

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020622.D
 Acq On : 30 Dec 2015 23:45
 Operator : UM/SJ
 Sample : G4846-04DL 100X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N50DL

Quant Time: Dec 31 01:12:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 01:03:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	15797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	67103	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	50733	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	133595	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	161969	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	152064	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.60	113	139	0.12	ng/ul	-0.17
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	1632	0.39	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	1705	0.36	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	1803	0.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.44	188	133595	21.46	ng/ul	-0.10
79) Pyrene-d10	19.82	212	3092	0.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	2869	0.38	ng/ul	0.00

Target Compounds

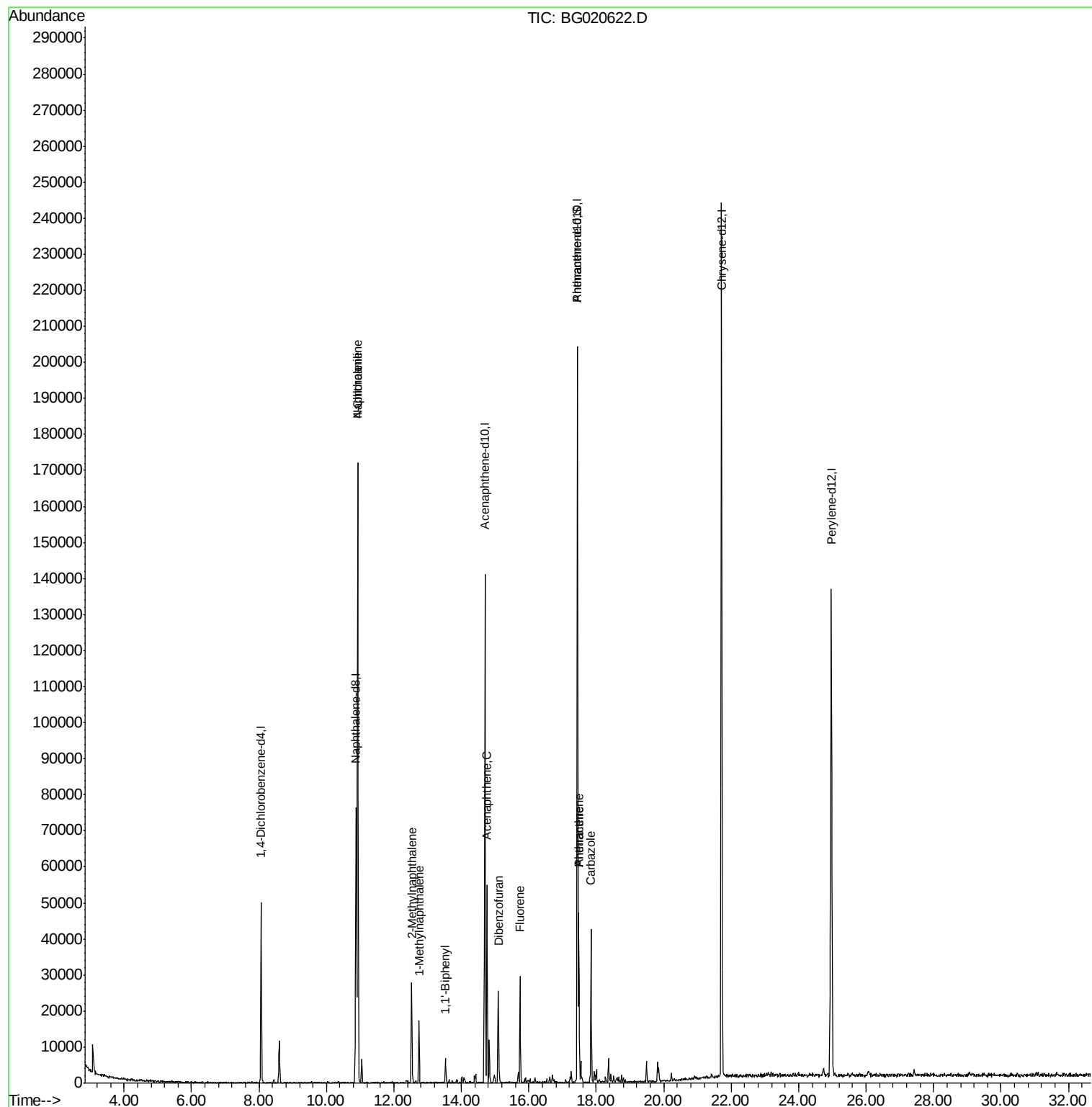
						Qvalue
28) Naphthalene	10.93	128	154961	43.61	ng/ul	99
30) 4-Chloroaniline	10.93	127	20728	14.86	ng/ul#	18
34) 2-Methylnaphthalene	12.53	142	15016	5.65	ng/ul	96
35) 1-Methylnaphthalene	12.74	142	8849	3.45	ng/ul	96
41) 1,1'-Biphenyl	13.53	154	4891	1.28	ng/ul	99
50) Acenaphthene	14.76	153	23788	7.00	ng/ul	96
54) Dibenzofuran	15.09	168	18737	3.65	ng/ul	95
59) Fluorene	15.74	166	13834	3.35	ng/ul	98
70) Phenanthrene	17.48	178	31346	4.32	ng/ul	99
72) Anthracene	17.48	178	31346	4.22	ng/ul	99
75) Carbazole	17.84	167	32004	5.11	ng/ul#	95

