

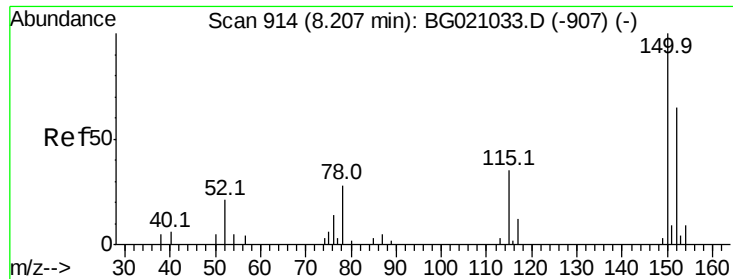
Data Path : U:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021056.D
 Acq On : 24 Feb 2016 17:52
 Operator : UM/SJ
 Sample : H1520-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 24 23:58:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	3617	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	20178	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	10669	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	19734	20.00	ng	0.00
75) Chrysene-d12	21.84	240	21417	20.00	ng	0.01
86) Perylene-d12	25.17	264	18532	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	23707	114.91	ng	0.00
7) Phenol-d6	7.40	99	45036	141.74	ng	0.00
23) Nitrobenzene-d5	9.38	82	31346	91.21	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	4963	38.83	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	59914	78.18	ng	0.00
78) Terphenyl-d14	20.14	244	63441	38.44	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.08	128	10743	10.18	ng	99
33) 4-Chloroaniline	11.08	127	1226	2.90	ng	# 29
37) 2-Methylnaphthalene	12.66	142	10362	13.49	ng	94
45) 1,1'-Biphenyl	13.65	154	5704	6.16	ng	96
49) Dimethylphthalate	14.27	163	12915	14.85	ng	99
51) Acenaphthene	14.88	154	85474	125.56	ng	96
54) Dibenzofuran	15.22	168	80052	82.82	ng	93
55) 4-Nitrophenol	15.22	139	34237	194.06	ng	# 9
56) 2,4-Dinitrotoluene	15.12	165	512	2.00	ng	# 39
57) Fluorene	15.86	166	100394	109.93	ng	98
61) 4-Nitroaniline	15.86	138	1190	5.55	ng	# 19
70) Phenanthrene	17.70	178	256826	230.07	ng	99
71) Anthracene	17.70	178	256826	230.91	ng	98
72) Carbazole	17.98	167	117082	116.82	ng	98
74) Fluoranthene	19.62	202	1266186	1127.91	ng	92
77) Pyrene	19.98	202	850019	347.37	ng	# 92
80) Benzo(a)anthracene	21.83	228	383457	298.58	ng	98
81) 3,3'-Dichlorobenzidine	21.88	252	1871	3.95	ng	# 1
82) Chrysene	21.90	228	295717	246.80	ng	95
85) Indeno(1,2,3-cd)pyrene	29.02	276	138385	128.42	ng	# 100
87) Benzo(b)fluoranthene	24.13	252	352300	288.34	ng	97
88) Benzo(k)fluoranthene	24.19	252	99773	86.56	ng	94
89) Benzo(a)pyrene	25.04	252	256276	234.09	ng	# 94
90) Dibenzo(a,h)anthracene	29.03	278	37222	37.75	ng	98
91) Benzo(g,h,i)perylene	30.20	276	120960	122.93	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Instrument :

BNA_G

ClientSampled :

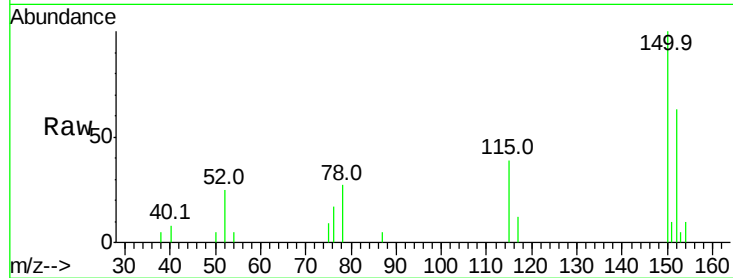
Tot Ion:152 Resp: 3617

Ion Ratio Lower Upper

152 100

150 159.7 123.4 185.2

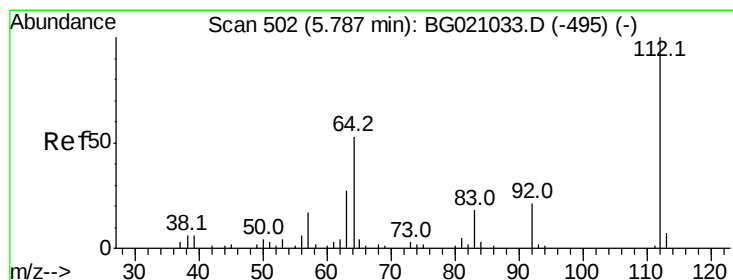
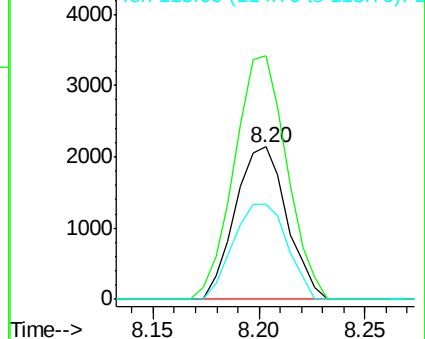
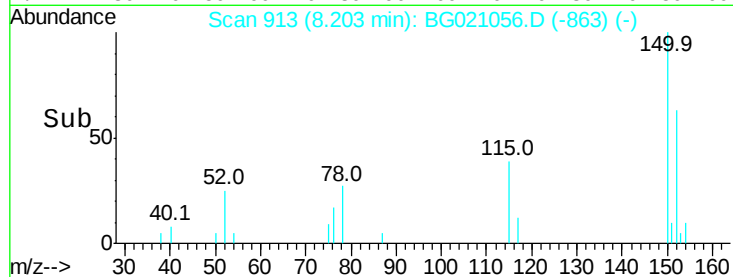
115 62.4 43.3 64.9



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: 114.91 ng

RT: 5.78 min Scan# 500

Delta R.T. -0.01 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

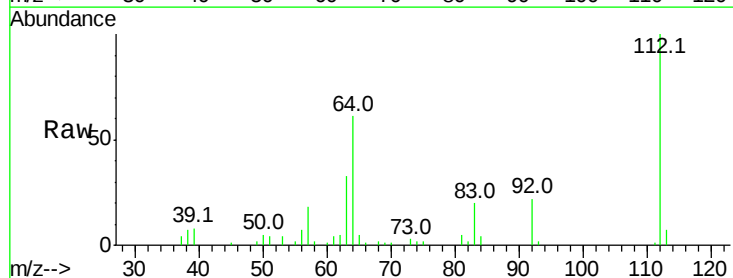
Tgt Ion:112 Resp: 23707

Ion Ratio Lower Upper

112 100

64 60.8 42.6 63.8

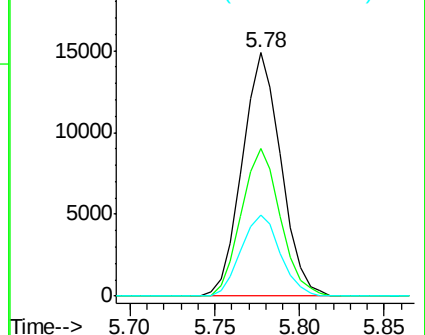
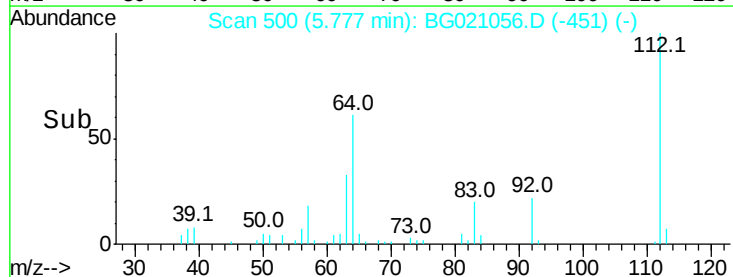
63 33.2 21.7 32.5#

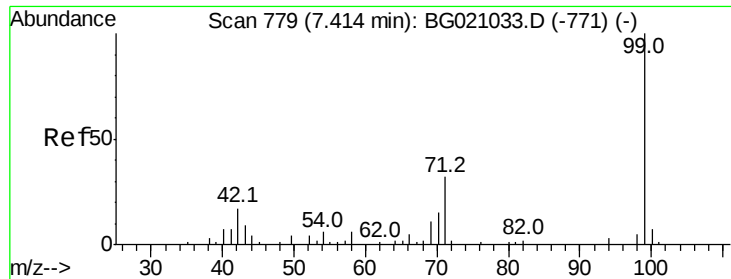


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 141.74 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

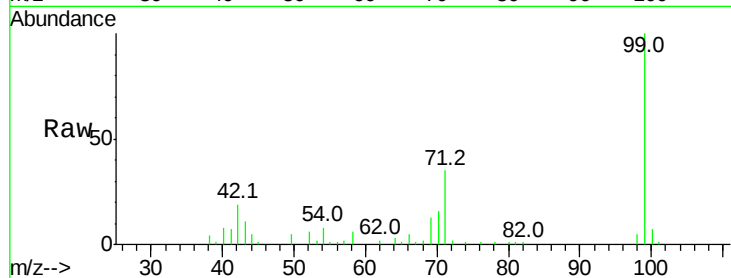
Tot Ion: 99 Resp: 45036

Ion Ratio Lower Upper

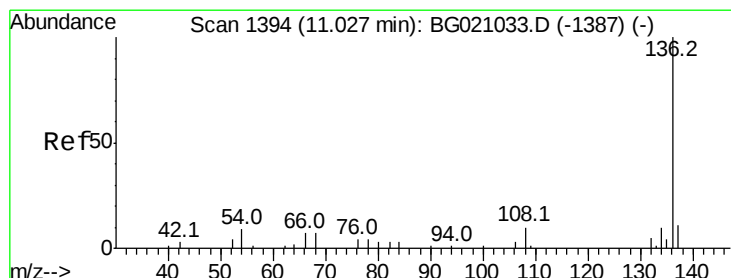
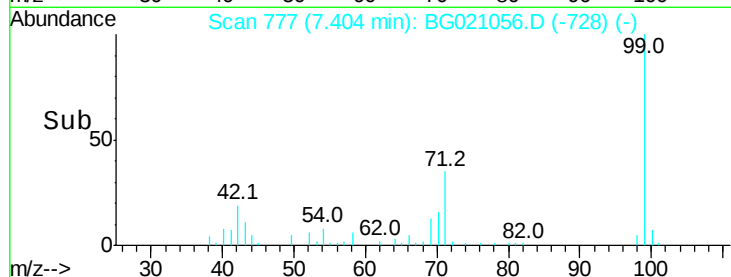
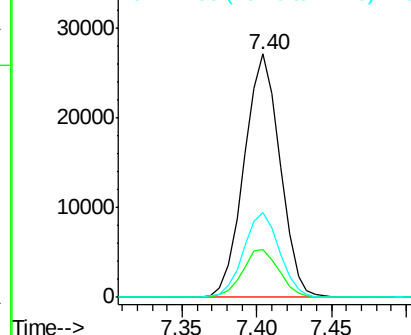
99 100

42 19.4 13.2 19.8

71 34.7 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: 11.02 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Tgt Ion: 136 Resp: 20178

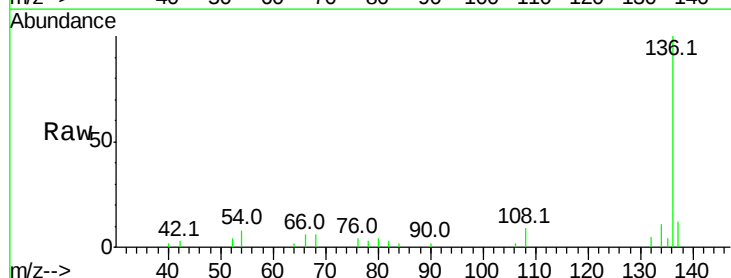
Ion Ratio Lower Upper

136 100

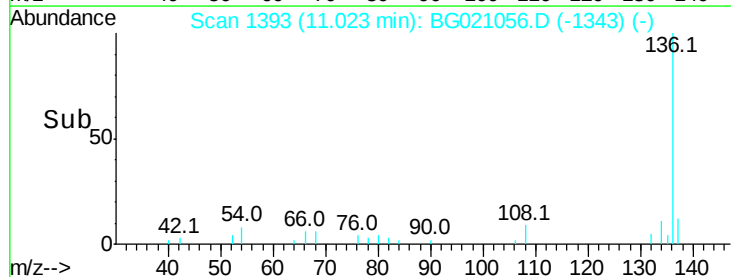
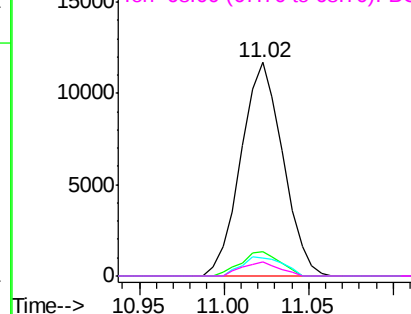
137 11.5 8.8 13.2

