

Data Path : Z:\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 :

Quant Time: Nov 11 04:58:30 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
6) Aniline	7.55	93	42883	9.80	ng	# 54
11) bis(2-Chloroethyl)ether	7.55	93	42883	15.55	ng	92
12) 1,3-Dichlorobenzene	8.03	146	89503	28.00	ng	97
13) 1,4-Dichlorobenzene	8.18	146	42213	13.03	ng	93
14) 1,2-Dichlorobenzene	8.50	146	62558	20.12	ng	96
18) Hexachloroethane	9.23	117	12623	11.20	ng	# 79
25) Isophorone	9.87	82	228145	38.06	ng	# 92
26) 2-Nitrophenol	10.07	139	58317	35.63	ng	90
28) bis(2-Chloroethoxy)methane	10.35	93	40338	10.68	ng	# 93
32) Benzoic acid	10.06	122	3455	7.17	ng	# 1
34) Hexachlorobutadiene	11.29	225	49511	20.49	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	67708	21.32	ng	92
37) 2-Methylnaphthalene	12.60	142	105758	15.30	ng	94
42) 2,4,6-Trichlorophenol	13.21	196	74818	25.52	ng	98
43) 2,4,5-Trichlorophenol	13.28	196	99865	31.14	ng	92
48) Acenaphthylene	14.49	152	319886	25.29	ng	98
49) Dimethylphthalate	14.21	163	198148	17.74	ng	99
54) Dibenzofuran	15.16	168	260120	20.67	ng	99
55) 4-Nitrophenol	14.99	139	51307	29.46	ng	# 82
57) Fluorene	15.81	166	234779	22.98	ng	98
59) Diethylphthalate	15.56	149	140082	12.35	ng	97
60) 4-Chlorophenyl-phenylether	15.79	204	116326	18.85	ng	92
66) 4-Bromophenyl-phenylether	16.69	248	61701	14.10	ng	95
67) Hexachlorobenzene	16.82	284	96480	20.75	ng	94
69) Pentachlorophenol	17.16	266	50760	19.75	ng	97
70) Phenanthrene	17.55	178	162042	9.01	ng	99
71) Anthracene	17.55	178	162042	8.99	ng	98
73) Di-n-butylphthalate	18.44	149	466224	22.48	ng	99
79) Butylbenzylphthalate	20.77	149	364975	37.12	ng	87
80) Benzo(a)anthracene	21.76	228	479215	18.57	ng	99
82) Chrysene	21.82	228	255989	10.72	ng	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	127355	8.97	ng	98
84) Di-n-octyl phthalate	22.87	149	752962	32.60	ng	# 95
87) Benzo(b)fluoranthene	24.03	252	249043	9.99	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

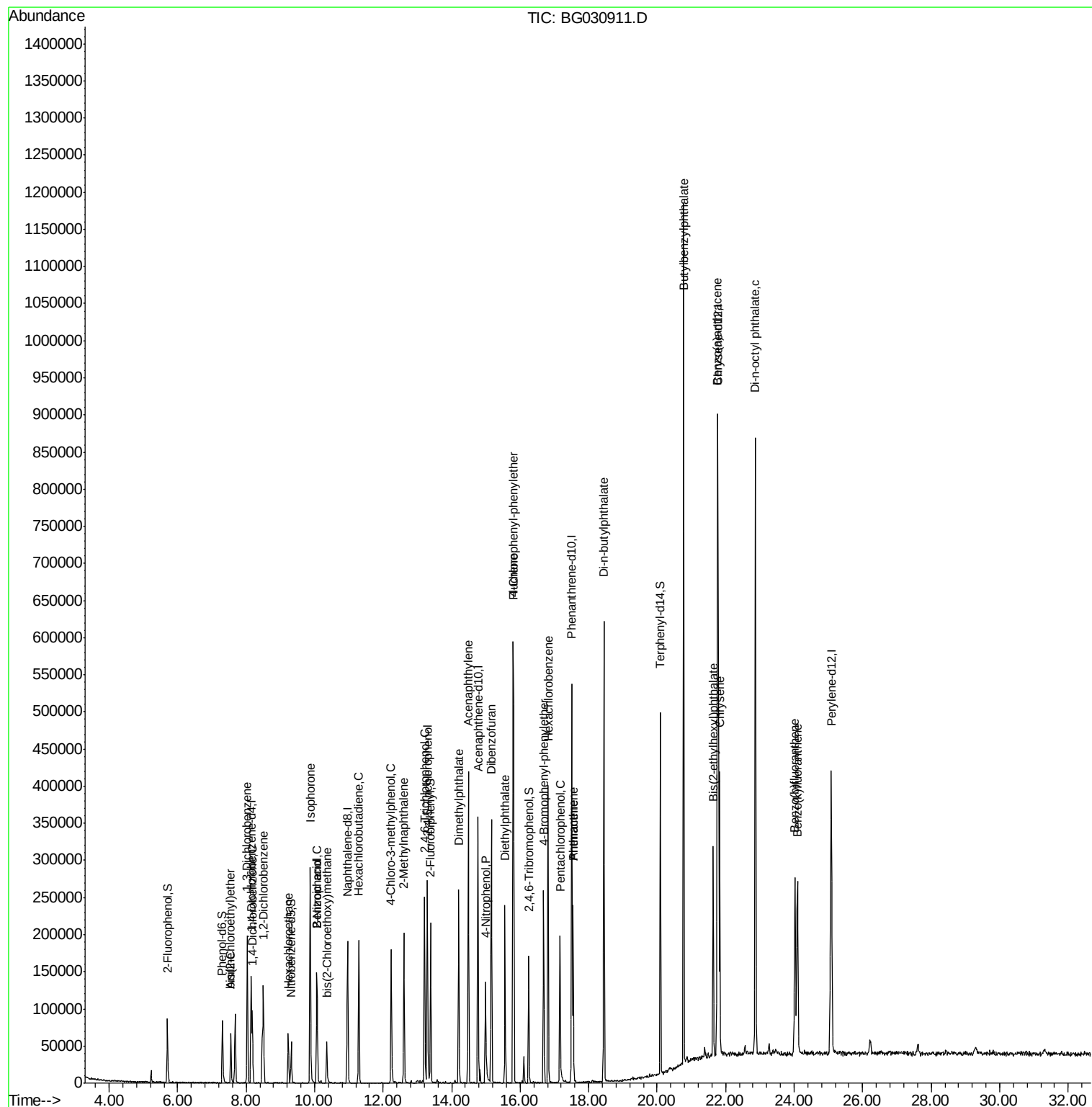
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	24.10	252	221827	8.98	nq	98

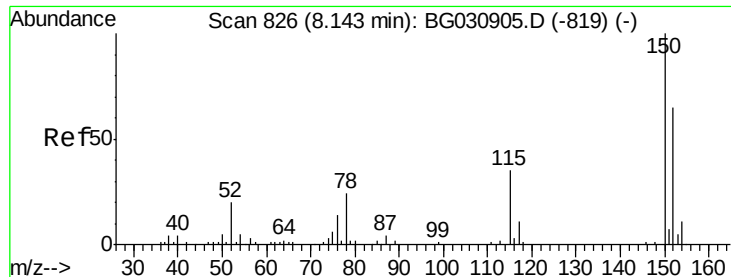
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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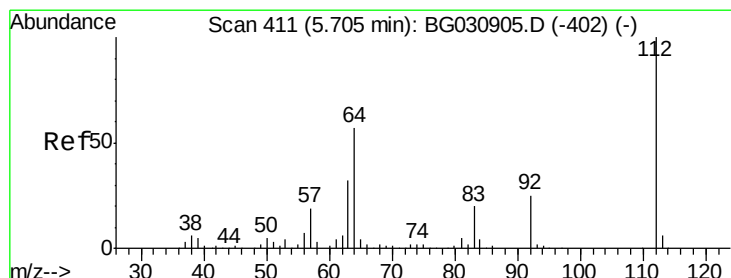
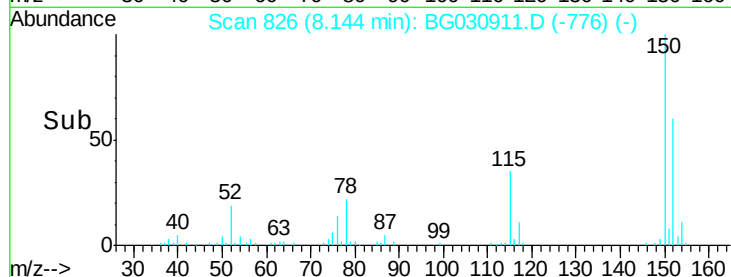
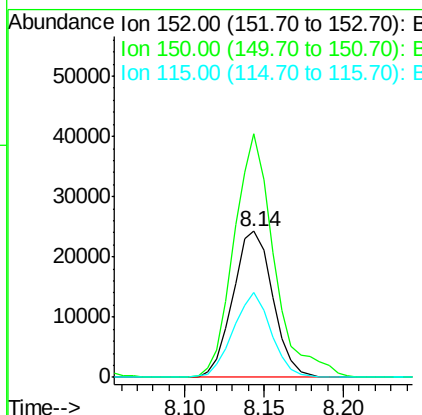
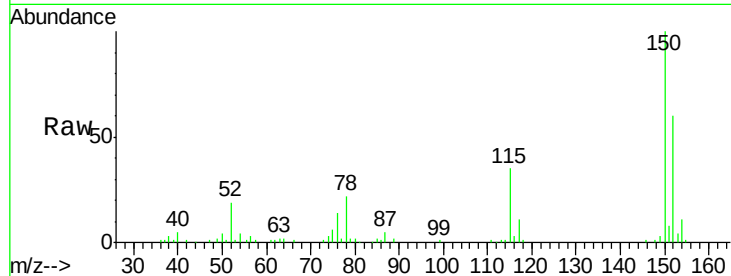


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 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 :

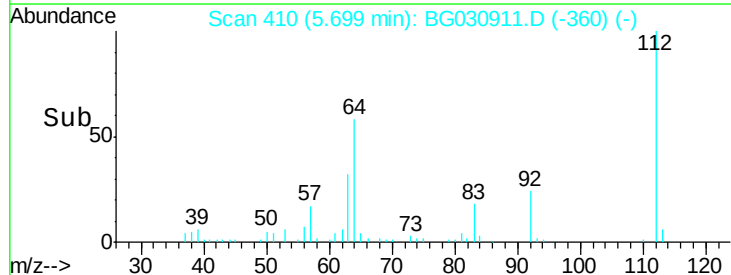
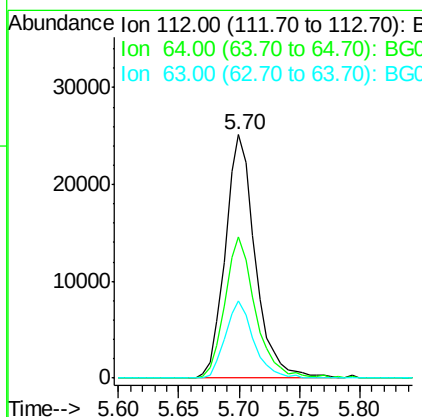
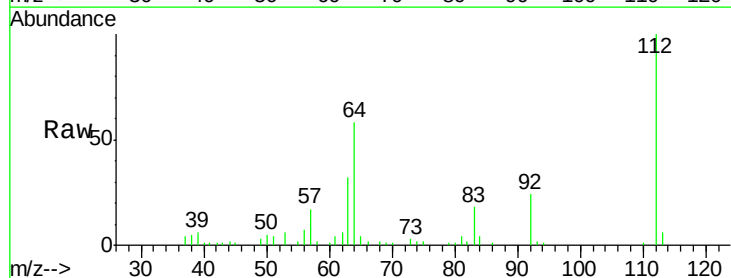
Tot Ion:152 Resp: 42327
Ion Ratio Lower Upper
152 100
150 166.6 126.6 189.8
115 58.2 53.0 79.4

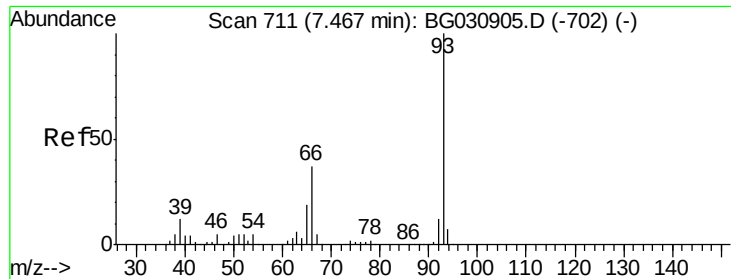


#5

2-Fluorophenol
Concen: 17.53 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





#6

Aniline

Concen: 9.80 ng

RT: 7.55 min Scan# 725

Delta R.T. 0.08 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

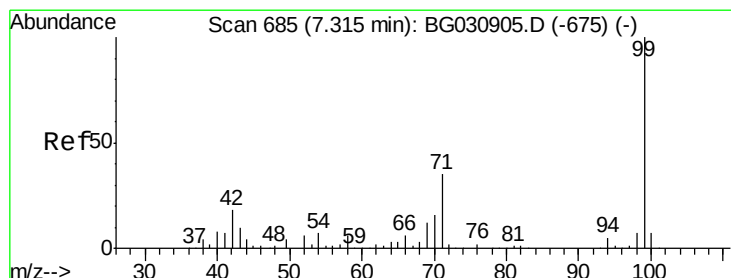
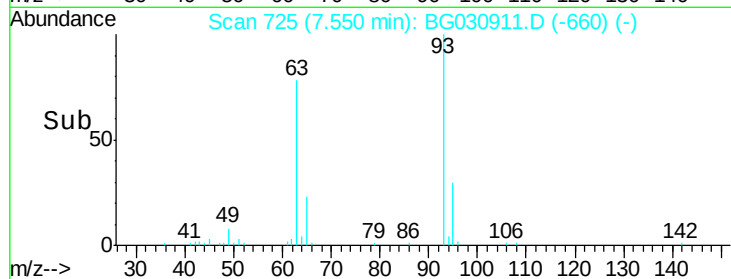
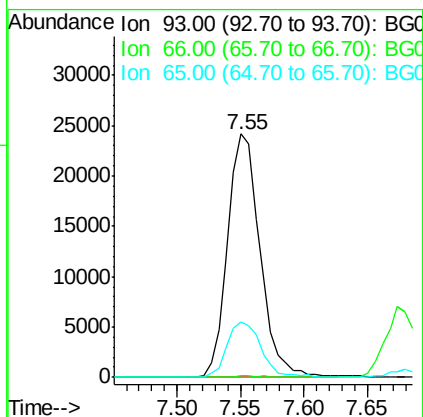
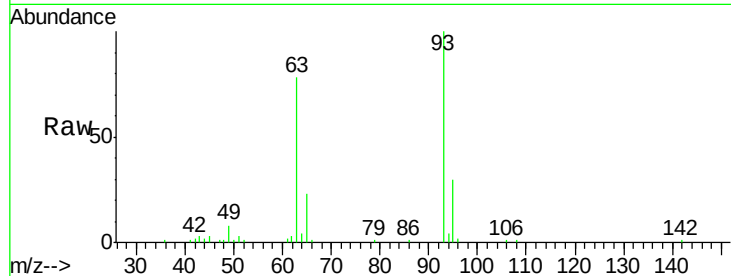
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 93 Resp: 42883

