

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021192.D
 Acq On : 1 Mar 2016 20:25
 Operator : UM/SJ
 Sample : H1578-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-1(10-12)20160224

Quant Time: Mar 01 23:56:19 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	8.14	152	10919	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	54091	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	33144	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	75701	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	77702	20.00	ng	-0.01
86) Perylene-d12	25.02	264	71924	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	98136	142.88	ng	-0.01
7) Phenol-d6	7.30	99	176675	156.43	ng	0.00
23) Nitrobenzene-d5	9.31	82	129347	101.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	42815	124.16	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	195946	83.95	ng	-0.01
78) Terphenyl-d14	20.08	244	261969	81.68	ng	-0.01

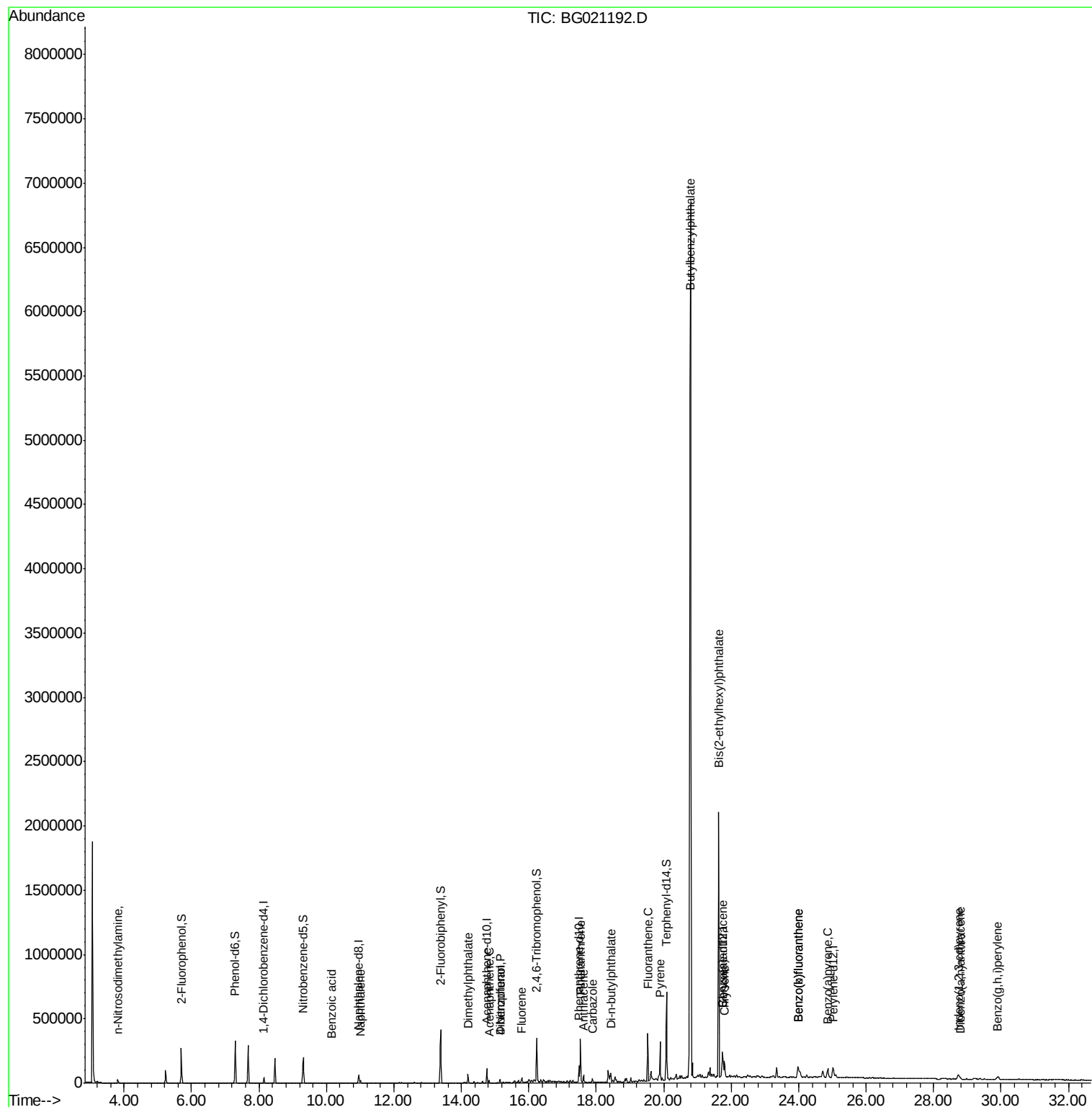
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.82	42	1180	2.40	ng	# 1
31) Naphthalene	11.00	128	15675	5.56	ng	97
32) Benzoic acid	10.15	122	78	5.78	ng	# 72
49) Dimethylphthalate	14.19	163	40853	13.83	ng	99
51) Acenaphthene	14.82	154	7293	3.32	ng	96
54) Dibenzofuran	15.15	168	12106	4.12	ng	91
55) 4-Nitrophenol	15.15	139	5597	9.84	ng	# 9
57) Fluorene	15.79	166	14703	5.25	ng	94
70) Phenanthrene	17.53	178	180771	44.25	ng	99
71) Anthracene	17.62	178	35693	8.54	ng	97
72) Carbazole	17.88	167	18359	4.95	ng	# 94
73) Di-n-butylphthalate	18.43	149	46678	8.96	ng	# 98
74) Fluoranthene	19.53	202	206787	43.08	ng	99
77) Pyrene	19.89	202	169050	36.47	ng	99
79) Butylbenzylphthalate	20.80	149	2724220	1151.59	ng	# 84
80) Benzo(a)anthracene	21.73	228	87644	19.05	ng	99
82) Chrysene	21.80	228	79060	18.13	ng	99
83) Bis(2-ethylhexyl)phthalate	21.63	149	761307	219.57	ng	# 90
85) Indeno(1,2,3-cd)pyrene	28.74	276	46819	9.37	ng	# 100
87) Benzo(b)fluoranthene	23.98	252	96881	21.42	ng	# 95
88) Benzo(k)fluoranthene	23.98	252	96881	21.38	ng	# 94
89) Benzo(a)pyrene	24.86	252	72158	16.50	ng	# 92
90) Dibenzo(a,h)anthracene	28.79	278	13209	3.05	ng	# 86
91) Benzo(g,h,i)perylene	29.90	276	43734	10.46	ng	# 92

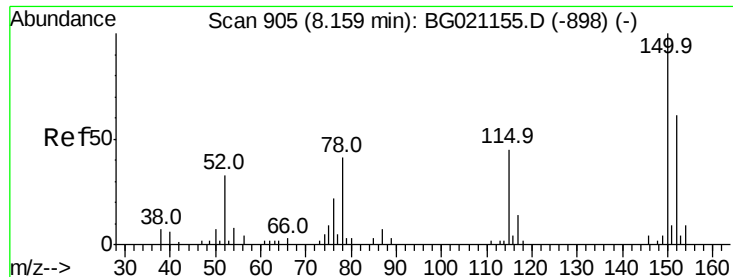
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021192.D
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ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Mar 01 23:56:19 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 903

Delta R.T. -0.02 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

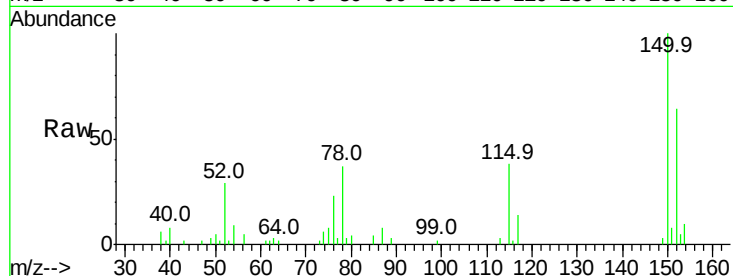
Tot Ion:152 Resp: 10919

Ion Ratio Lower Upper

152 100

150 157.0 123.4 185.2

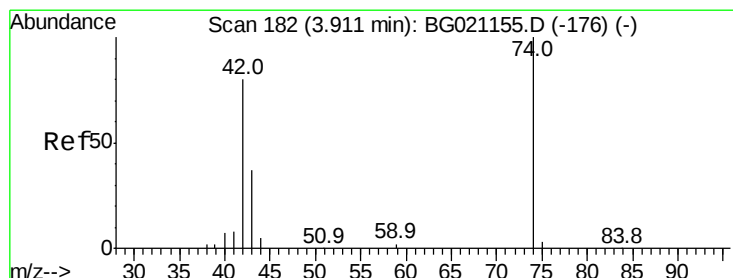
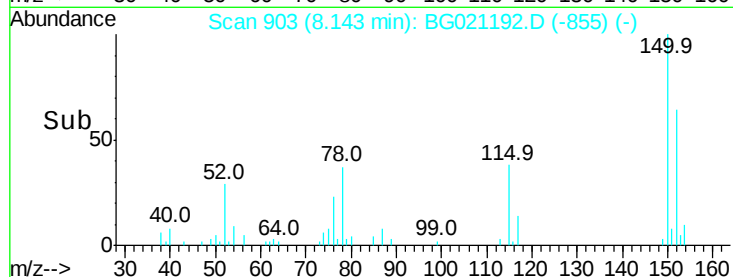
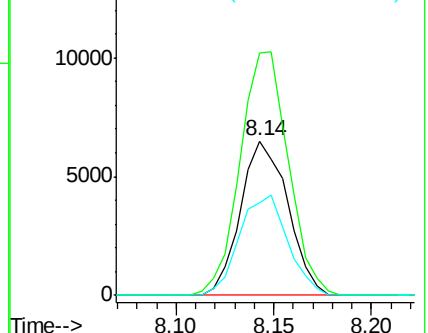
115 60.2 43.3 64.9



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



#4

n-Nitrosodimethylamine

Concen: 2.40 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.09 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

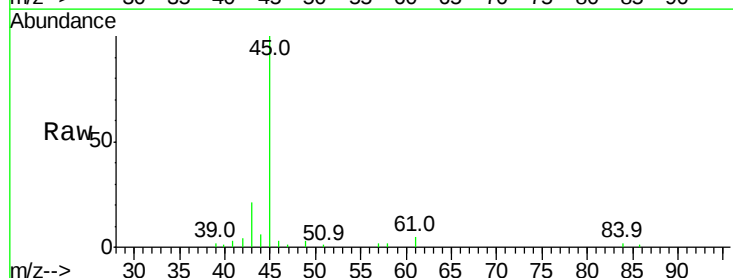
Tgt Ion: 42 Resp: 1180

Ion Ratio Lower Upper

42 100

74 0.0 102.3 153.5#

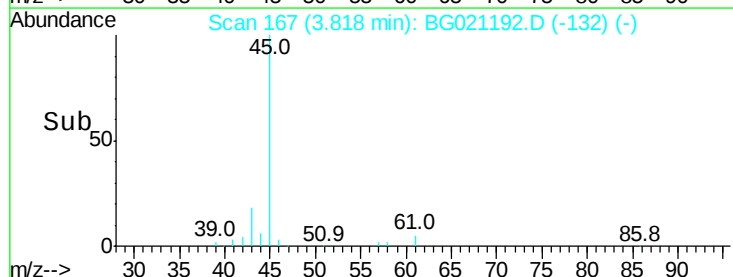
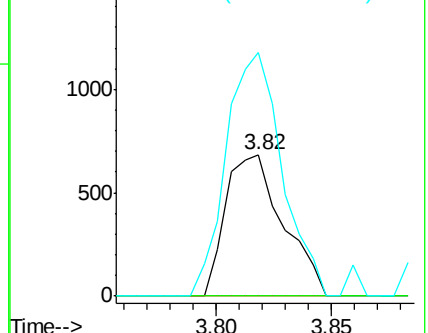
44 172.2 4.8 7.2#

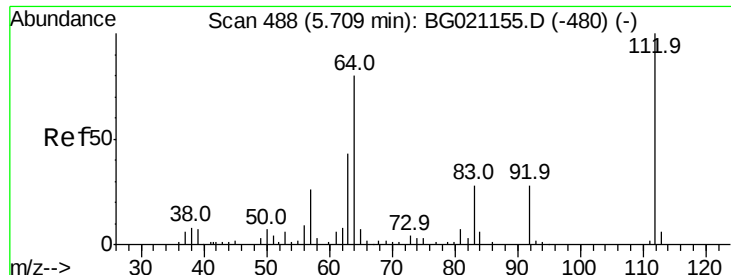


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.88 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

