

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021196.D
 Acq On : 1 Mar 2016 23:03
 Operator : UM/SJ
 Sample : H1565-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(2.5-5)20160223

Quant Time: Mar 01 23:57:20 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	12904	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	61765	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	36463	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	73176	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	78540	20.00	ng	-0.01
86) Perylene-d12	25.03	264	73778	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	121505	149.69	ng	0.00
7) Phenol-d6	7.30	99	194618	145.81	ng	0.00
23) Nitrobenzene-d5	9.31	82	140209	96.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	44267	116.68	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	242621	94.49	ng	-0.01
78) Terphenyl-d14	20.08	244	310773	95.86	ng	-0.01

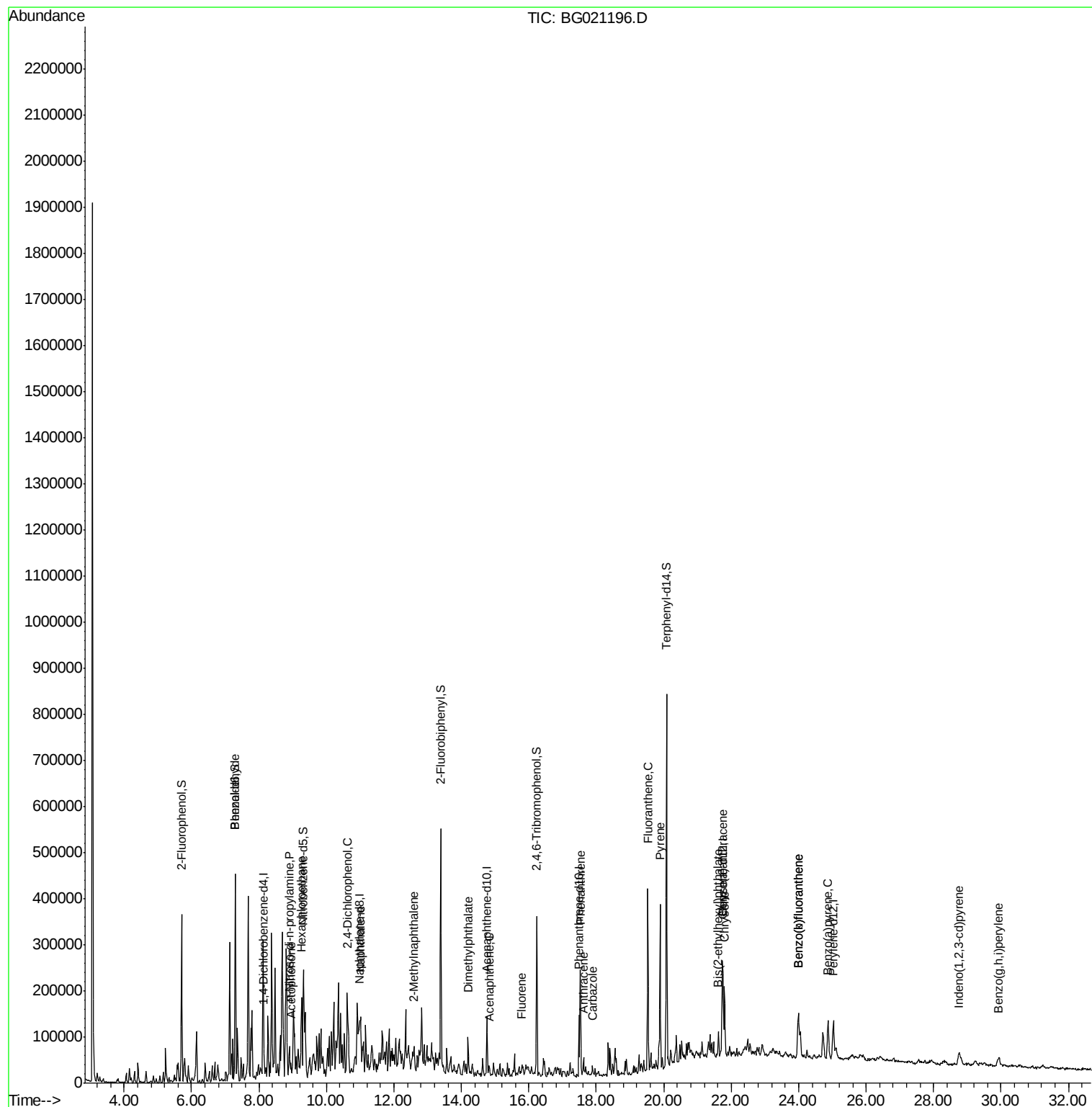
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.29	77	3786	4.54	ng	# 1
18) Hexachloroethane	9.26	117	9712	22.08	ng	# 1
19) n-Nitroso-di-n-propylamine	8.91	70	2495	2.02	ng	# 61
22) Acetophenone	8.95	105	17064	9.28	ng	# 56
29) 2,4-Dichlorophenol	10.62	162	17235	18.38	ng	# 25
31) Naphthalene	11.01	128	21157	6.57	ng	# 78
37) 2-Methylnaphthalene	12.60	142	18172	7.93	ng	# 89
49) Dimethylphthalate	14.20	163	39932	12.29	ng	# 96
51) Acenaphthene	14.82	154	6015	2.49	ng	95
57) Fluorene	15.79	166	10094	3.28	ng	94
70) Phenanthrene	17.53	178	128666	32.58	ng	99
71) Anthracene	17.62	178	23800	5.89	ng	99
72) Carbazole	17.89	167	8943	2.50	ng	96
74) Fluoranthene	19.53	202	213212	45.96	ng	99
77) Pyrene	19.89	202	214880	45.86	ng	98
80) Benzo(a)anthracene	21.73	228	101643	21.86	ng	98
82) Chrysene	21.80	228	97686	22.17	ng	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	18148	5.18	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.75	276	41602	8.23	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	112070	24.15	ng	96
88) Benzo(k)fluoranthene	23.99	252	112409	24.19	ng	96
89) Benzo(a)pyrene	24.87	252	86035	19.18	ng	# 94
91) Benzo(g,h,i)perylene	29.93	276	41249	9.62	ng	# 88

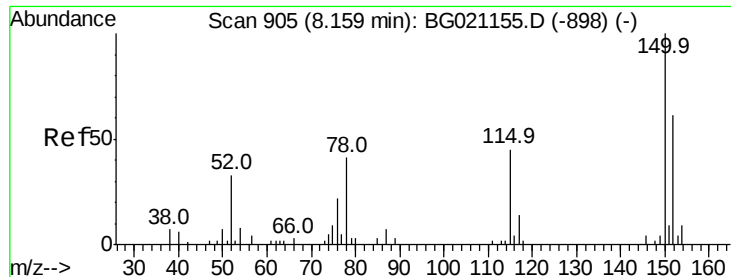
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021196.D

Acq: 1 Mar 2016 23:03

Instrument :

BNA_G

ClientSampleId :

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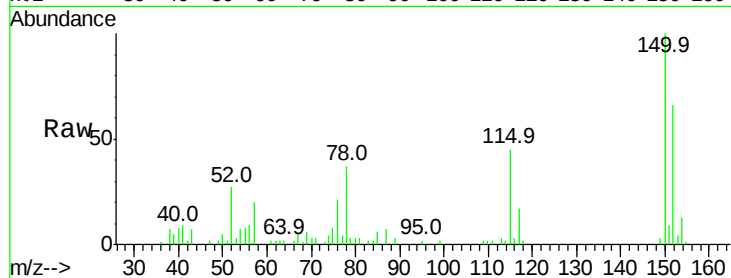
Tot Ion:152 Resp: 12904

Ion Ratio Lower Upper

152 100

150 151.5 123.4 185.2

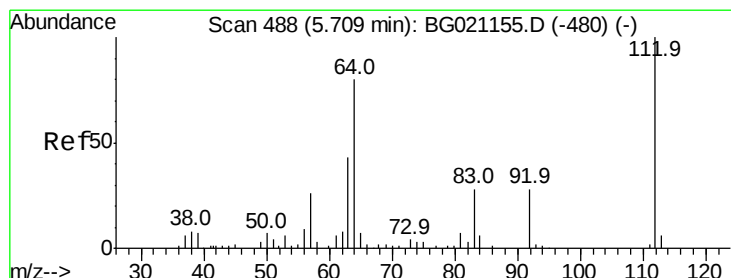
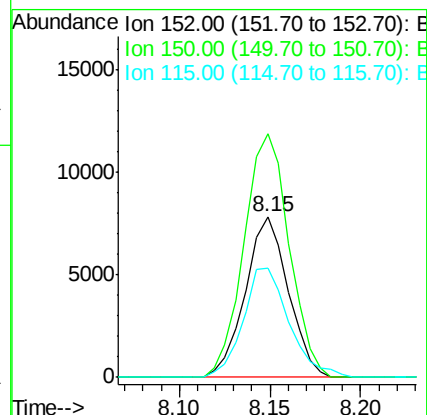
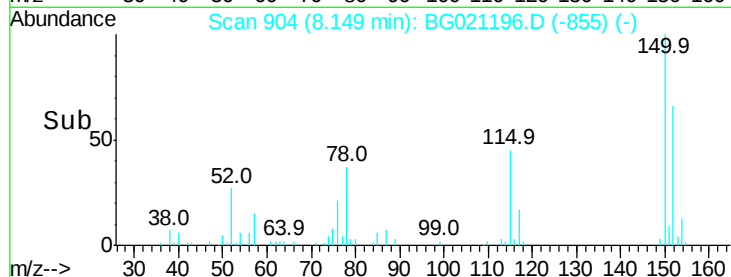
115 67.6 43.3 64.9#



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: 149.69 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

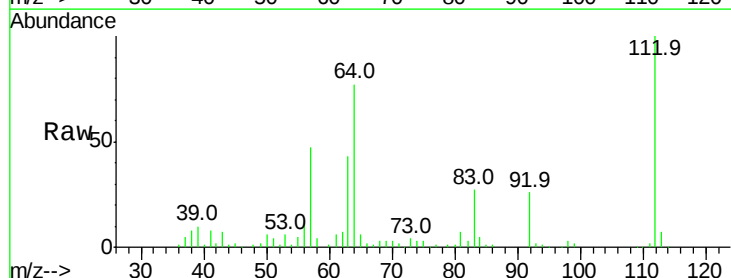
Tgt Ion:112 Resp: 121505

Ion Ratio Lower Upper

112 100

64 77.0 42.6 63.8#

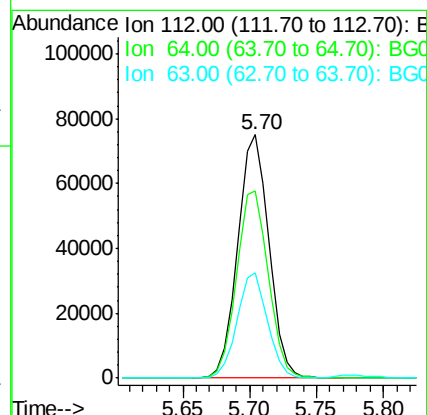
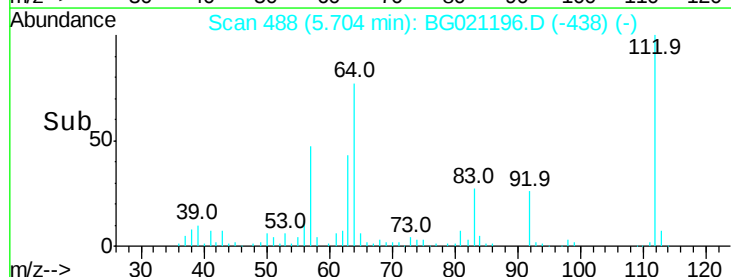
63 43.4 21.7 32.5#

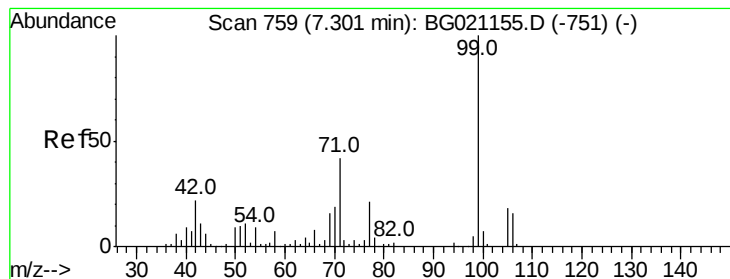


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.81 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

Instrument :

BNA_G

ClientSampleId :