Ion	Ratio	Lower	Upper
93	100		
66	0.8	33.7	50.5#
65	22.5	16.1	24.1



#7

Phenol-d6

Concen: 17.65 ng

RT: 7.31 min Scan# 684

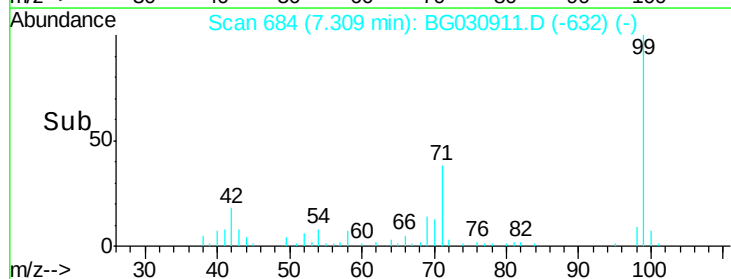
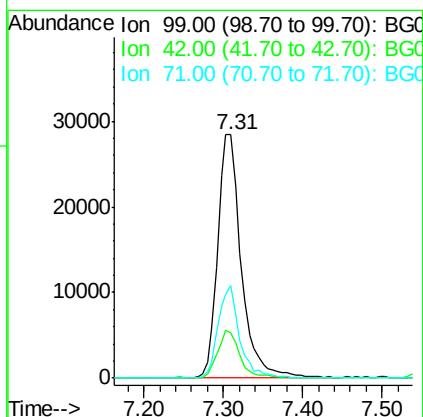
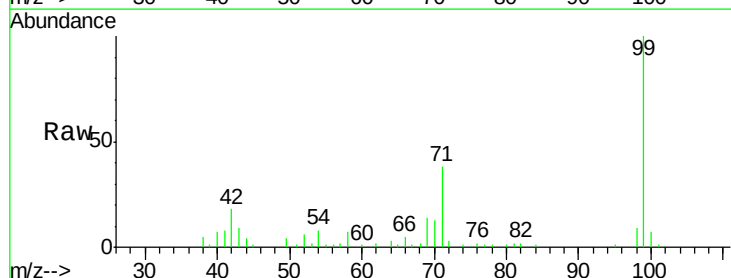
Delta R.T. 0.00 min

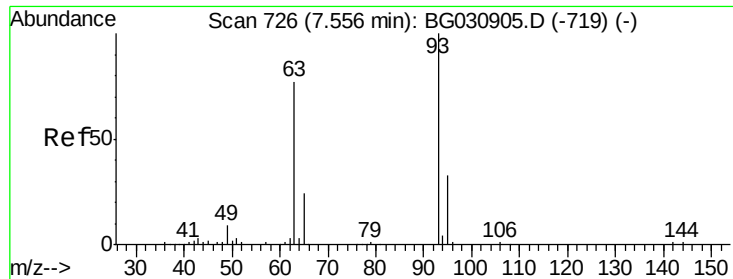
Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Tgt Ion: 99 Resp: 58684

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	38.0	26.1	39.1



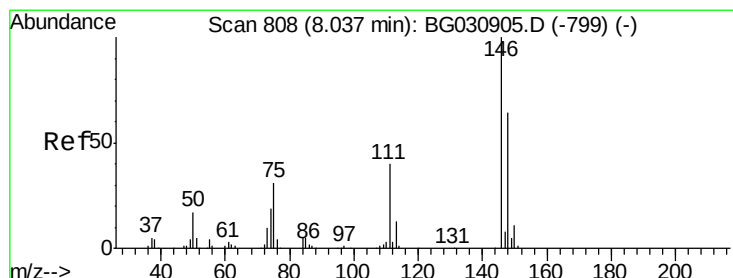
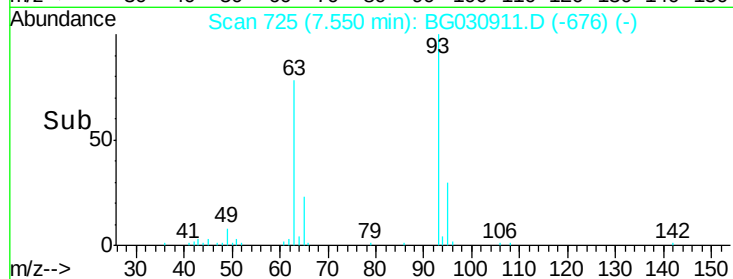
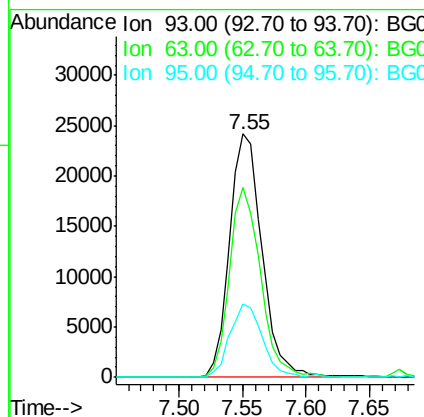
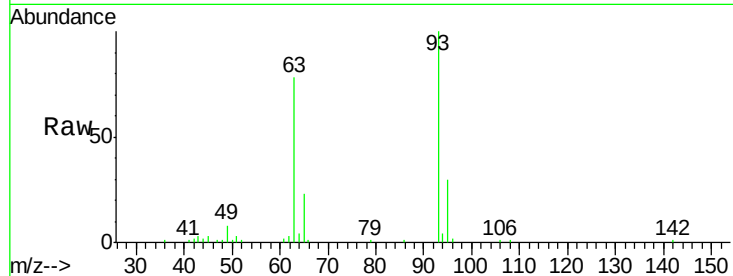


#11
bis(2-Chloroethyl)ether
Concen: 15.55 ng
RT: 7.55 min Scan# 725
Delta R.T. -0.02 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 42883

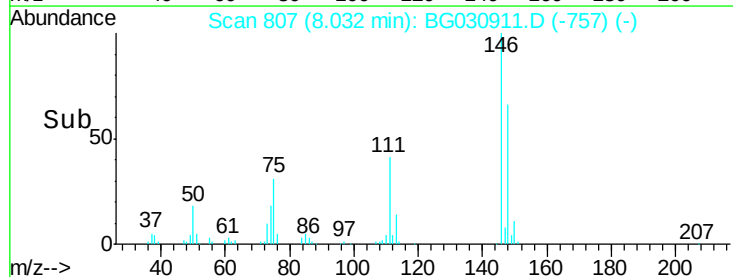
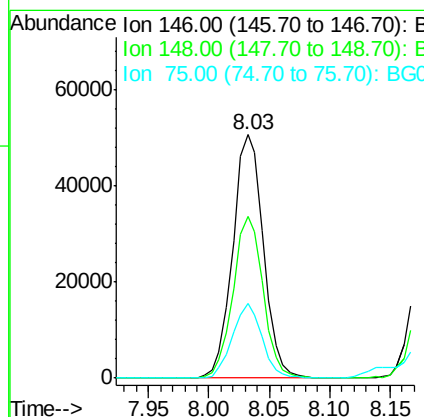
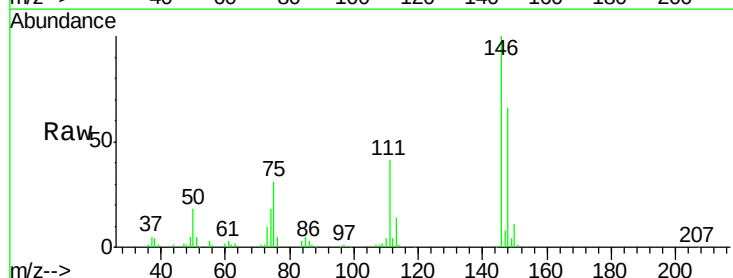
Ion	Ratio	Lower	Upper
93	100		
63	78.1	67.1	107.1
95	30.4	11.5	51.5

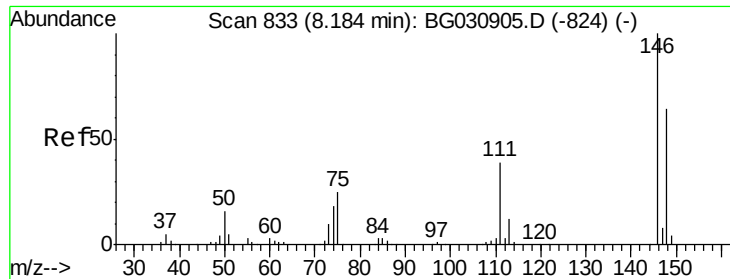


#12
1,3-Dichlorobenzene
Concen: 28.00 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion: 146 Resp: 89503

Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.4	77.2
75	30.6	26.6	39.8

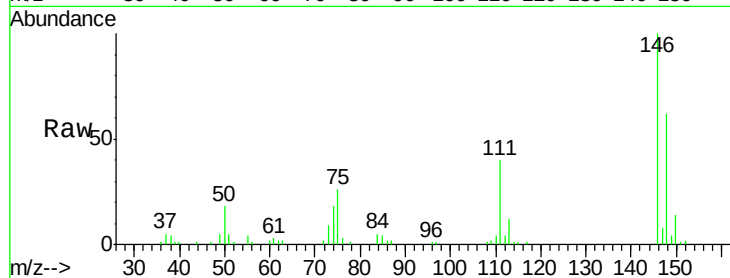




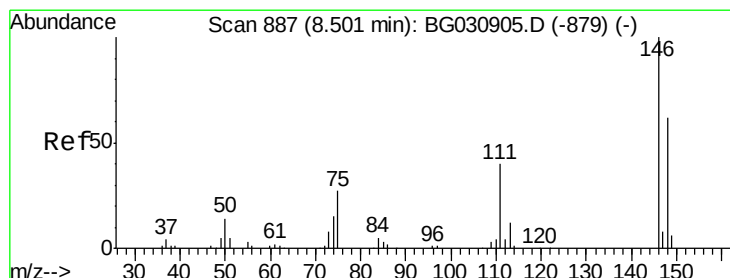
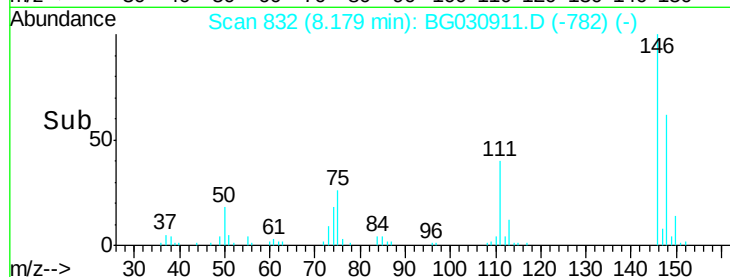
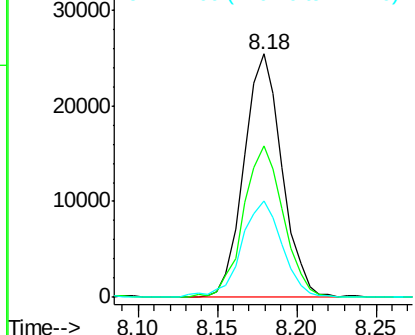
#13
 1,4-Dichlorobenzene
 Concen: 13.03 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 42213
 Ion Ratio Lower Upper
 146 100
 148 62.0 53.7 80.5
 111 39.6 35.2 52.8

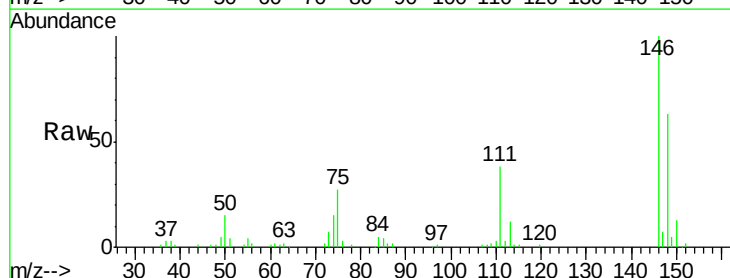


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

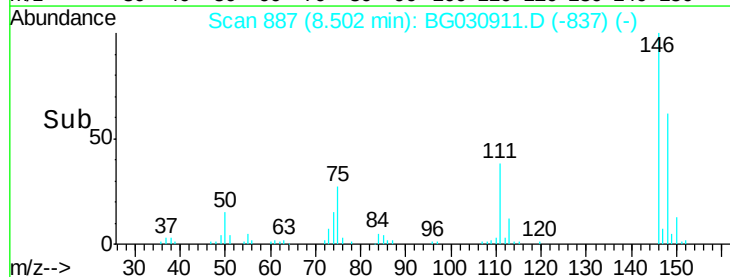
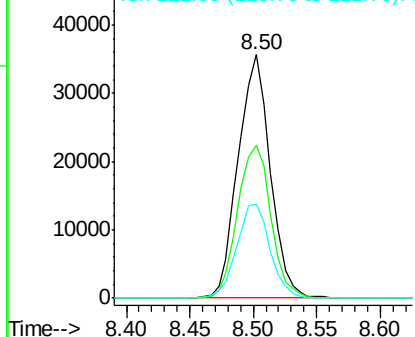


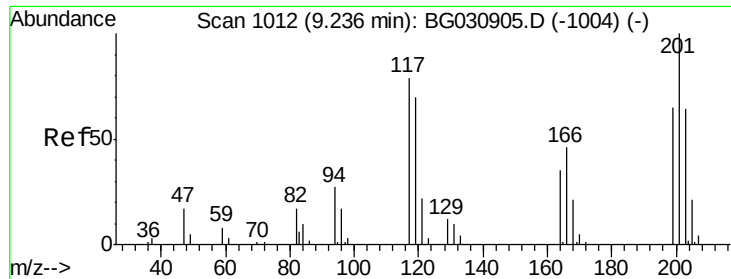
#14
 1,2-Dichlorobenzene
 Concen: 20.12 ng
 RT: 8.50 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

Tgt 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

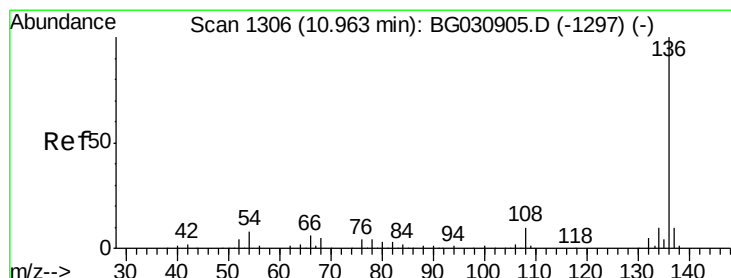
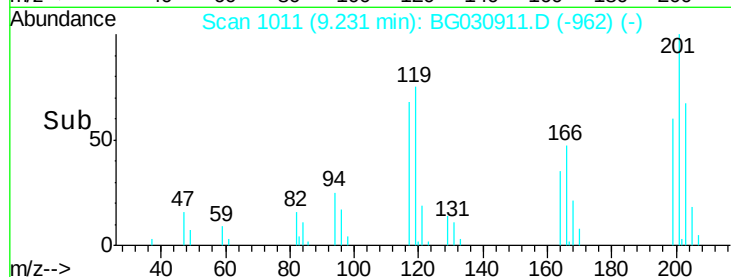
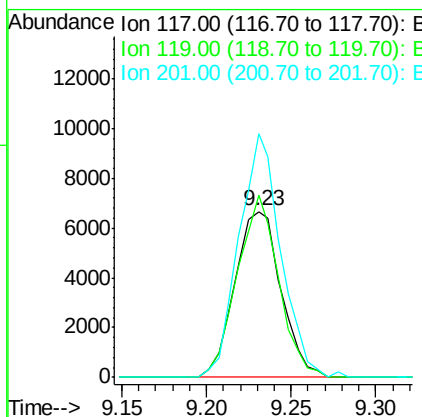
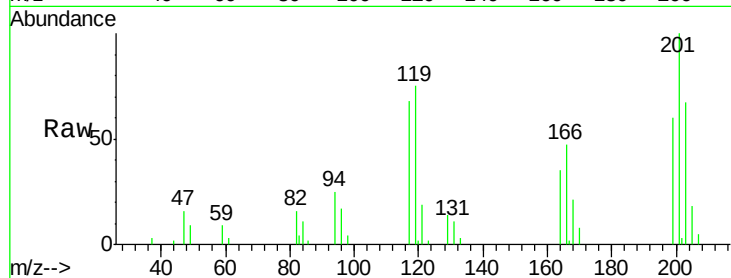




#18
Hexachloroethane
Concen: 11.20 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

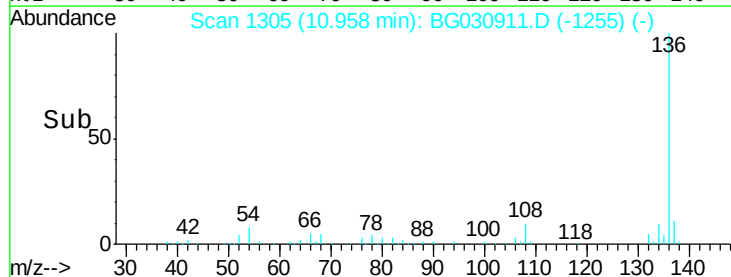
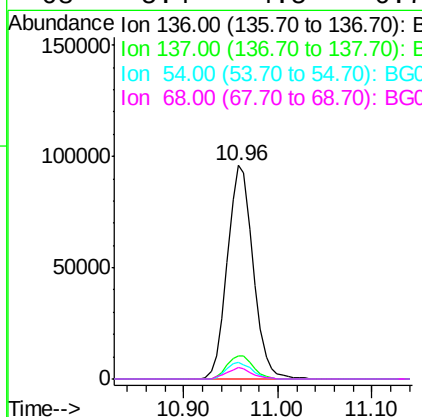
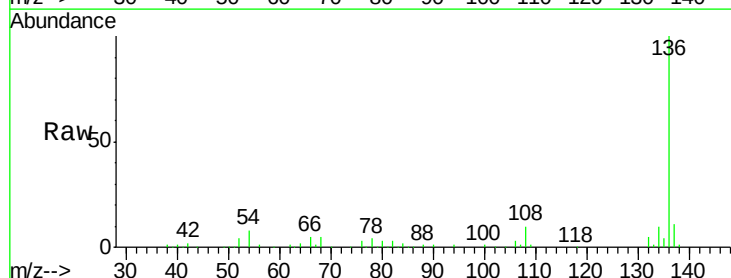
Instrument :
BNA_G
ClientSampleId :

