

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020623.D
 Acq On : 31 Dec 2015 00:24
 Operator : UM/SJ
 Sample : G4846-05DL 150X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51DL

Quant Time: Dec 31 01:12:59 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	14739	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	64705	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	47524	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	131120	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	162678	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	155174	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	90	0.08	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	14.09	166	907	0.23	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	1185	0.27	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	1195	0.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.44	188	131120	21.46	ng/ul	-0.10
79) Pyrene-d10	19.83	212	1946	0.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	1324	0.17	ng/ul	0.00

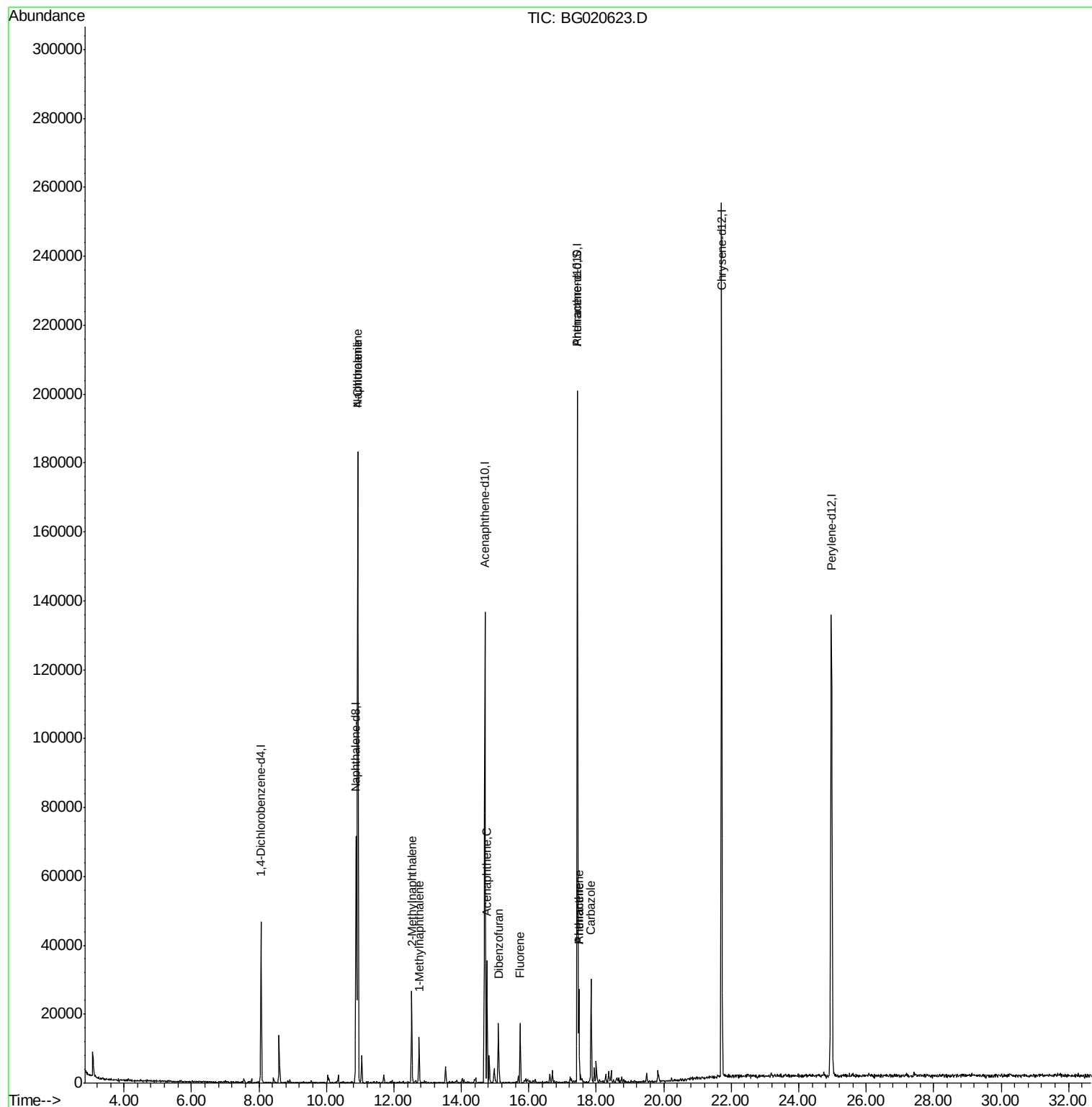
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.92	128	158351	46.21	ng/ul	99
30) 4-Chloroaniline	10.93	127	21379	15.90	ng/ul#	13
34) 2-Methylnaphthalene	12.53	142	13372	5.22	ng/ul	90
35) 1-Methylnaphthalene	12.75	142	7177	2.90	ng/ul	90
50) Acenaphthene	14.76	153	15893	4.99	ng/ul	96
54) Dibenzofuran	15.10	168	13145	2.73	ng/ul	96
59) Fluorene	15.74	166	9065	2.34	ng/ul	94
70) Phenanthrene	17.48	178	18461	2.59	ng/ul	98
72) Anthracene	17.48	178	18461	2.53	ng/ul	96
75) Carbazole	17.85	167	22447	3.65	ng/ul	99