CEB-4(2.5-5)20160223

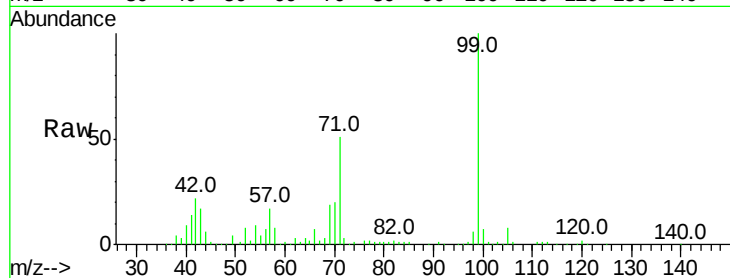
Tot Ion: 99 Resp: 194618

Ion Ratio Lower Upper

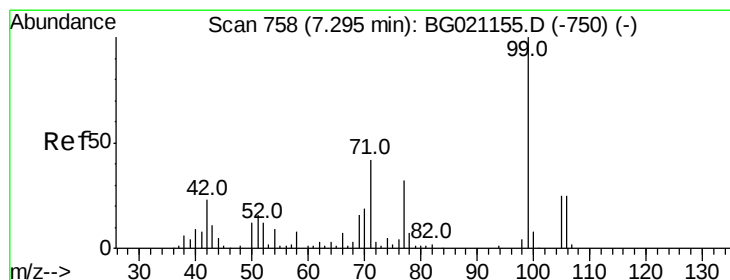
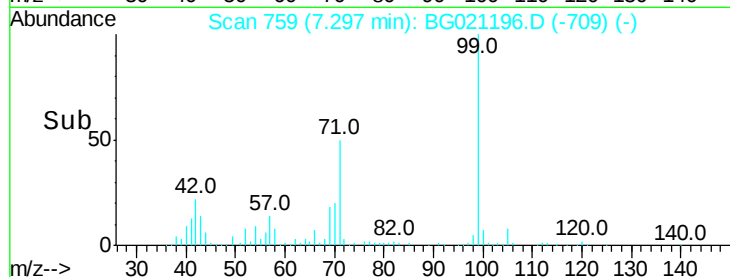
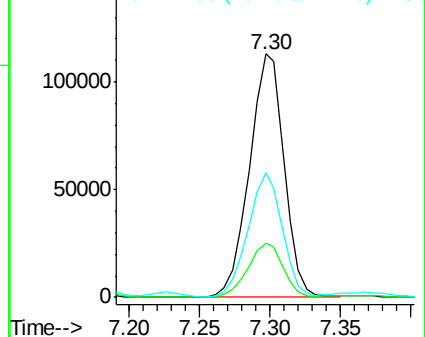
99 100

42 22.3 13.2 19.8#

71 51.2 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: 4.54 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

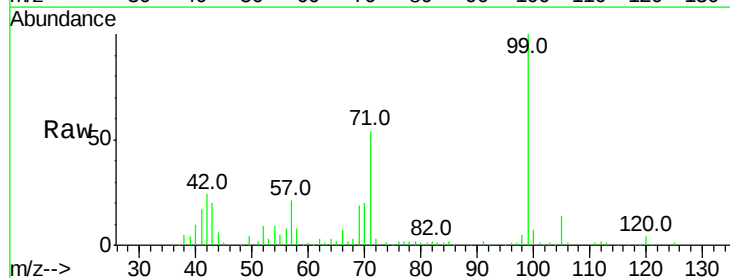
Tgt Ion: 77 Resp: 3786

Ion Ratio Lower Upper

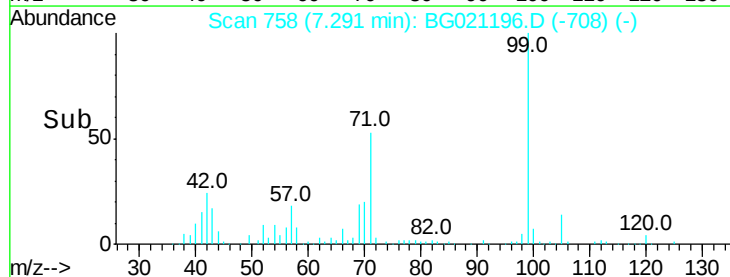
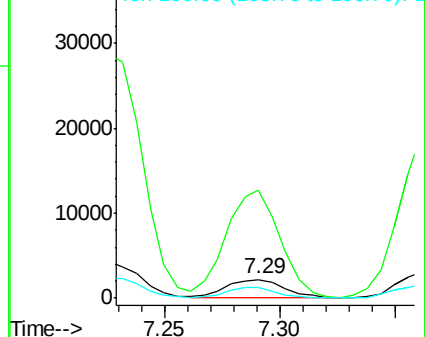
77 100

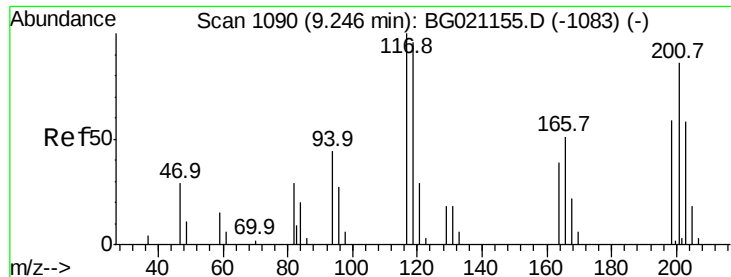
105 573.9 77.4 117.4#

106 59.4 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

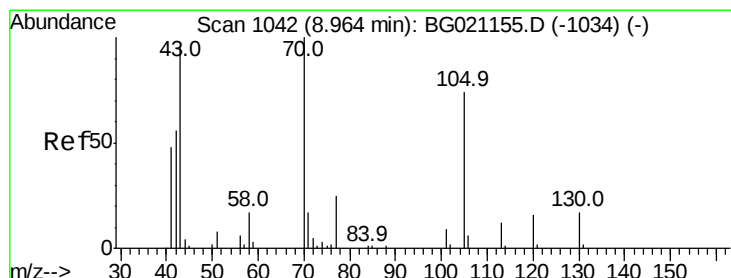
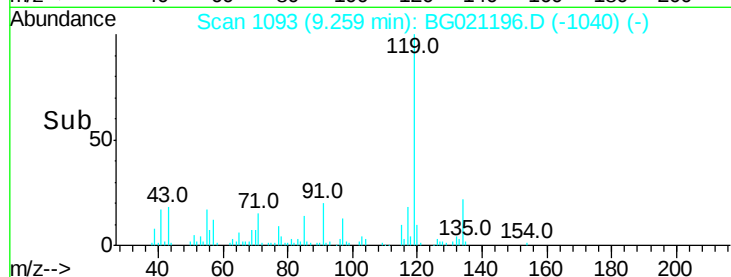
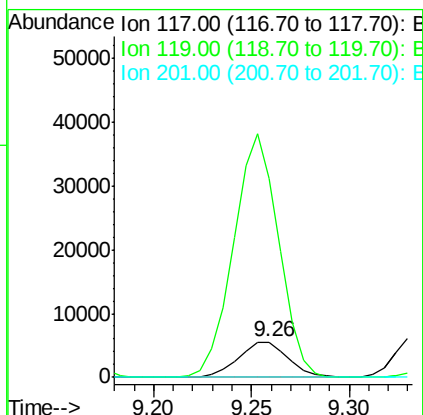
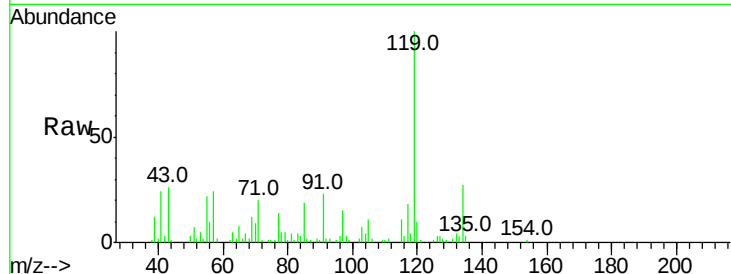




#18
Hexachloroethane
Concen: 22.08 ng
RT: 9.26 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

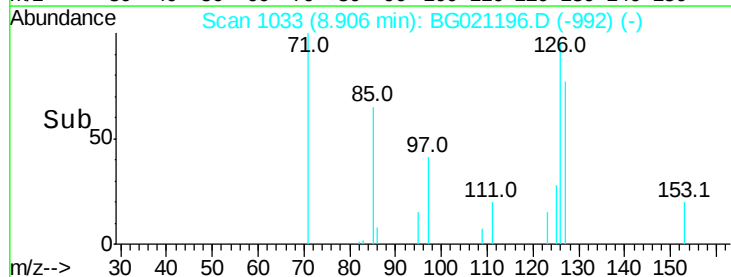
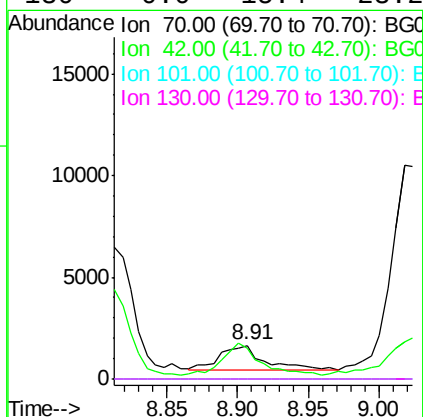
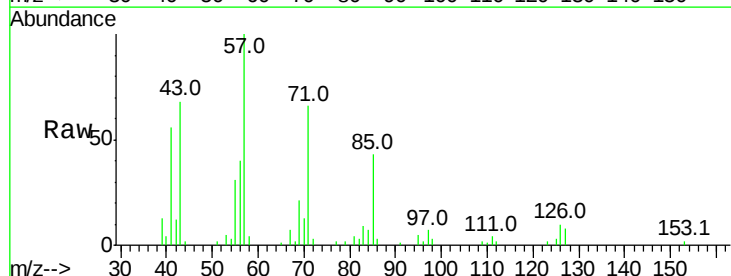
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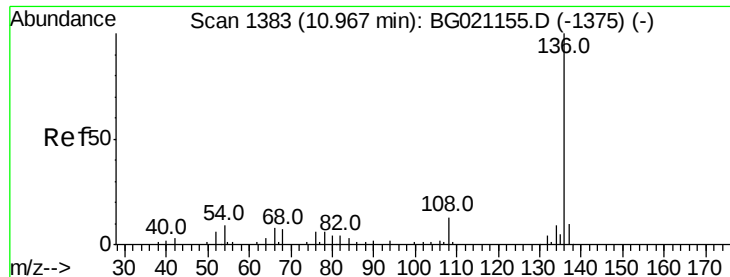
Tot Ion:117 Resp: 9712
Ion Ratio Lower Upper
117 100
119 561.8 74.5 111.7#
201 0.0 68.2 102.4#



#19
n-Nitroso-di-n-propylamine
Concen: 2.02 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

Tgt Ion: 70 Resp: 2495
Ion Ratio Lower Upper
70 100
42 91.3 48.8 73.2#
101 0.0 8.5 12.7#
130 0.0 15.4 23.2#

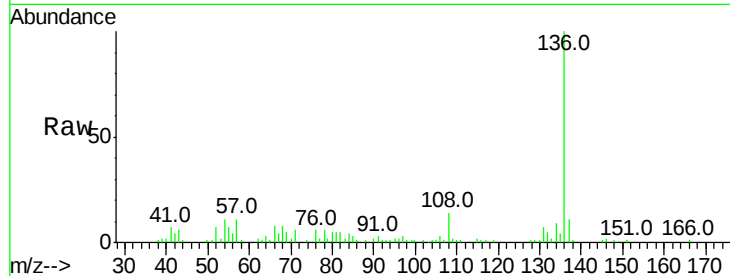




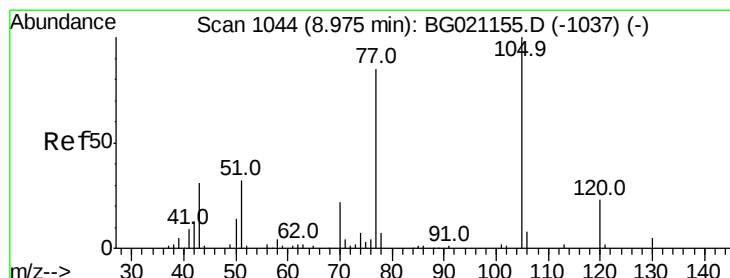
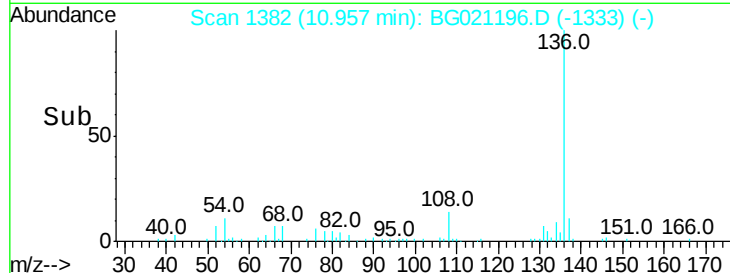
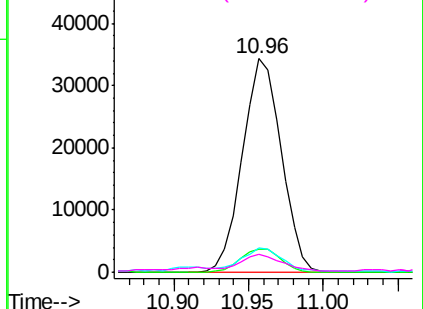
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