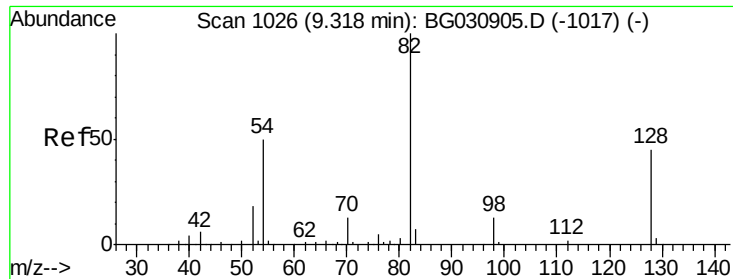
Tot Ion:117 Resp: 12623
Ion Ratio Lower Upper
117 100
119 112.6 76.7 115.1
201 146.8 95.7 143.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt 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

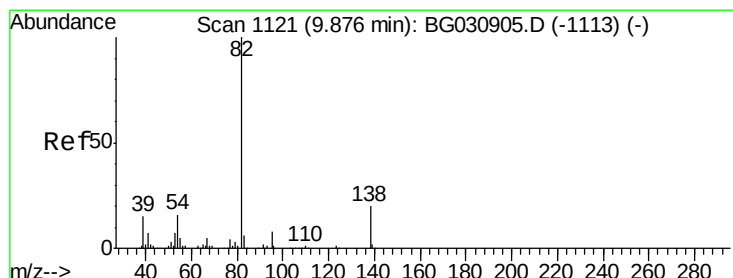
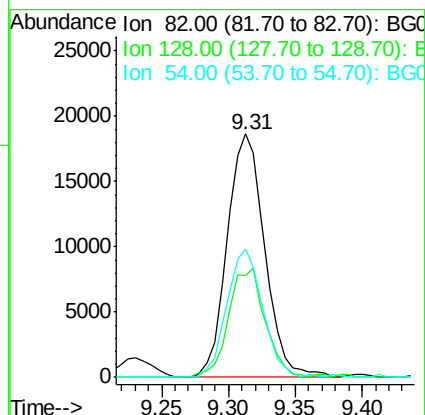
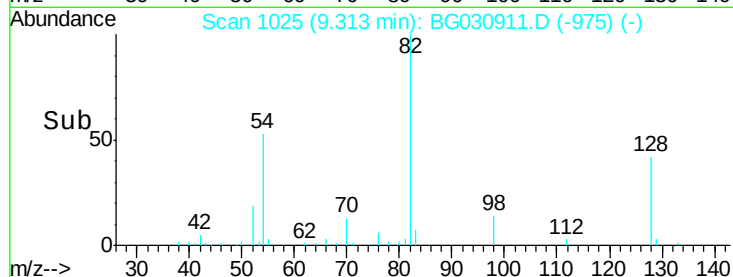
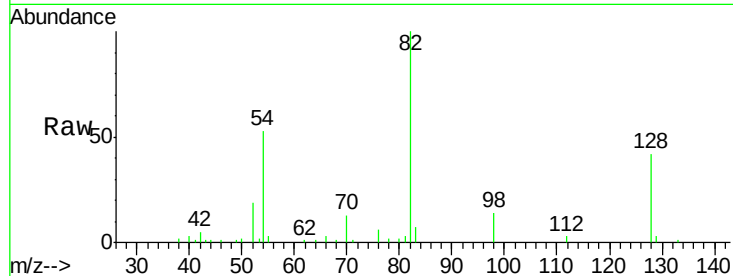




#23
Nitrobenzene-d5
Concen: 11.90 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

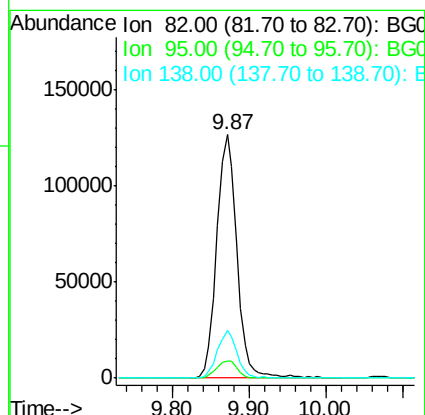
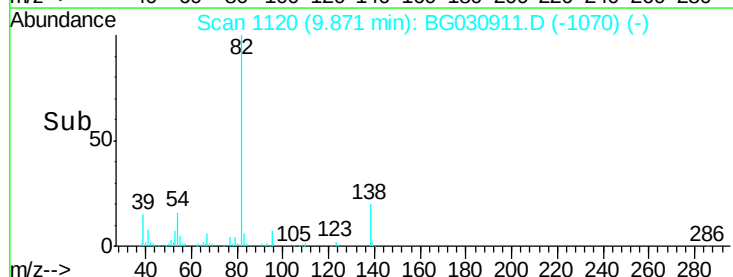
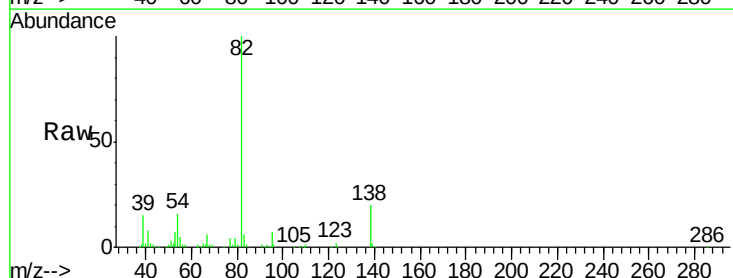
Instrument :
BNA_G
ClientSampleId :

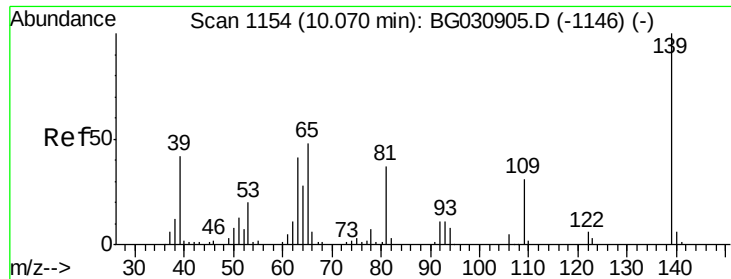
Tot Ion	82	Resp	36572
Ion Ratio	Lower	Upper	
82	100		
128	41.9	29.7	44.5
54	52.8	43.1	64.7



#25
Isophorone
Concen: 38.06 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion	82	Resp	228145
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.2	9.2
138	19.7	12.1	18.1#

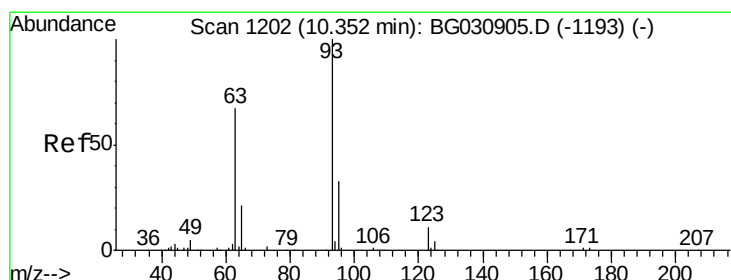
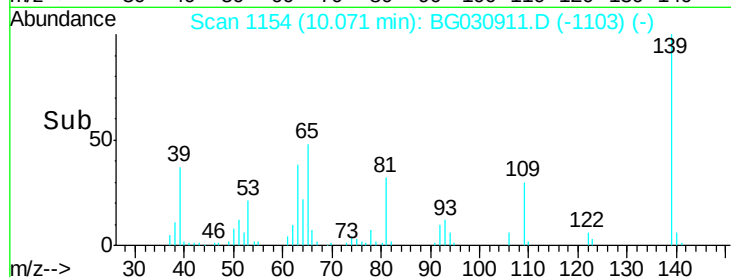
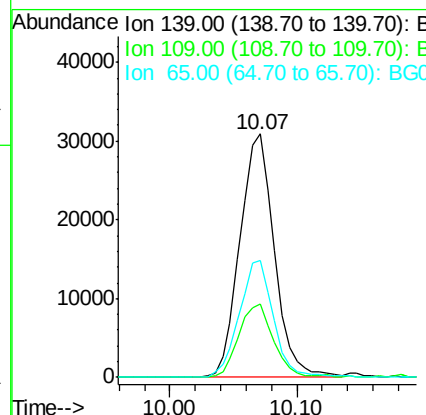
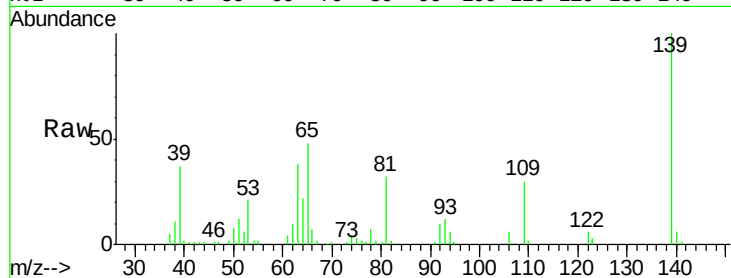




#26
2-Nitrophenol
Concen: 35.63 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

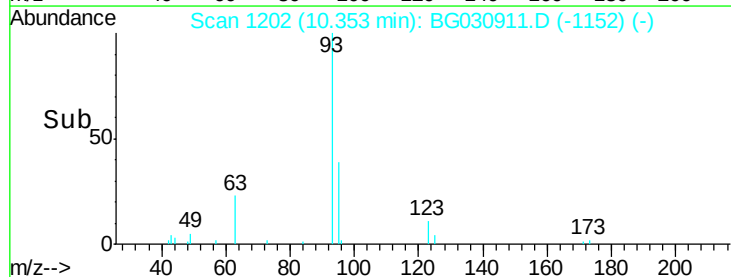
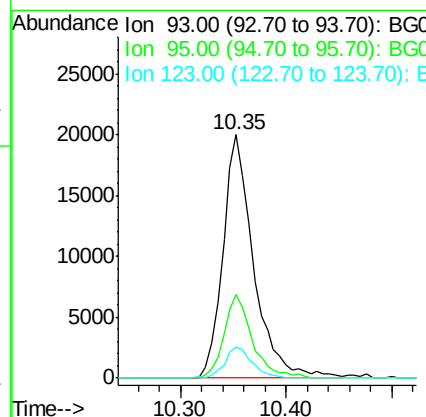
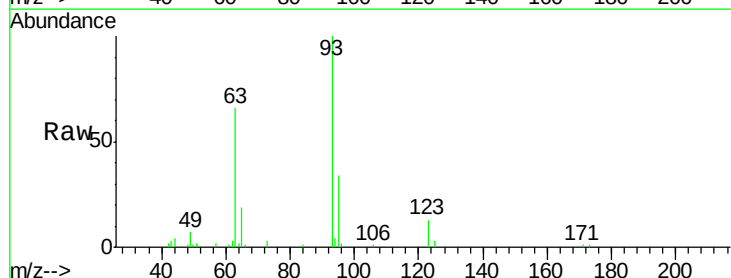
Instrument :
BNA_G
ClientSampleId :

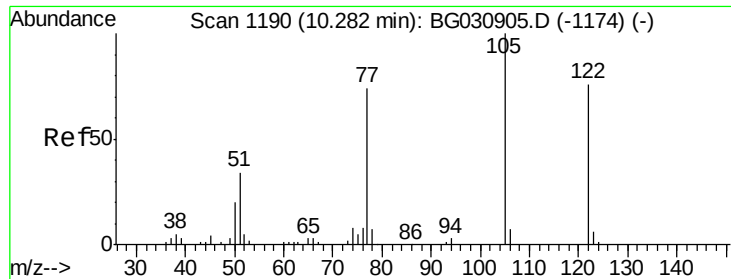
Tot Ion:139 Resp: 58317
Ion Ratio Lower Upper
139 100
109 30.2 24.2 36.2
65 48.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 10.68 ng
RT: 10.35 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

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





#32

Benzoic acid

Concen: 7.17 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.20 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleId :

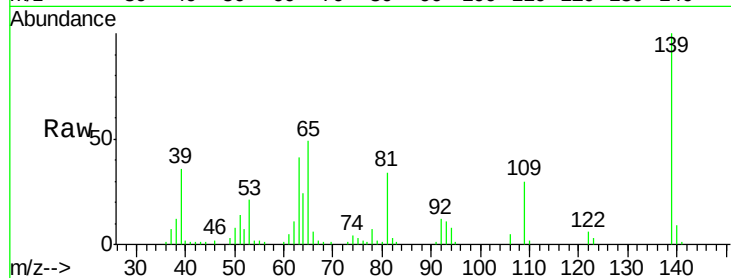
Tot Ion:122 Resp: 3455

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

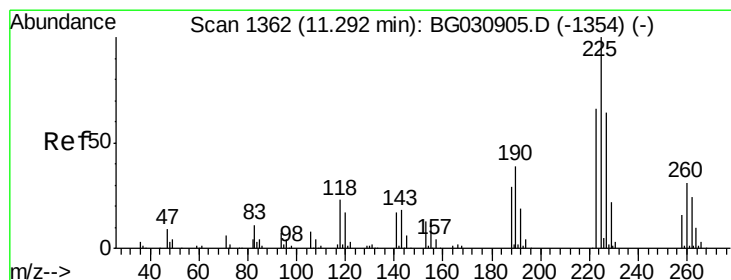
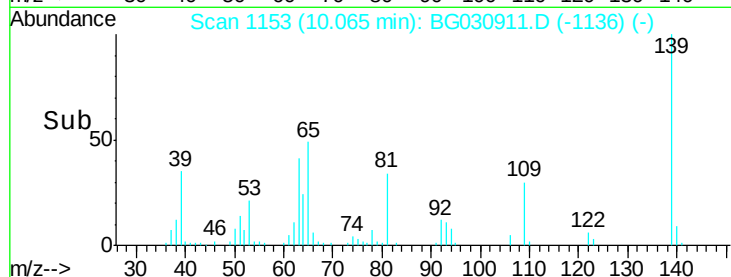
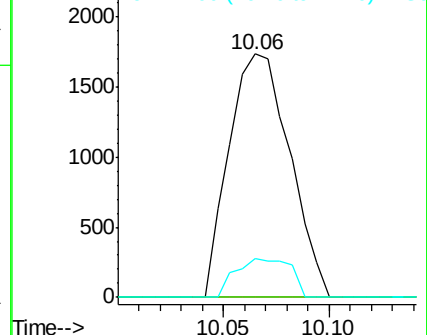
77 16.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E



