

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021197.D
 Acq On : 1 Mar 2016 23:43
 Operator : UM/SJ
 Sample : H1565-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-5(2.5-5)20160223

Quant Time: Mar 02 00:52:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	13067	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	62959	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	35407	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	74540	20.00	ng	0.00
75) Chrysene-d12	21.76	240	79361	20.00	ng	0.00
86) Perylene-d12	25.04	264	74453	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	24547	29.86	ng	0.00
7) Phenol-d6	7.30	99	141298	104.54	ng	0.00
23) Nitrobenzene-d5	9.31	82	151037	101.51	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	7567	20.54	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	227410	91.20	ng	0.00
78) Terphenyl-d14	20.08	244	282797	86.33	ng	0.00

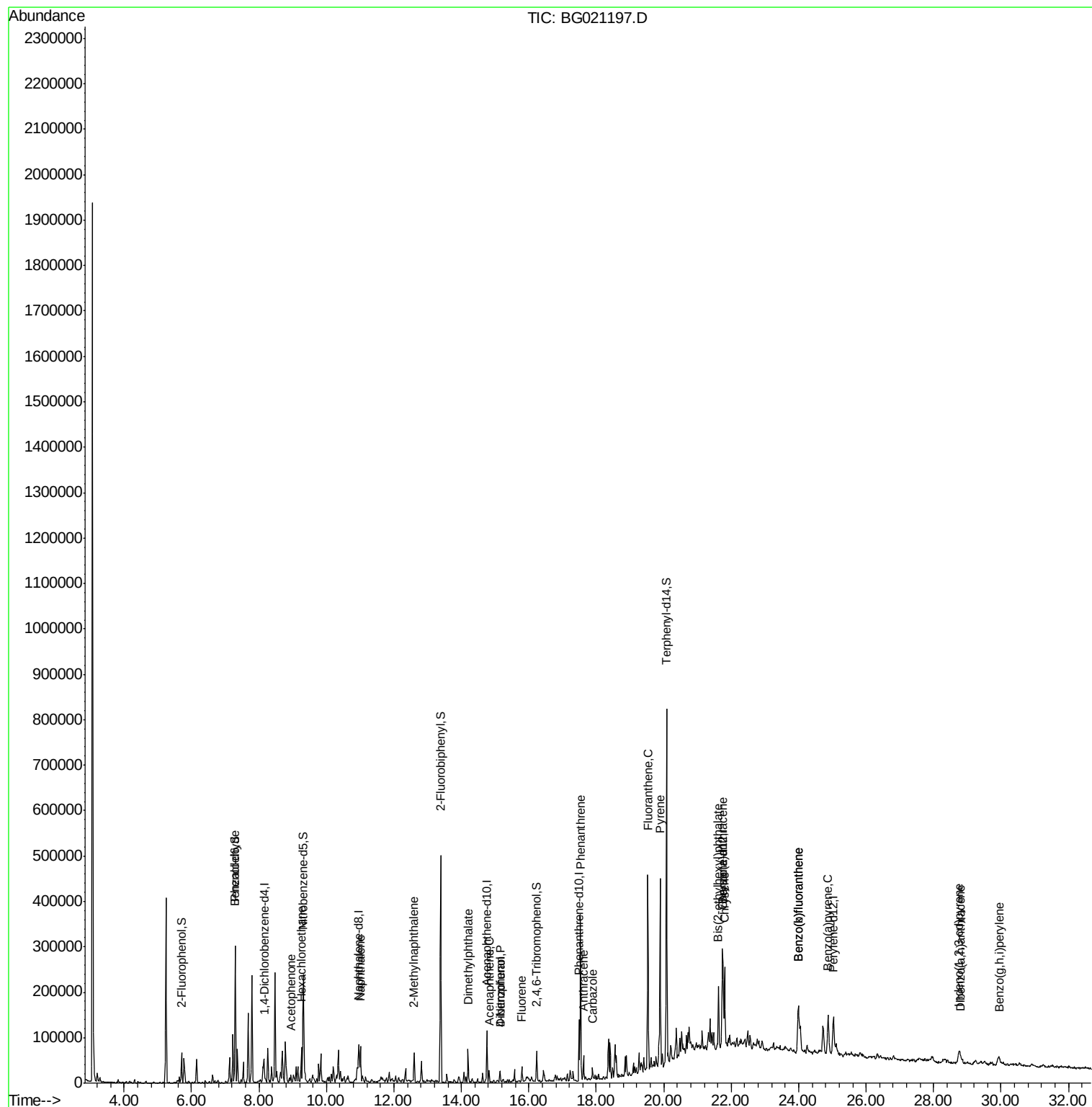
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	4425	5.24	ng	# 1
18) Hexachloroethane	9.25	117	6716	15.08	ng	# 1
22) Acetophenone	8.95	105	12061	6.44	ng	# 57
31) Naphthalene	11.00	128	49009	14.93	ng	# 99
37) 2-Methylnaphthalene	12.60	142	29403	12.58	ng	# 93
49) Dimethylphthalate	14.20	163	42790	13.56	ng	# 99
51) Acenaphthene	14.82	154	9136	3.89	ng	# 94
54) Dibenzofuran	15.15	168	9751	3.11	ng	# 90
55) 4-Nitrophenol	15.15	139	4613	7.59	ng	# 7
57) Fluorene	15.80	166	14193	4.75	ng	# 95
70) Phenanthrene	17.54	178	205302	51.04	ng	# 98
71) Anthracene	17.62	178	32458	7.89	ng	# 97
72) Carbazole	17.88	167	12833	3.52	ng	# 91
74) Fluoranthene	19.53	202	240758	50.94	ng	# 98
77) Pyrene	19.89	202	243526	51.44	ng	# 98
80) Benzo(a)anthracene	21.73	228	111890	23.81	ng	# 98
82) Chrysene	21.80	228	111440	25.03	ng	# 98
83) Bis(2-ethylhexyl)phthalate	21.63	149	50042	14.13	ng	# 96
85) Indeno(1,2,3-cd)pyrene	28.75	276	44697	8.75	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	114417	24.43	ng	# 94
88) Benzo(k)fluoranthene	23.99	252	114417	24.40	ng	# 93
89) Benzo(a)pyrene	24.88	252	90989	20.10	ng	# 96
90) Dibenzo(a,h)anthracene	28.81	278	11644	2.60	ng	# 87
91) Benzo(g,h,i)perylene	29.94	276	40009	9.25	ng	# 88

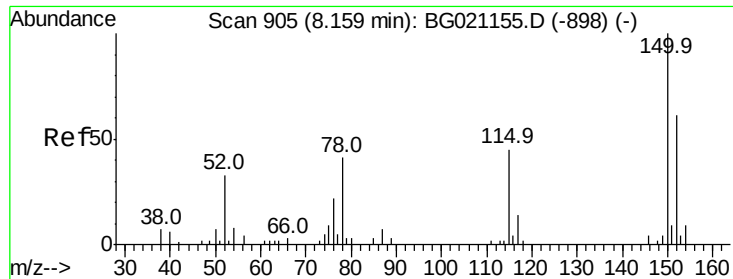
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

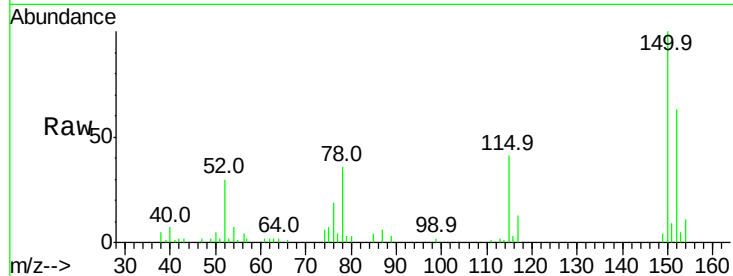
Tot Ion:152 Resp: 13067

Ion Ratio Lower Upper

152 100

150 159.4 123.4 185.2

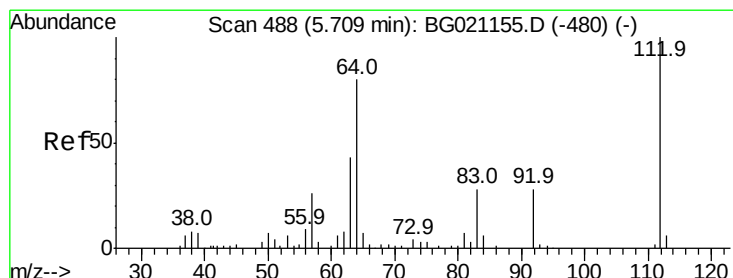
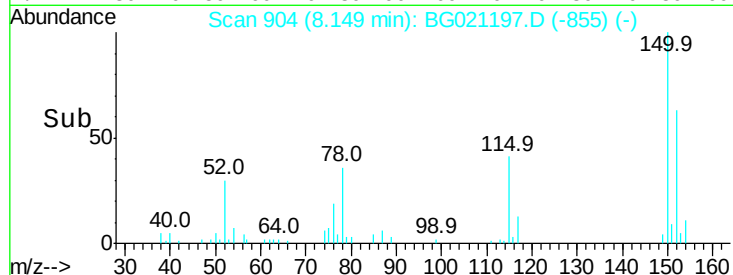
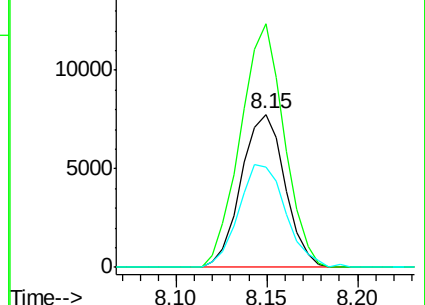
115 65.9 43.3 64.9#



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: 29.86 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

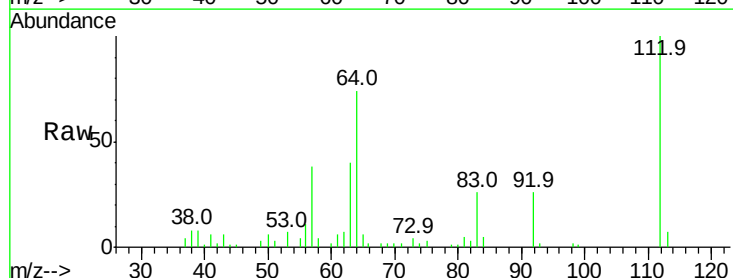
Tgt Ion:112 Resp: 24547

Ion Ratio Lower Upper

112 100

64 73.8 42.6 63.8#

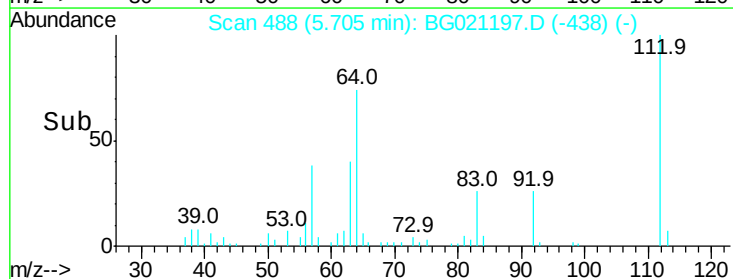
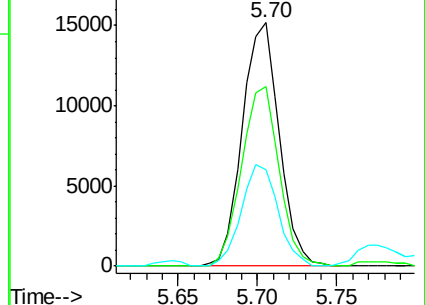
63 39.7 21.7 32.5#

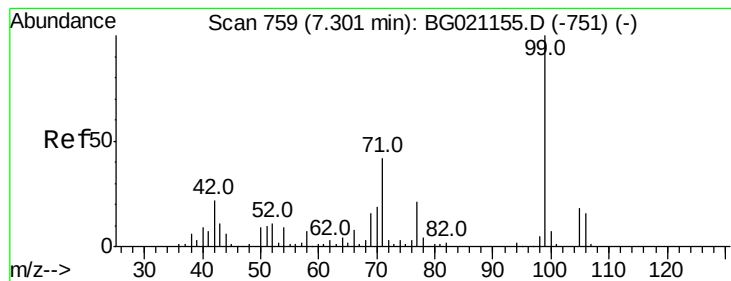


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 104.54 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

