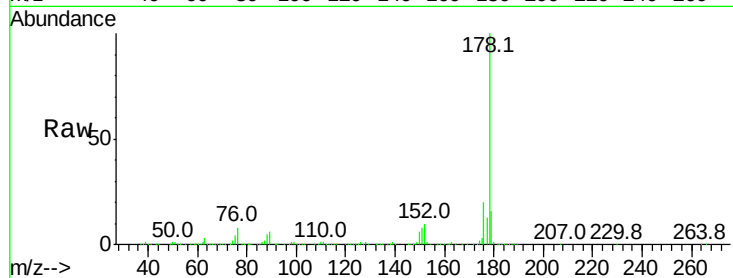
Tot Ion:178 Resp: 797547

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

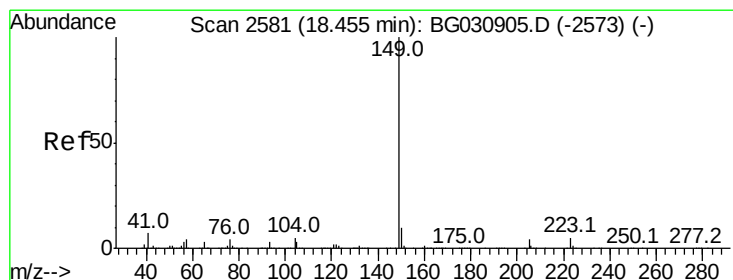
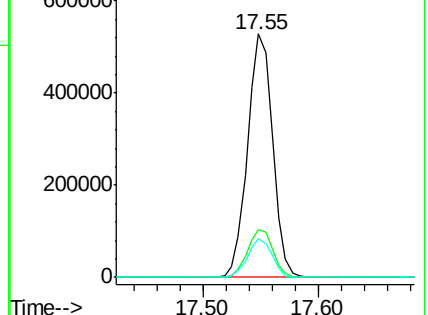
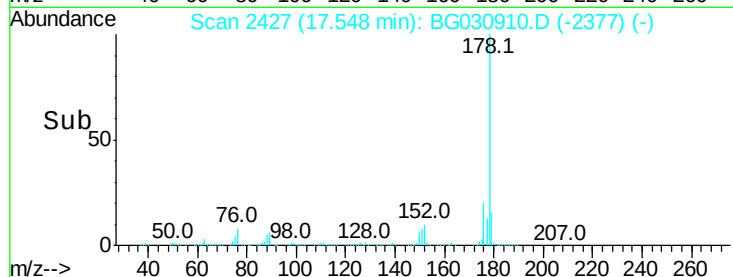
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 96.907 ng

RT: 18.45 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

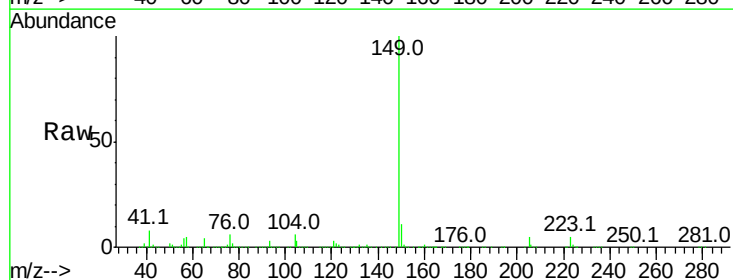
Tgt Ion:149 Resp: 2011727

Ion Ratio Lower Upper

149 100

150 11.5 7.8 11.6

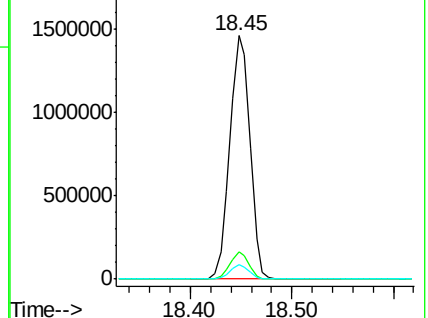
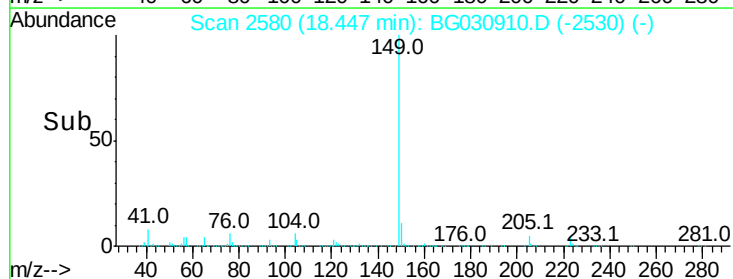
104 5.9 3.9 5.9