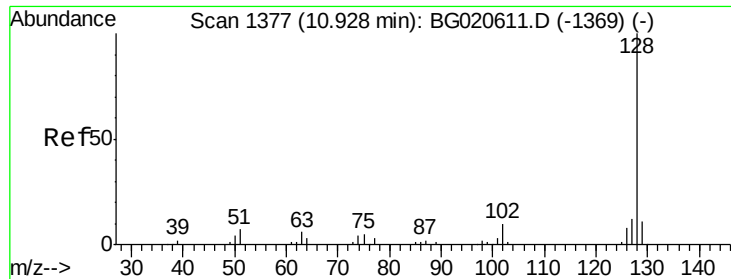
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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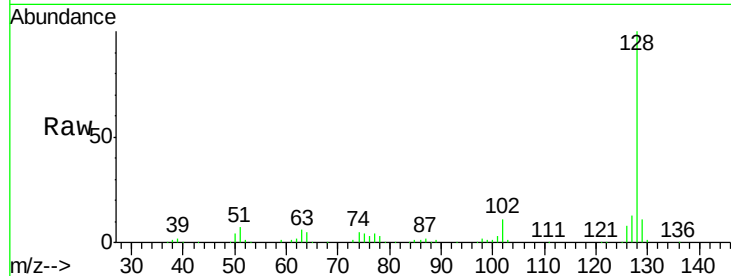




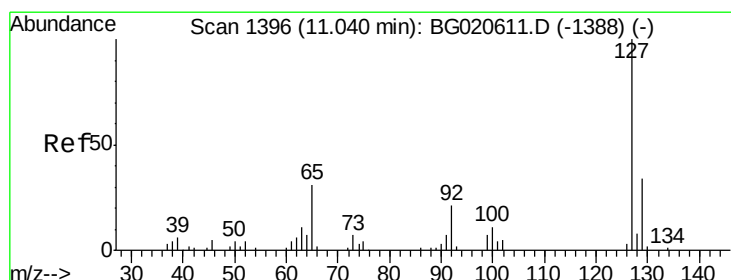
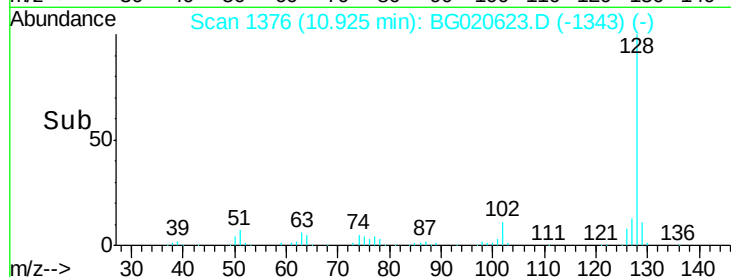
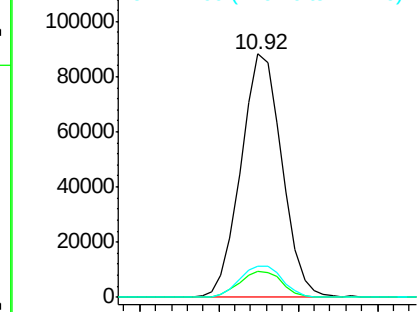
#28
Naphthalene
Concen: 46.21 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG020623.D
Acq: 31 Dec 2015 00:24