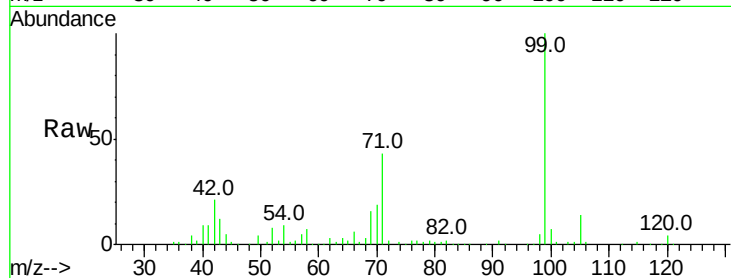
Tot Ion: 99 Resp: 141298

Ion Ratio Lower Upper

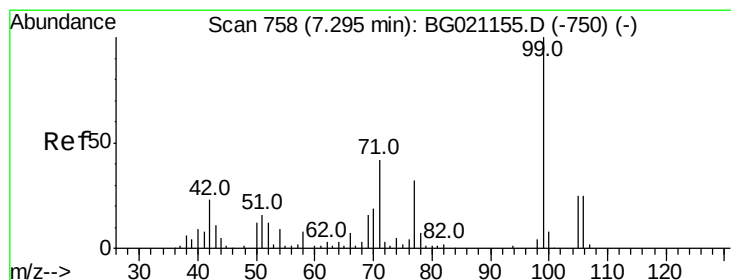
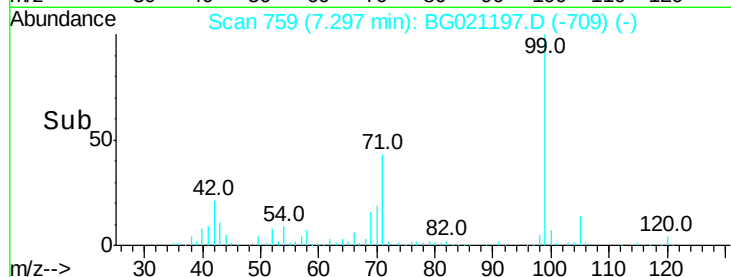
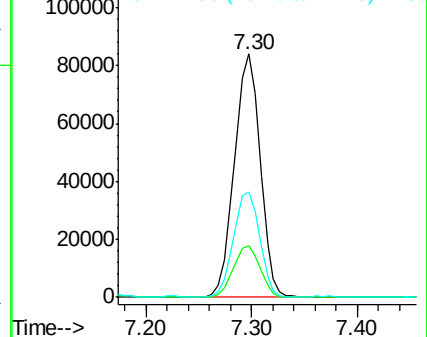
99 100

42 21.3 13.2 19.8#

71 43.1 25.2 37.8#



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



#9

Benzaldehyde

Concen: 5.24 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

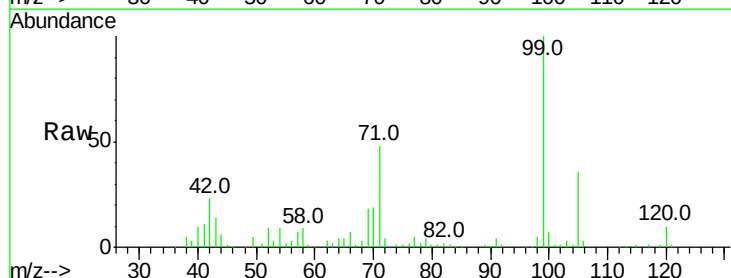
Tgt Ion: 77 Resp: 4425

Ion Ratio Lower Upper

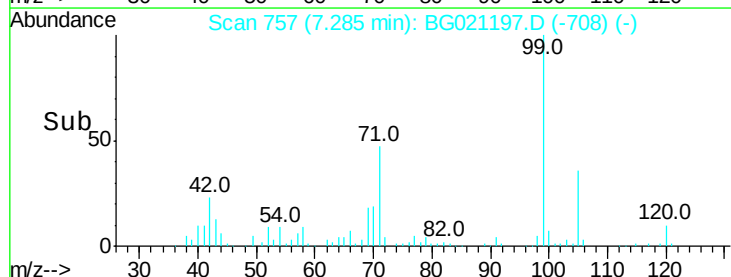
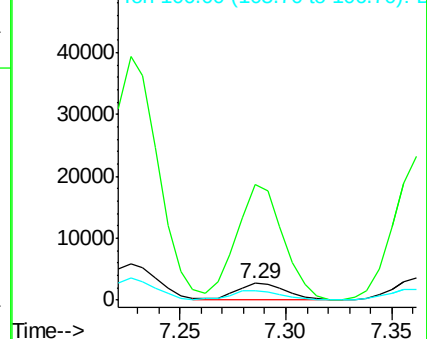
77 100

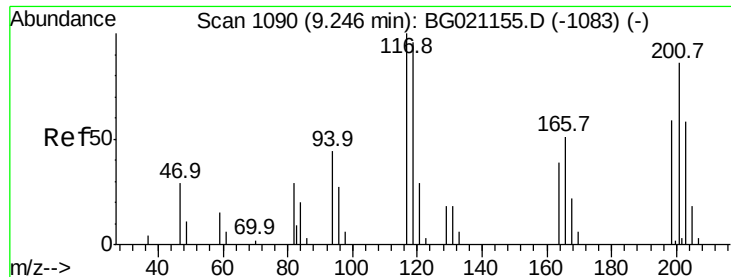
105 692.9 77.4 117.4#

106 54.5 72.8 112.8#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#18

Hexachloroethane

Concen: 15.08 ng

RT: 9.25 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

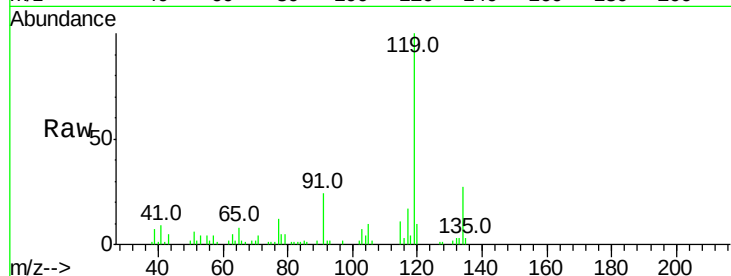
Tot Ion:117 Resp: 6716

Ion Ratio Lower Upper

117 100

119 596.7 74.5 111.7#

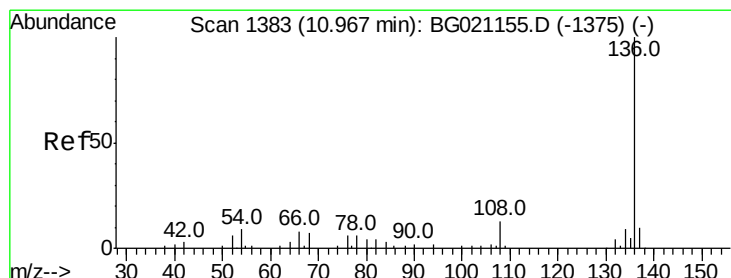
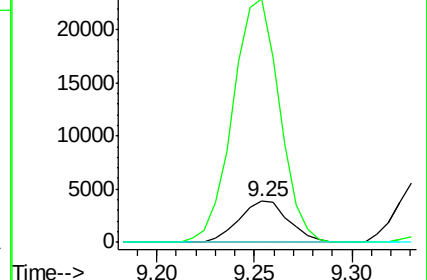
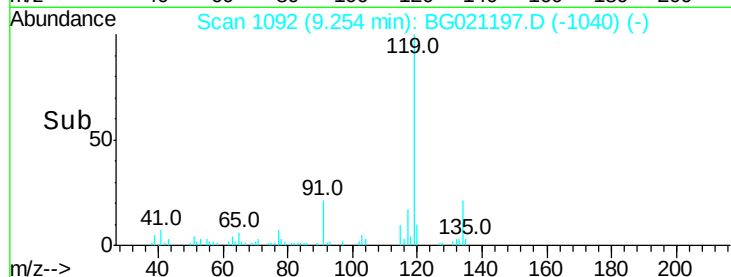
201 0.0 68.2 102.4#



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: 20.00 ng

RT: 10.96 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Tgt Ion:136 Resp: 62959

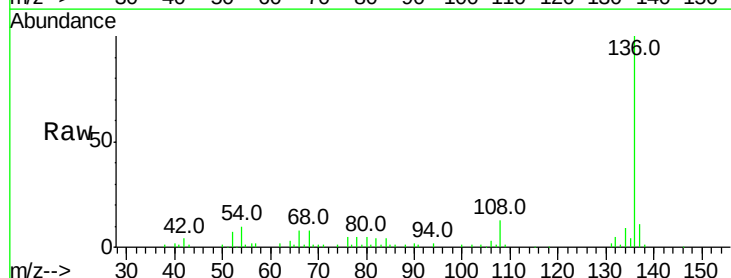
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.4 6.9 10.3#

68 7.6 5.8 8.6

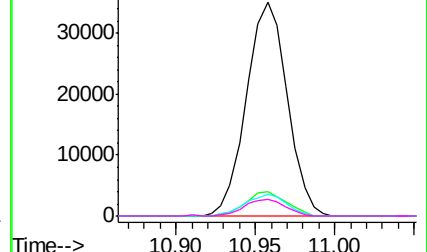
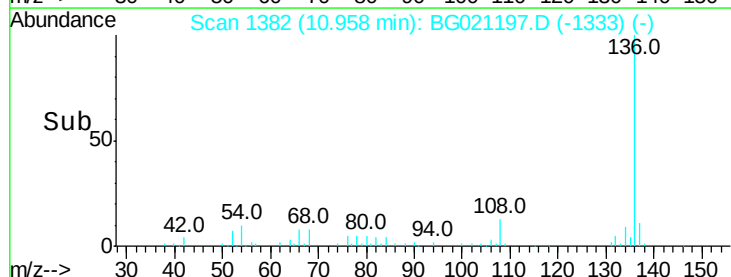


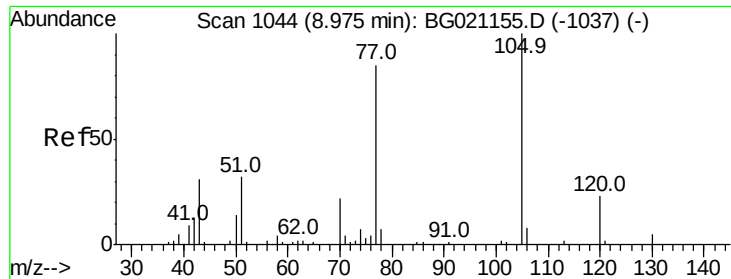
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 6.44 ng

RT: 8.95 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

Tot Ion:105 Resp: 12061

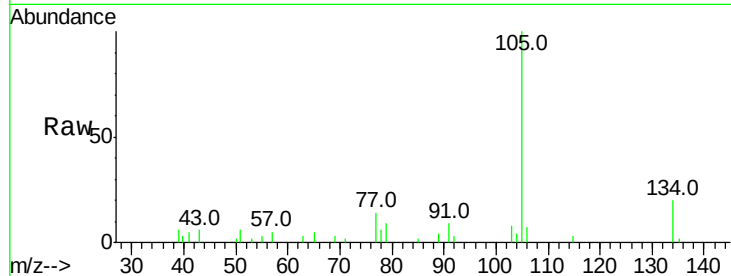
Ion Ratio Lower Upper

105 100

71 2.1 0.0 0.0#

51 5.8 21.4 32.2#

120 0.0 18.0 27.0#

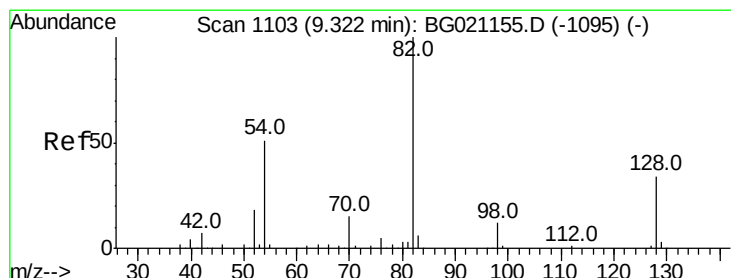
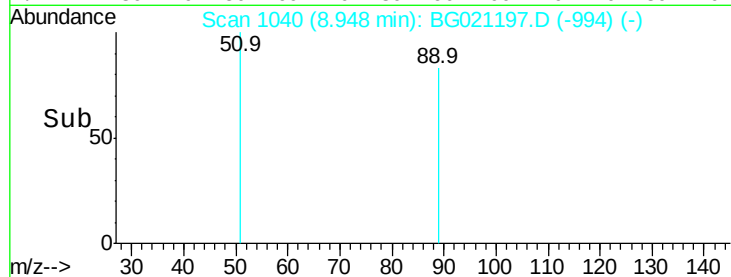
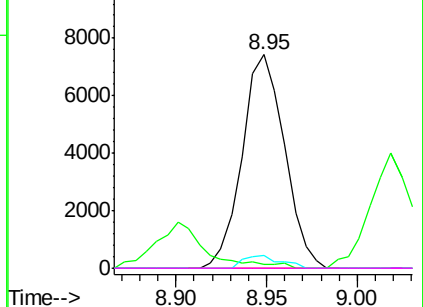