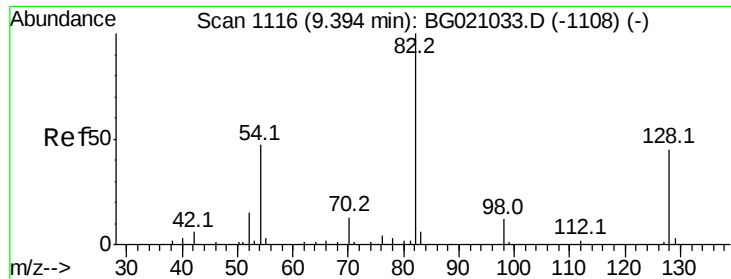
54 8.3 6.9 10.3

68 6.3 5.8 8.6



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





#23

Nitrobenzene-d5

Concen: 91.21 ng

RT: 9.38 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Instrument :

BNA_G

ClientSampled :

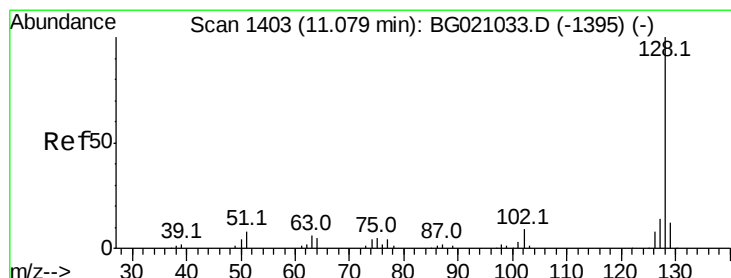
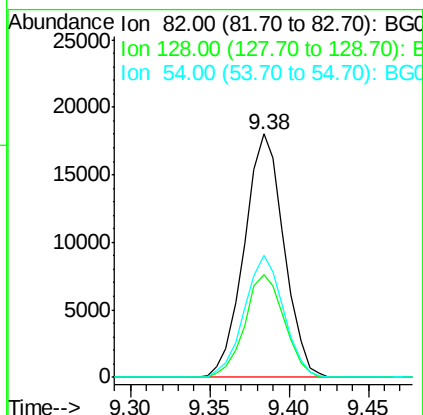
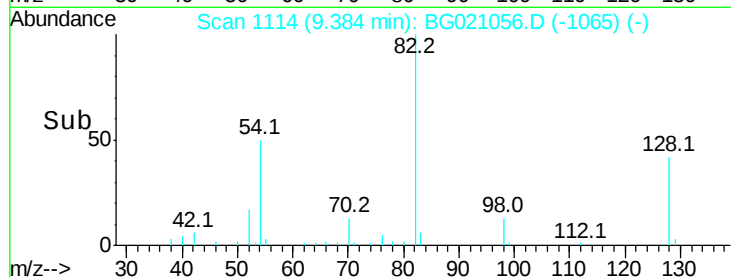
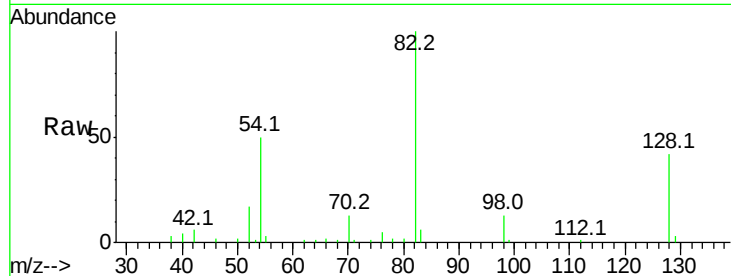
Tot Ion: 82 Resp: 31346

Ion Ratio Lower Upper

82 100

128 42.1 36.3 54.5

54 50.0 37.6 56.4



#31

Naphthalene

Concen: 10.18 ng

RT: 11.08 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

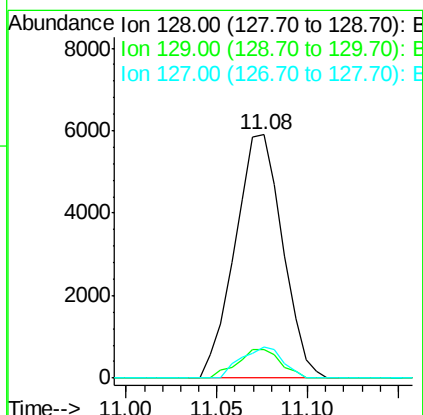
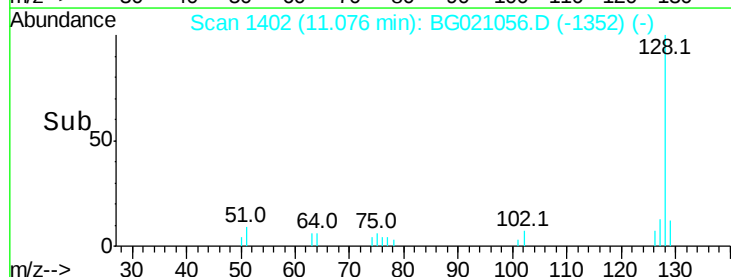
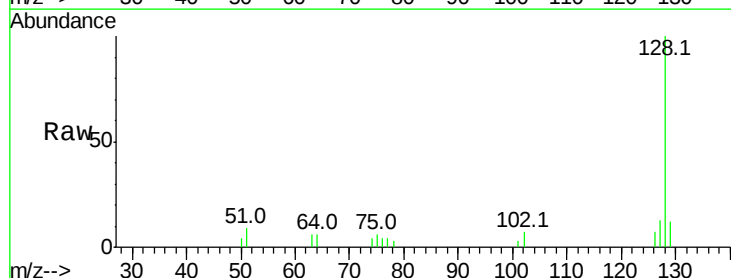
Tgt Ion: 128 Resp: 10743

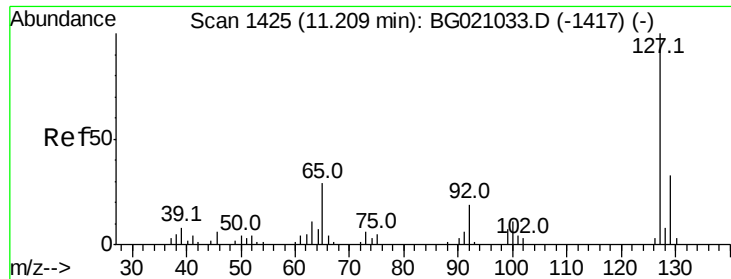
Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

127 13.0 10.8 16.2

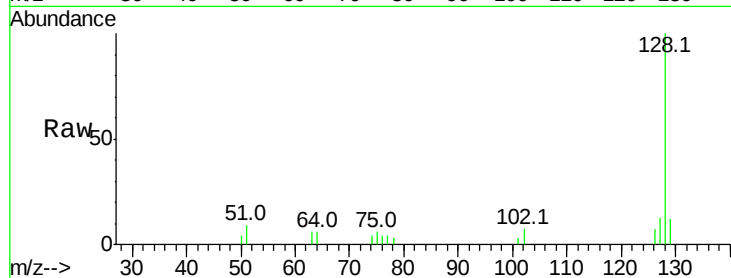




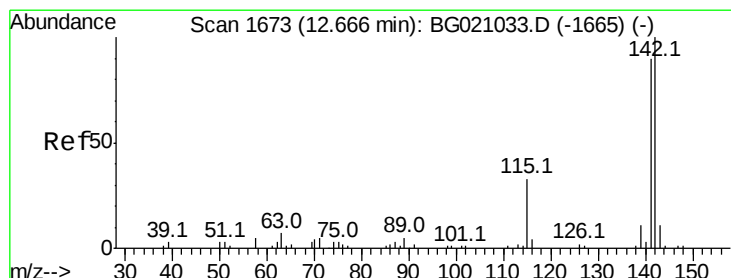
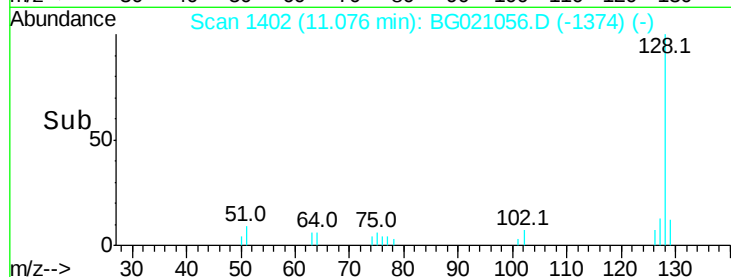
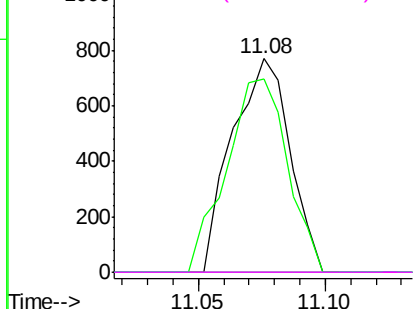
#33
4-Chloroaniline
Concen: 2.90 ng
RT: 11.08 min Scan# 1402
Delta R.T. -0.13 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 1226
Ion Ratio Lower Upper
127 100
129 90.3 26.2 39.2#
65 0.0 22.9 34.3#
92 0.0 15.0 22.6#

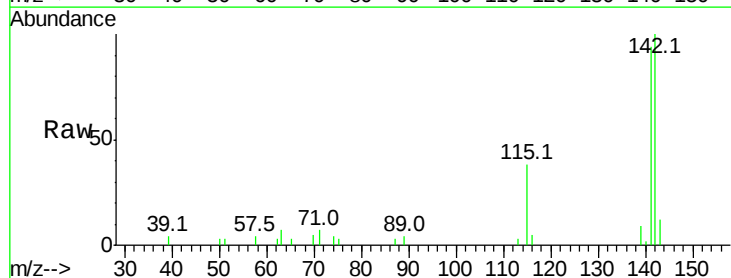


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

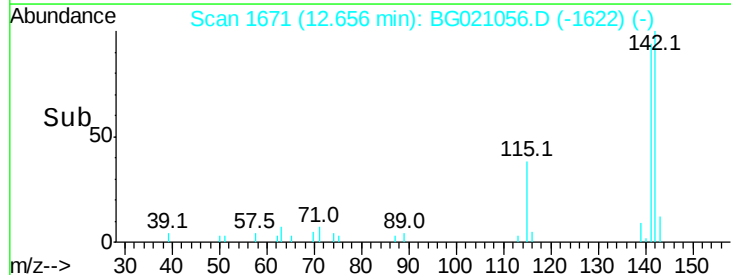
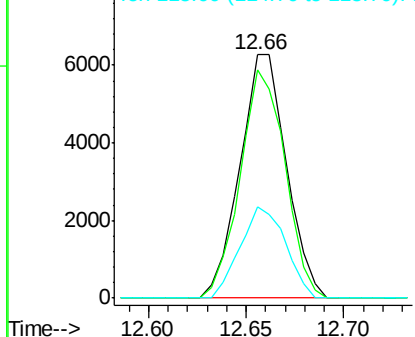


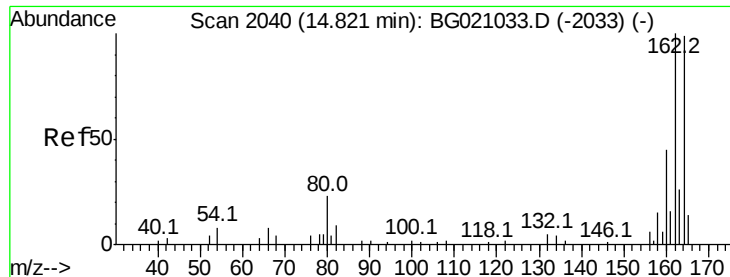
#37
2-Methylnaphthalene
Concen: 13.49 ng
RT: 12.66 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

Tgt Ion:142 Resp: 10362
Ion Ratio Lower Upper
142 100
141 94.0 71.7 107.5
115 37.6 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