Tot Ion:136	Resp:	61765
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	11.2	6.9 10.3#
68	8.4	5.8 8.6



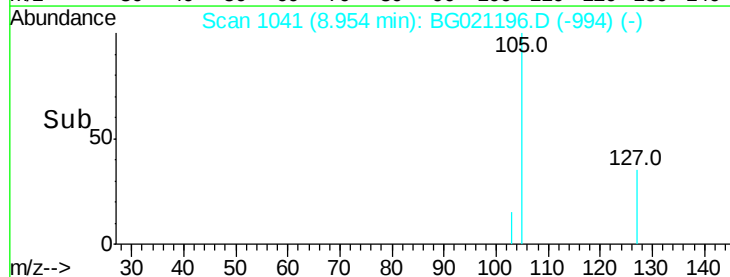
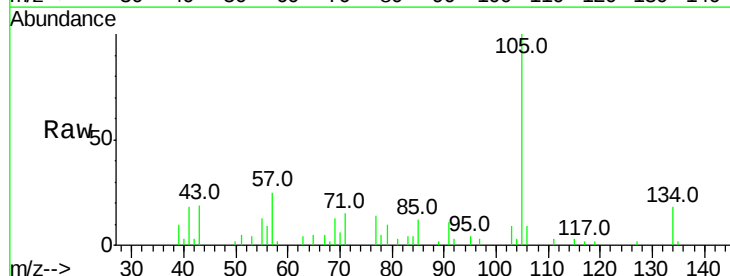
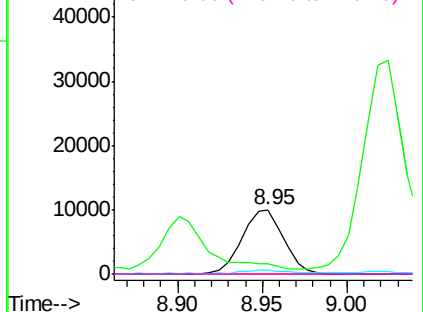
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

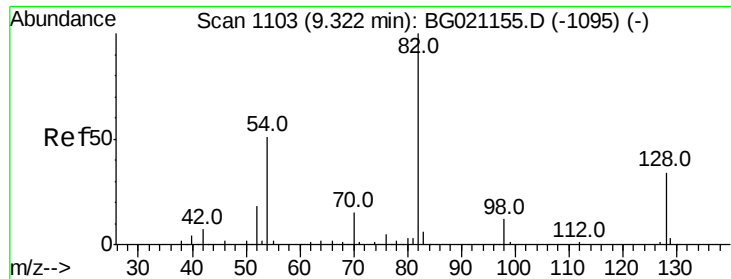


#22
Acetophenone
Concen: 9.28 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

Tgt Ion:105	Resp:	17064
Ion Ratio	Lower	Upper
105	100	
71	15.0	0.0 0.0#
51	5.1	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

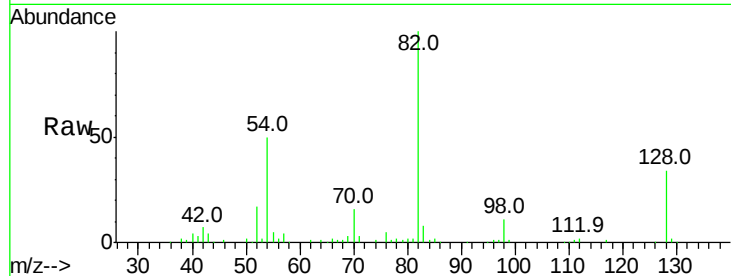




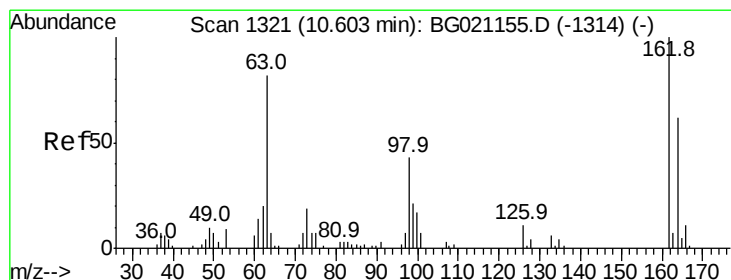
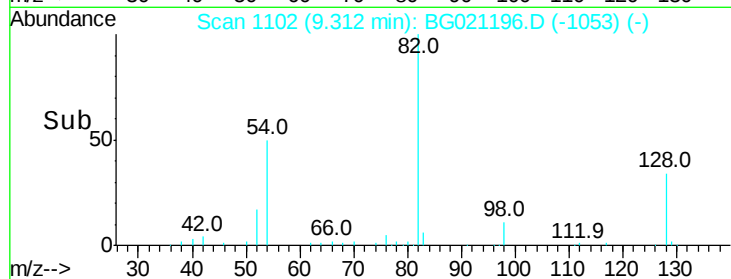
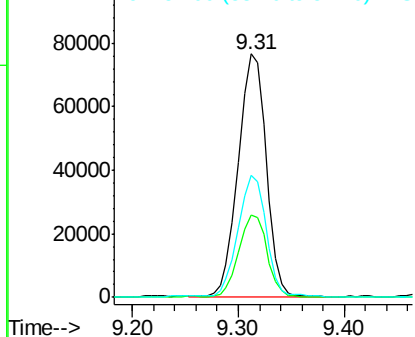
#23
Nitrobenzene-d5
Concen: 96.06 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

Instrument :
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ClientSampleId :
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Tot Ion: 82 Resp: 140209
Ion Ratio Lower Upper
82 100
128 33.8 36.3 54.5#
54 50.3 37.6 56.4

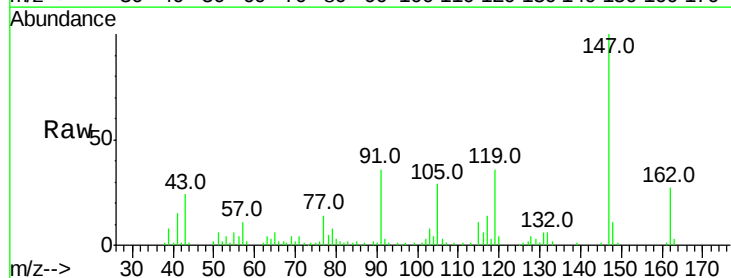


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

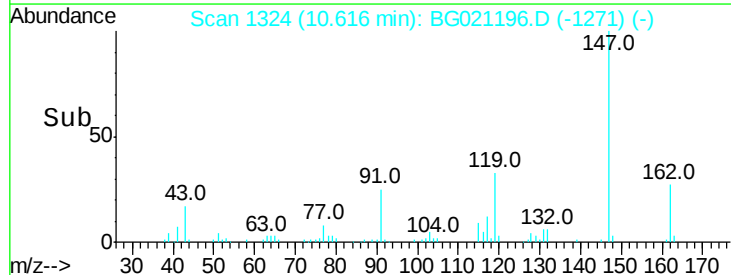
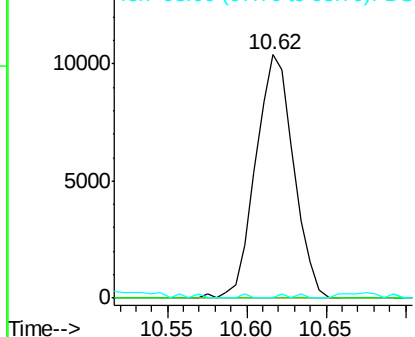


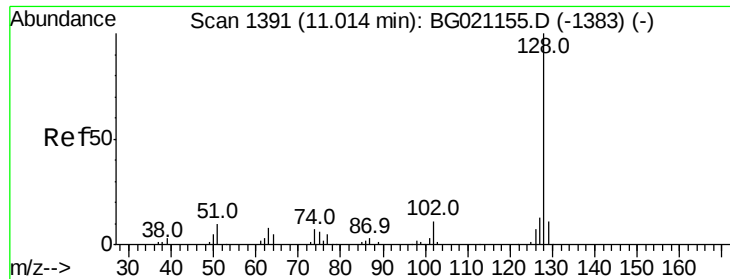
#29
2,4-Dichlorophenol
Concen: 18.38 ng
RT: 10.62 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

Tgt Ion:162 Resp: 17235
Ion Ratio Lower Upper
162 100
164 0.0 43.7 83.7#
98 0.0 18.3 58.3#



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





#31

Naphthalene

Concen: 6.57 ng

RT: 11.01 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

Instrument :

BNA_G

ClientSampleId :

CEB-4(2.5-5)20160223

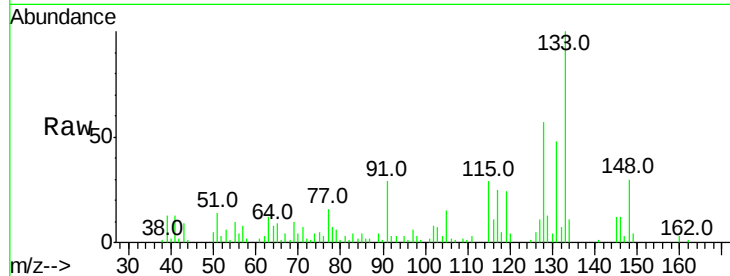
Tot Ion:128 Resp: 21157

Ion Ratio Lower Upper

128 100

129 23.6 9.4 14.2#

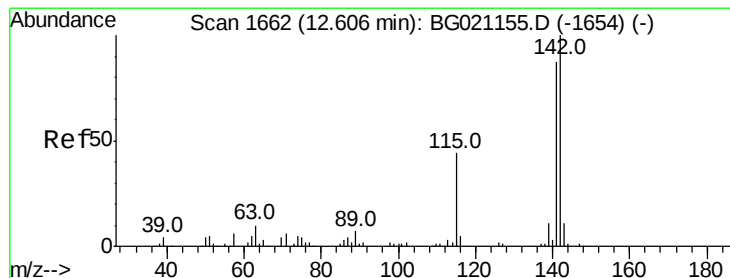
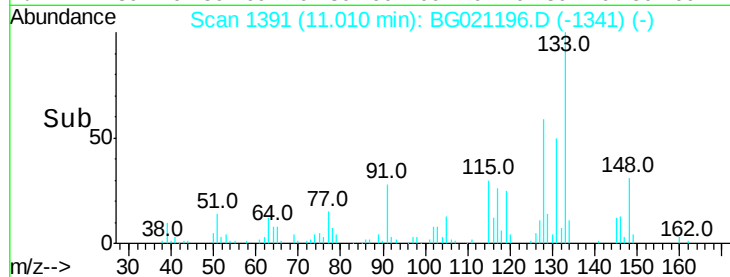
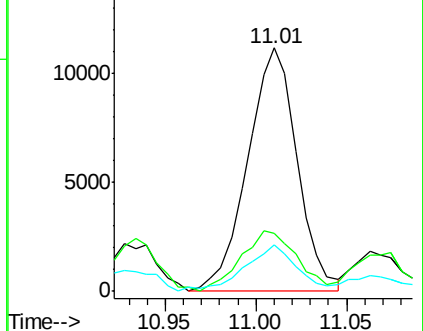
127 19.1 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 7.93 ng