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 101.51 ng

RT: 9.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

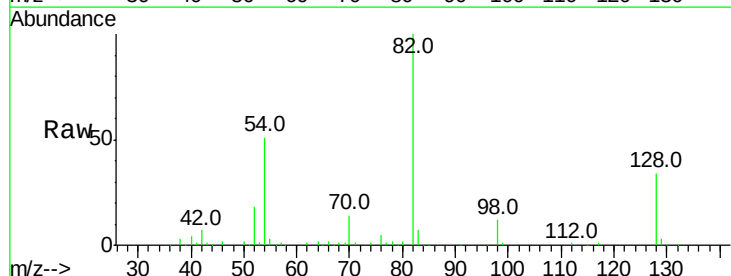
Tgt Ion: 82 Resp: 151037

Ion Ratio Lower Upper

82 100

128 34.2 36.3 54.5#

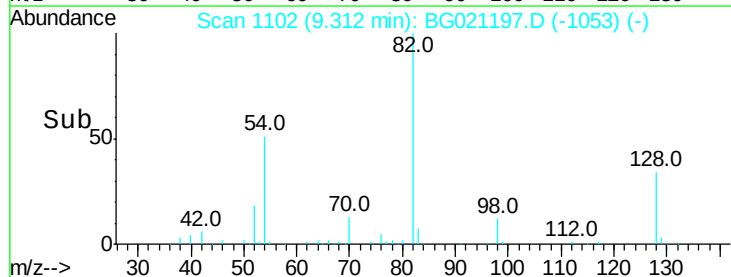
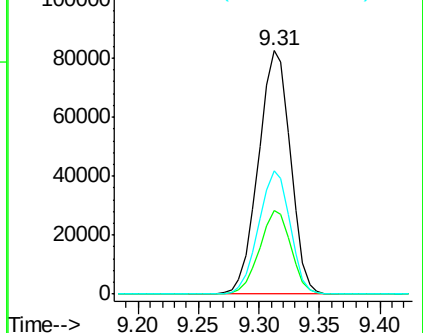
54 50.8 37.6 56.4

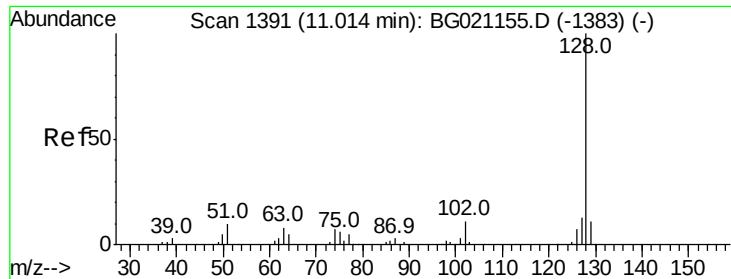


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

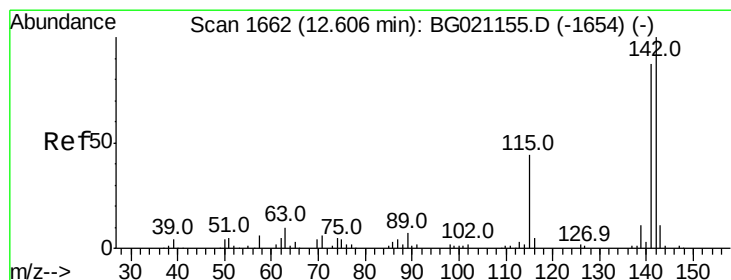
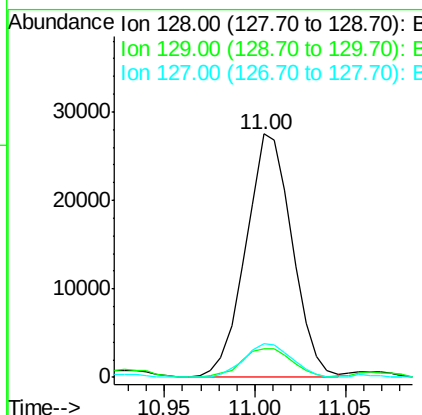
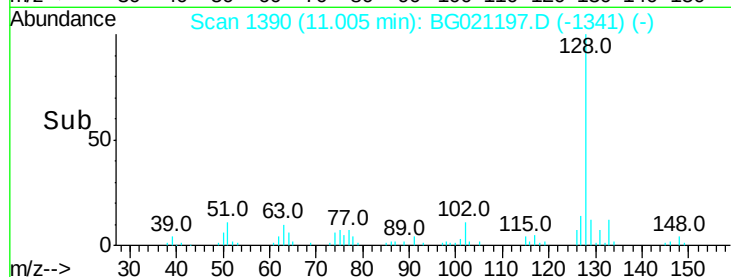
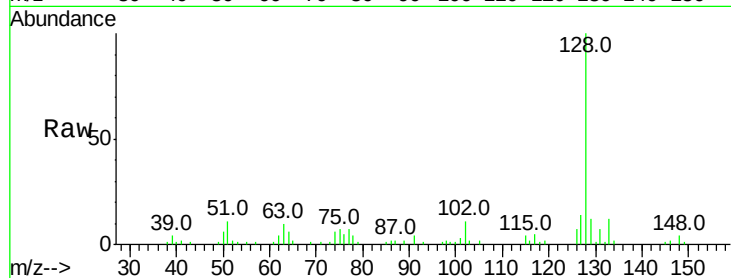




#31
Naphthalene
Concen: 14.93 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

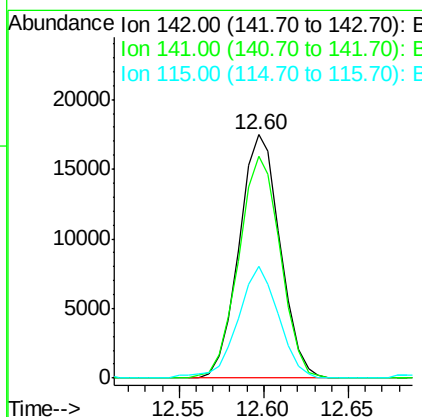
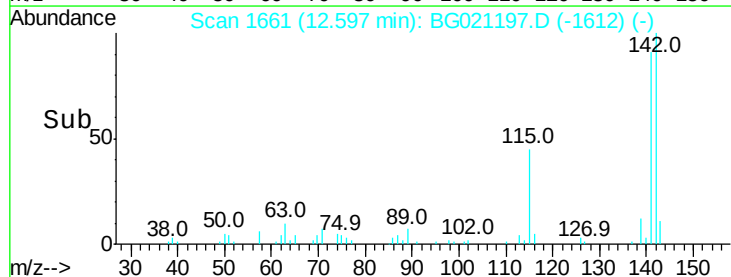
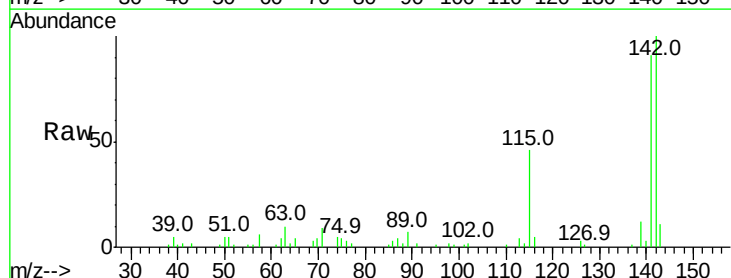
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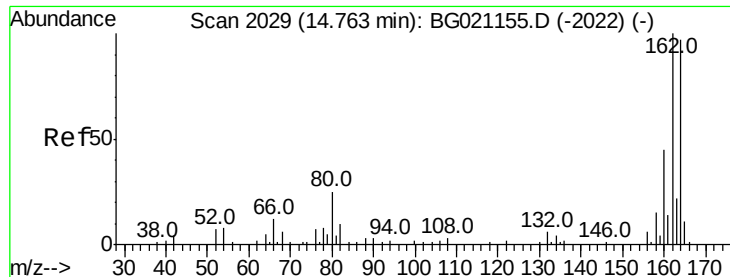
Tot Ion:128 Resp: 49009
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.9 10.8 16.2



#37
2-Methylnaphthalene
Concen: 12.58 ng
RT: 12.60 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

Tgt Ion:142 Resp: 29403
Ion Ratio Lower Upper
142 100
141 91.1 71.7 107.5
115 45.9 26.2 39.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

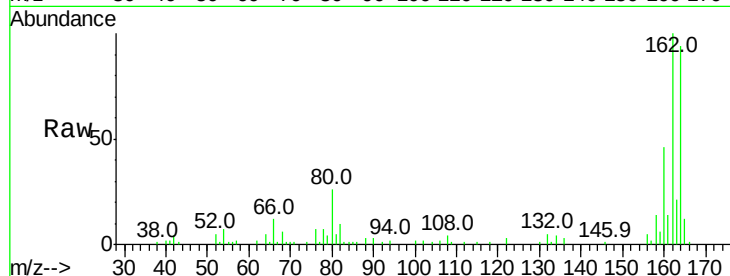
Tot Ion:164 Resp: 35407

Ion Ratio Lower Upper

164 100

162 106.3 80.6 120.8

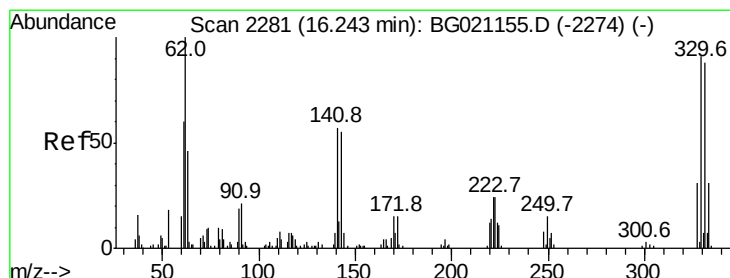
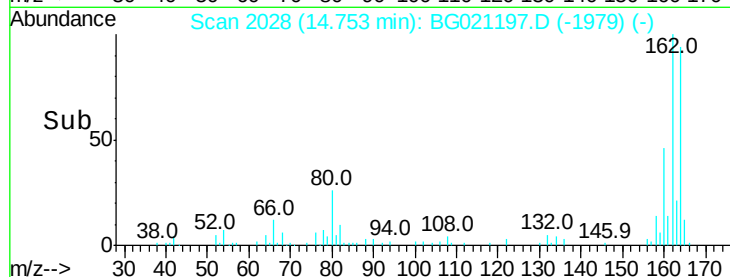
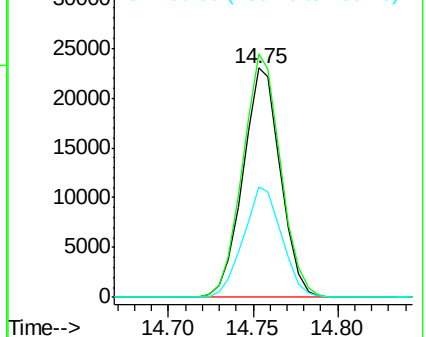
160 48.5 36.5 54.7



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: 20.54 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

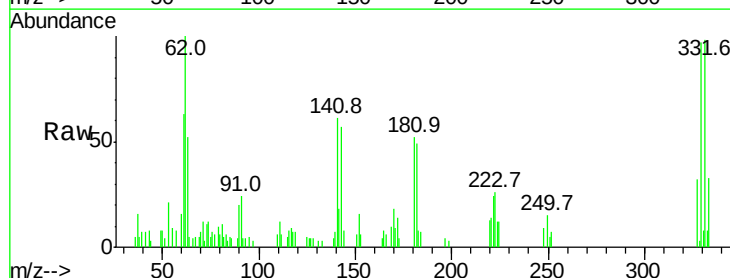
Tgt Ion:330 Resp: 7567

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

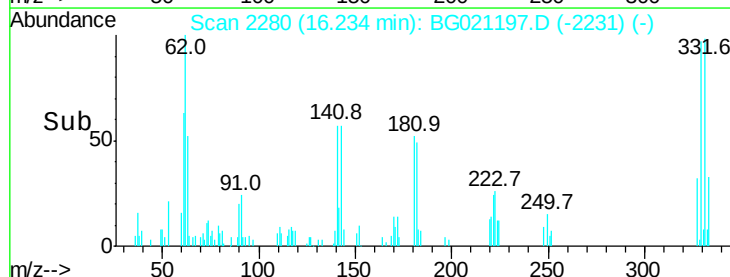
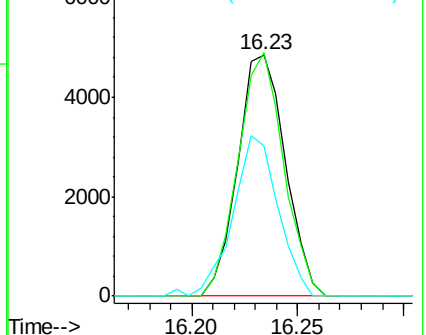
141 63.5 35.3 52.9#