Instrument :
BNA_G
ClientSampleId :
D9N51DL

Tgt Ion:128 Resp: 158351
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 12.8 10.8 16.2

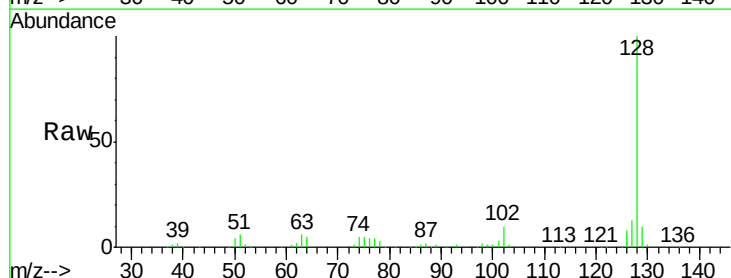


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

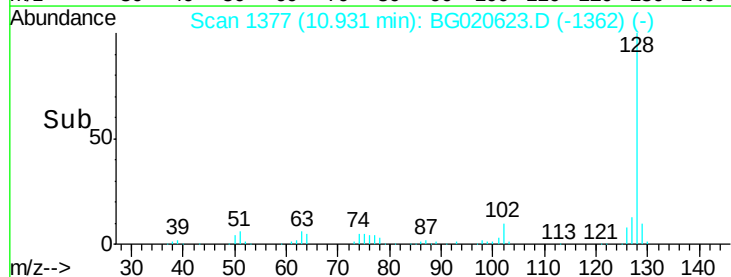
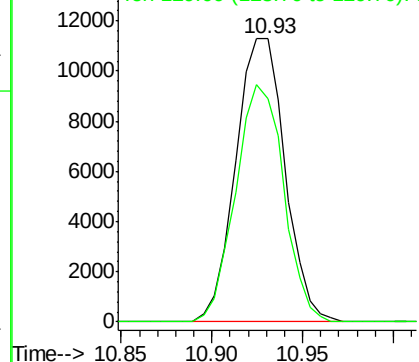


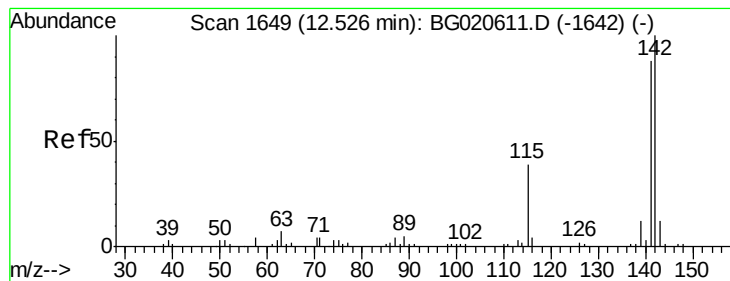
#30
4-Chloroaniline
Concen: 15.90 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. -0.11 min
Lab File: BG020623.D
Acq: 31 Dec 2015 00:24

Tgt Ion:127 Resp: 21379
Ion Ratio Lower Upper
127 100
129 78.7 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: 5.22 ng/ul

RT: 12.53 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG020623.D

Acq: 31 Dec 2015 00:24

Instrument :

BNA_G

ClientSampleId :