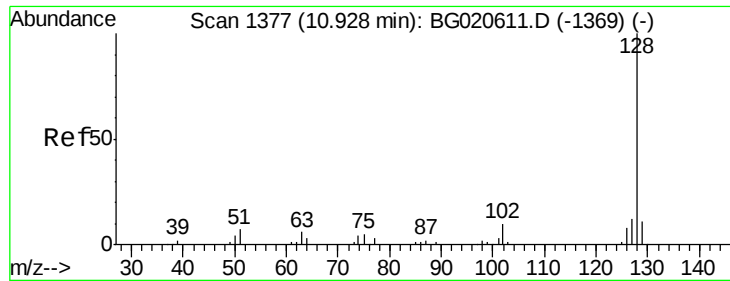
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 43.61 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BG020622.D

Acq: 30 Dec 2015 23:45

Instrument :

BNA_G

ClientSampleId :

D9N50DL

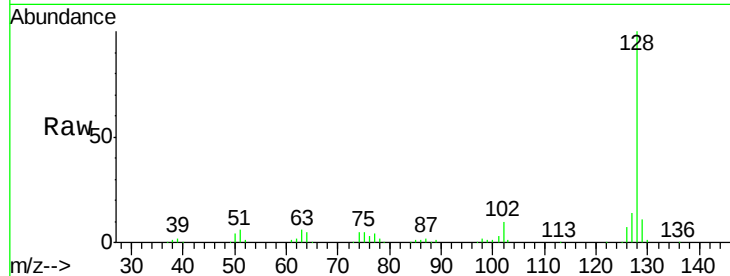
Tgt Ion:128 Resp: 154961

Ion Ratio Lower Upper

128 100

129 10.5 8.3 12.5

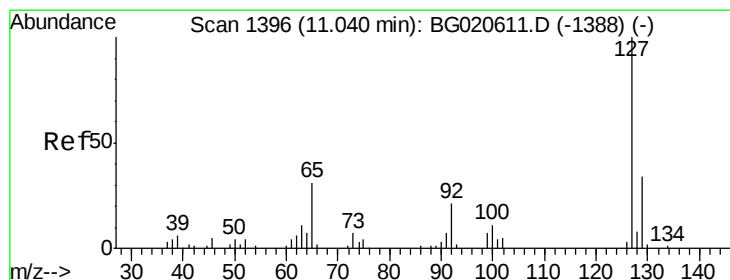
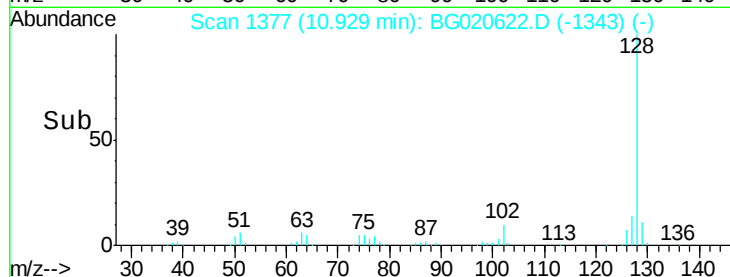
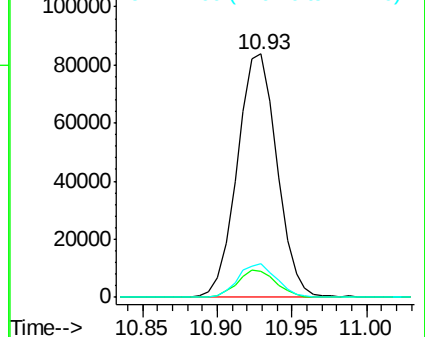
127 14.0 10.8 16.2