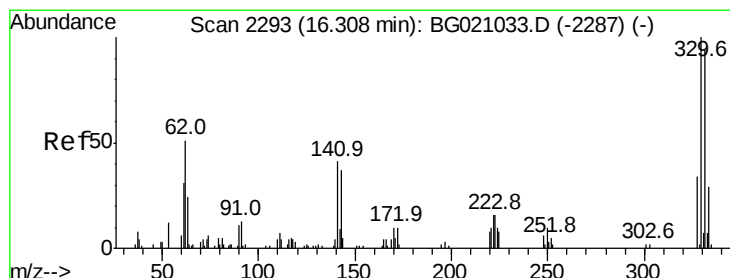
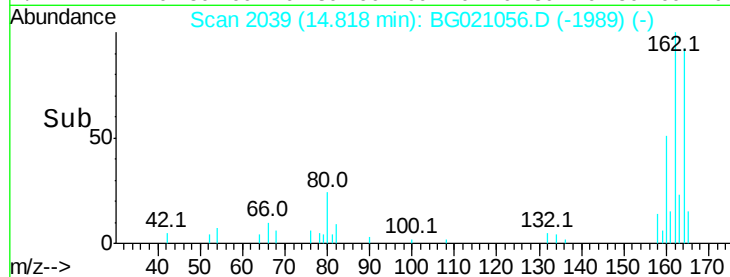
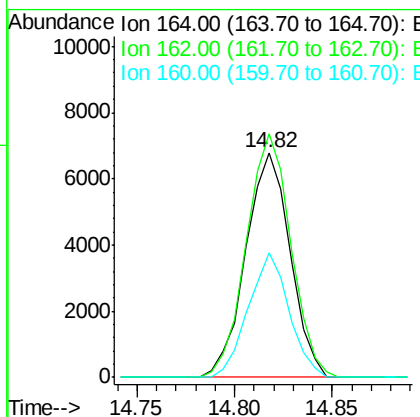
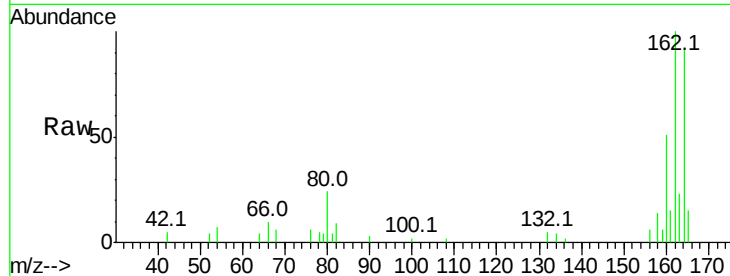




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

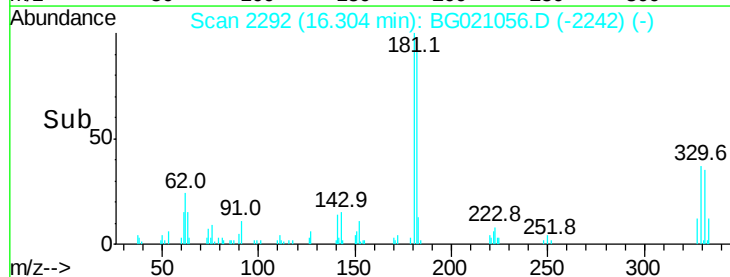
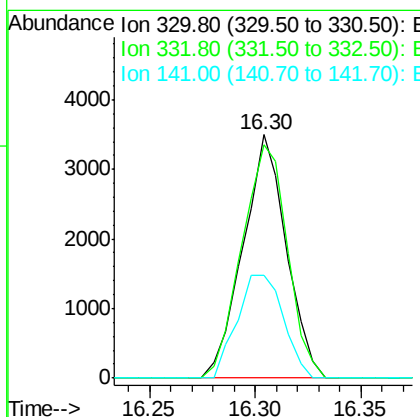
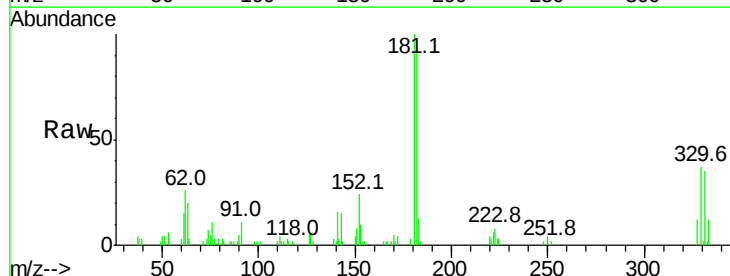
Instrument :
BNA_G
ClientSampleId :

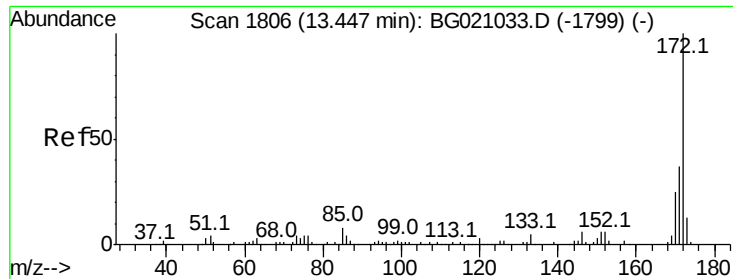
Tot Ion:164 Resp: 10669
Ion Ratio Lower Upper
164 100
162 108.4 80.6 120.8
160 55.6 36.5 54.7#



#41
2,4,6-Tribromophenol
Concen: 38.83 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

Tgt Ion:330 Resp: 4963
Ion Ratio Lower Upper
330 100
332 101.0 77.4 116.0
141 45.5 35.3 52.9

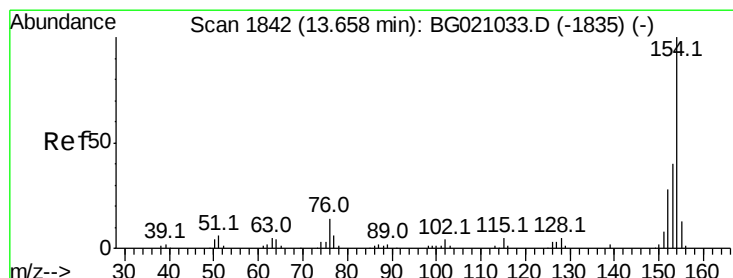
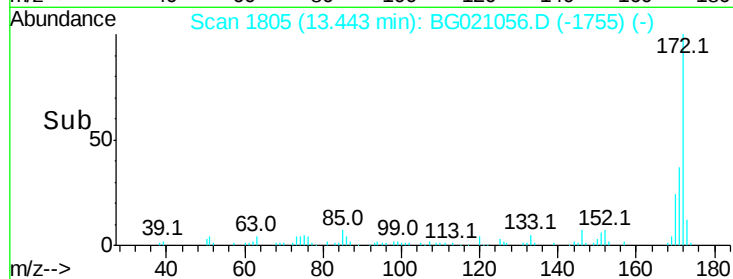
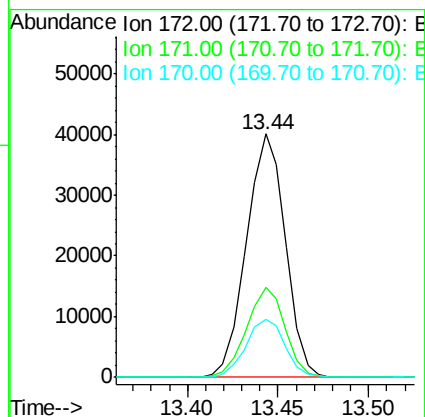
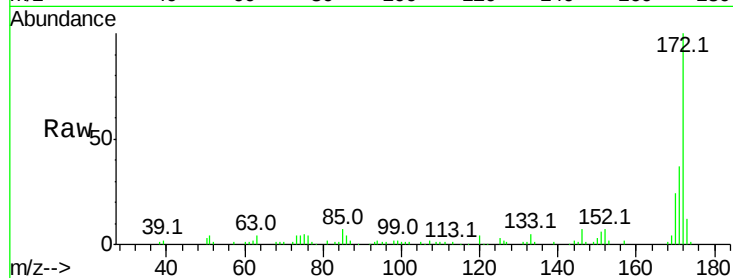




#44
 2-Fluorobiphenyl
 Concen: 78.18 ng
 RT: 13.44 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG021056.D
 Acq: 24 Feb 2016 17:52

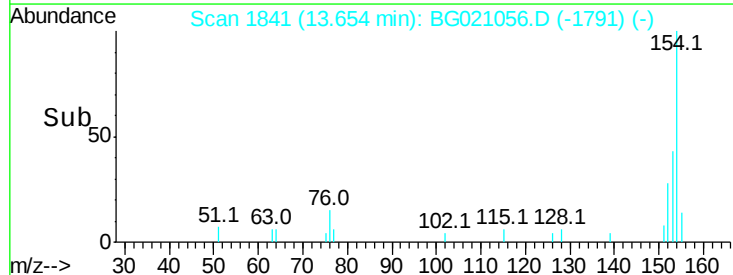
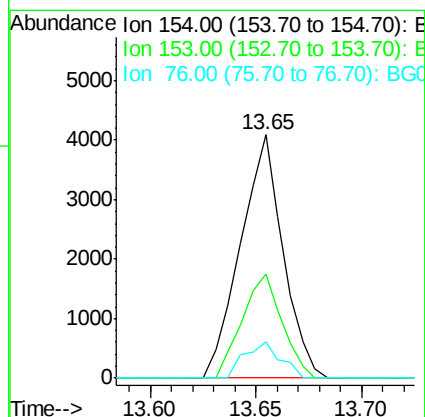
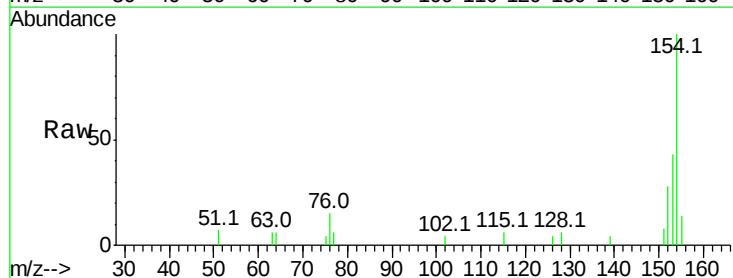
Instrument :
 BNA_G
 ClientSampled :

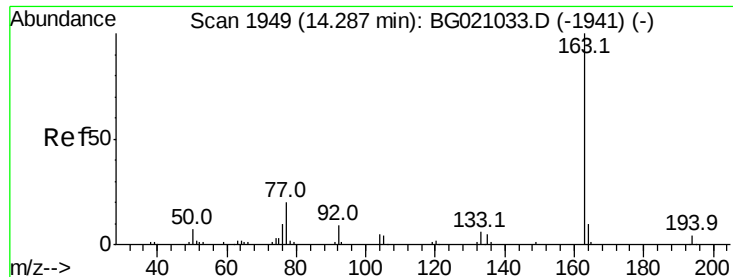
Tot Ion:172 Resp: 59914
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 24.1 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 6.16 ng
 RT: 13.65 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG021056.D
 Acq: 24 Feb 2016 17:52

Tgt Ion:154 Resp: 5704
 Ion Ratio Lower Upper
 154 100
 153 42.6 19.8 59.8
 76 14.9 0.0 33.6





#49

Dimethylphthalate

Concen: 14.85 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

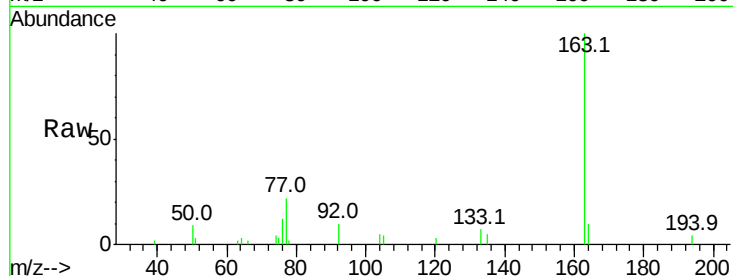
Tot Ion:163 Resp: 12915

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

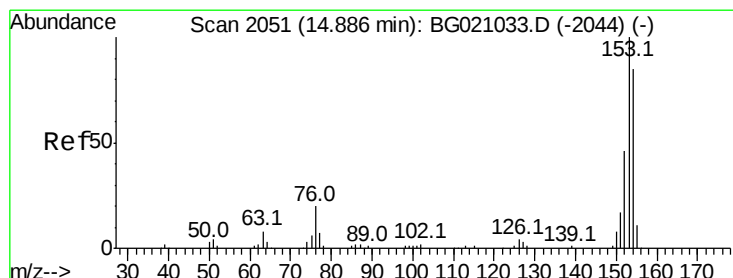
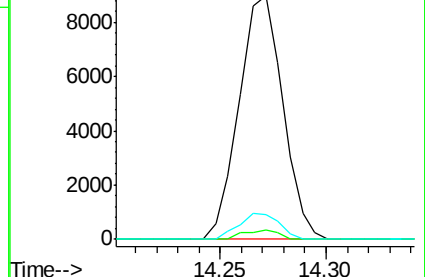
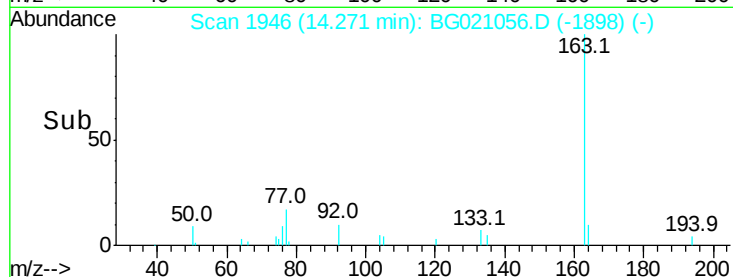
164 10.3 7.9 11.9