RT: 12.60 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

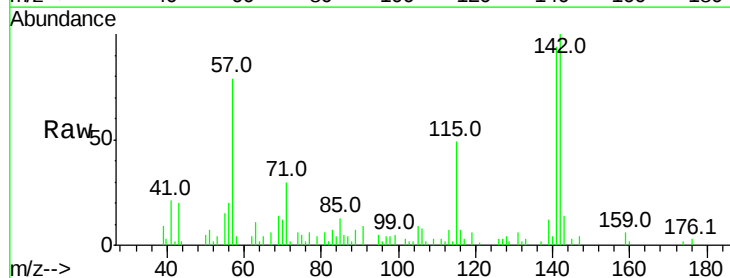
Tgt Ion:142 Resp: 18172

Ion Ratio Lower Upper

142 100

141 94.5 71.7 107.5

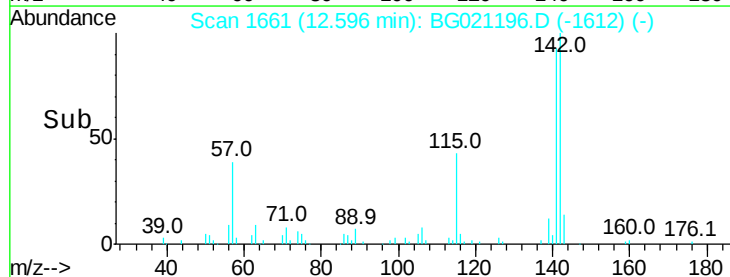
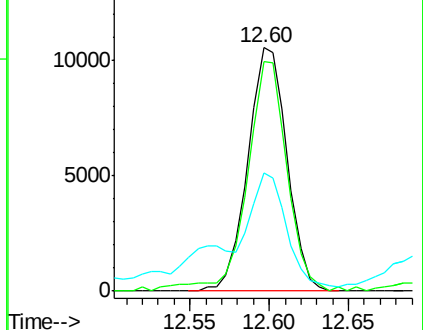
115 48.5 26.2 39.4#

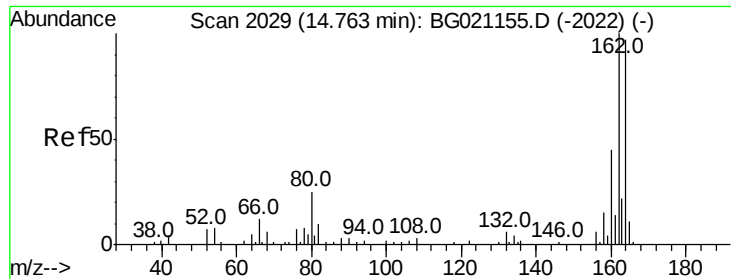


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

Instrument :

BNA_G

ClientSampleId :

CEB-4(2.5-5)20160223

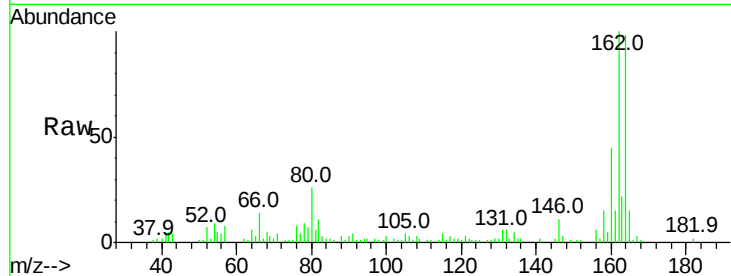
Tot Ion:164 Resp: 36463

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

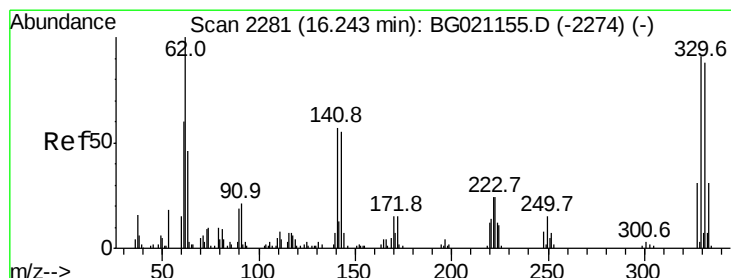
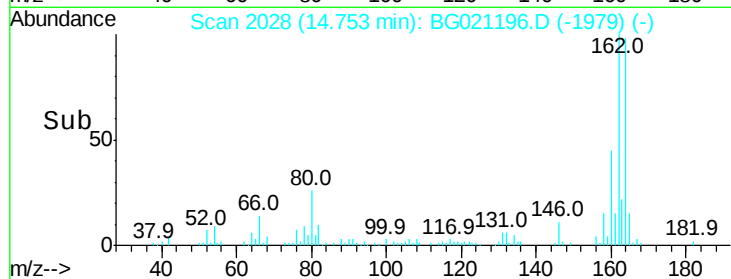
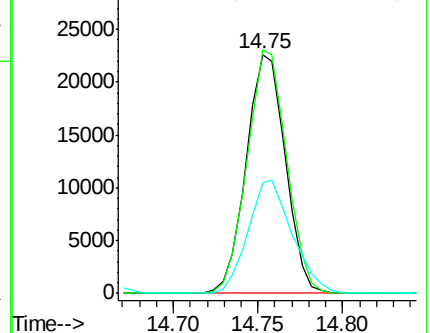
160 46.0 36.5 54.7



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: 116.68 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

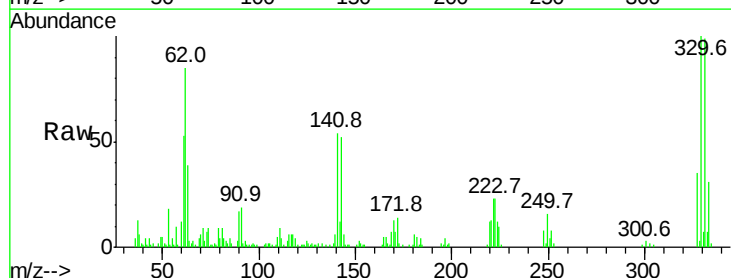
Tgt Ion:330 Resp: 44267

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.0

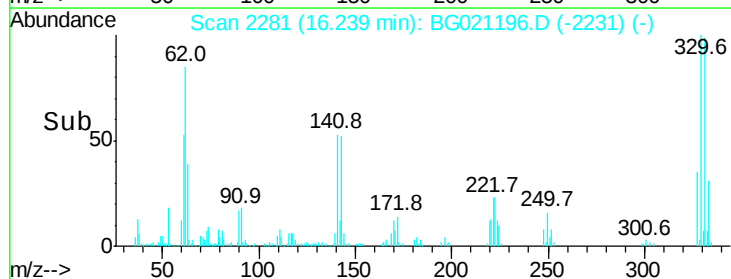
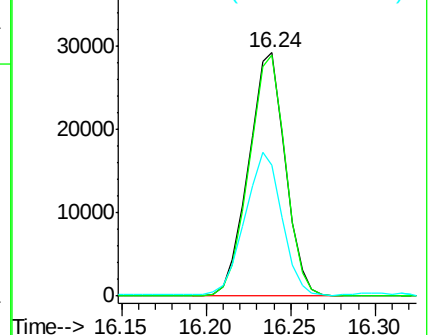
141 59.8 35.3 52.9#

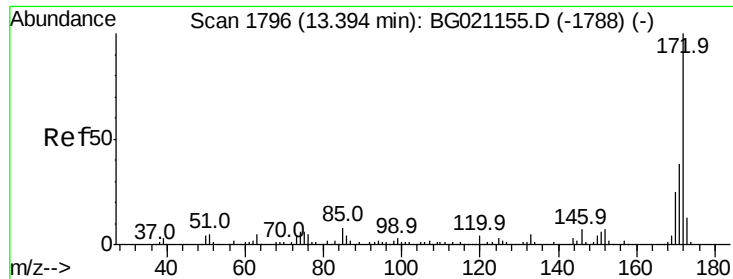


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

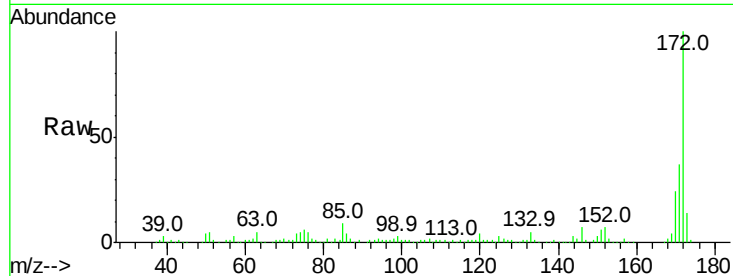




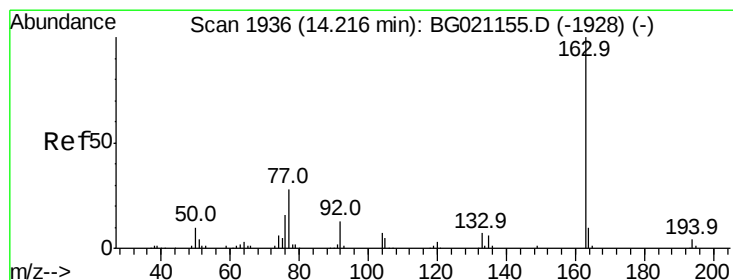
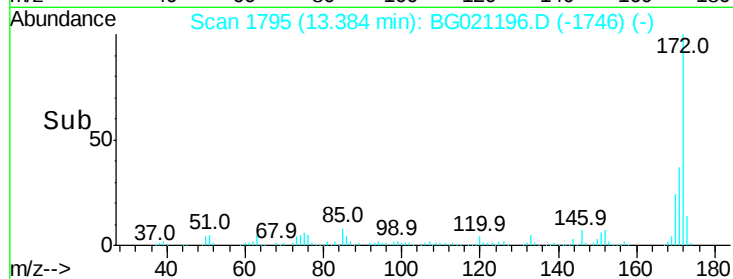
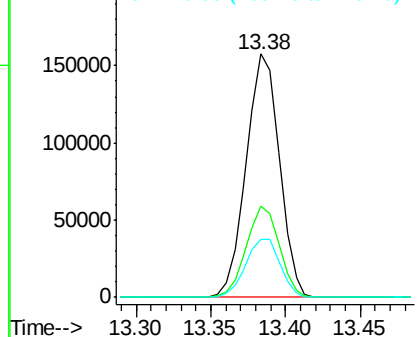
#44
2-Fluorobiphenyl
Concen: 94.49 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

Tot Ion:172 Resp: 242621
Ion Ratio Lower Upper
172 100
171 37.4 29.4 44.0
170 23.9 19.8 29.8

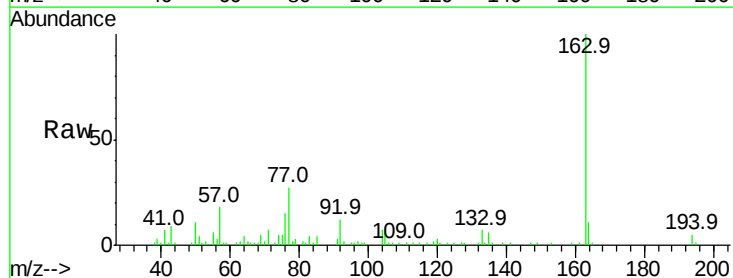


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

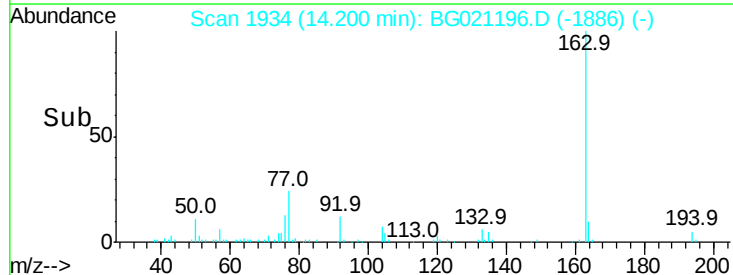
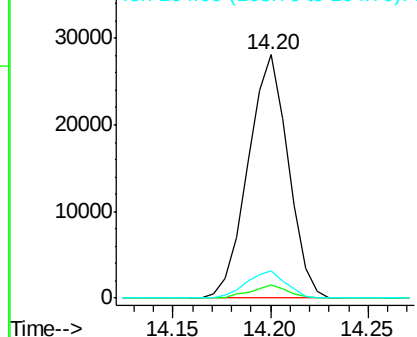


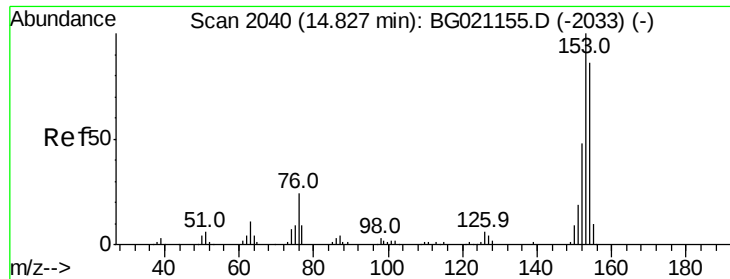
#49
Dimethylphthalate
Concen: 12.29 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