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



#30

4-Chloroaniline

Concen: 14.86 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.11 min

Lab File: BG020622.D

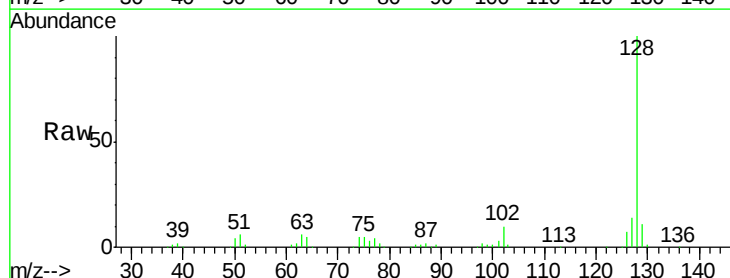
Acq: 30 Dec 2015 23:45

Tgt Ion:127 Resp: 20728

Ion Ratio Lower Upper

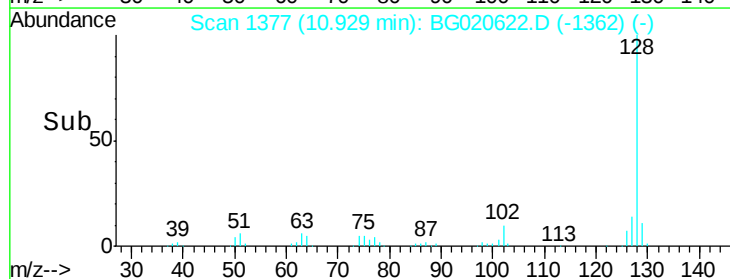
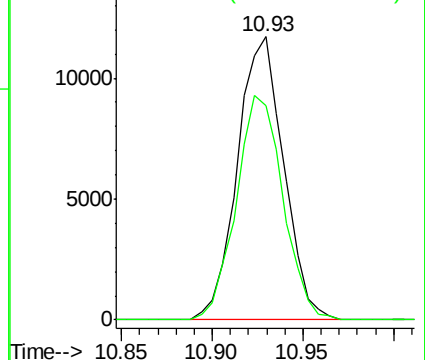
127 100

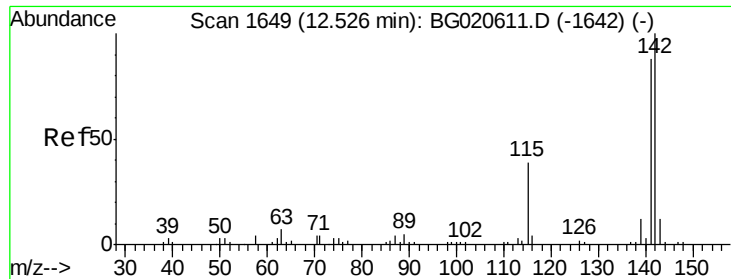
129 75.5 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

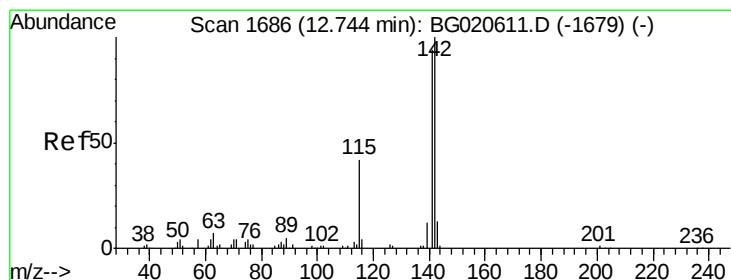
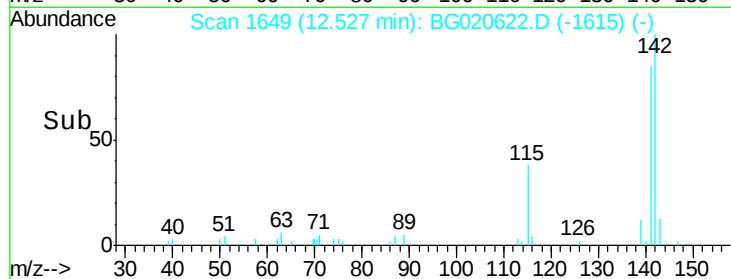
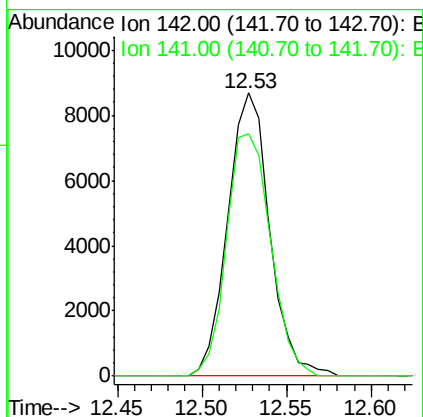
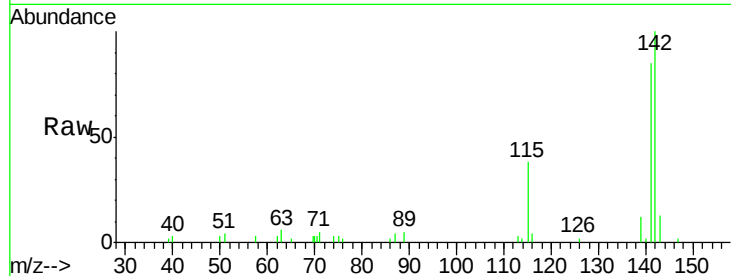