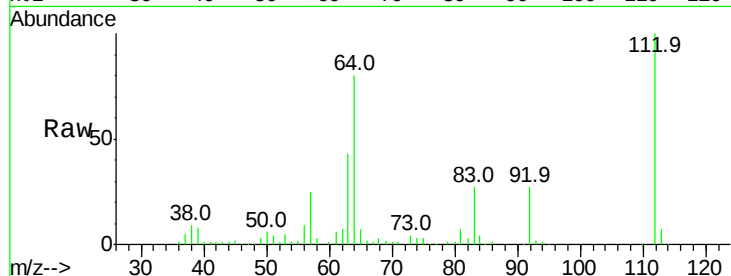
Tot Ion:112 Resp: 98136

Ion Ratio Lower Upper

112 100

64 79.5 42.6 63.8#

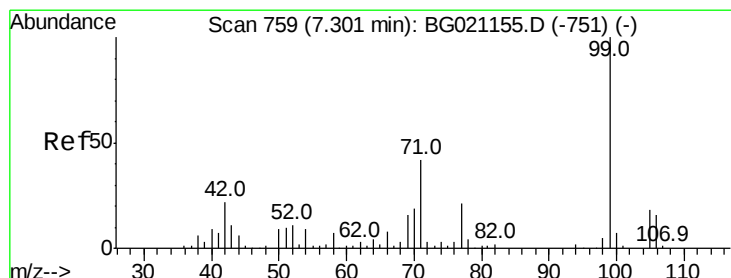
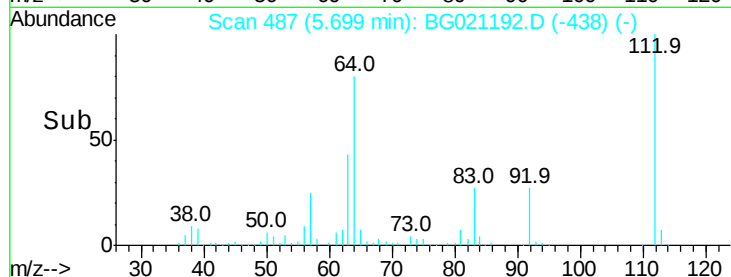
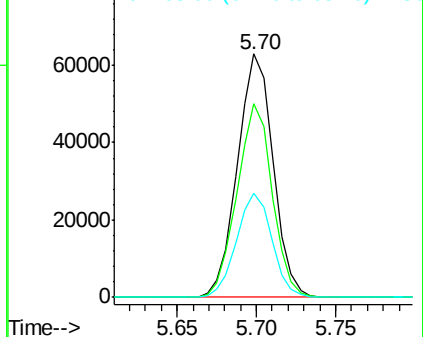
63 42.6 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 156.43 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

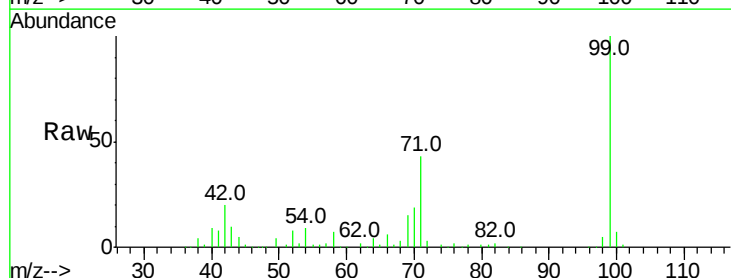
Tgt Ion: 99 Resp: 176675

Ion Ratio Lower Upper

99 100

42 20.3 13.2 19.8#

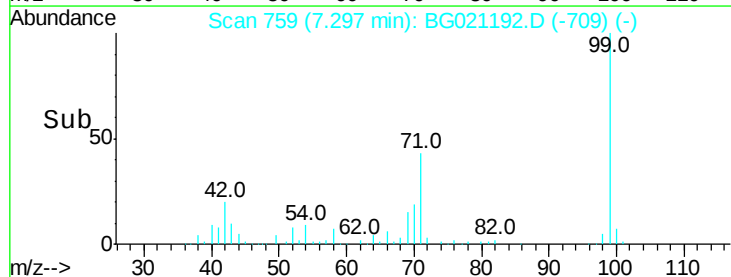
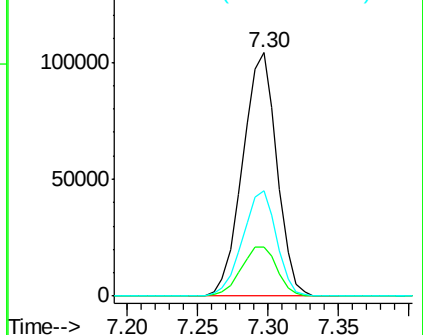
71 43.4 25.2 37.8#

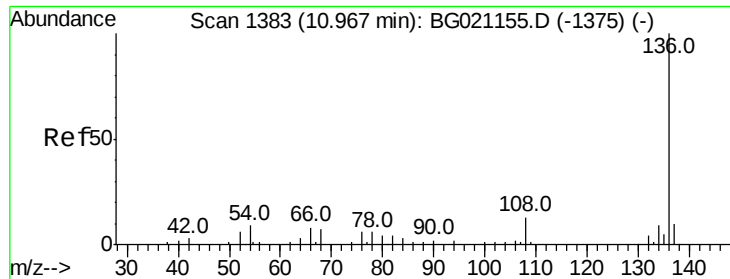


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

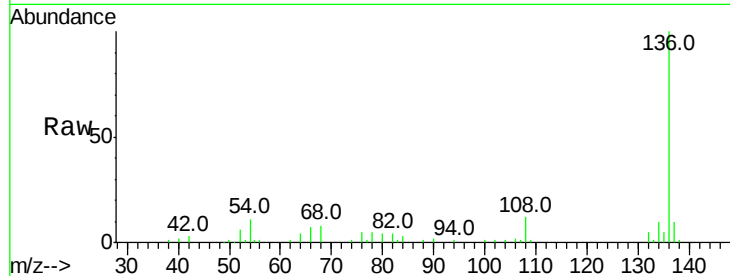




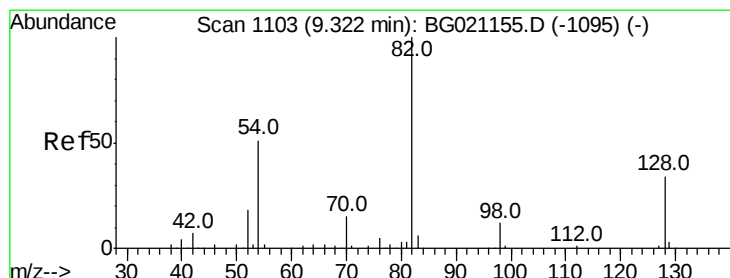
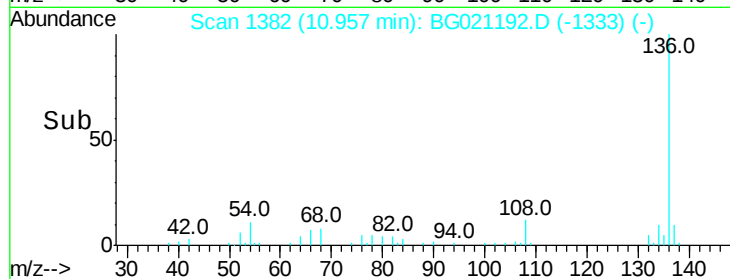
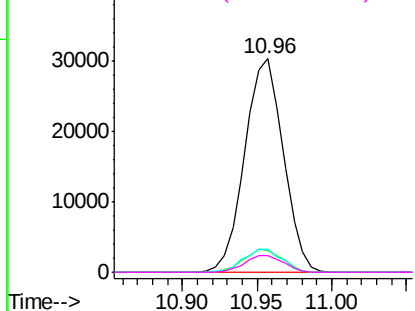
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tot Ion:136	Resp:	54091
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.8 13.2
54	10.6	6.9 10.3#
68	7.9	5.8 8.6

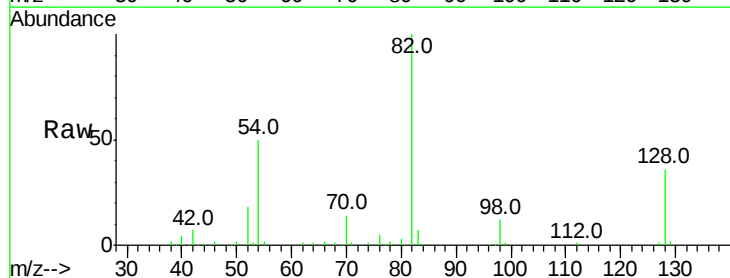


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

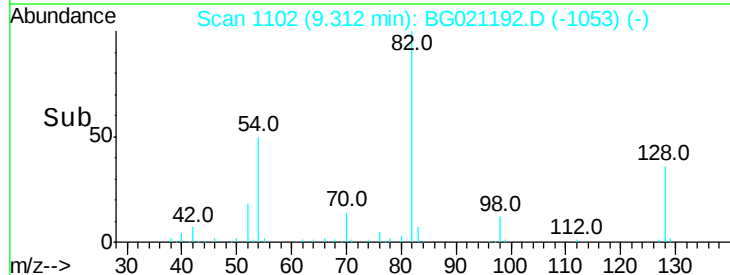
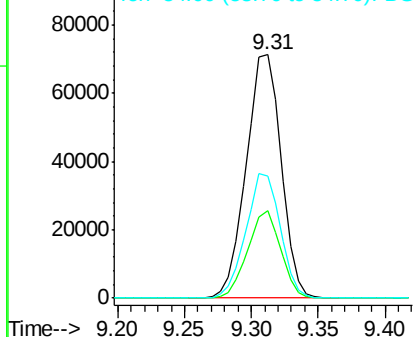


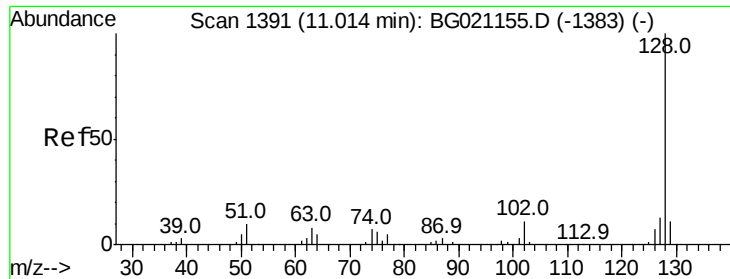
#23
Nitrobenzene-d5
Concen: 101.19 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion: 82	Resp:	129347
Ion Ratio	Lower	Upper
82	100	
128	35.8	36.3 54.5#
54	50.1	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

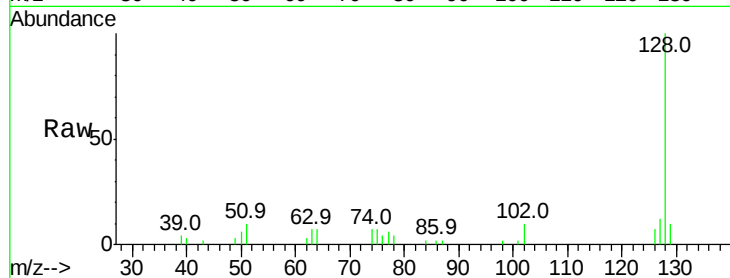




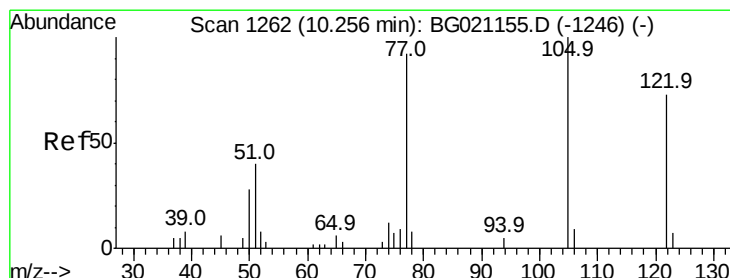
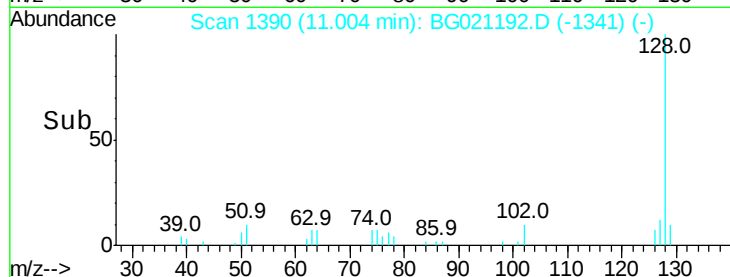
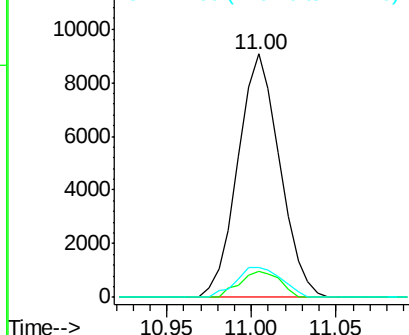
#31
Naphthalene
Concen: 5.56 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

Tot Ion:128 Resp: 15675
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.2
127 12.3 10.8 16.2