Tgt Ion:163 Resp: 39932
Ion Ratio Lower Upper
163 100
194 5.3 2.8 4.2#
164 11.1 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: 2.49 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

Instrument :

BNA_G

ClientSampleId :

CEB-4(2.5-5)20160223

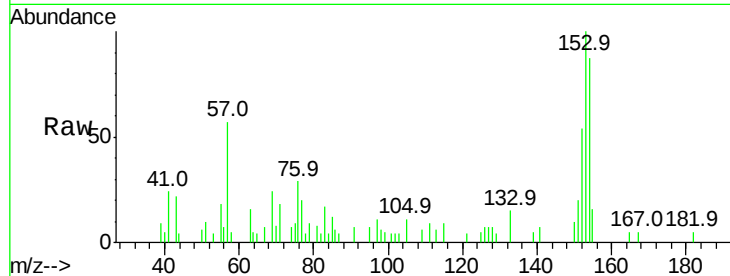
Tot Ion:154 Resp: 6015

Ion Ratio Lower Upper

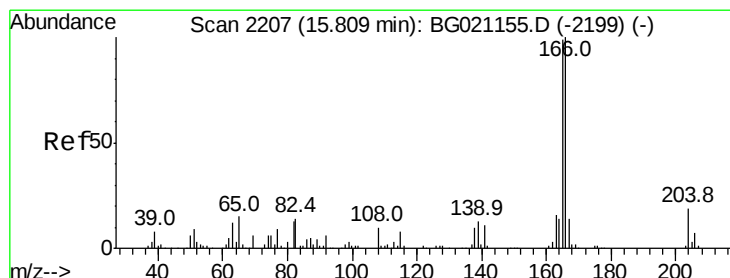
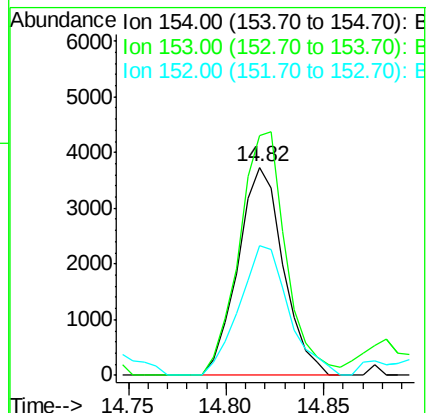
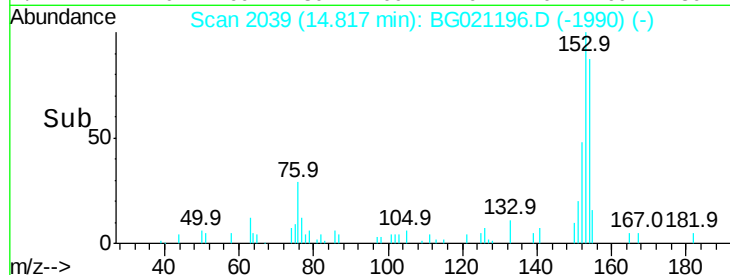
154 100

153 115.1 94.2 141.2

152 62.2 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



#57

Fluorene

Concen: 3.28 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

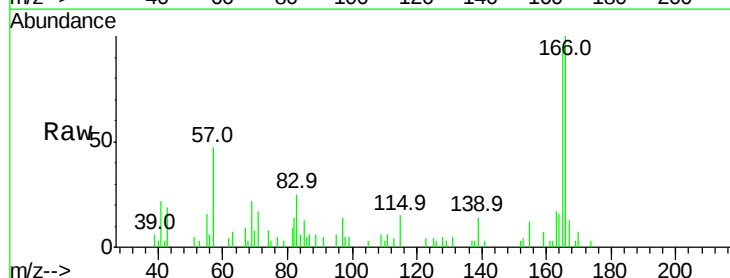
Tgt Ion:166 Resp: 10094

Ion Ratio Lower Upper

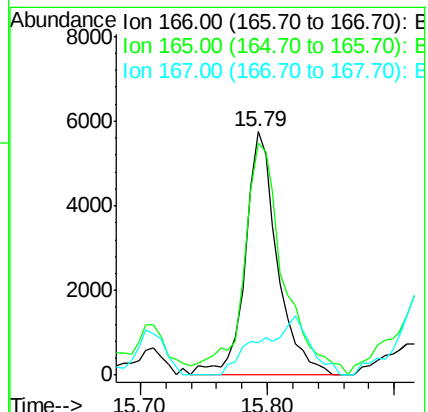
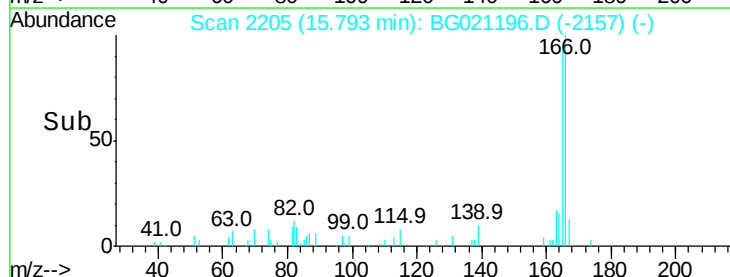
166 100

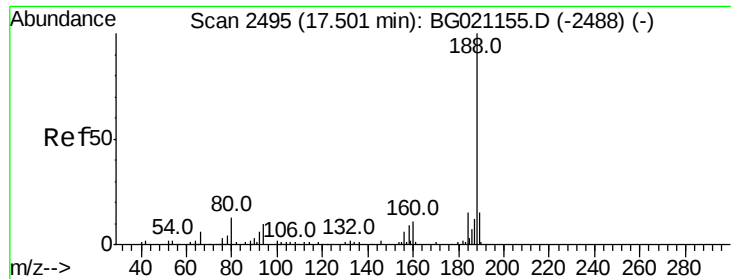
165 95.3 81.3 121.9

167 13.4 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: BG021196.D

Acq: 1 Mar 2016 23:03

Instrument :

BNA_G

ClientSampleId :

CEB-4(2.5-5)20160223

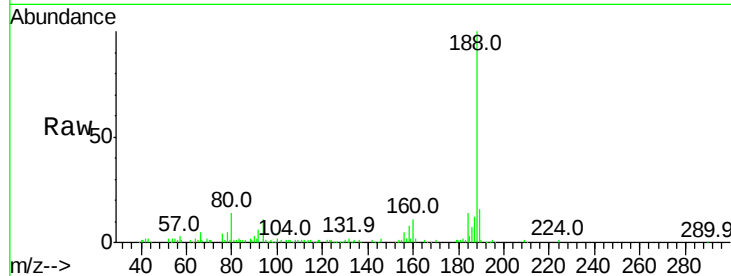
Tot Ion:188 Resp: 73176

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.4

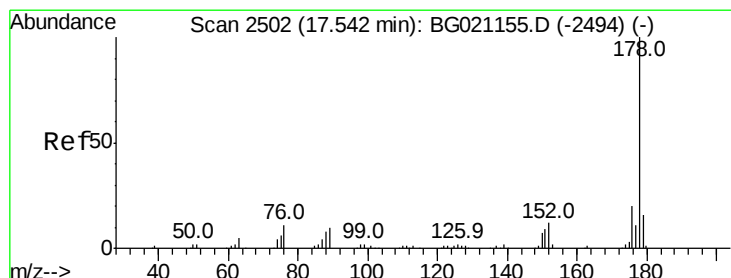
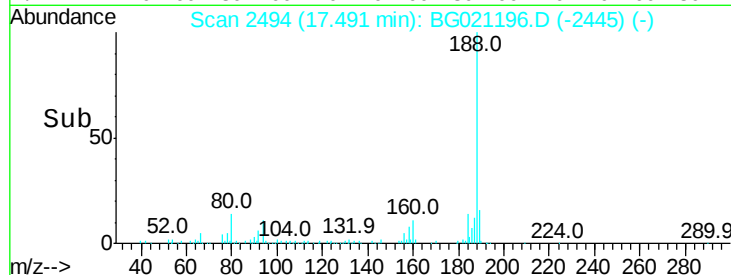
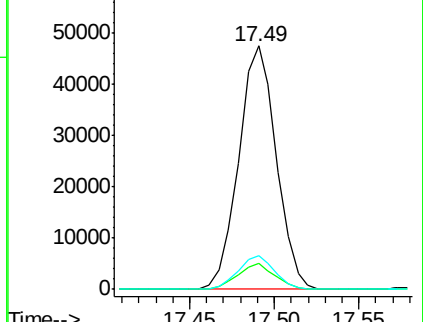
80 13.6 9.2 13.8



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



#70

Phenanthrene

Concen: 32.58 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

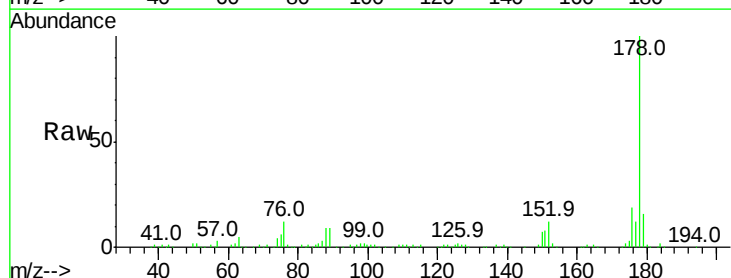
Tgt Ion:178 Resp: 128666

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

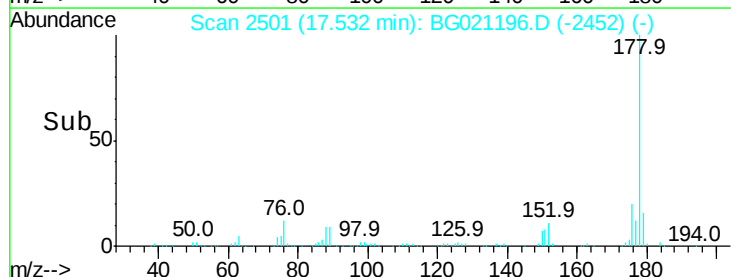
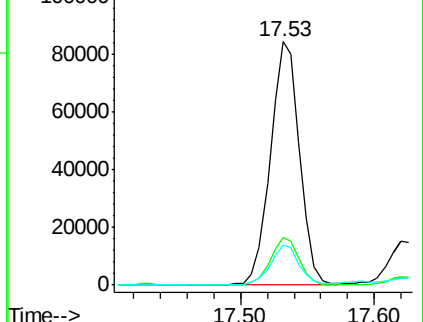
179 16.3 12.9 19.3

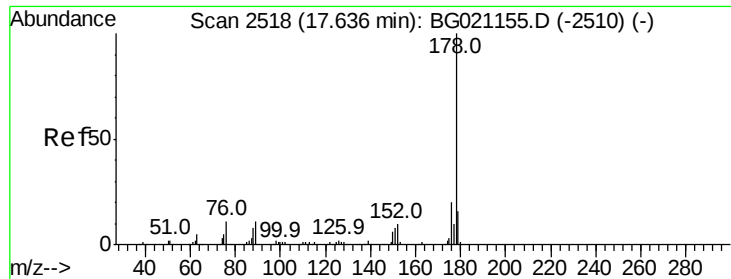


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

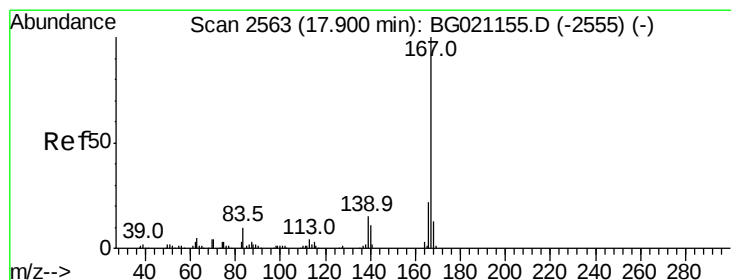
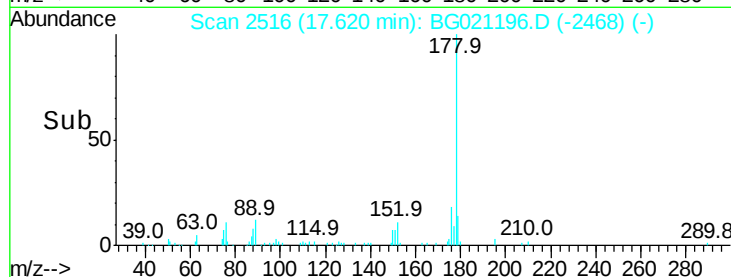
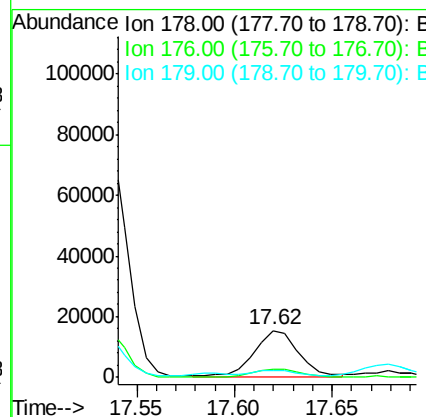
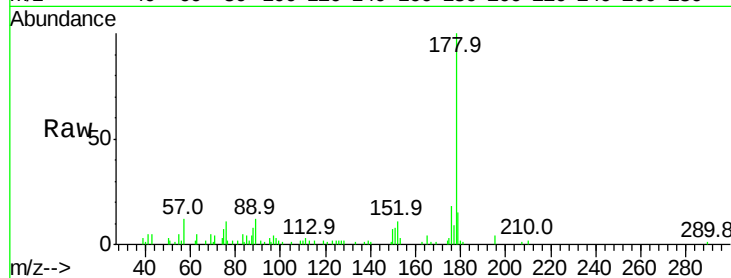