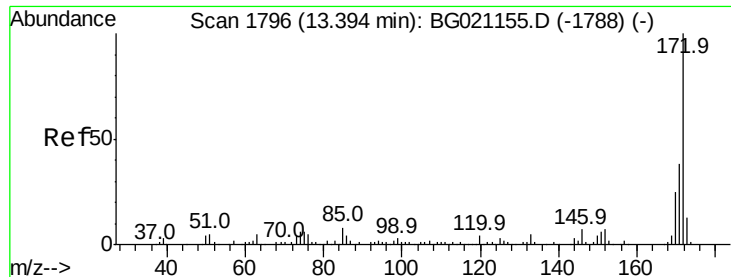


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

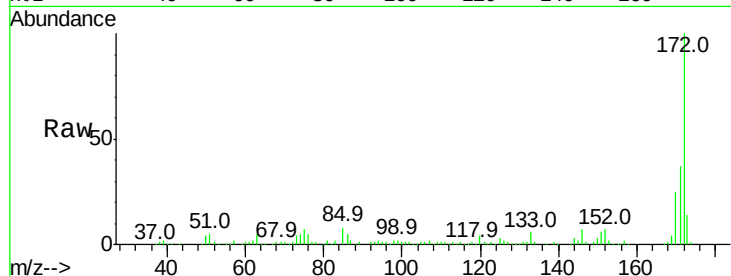




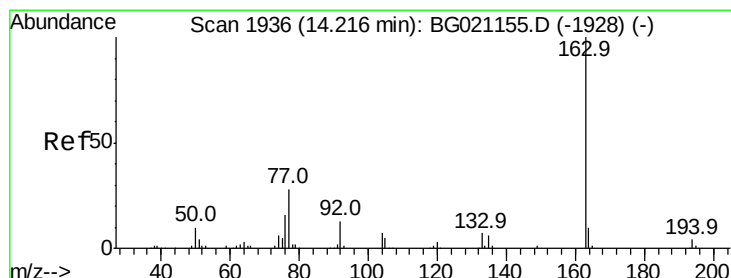
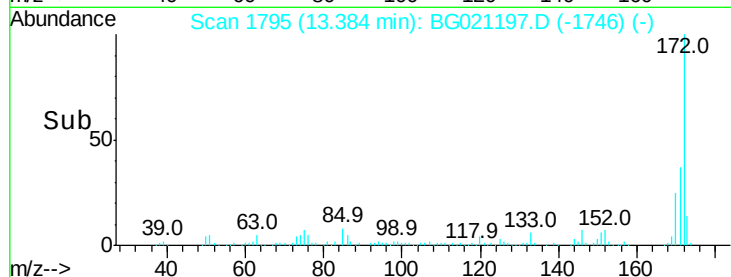
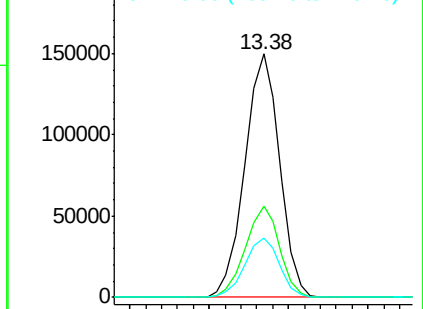
#44
2-Fluorobiphenyl
Concen: 91.20 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

Instrument :
BNA_G
ClientSampleId :
CEB-5(2.5-5)20160223

Tot Ion:172 Resp: 227410
Ion Ratio Lower Upper
172 100
171 37.5 29.4 44.0
170 24.6 19.8 29.8

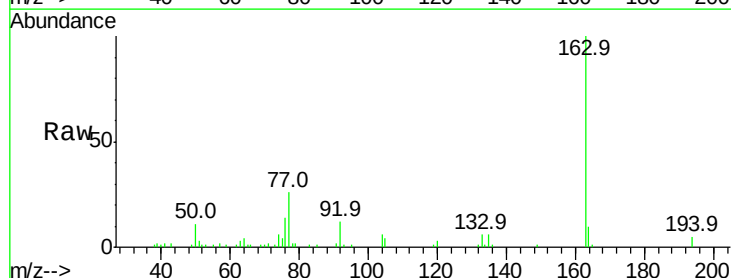


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

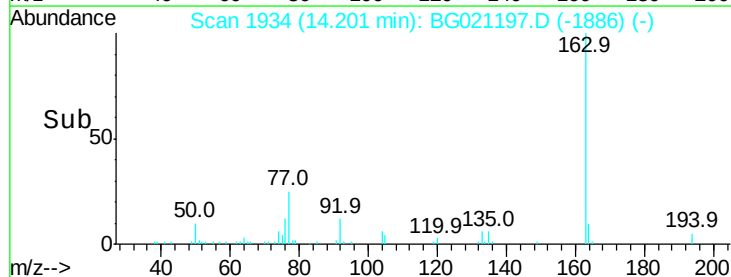
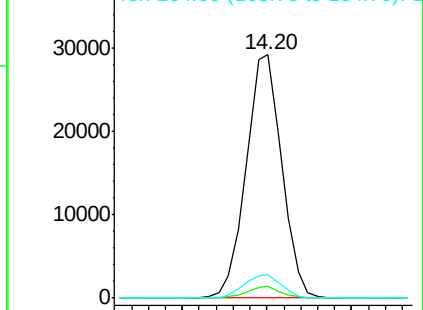


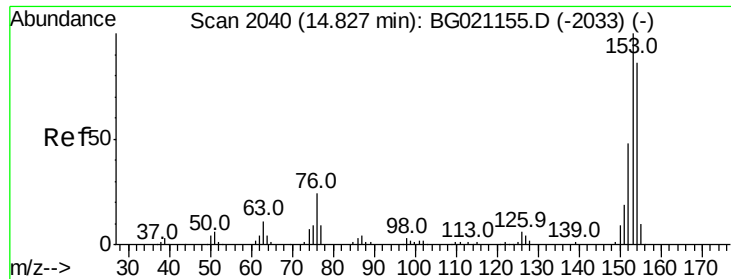
#49
Dimethylphthalate
Concen: 13.56 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

Tgt Ion:163 Resp: 42790
Ion Ratio Lower Upper
163 100
194 4.6 2.8 4.2#
164 9.6 7.9 11.9



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





#51

Acenaphthene

Concen: 3.89 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

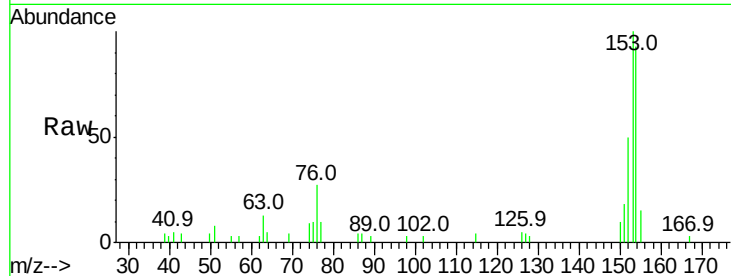
Tot Ion:154 Resp: 9136

Ion Ratio Lower Upper

154 100

153 107.6 94.2 141.2

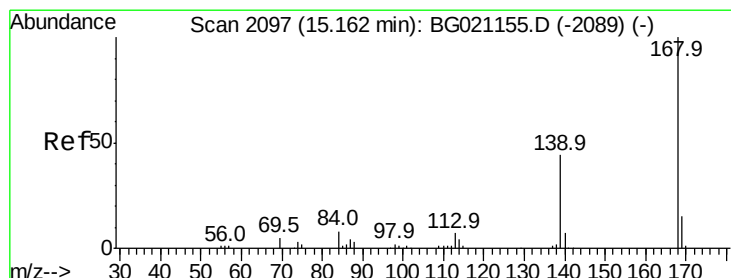
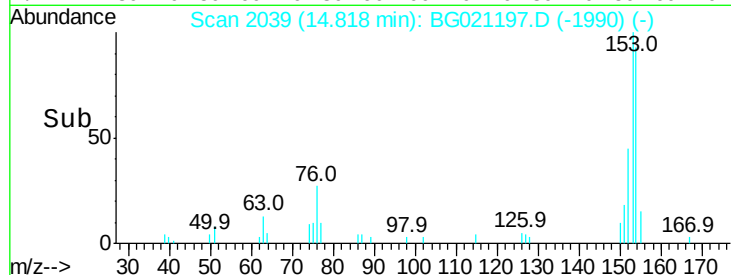
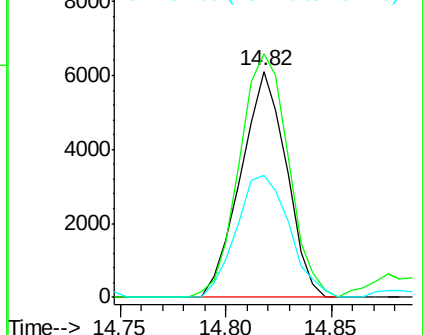
152 53.7 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.11 ng

RT: 15.15 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

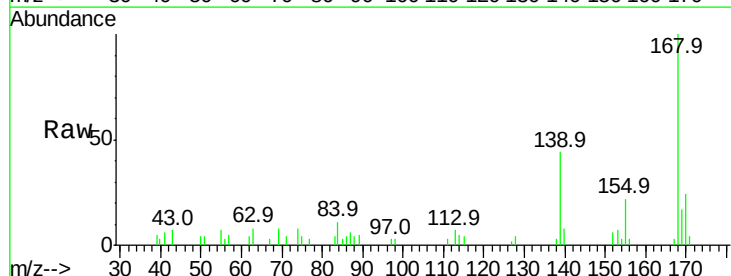
Tgt Ion:168 Resp: 9751

Ion Ratio Lower Upper

168 100

139 43.5 29.8 44.8

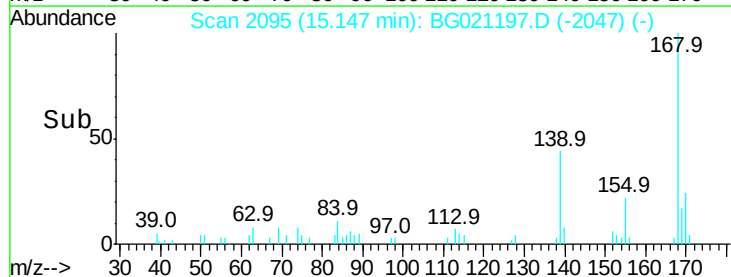
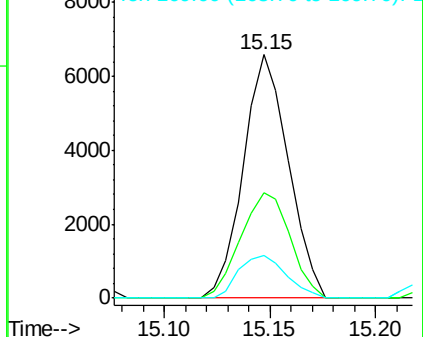
169 17.3 11.4 17.2#

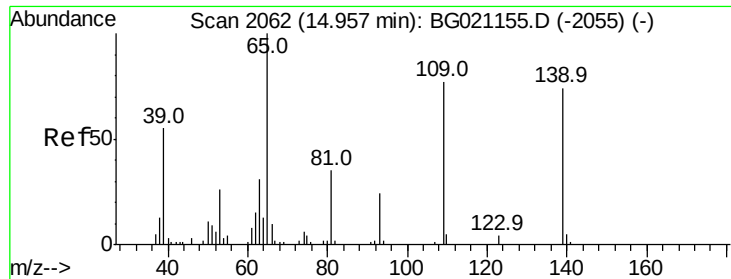


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 7.59 ng

RT: 15.15 min Scan# 2095

Delta R.T. 0.19 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

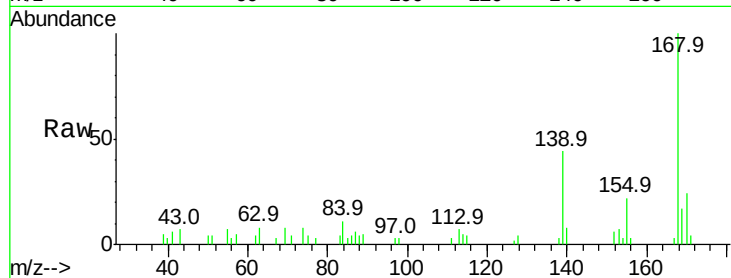
Tot Ion:139 Resp: 4613

Ion Ratio Lower Upper

139 100

109 0.0 54.1 94.1#

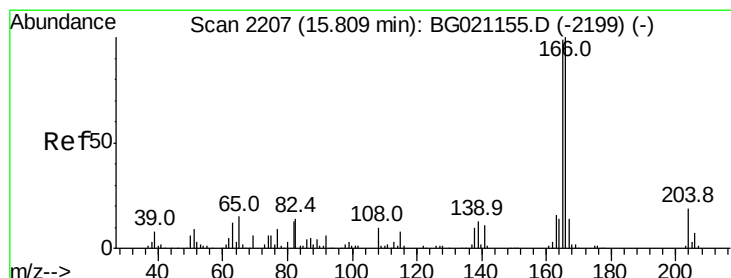
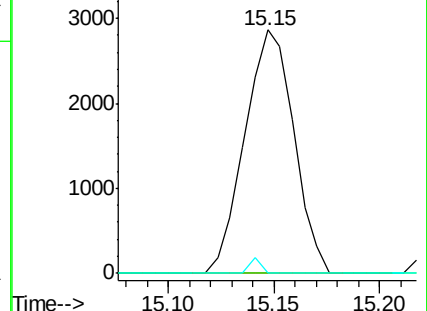
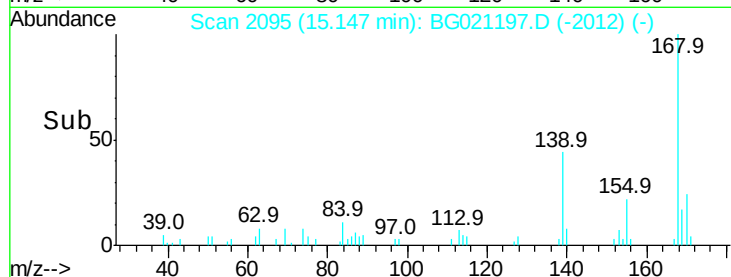
65 0.0 73.4 113.4#



