

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021169.D
 Acq On : 1 Mar 2016 00:10
 Operator : UM/SJ
 Sample : H1520-07DL 30X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40054+15(0-2)DL

Quant Time: Mar 01 01:19:37 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

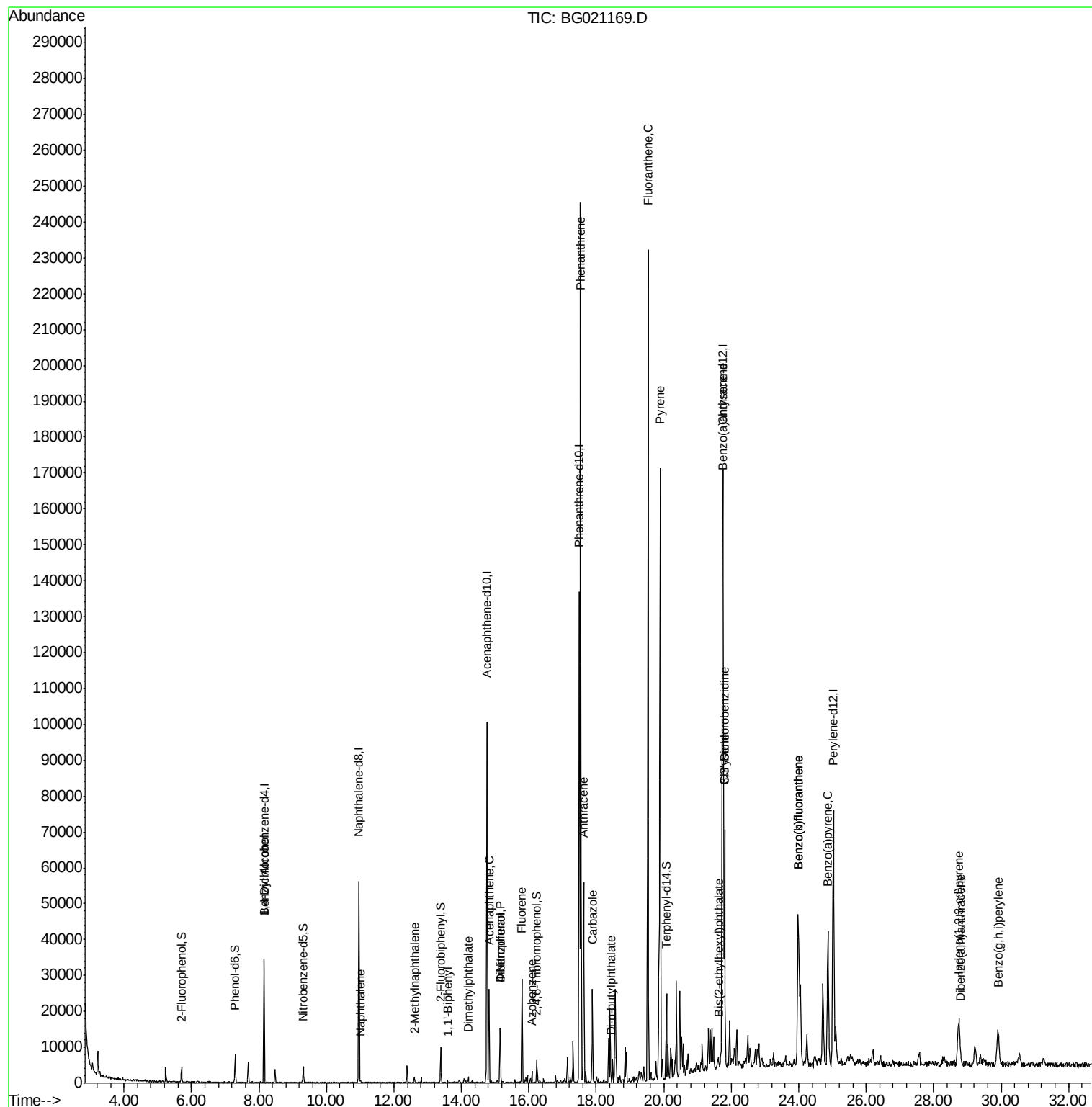
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	8483	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	44749	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	31596	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	74896	20.00	ng	0.00
75) Chrysene-d12	21.75	240	76255	20.00	ng	-0.01
86) Perylene-d12	25.02	264	69964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	2112	3.96	ng	0.00
7) Phenol-d6	7.29	99	4534	5.17	ng	0.00
23) Nitrobenzene-d5	9.31	82	3519	3.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	360	1.10	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	6164	2.77	ng	0.00
78) Terphenyl-d14	20.09	244	8939	2.84	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.15	79	263	0.33	ng	# 44
31) Naphthalene	11.01	128	895	0.38	ng	# 68
37) 2-Methylnaphthalene	12.61	142	887	0.53	ng	# 83
45) 1,1'-Biphenyl	13.59	154	448	0.17	ng	# 43
49) Dimethylphthalate	14.20	163	1559	0.55	ng	# 77
51) Acenaphthene	14.82	154	9298	4.44	ng	95
54) Dibenzofuran	15.15	168	9775	3.49	ng	# 90
55) 4-Nitrophenol	15.15	139	4094	7.55	ng	# 7
57) Fluorene	15.80	166	12009	4.50	ng	96
62) Azobenzene	16.08	77	57	0.02	ng	# 1
70) Phenanthrene	17.54	178	138424	34.25	ng	98
71) Anthracene	17.63	178	34721	8.40	ng	99
72) Carbazole	17.89	167	15984	4.36	ng	# 96
73) Di-n-butylphthalate	18.44	149	317	0.06	ng	# 78
74) Fluoranthene	19.53	202	134019	28.22	ng	99
77) Pyrene	19.89	202	102233	22.47	ng	99
80) Benzo(a)anthracene	21.74	228	55221	12.23	ng	98
81) 3,3'-Dichlorobenzidine	21.81	252	146	0.09	ng	# 55
82) Chrysene	21.80	228	43541	10.18	ng	99
83) Bis(2-ethylhexyl)phthalate	21.63	149	204	0.06	ng	# 57
85) Indeno(1,2,3-cd)pyrene	28.74	276	22447	4.58	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	52874	12.02	ng	96
88) Benzo(k)fluoranthene	23.99	252	52874	12.00	ng	96
89) Benzo(a)pyrene	24.87	252	38583	9.07	ng	94
90) Dibenzo(a,h)anthracene	28.79	278	6192	1.47	ng	# 92
91) Benzo(g,h,i)perylene	29.91	276	19105	4.70	ng	# 86

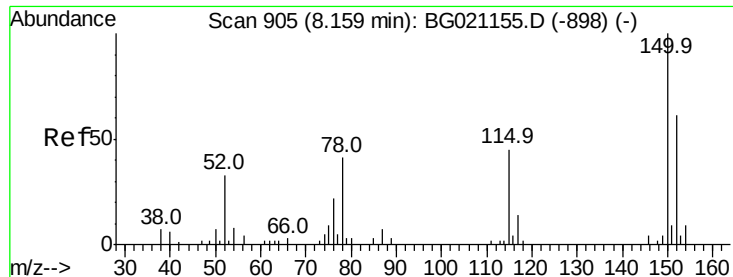
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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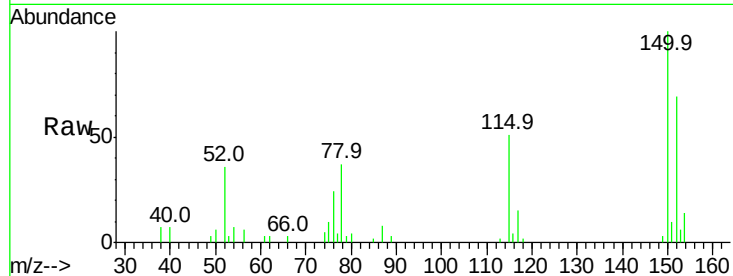


#1

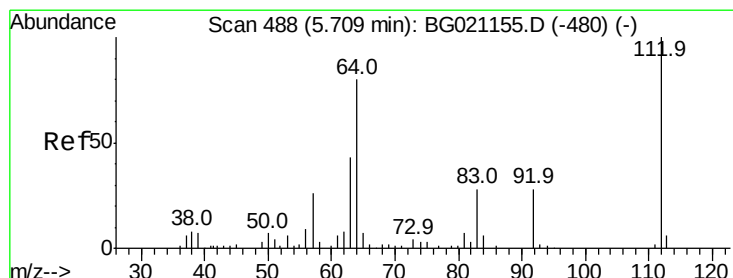
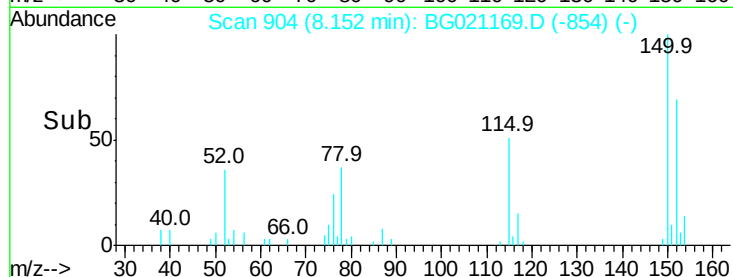
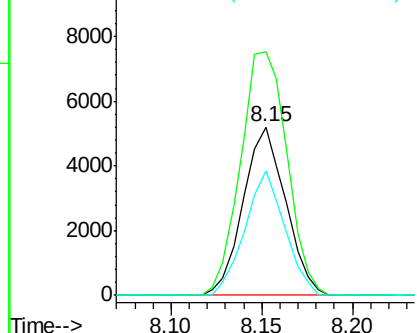
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG021169.D
Acq: 1 Mar 2016 00:10

Instrument :
BNA_G
ClientSampleId :
40054+15(0-2)DL

Tot Ion:152 Resp: 8483
Ion Ratio Lower Upper
152 100
150 144.6 123.4 185.2
115 73.7 43.3 64.9#



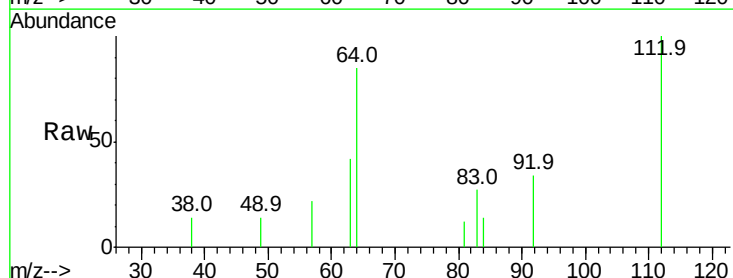
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



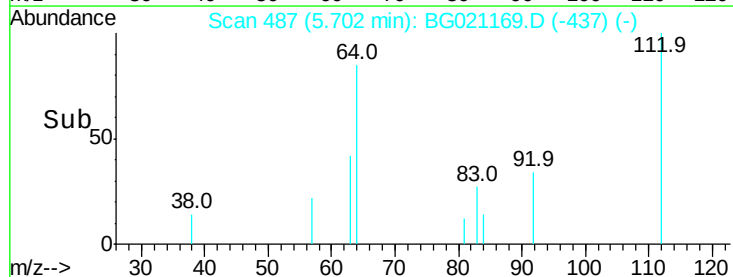
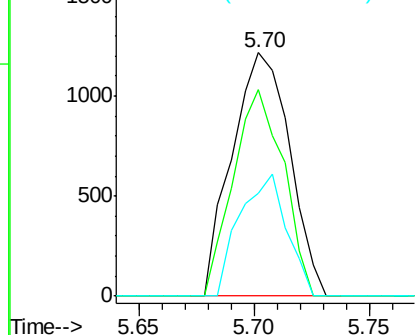
#5

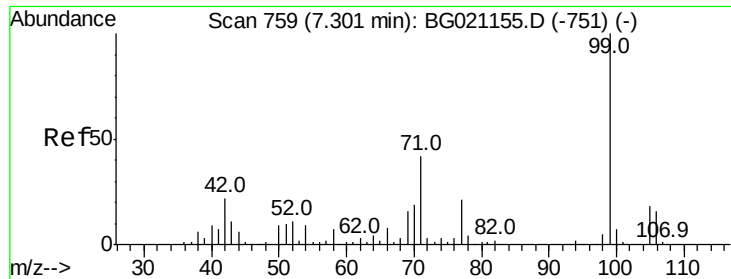
2-Fluorophenol
Concen: 3.96 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG021169.D
Acq: 1 Mar 2016 00:10

Tgt Ion:112 Resp: 2112
Ion Ratio Lower Upper
112 100
64 84.8 42.6 63.8#
63 42.1 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: 5.17 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