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: 125.56 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

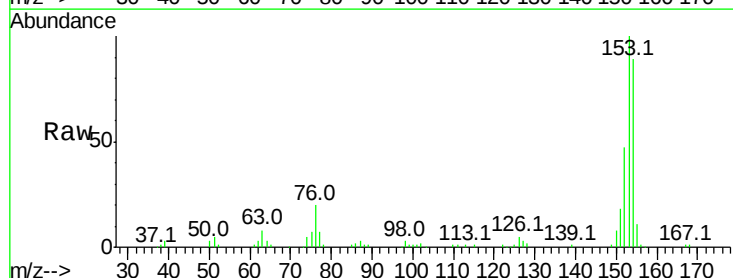
Tgt Ion:154 Resp: 85474

Ion Ratio Lower Upper

154 100

153 112.5 94.2 141.2

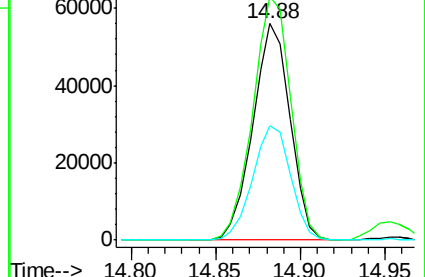
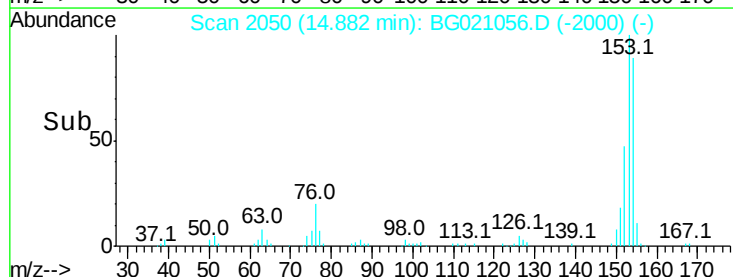
152 52.8 42.9 64.3

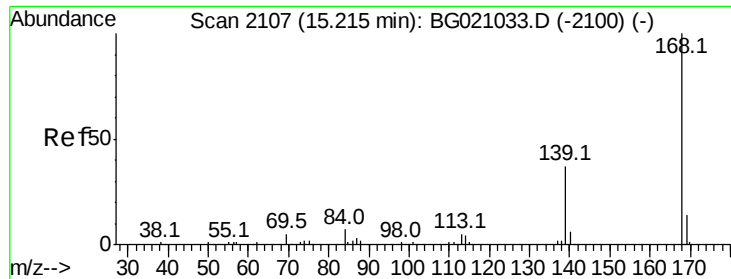


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

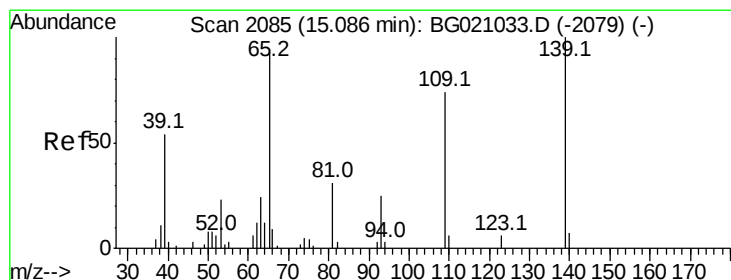
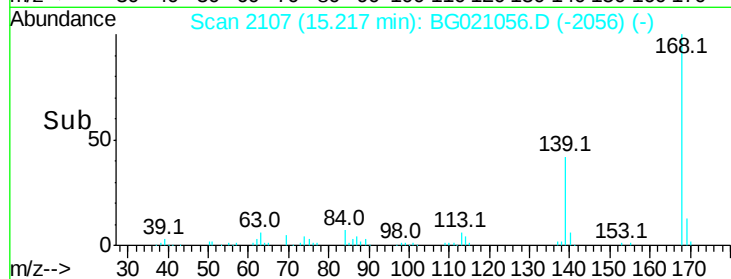
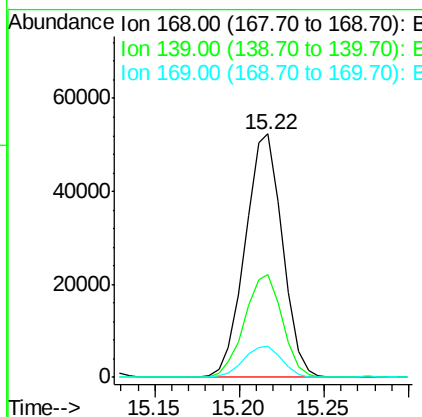
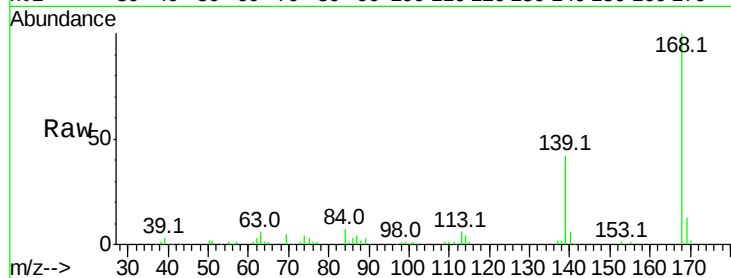




#54
Dibenzenofuran
Concen: 82.82 ng
RT: 15.22 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

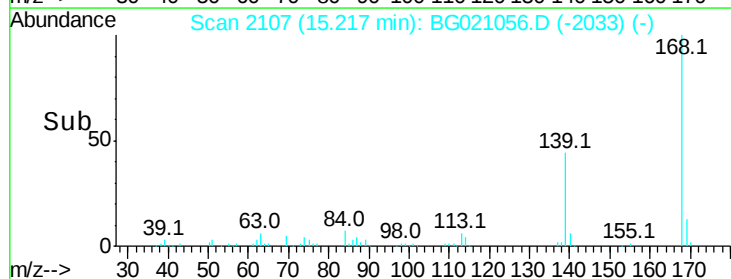
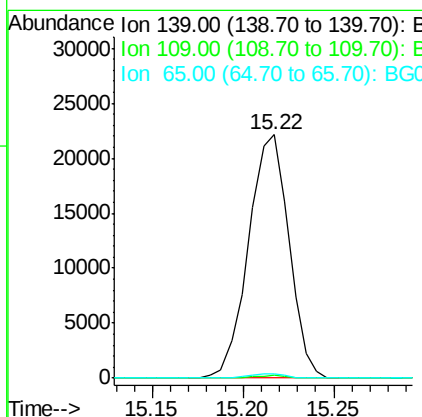
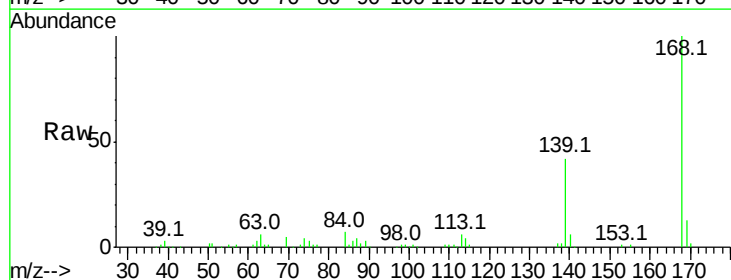
Instrument :
BNA_G
ClientSampleId :

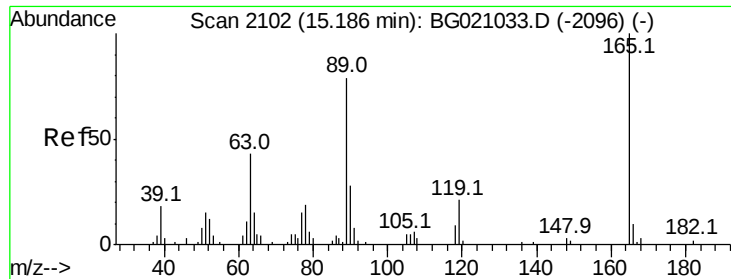
Tot Ion:168 Resp: 80052
Ion Ratio Lower Upper
168 100
139 42.3 29.8 44.8
169 13.0 11.4 17.2



#55
4-Nitrophenol
Concen: 194.06 ng
RT: 15.22 min Scan# 2107
Delta R.T. 0.13 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

Tgt Ion:139 Resp: 34237
Ion Ratio Lower Upper
139 100
109 1.2 54.1 94.1#
65 1.6 73.4 113.4#

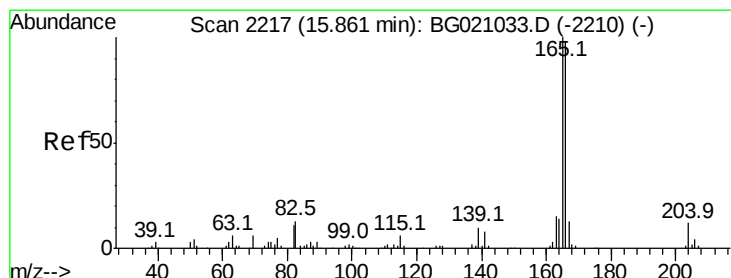
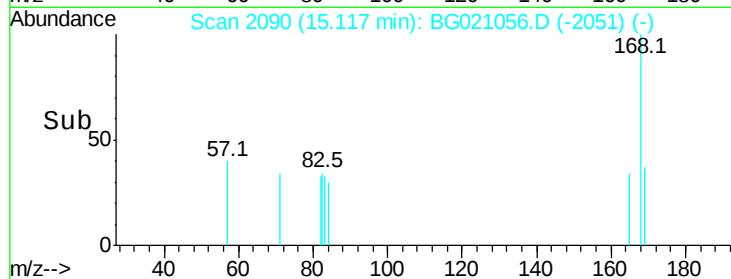
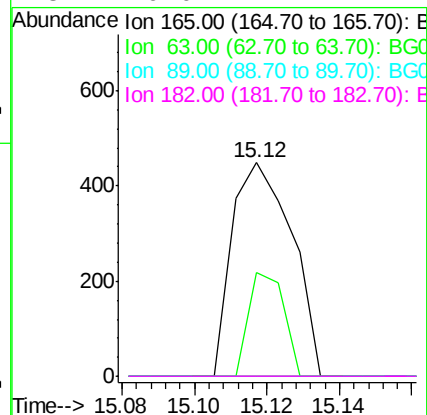
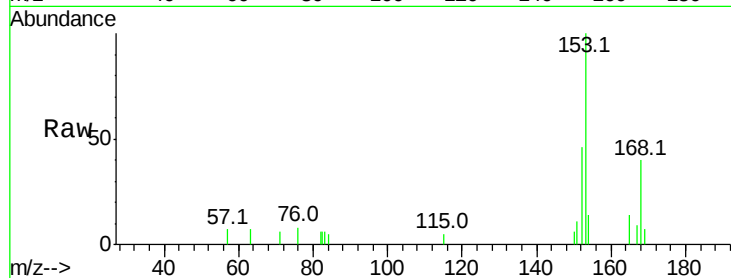




#56
2,4-Dinitrotoluene
Concen: 2.00 ng
RT: 15.12 min Scan# 2090
Delta R.T. -0.07 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

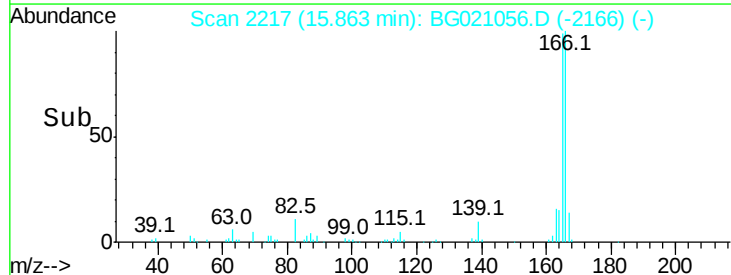
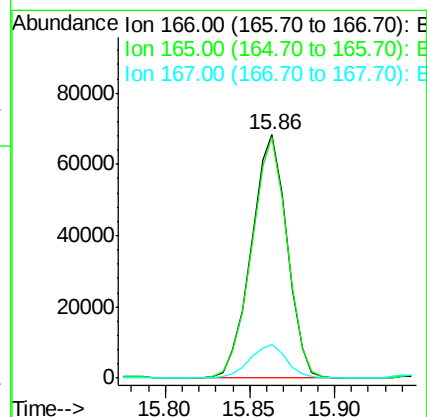
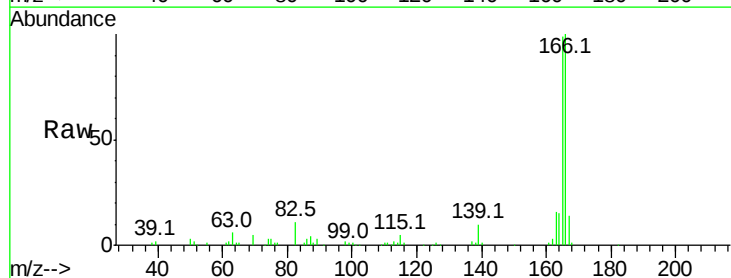
Instrument :
BNA_G
ClientSampleId :