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): B



#57

Fluorene

Concen: 4.75 ng

RT: 15.80 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

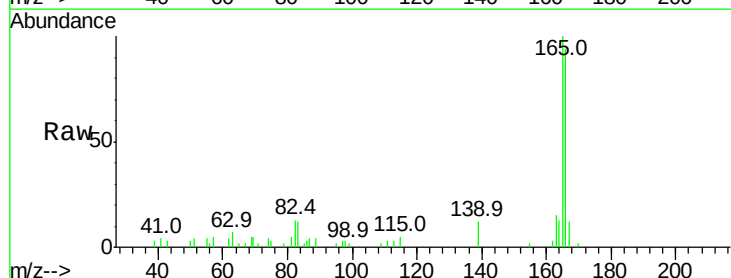
Tgt Ion:166 Resp: 14193

Ion Ratio Lower Upper

166 100

165 106.9 81.3 121.9

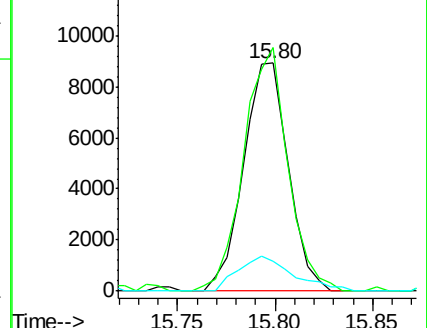
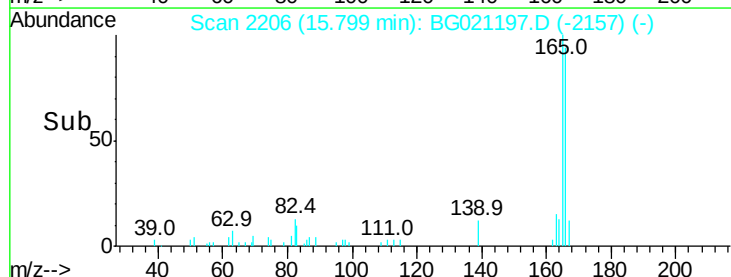
167 13.0 10.6 16.0

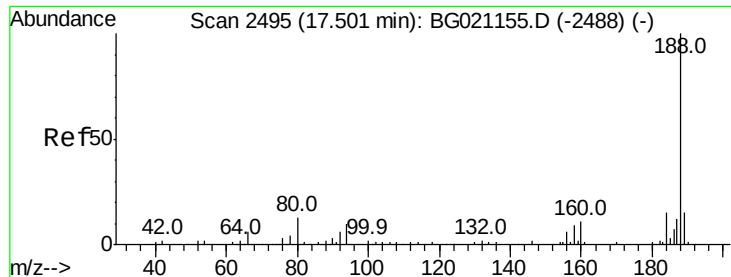


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

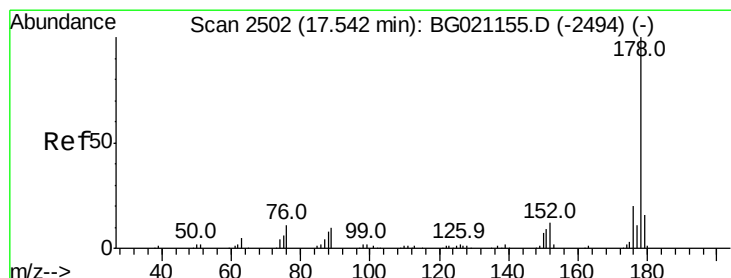
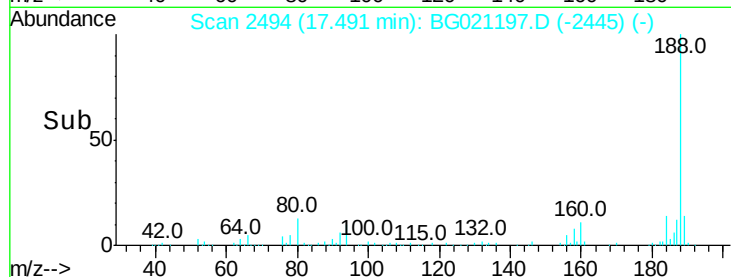
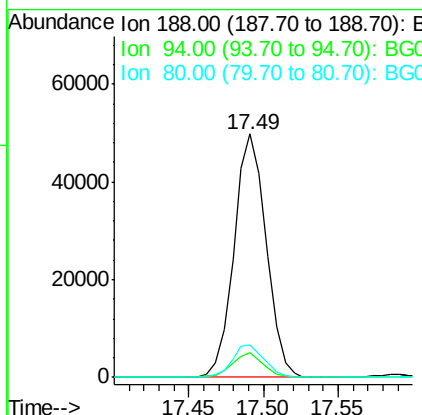
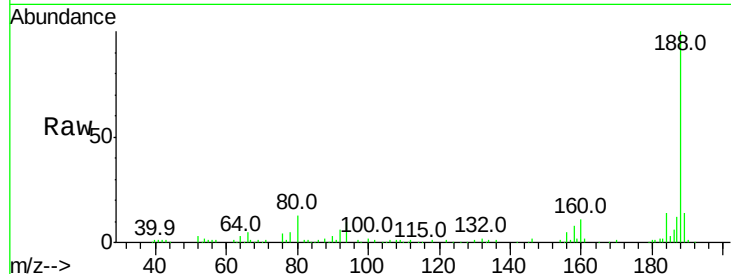




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

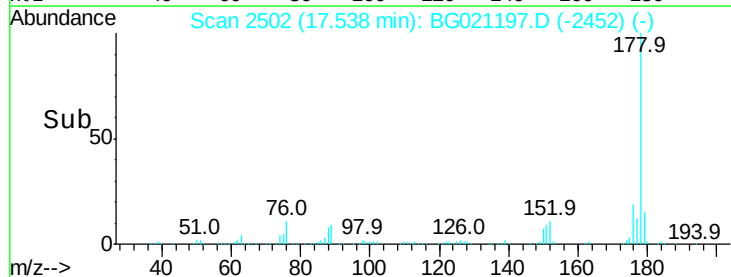
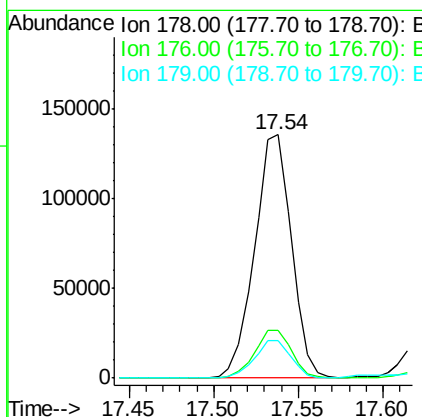
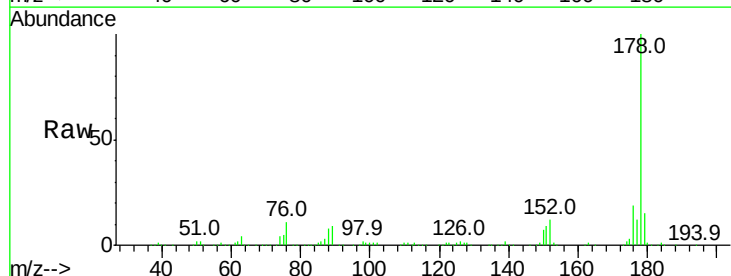
Instrument :
BNA_G
ClientSampleId :
CEB-5(2.5-5)20160223

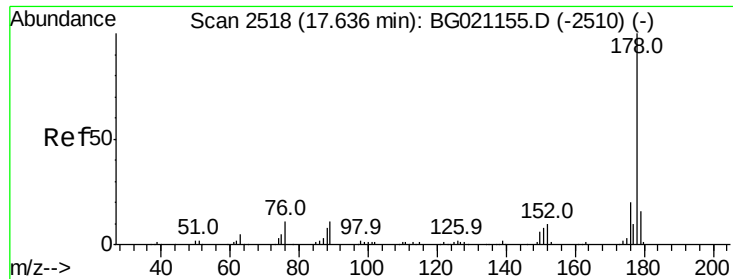
Tot Ion:188 Resp: 74540
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.4
80 13.3 9.2 13.8



#70
Phenanthrene
Concen: 51.04 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

Tgt Ion:178 Resp: 205302
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.3 12.9 19.3





#71

Anthracene

Concen: 7.89 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.02 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

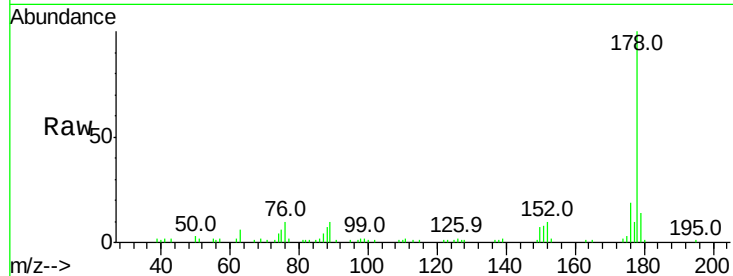
Tot Ion:178 Resp: 32458

Ion Ratio Lower Upper

178 100

176 19.4 14.8 22.2

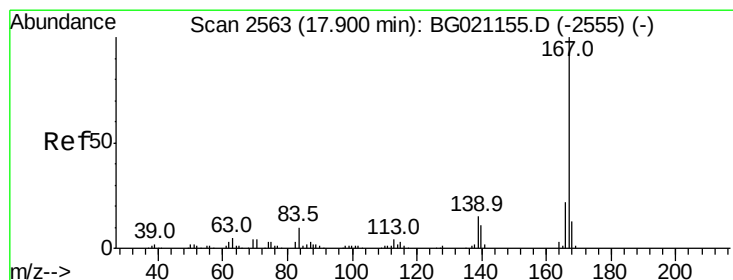
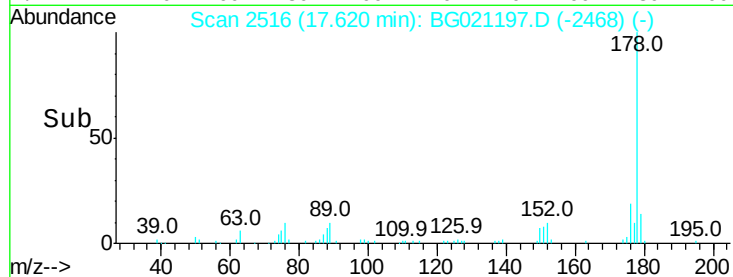
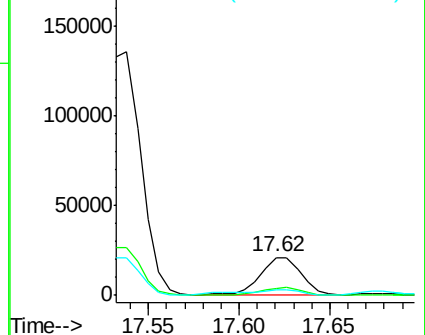
179 13.6 12.6 19.0