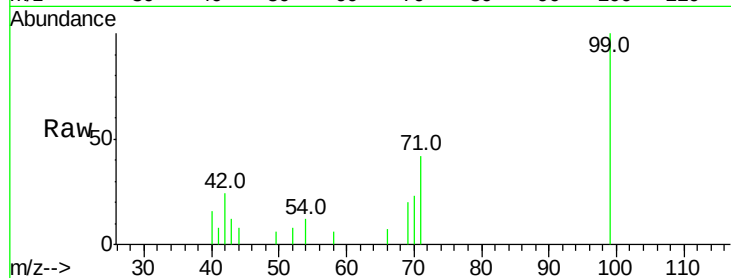
Tot Ion: 99 Resp: 4534

Ion Ratio Lower Upper

99 100

42 23.6 13.2 19.8#

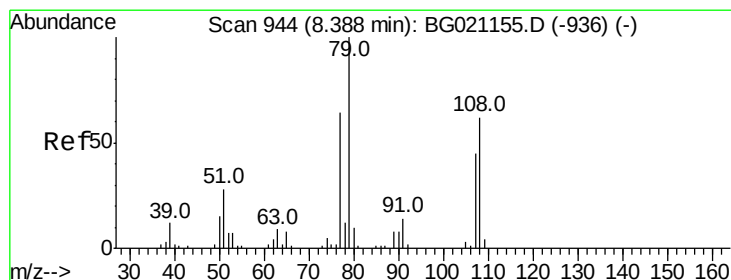
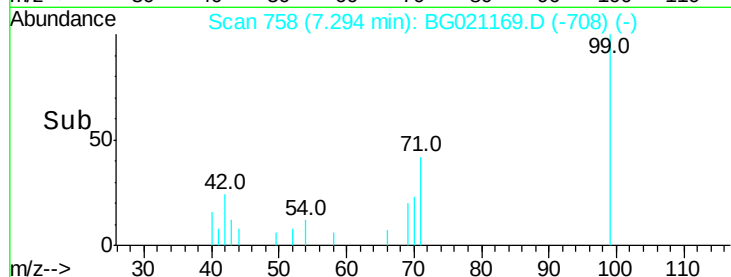
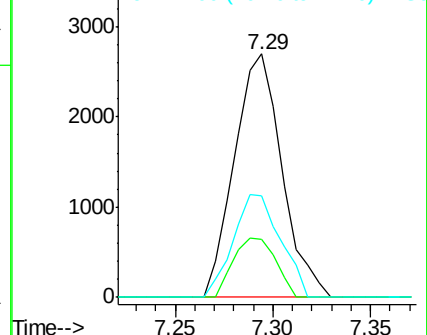
71 41.6 25.2 37.8#



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



#15

Benzyl Alcohol

Concen: 0.33 ng

RT: 8.15 min Scan# 903

Delta R.T. -0.24 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

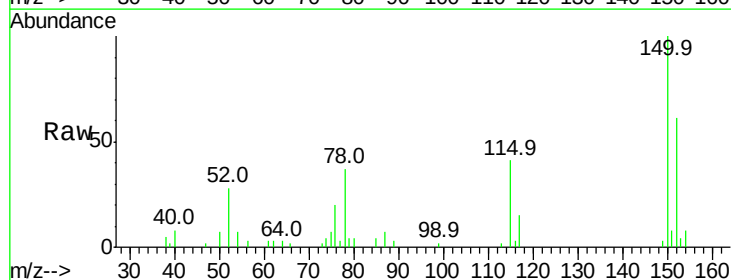
Tgt Ion: 79 Resp: 263

Ion Ratio Lower Upper

79 100

108 0.0 65.1 97.7#

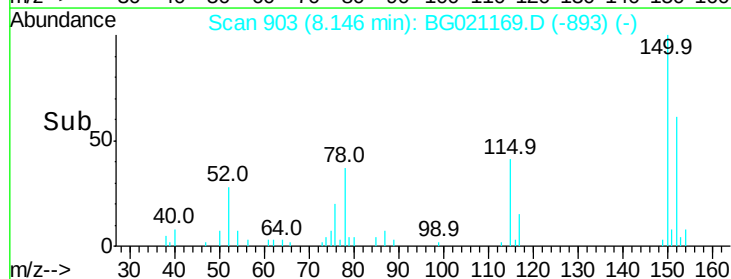
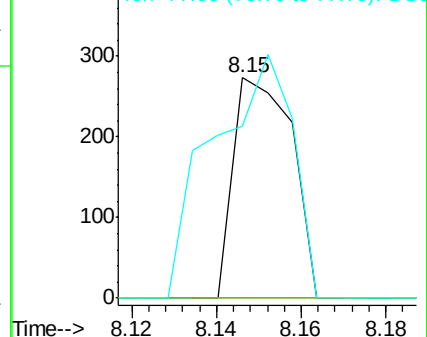
77 78.4 53.8 80.8

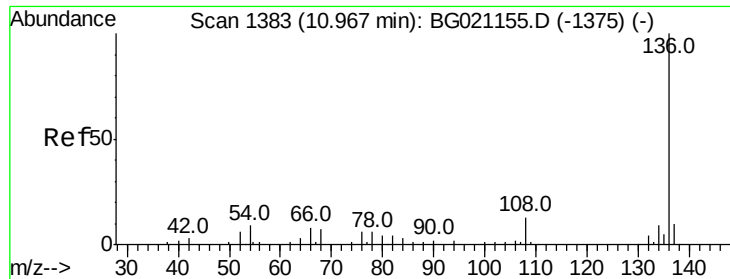


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

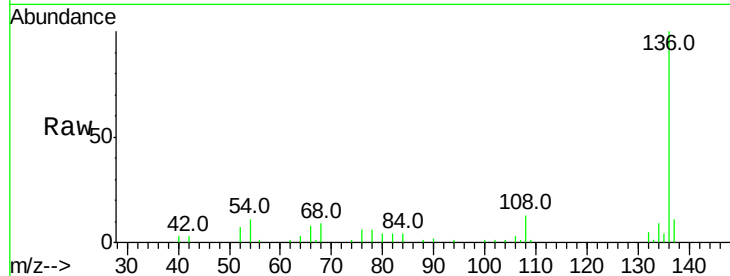




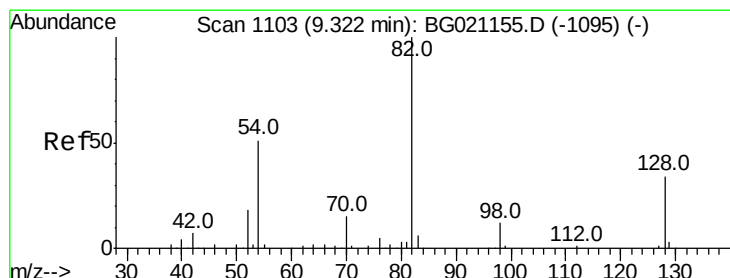
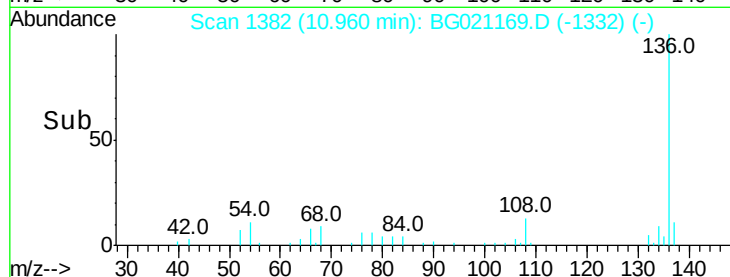
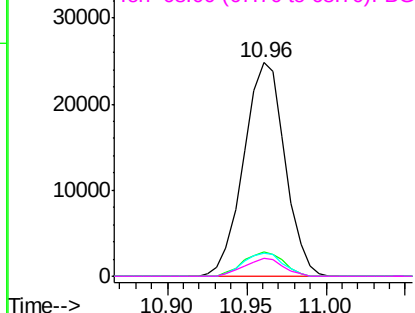
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG021169.D
Acq: 1 Mar 2016 00:10

Instrument :
BNA_G
ClientSampleId :
40054+15(0-2)DL

Tot Ion:136	Resp:	44749
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	11.0	6.9 10.3#
68	8.7	5.8 8.6#

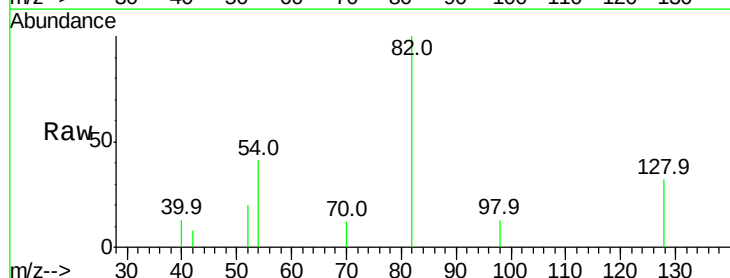


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

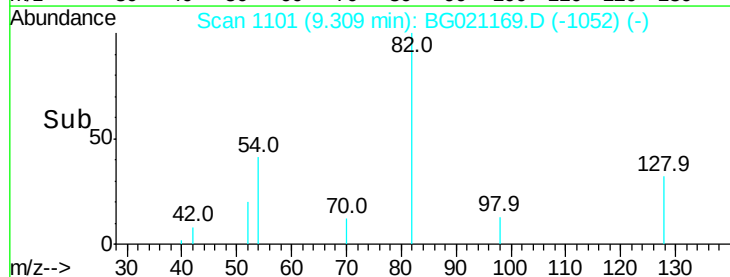
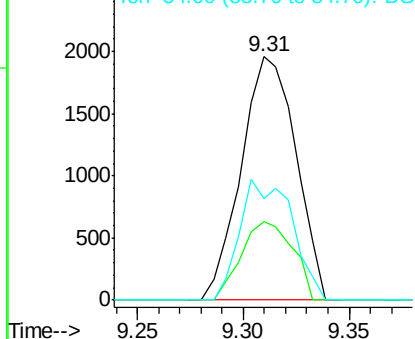


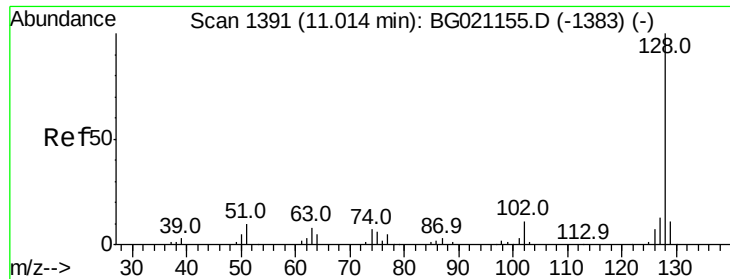
#23
Nitrobenzene-d5
Concen: 3.33 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG021169.D
Acq: 1 Mar 2016 00:10

Tgt Ion: 82	Resp:	3519
Ion Ratio	Lower	Upper
82	100	
128	32.3	36.3 54.5#
54	41.4	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: 0.38 ng

RT: 11.01 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

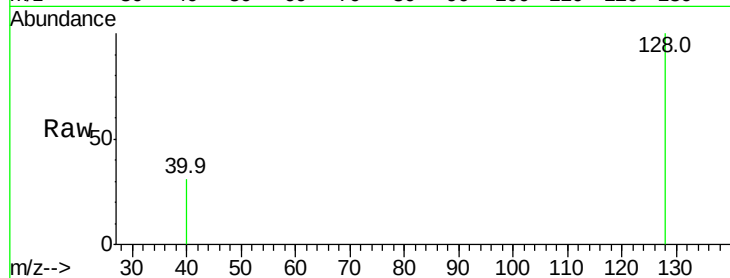
Tot Ion:128 Resp: 895

Ion Ratio Lower Upper

128 100

129 0.0 9.4 14.2#

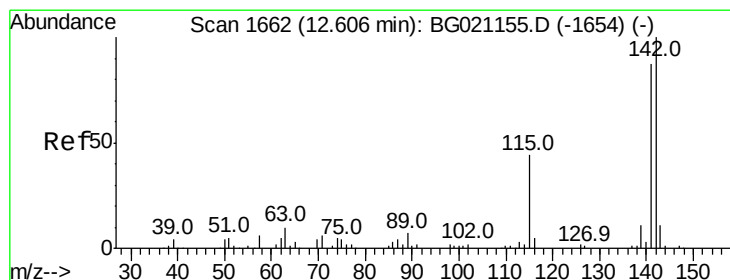
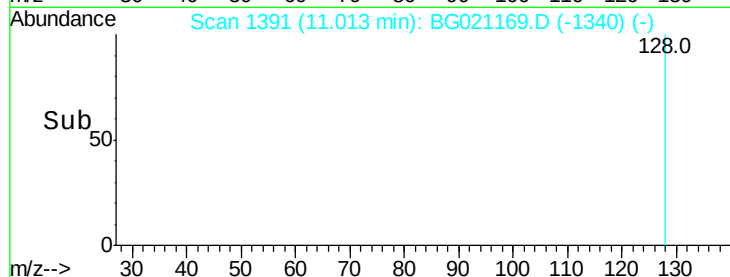
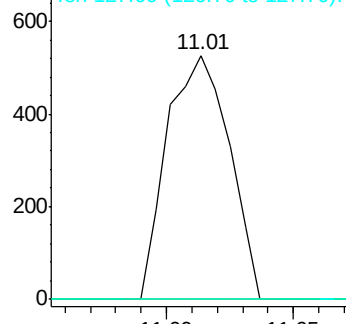
127 0.0 10.8 16.2#