#34

Hexachlorobutadiene

Concen: 20.49 ng

RT: 11.29 min Scan# 1361

Delta R.T. -0.02 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

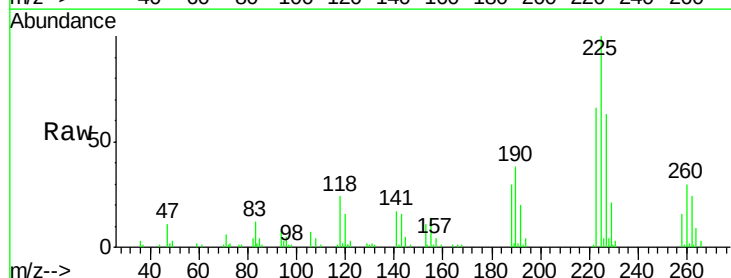
Tgt Ion:225 Resp: 49511

Ion Ratio Lower Upper

225 100

223 66.1 49.7 74.5

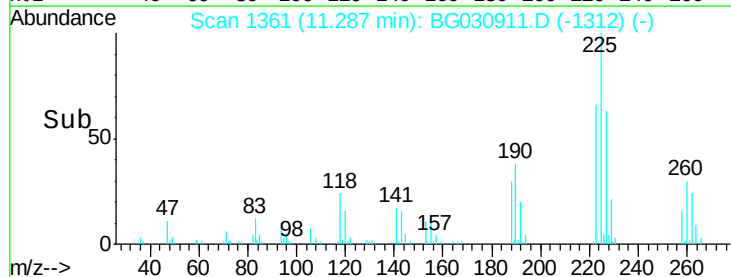
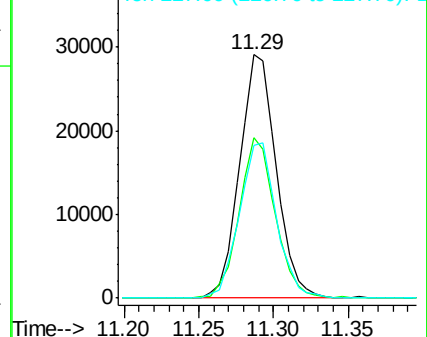
227 62.6 48.1 72.1

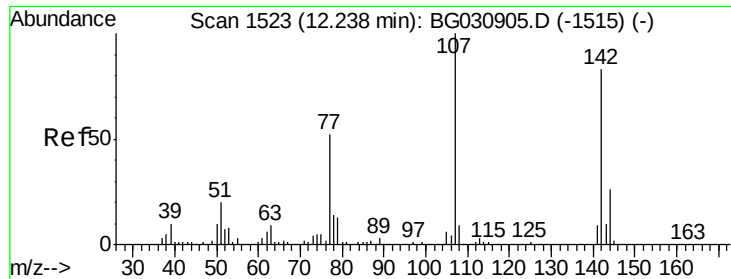


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

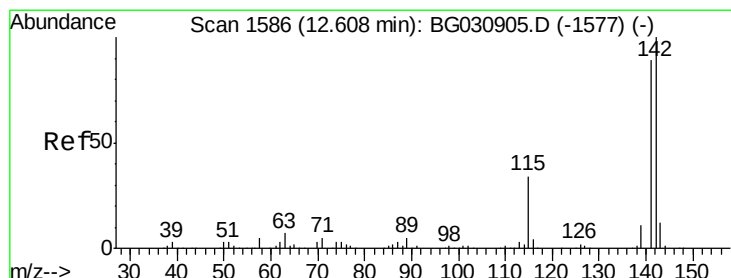
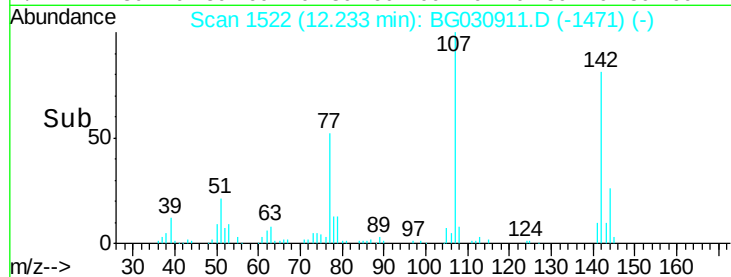
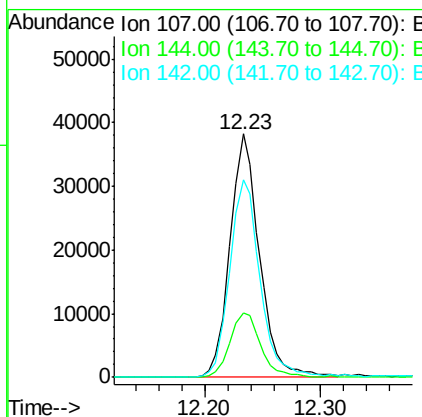
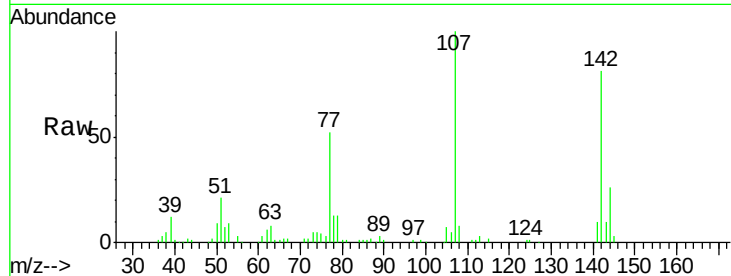




#36
 4-Chloro-3-methylphenol
 Concen: 21.32 ng
 RT: 12.23 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

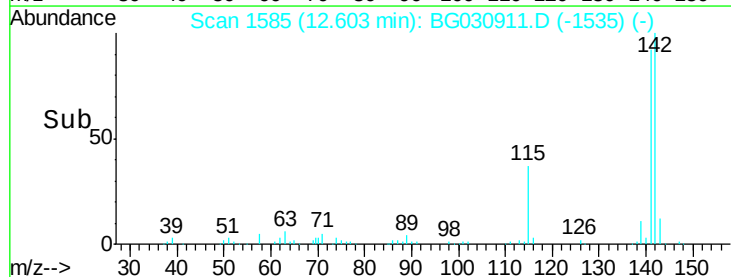
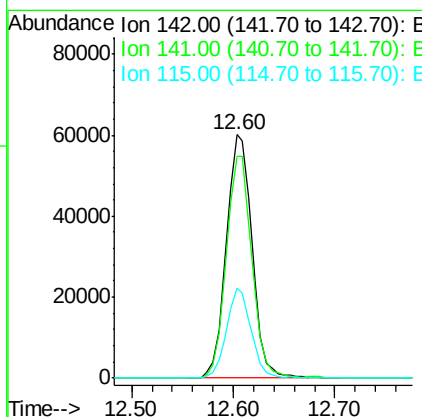
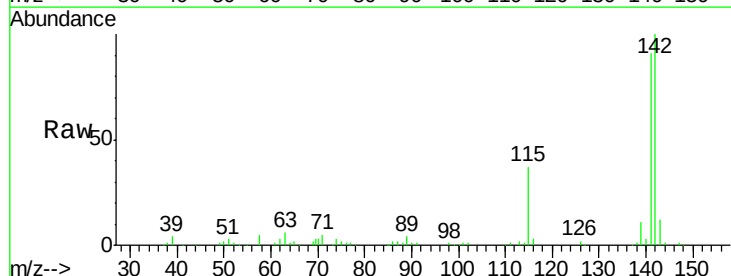
Instrument :
 BNA_G
 ClientSampleId :

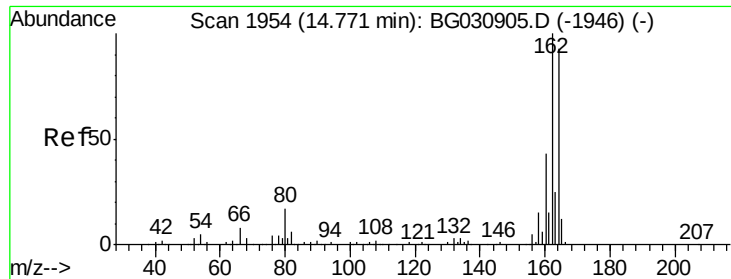
Tot Ion:107 Resp: 67708
 Ion Ratio Lower Upper
 107 100
 144 26.2 18.2 27.4
 142 81.0 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 15.30 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: 20.00 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 :

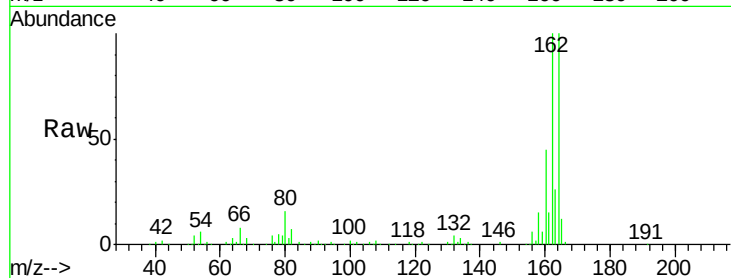
Tot Ion:164 Resp: 129189

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

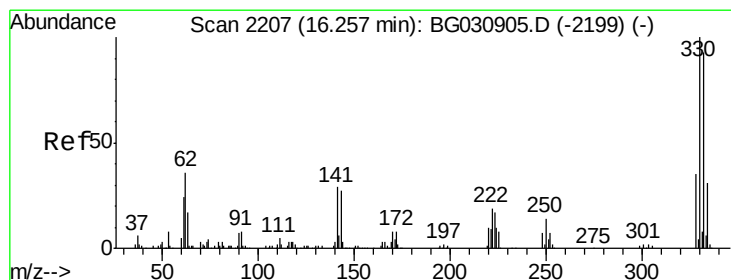
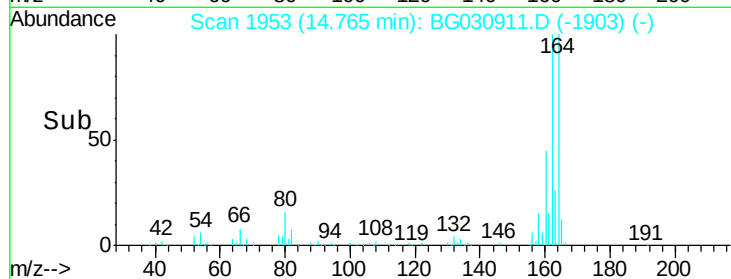
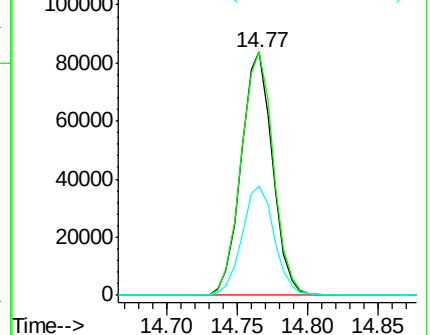
160 45.0 35.4 53.0



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: 18.23 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

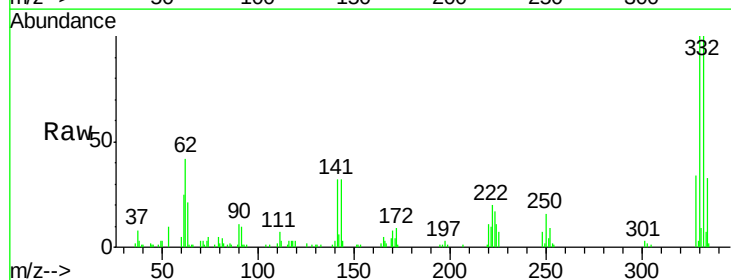
Tgt Ion:330 Resp: 38097

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

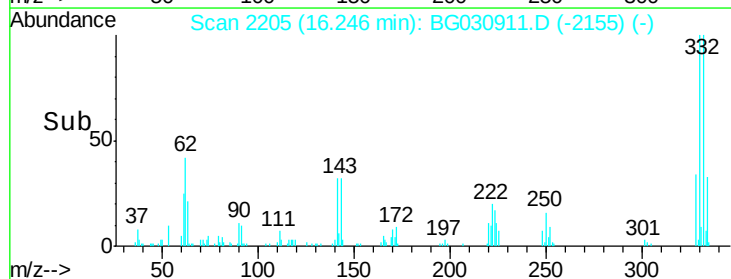
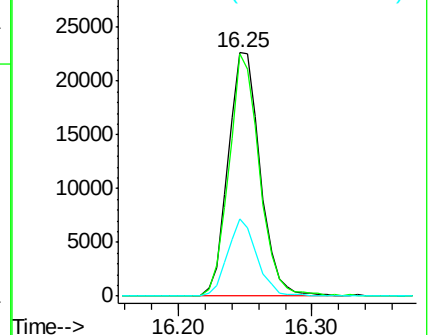
141 29.3 25.2 37.8

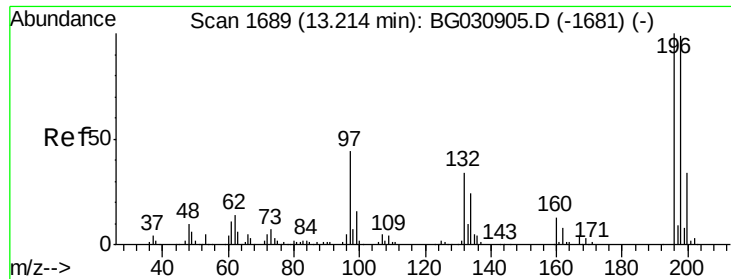


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

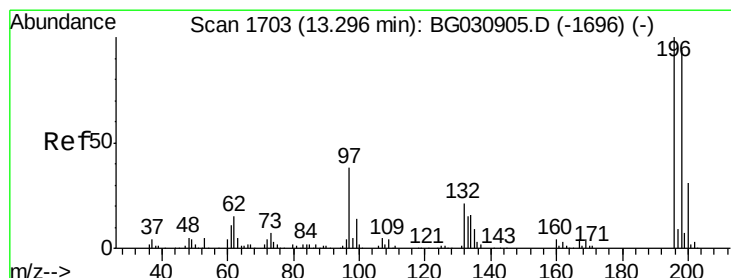
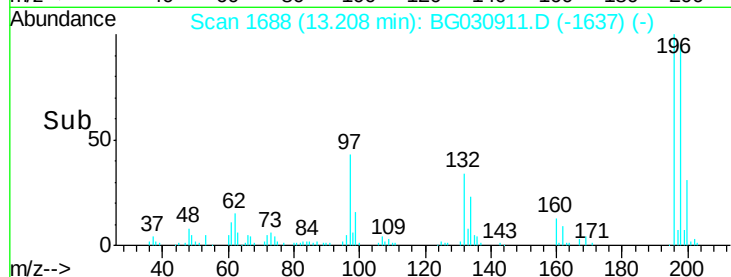
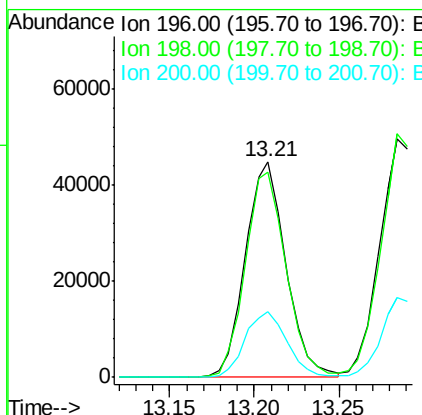
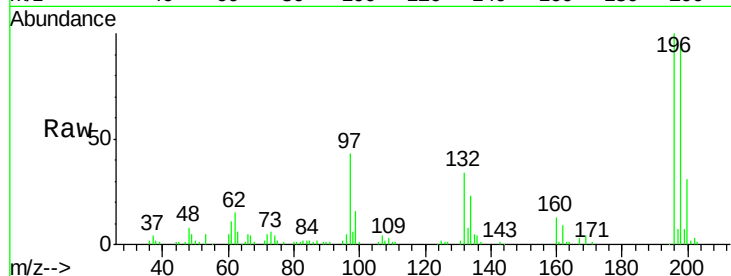




#42
 2,4,6-Trichlorophenol
 Concen: 25.52 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

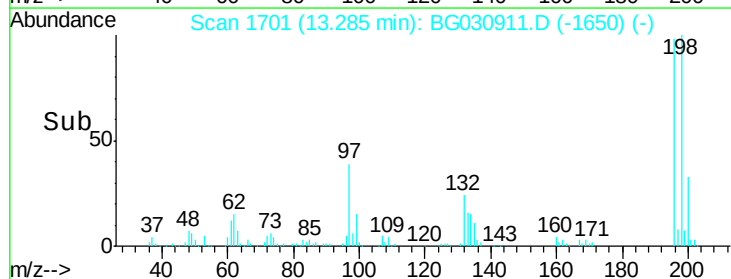
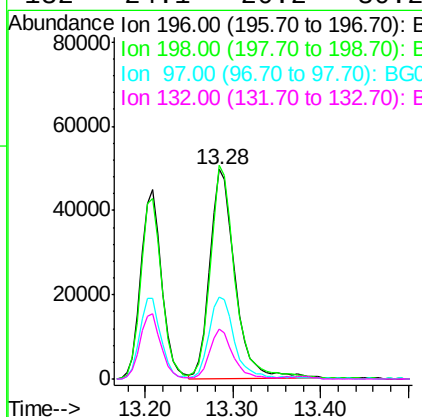
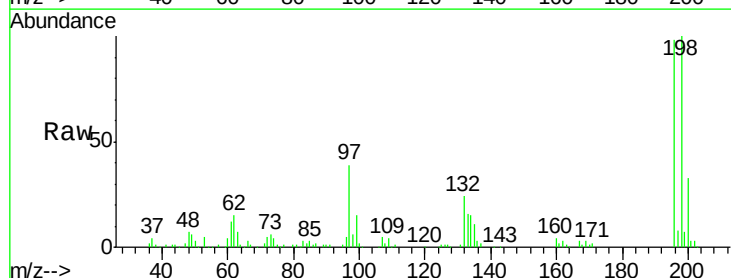
Instrument :
 BNA_G
 ClientSampleId :