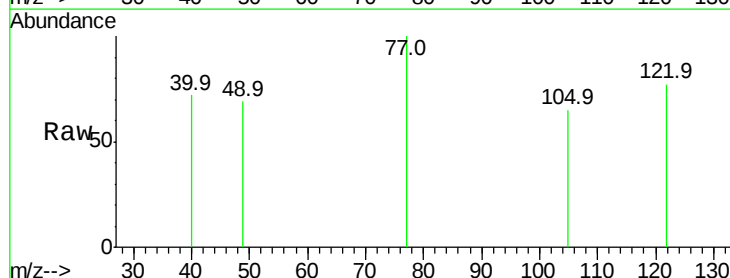


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

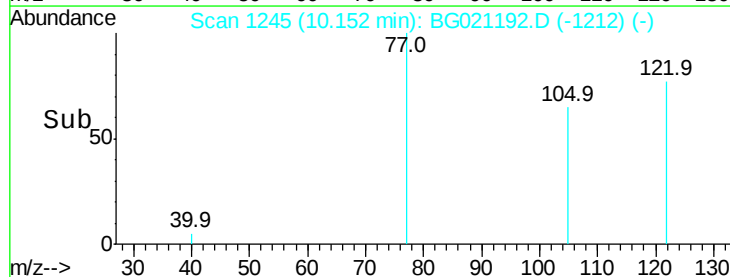
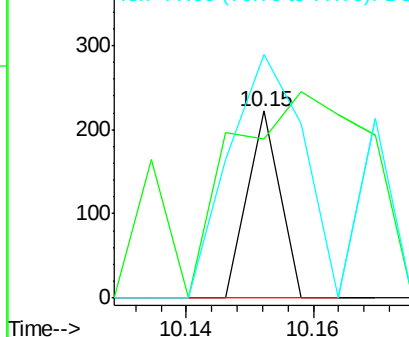


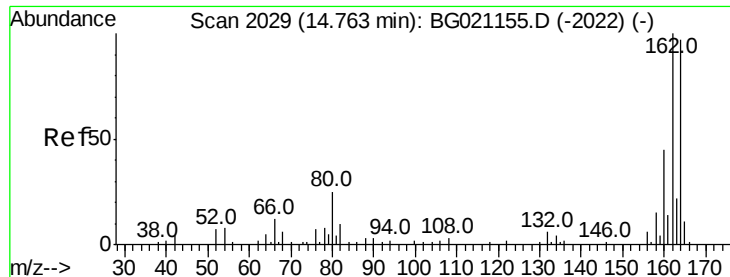
#32
Benzoic acid
Concen: 5.78 ng
RT: 10.15 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 85.1 98.7 138.7#
77 130.2 84.5 124.5#



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): BG





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

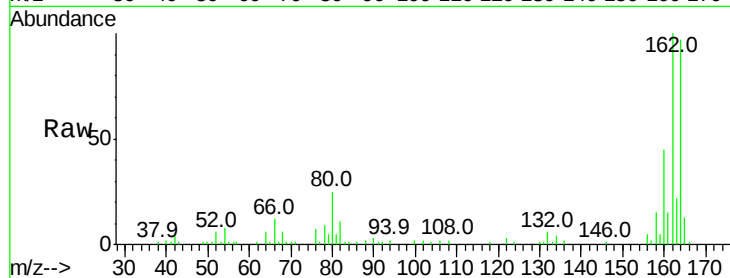
Tot Ion:164 Resp: 33144

Ion Ratio Lower Upper

164 100

162 103.2 80.6 120.8

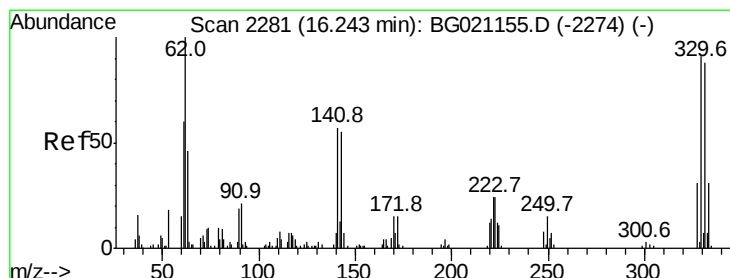
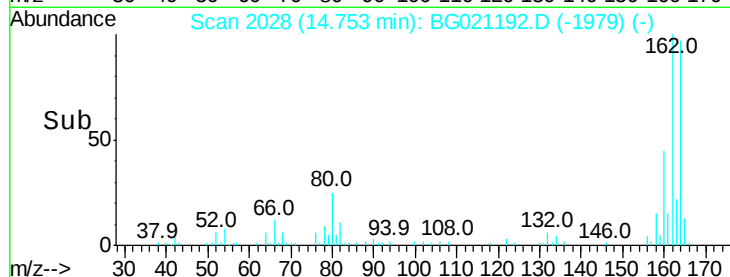
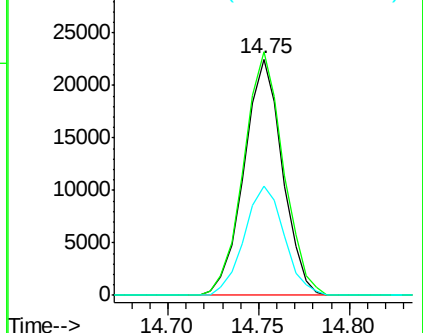
160 46.4 36.5 54.7



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: 124.16 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

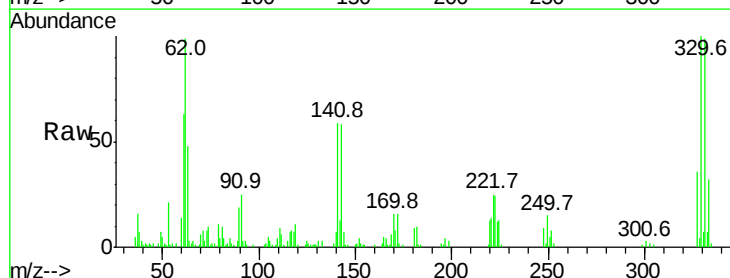
Tgt Ion:330 Resp: 42815

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

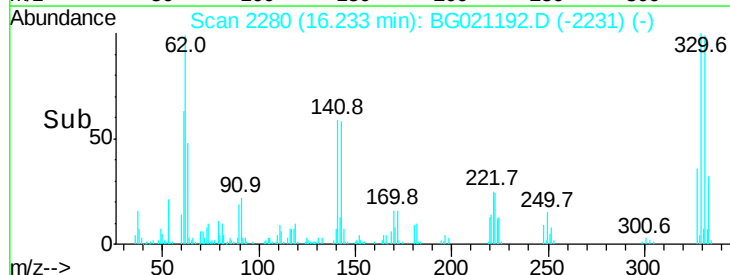
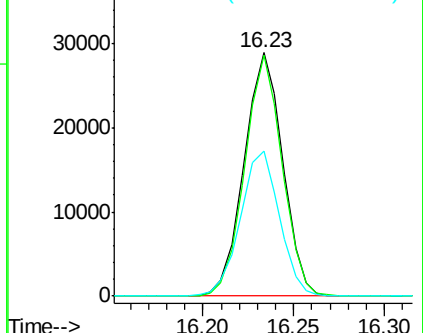
141 60.3 35.3 52.9#

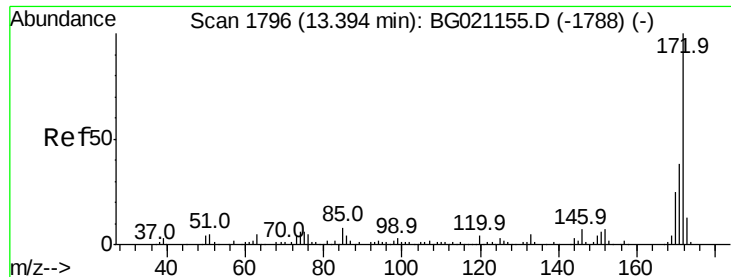


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

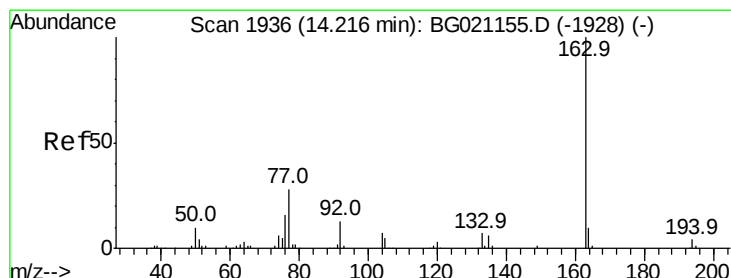
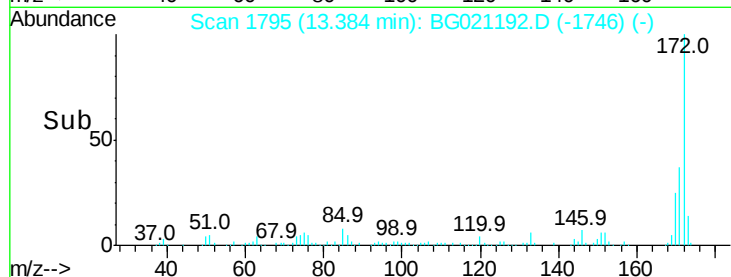
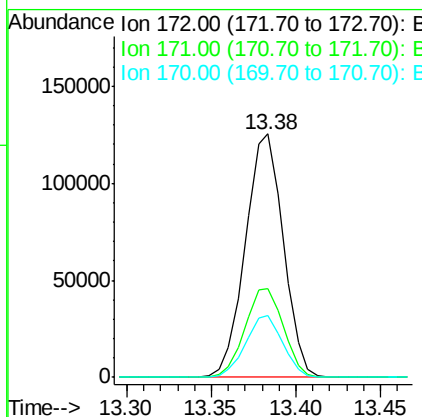
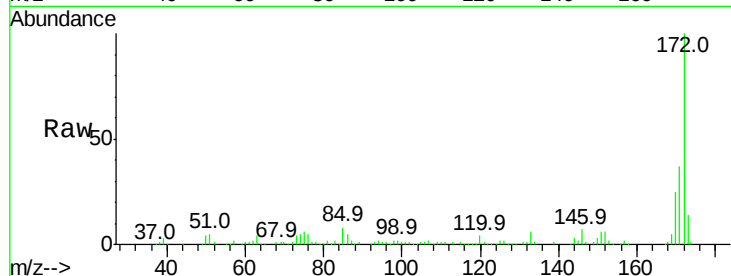




#44
2-Fluorobiphenyl
Concen: 83.95 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

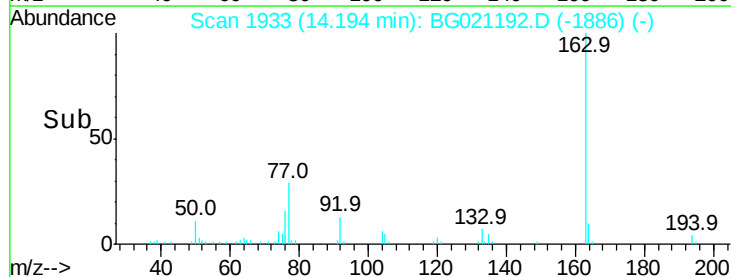
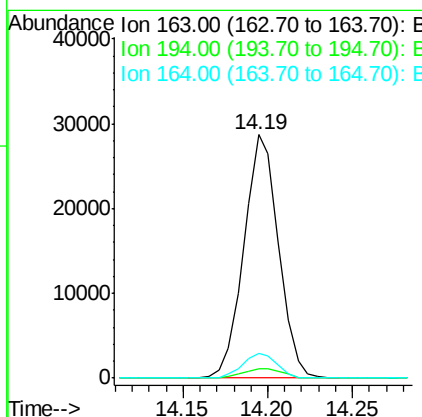
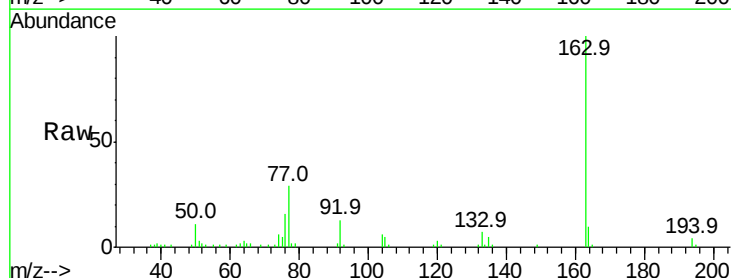
Instrument :
BNA_G
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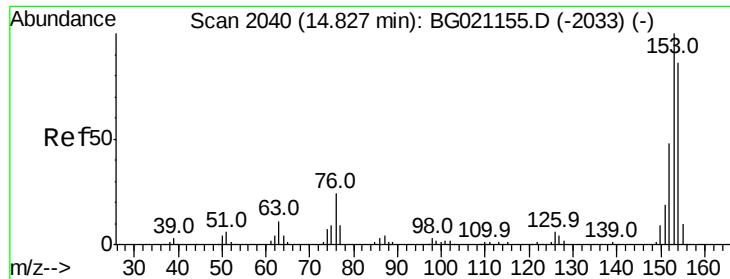
Tot Ion:172 Resp: 195946
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 25.2 19.8 29.8