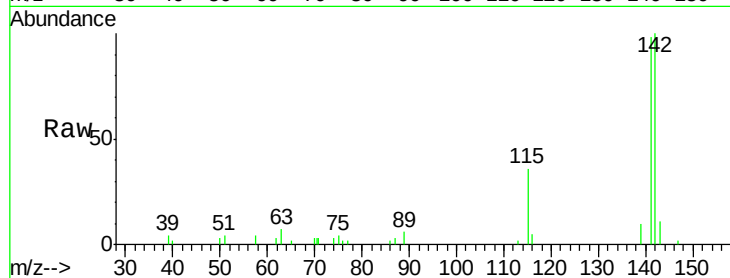
D9N51DL

Tgt Ion:142 Resp: 13372

Ion Ratio Lower Upper

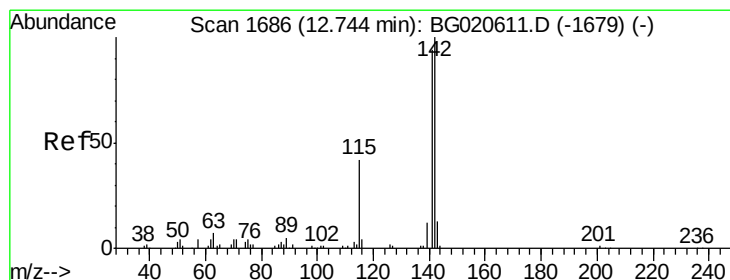
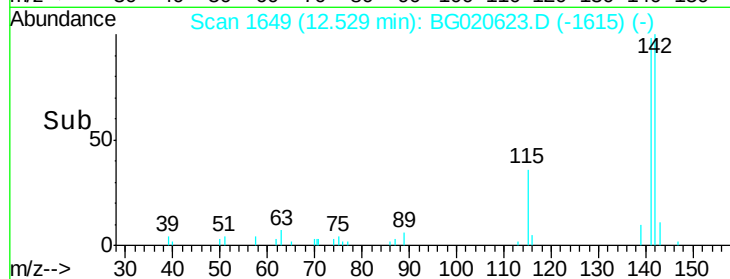
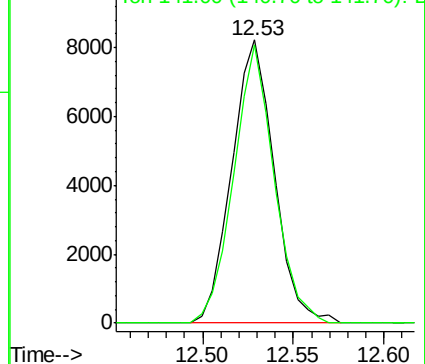
142 100

141 98.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 2.90 ng/ul

RT: 12.75 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BG020623.D

Acq: 31 Dec 2015 00:24

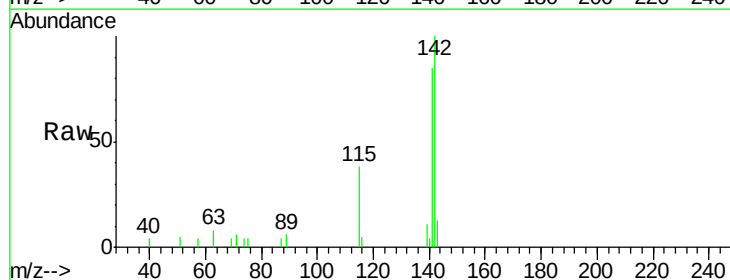
Tgt Ion:142 Resp: 7177

Ion Ratio Lower Upper

142 100

141 85.3 76.6 115.0

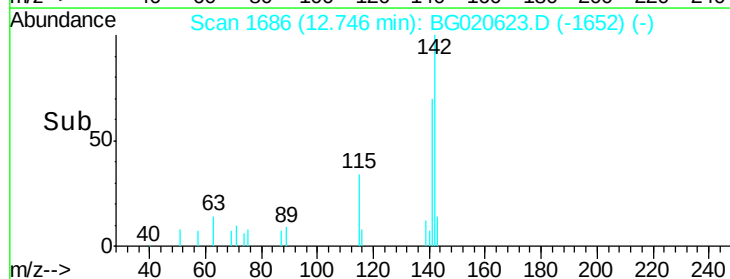
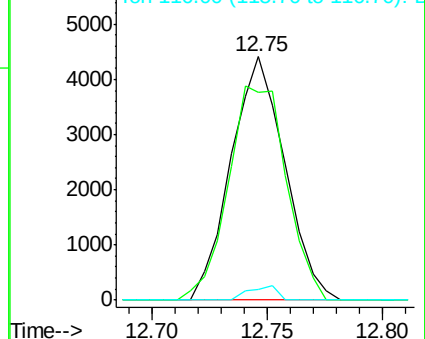
116 4.6 3.6 5.4