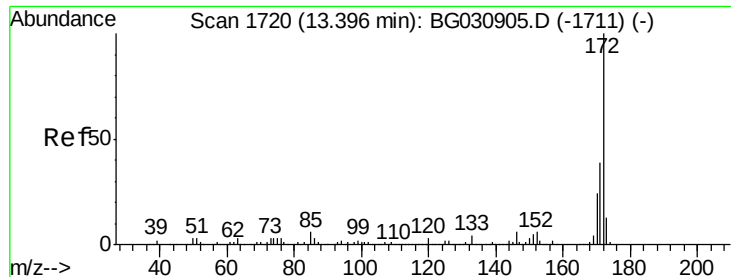
Tot Ion:196 Resp: 74818
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.2 117.2
 200 30.5 24.6 36.8



#43
 2,4,5-Trichlorophenol
 Concen: 31.14 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

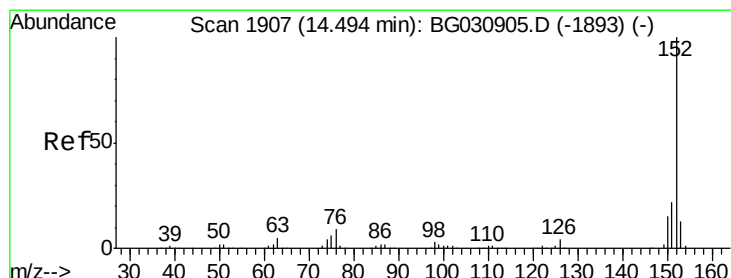
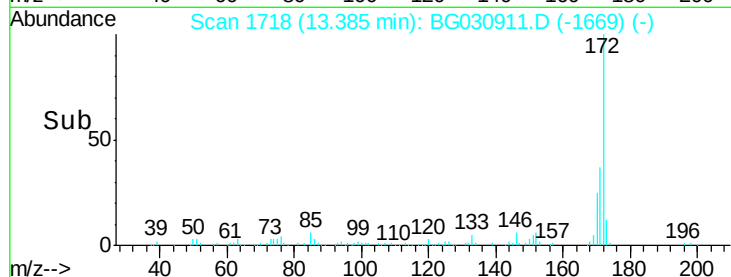
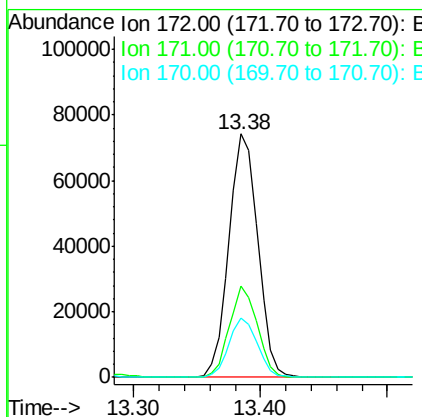
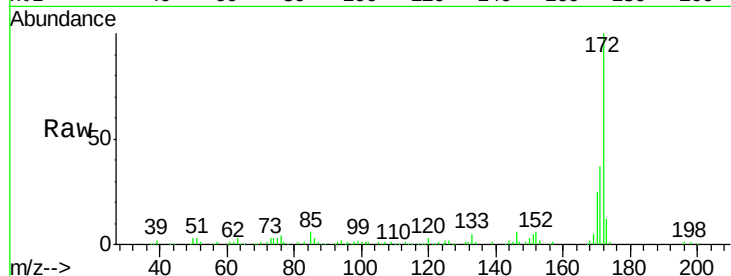




#44
2-Fluorobiphenyl
Concen: 12.97 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

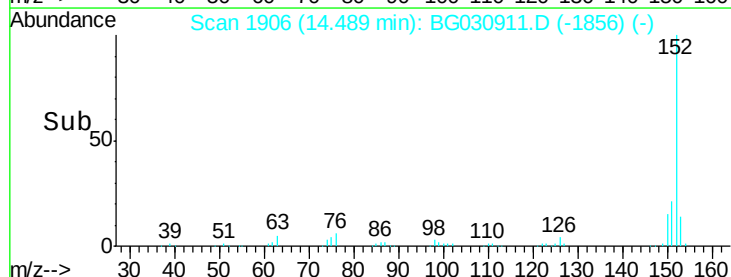
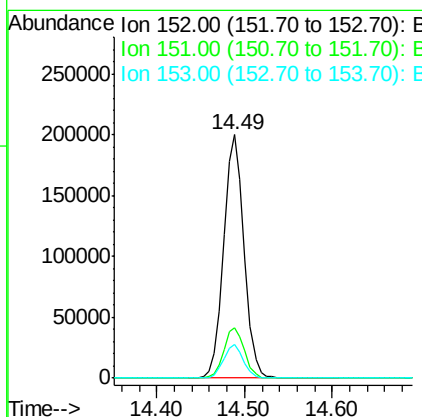
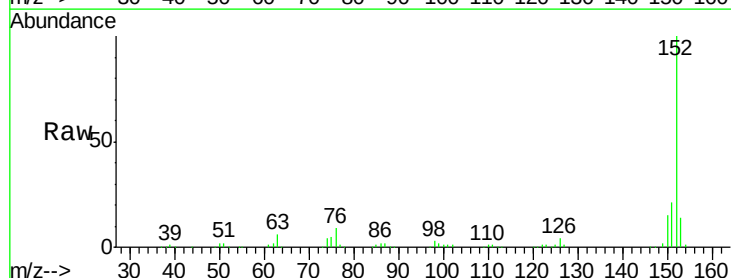
Instrument :
BNA_G
ClientSampleId :

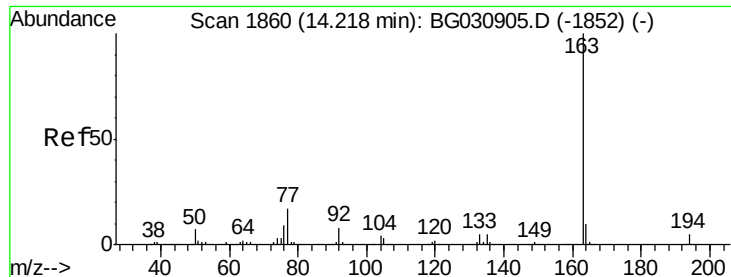
Tot Ion:172 Resp: 116649
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 24.6 19.5 29.3



#48
Acenaphthylene
Concen: 25.29 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: 17.74 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 :

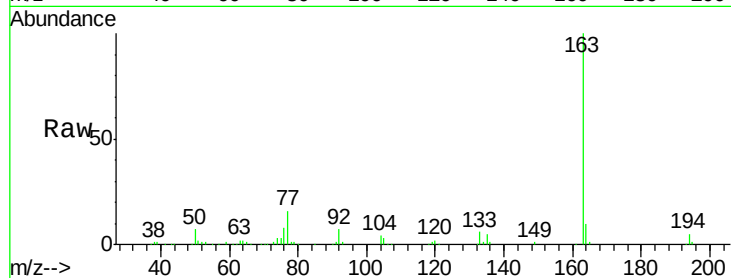
Tot Ion:163 Resp: 198148

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

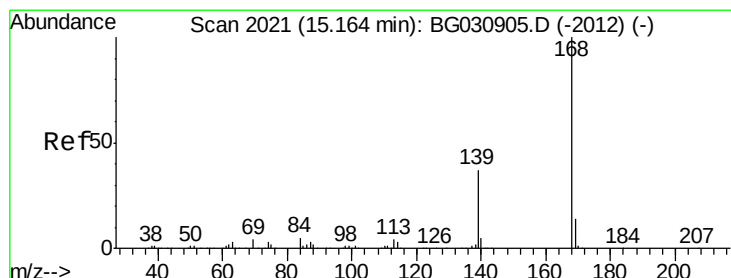
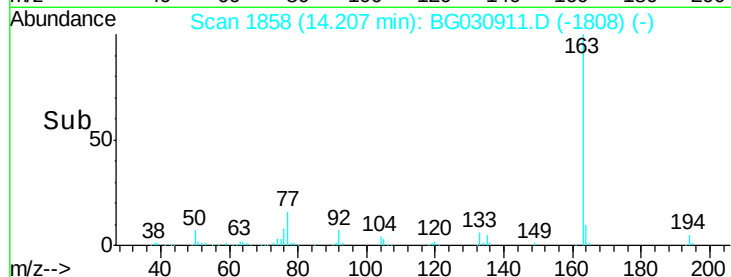
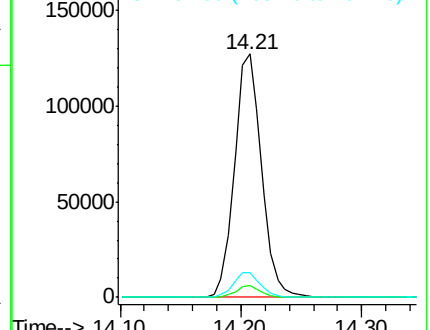
164 10.1 8.2 12.4



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: 20.67 ng

RT: 15.16 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

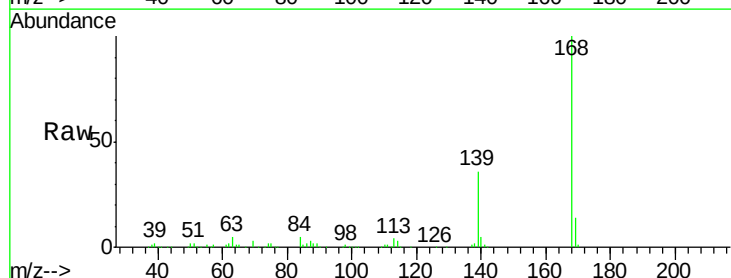
Tgt Ion:168 Resp: 260120

Ion Ratio Lower Upper

168 100

139 36.1 28.6 43.0

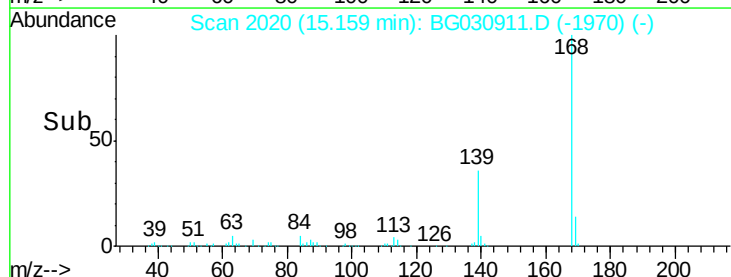
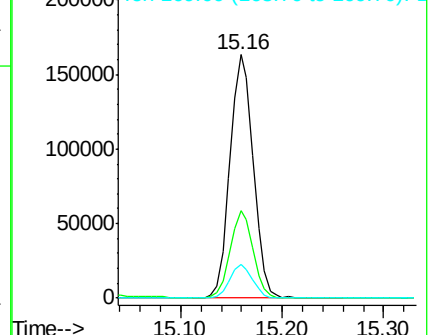
169 13.8 11.2 16.8

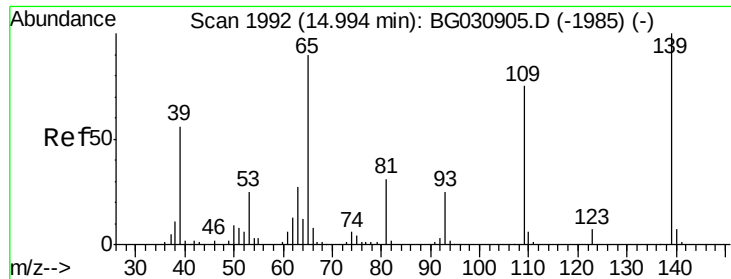


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

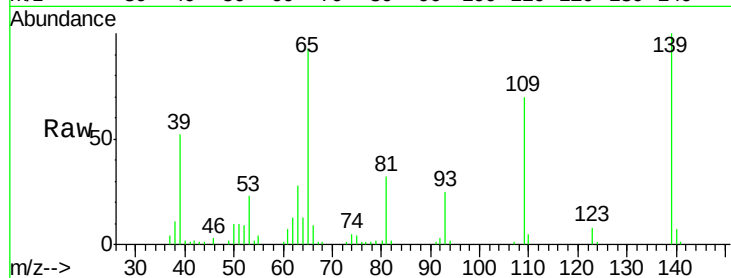




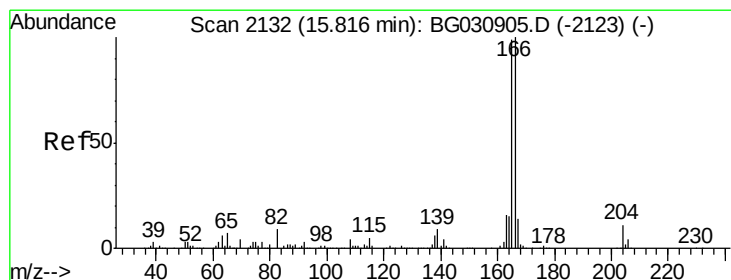
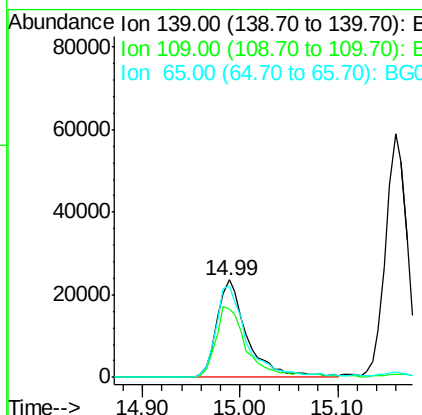
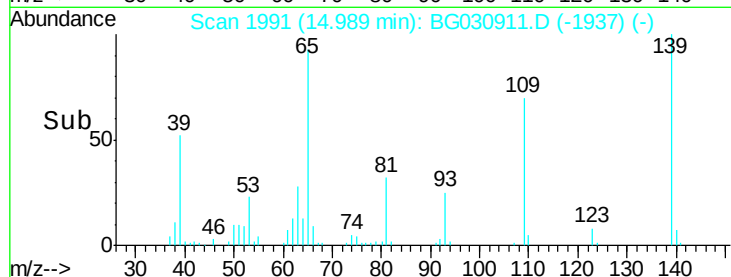
#55
4-Nitrophenol
Concen: 29.46 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Instrument :
BNA_G
ClientSampleId :

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#

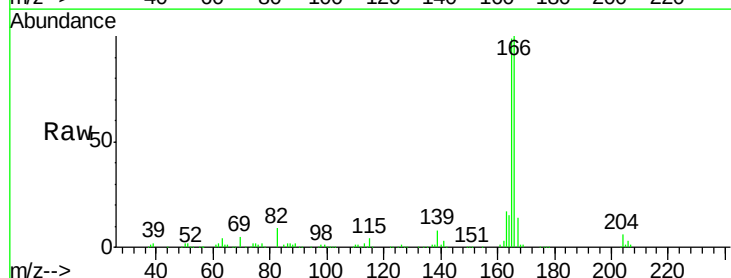


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

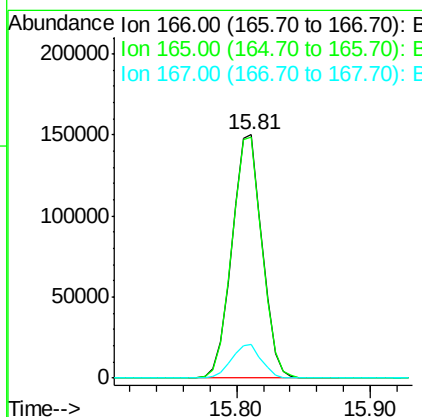
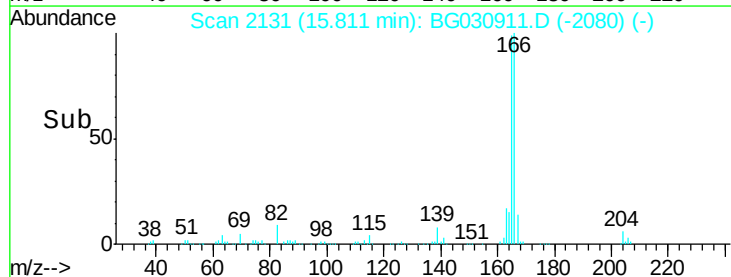