#49
Dimethylphthalate
Concen: 13.83 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:163 Resp: 40853
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 10.1 7.9 11.9





#51

Acenaphthene

Concen: 3.32 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

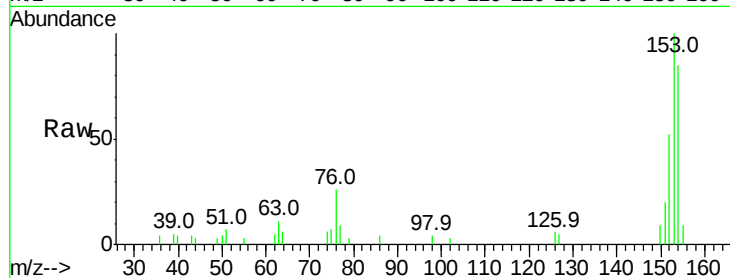
Tot Ion:154 Resp: 7293

Ion Ratio Lower Upper

154 100

153 118.0 94.2 141.2

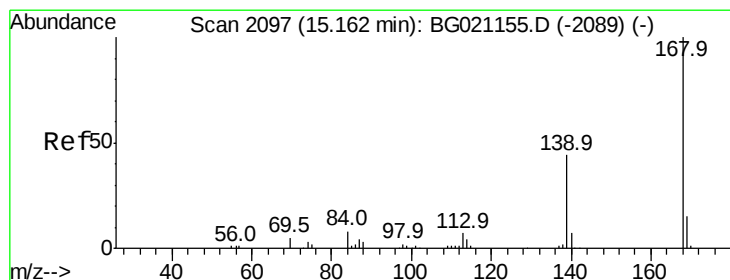
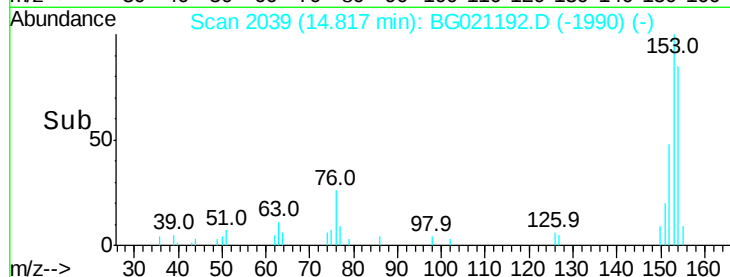
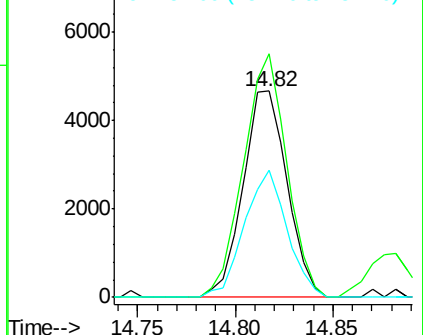
152 61.5 42.9 64.3



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: 4.12 ng

RT: 15.15 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

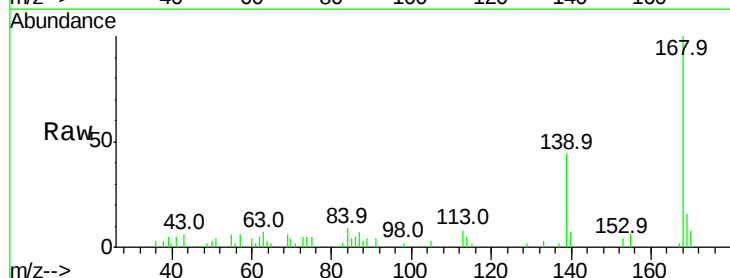
Tgt Ion:168 Resp: 12106

Ion Ratio Lower Upper

168 100

139 43.8 29.8 44.8

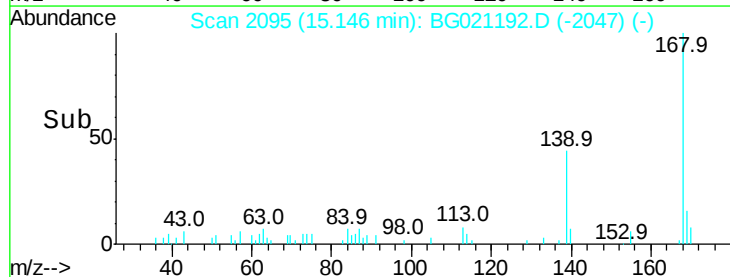
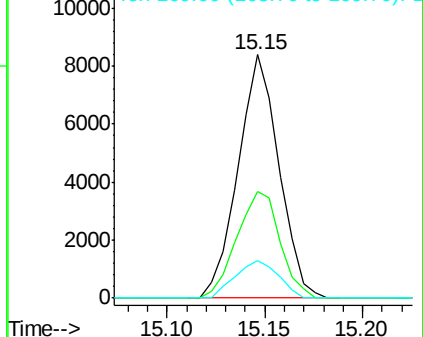
169 15.6 11.4 17.2

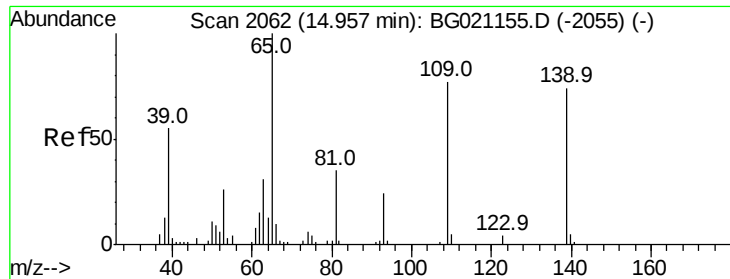


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 9.84 ng

RT: 15.15 min Scan# 2095

Delta R.T. 0.19 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

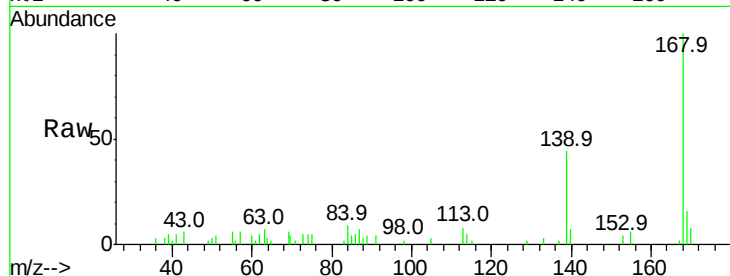
Tot Ion:139 Resp: 5597

Ion Ratio Lower Upper

139 100

109 0.0 54.1 94.1#

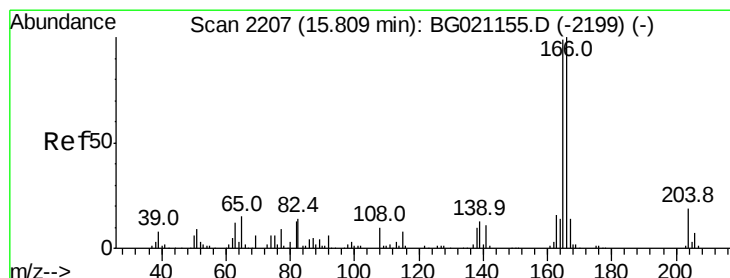
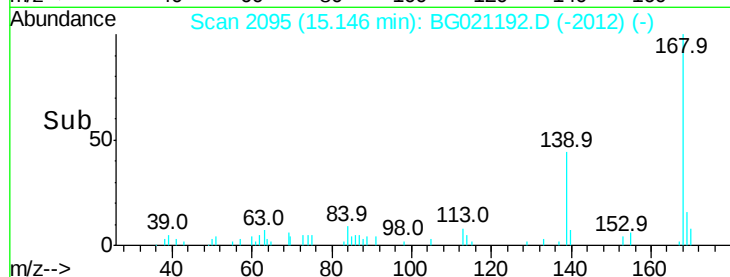
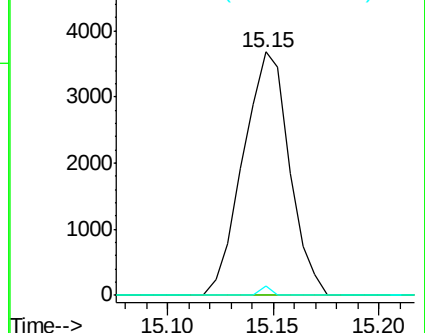
65 4.1 73.4 113.4#



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): BGC



#57

Fluorene

Concen: 5.25 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

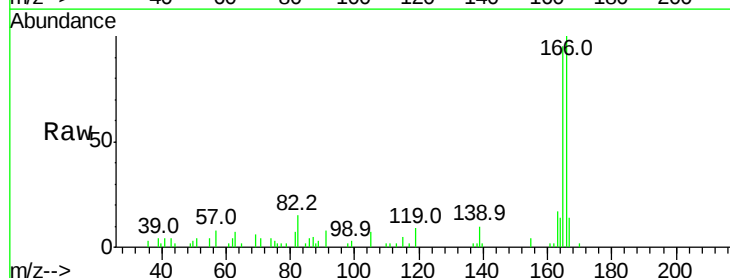
Tgt Ion:166 Resp: 14703

Ion Ratio Lower Upper

166 100

165 95.4 81.3 121.9

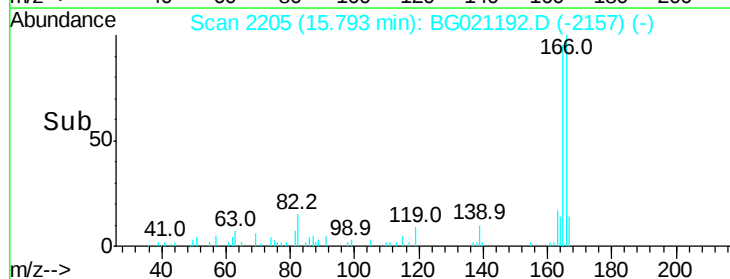
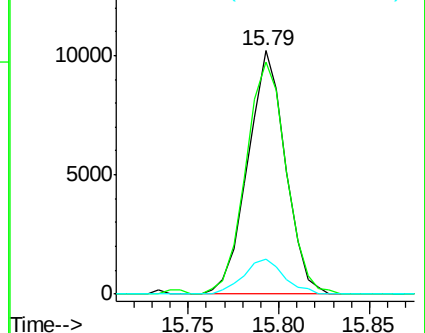
167 14.1 10.6 16.0

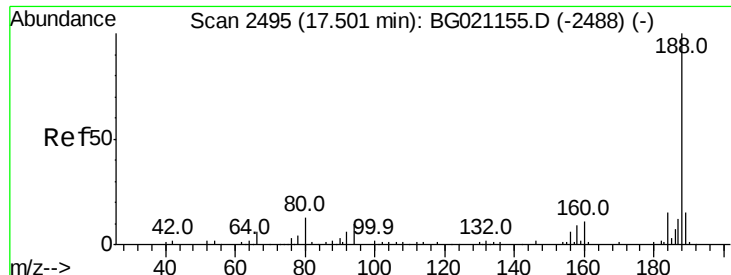


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

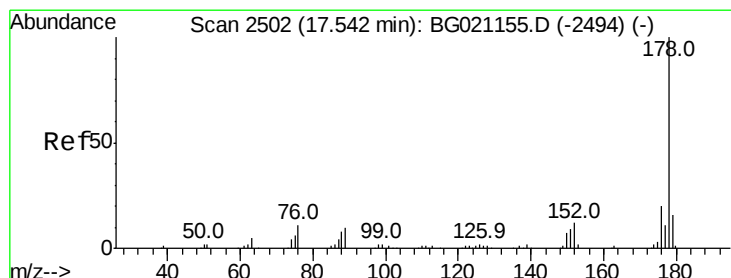
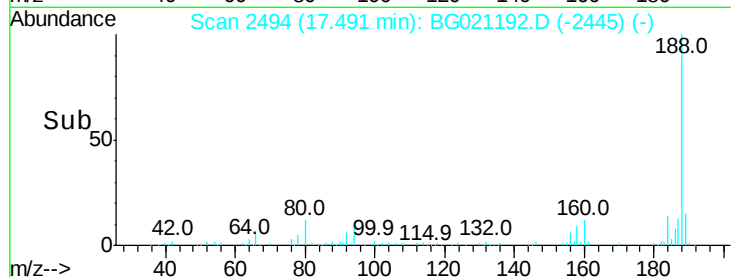
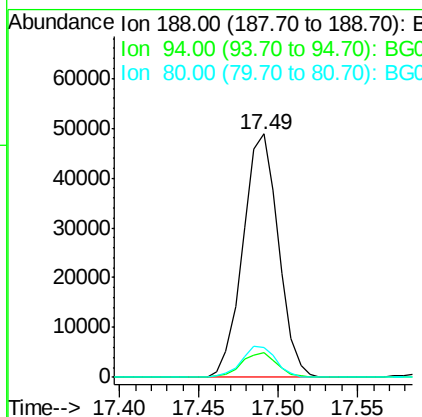
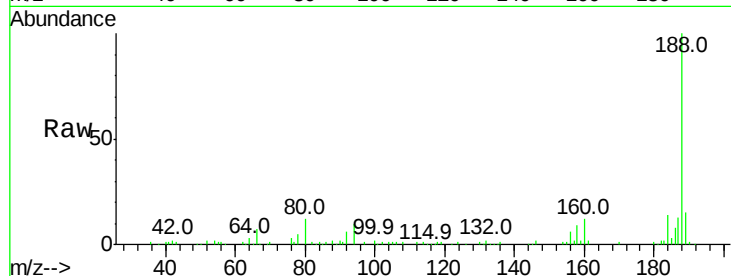