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



#72

Carbazole

Concen: 3.52 ng

RT: 17.88 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

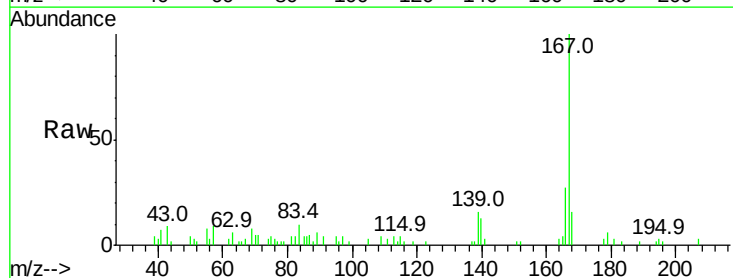
Tgt Ion:167 Resp: 12833

Ion Ratio Lower Upper

167 100

166 26.8 17.5 26.3#

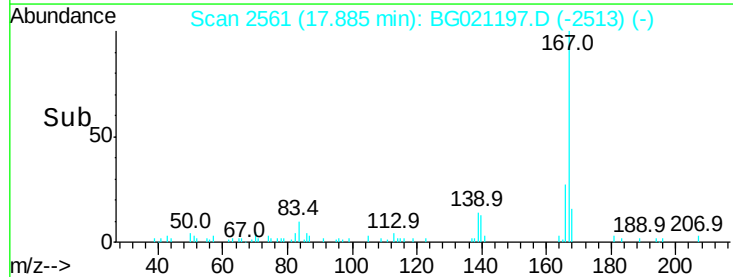
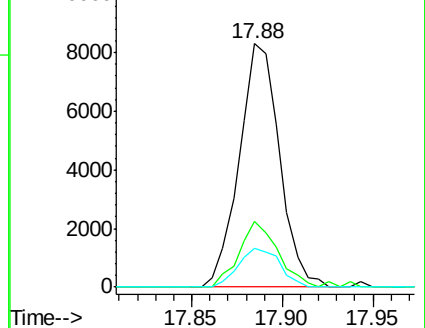
139 16.0 10.3 15.5#

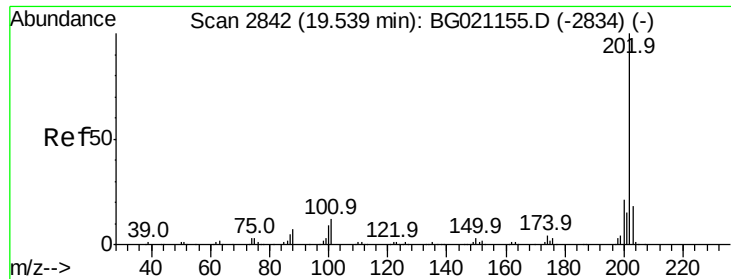


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 50.94 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

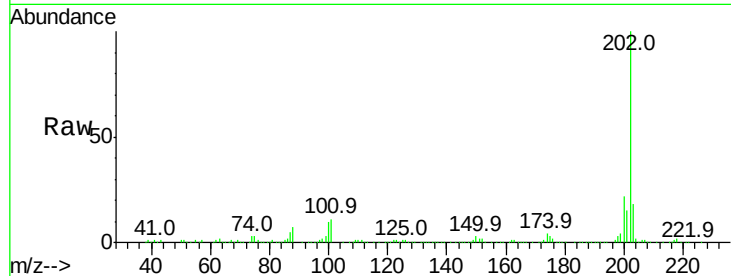
Tot Ion:202 Resp: 240758

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.5

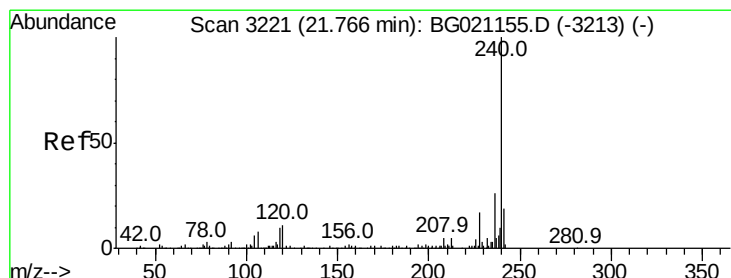
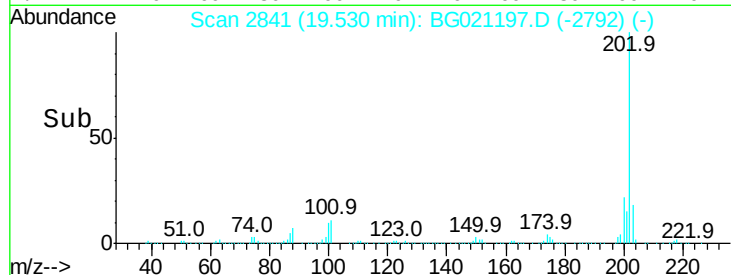
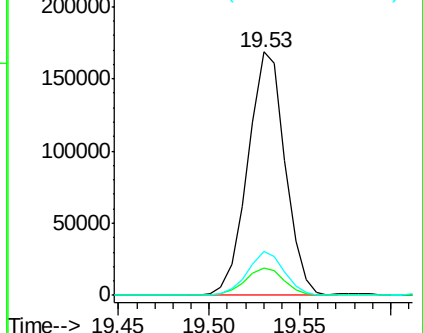
203 18.1 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

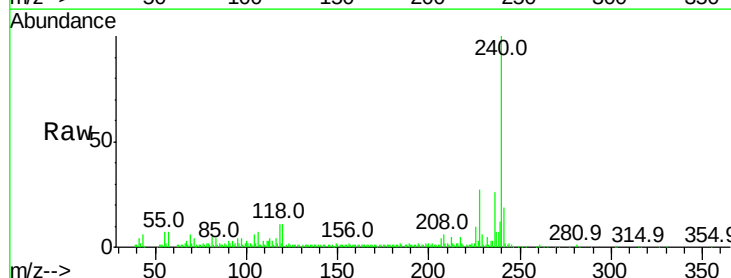
Tgt Ion:240 Resp: 79361

Ion Ratio Lower Upper

240 100

120 10.6 7.5 11.3

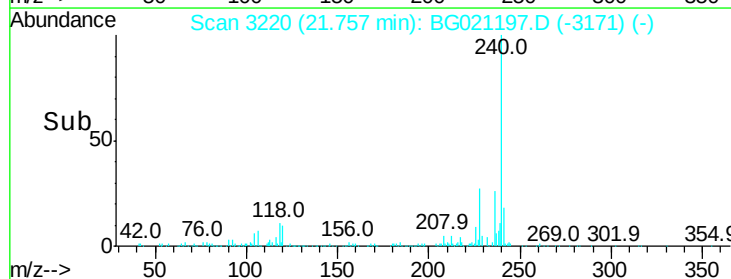
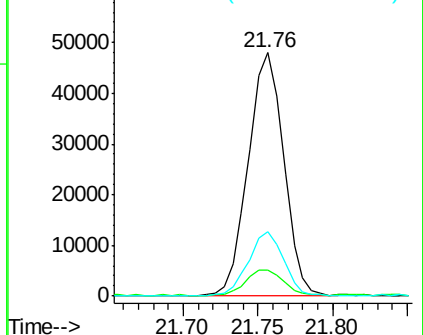
236 26.4 20.5 30.7

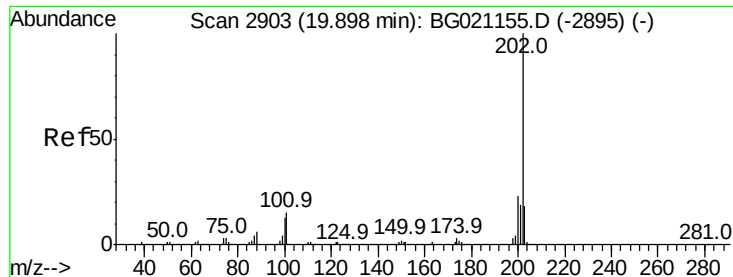


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 51.44 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

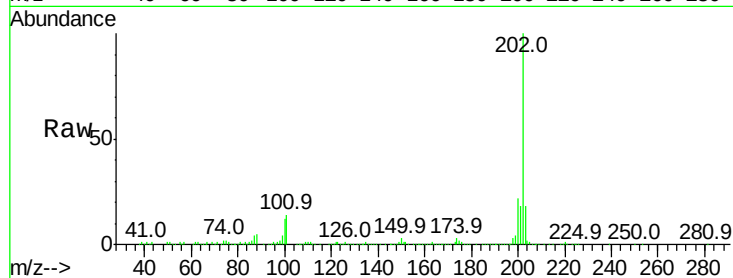
Tot Ion:202 Resp: 243526

Ion Ratio Lower Upper

202 100

200 21.9 16.6 25.0

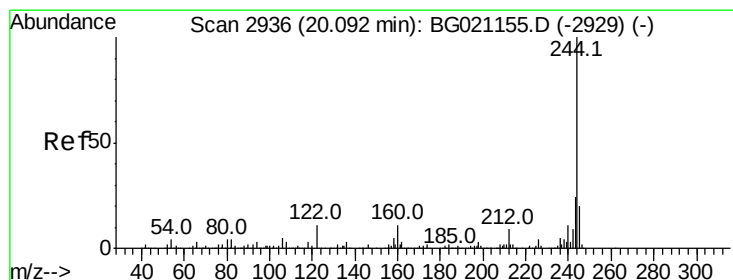
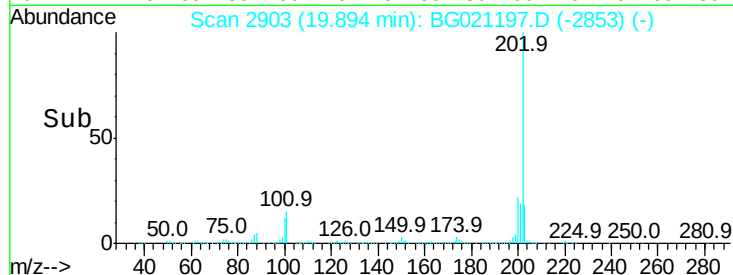
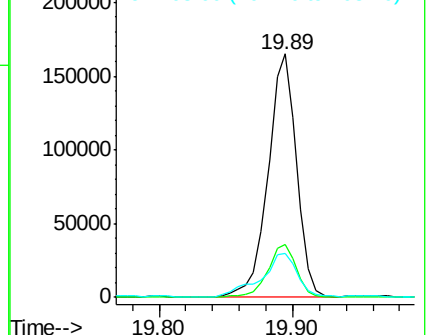
203 17.9 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.33 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

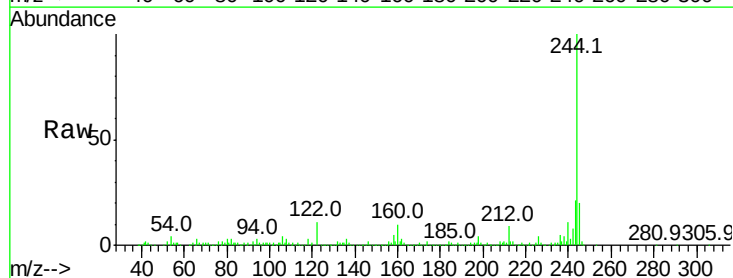
Tgt Ion:244 Resp: 282797

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

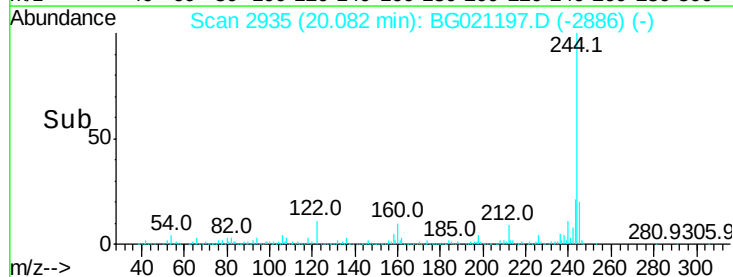
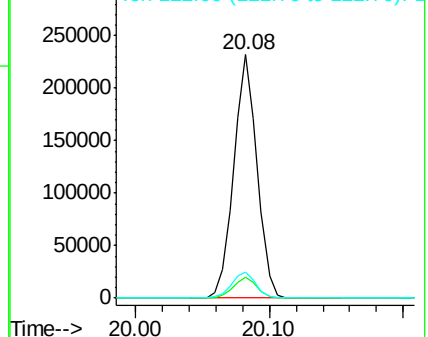
122 10.8 8.3 12.5