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: 0.53 ng

RT: 12.61 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

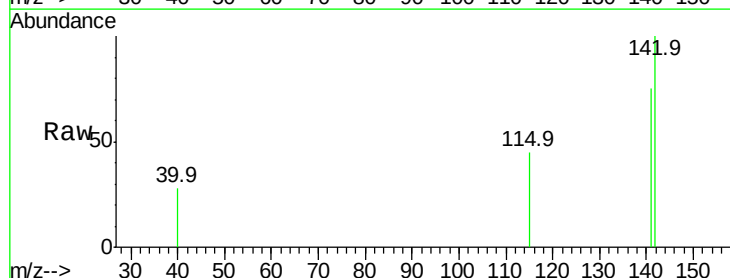
Tgt Ion:142 Resp: 887

Ion Ratio Lower Upper

142 100

141 75.3 71.7 107.5

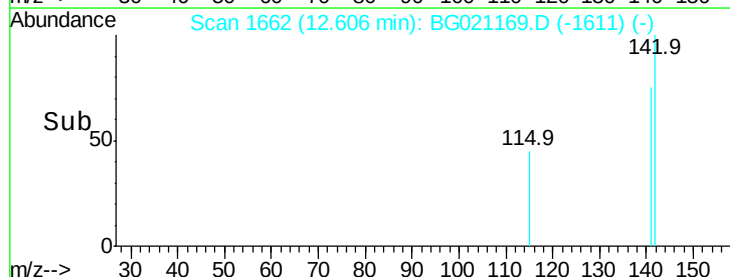
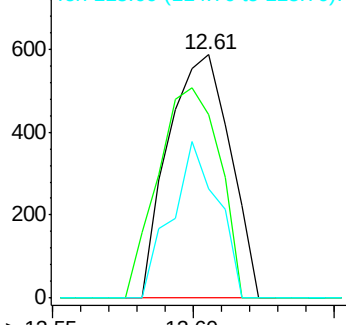
115 45.0 26.2 39.4#

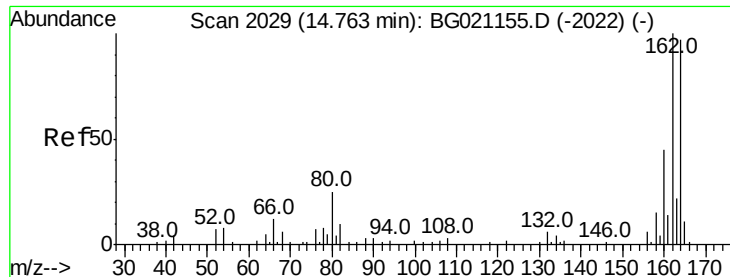


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.76 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

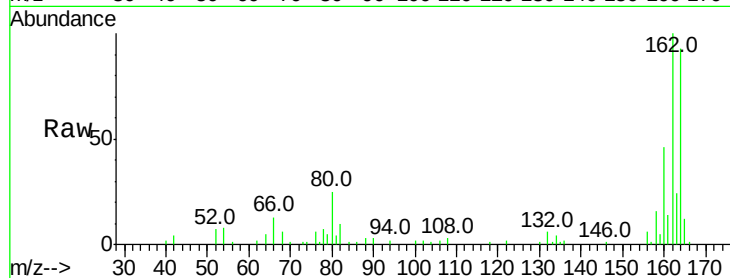
Tot Ion:164 Resp: 31596

Ion Ratio Lower Upper

164 100

162 107.1 80.6 120.8

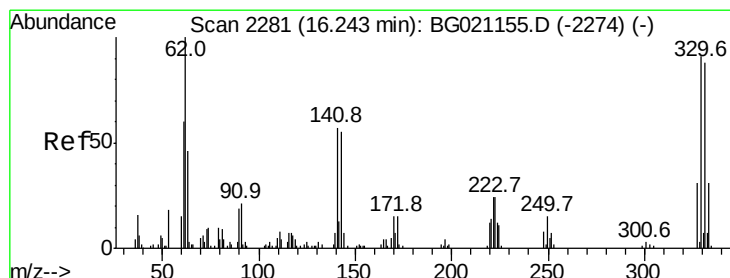
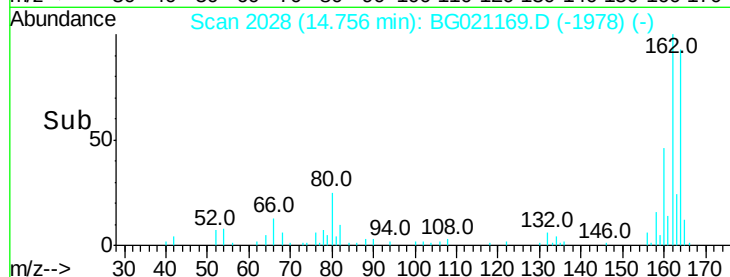
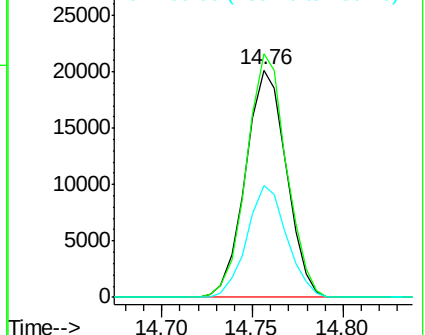
160 49.0 36.5 54.7



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: 1.10 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

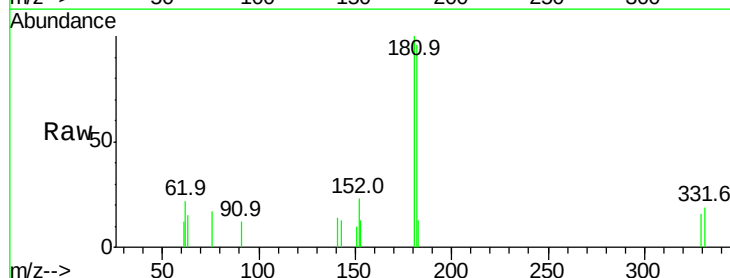
Tgt Ion:330 Resp: 360

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

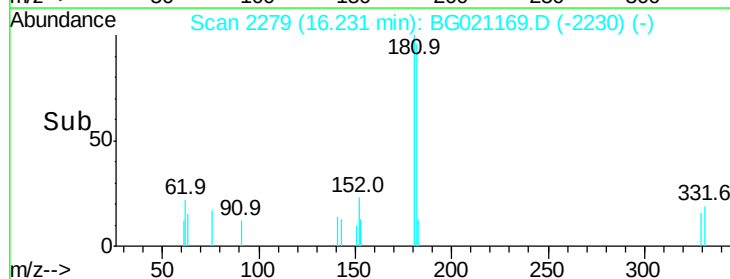
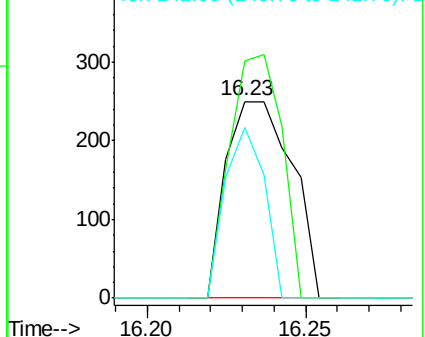
141 51.7 35.3 52.9

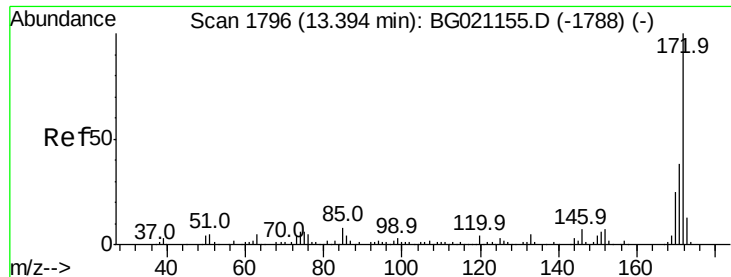


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

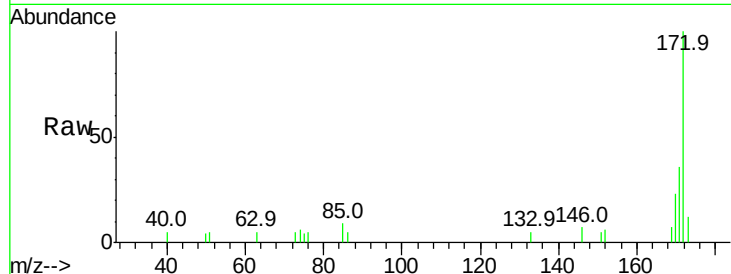




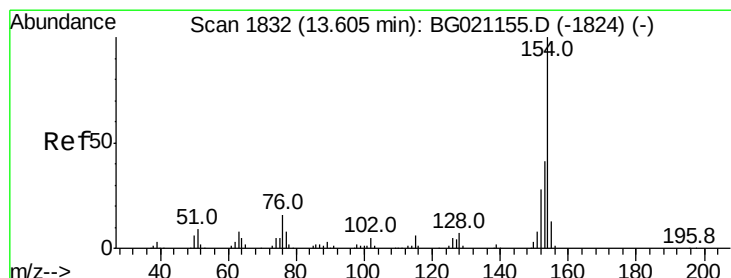
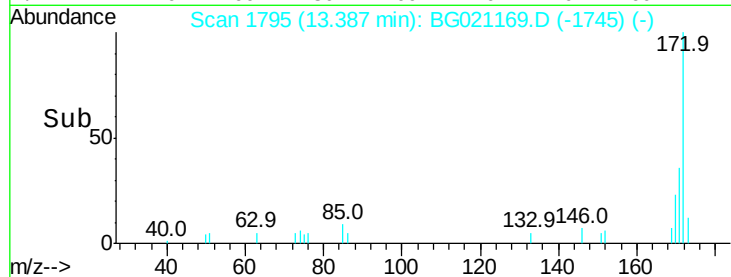
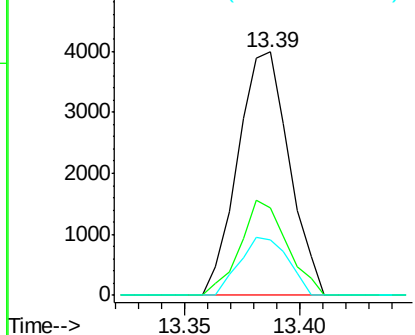
#44
2-Fluorobiphenyl
Concen: 2.77 ng
RT: 13.39 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021169.D
Acq: 1 Mar 2016 00:10

Instrument :
BNA_G
ClientSampleId :
40054+15(0-2)DL

Tot Ion:172 Resp: 6164
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 22.8 19.8 29.8

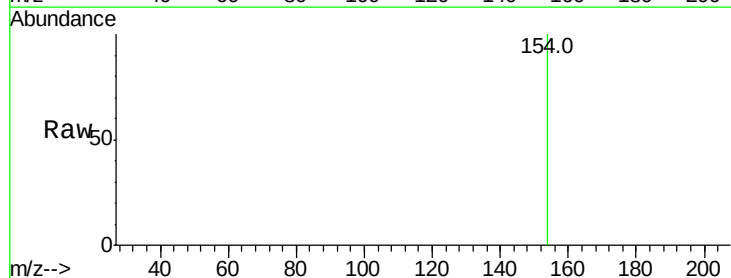


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

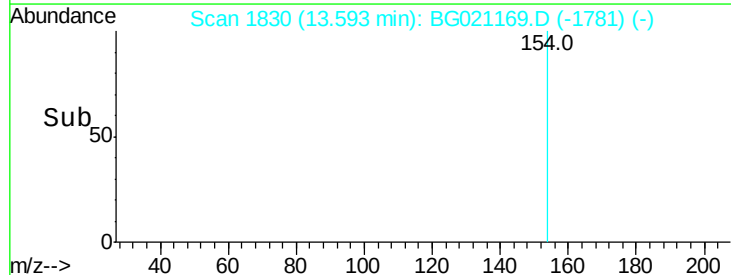
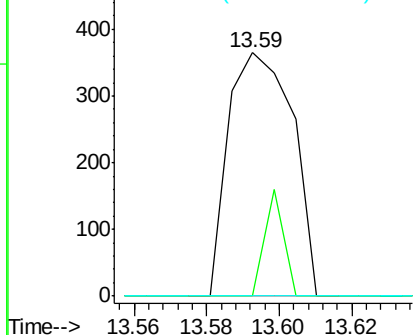


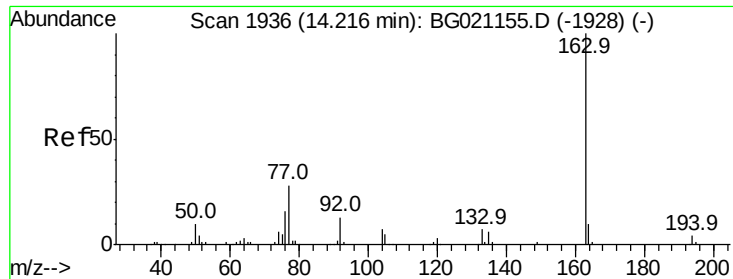
#45
1,1'-Biphenyl
Concen: 0.17 ng
RT: 13.59 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG021169.D
Acq: 1 Mar 2016 00:10

Tgt Ion:154 Resp: 448
Ion Ratio Lower Upper
154 100
153 0.0 19.8 59.8#
76 0.0 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#49