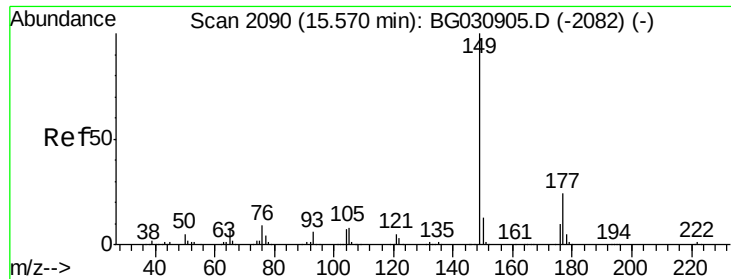
#57
Fluorene
Concen: 22.98 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

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



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

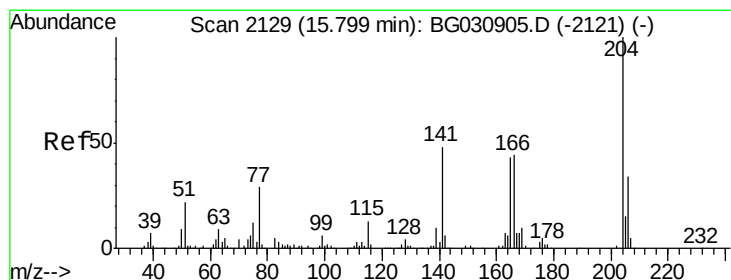
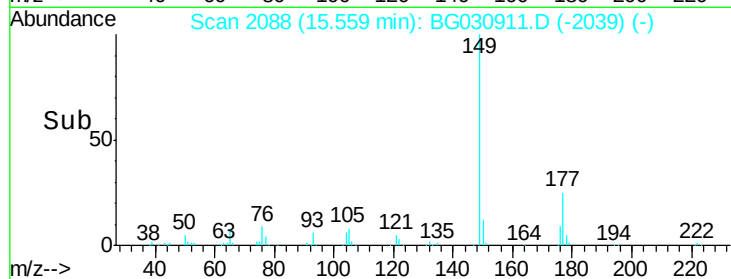
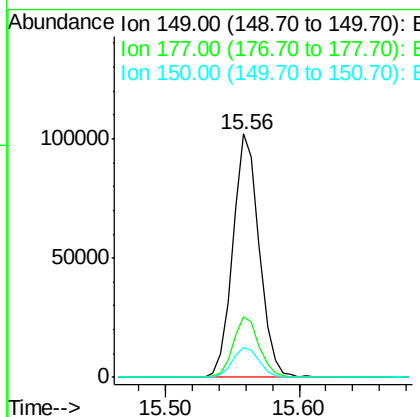
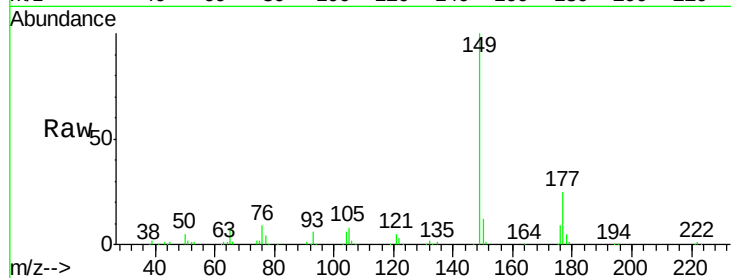




#59
Diethylphthalate
Concen: 12.35 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

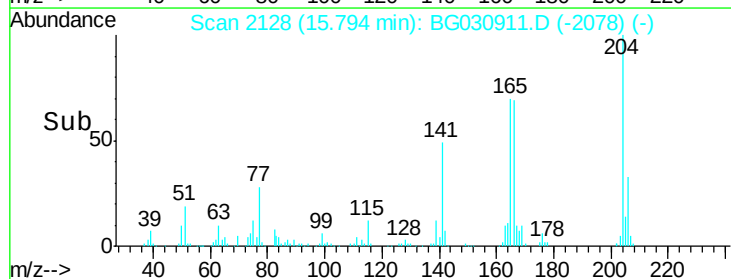
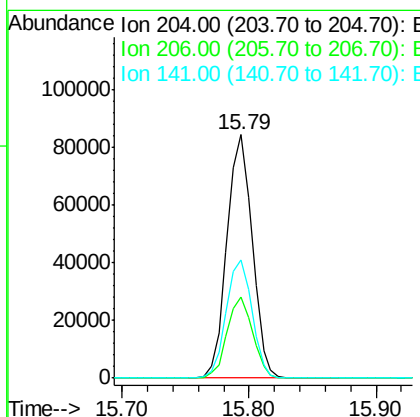
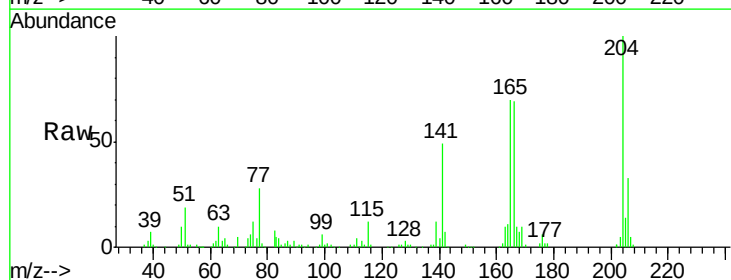
Instrument :
BNA_G
ClientSampled :

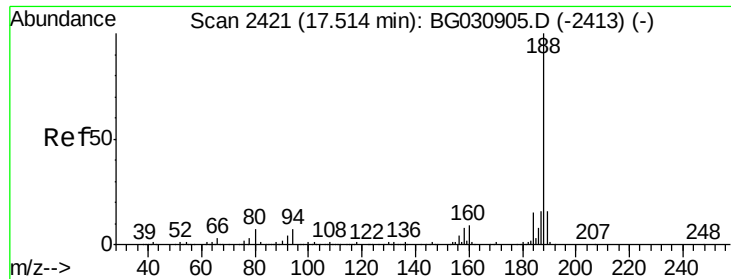
Tot Ion:149 Resp: 140082
Ion Ratio Lower Upper
149 100
177 24.8 18.5 27.7
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 18.85 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: 20.00 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 :

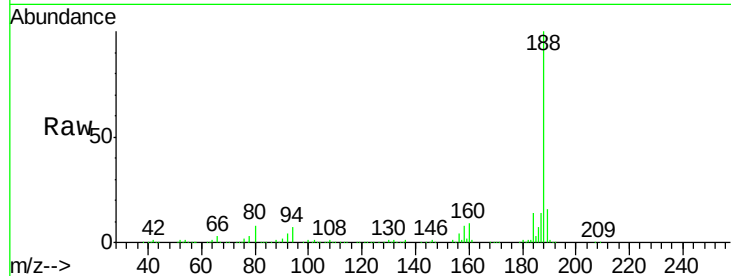
Tot Ion:188 Resp: 345475

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

80 7.6 7.7 11.5#

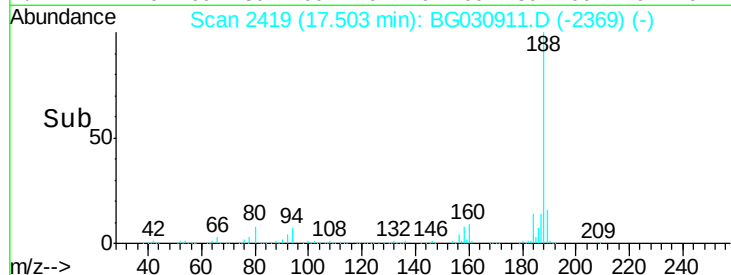


Abundance Ion 188.00 (187.70 to 188.70): E

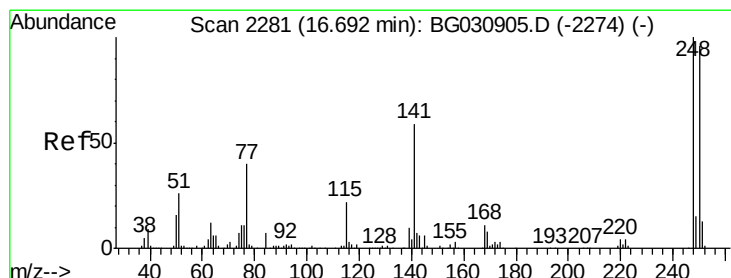
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.40 17.50 17.60



Time--> 17.40 17.50 17.60



#66

4-Bromophenyl-phenylether

Concen: 14.10 ng

RT: 16.69 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

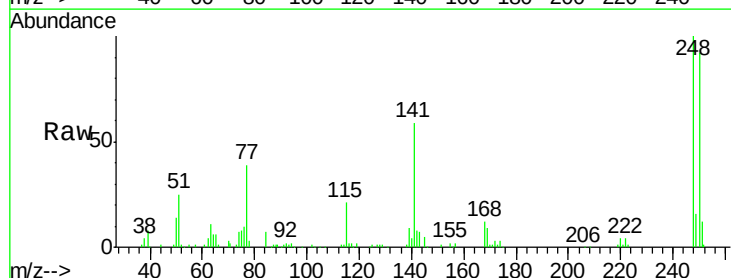
Tgt Ion:248 Resp: 61701

Ion Ratio Lower Upper

248 100

250 92.3 77.1 115.7

141 58.7 50.8 76.2

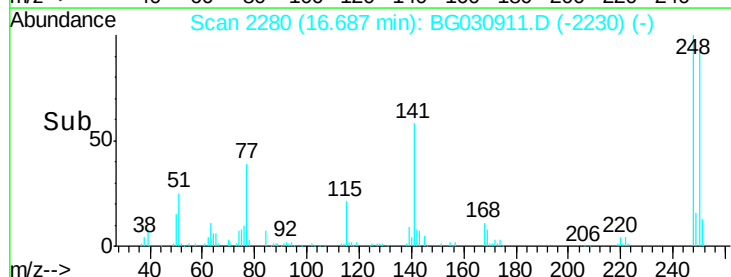


Abundance Ion 248.00 (247.70 to 248.70): E

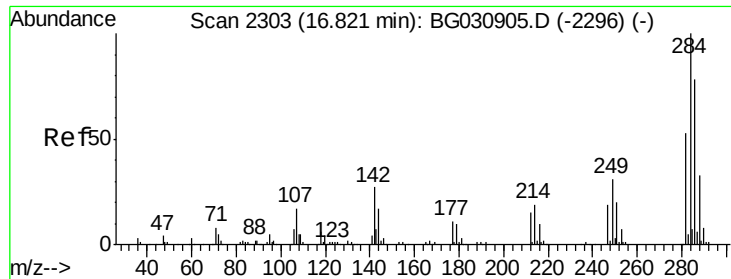
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time--> 16.60 16.65 16.70 16.75



Time--> 16.60 16.65 16.70 16.75



#67

Hexachlorobenzene

Concen: 20.75 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 :

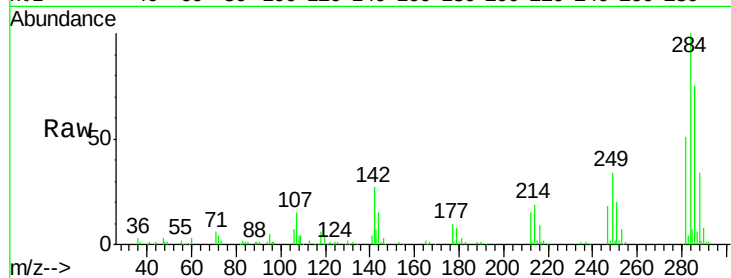
Tot Ion:284 Resp: 96480

Ion Ratio Lower Upper

284 100

142 27.0 26.8 40.2

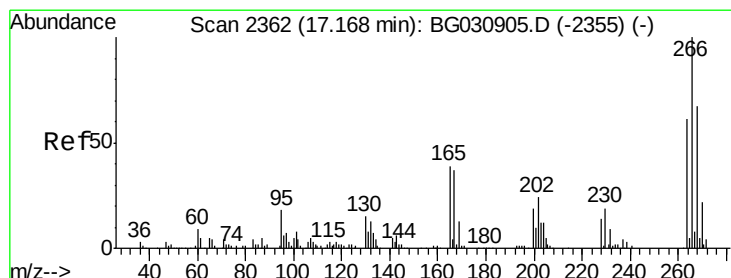
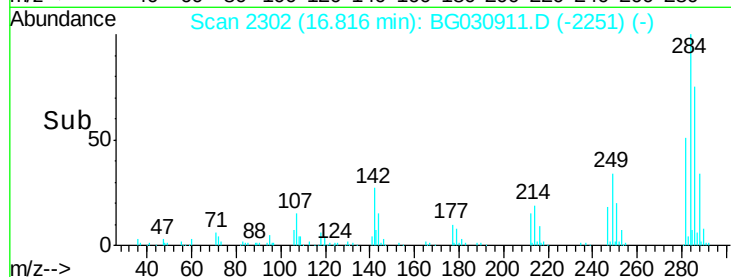
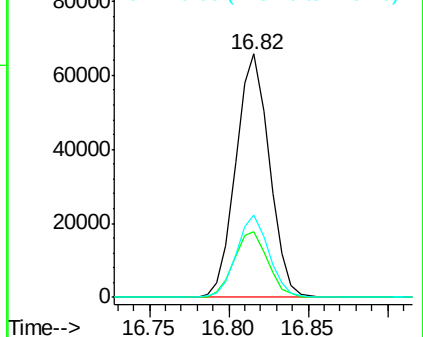
249 33.6 26.3 39.5



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: 19.75 ng

RT: 17.16 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

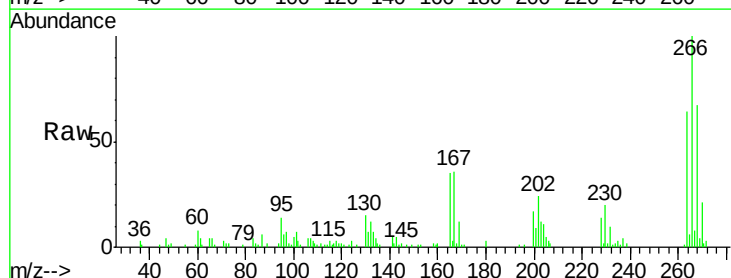
Tgt Ion:266 Resp: 50760

Ion Ratio Lower Upper

266 100

268 66.8 51.1 76.7

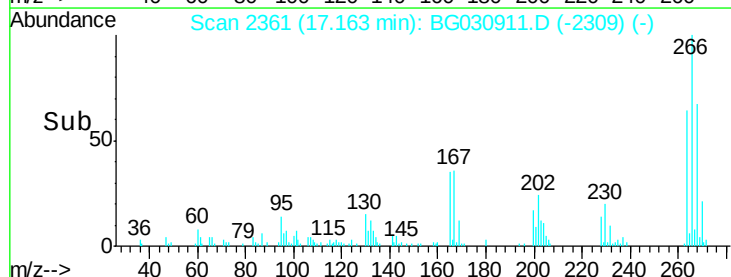
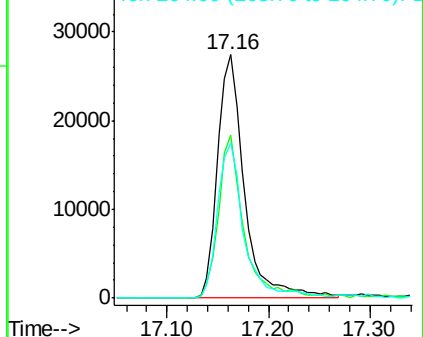
264 64.0 49.6 74.4