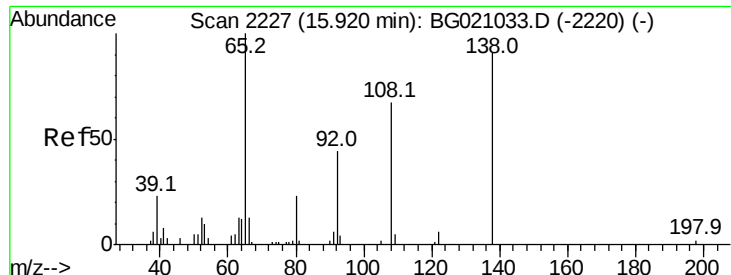
Tot Ion:165 Resp: 512
Ion Ratio Lower Upper
165 100
63 48.3 34.1 51.1
89 0.0 63.0 94.4#
182 0.0 1.4 2.2#



#57
Fluorene
Concen: 109.93 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

Tgt Ion:166 Resp: 100394
Ion Ratio Lower Upper
166 100
165 99.1 81.3 121.9
167 13.8 10.6 16.0





#61

4-Nitroaniline

Concen: 5.55 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.06 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Instrument :

BNA_G

ClientSampled :

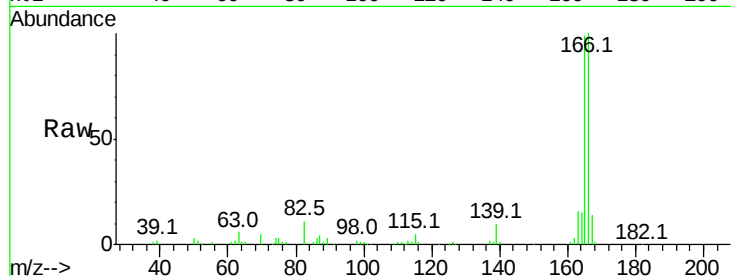
Tot Ion:138 Resp: 1190

Ion Ratio Lower Upper

138 100

92 0.0 28.0 68.0#

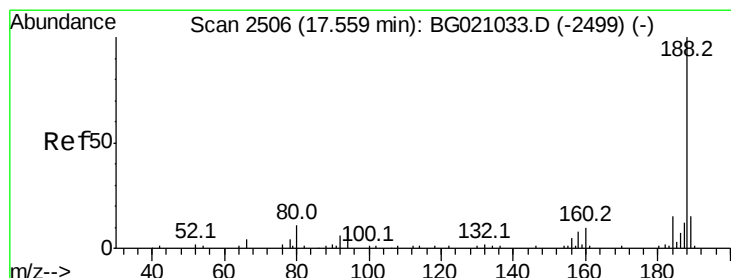
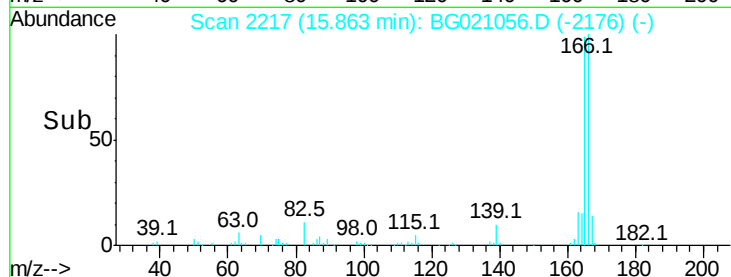
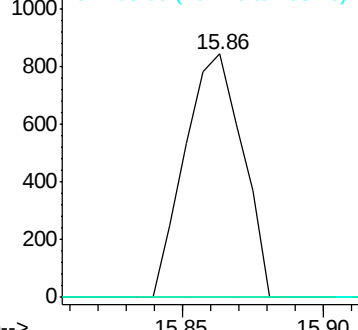
108 0.0 52.6 92.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

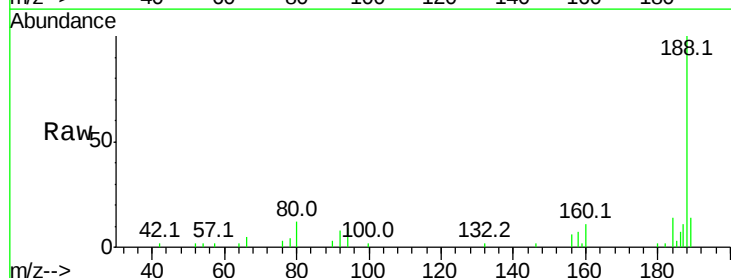
Tgt Ion:188 Resp: 19734

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

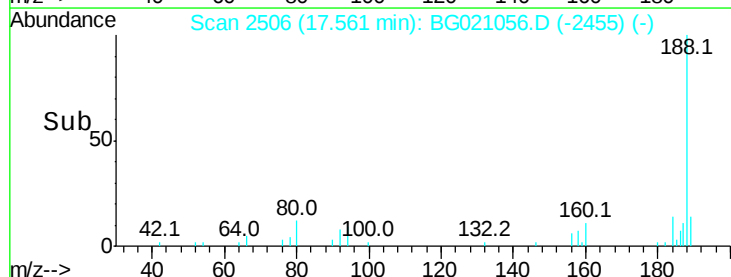
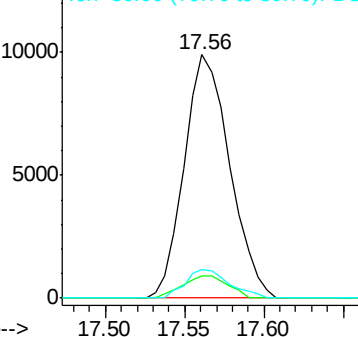
80 11.6 9.2 13.8

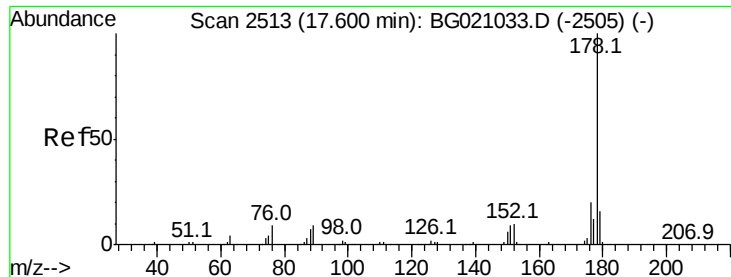


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

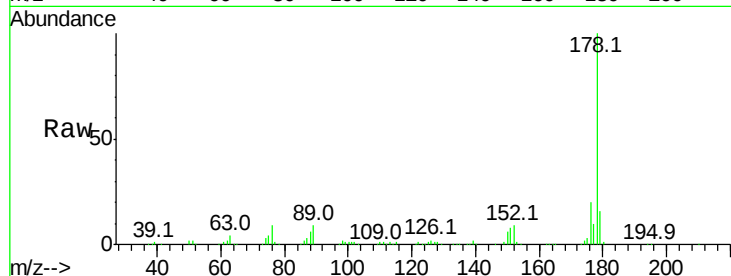




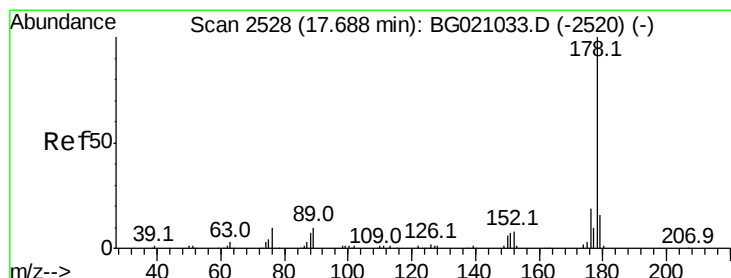
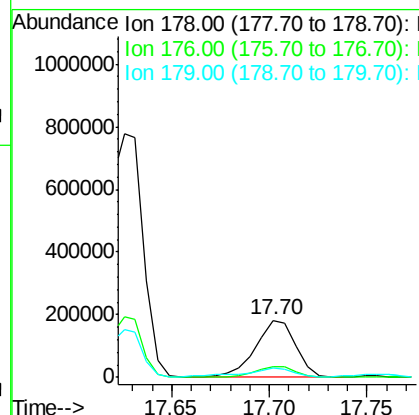
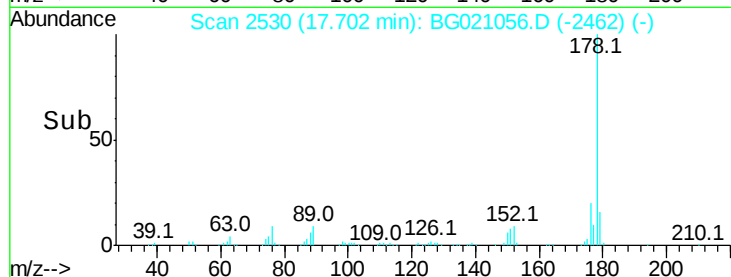
#70
Phenanthrene
Concen: 230.07 ng
RT: 17.70 min Scan# 2530
Delta R.T. 0.10 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 256826
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 16.3 12.9 19.3

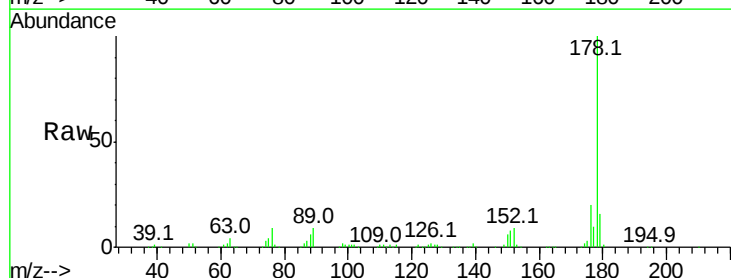


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

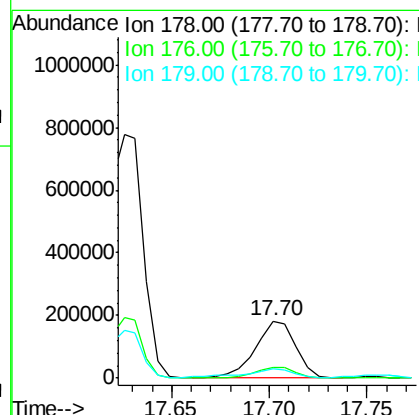
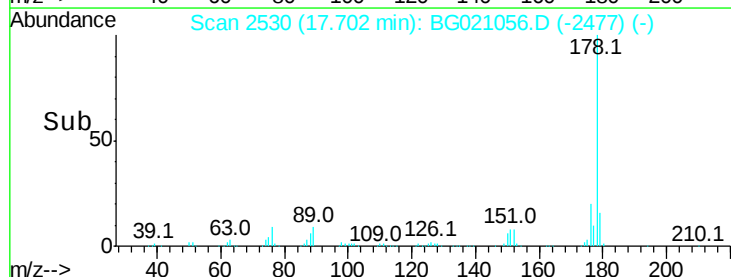


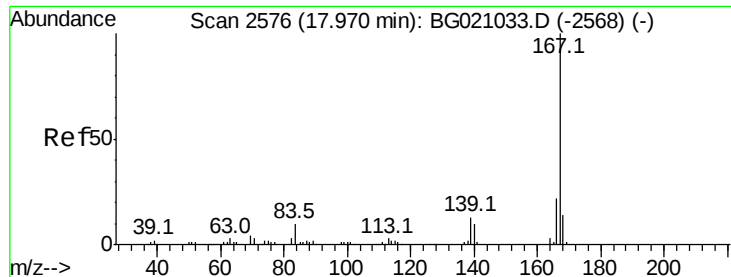
#71
Anthracene
Concen: 230.91 ng
RT: 17.70 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

Tgt Ion:178 Resp: 256826
Ion Ratio Lower Upper
178 100
176 19.7 14.8 22.2
179 16.3 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: 116.82 ng