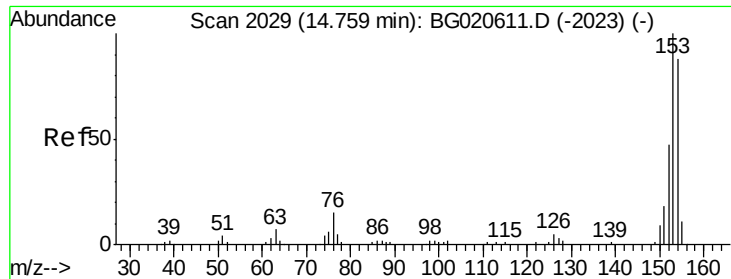


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#50

Acenaphthene

Concen: 4.99 ng/ul

RT: 14.76 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG020623.D

Acq: 31 Dec 2015 00:24

Instrument :

BNA_G

ClientSampleId :

D9N51DL

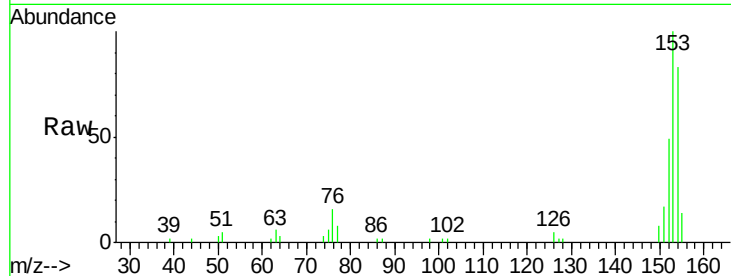
Tgt Ion:153 Resp: 15893

Ion Ratio Lower Upper

153 100

152 49.5 37.9 56.9

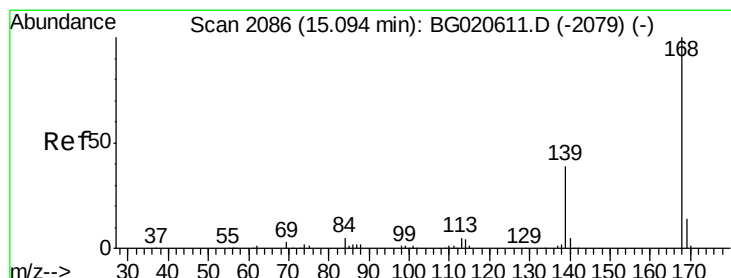
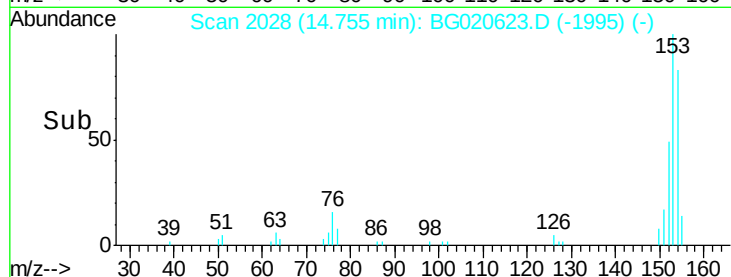
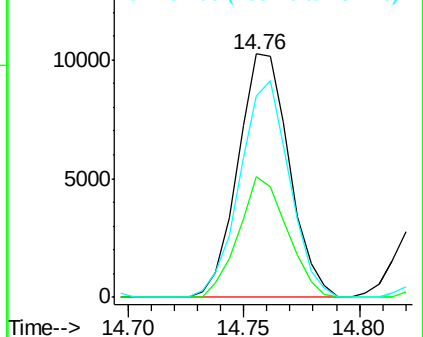
154 82.9 69.8 104.6