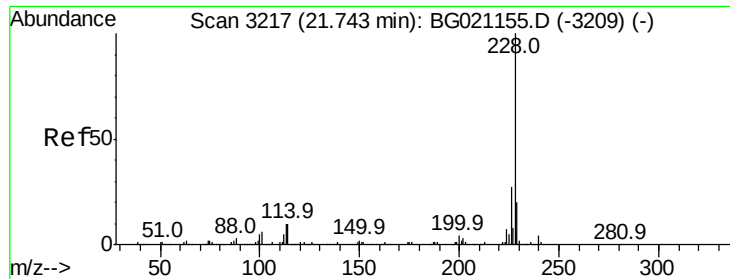


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

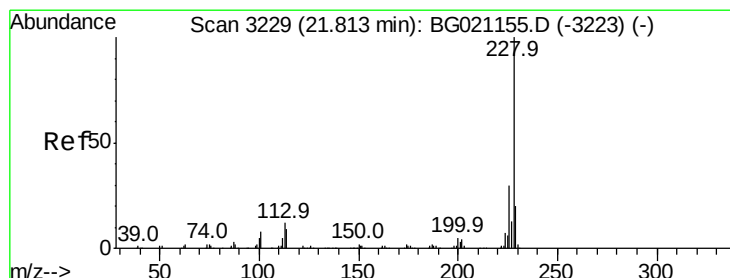
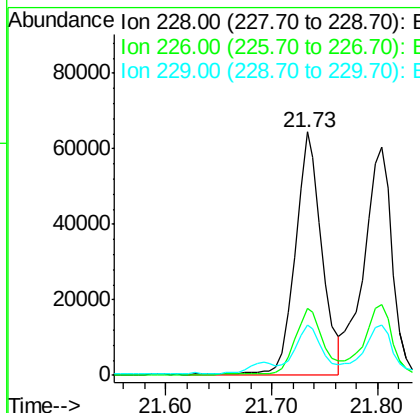
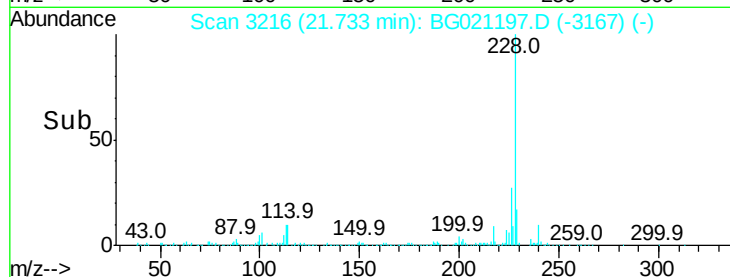
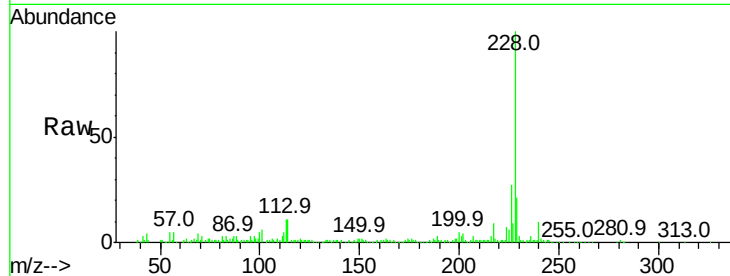




#80
Benzo(a)anthracene
Concen: 23.81 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

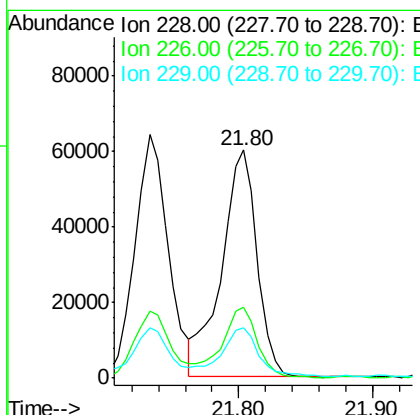
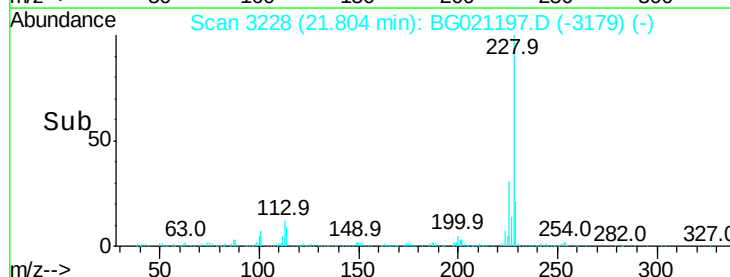
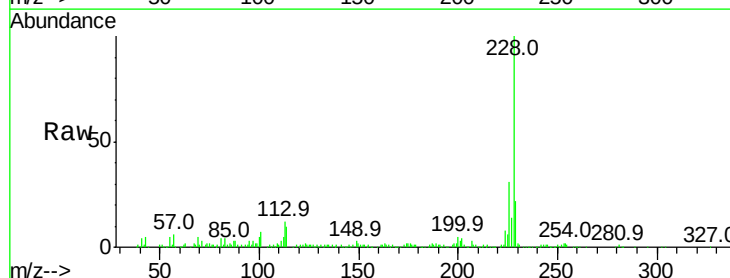
Instrument :
BNA_G
ClientSampleId :
CEB-5(2.5-5)20160223

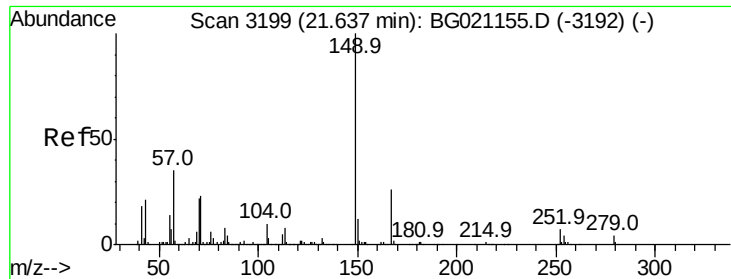
Tot Ion:228 Resp: 111890
Ion Ratio Lower Upper
228 100
226 27.3 22.7 34.1
229 20.6 15.5 23.3



#82
Chrysene
Concen: 25.03 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

Tgt Ion:228 Resp: 111440
Ion Ratio Lower Upper
228 100
226 31.1 23.7 35.5
229 21.9 16.7 25.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 14.13 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

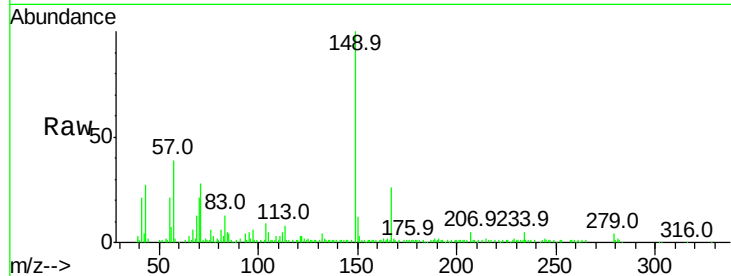
BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

Tot Ion:149 Resp: 50042

Ion	Ratio	Lower	Upper
149	100		
167	25.6	18.9	28.3
279	4.0	3.0	4.6

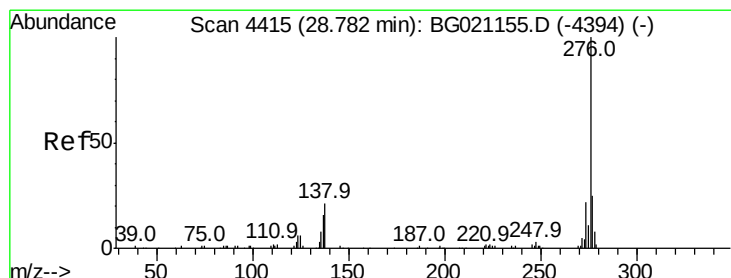
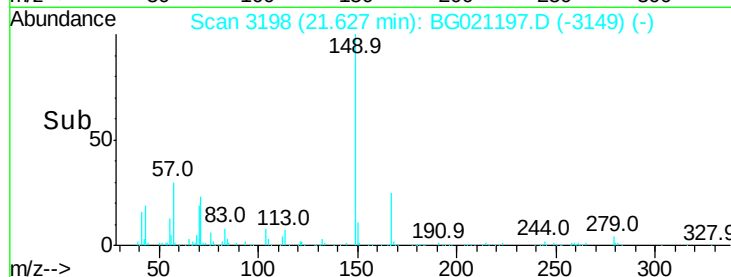
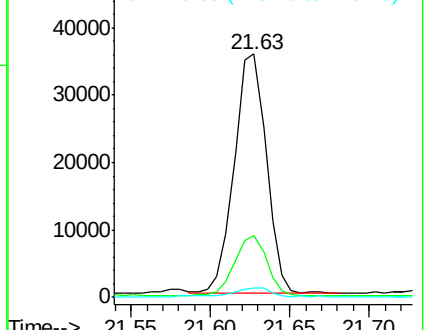


Abundance

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



#85

Indeno(1,2,3-cd)pyrene

Concen: 8.75 ng

RT: 28.75 min Scan# 4411

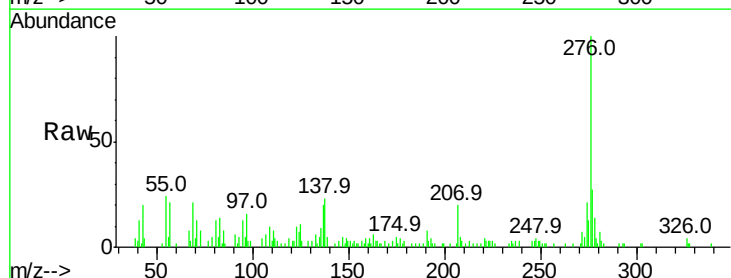
Delta R.T. -0.03 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Tgt Ion:276 Resp: 44697

Ion	Ratio	Lower	Upper
276	100		
138	20.6	0.0	0.0#
277	20.5	0.0	0.0#

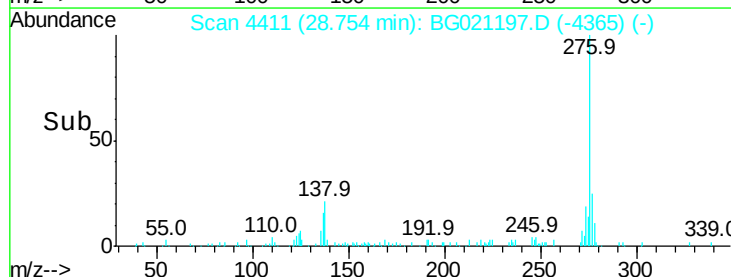
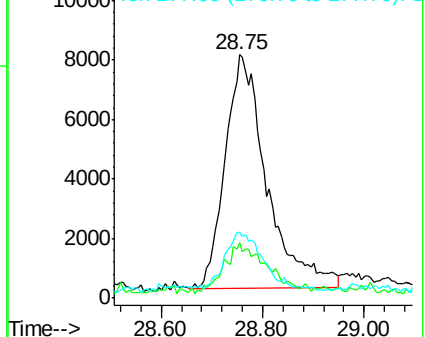


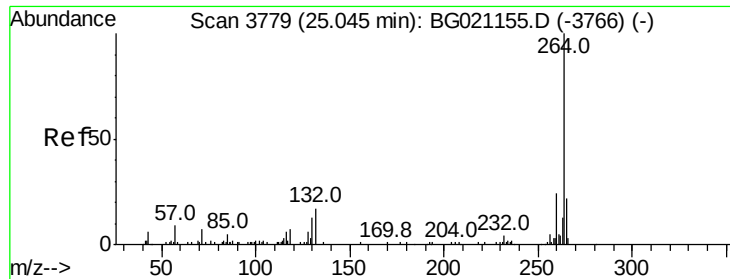
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



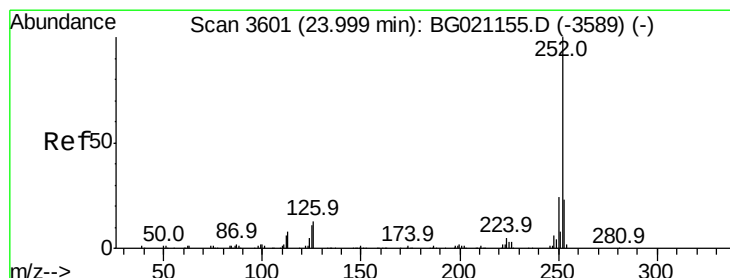
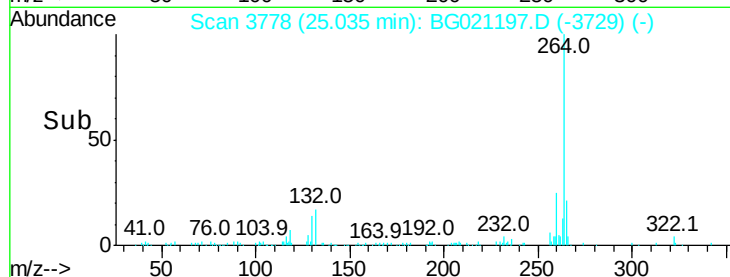
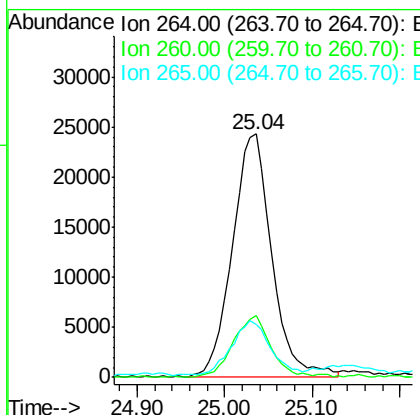
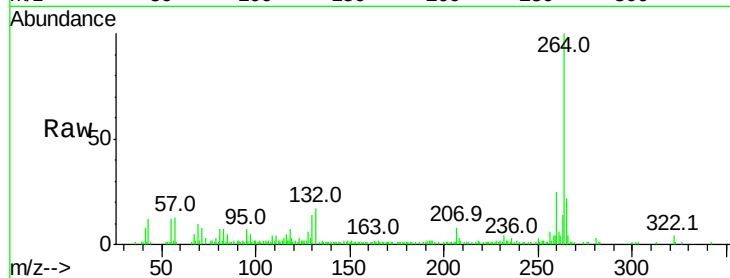