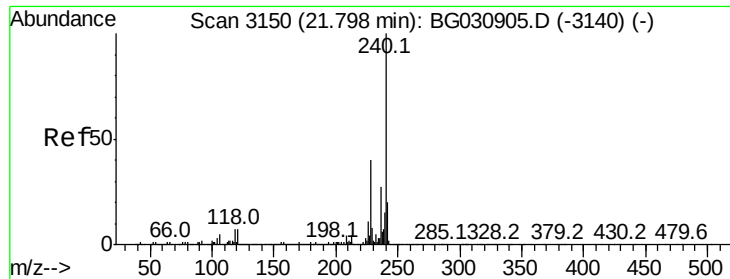


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3148

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

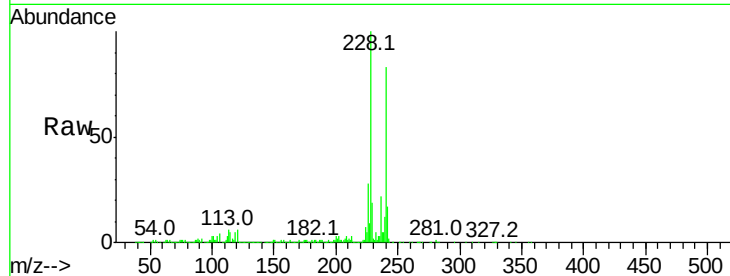
Tot Ion:240 Resp: 388906

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

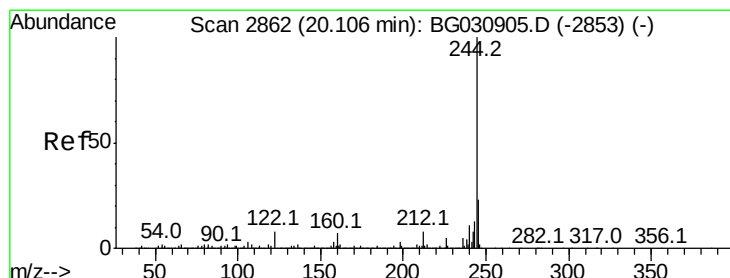
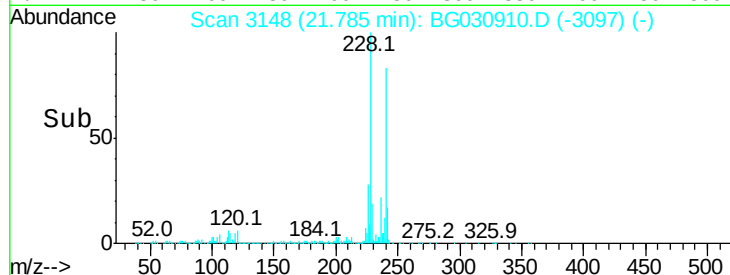
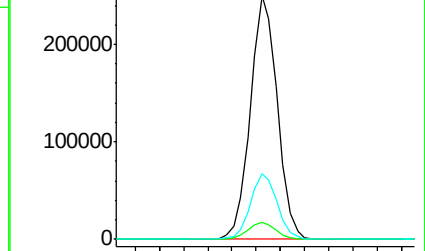
236 26.8 20.9 31.3



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: 63.701 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