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

Dibenzofuran

Concen: 2.73 ng/ul

RT: 15.10 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG020623.D

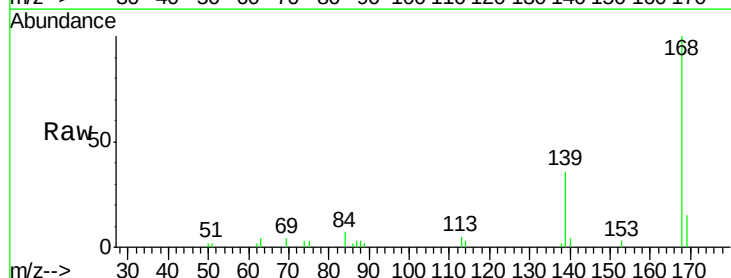
Acq: 31 Dec 2015 00:24

Tgt Ion:168 Resp: 13145

Ion Ratio Lower Upper

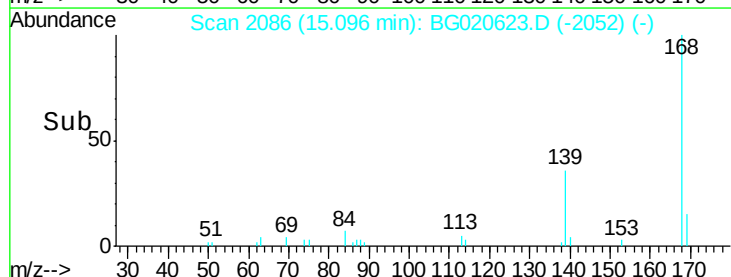
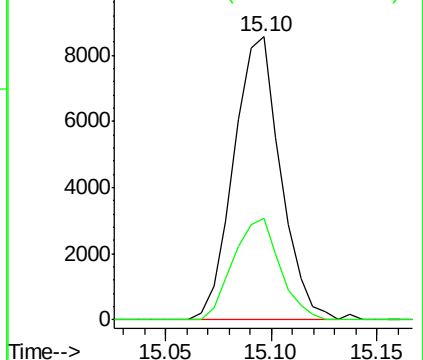
168 100

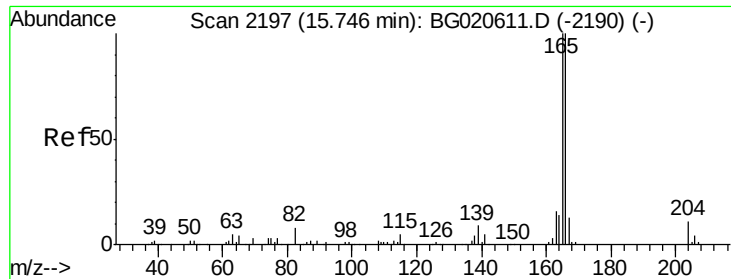
139 36.0 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

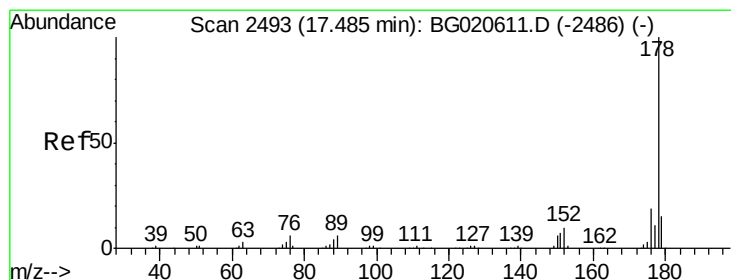
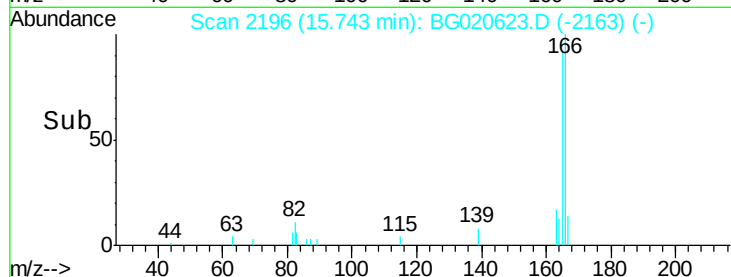
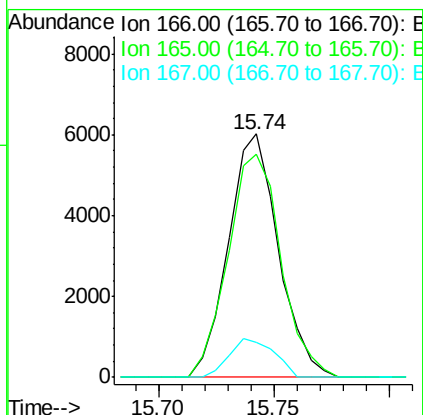
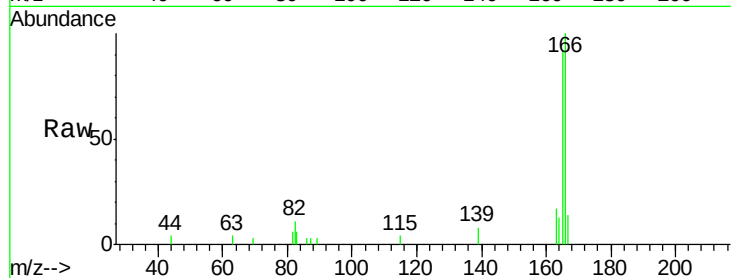