#34
 2-Methylnaphthalene
 Concen: 5.65 ng/ul
 RT: 12.53 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BG020622.D
 Acq: 30 Dec 2015 23:45

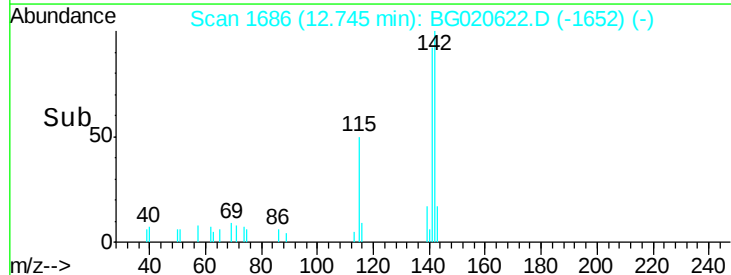
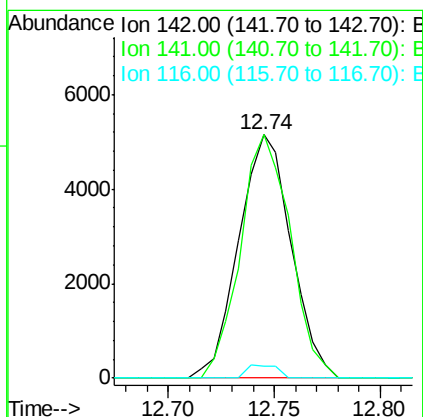
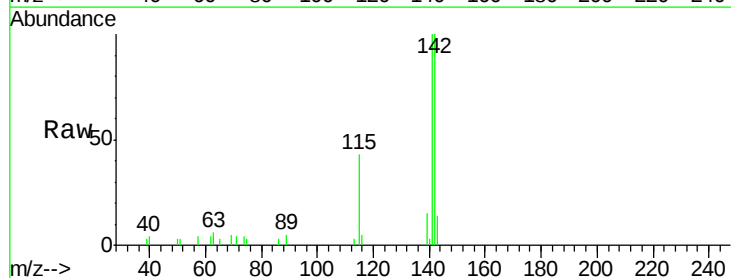
Instrument :
 BNA_G
 ClientSampleId :
 D9N50DL

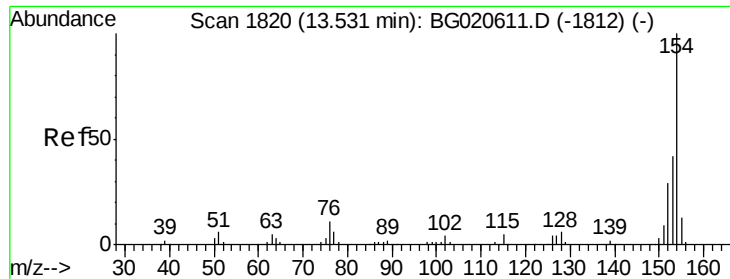
Tgt Ion:142 Resp: 15016
 Ion Ratio Lower Upper
 142 100
 141 85.4 71.4 107.2



#35
 1-Methylnaphthalene
 Concen: 3.45 ng/ul
 RT: 12.74 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG020622.D
 Acq: 30 Dec 2015 23:45

Tgt Ion:142 Resp: 8849
 Ion Ratio Lower Upper
 142 100
 141 99.9 76.6 115.0
 116 4.7 3.6 5.4