RT: 17.98 min Scan# 2577

Delta R.T. 0.01 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

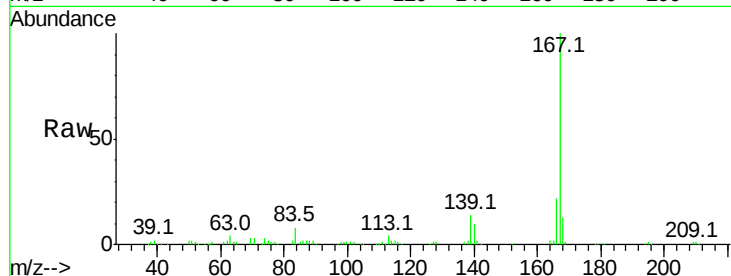
Tot Ion:167 Resp: 117082

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

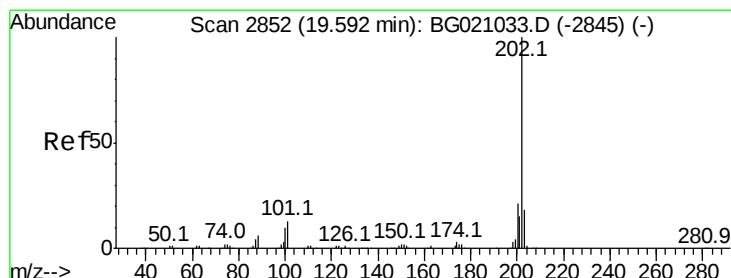
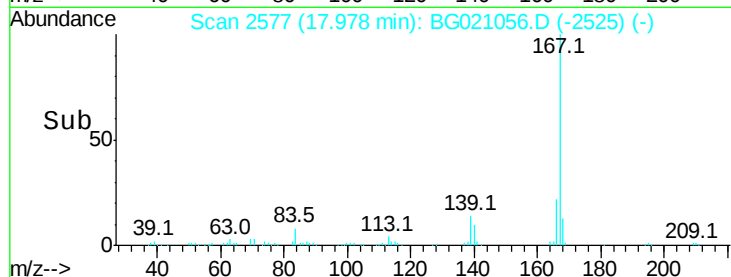
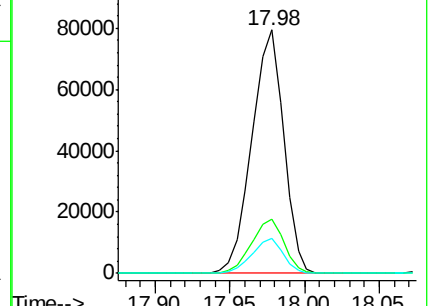
139 14.2 10.3 15.5



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: 1127.91 ng

RT: 19.62 min Scan# 2857

Delta R.T. 0.03 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

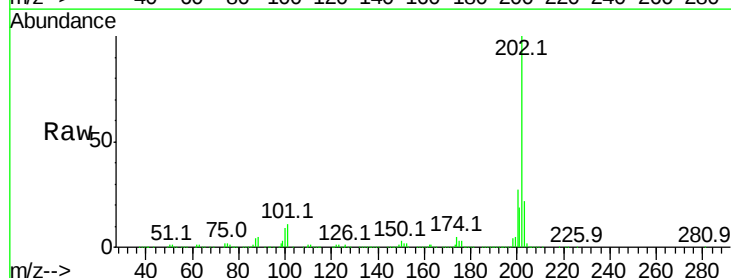
Tgt Ion:202 Resp: 1266186

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.5

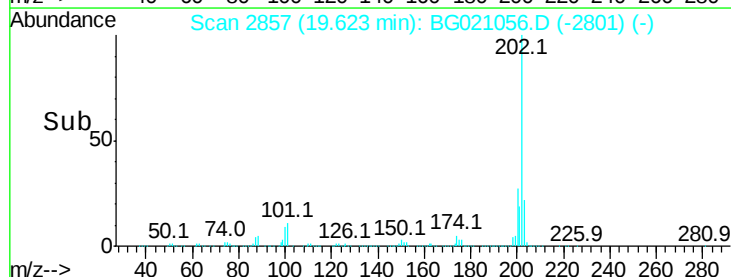
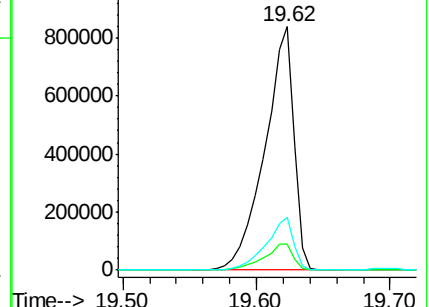
203 21.9 0.0 37.6

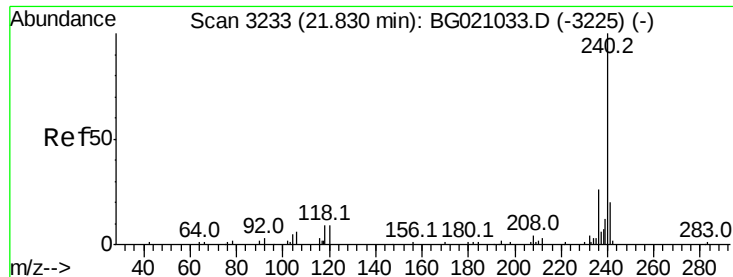


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 3235

Delta R.T. 0.01 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

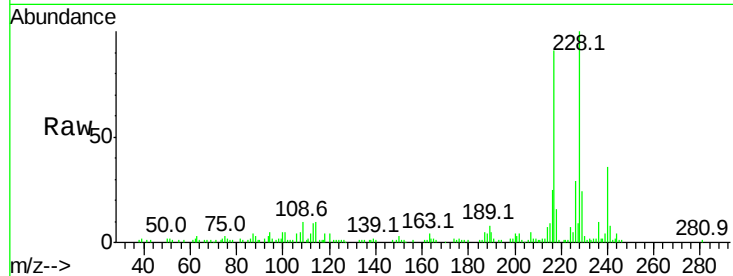
Tot Ion:240 Resp: 21417

Ion Ratio Lower Upper

240 100

120 10.7 7.5 11.3

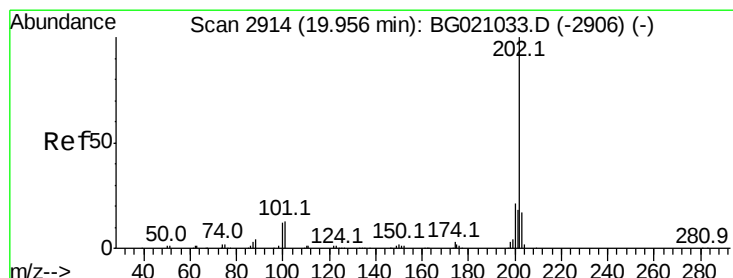
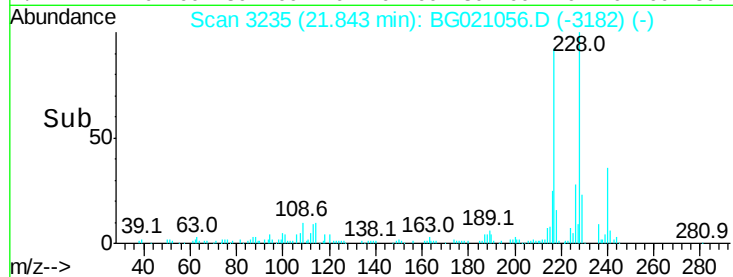
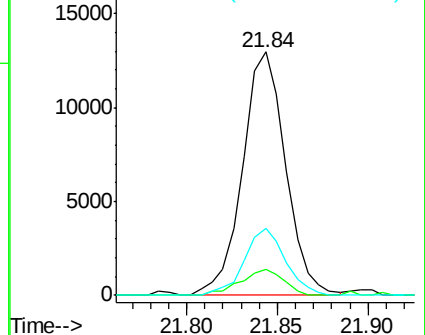
236 27.7 20.5 30.7



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: 347.37 ng

RT: 19.98 min Scan# 2918

Delta R.T. 0.03 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

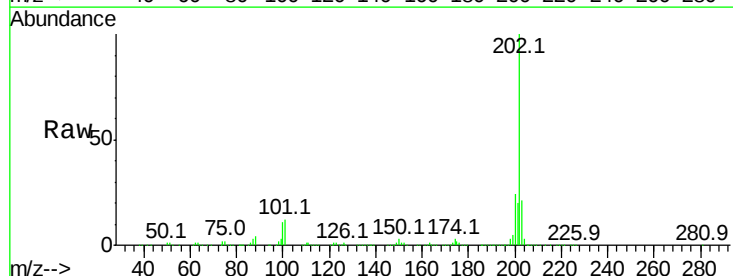
Tgt Ion:202 Resp: 850019

Ion Ratio Lower Upper

202 100

200 24.3 16.6 25.0

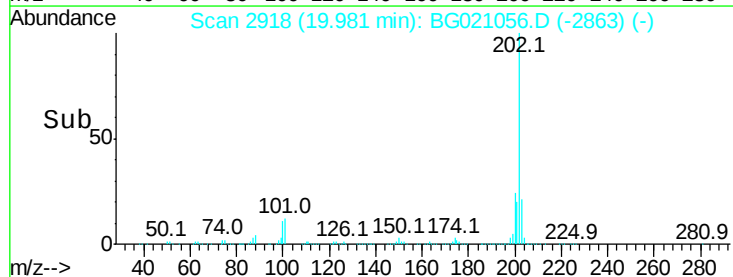
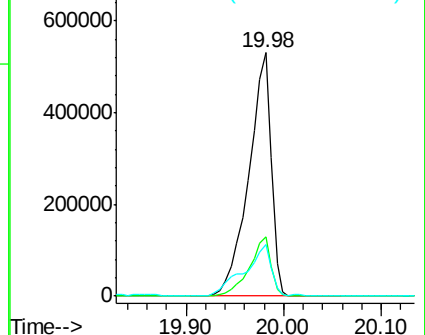
203 21.4 13.8 20.8#

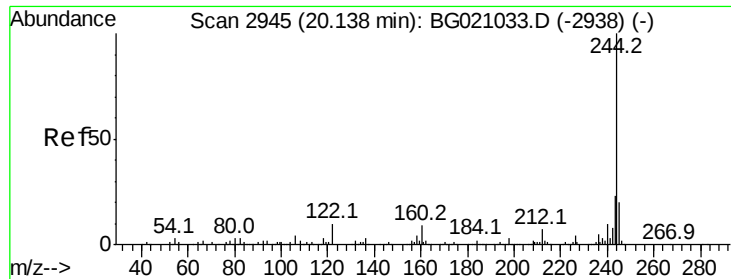


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 38.44 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

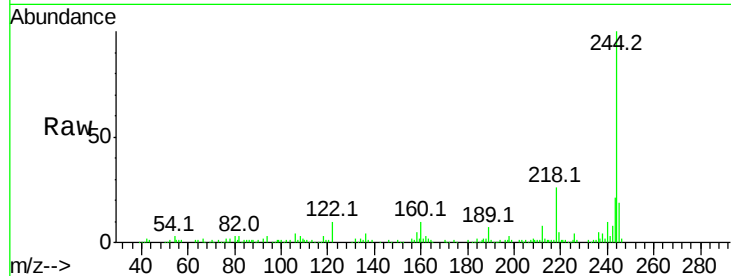
Tot Ion:244 Resp: 63441

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

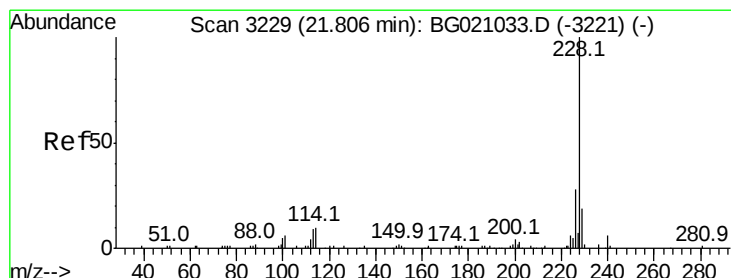
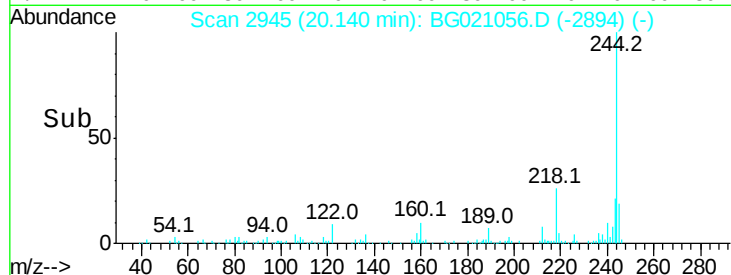
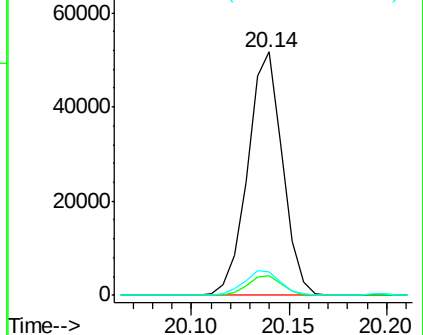
122 9.6 8.3 12.5