Dimethylphthalate

Concen: 0.55 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

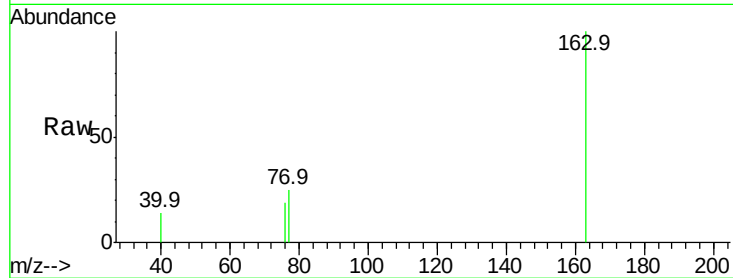
Tot Ion:163 Resp: 1559

Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

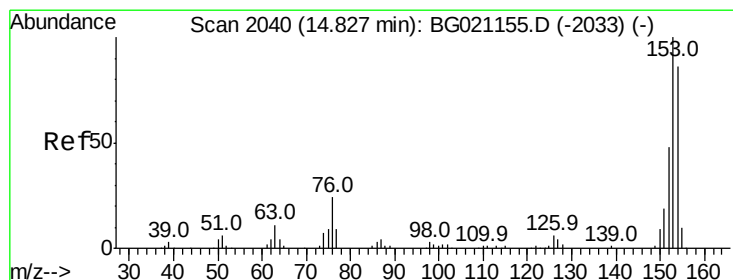
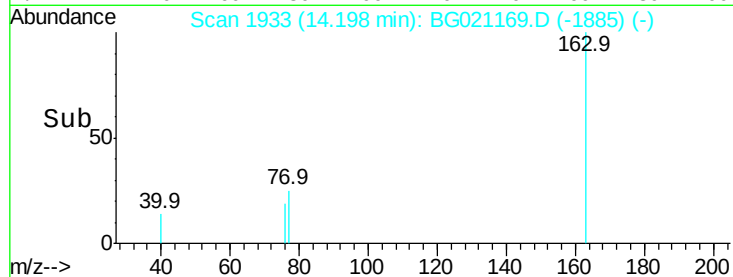
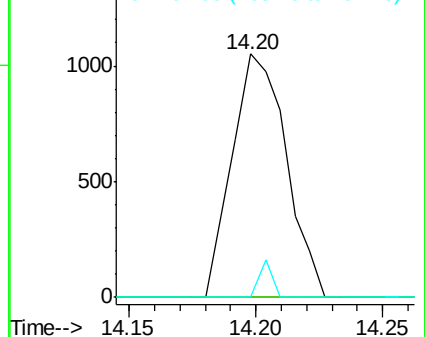
164 0.0 7.9 11.9#



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: 4.44 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

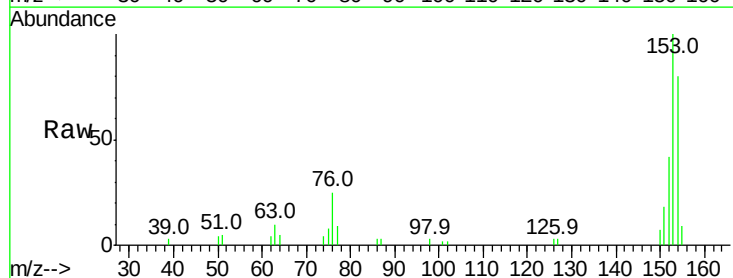
Tgt Ion:154 Resp: 9298

Ion Ratio Lower Upper

154 100

153 125.2 94.2 141.2

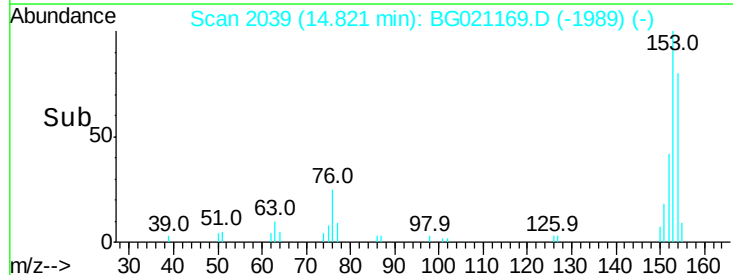
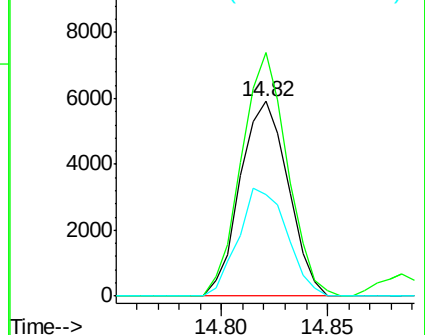
152 52.4 42.9 64.3

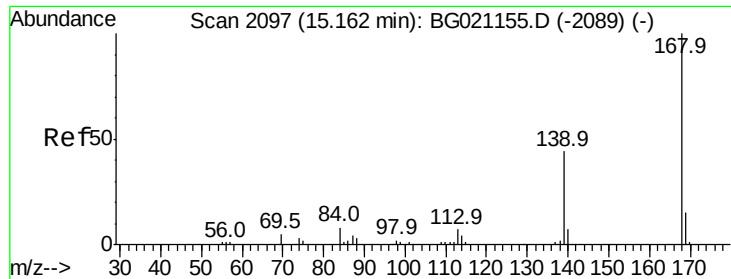


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 3.49 ng

RT: 15.15 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

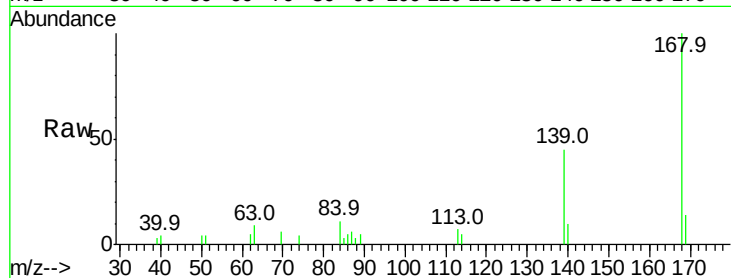
Tot Ion:168 Resp: 9775

Ion Ratio Lower Upper

168 100

139 45.0 29.8 44.8#

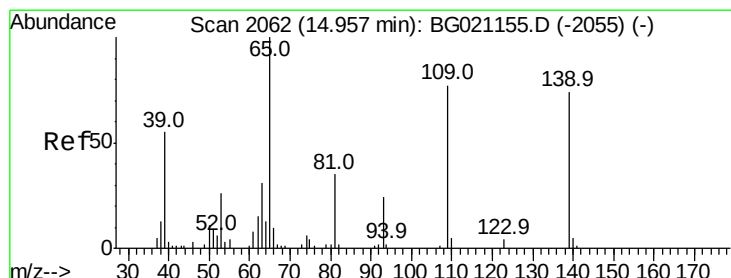
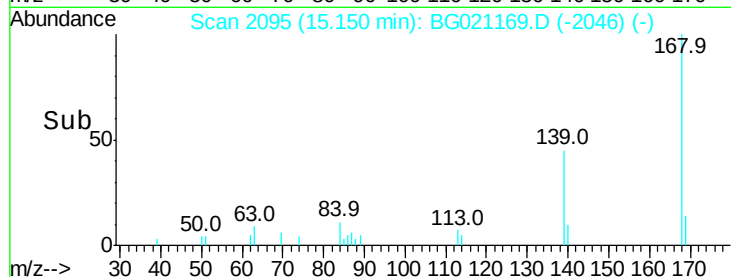
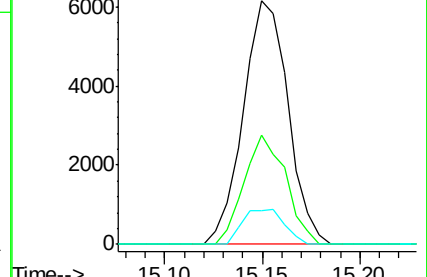
169 13.7 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 7.55 ng

RT: 15.15 min Scan# 2095

Delta R.T. 0.19 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

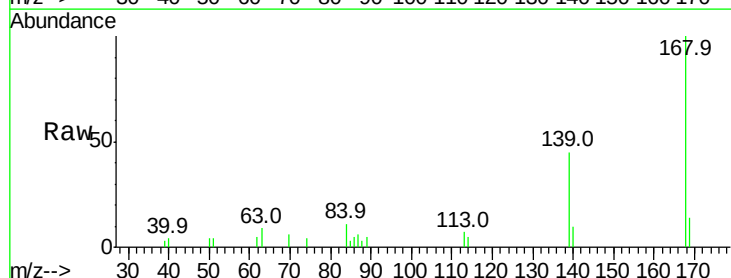
Tgt Ion:139 Resp: 4094

Ion Ratio Lower Upper

139 100

109 0.0 54.1 94.1#

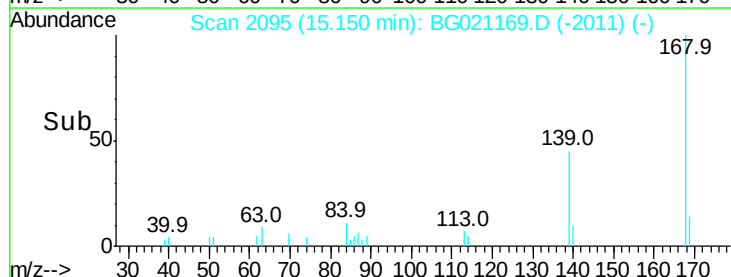
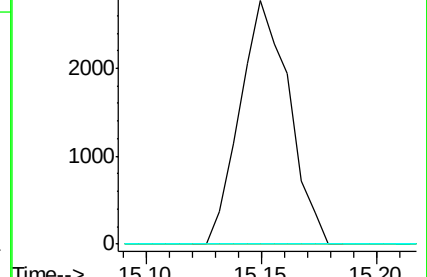
65 0.0 73.4 113.4#

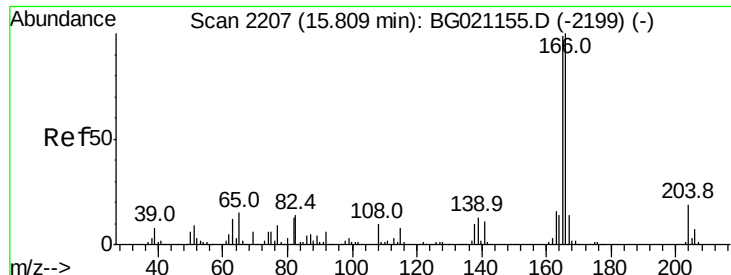


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

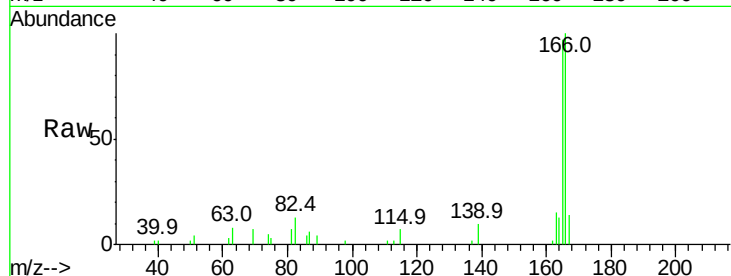




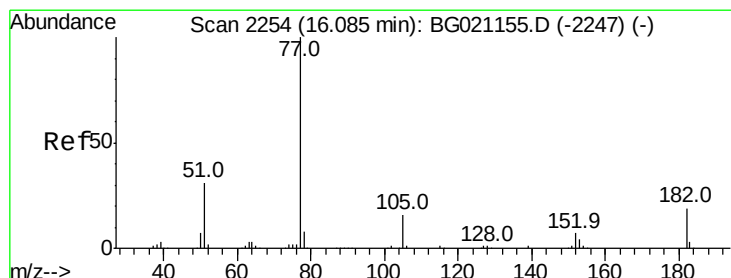
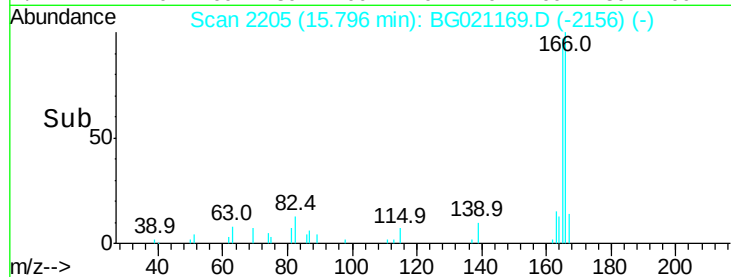
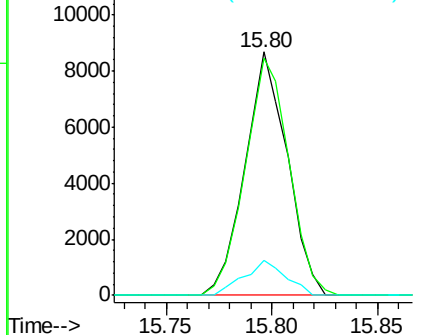
#57
Fluorene
 Concen: 4.50 ng
 RT: 15.80 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG021169.D
 Acq: 1 Mar 2016 00:10

Instrument :
 BNA_G
 ClientSampleId :
 40054+15(0-2)DL

Tot Ion	166	Resp	12009
Ion Ratio	100	Lower	Upper
165	97.3	81.3	121.9
167	14.2	10.6	16.0