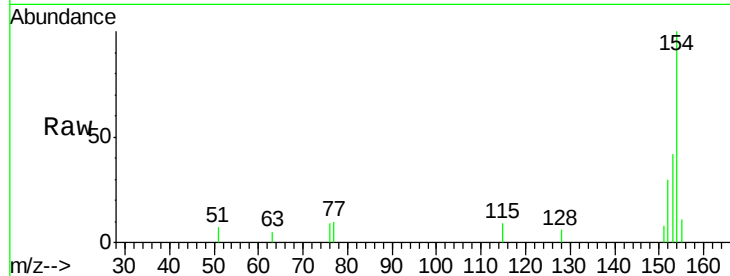




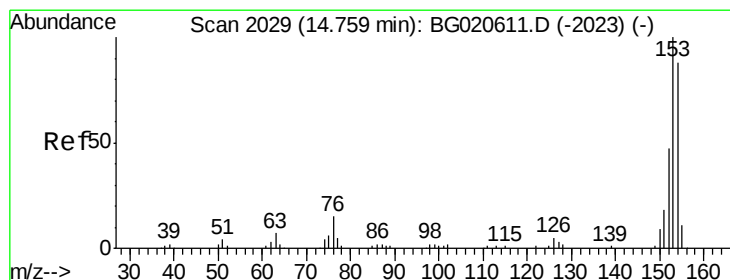
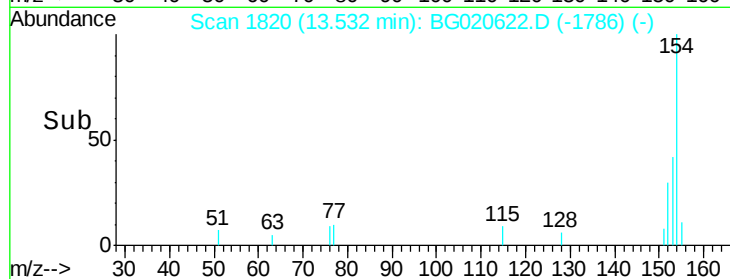
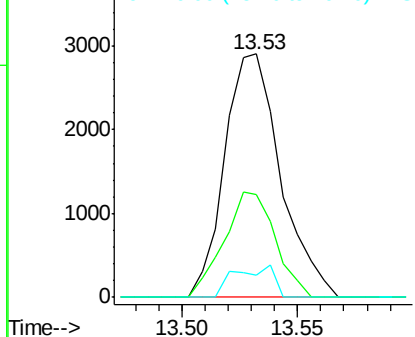
#41
 1,1'-Biphenyl
 Concen: 1.28 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG020622.D
 Acq: 30 Dec 2015 23:45

Instrument :
 BNA_G
 ClientSampleId :
 D9N50DL

Tgt Ion:154 Resp: 4891
 Ion Ratio Lower Upper
 154 100
 153 42.4 34.0 51.0
 76 9.1 8.4 12.6

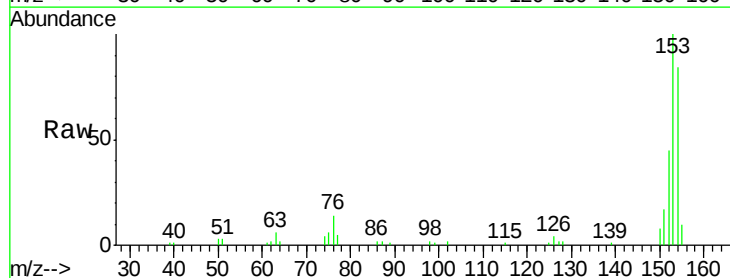


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

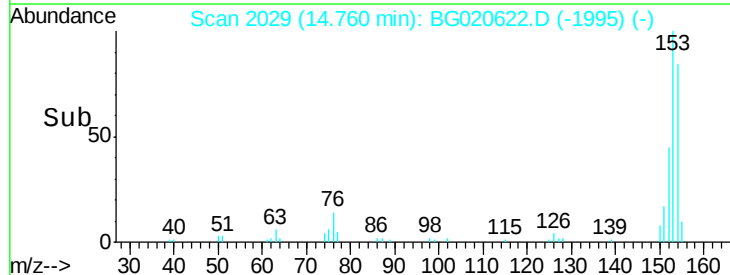
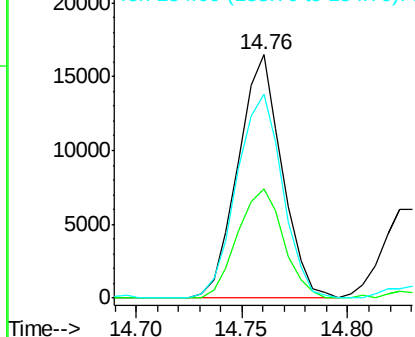