#71
 Anthracene
 Concen: 5.89 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG021196.D
 Acq: 1 Mar 2016 23:03

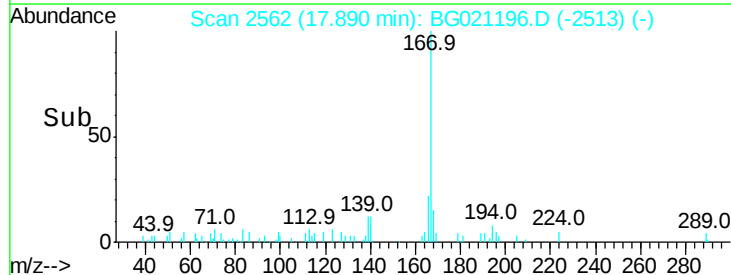
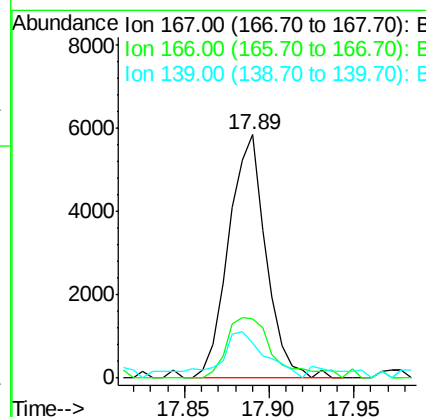
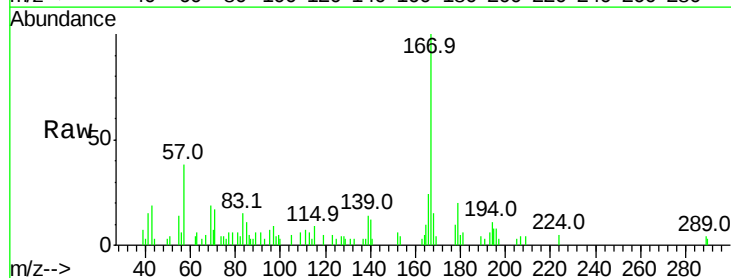
Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(2.5-5)20160223

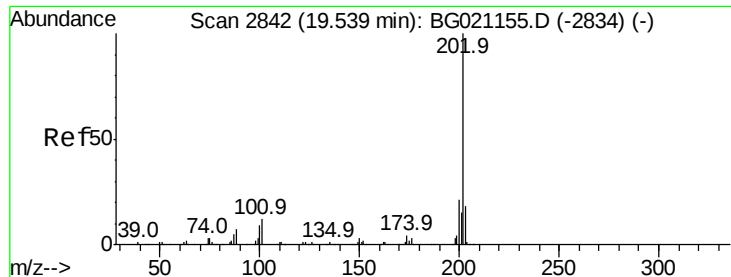
Tot Ion:178 Resp: 23800
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 2.50 ng
 RT: 17.89 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG021196.D
 Acq: 1 Mar 2016 23:03

Tgt Ion:167 Resp: 8943
 Ion Ratio Lower Upper
 167 100
 166 24.2 17.5 26.3
 139 14.4 10.3 15.5





#74

Fluoranthene

Concen: 45.96 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

Instrument :

BNA_G

ClientSampleId :

CEB-4(2.5-5)20160223

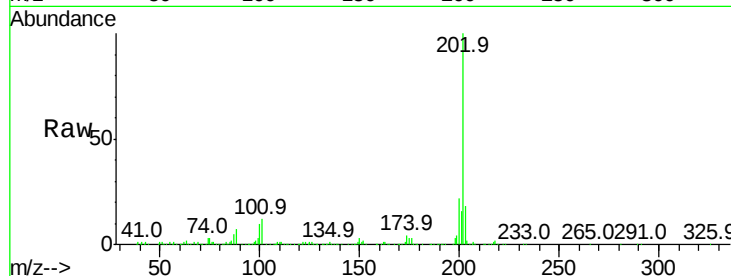
Tot Ion:202 Resp: 213212

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.5

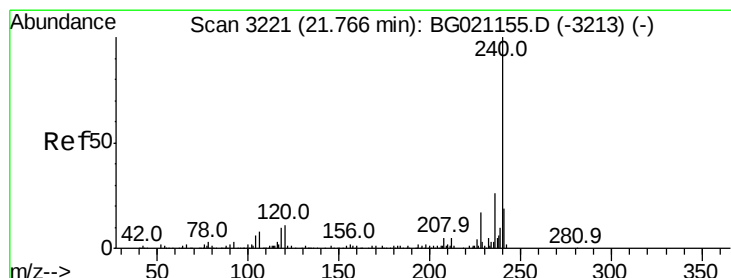
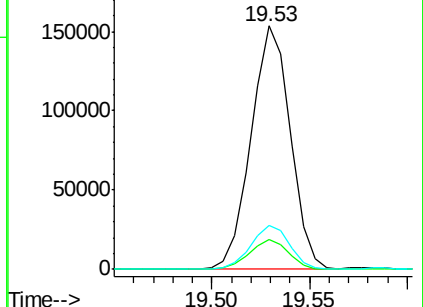
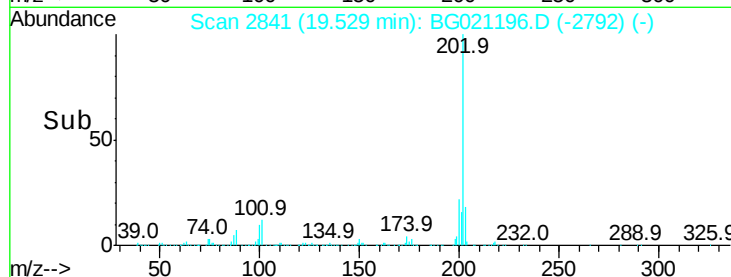
203 18.0 0.0 37.6



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: BG021196.D

Acq: 1 Mar 2016 23:03

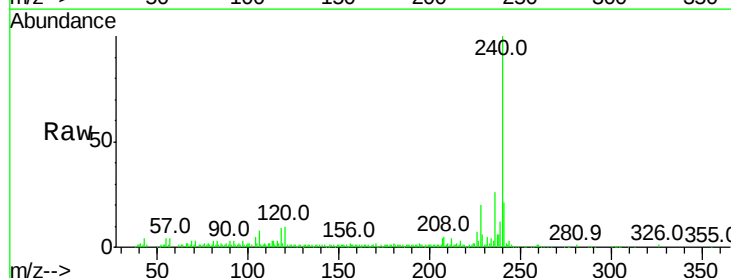
Tgt Ion:240 Resp: 78540

Ion Ratio Lower Upper

240 100

120 10.1 7.5 11.3

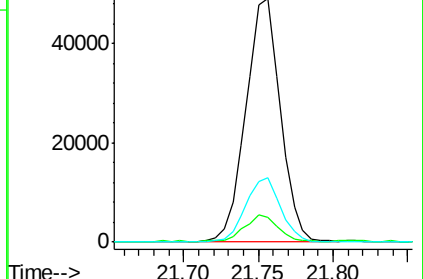
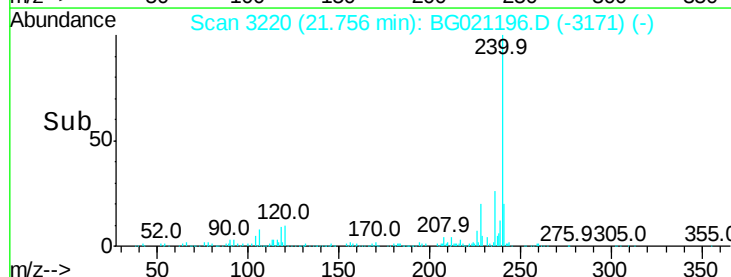
236 26.4 20.5 30.7

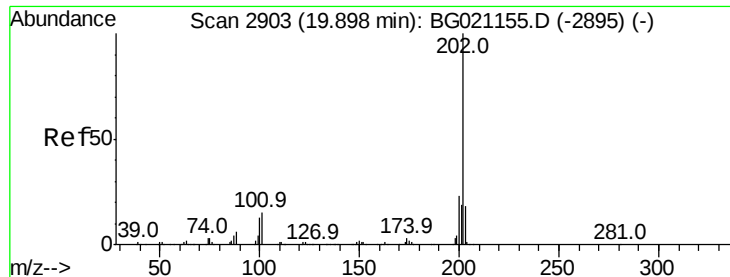


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

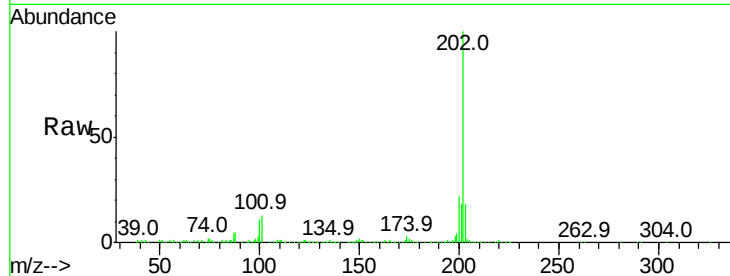




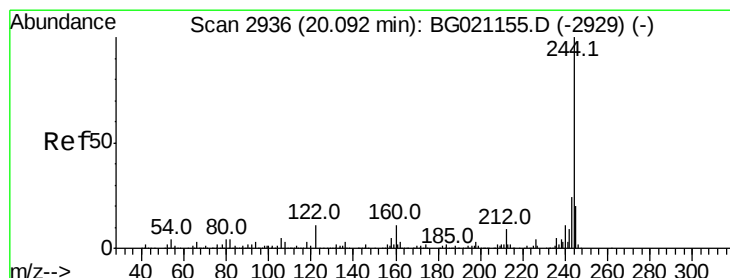
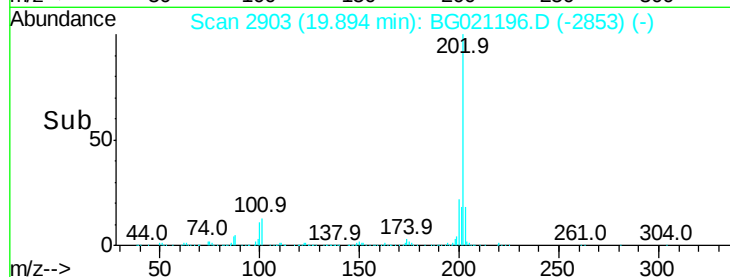
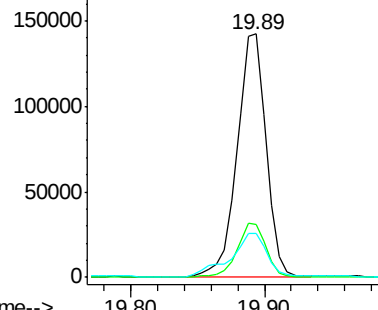
#77
Pvrene
Concen: 45.86 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

Tot Ion:	202	Resp:	214880
Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	18.0	13.8	20.8

