

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020630.D
 Acq On : 31 Dec 2015 5:36
 Operator : UM/SJ
 Sample : G4846-11DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N57DL

Quant Time: Dec 31 08:14:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 03:43:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	64314	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	49690	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	128748	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	158683	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	152610	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	7.23	99	1796	1.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	5032	6.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	5265	5.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	3642	3.48	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	3321	6.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	3731	6.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	6443	5.88	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	31743	7.81	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	35461	7.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	186	0.29	ng/ul	0.01
58) Fluorene-d10	15.69	176	28601	7.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	2841	3.64	ng/ul	0.00
71) Anthracene-d10	17.54	188	49231	8.21	ng/ul	0.00
79) Pyrene-d10	19.82	212	57455	8.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	59879	7.86	ng/ul	0.00

Target Compounds

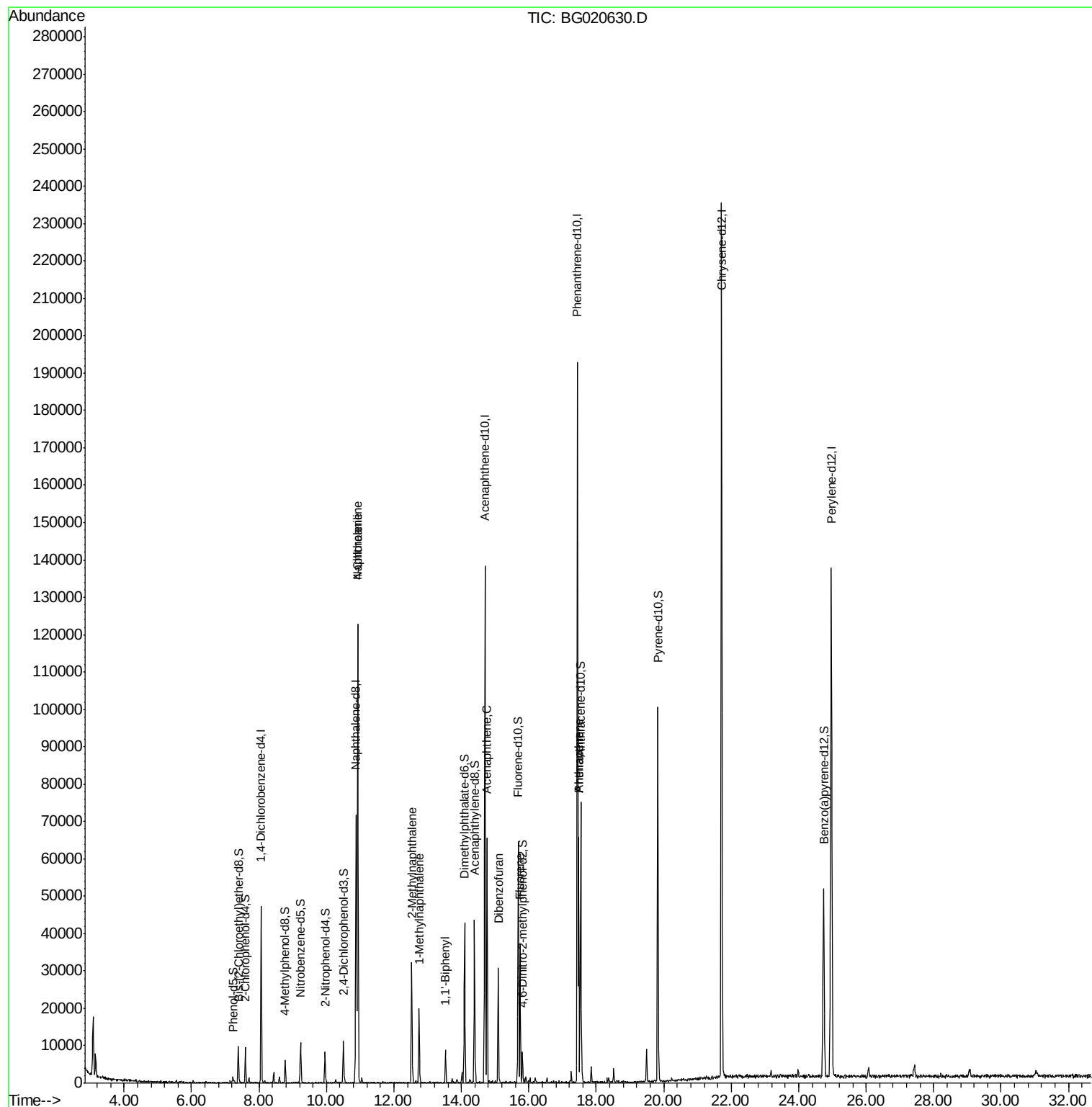
						Qvalue
28) Naphthalene	10.93	128	107298	31.50	ng/ul	97
30) 4-Chloroaniline	10.93	127	14549	10.89	ng/ul#	1
34) 2-Methylnaphthalene	12.53	142	16945	6.65	ng/ul	99
35) 1-Methylnaphthalene	12.75	142	10251	4.17	ng/ul#	95
41) 1,1'-Biphenyl	13.54	154	5640	1.51	ng/ul#	98
50) Acenaphthene	14.76	153	29093	8.74	ng/ul	97
54) Dibenzofuran	15.09	168	21801	4.33	ng/ul	100
59) Fluorene	15.74	166	18028	4.45	ng/ul	88
70) Phenanthrene	17.48	178	45793	6.54	ng/ul	97
72) Anthracene	17.48	178	45793	6.40	ng/ul	95