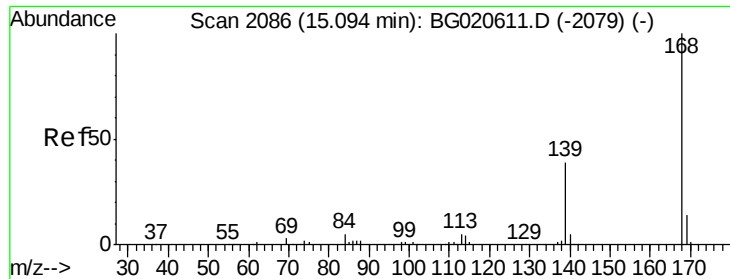
#50
 Acenaphthene
 Concen: 7.00 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG020622.D
 Acq: 30 Dec 2015 23:45

Tgt Ion:153 Resp: 23788
 Ion Ratio Lower Upper
 153 100
 152 45.0 37.9 56.9
 154 83.5 69.8 104.6



Abundance Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 3.65 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG020622.D

Acq: 30 Dec 2015 23:45

Instrument :

BNA_G

ClientSampleId :

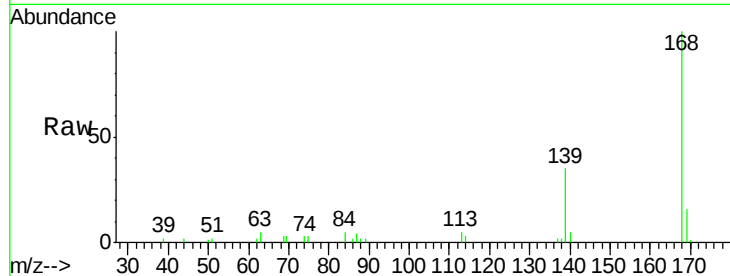
D9N50DL

Tgt Ion:168 Resp: 18737

Ion Ratio Lower Upper

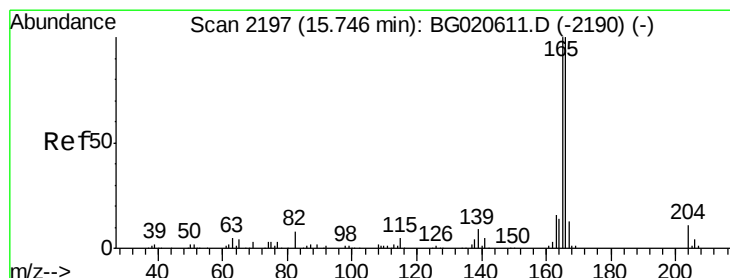
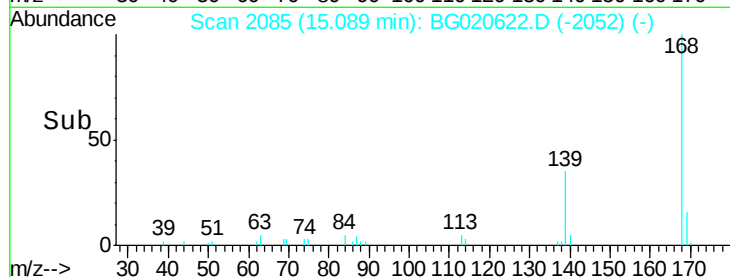
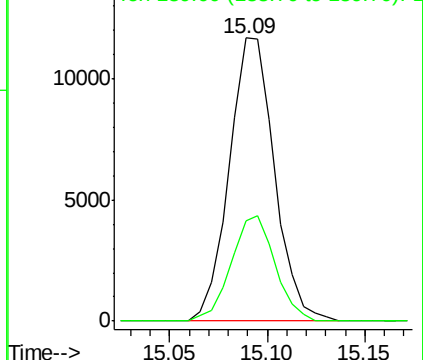
168 100

139 35.4 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 3.35 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG020622.D