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

Instrument :
BNA_G
ClientSampleId :
CEB-5(2.5-5)20160223

Tot Ion:264 Resp: 74453

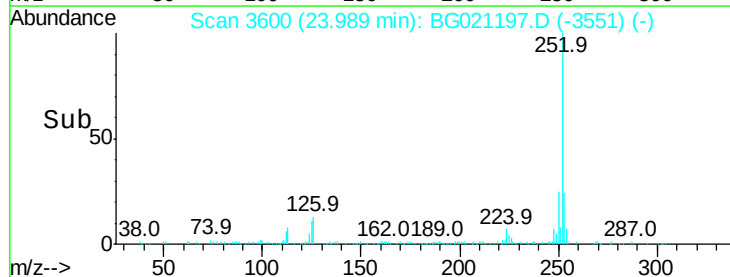
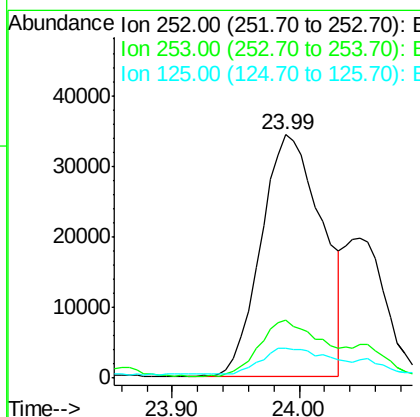
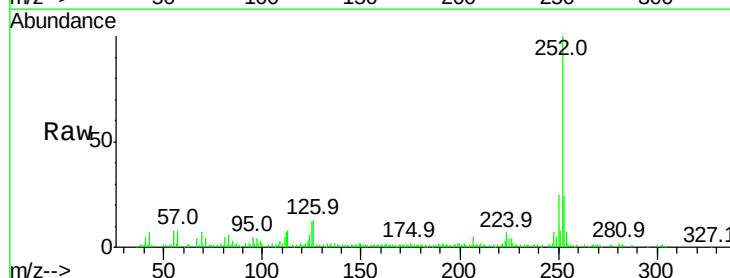
Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.5	27.7
265	21.5	18.6	28.0

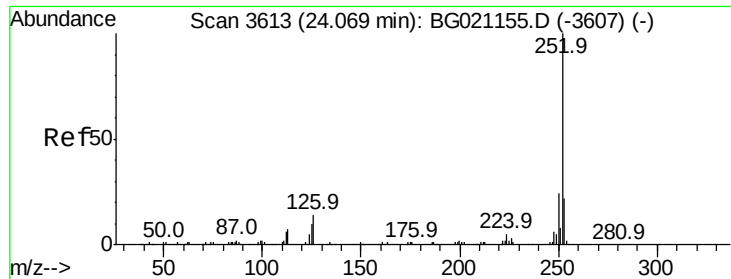


#87
Benzo(b)fluoranthene
Concen: 24.43 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.01 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

Tgt Ion:252 Resp: 114417

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.8	25.2
125	12.3	8.2	12.2#

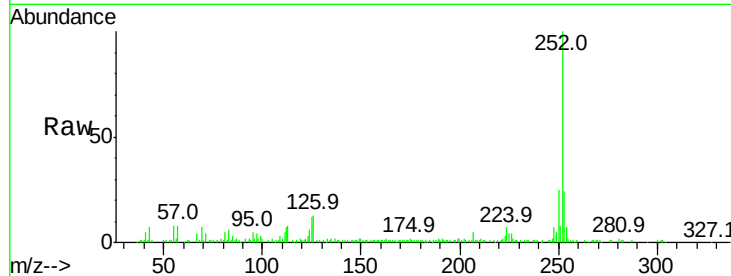




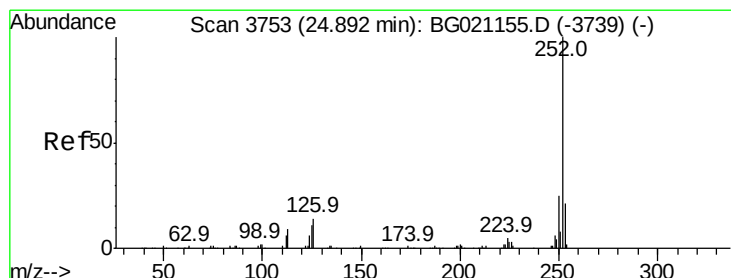
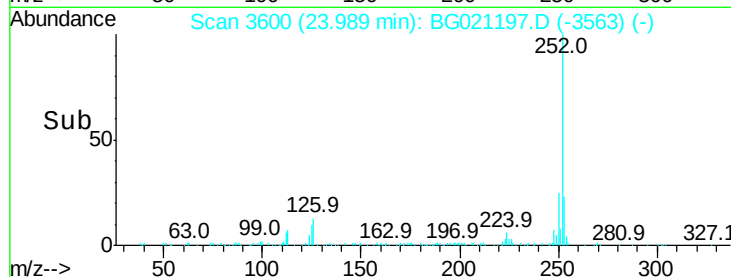
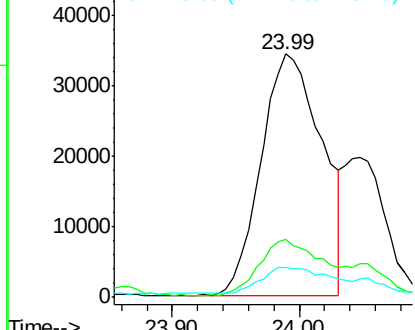
#88
Benzo(k)fluoranthene
Concen: 24.40 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.08 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

Instrument :
BNA_G
ClientSampleId :
CEB-5(2.5-5)20160223

Tot Ion:252 Resp: 114417
Ion Ratio Lower Upper
252 100
253 24.0 16.4 24.6
125 12.3 8.2 12.2#

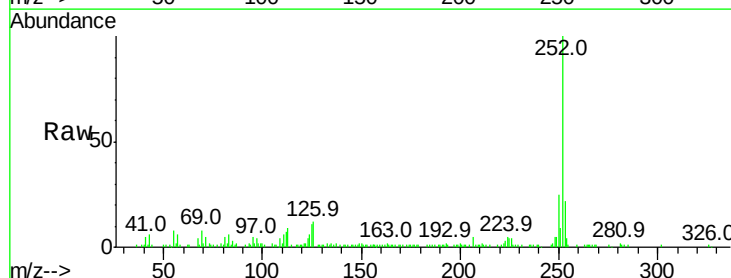


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

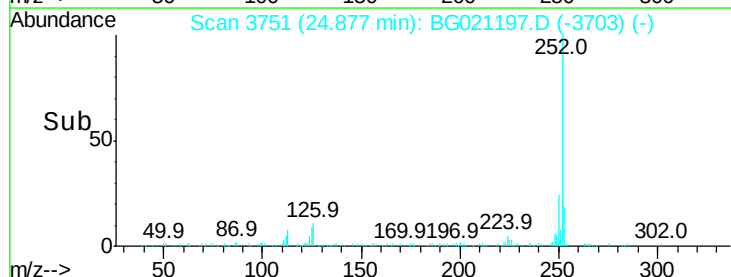
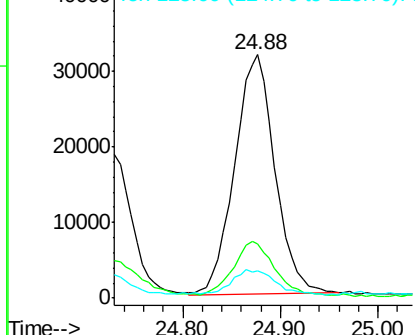


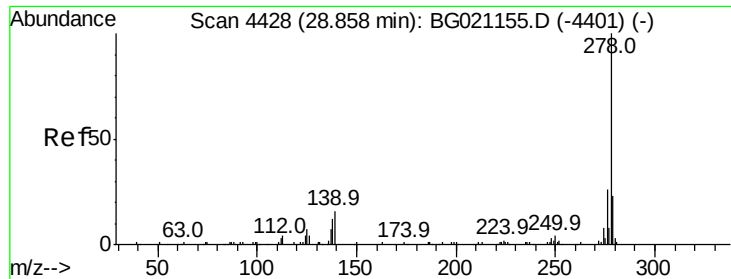
#89
Benzo(a)pyrene
Concen: 20.10 ng
RT: 24.88 min Scan# 3751
Delta R.T. -0.02 min
Lab File: BG021197.D
Acq: 1 Mar 2016 23:43

Tgt Ion:252 Resp: 90989
Ion Ratio Lower Upper
252 100
253 22.5 15.8 23.8
125 11.1 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.60 ng

RT: 28.81 min Scan# 4420

Delta R.T. -0.05 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

Instrument :

BNA_G

ClientSampleId :

CEB-5(2.5-5)20160223

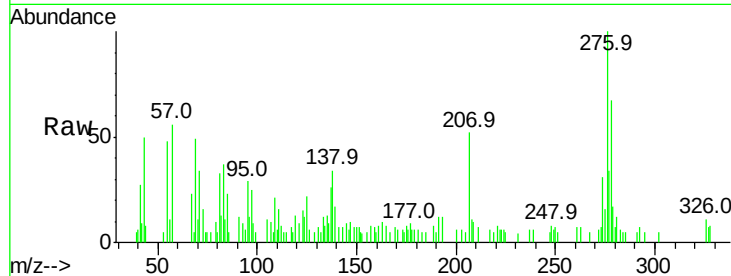
Tot Ion:278 Resp: 11644

Ion Ratio Lower Upper

278 100

139 25.9 10.6 15.8#

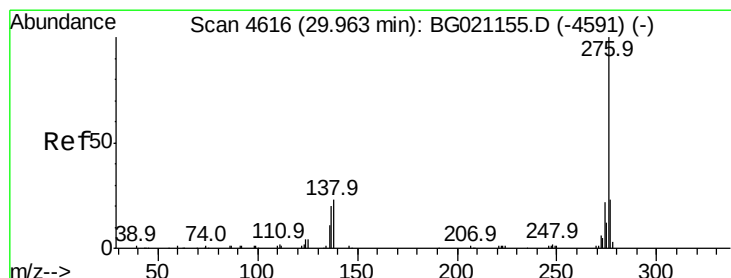
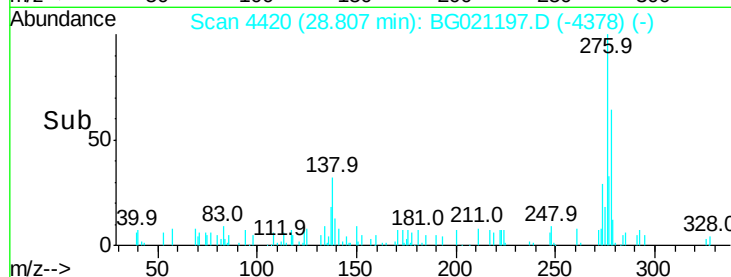
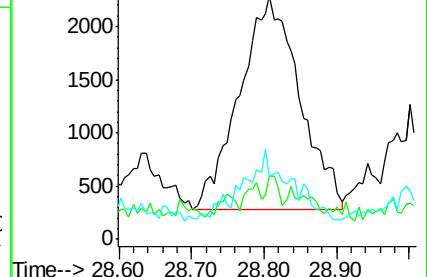
279 26.1 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 9.25 ng

RT: 29.94 min Scan# 4612

Delta R.T. -0.03 min

Lab File: BG021197.D

Acq: 1 Mar 2016 23:43

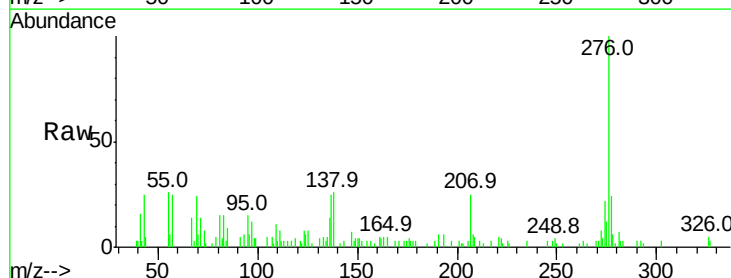
Tgt Ion:276 Resp: 40009

Ion Ratio Lower Upper

276 100

277 24.2 16.6 25.0

138 26.2 14.6 21.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