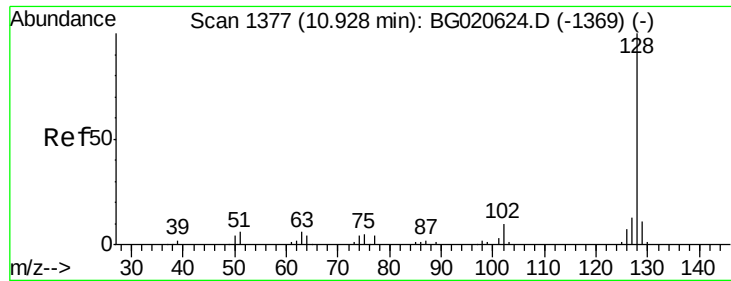
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 31.50 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG020630.D

Acq: 31 Dec 2015 5:36

Instrument :

BNA_G

ClientSampleId :

D9N57DL

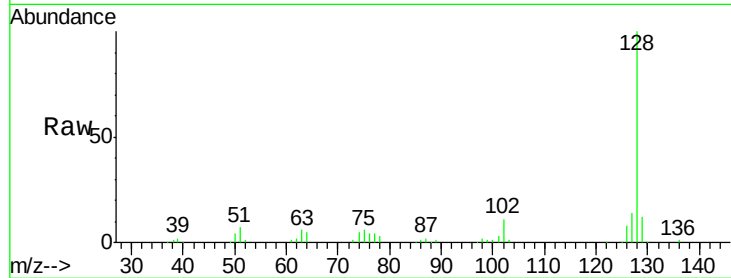
Tgt Ion:128 Resp: 107298

Ion Ratio Lower Upper

128 100

129 12.1 8.3 12.5

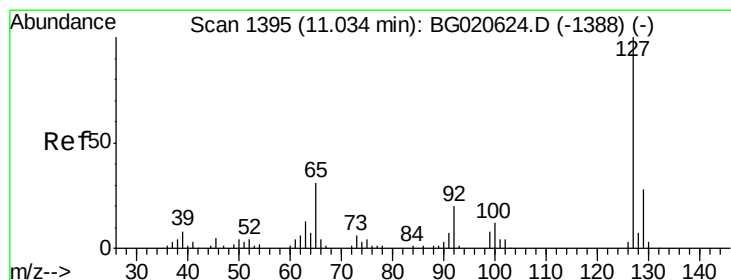
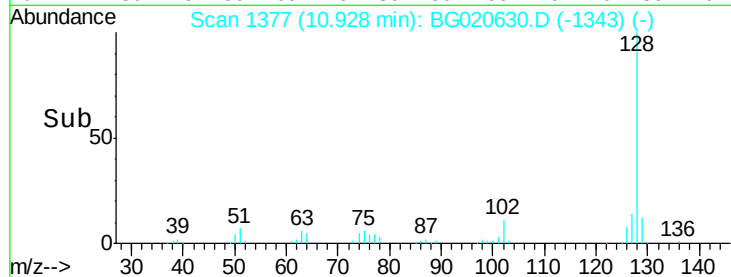
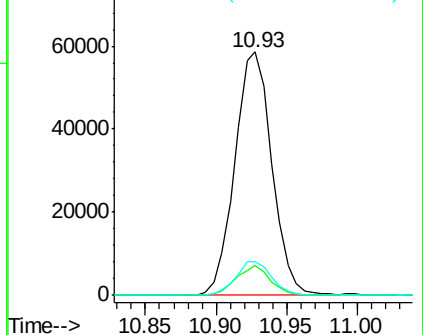
127 14.1 10.8 16.2