#59
Fluorene
Concen: 2.34 ng/ul
RT: 15.74 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG020623.D
Acq: 31 Dec 2015 00:24

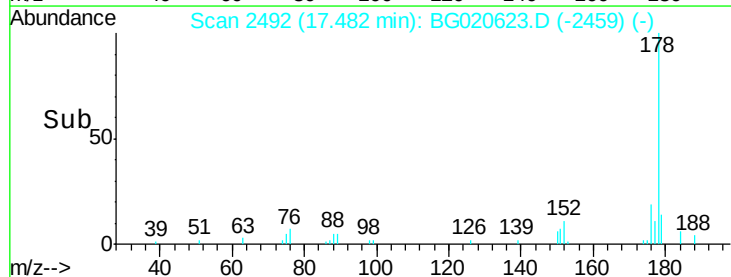
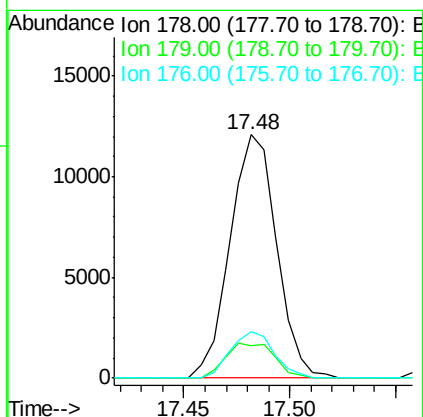
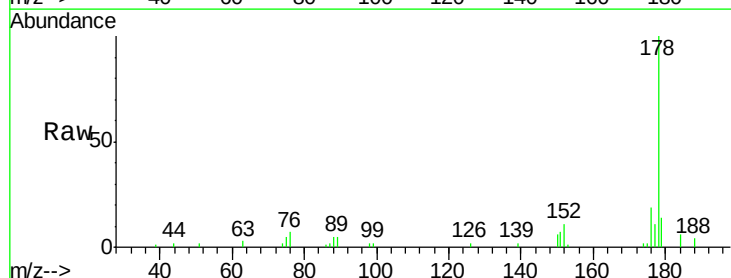
Instrument :
BNA_G
ClientSampleId :
D9N51DL

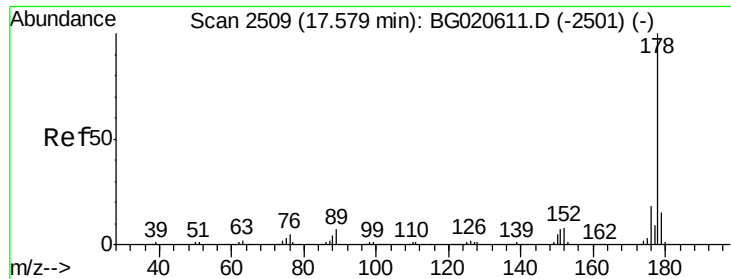
Tgt Ion:166 Resp: 9065
Ion Ratio Lower Upper
166 100
165 91.8 78.4 117.6
167 14.2 11.1 16.7