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: 298.58 ng

RT: 21.83 min Scan# 3232

Delta R.T. 0.02 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

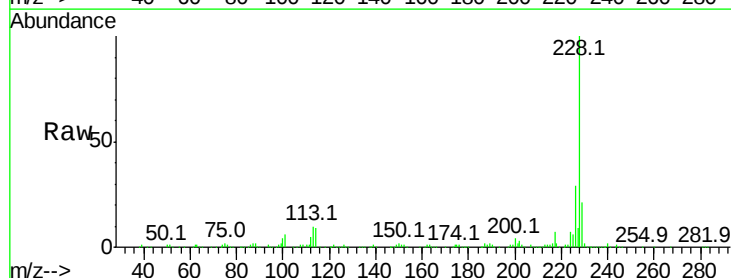
Tgt Ion:228 Resp: 383457

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

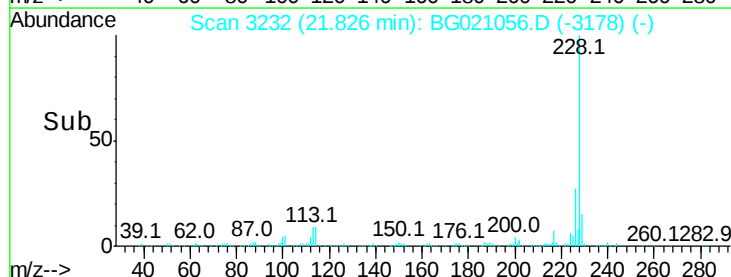
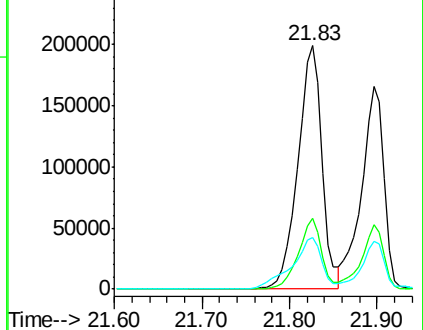
229 21.3 15.5 23.3

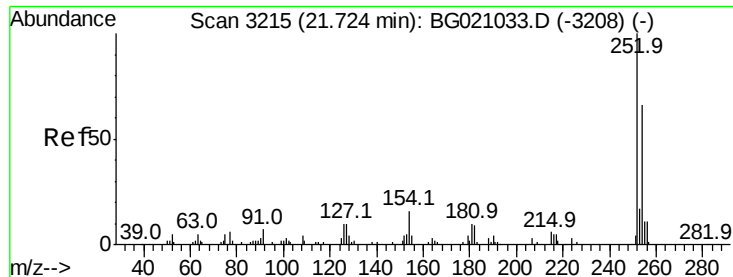


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

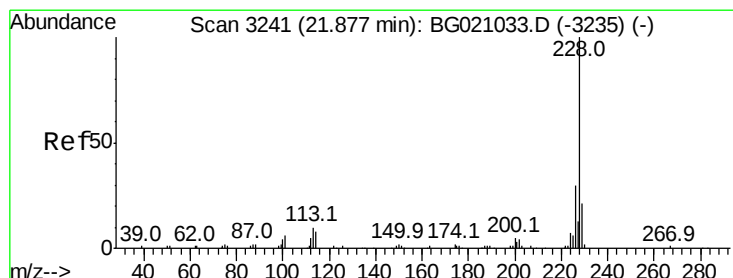
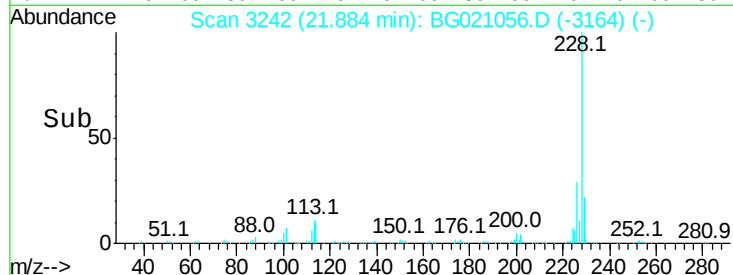
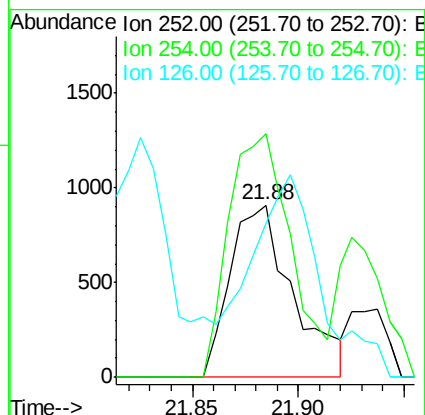
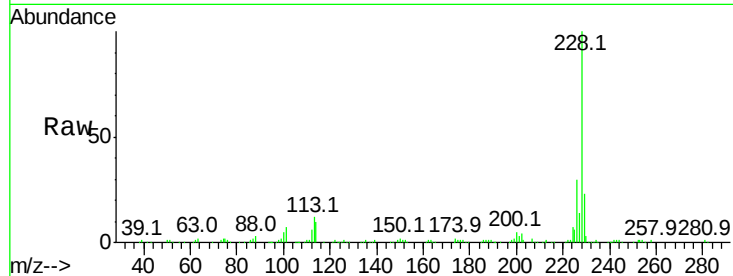




#81
 3,3'-Dichlorobenzidine
 Concen: 3.95 ng
 RT: 21.88 min Scan# 3242
 Delta R.T. 0.16 min
 Lab File: BG021056.D
 Acq: 24 Feb 2016 17:52

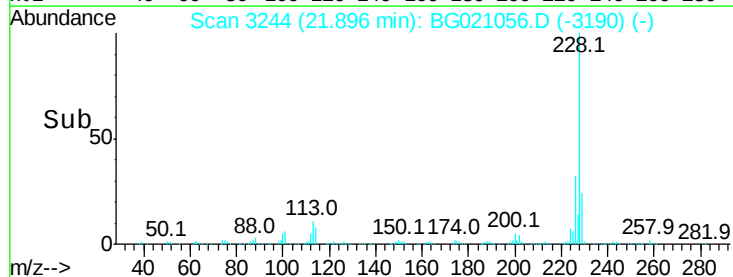
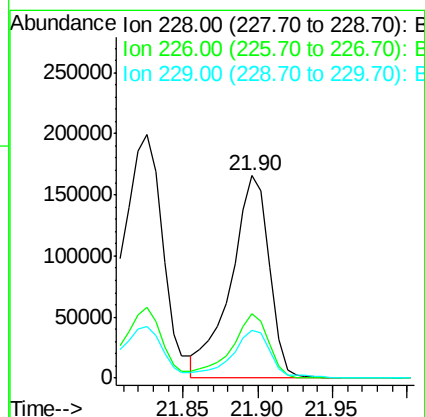
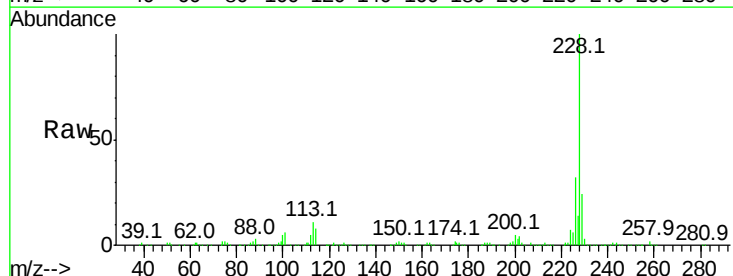
Instrument :
 BNA_G
 ClientSampleId :

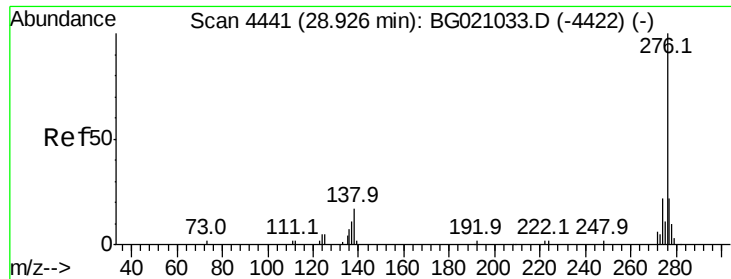
Tot Ion:252 Resp: 1871
 Ion Ratio Lower Upper
 252 100
 254 141.5 52.6 79.0#
 126 89.1 8.3 12.5#



#82
 Chrysene
 Concen: 246.80 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.02 min
 Lab File: BG021056.D
 Acq: 24 Feb 2016 17:52

Tgt Ion:228 Resp: 295717
 Ion Ratio Lower Upper
 228 100
 226 31.7 23.7 35.5
 229 23.9 16.7 25.1

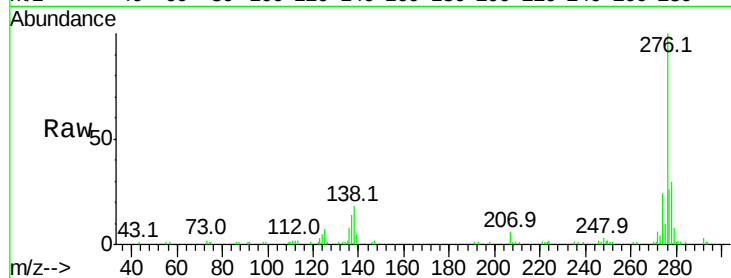




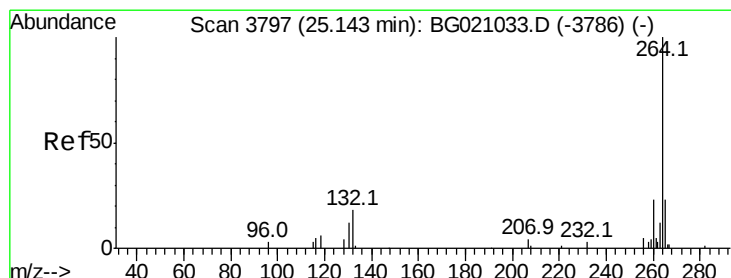
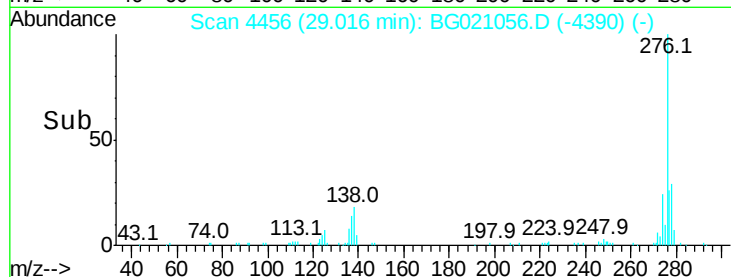
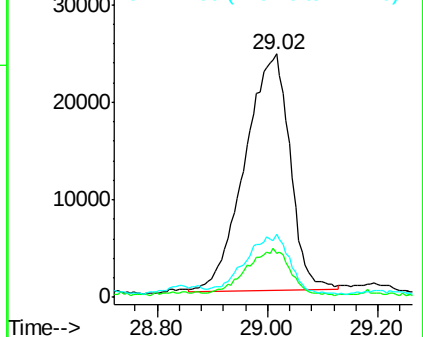
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 128.42 ng
 RT: 29.02 min Scan# 4456
 Delta R.T. 0.09 min
 Lab File: BG021056.D
 Acq: 24 Feb 2016 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	0.0	0.0#
277	25.3	0.0	0.0#

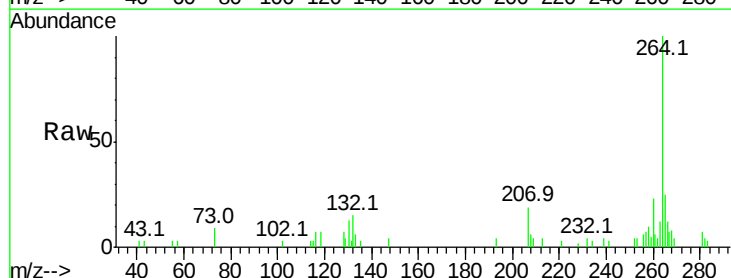


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

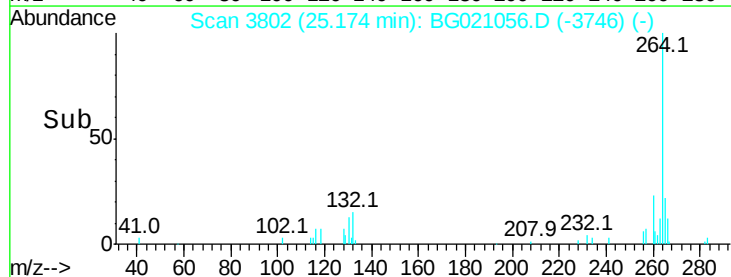
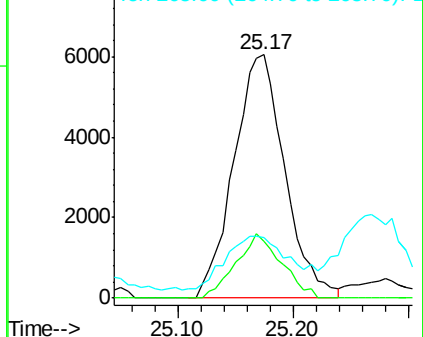