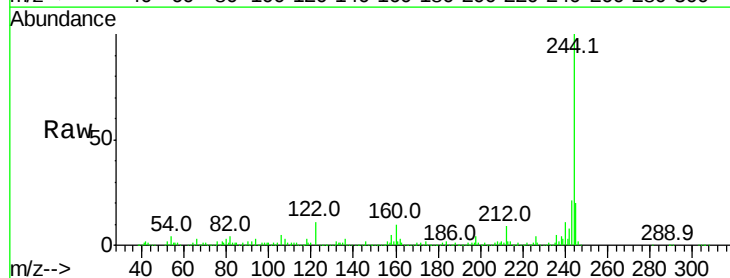


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

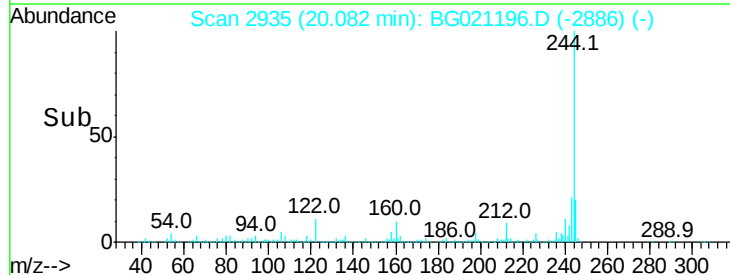
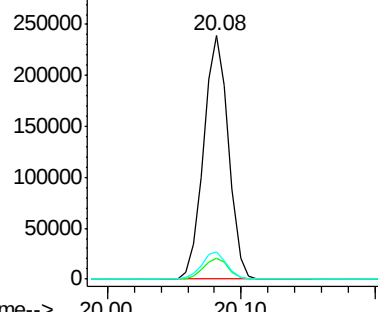


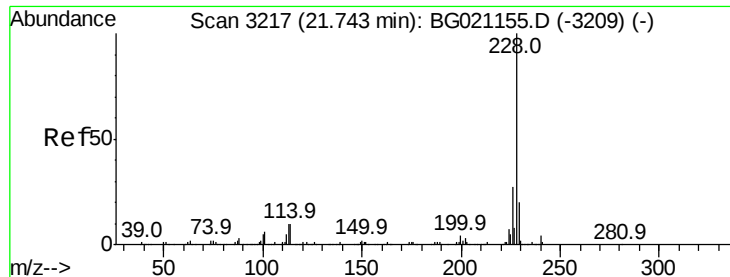
#78
Terphenyl-d14
Concen: 95.86 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

Tgt Ion:	244	Resp:	310773
Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.6#
122	11.0	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: 21.86 ng

RT: 21.73 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

Instrument :

BNA_G

ClientSampleId :

CEB-4(2.5-5)20160223

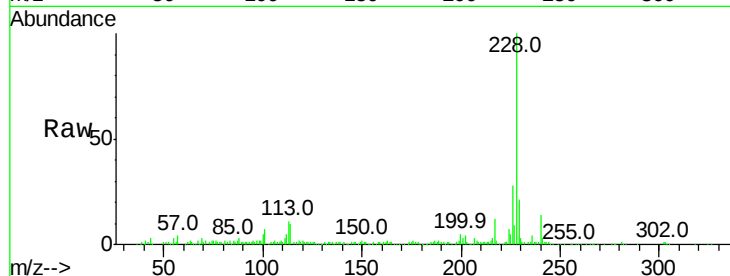
Tot Ion:228 Resp: 101643

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

229 21.4 15.5 23.3

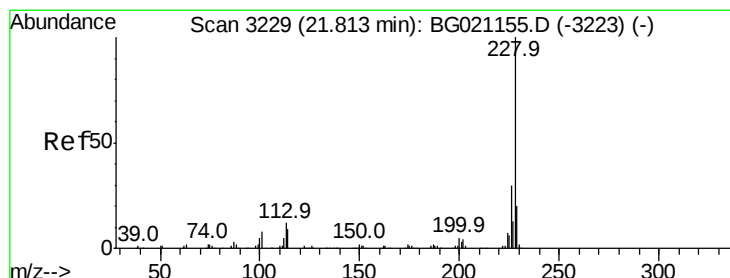
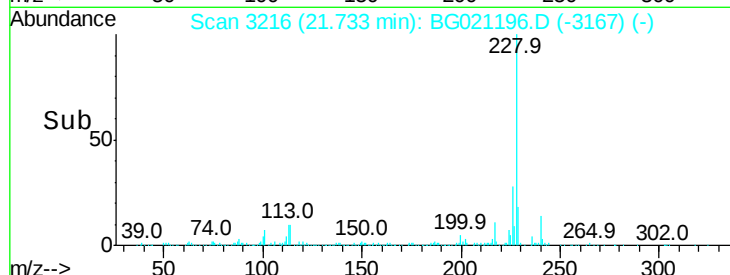
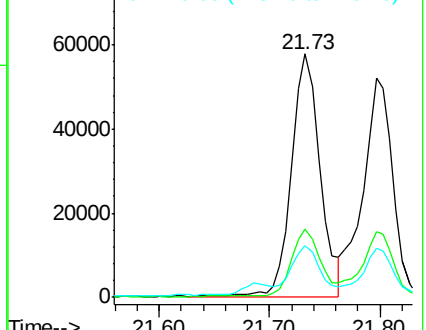


Abundance

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



#82

Chrysene

Concen: 22.17 ng

RT: 21.80 min Scan# 3227

Delta R.T. -0.02 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

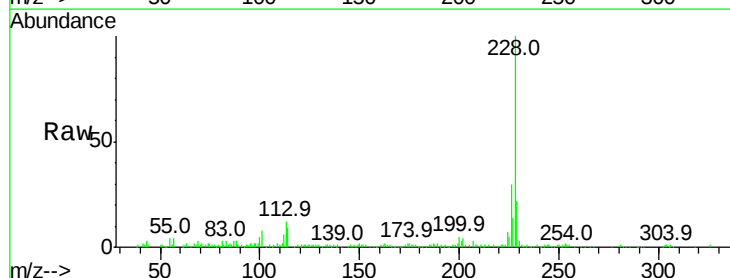
Tgt Ion:228 Resp: 97686

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

229 22.3 16.7 25.1

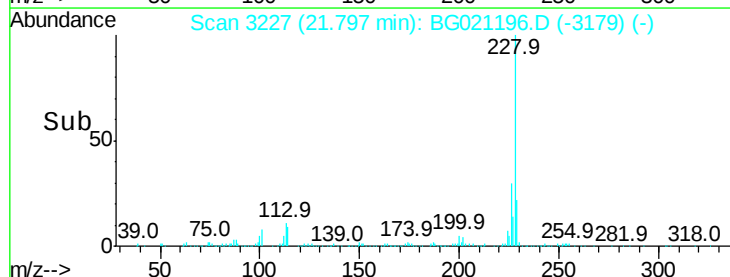
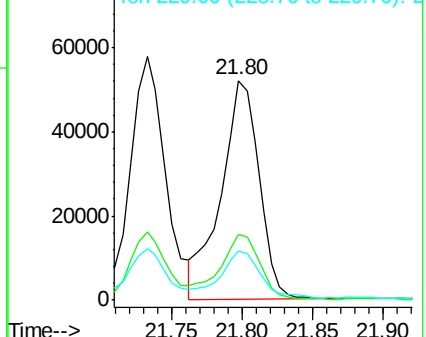


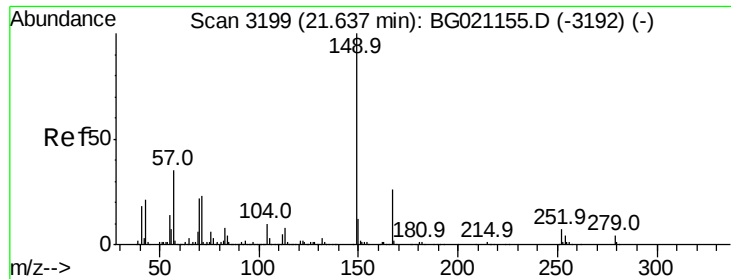
Abundance

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

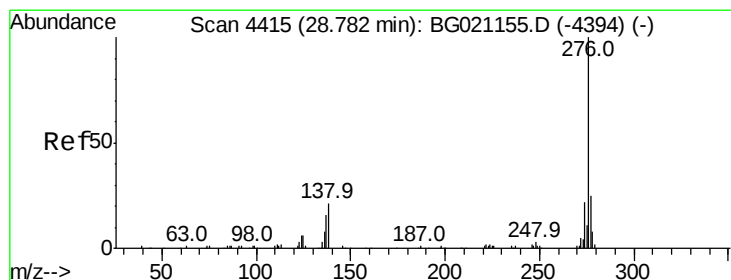
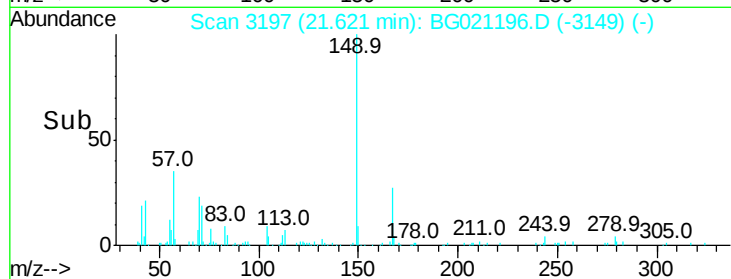
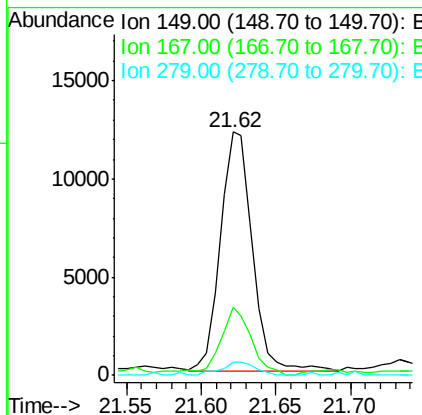
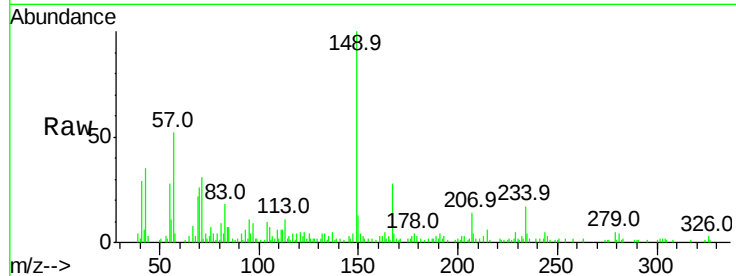




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.18 ng
 RT: 21.62 min Scan# 3197
 Delta R.T. -0.02 min
 Lab File: BG021196.D
 Acq: 1 Mar 2016 23:03

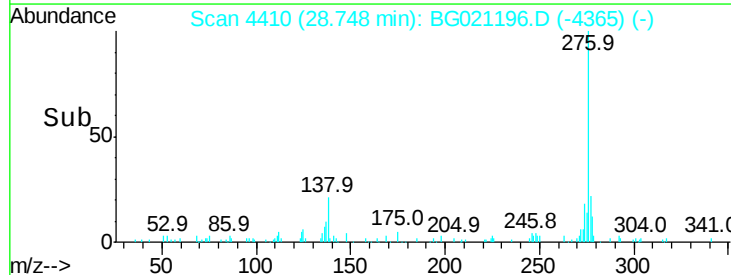
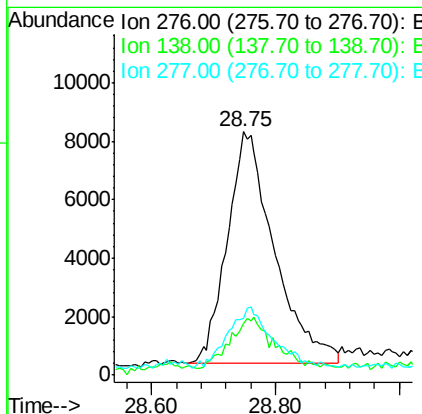
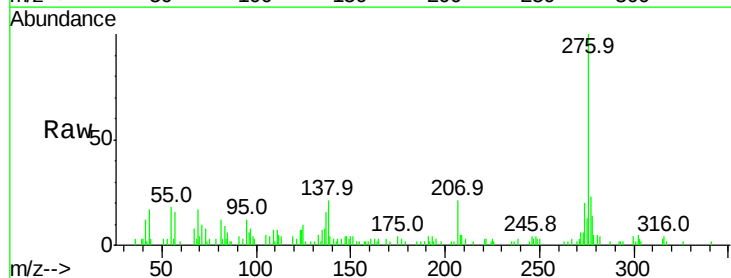
Instrument :
 BNA_G
 ClientSampleId :
 CEB-4(2.5-5)20160223