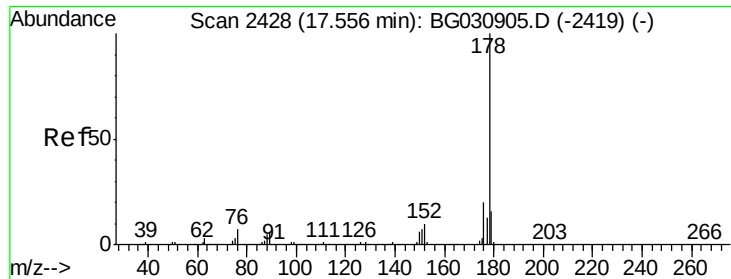


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 9.01 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

ClientSampled :

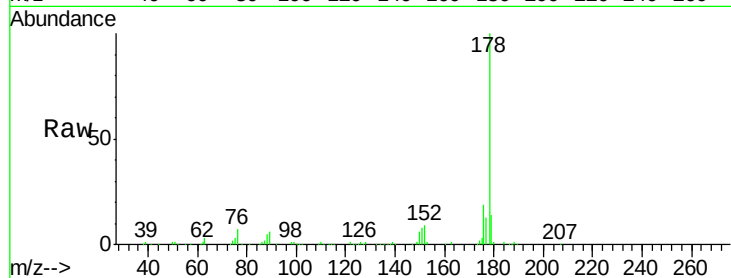
Tot Ion:178 Resp: 162042

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

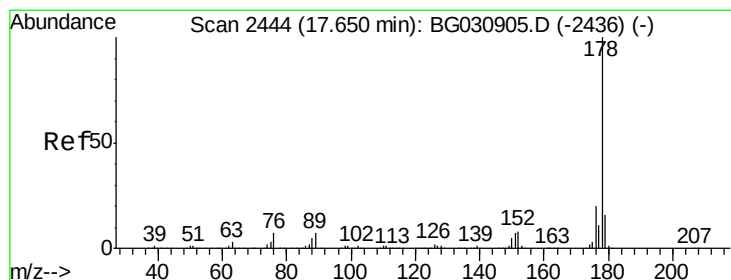
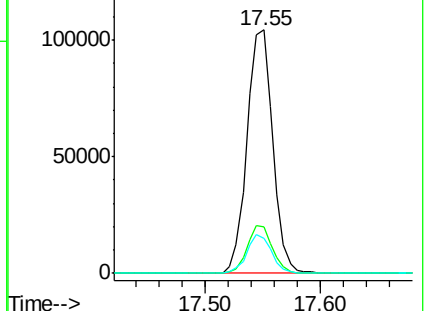
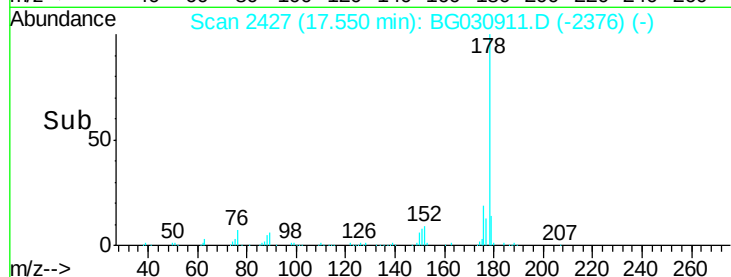
179 14.5 12.5 18.7



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



#71

Anthracene

Concen: 8.99 ng

RT: 17.55 min Scan# 2427

Delta R.T. -0.09 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

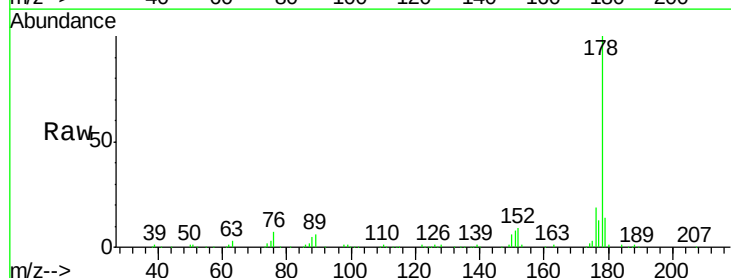
Tgt Ion:178 Resp: 162042

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

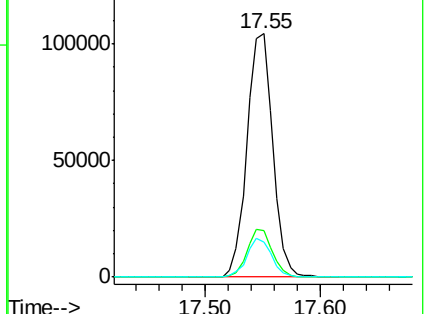
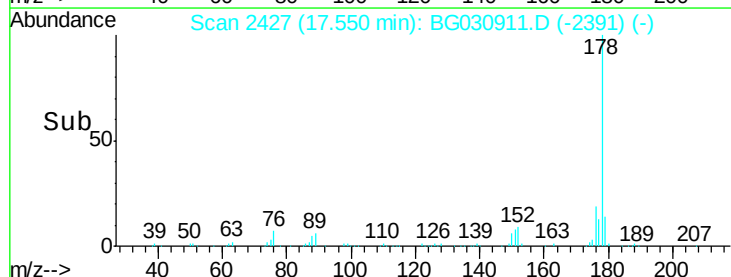
179 14.5 12.5 18.7

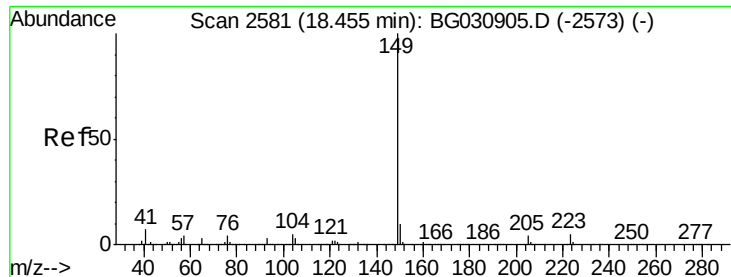


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 22.48 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleId :

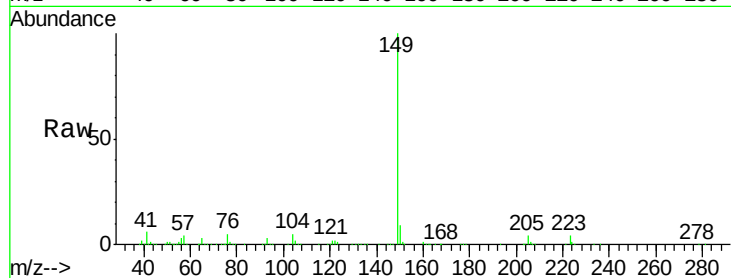
Tot Ion:149 Resp: 466224

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

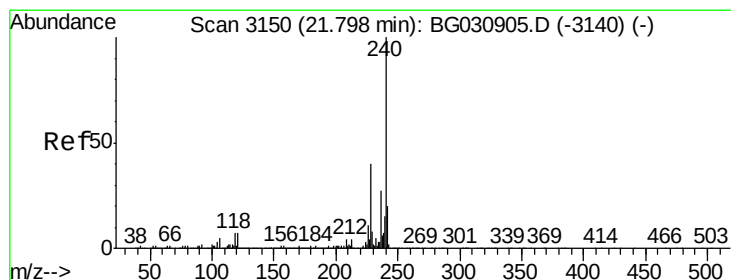
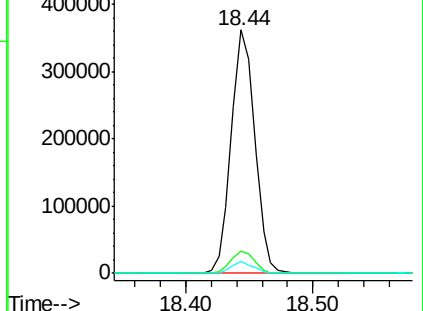
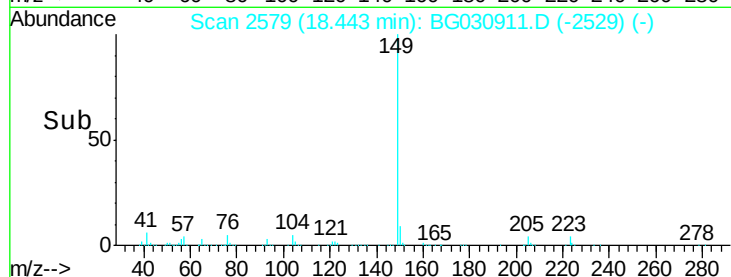
104 4.7 3.9 5.9



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: 20.00 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

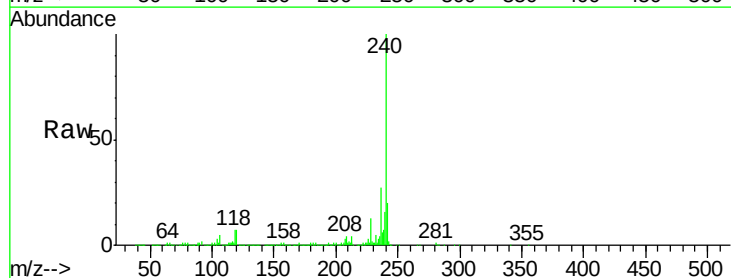
Tgt Ion:240 Resp: 415529

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

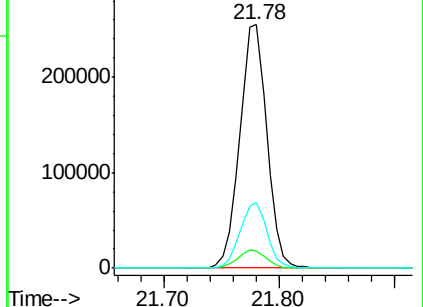
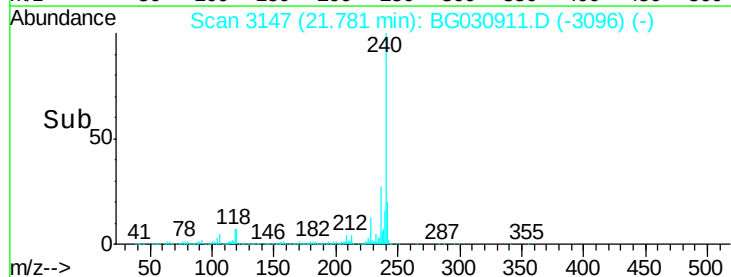
236 26.8 20.9 31.3

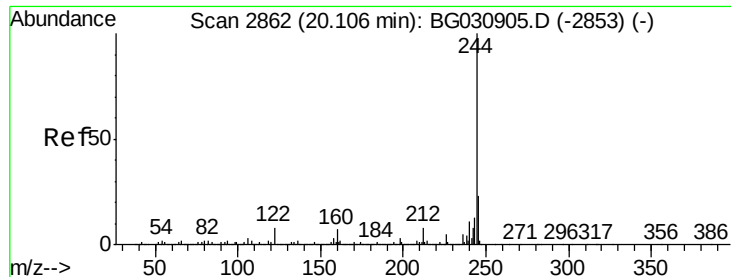


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 12.97 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampled :

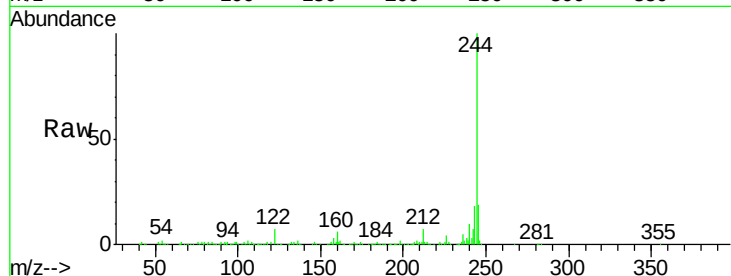
Tot Ion:244 Resp: 244041

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

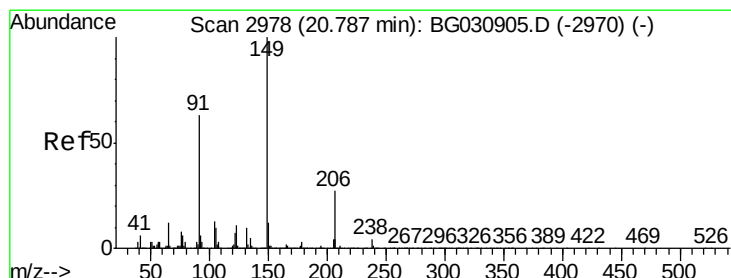
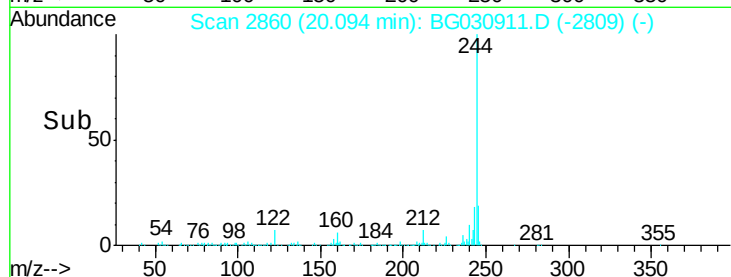
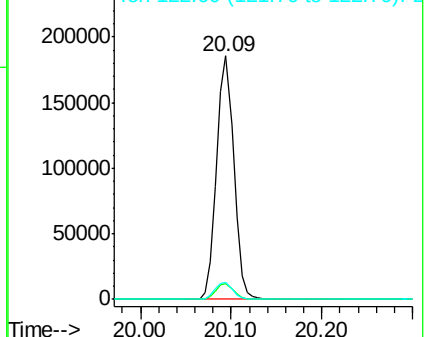
122 7.1 7.0 10.4



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: 37.12 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

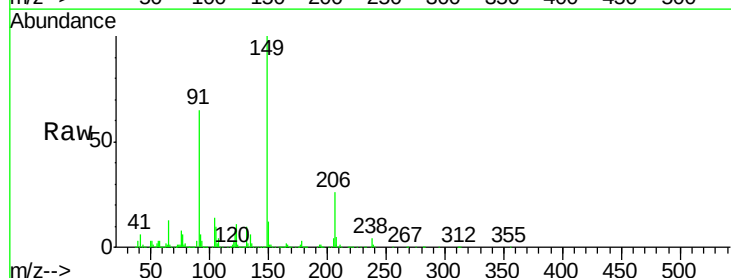
Tgt Ion:149 Resp: 364975

Ion Ratio Lower Upper

149 100

91 64.7 62.2 93.2

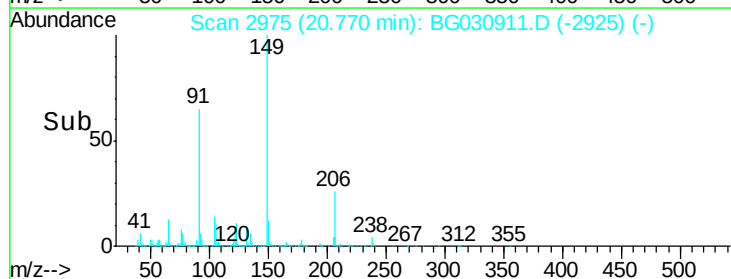
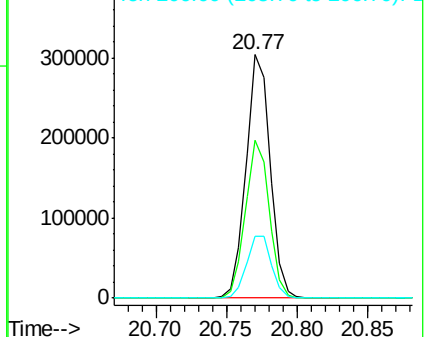
206 25.6 18.6 27.8