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BG021192.D
 Acq: 1 Mar 2016 20:25

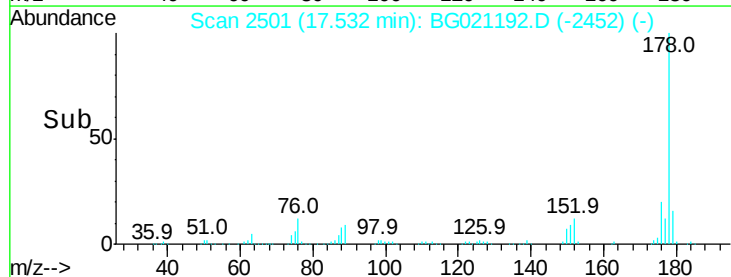
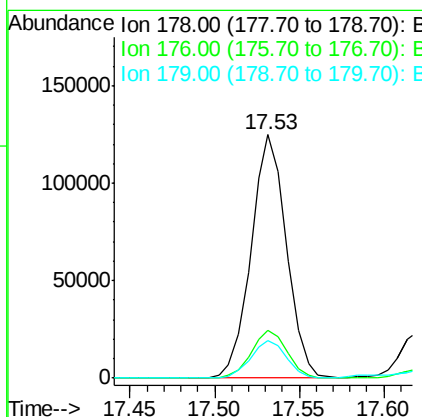
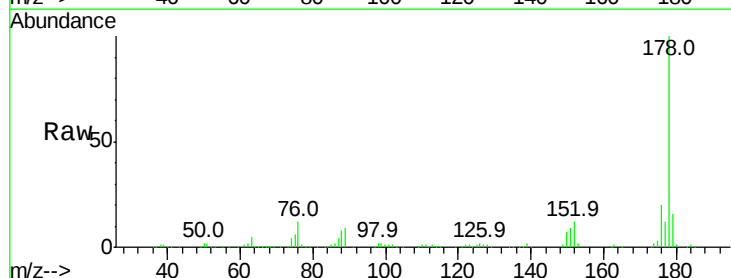
Instrument :
 BNA_G
 ClientSampleId :
 CEB-1(10-12)20160224

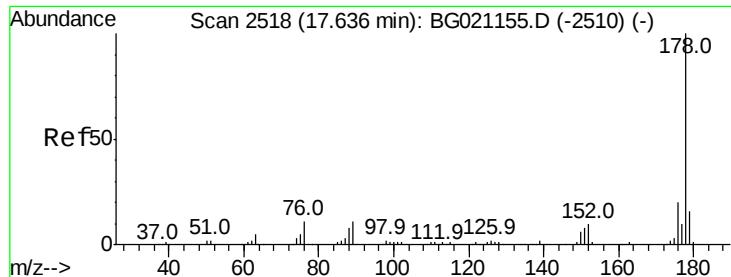
Tot Ion:188 Resp: 75701
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.2 12.4
 80 12.3 9.2 13.8



#70
 Phenanthrene
 Concen: 44.25 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG021192.D
 Acq: 1 Mar 2016 20:25

Tgt Ion:178 Resp: 180771
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.5 12.9 19.3

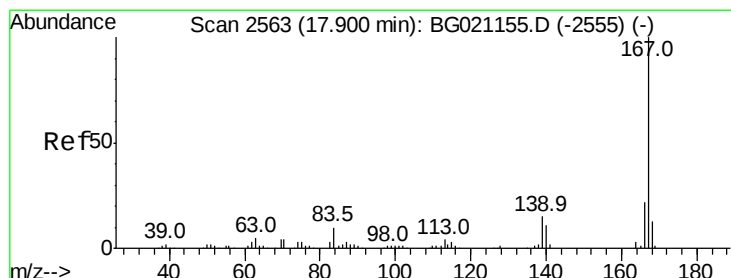
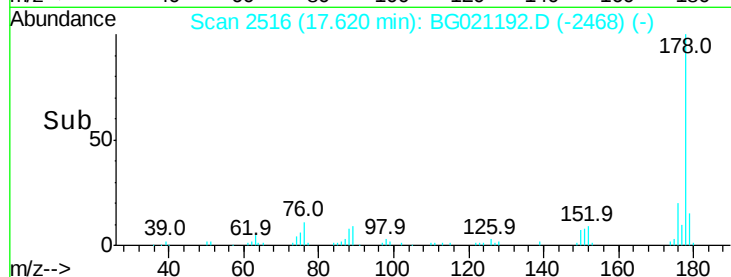
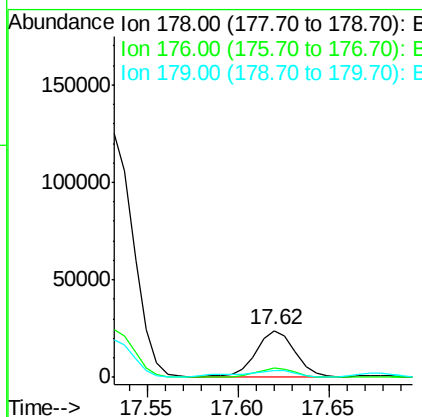
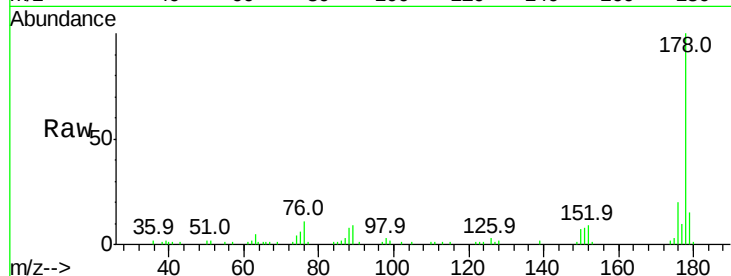




#71
 Anthracene
 Concen: 8.54 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG021192.D
 Acq: 1 Mar 2016 20:25

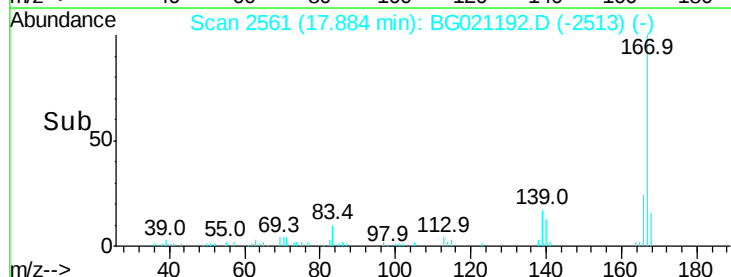
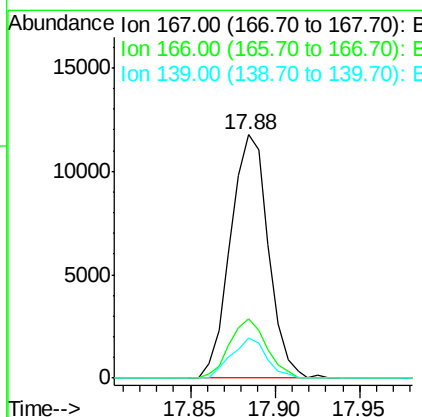
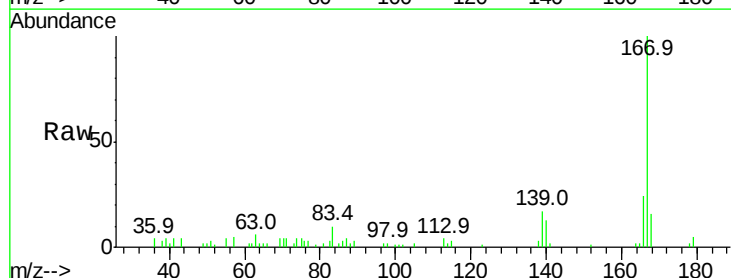
Instrument :
 BNA_G
 ClientSampleId :
 CEB-1(10-12)20160224

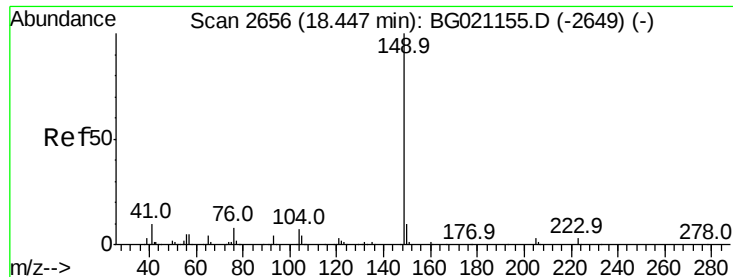
Tot Ion:178 Resp: 35693
 Ion Ratio Lower Upper
 178 100
 176 19.7 14.8 22.2
 179 14.5 12.6 19.0



#72
 Carbazole
 Concen: 4.95 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG021192.D
 Acq: 1 Mar 2016 20:25

Tgt Ion:167 Resp: 18359
 Ion Ratio Lower Upper
 167 100
 166 24.1 17.5 26.3
 139 16.6 10.3 15.5#





#73

Di-n-butylphthalate

Concen: 8.96 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.02 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

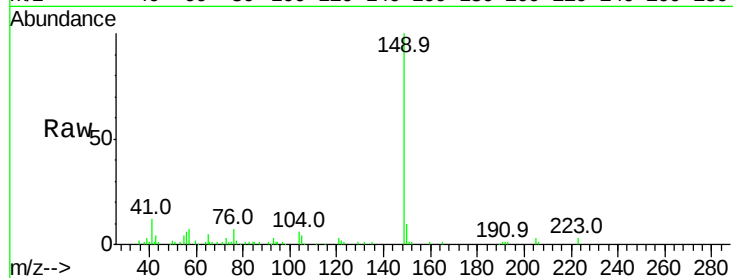
Tot Ion:149 Resp: 46678

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

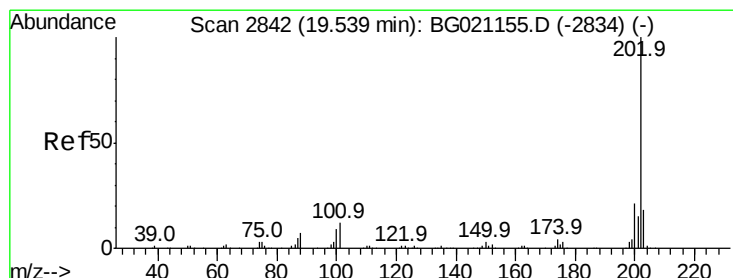
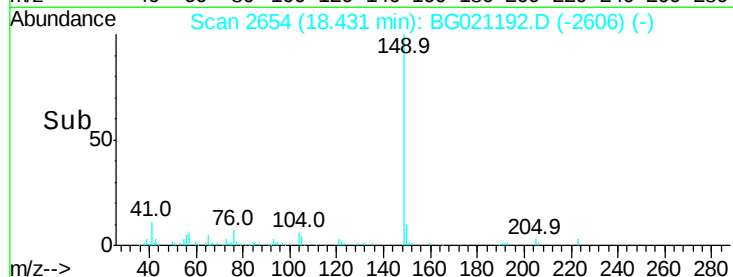
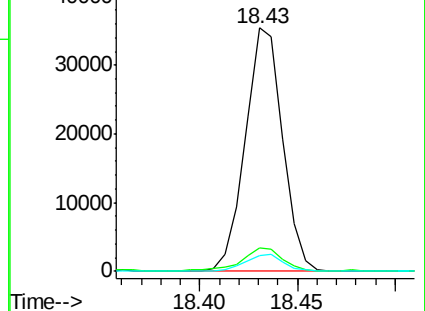
104 6.4 4.1 6.1#