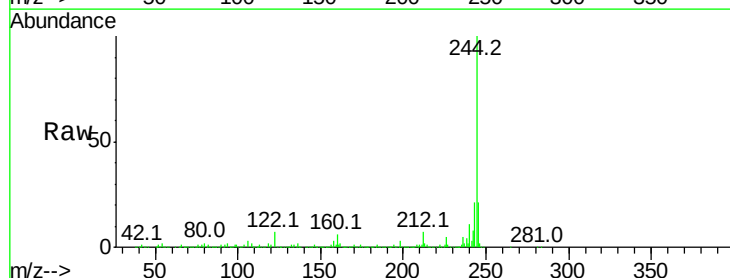
Tgt Ion:244 Resp: 1121955

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

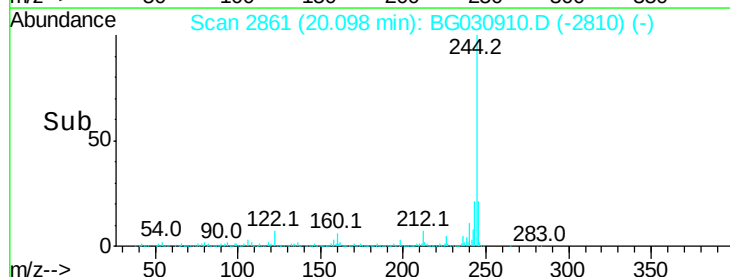
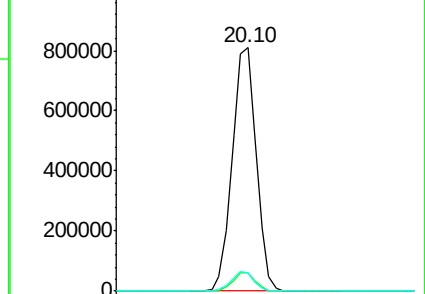
122 7.4 7.0 10.4

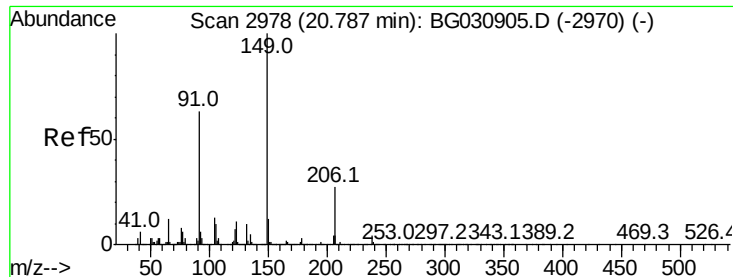


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

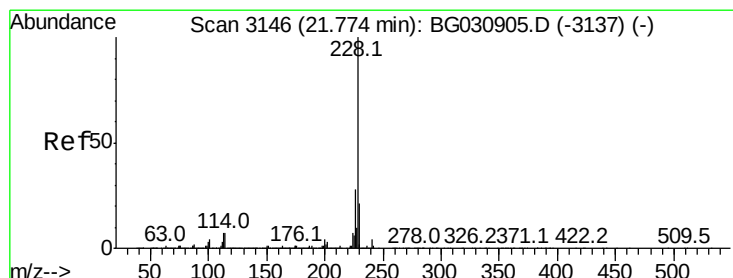
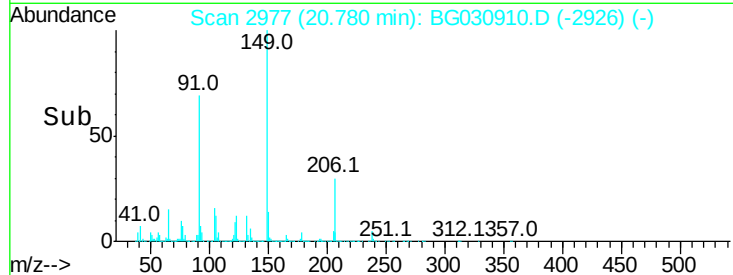
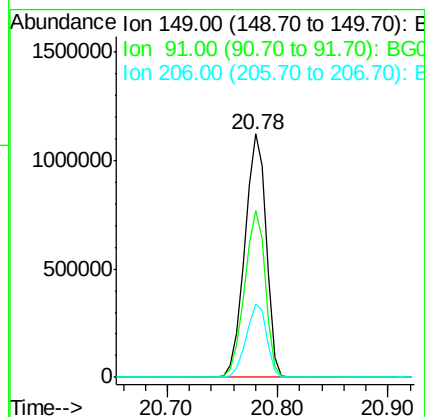
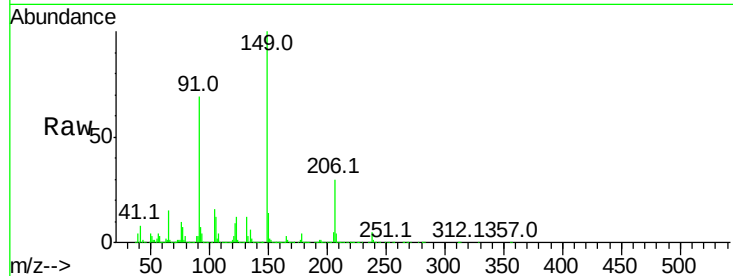