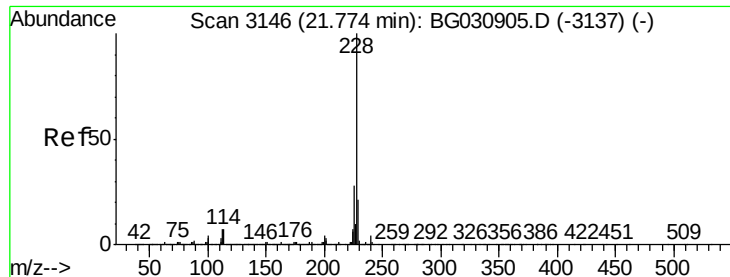


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

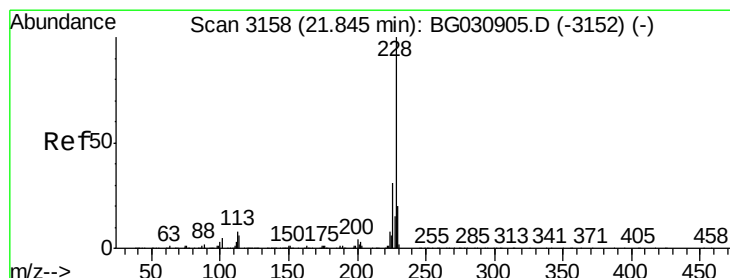
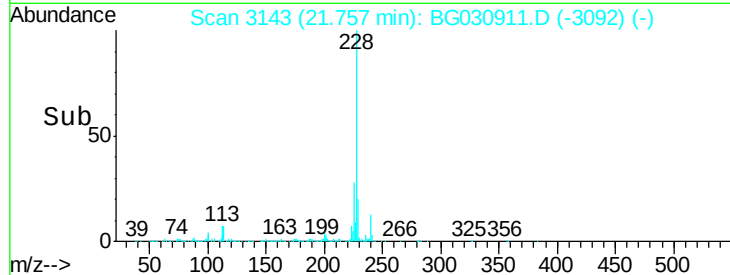
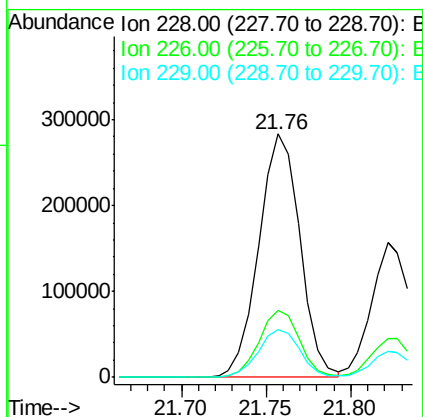
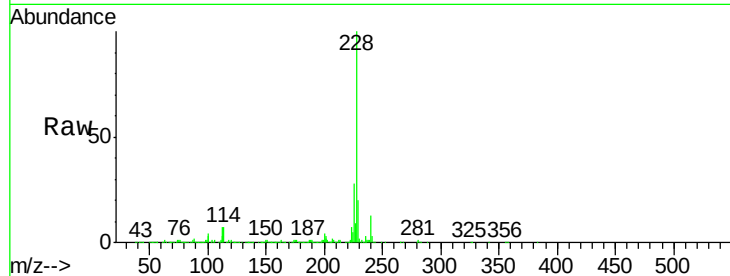




#80
Benzo(a)anthracene
Concen: 18.57 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

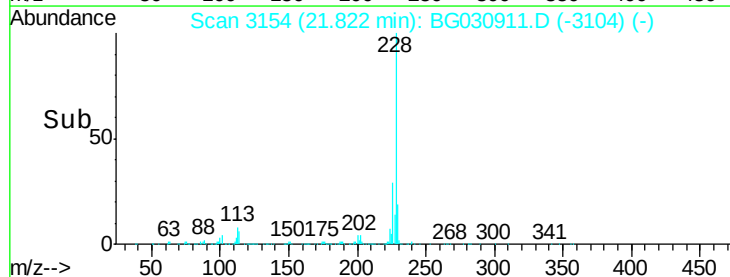
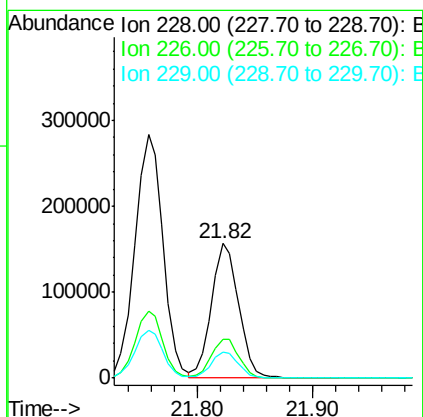
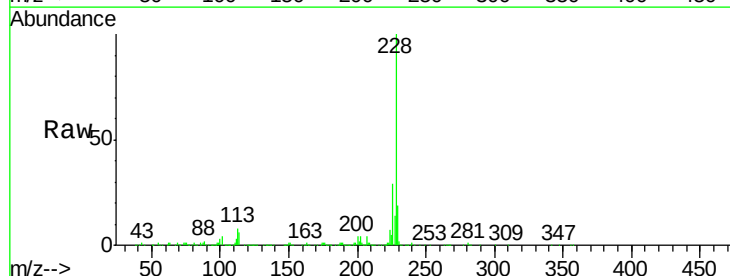
Instrument :
BNA_G
ClientSampleId :

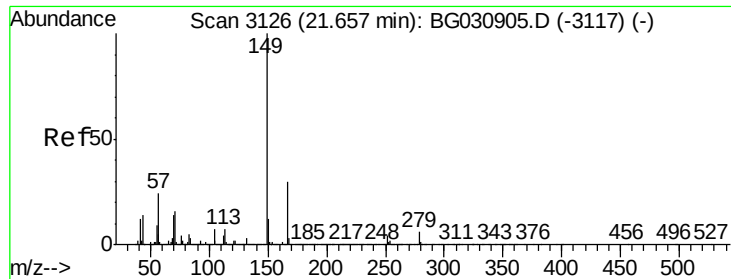
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	19.7	16.2	24.2



#82
Chrysene
Concen: 10.72 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	19.1	15.0	22.4

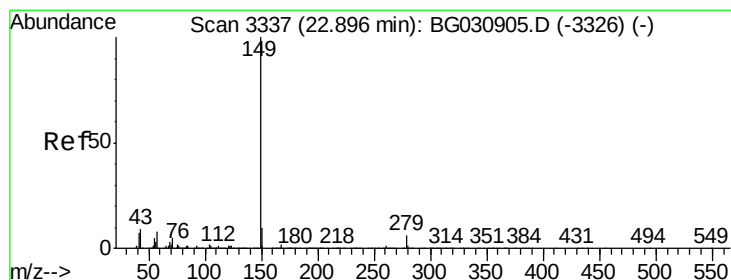
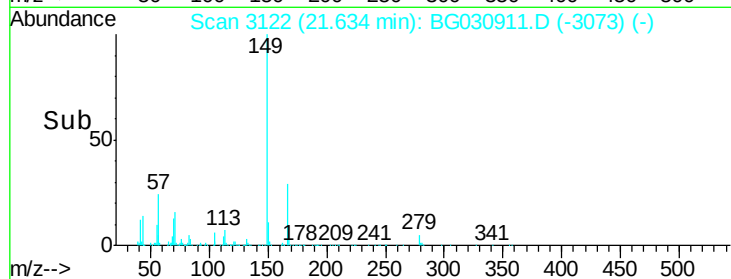
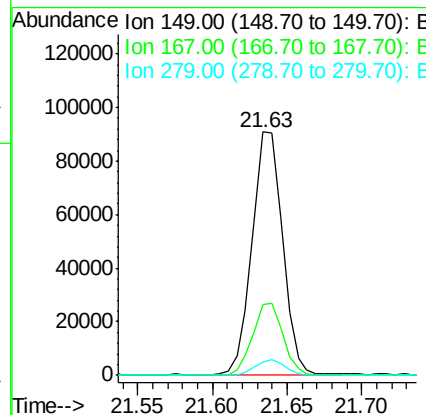
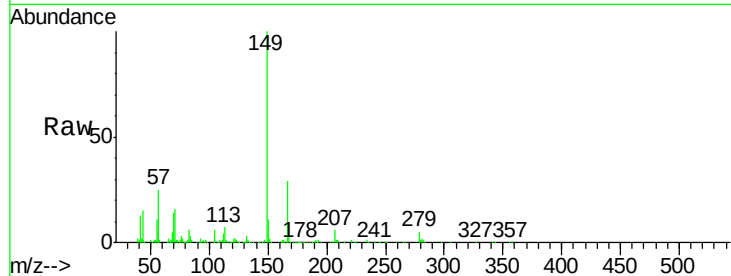




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.97 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

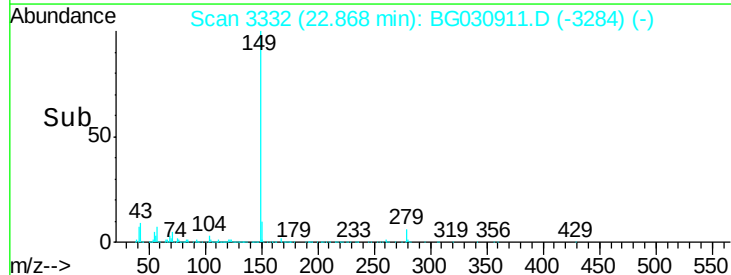
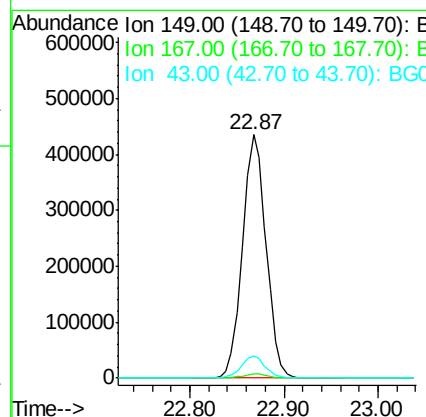
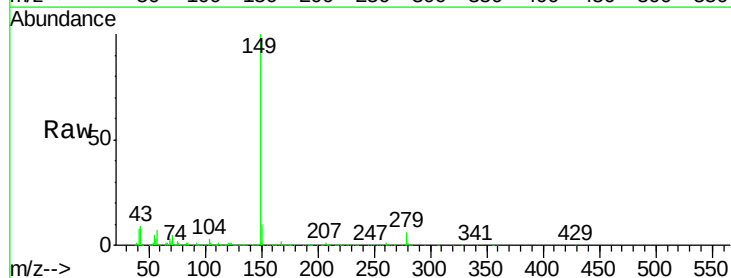
Instrument :
 BNA_G
 ClientSampleId :

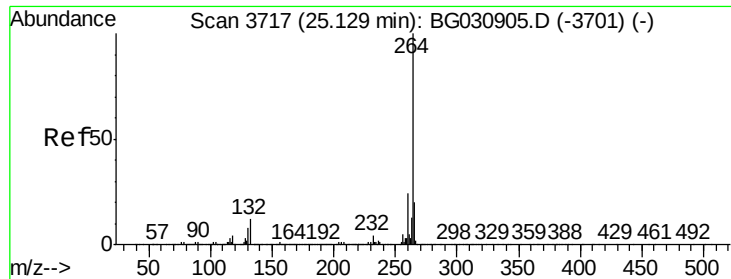
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.3	36.5
279	5.2	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 32.60 ng
 RT: 22.87 min Scan# 3332
 Delta R.T. -0.02 min
 Lab File: BG030911.D
 Acq: 10 Nov 2017 17:46

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

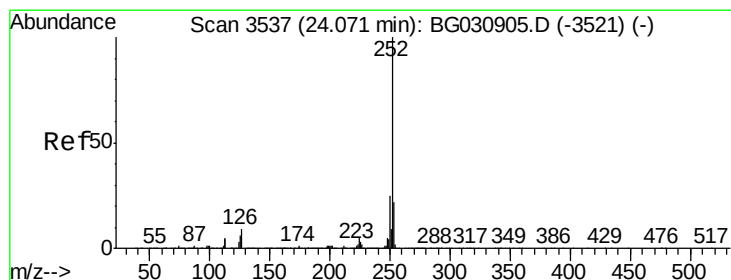
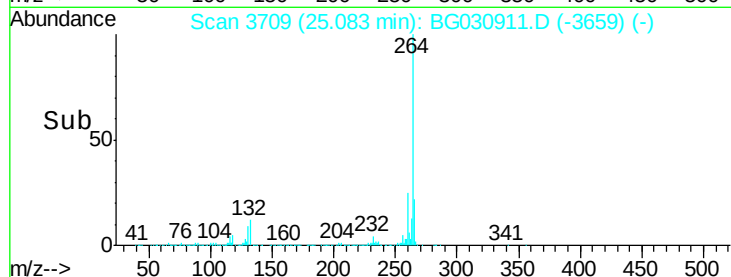
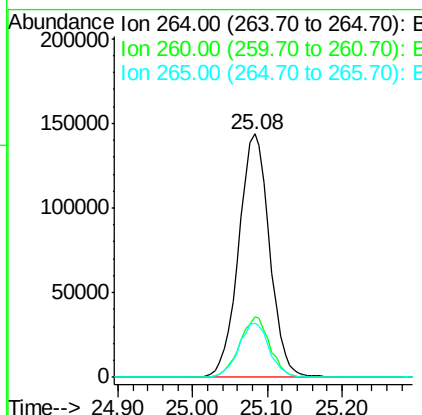
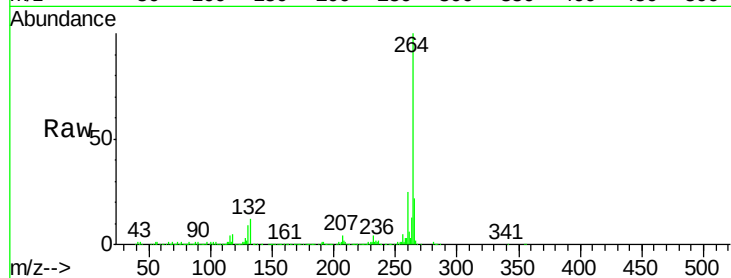




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

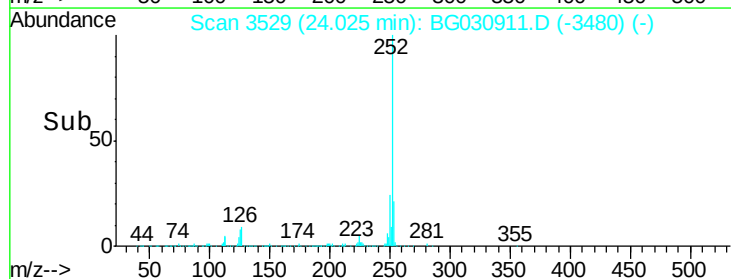
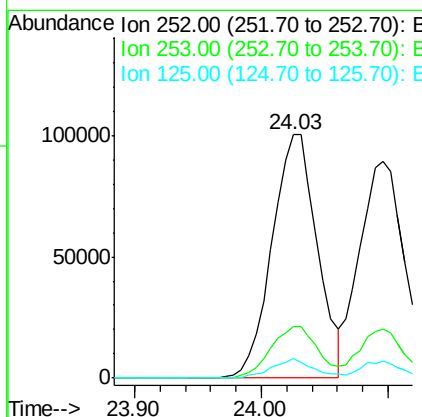
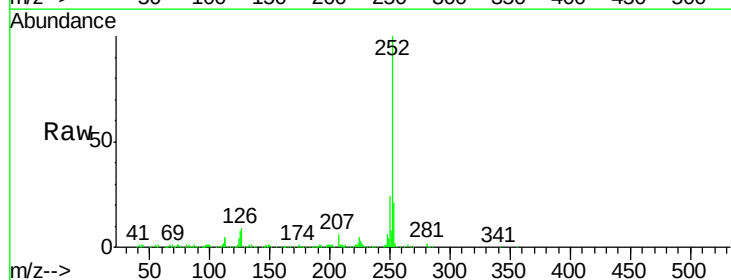
Instrument :
BNA_G
ClientSampleId :

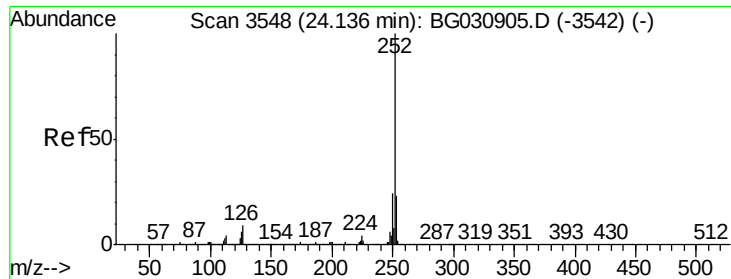
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.4	17.7	26.5



#87
Benzo(b)fluoranthene
Concen: 9.99 ng
RT: 24.03 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG030911.D
Acq: 10 Nov 2017 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	7.9	7.2	10.8





#88

Benzo(k)fluoranthene

Concen: 8.98 ng

RT: 24.10 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG030911.D

Acq: 10 Nov 2017 17:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 221827

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 7.6 6.6 9.8