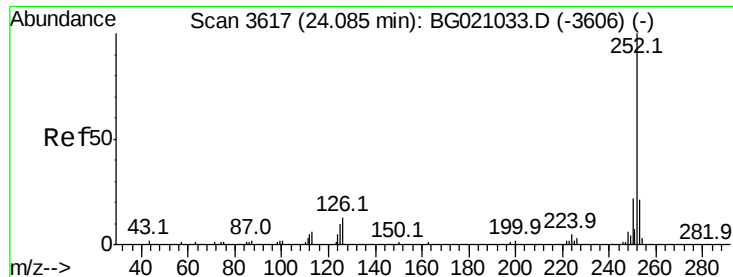
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.17 min Scan# 3802
 Delta R.T. 0.03 min
 Lab File: BG021056.D
 Acq: 24 Feb 2016 17:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	25.0	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

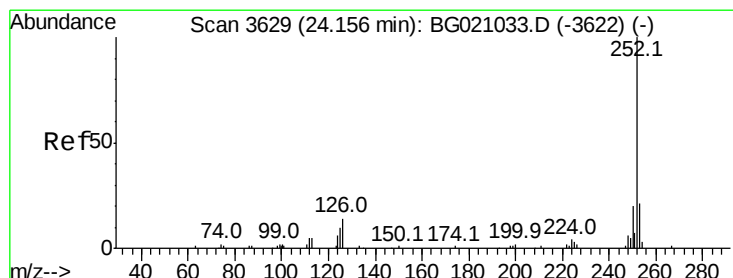
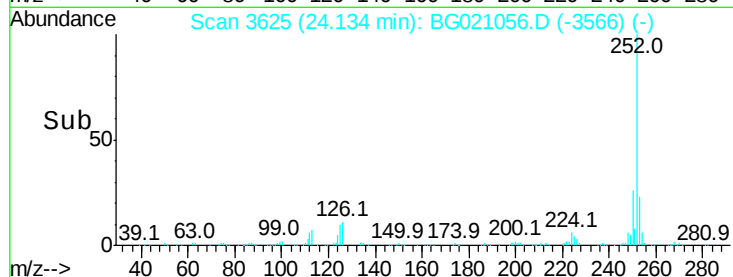
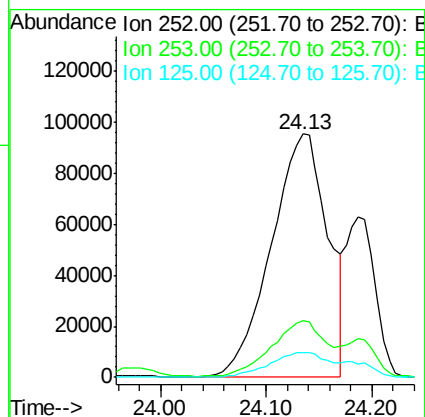
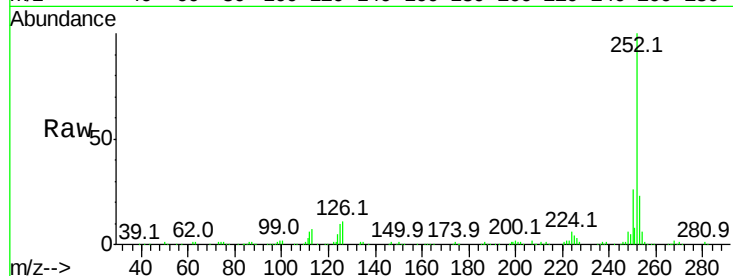




#87
Benzo(b)fluoranthene
Concen: 288.34 ng
RT: 24.13 min Scan# 3625
Delta R.T. 0.05 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

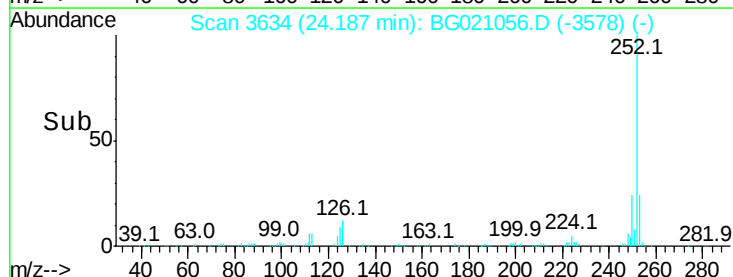
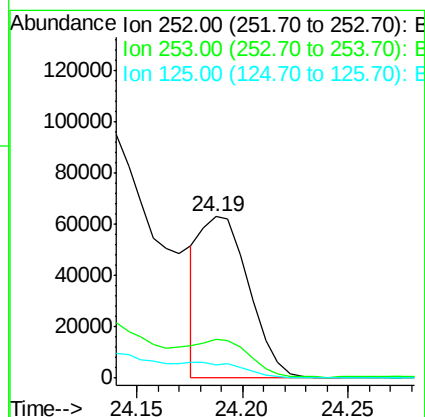
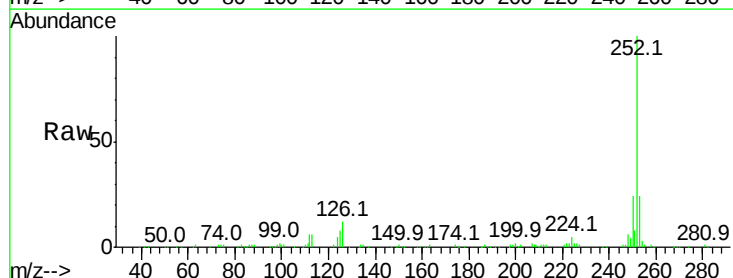
Instrument :
BNA_G
ClientSampleId :

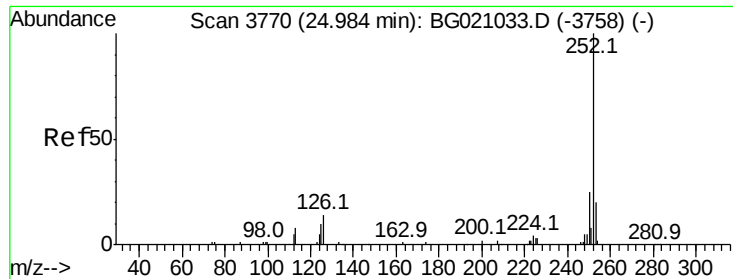
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.8	25.2
125	10.2	8.2	12.2



#88
Benzo(k)fluoranthene
Concen: 86.56 ng
RT: 24.19 min Scan# 3634
Delta R.T. 0.03 min
Lab File: BG021056.D
Acq: 24 Feb 2016 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.4	24.6
125	8.5	8.2	12.2





#89

Benzo(a)pyrene

Concen: 234.09 ng

RT: 25.04 min Scan# 3780

Delta R.T. 0.06 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

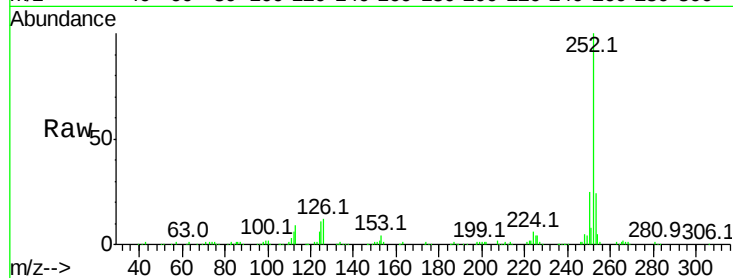
Tot Ion:252 Resp: 256276

Ion Ratio Lower Upper

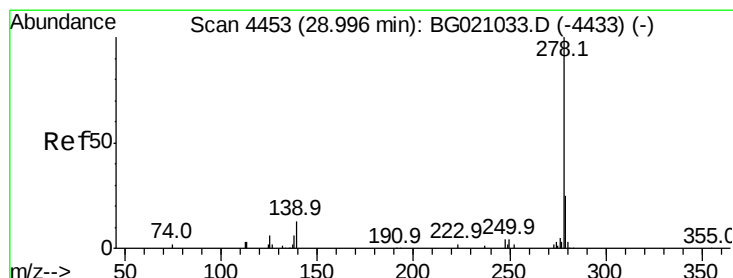
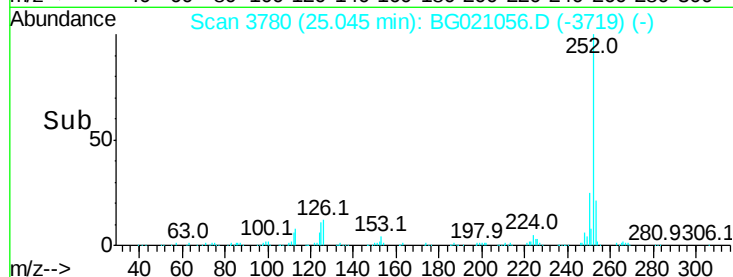
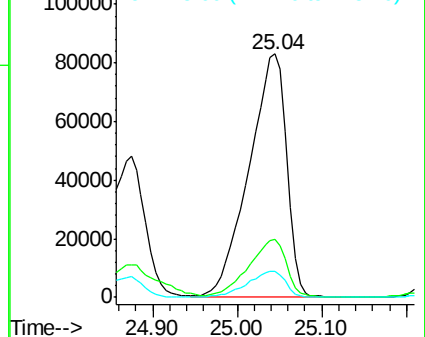
252 100

253 23.9 15.8 23.8#

125 10.7 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: 37.75 ng

RT: 29.03 min Scan# 4459

Delta R.T. 0.04 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

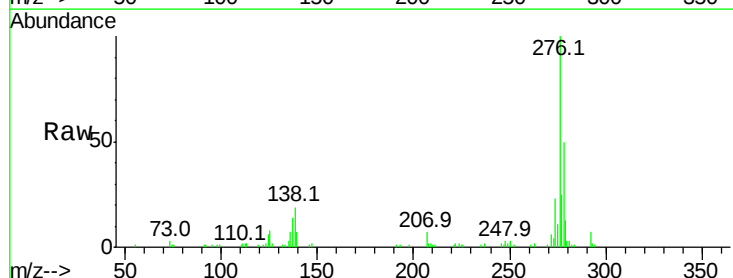
Tgt Ion:278 Resp: 37222

Ion Ratio Lower Upper

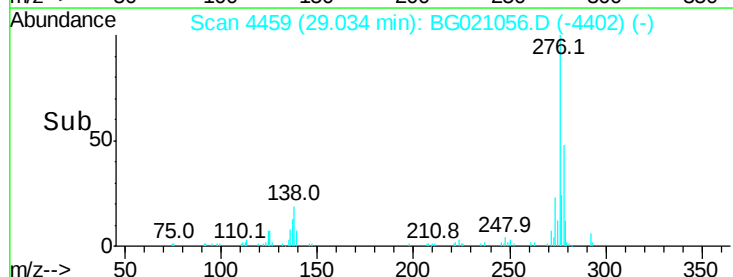
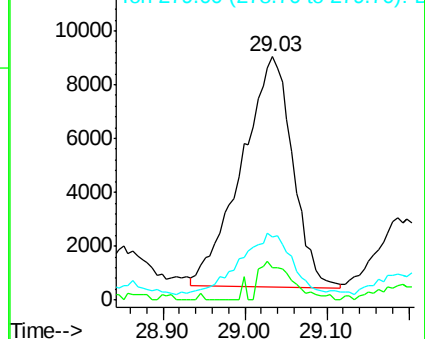
278 100

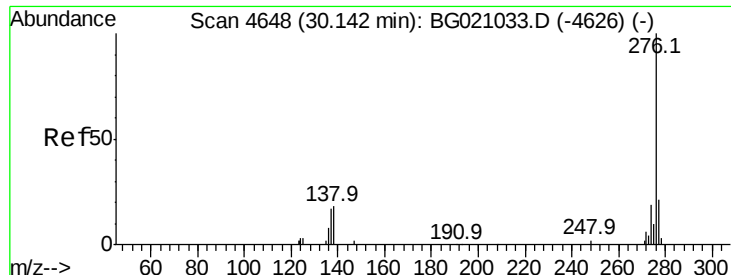
139 13.2 10.6 15.8

279 26.0 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(a,h,i)perylene

Concen: 122.93 ng

RT: 30.20 min Scan# 4658

Delta R.T. 0.06 min

Lab File: BG021056.D

Acq: 24 Feb 2016 17:52

Instrument :

BNA_G

ClientSampleId :

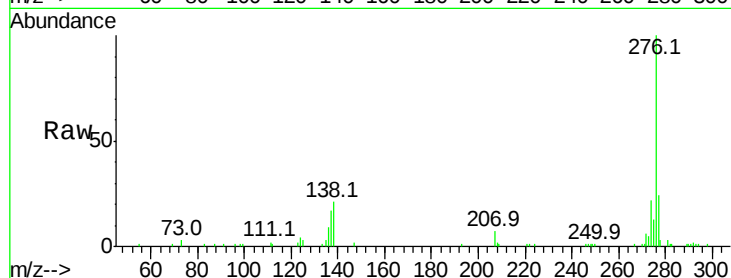
Tot Ion:276 Resp: 120960

Ion Ratio Lower Upper

276 100

277 23.6 16.6 25.0

138 20.9 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