Acq: 30 Dec 2015 23:45

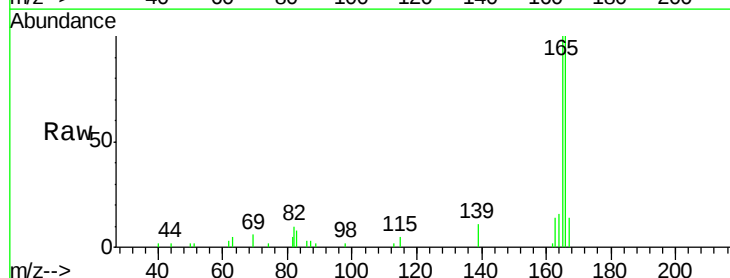
Tgt Ion:166 Resp: 13834

Ion Ratio Lower Upper

166 100

165 100.3 78.4 117.6

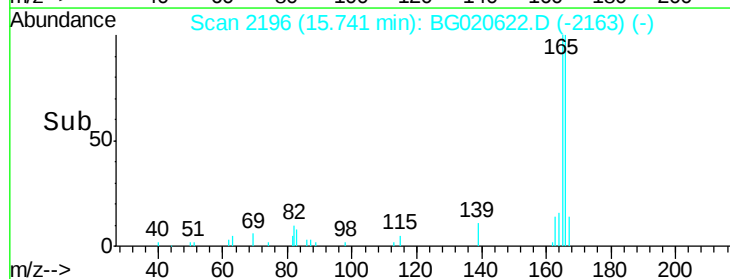
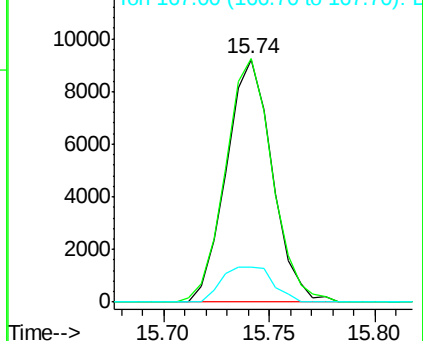
167 14.5 11.1 16.7

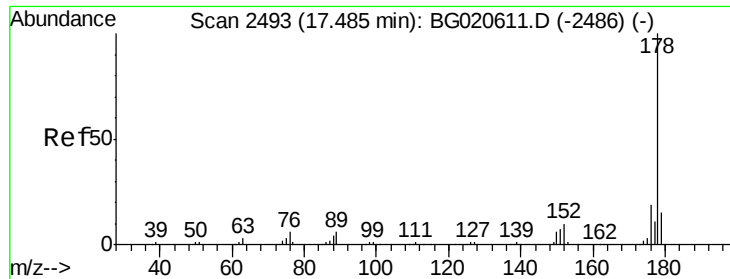


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 4.32 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BG020622.D

Acq: 30 Dec 2015 23:45

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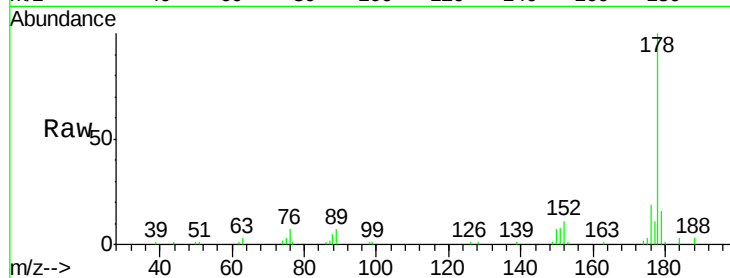
Tgt Ion:178 Resp: 31346

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

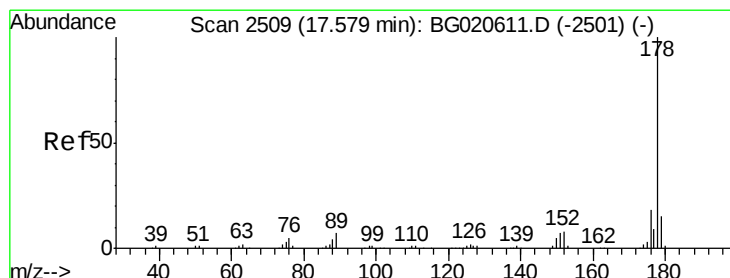
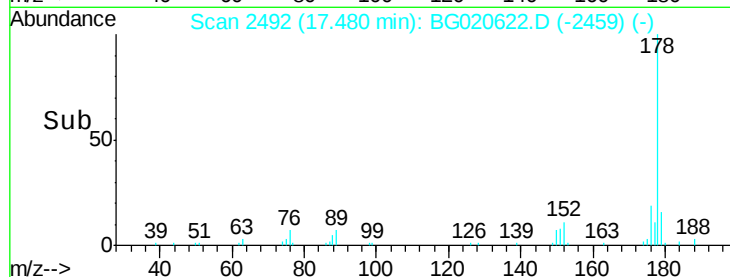
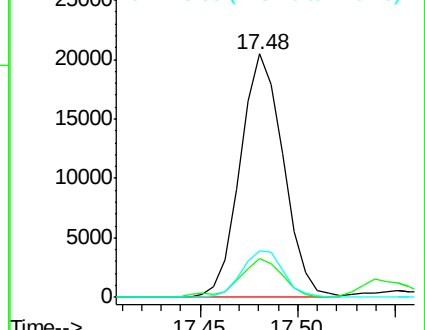
176 19.0 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 4.22 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.10 min