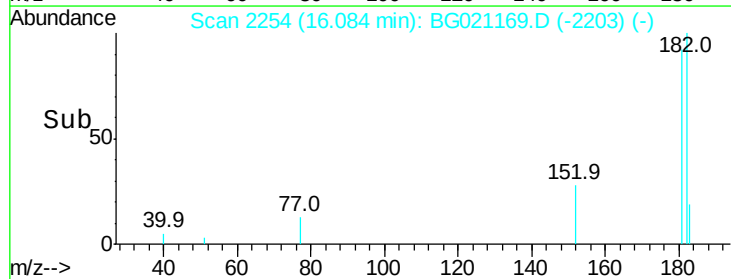
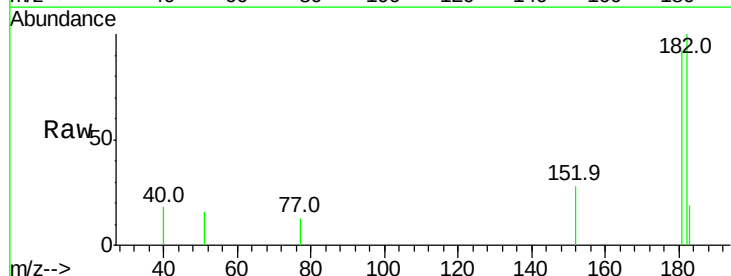
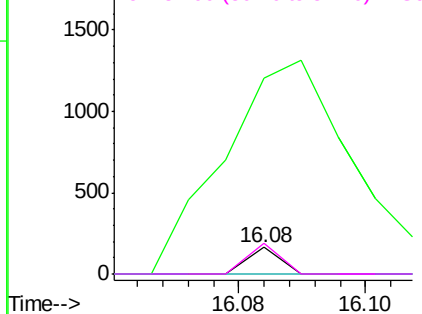
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

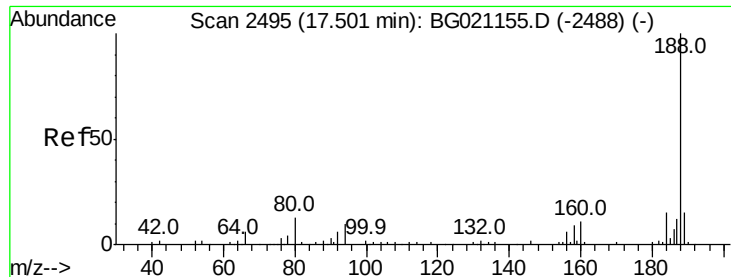


#62
Azobenzene
 Concen: 0.02 ng
 RT: 16.08 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BG021169.D
 Acq: 1 Mar 2016 00:10

Tgt Ion	77	Resp	57
Ion Ratio	100	Lower	Upper
182	742.6	0.7	40.7#
105	0.0	0.0	38.3
51	116.0	4.4	44.4#

Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BGC

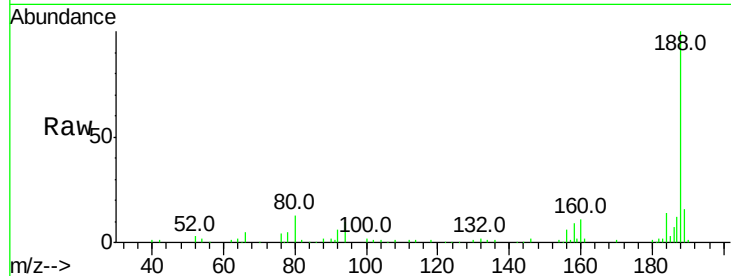




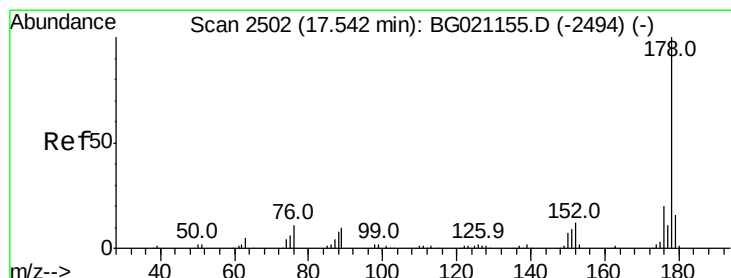
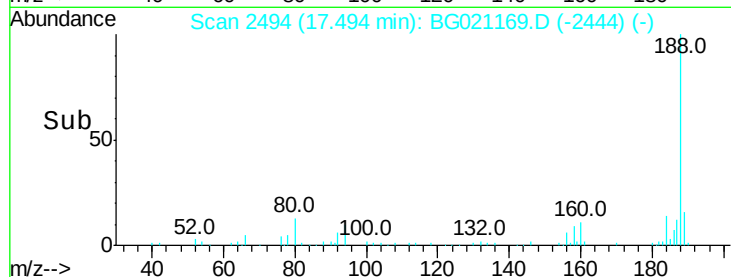
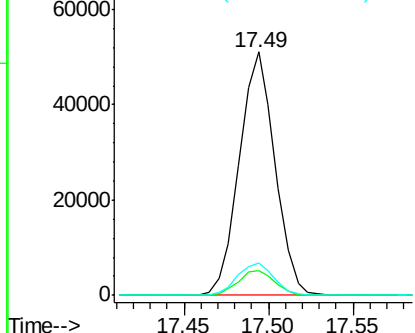
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BG021169.D
 Acq: 1 Mar 2016 00:10

Instrument :
 BNA_G
 ClientSampleId :
 40054+15(0-2)DL

Tot Ion:188 Resp: 74896
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.2 12.4
 80 13.2 9.2 13.8

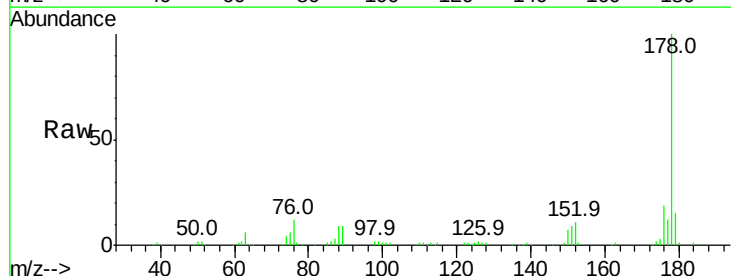


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

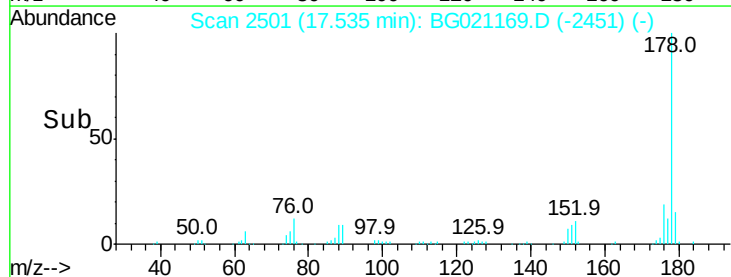
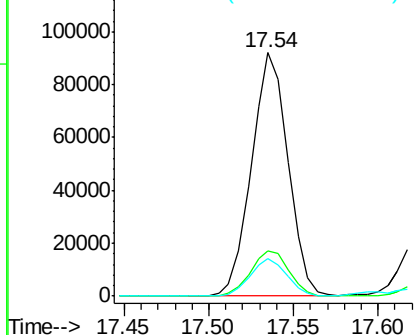


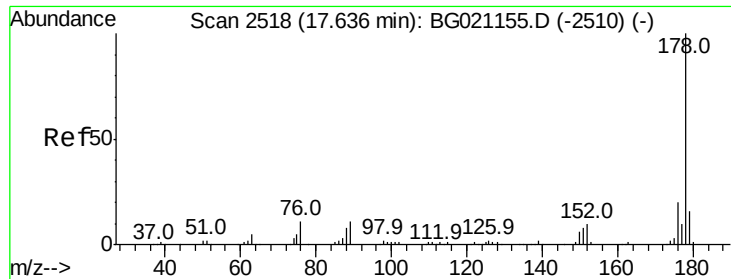
#70
 Phenanthrene
 Concen: 34.25 ng
 RT: 17.54 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG021169.D
 Acq: 1 Mar 2016 00:10

Tgt Ion:178 Resp: 138424
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.2 24.4
 179 15.4 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

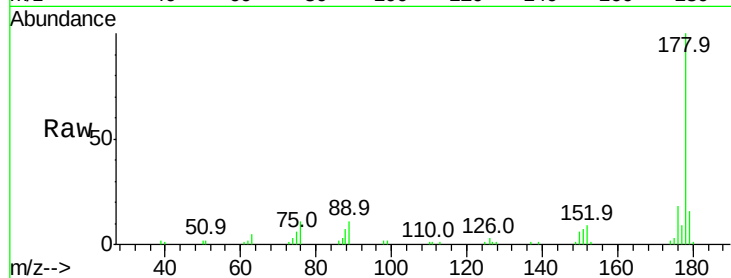




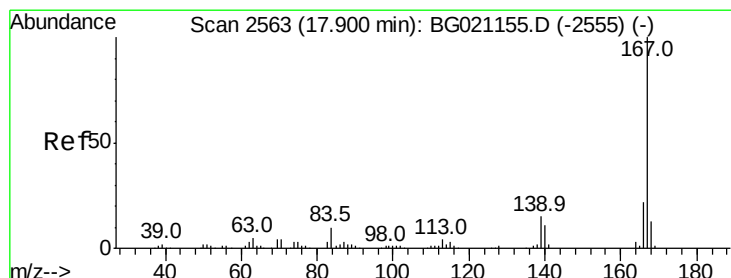
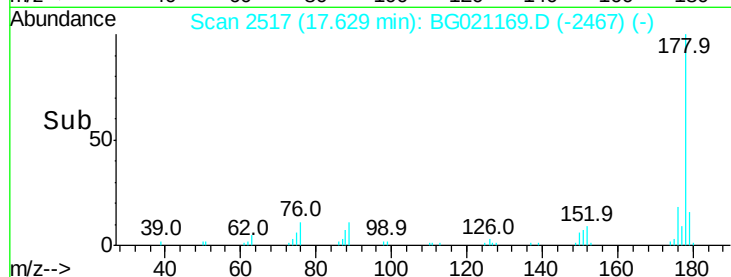
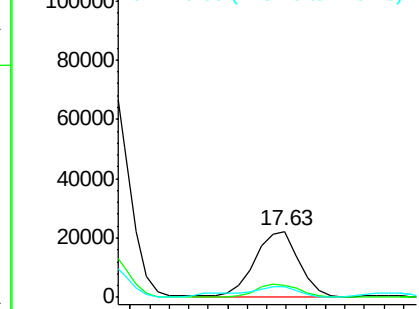
#71
 Anthracene
 Concen: 8.40 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG021169.D
 Acq: 1 Mar 2016 00:10

Instrument :
 BNA_G
 ClientSampleId :
 40054+15(0-2)DL

Tot Ion:178 Resp: 34721
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 16.2 12.6 19.0

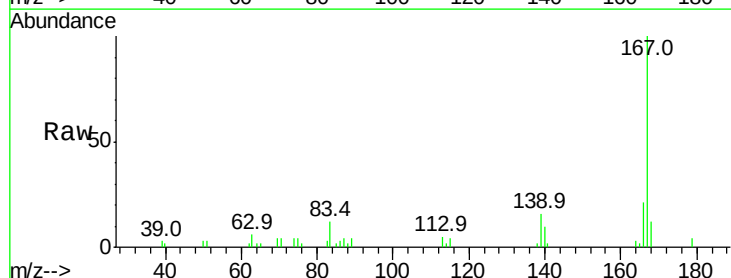


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

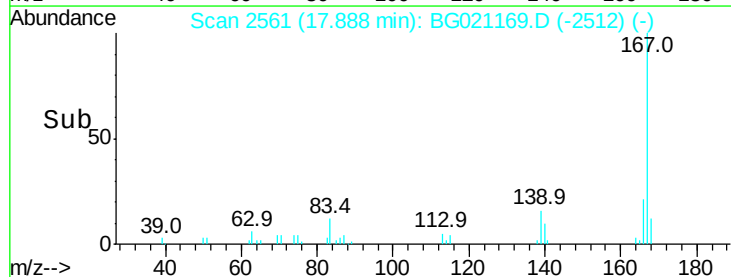
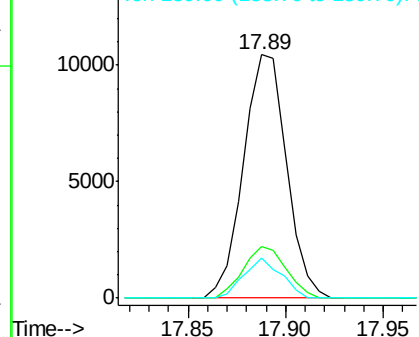


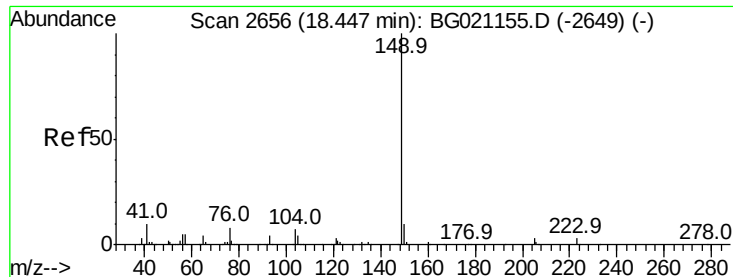
#72
 Carbazole
 Concen: 4.36 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BG021169.D
 Acq: 1 Mar 2016 00:10

Tgt Ion:167 Resp: 15984
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.5 26.3
 139 16.2 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