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: 10.89 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.11 min

Lab File: BG020630.D

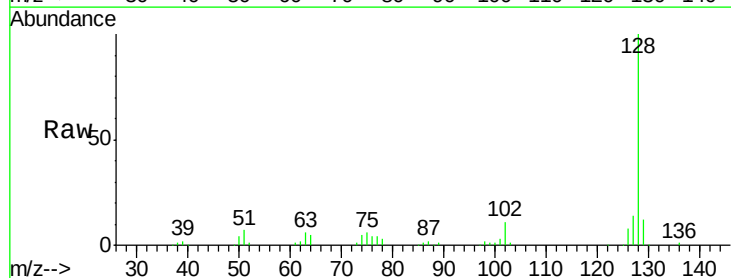
Acq: 31 Dec 2015 5:36

Tgt Ion:127 Resp: 14549

Ion Ratio Lower Upper

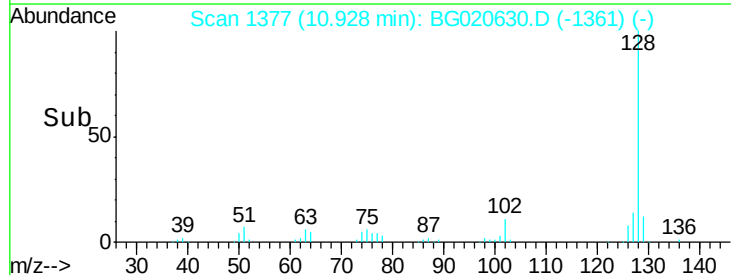
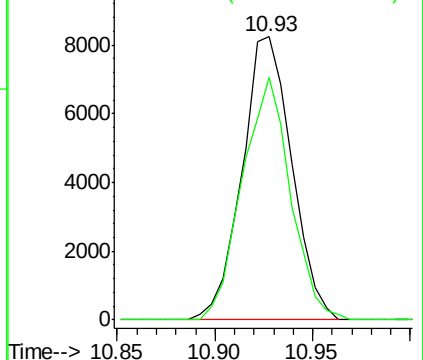
127 100

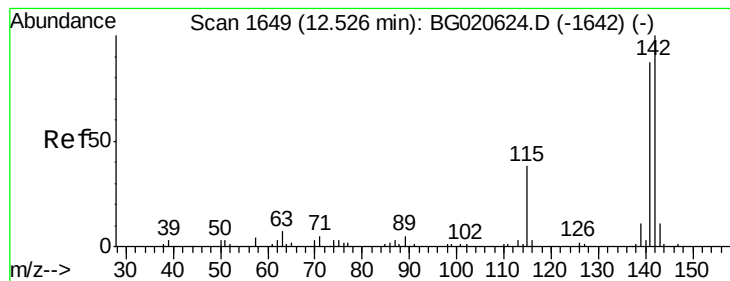
129 85.7 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 6.65 ng/ul

RT: 12.53 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG020630.D

Acq: 31 Dec 2015 5:36

Instrument :

BNA_G

ClientSampled :