Lab File: BG020622.D

Acq: 30 Dec 2015 23:45

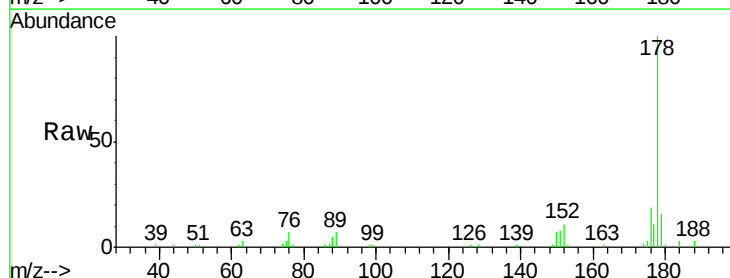
Tgt Ion:178 Resp: 31346

Ion Ratio Lower Upper

178 100

179 15.9 13.4 20.2

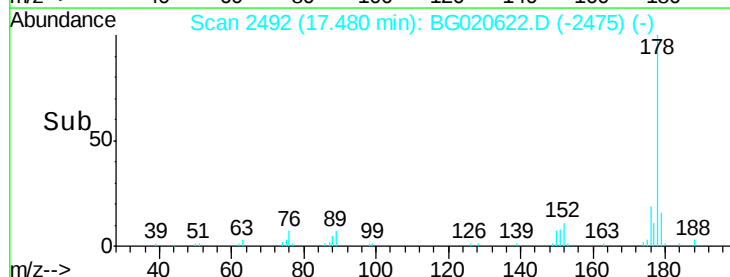
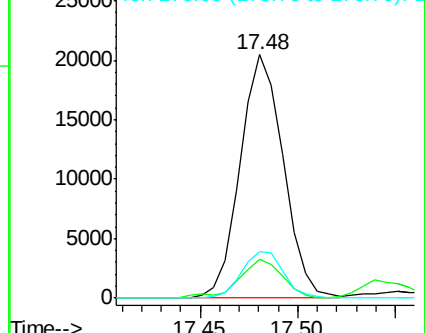
176 19.0 15.4 23.0

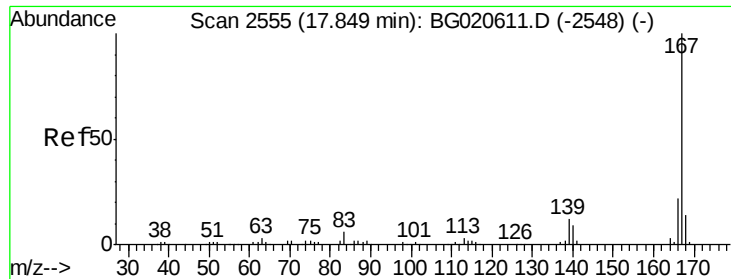


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 5.11 ng/ul

RT: 17.84 min Scan# 2554

Delta R.T. -0.00 min

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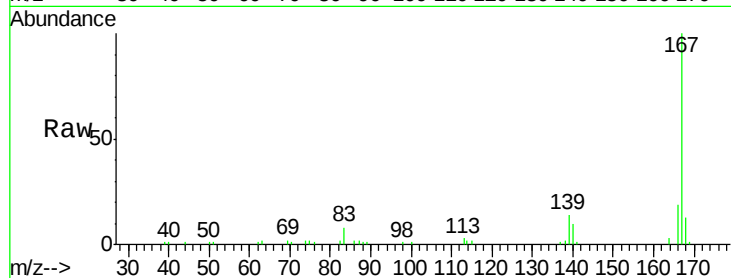
Tgt Ion:167 Resp: 32004

Ion Ratio Lower Upper

167 100

166 19.4 17.0 25.4

139 13.7 9.1 13.7#



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