#70
Phenanthrene
Concen: 2.59 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG020623.D
Acq: 31 Dec 2015 00:24

Tgt Ion:178 Resp: 18461
Ion Ratio Lower Upper
178 100
179 13.5 12.3 18.5
176 18.9 15.4 23.0





#72

Anthracene

Concen: 2.53 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.10 min

Lab File: BG020623.D

Acq: 31 Dec 2015 00:24

Instrument :

BNA_G

ClientSampleId :

D9N51DL

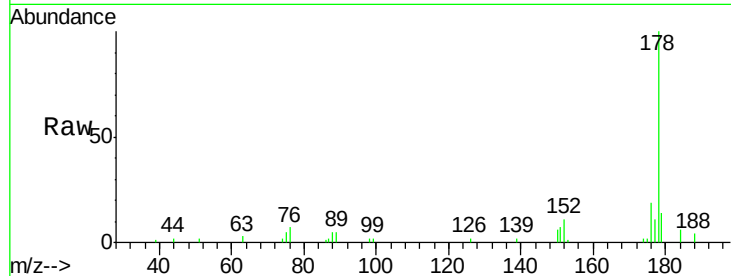
Tgt Ion:178 Resp: 18461

Ion Ratio Lower Upper

178 100

179 13.5 13.4 20.2

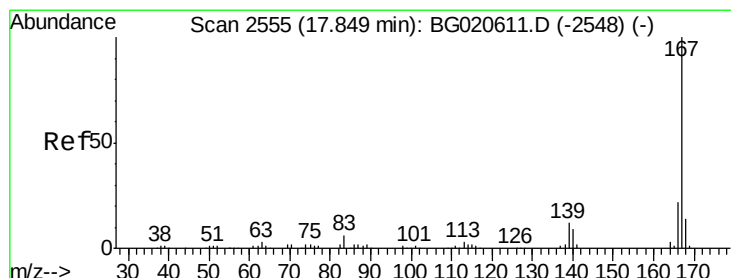
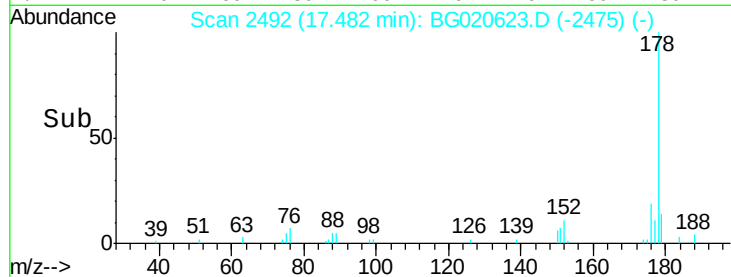
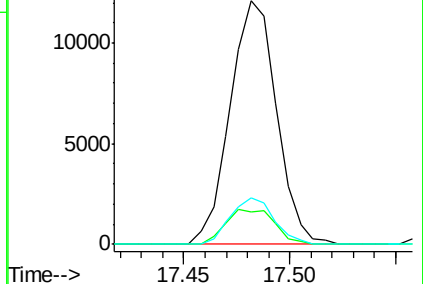
176 18.9 15.4 23.0



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: 3.65 ng/ul

RT: 17.85 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BG020623.D

Acq: 31 Dec 2015 00:24

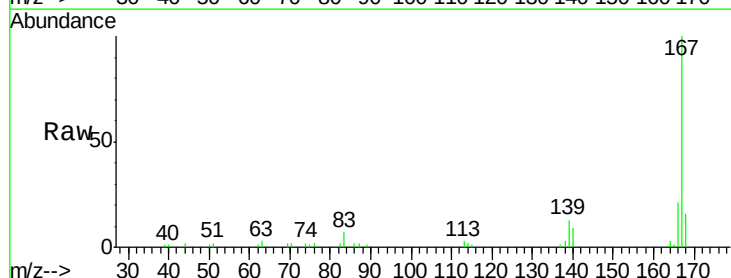
Tgt Ion:167 Resp: 22447

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 12.9 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