#73

Di-n-butylphthalate

Concen: 0.06 ng

RT: 18.44 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

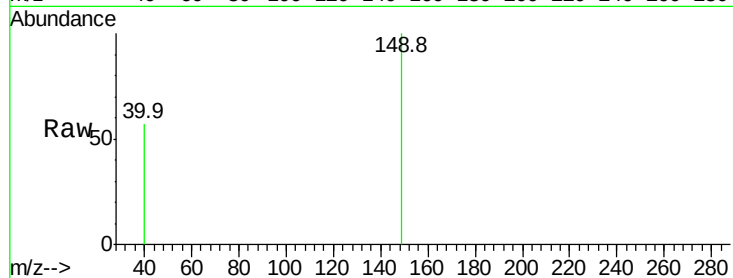
Tot Ion:149 Resp: 317

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

104 0.0 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

18.44

300

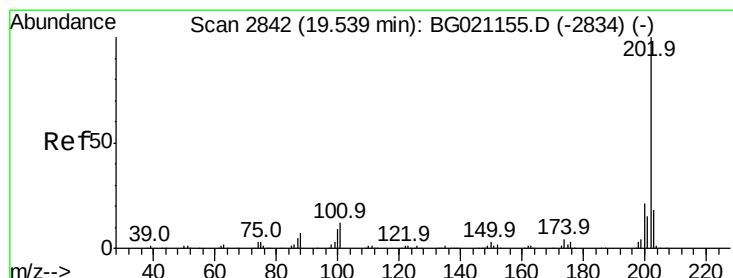
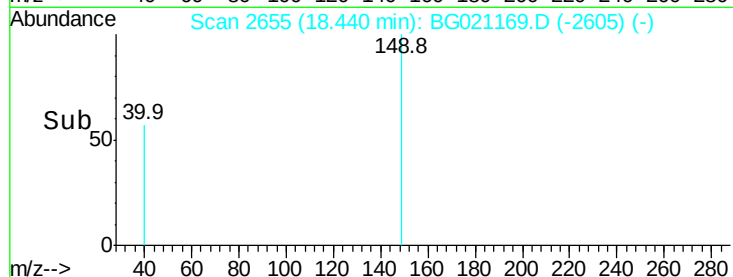
200

100

0

18.40 18.42 18.44 18.46

Time-->



#74

Fluoranthene

Concen: 28.22 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

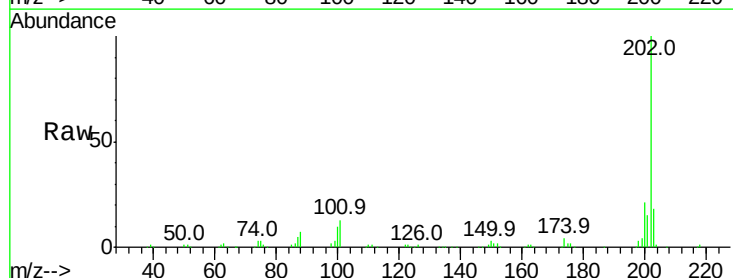
Tgt Ion:202 Resp: 134019

Ion Ratio Lower Upper

202 100

101 12.5 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

19.53

120000

100000

80000

60000

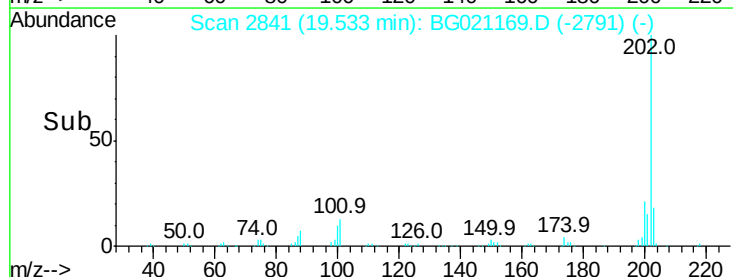
40000

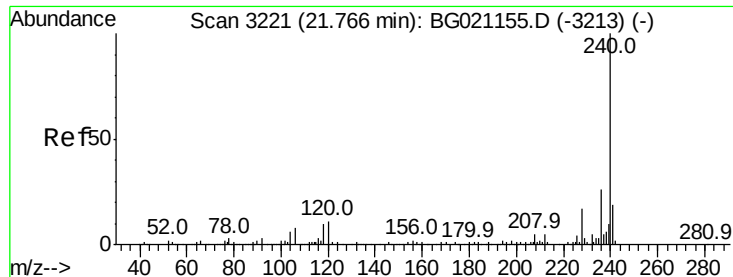
20000

0

19.45 19.50 19.55 19.60

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

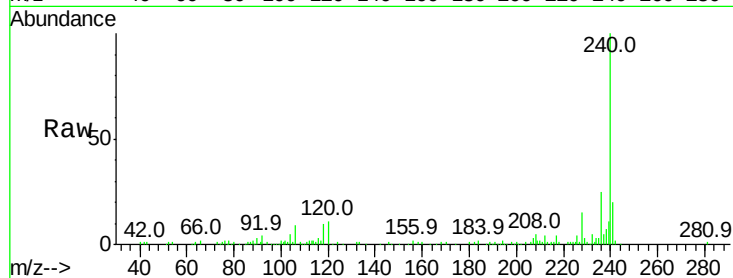
Tot Ion:240 Resp: 76255

Ion Ratio Lower Upper

240 100

120 11.0 7.5 11.3

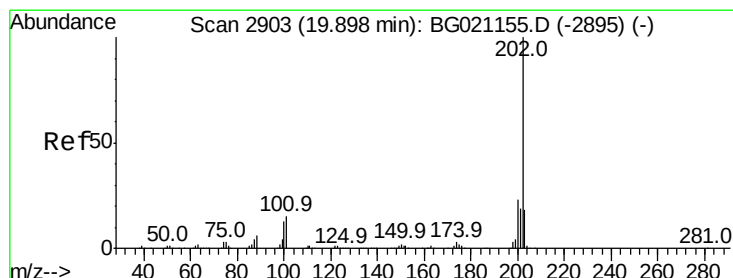
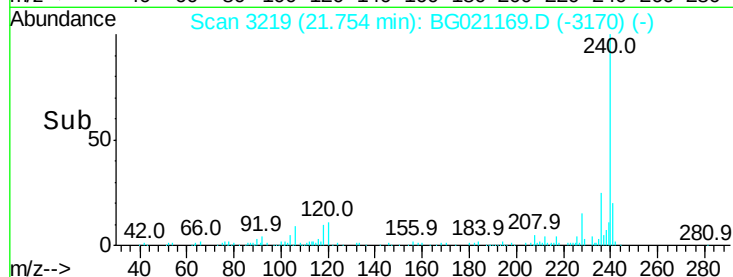
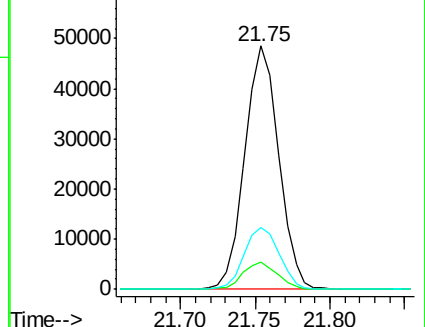
236 25.4 20.5 30.7



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: 22.47 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

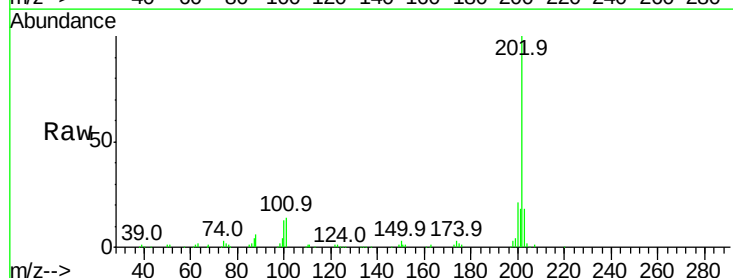
Tgt Ion:202 Resp: 102233

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

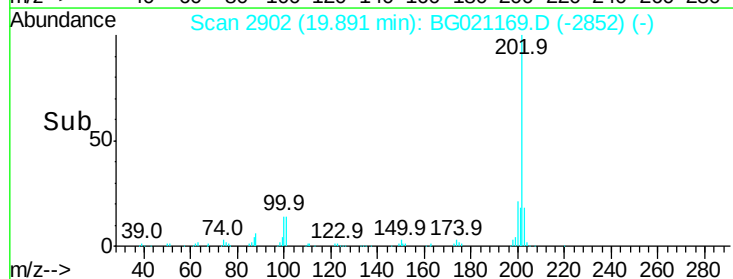
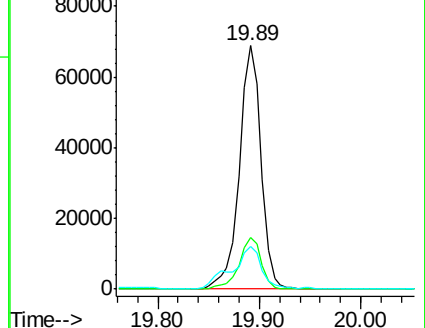
203 17.7 13.8 20.8

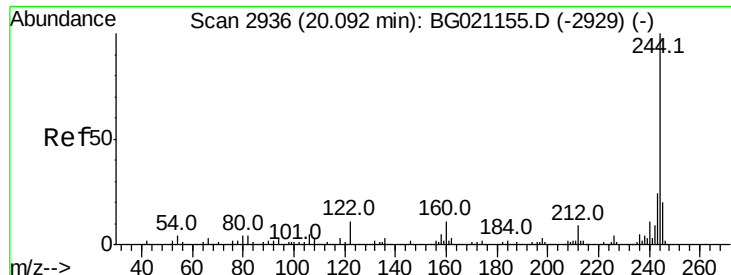


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 2.84 ng

RT: 20.09 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

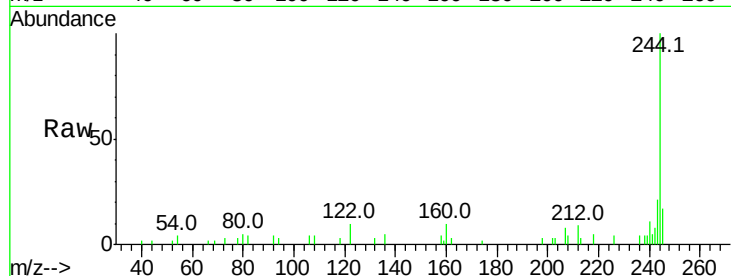
Tot Ion:244 Resp: 8939

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.6#

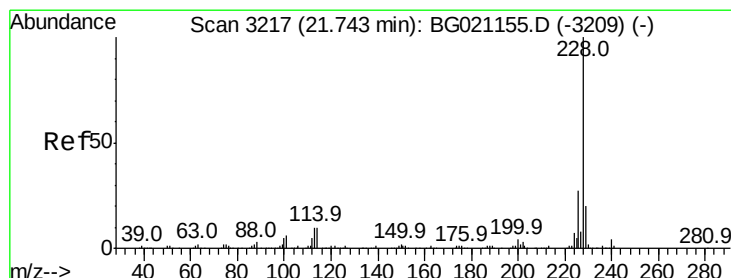
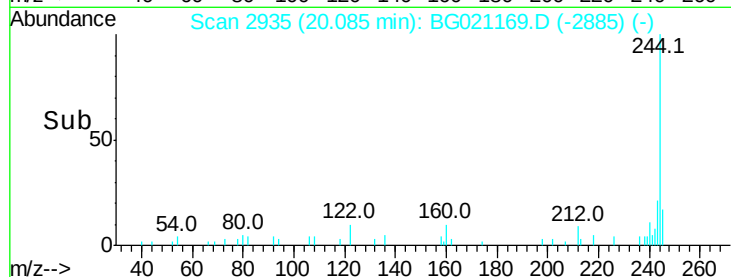
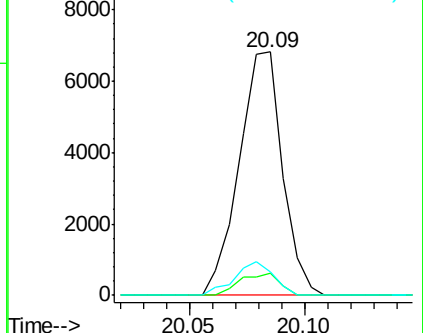
122 9.7 8.3 12.5



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: 12.23 ng

RT: 21.74 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

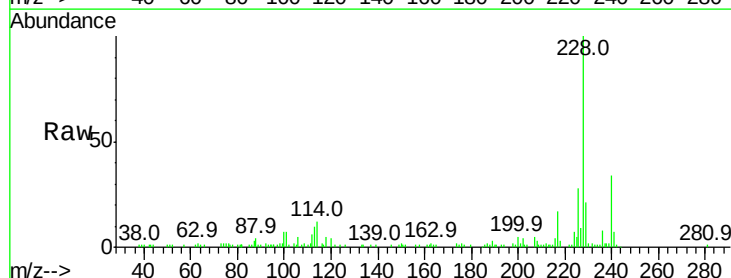
Tgt Ion:228 Resp: 55221

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

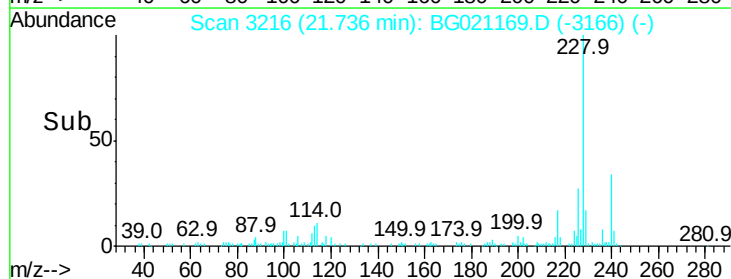
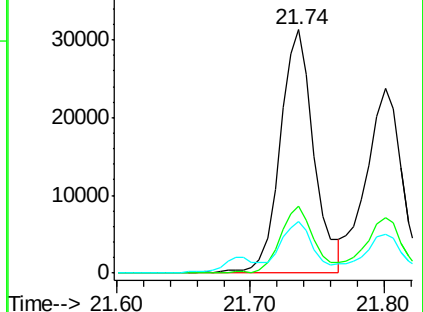
229 21.3 15.5 23.3