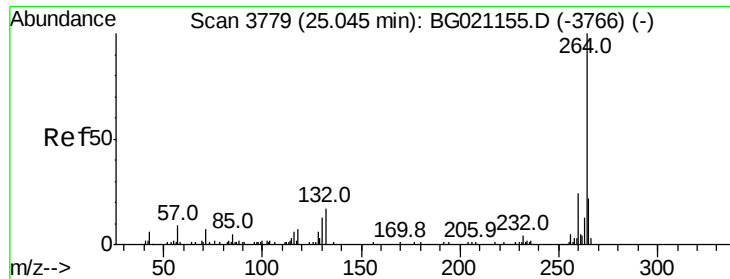
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.0	18.9	28.3
279	5.2	3.0	4.6



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.23 ng
 RT: 28.75 min Scan# 4410
 Delta R.T. -0.03 min
 Lab File: BG021196.D
 Acq: 1 Mar 2016 23:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	0.0	0.0
277	25.3	0.0	0.0



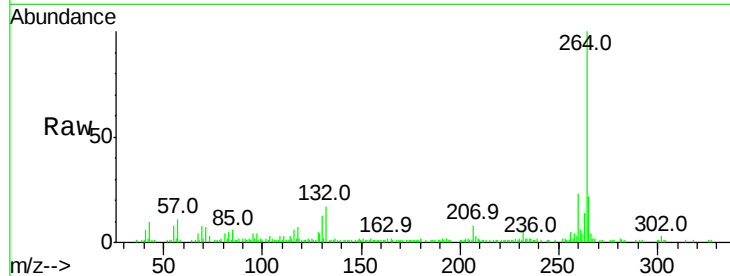


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.02 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

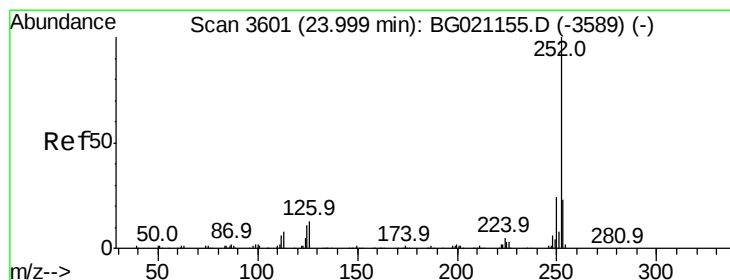
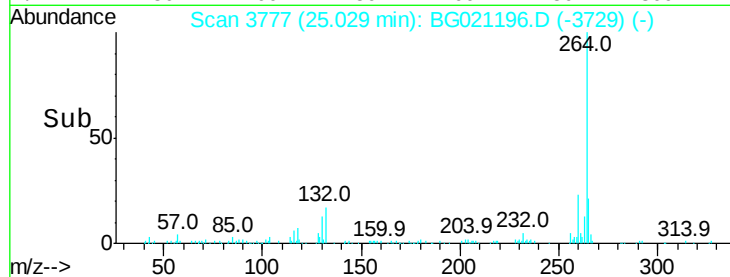
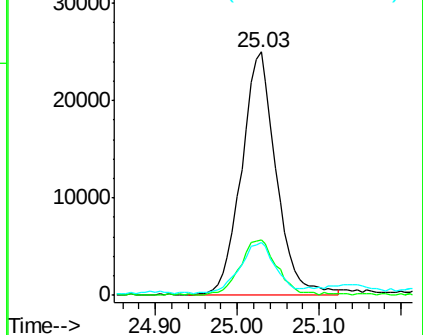
Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

Tot Ion:264 Resp: 73778

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.0	18.6	28.0



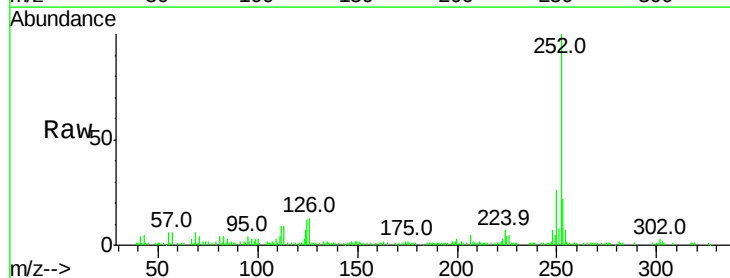
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



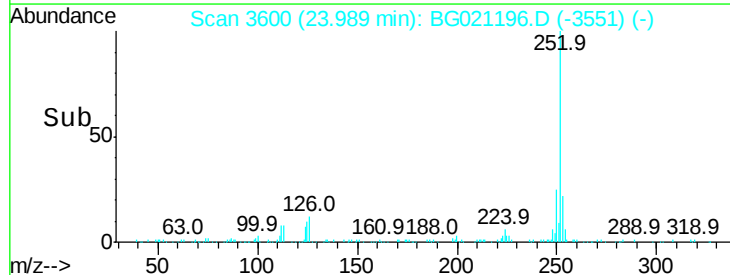
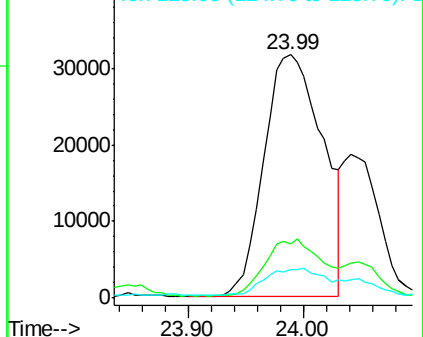
#87
Benzo(b)fluoranthene
Concen: 24.15 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.01 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

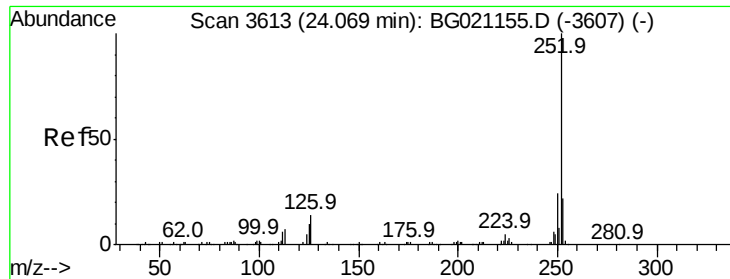
Tgt Ion:252 Resp: 112070

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.8	25.2
125	11.9	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

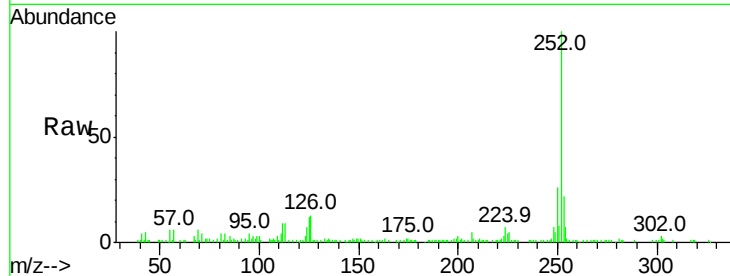




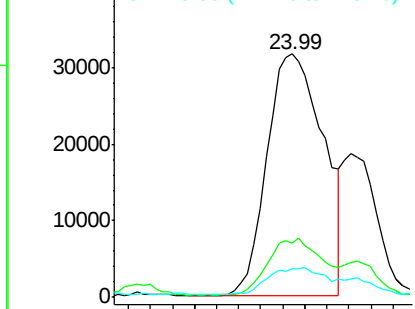
#88
Benzo(k)fluoranthene
Concen: 24.19 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.08 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

Instrument :
BNA_G
ClientSampleId :
CEB-4(2.5-5)20160223

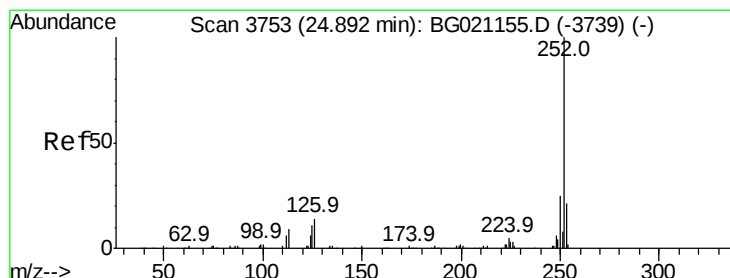
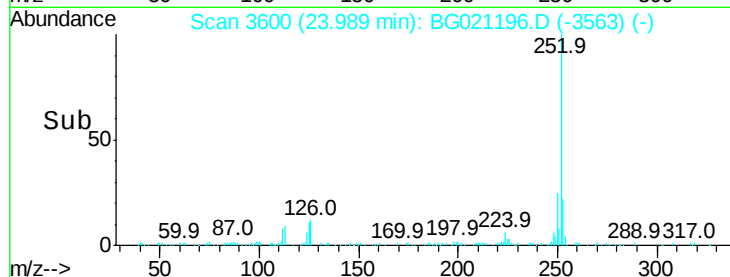
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.4	24.6
125	11.9	8.2	12.2



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

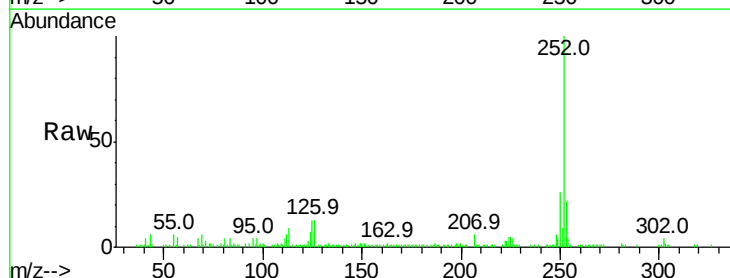


Time-->

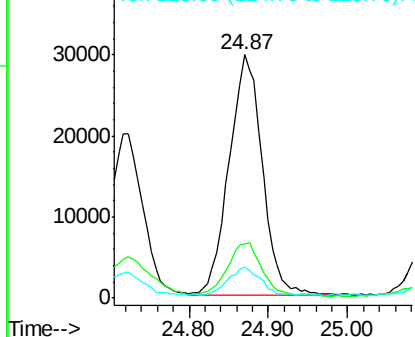


#89
Benzo(a)pyrene
Concen: 19.18 ng
RT: 24.87 min Scan# 3750
Delta R.T. -0.02 min
Lab File: BG021196.D
Acq: 1 Mar 2016 23:03

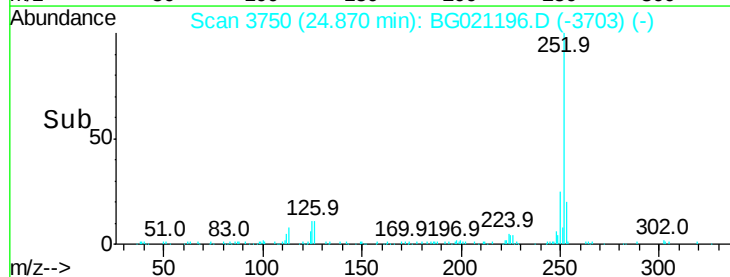
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	15.8	23.8
125	12.8	8.4	12.6#

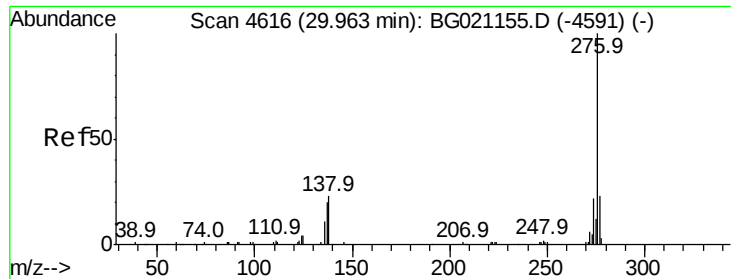


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#91

Benzo(a,h,i)perylene

Concen: 9.62 ng

RT: 29.93 min Scan# 4611

Delta R.T. -0.03 min

Lab File: BG021196.D

Acq: 1 Mar 2016 23:03

Instrument :

BNA_G

ClientSampleId :

CEB-4(2.5-5)20160223

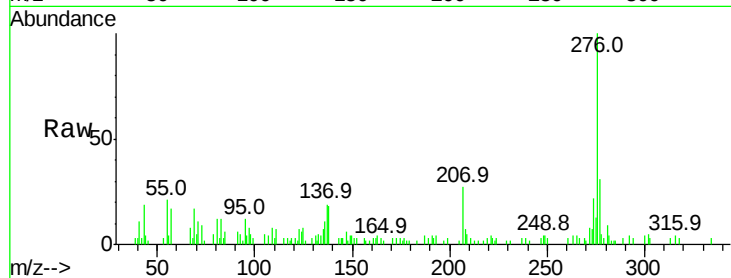
Tot Ion:276 Resp: 41249

Ion Ratio Lower Upper

276 100

277 30.9 16.6 25.0#

138 18.4 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