#79
Butylbenzylphthalate
Concen: 165.849 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

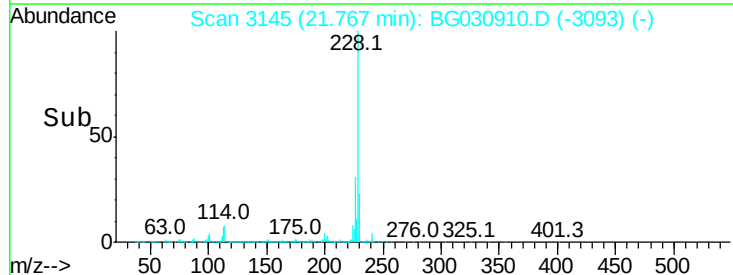
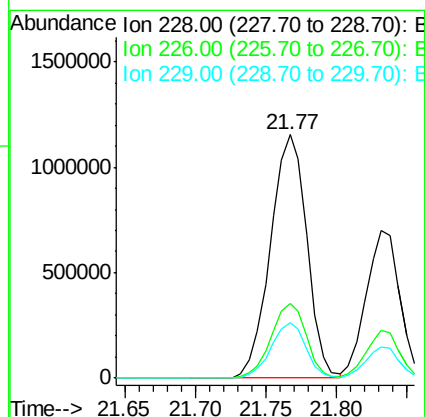
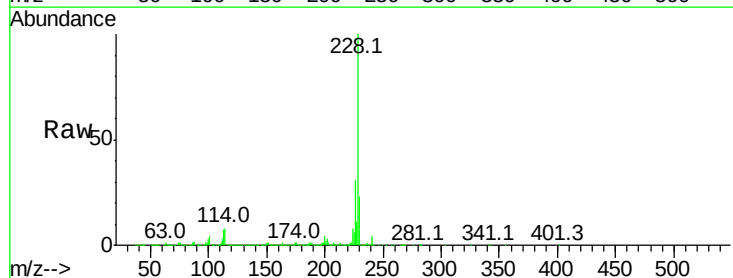
Instrument :
BNA_G
ClientSampleId :
PT-BNA-Soil

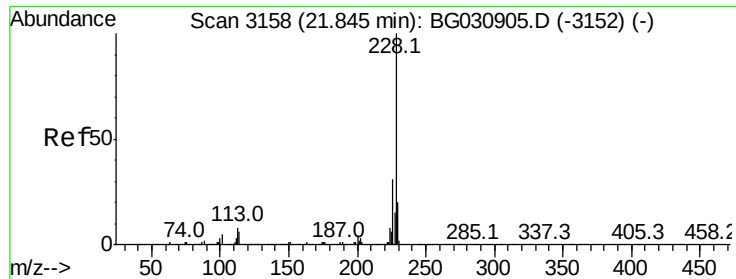
Tot Ion:149 Resp: 1526046
Ion Ratio Lower Upper
149 100
91 68.6 62.2 93.2
206 30.1 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 86.183 ng
RT: 21.77 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG030910.D
Acq: 10 Nov 2017 16:20

Tgt Ion:228 Resp: 2081942
Ion Ratio Lower Upper
228 100
226 30.9 22.7 34.1
229 23.0 16.2 24.2





#82

Chrysene

Concen: 51.579 ng

RT: 21.83 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

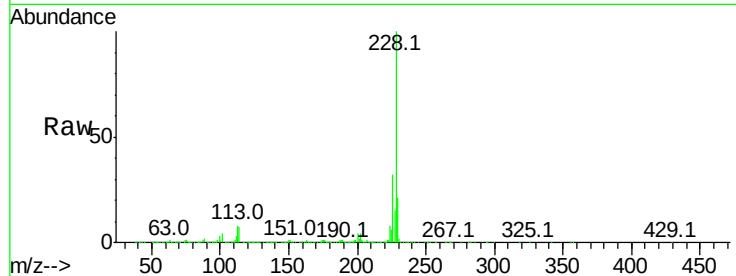
BNA_G

ClientSampleId :