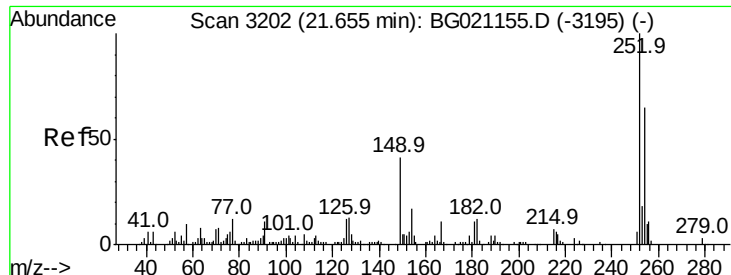


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 0.09 ng

RT: 21.81 min Scan# 3228

Delta R.T. 0.15 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

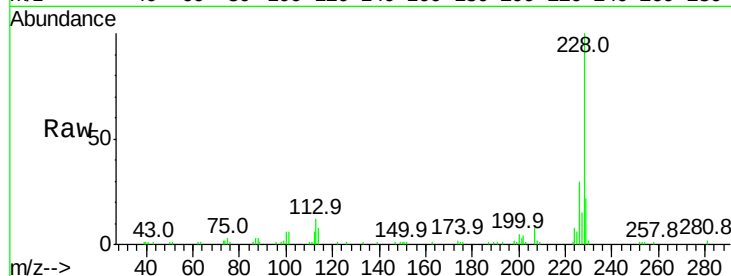
Tot Ion:252 Resp: 146

Ion Ratio Lower Upper

252 100

254 82.6 52.6 79.0#

126 83.6 8.3 12.5#

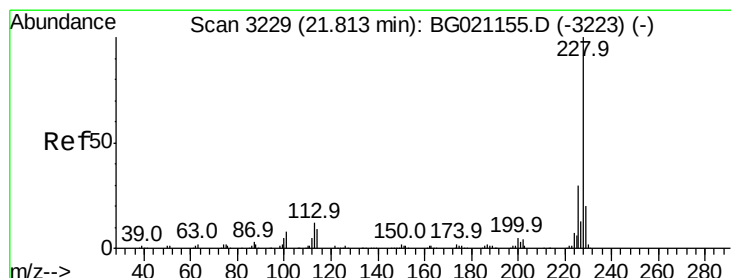
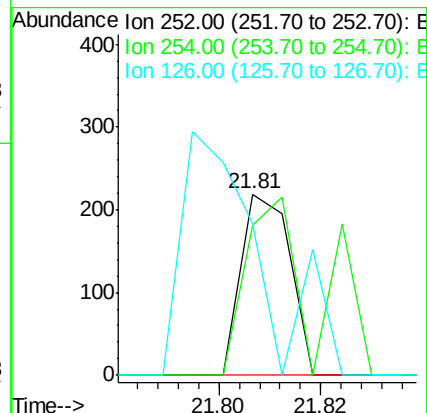
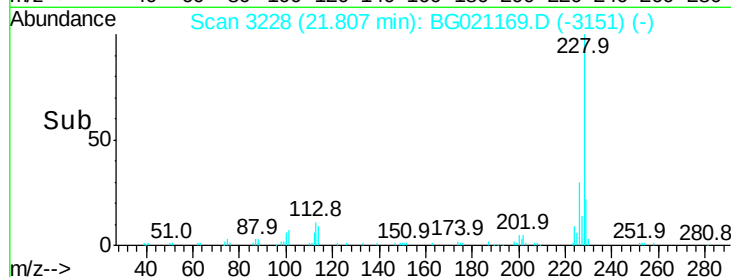


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->



#82

Chrysene

Concen: 10.18 ng

RT: 21.80 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

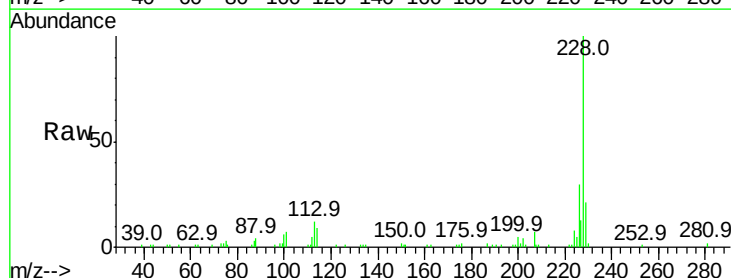
Tgt Ion:228 Resp: 43541

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 21.3 16.7 25.1

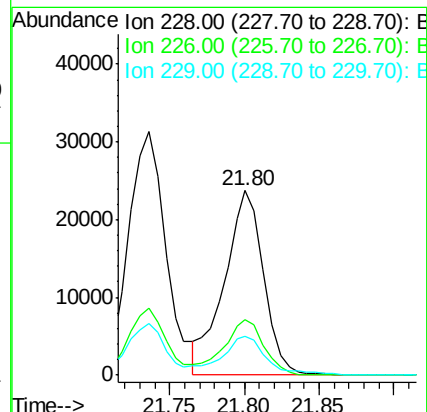
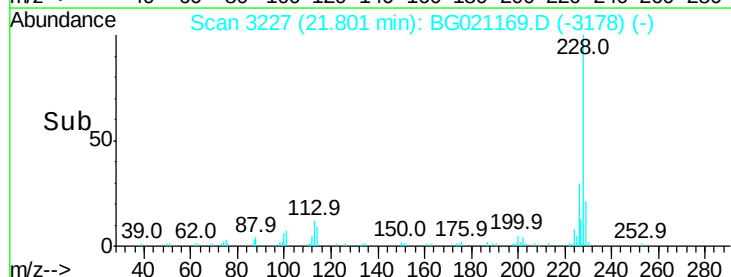


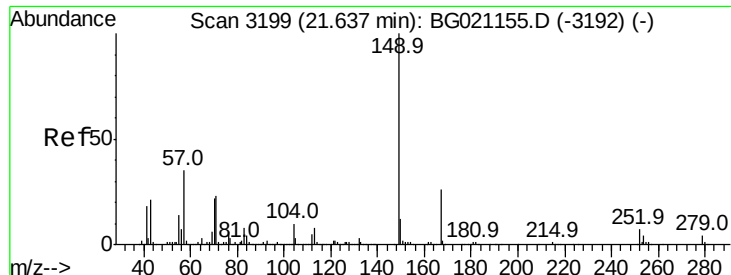
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

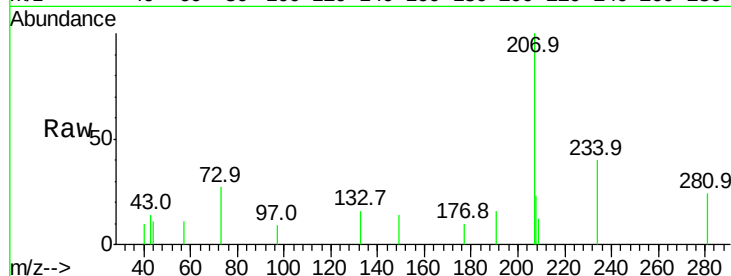
Tot Ion:149 Resp: 204

Ion Ratio Lower Upper

149 100

167 0.0 18.9 28.3#

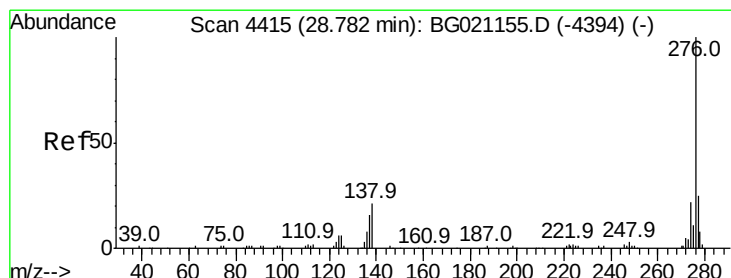
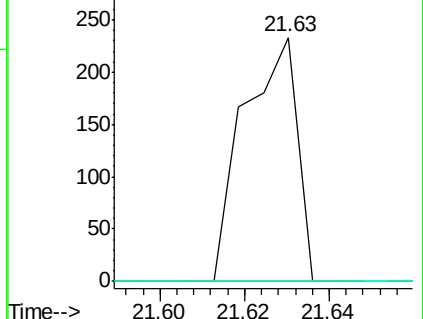
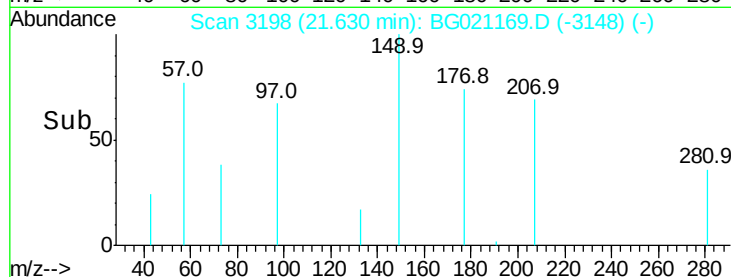
279 0.0 3.0 4.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.58 ng

RT: 28.74 min Scan# 4408

Delta R.T. -0.04 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

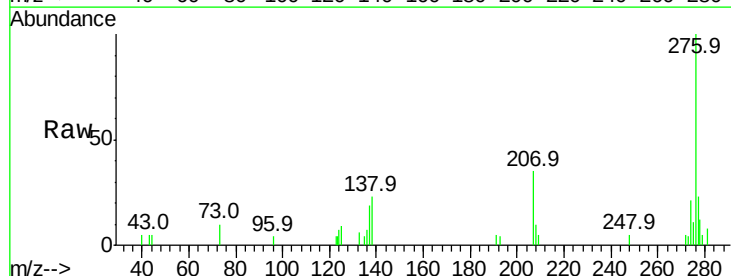
Tgt Ion:276 Resp: 22447

Ion Ratio Lower Upper

276 100

138 24.0 0.0 0.0#

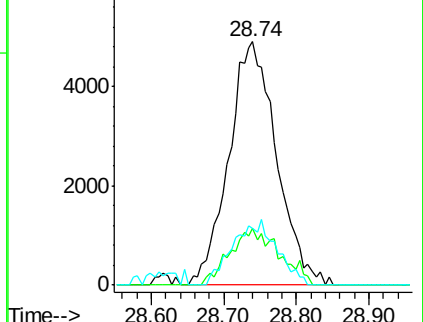
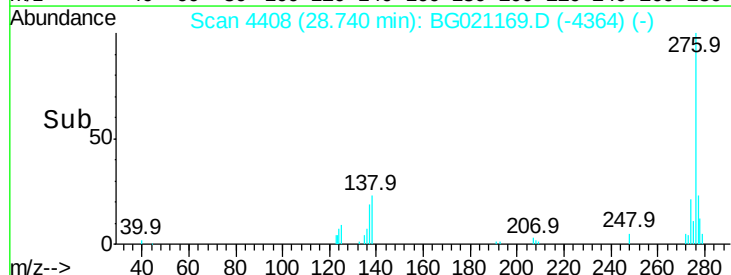
277 24.8 0.0 0.0#

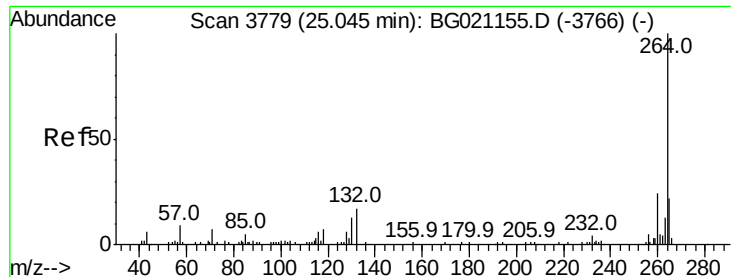


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



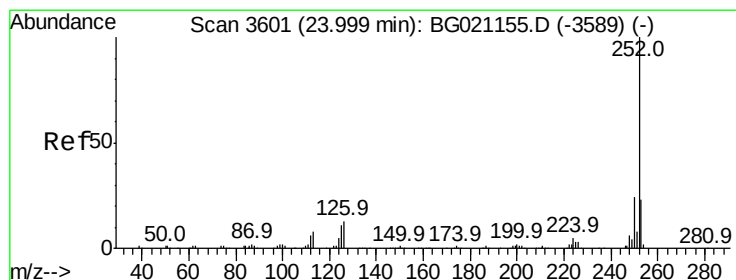
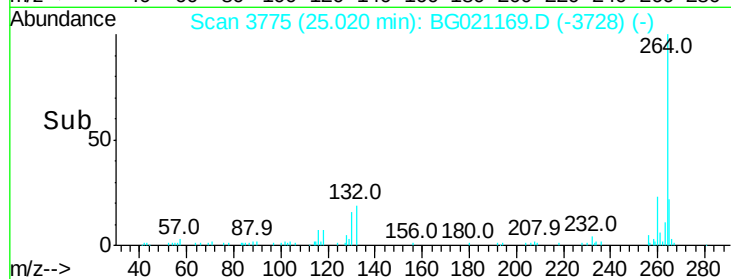
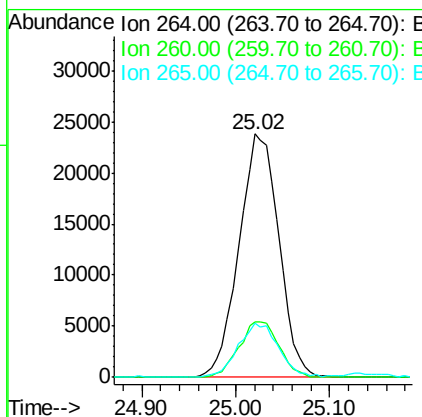
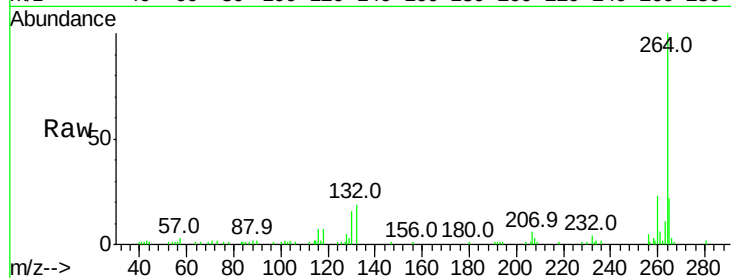