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



#74

Fluoranthene

Concen: 43.08 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

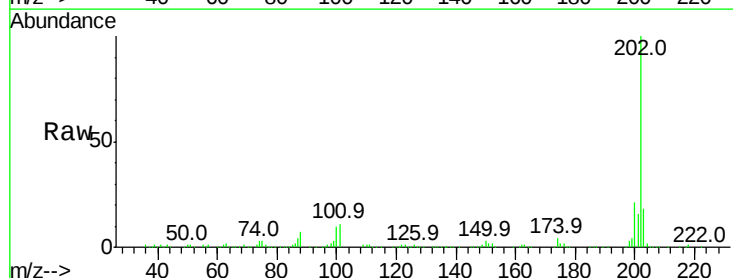
Tgt Ion:202 Resp: 206787

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.5

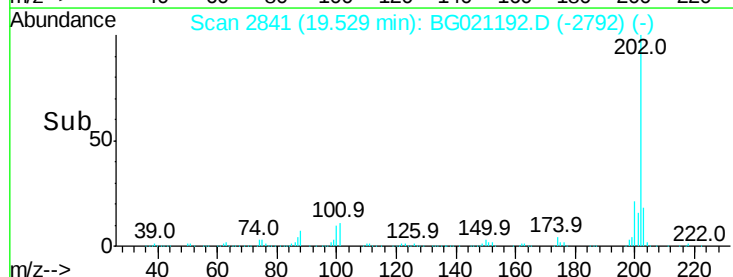
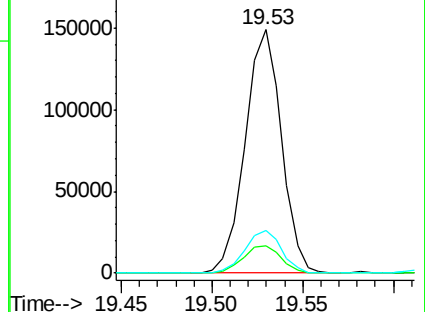
203 17.7 0.0 37.6

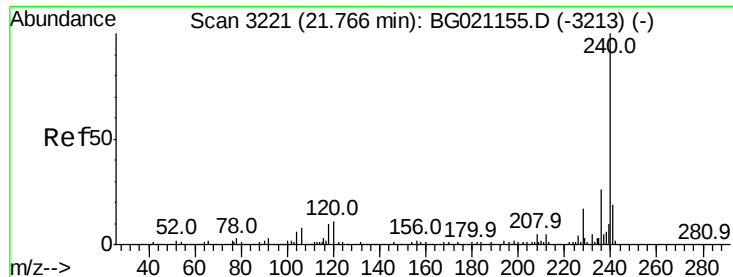


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

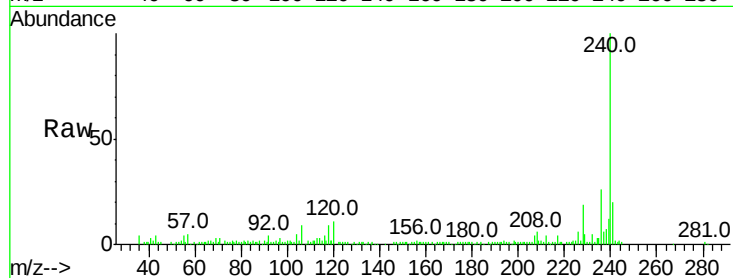
Tot Ion:240 Resp: 77702

Ion Ratio Lower Upper

240 100

120 10.6 7.5 11.3

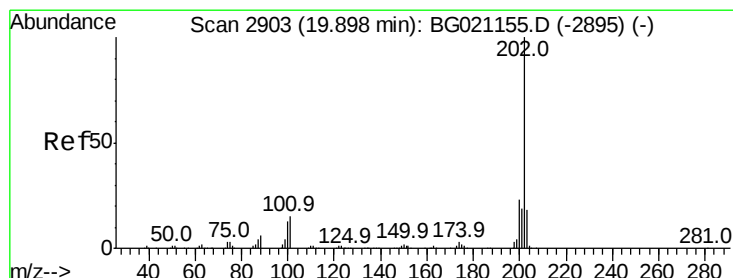
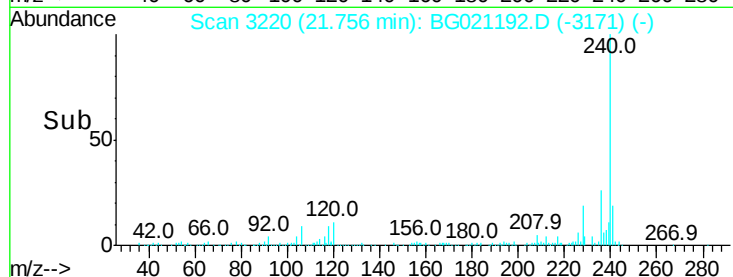
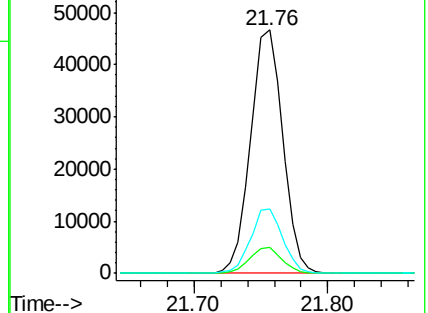
236 26.4 20.5 30.7



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

Pyrene

Concen: 36.47 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

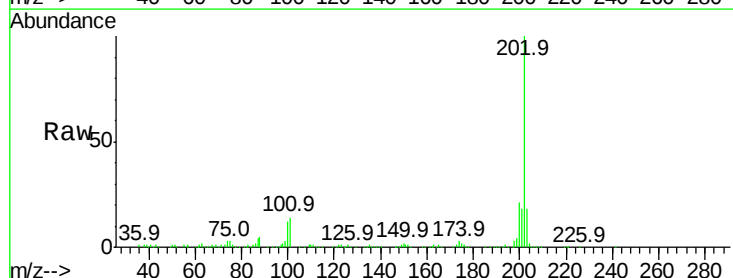
Tgt Ion:202 Resp: 169050

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

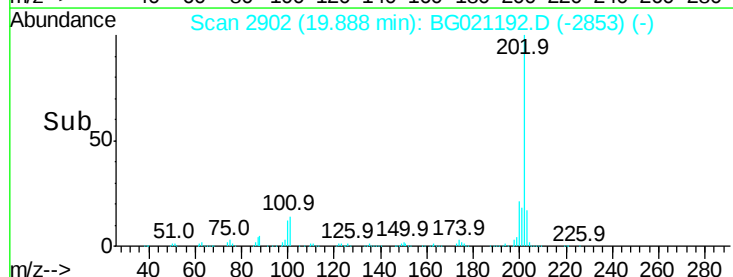
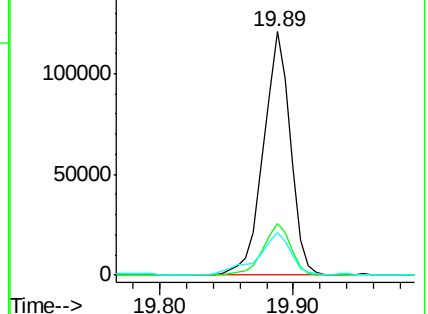
203 17.6 13.8 20.8

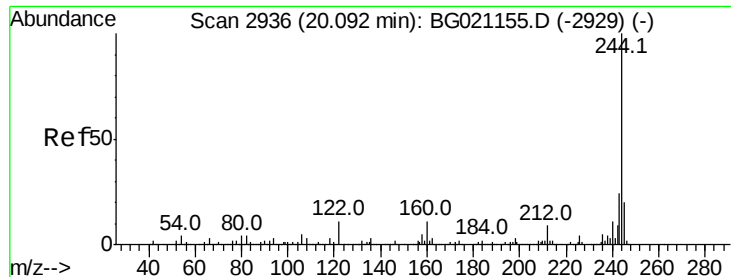


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.68 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

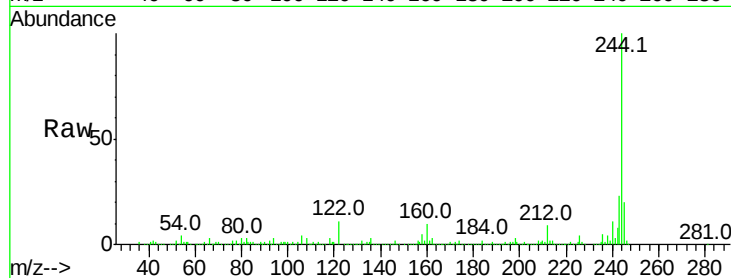
Tot Ion:244 Resp: 261969

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.6#

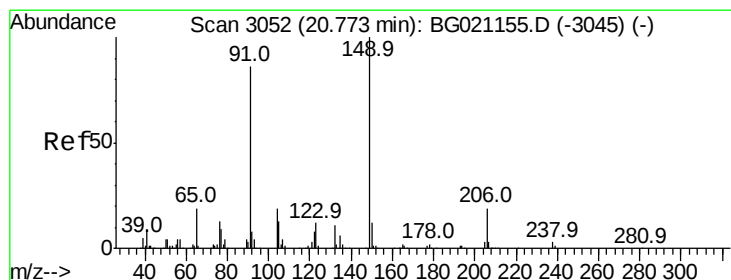
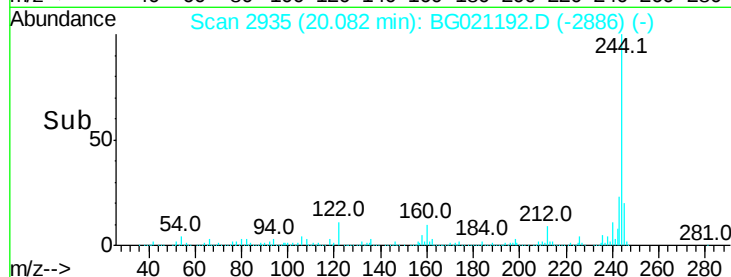
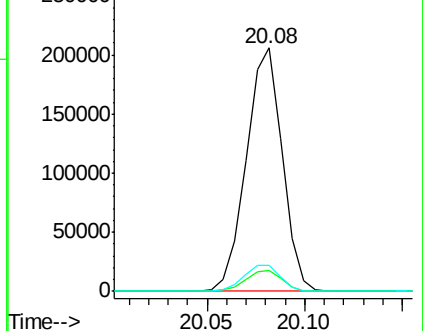
122 10.8 8.3 12.5



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



#79

Butylbenzylphthalate

Concen: 1151.59 ng

RT: 20.80 min Scan# 3057

Delta R.T. 0.03 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

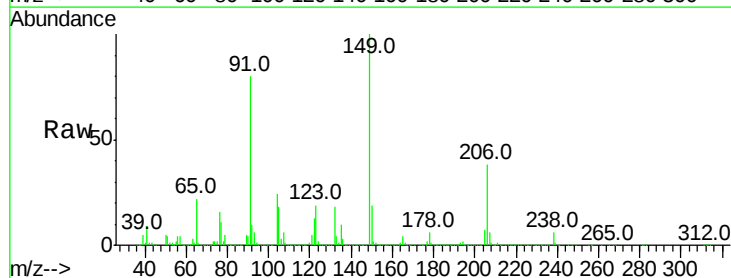
Tgt Ion:149 Resp: 2724220

Ion Ratio Lower Upper

149 100

91 80.3 58.6 87.8

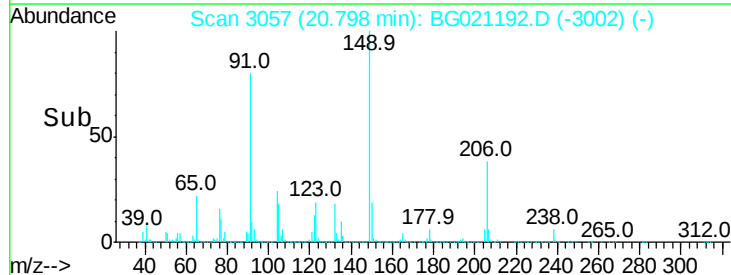
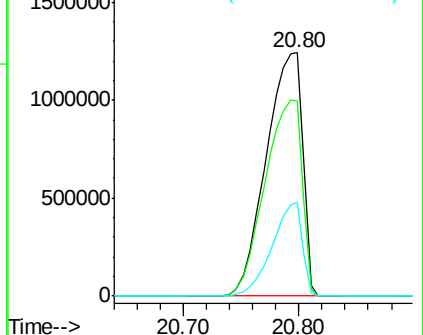
206 38.5 14.2 21.4#