PT-BNA-Soil

Tot Ion:228 Resp: 1152594

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.2	15.0	22.4

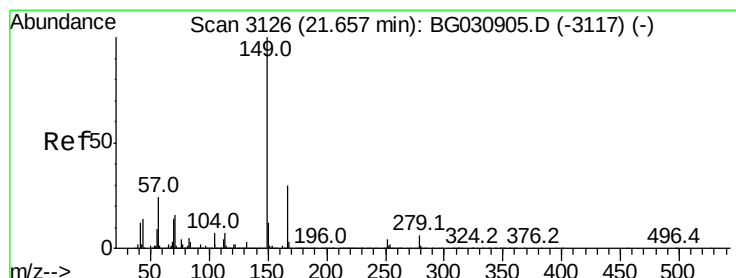
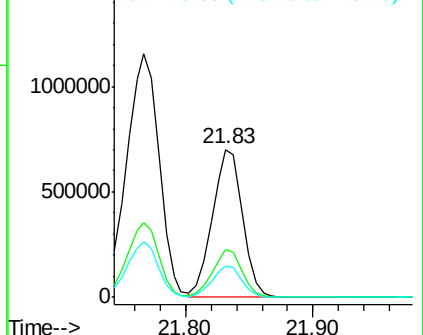
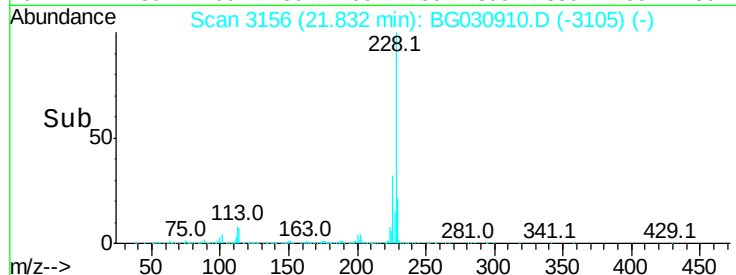


Abundance

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: 47.593 ng

RT: 21.64 min Scan# 3124

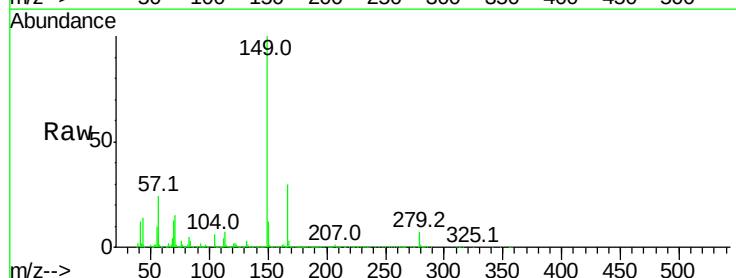
Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Tgt Ion:149 Resp: 632141

Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	6.6	4.0	6.0

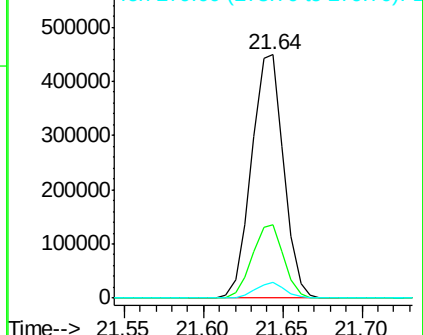
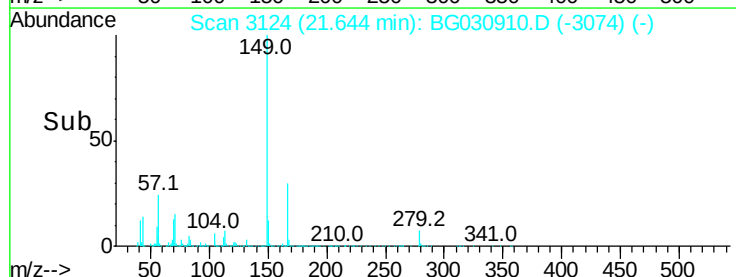