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3775
Delta R.T. -0.02 min
Lab File: BG021169.D
Acq: 1 Mar 2016 00:10

Instrument :
BNA_G
ClientSampleId :
40054+15(0-2)DL

Tot Ion:264 Resp: 69964

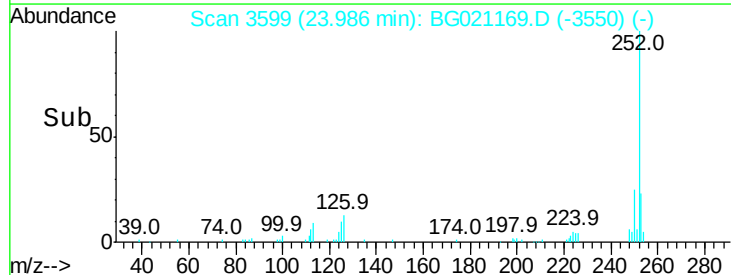
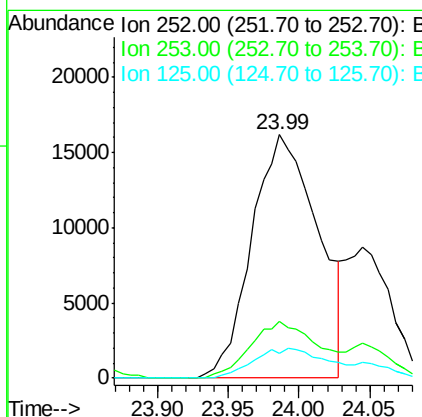
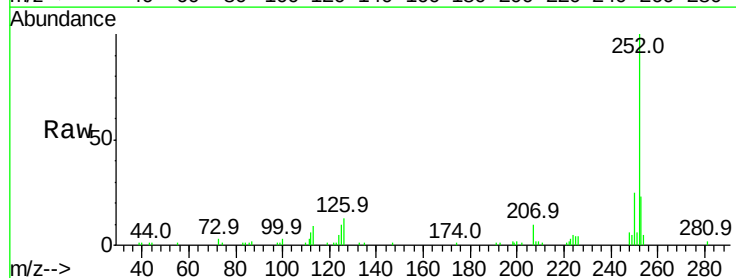
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	22.2	18.6	28.0

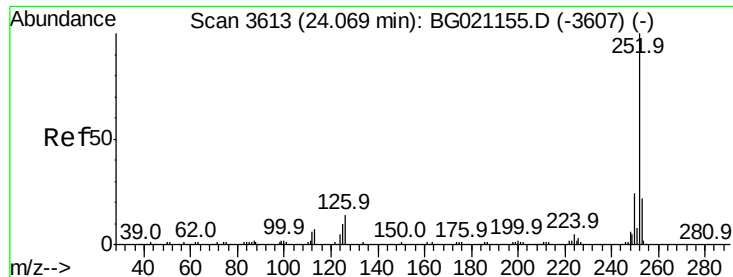


#87
Benzo(b)fluoranthene
Concen: 12.02 ng
RT: 23.99 min Scan# 3599
Delta R.T. -0.01 min
Lab File: BG021169.D
Acq: 1 Mar 2016 00:10

Tgt Ion:252 Resp: 52874

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.8	25.2
125	10.1	8.2	12.2





#88

Benzo(k)fluoranthene

Concen: 12.00 ng

RT: 23.99 min Scan# 3599

Delta R.T. -0.08 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

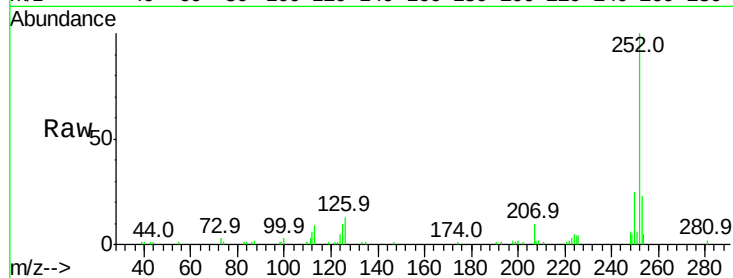
Tot Ion:252 Resp: 52874

Ion Ratio Lower Upper

252 100

253 23.4 16.4 24.6

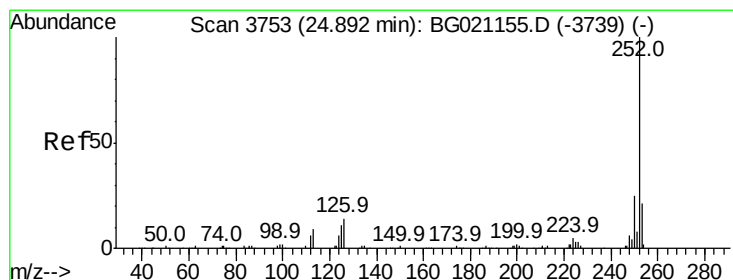
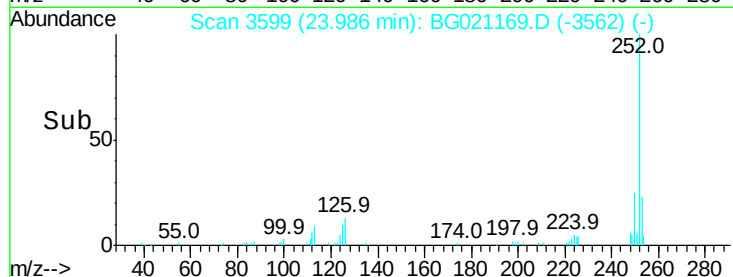
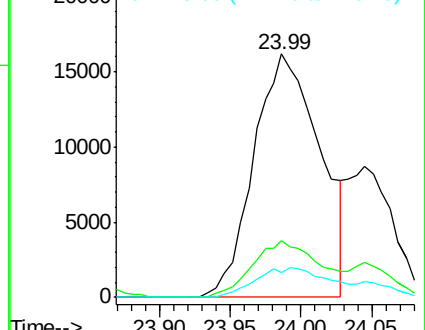
125 10.1 8.2 12.2



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: 9.07 ng

RT: 24.87 min Scan# 3749

Delta R.T. -0.02 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

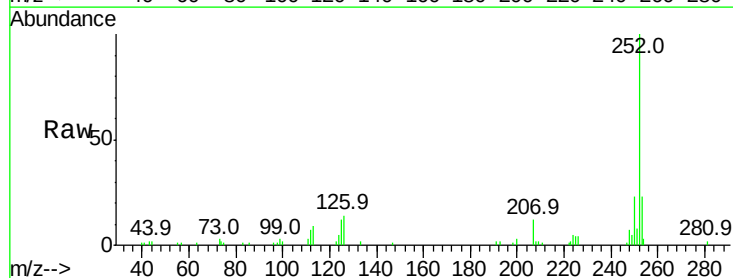
Tgt Ion:252 Resp: 38583

Ion Ratio Lower Upper

252 100

253 23.1 15.8 23.8

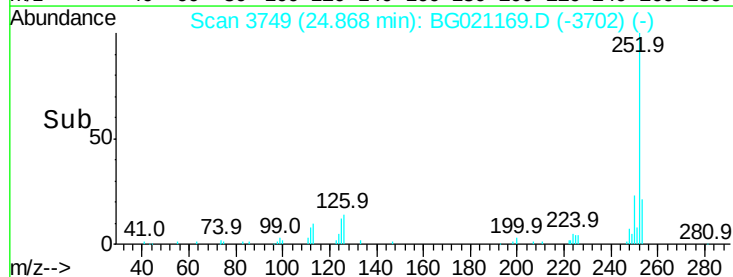
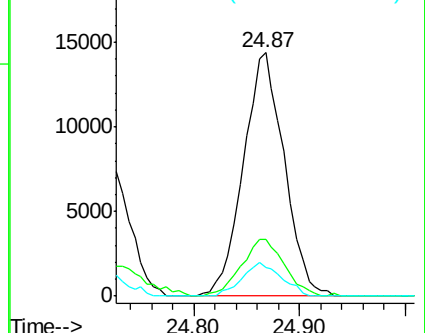
125 11.6 8.4 12.6

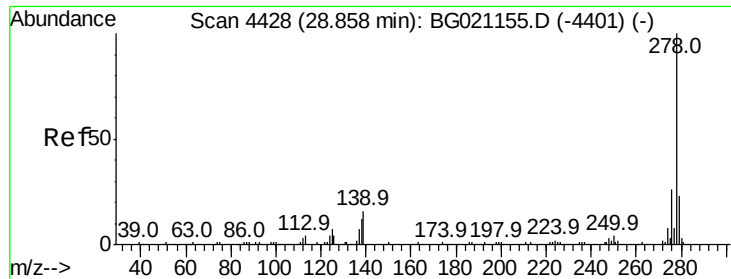


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.47 ng

RT: 28.79 min Scan# 4417

Delta R.T. -0.07 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

Instrument :

BNA_G

ClientSampleId :

40054+15(0-2)DL

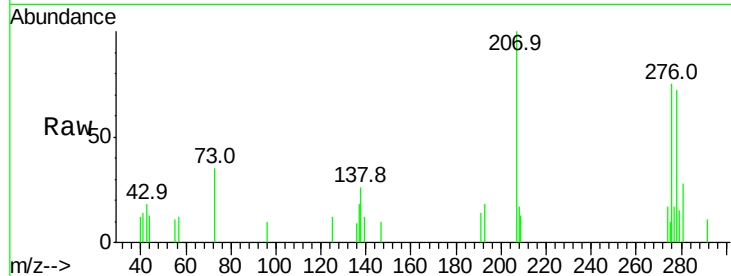
Tot Ion:278 Resp: 6192

Ion Ratio Lower Upper

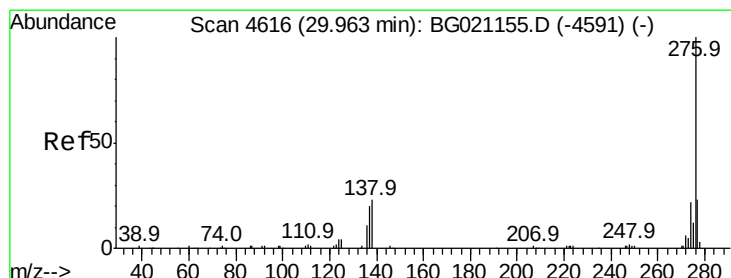
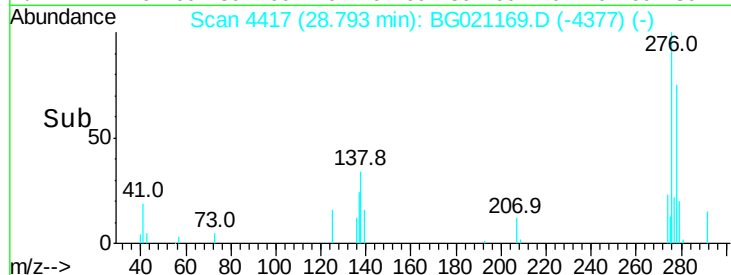
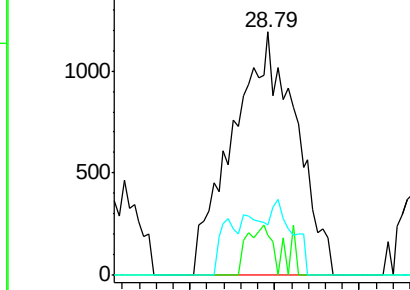
278 100

139 16.5 10.6 15.8#

279 20.9 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: 4.70 ng

RT: 29.91 min Scan# 4608

Delta R.T. -0.05 min

Lab File: BG021169.D

Acq: 1 Mar 2016 00:10

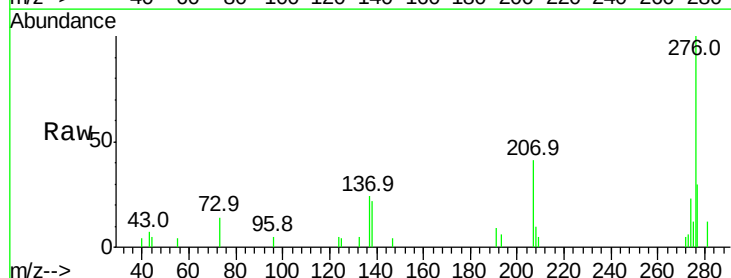
Tgt Ion:276 Resp: 19105

Ion Ratio Lower Upper

276 100

277 29.6 16.6 25.0#

138 21.8 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