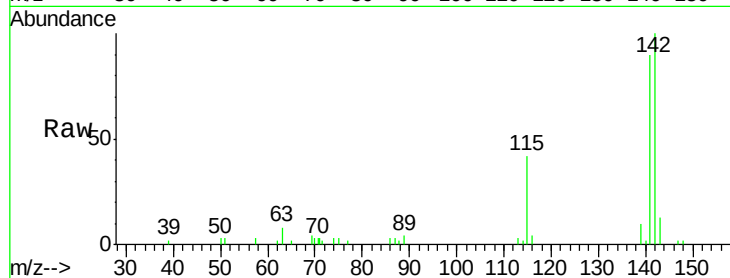
D9N57DL

Tgt Ion:142 Resp: 16945

Ion Ratio Lower Upper

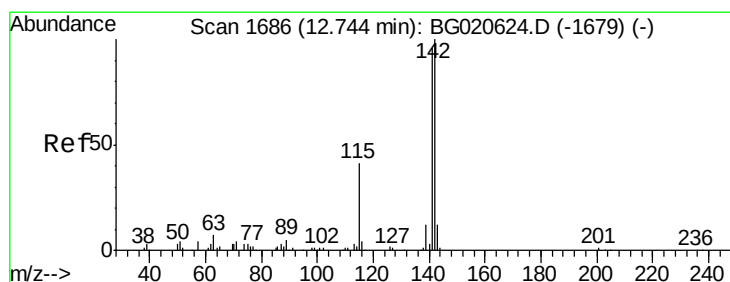
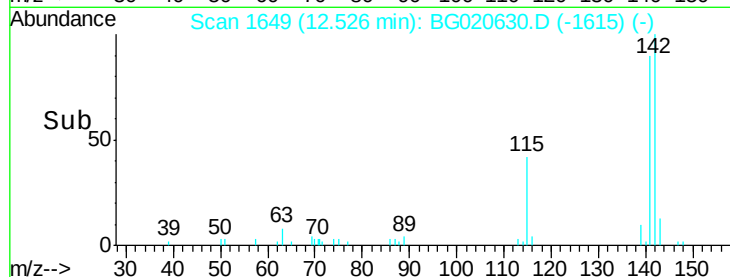
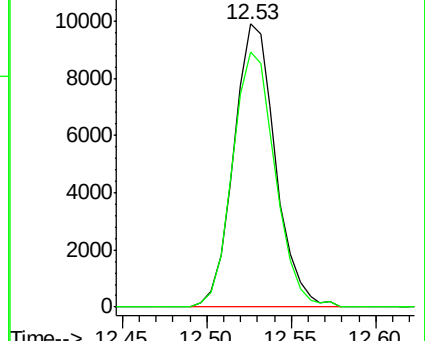
142 100

141 90.0 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: 4.17 ng/ul

RT: 12.75 min Scan# 1687

Delta R.T. 0.01 min

Lab File: BG020630.D

Acq: 31 Dec 2015 5:36

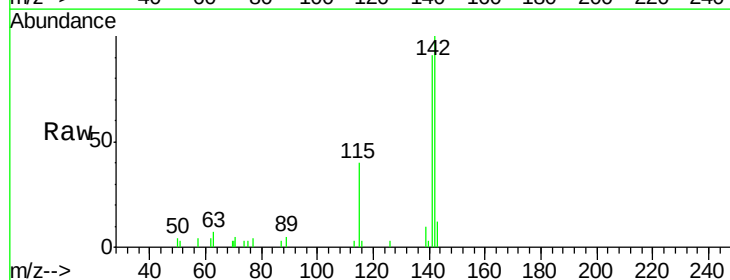
Tgt Ion:142 Resp: 10251

Ion Ratio Lower Upper

142 100

141 91.3 76.6 115.0

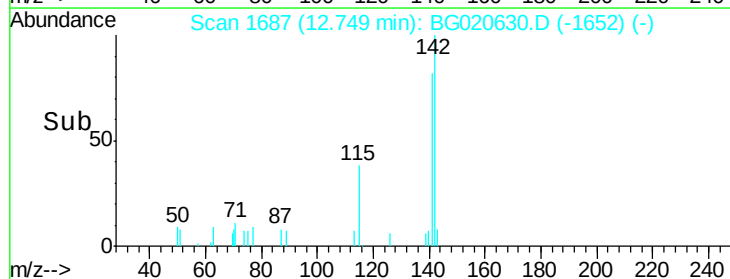
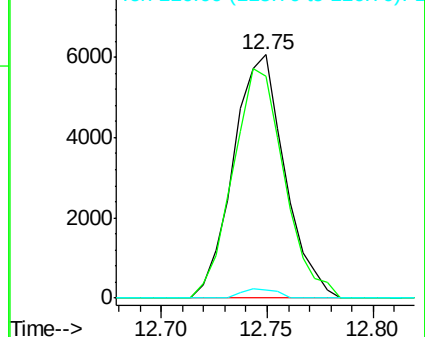
116 3.2 3.6 5.4#