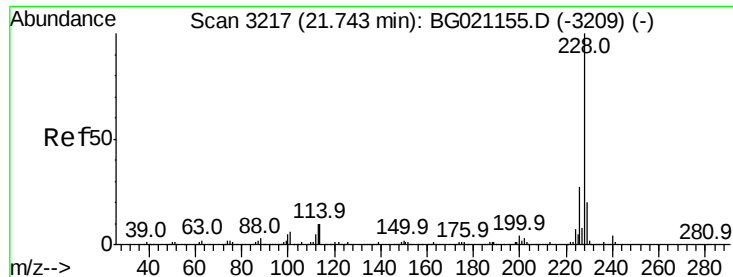


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

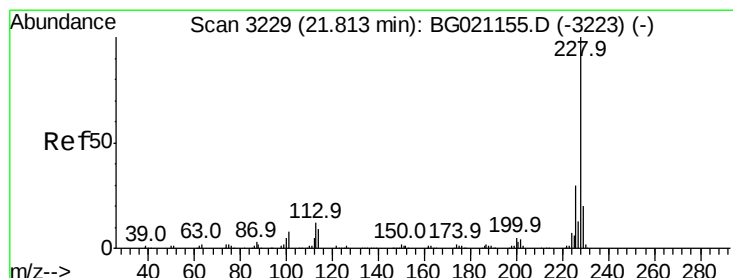
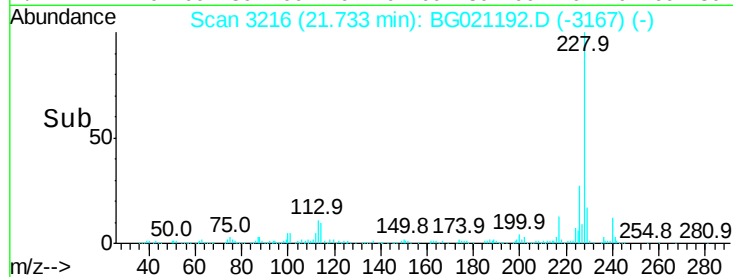
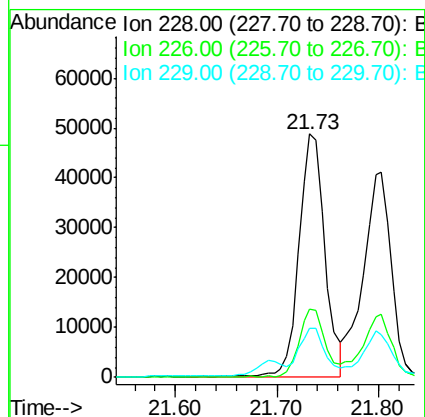
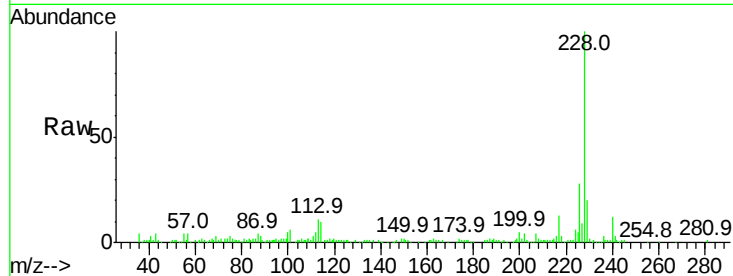




#80
Benzo(a)anthracene
Concen: 19.05 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

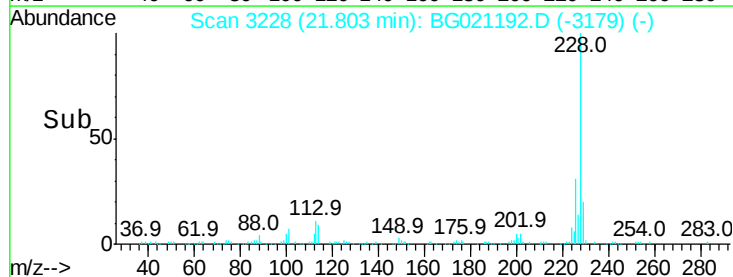
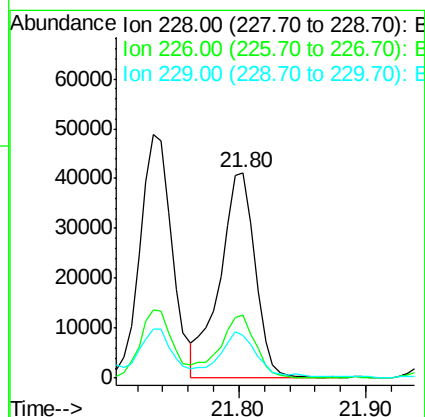
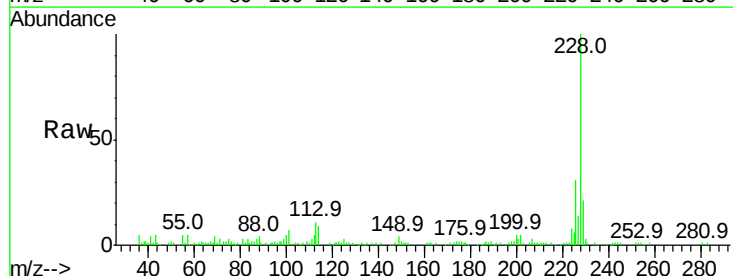
Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

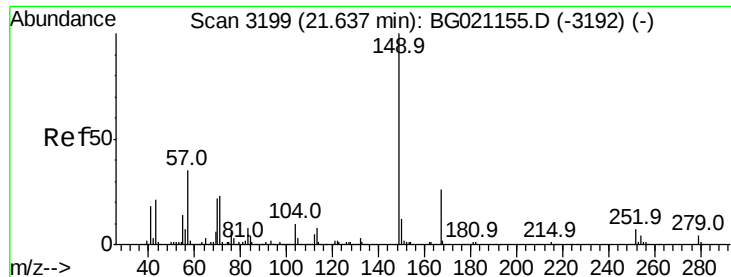
Tot Ion:228 Resp: 87644
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 20.1 15.5 23.3



#82
Chrysene
Concen: 18.13 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:228 Resp: 79060
Ion Ratio Lower Upper
228 100
226 30.7 23.7 35.5
229 20.8 16.7 25.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 219.57 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

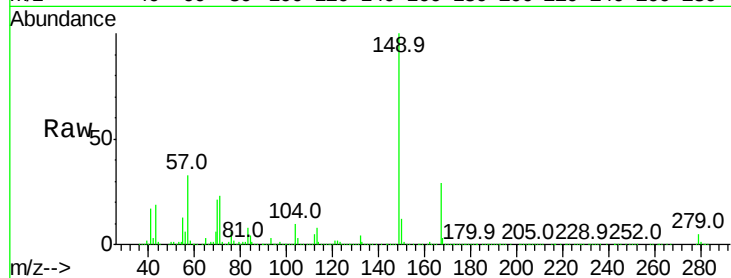
Tot Ion:149 Resp: 761307

Ion Ratio Lower Upper

149 100

167 28.8 18.9 28.3#

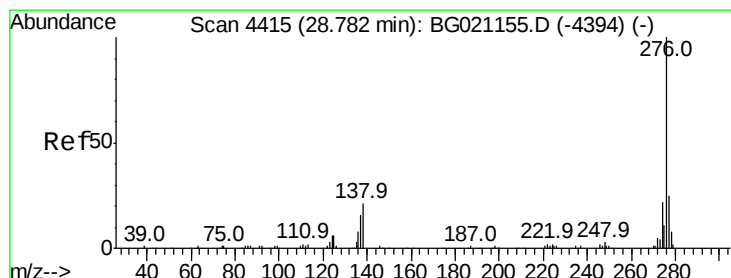
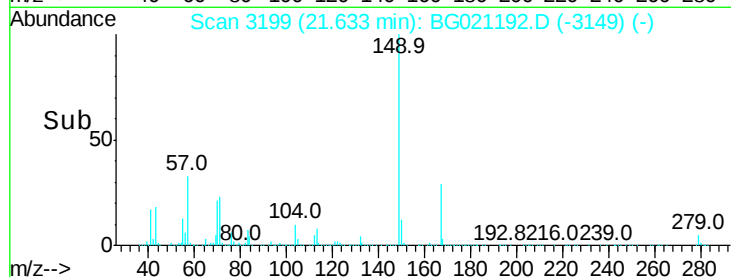
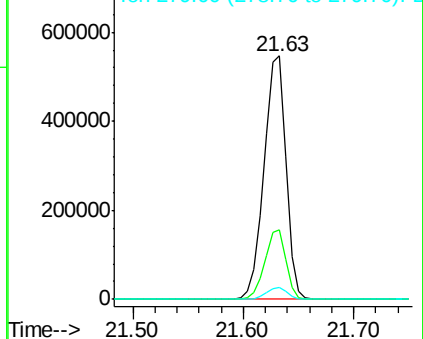
279 5.1 3.0 4.6#



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: 9.37 ng

RT: 28.74 min Scan# 4408

Delta R.T. -0.05 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

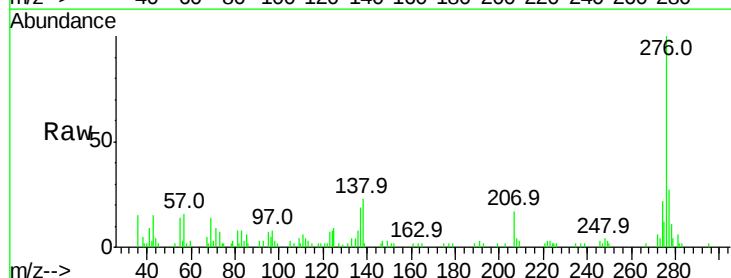
Tgt Ion:276 Resp: 46819

Ion Ratio Lower Upper

276 100

138 24.1 0.0 0.0#

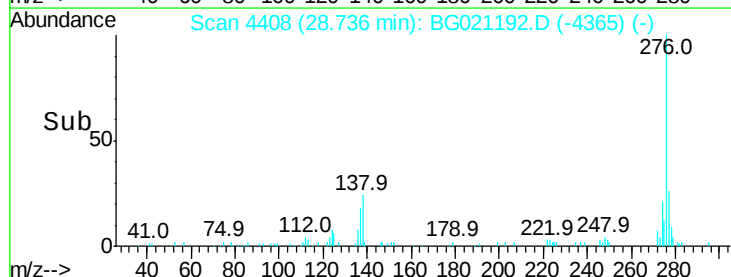
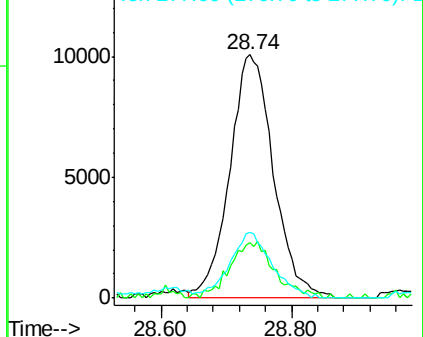
277 26.4 0.0 0.0#

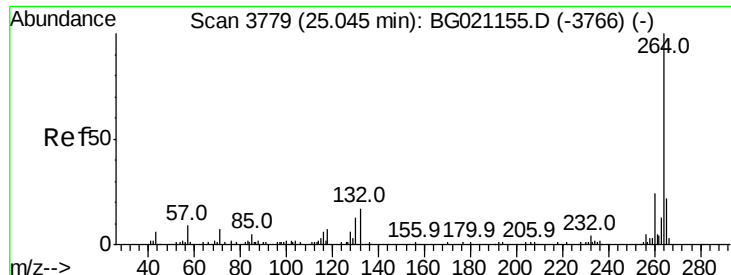


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

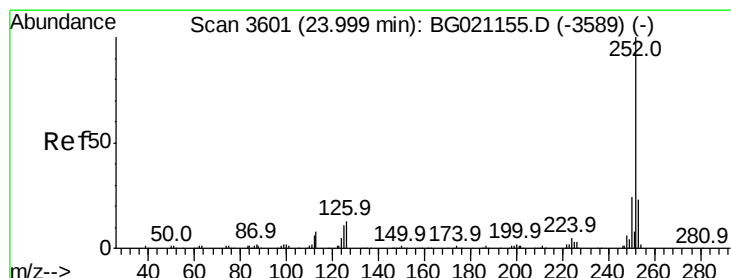
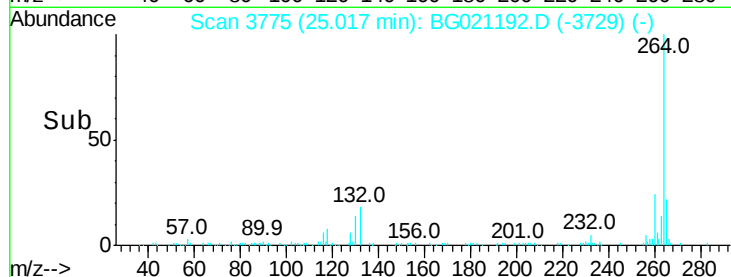
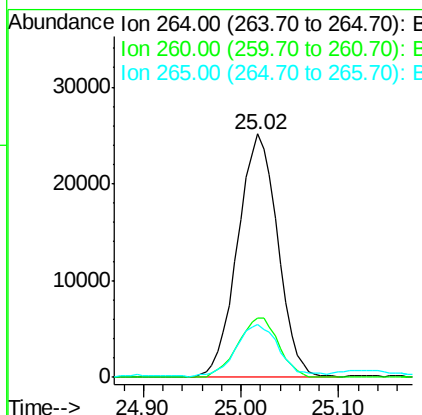
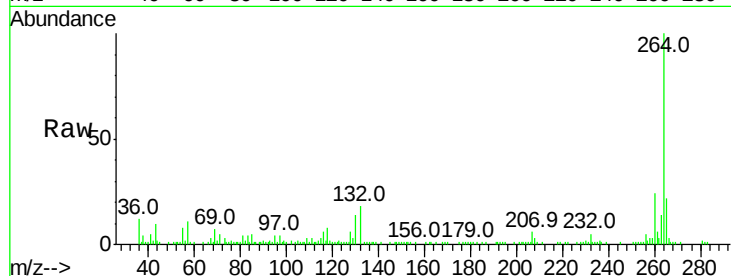