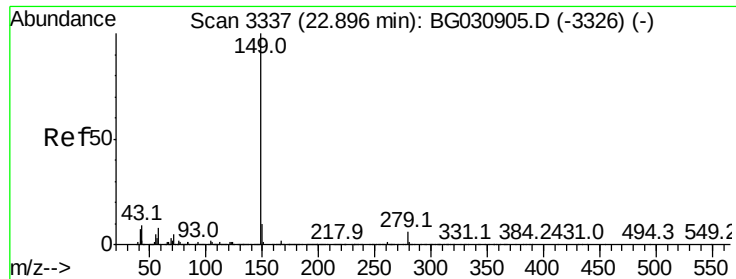
Abundance

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: 141.946 ng

RT: 22.88 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

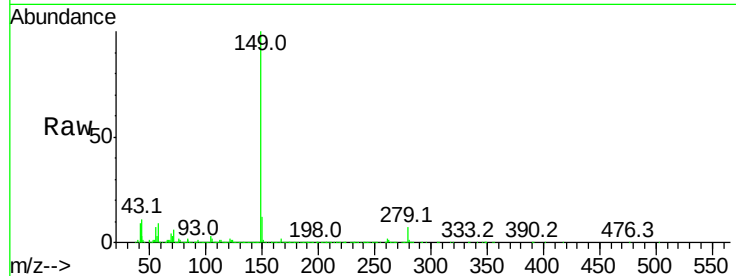
Tot Ion:149 Resp: 3068633

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

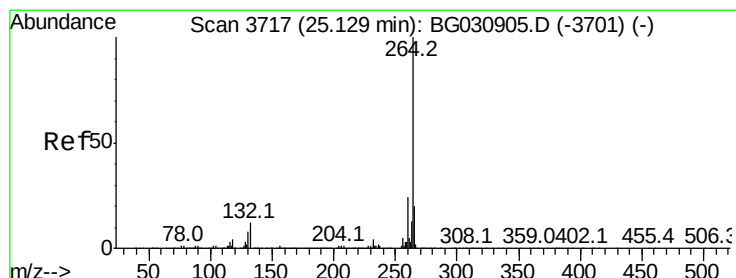
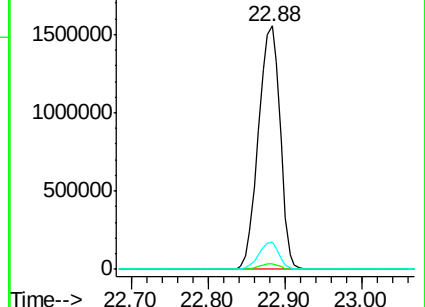
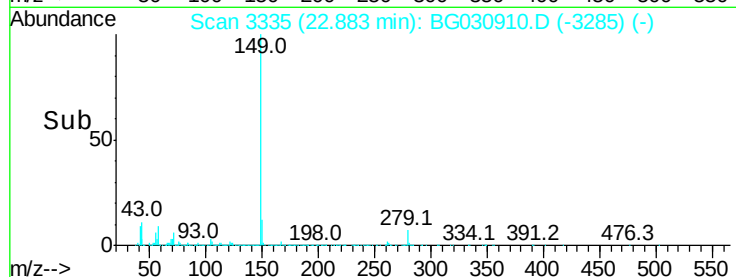
43 10.3 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

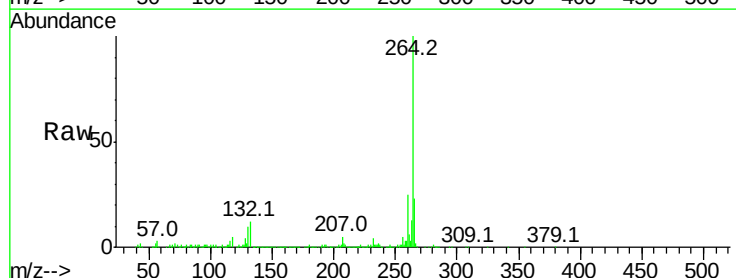
Tgt Ion:264 Resp: 401300

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

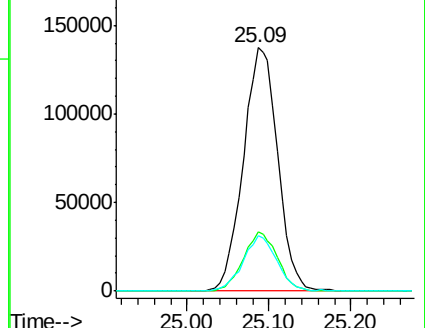
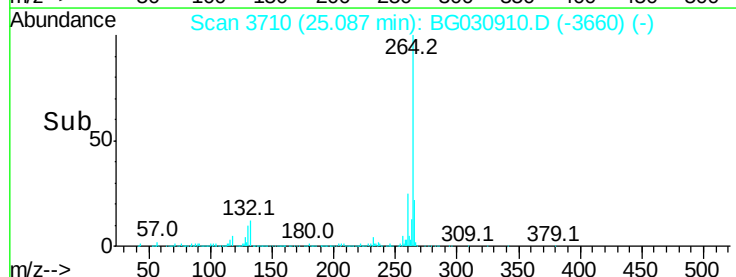
265 22.6 17.7 26.5