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3775
Delta R.T. -0.03 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

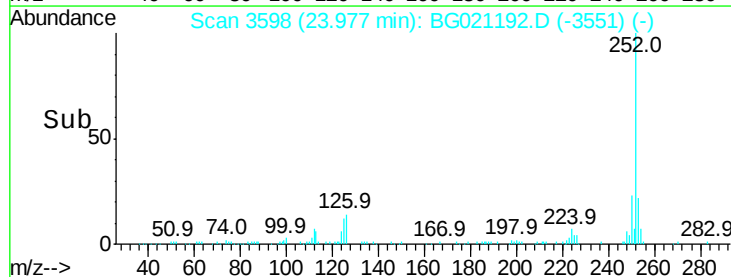
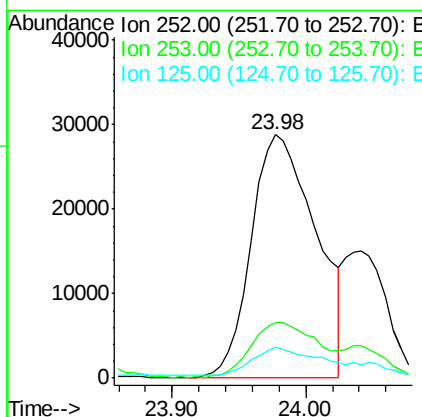
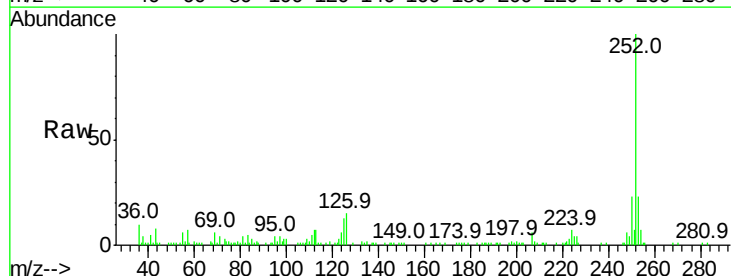
Instrument :
BNA_G
ClientSampleId :
CEB-1(10-12)20160224

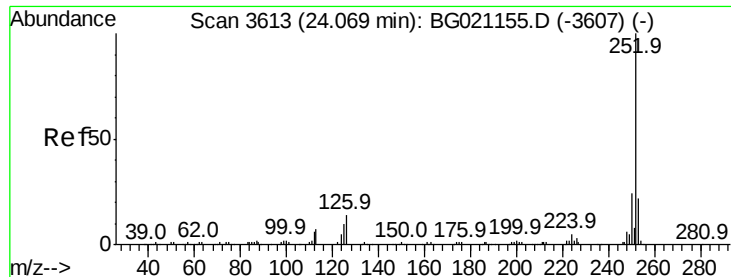
Tot Ion:264 Resp: 71924
Ion Ratio Lower Upper
264 100
260 24.4 18.5 27.7
265 21.9 18.6 28.0



#87
Benzo(b)fluoranthene
Concen: 21.42 ng
RT: 23.98 min Scan# 3598
Delta R.T. -0.02 min
Lab File: BG021192.D
Acq: 1 Mar 2016 20:25

Tgt Ion:252 Resp: 96881
Ion Ratio Lower Upper
252 100
253 23.0 16.8 25.2
125 12.8 8.2 12.2#





#88

Benzo(k)fluoranthene

Concen: 21.38 ng

RT: 23.98 min Scan# 3598

Delta R.T. -0.09 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

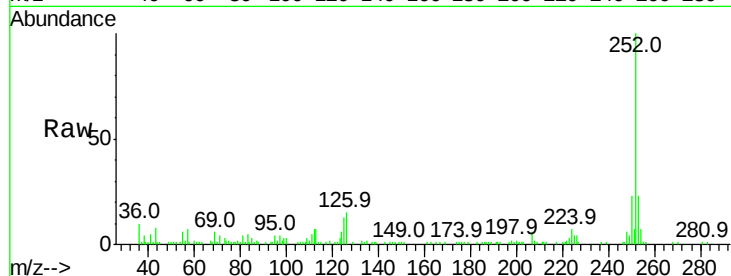
Tot Ion:252 Resp: 96881

Ion Ratio Lower Upper

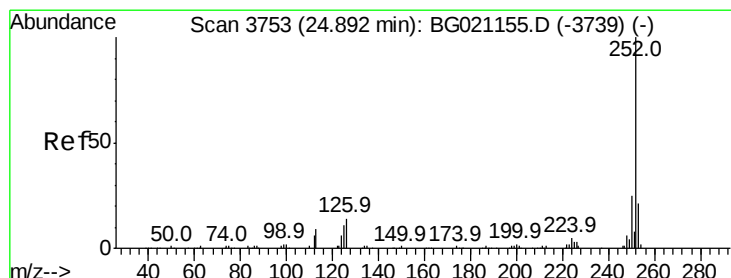
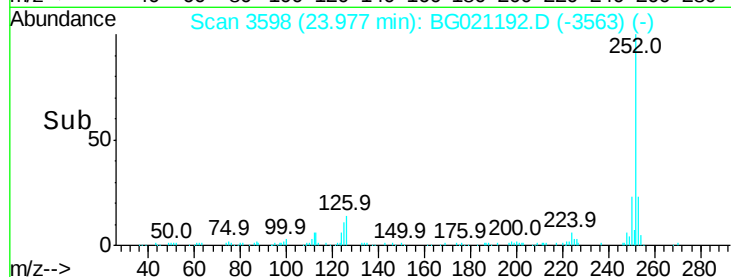
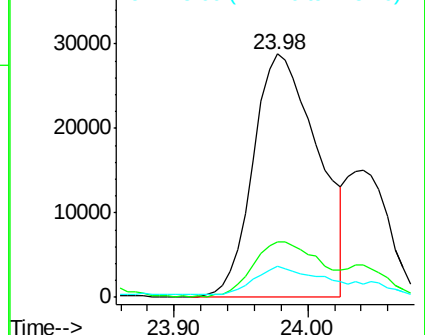
252 100

253 23.0 16.4 24.6

125 12.8 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: 16.50 ng

RT: 24.86 min Scan# 3749

Delta R.T. -0.03 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

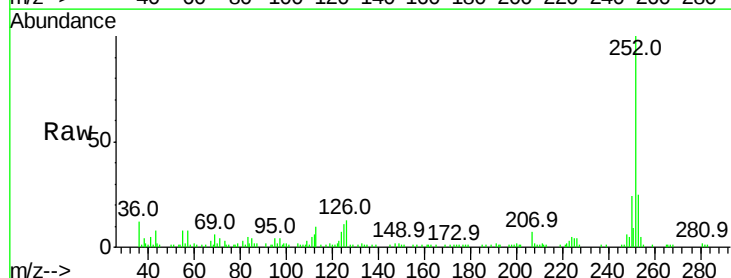
Tgt Ion:252 Resp: 72158

Ion Ratio Lower Upper

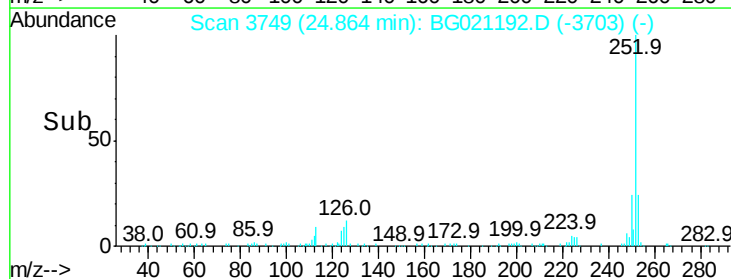
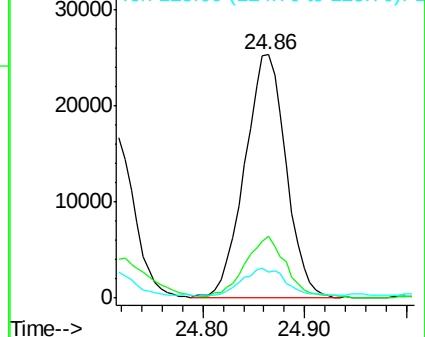
252 100

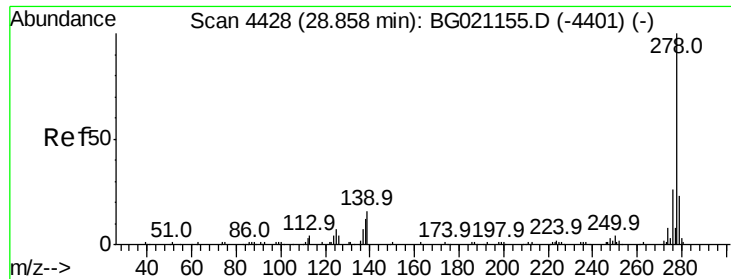
253 25.4 15.8 23.8#

125 10.5 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: 3.05 ng

RT: 28.79 min Scan# 4418

Delta R.T. -0.06 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

Instrument :

BNA_G

ClientSampleId :

CEB-1(10-12)20160224

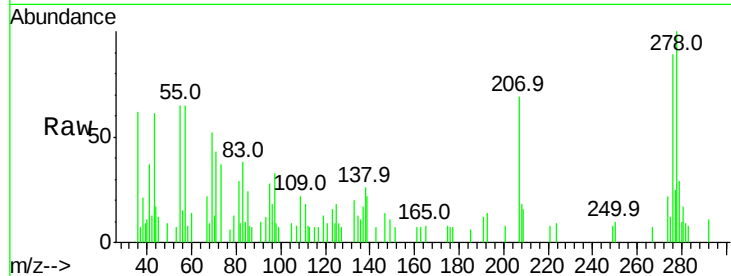
Tot Ion:278 Resp: 13209

Ion Ratio Lower Upper

278 100

139 22.1 10.6 15.8#

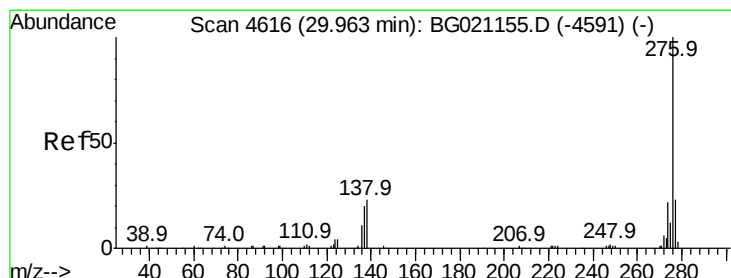
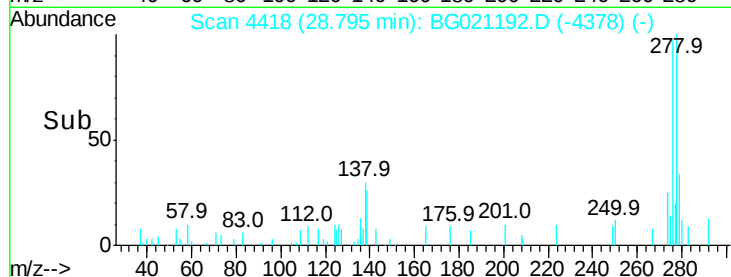
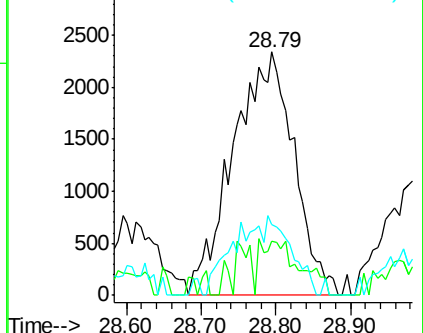
279 29.1 19.7 29.5



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: 10.46 ng

RT: 29.90 min Scan# 4606

Delta R.T. -0.06 min

Lab File: BG021192.D

Acq: 1 Mar 2016 20:25

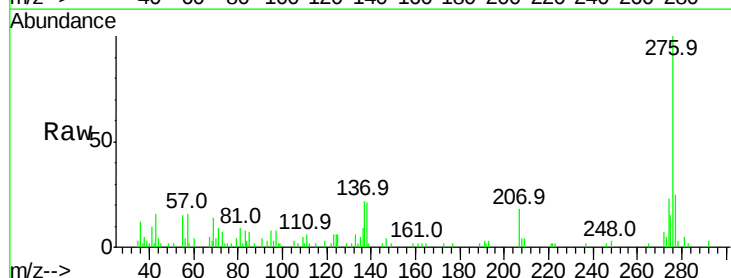
Tgt Ion:276 Resp: 43734

Ion Ratio Lower Upper

276 100

277 25.4 16.6 25.0#

138 21.0 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