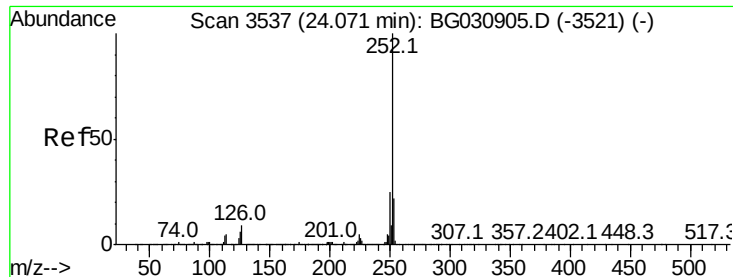


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.636 ng

RT: 24.04 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Instrument :

BNA_G

ClientSampleId :

PT-BNA-Soil

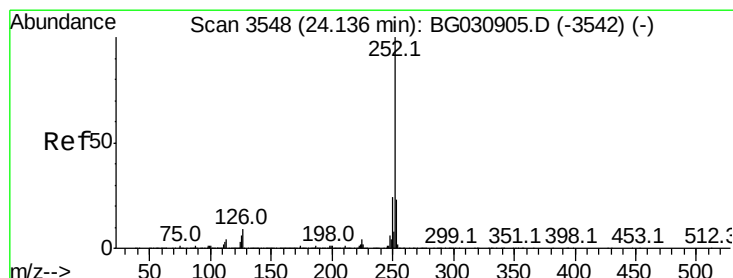
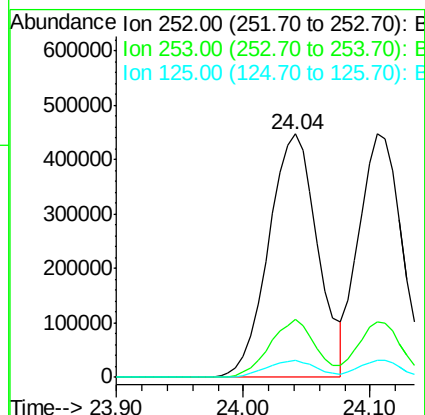
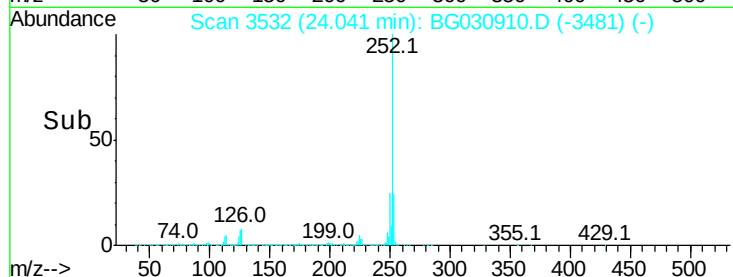
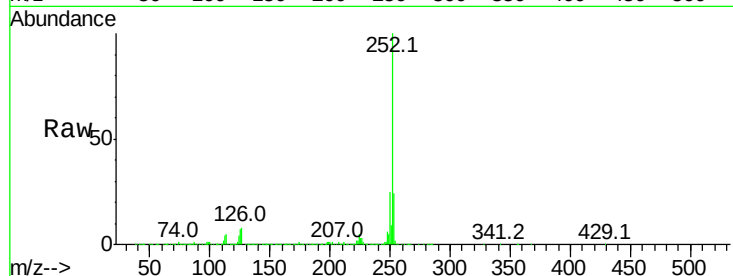
Tot Ion:252 Resp: 1204901

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.4

125 6.9 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 43.526 ng

RT: 24.11 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG030910.D

Acq: 10 Nov 2017 16:20

Tgt Ion:252 Resp: 1047282

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 7.1 6.6 9.8