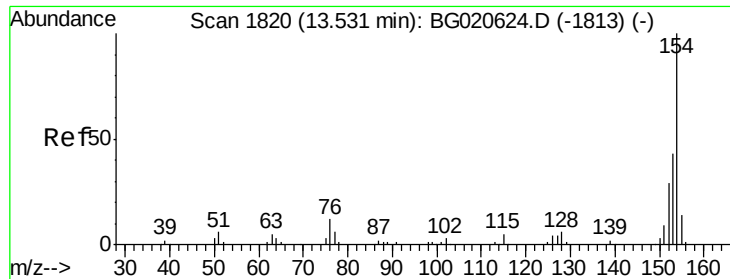


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

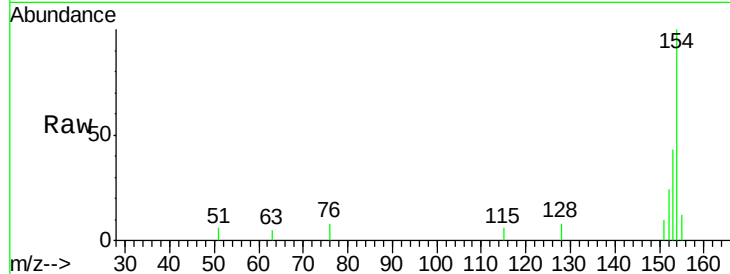




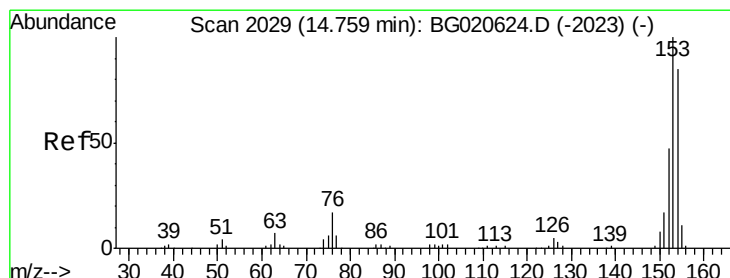
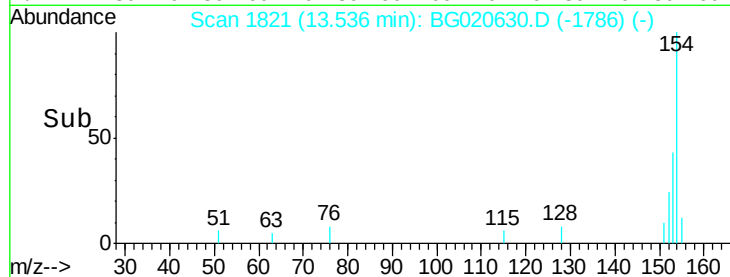
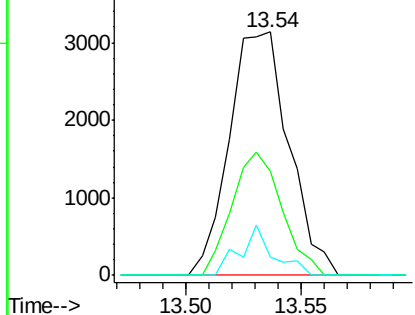
#41
 1,1'-Biphenyl
 Concen: 1.51 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.01 min
 Lab File: BG020630.D
 Acq: 31 Dec 2015 5:36

Instrument :
 BNA_G
 ClientSampleId :
 D9N57DL

Tgt Ion:154 Resp: 5640
 Ion Ratio Lower Upper
 154 100
 153 42.7 34.0 51.0
 76 7.8 8.4 12.6#

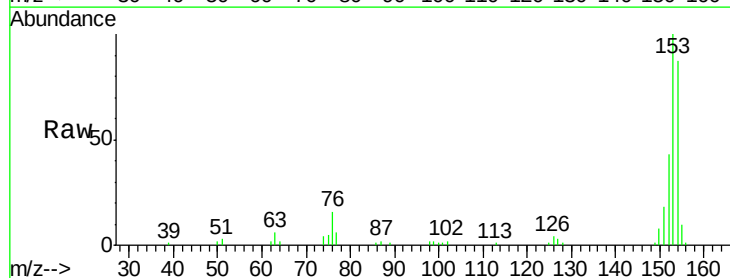


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

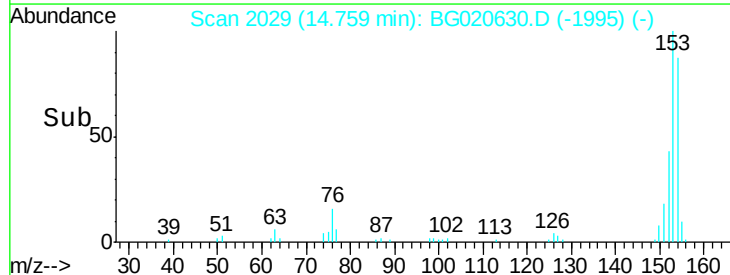
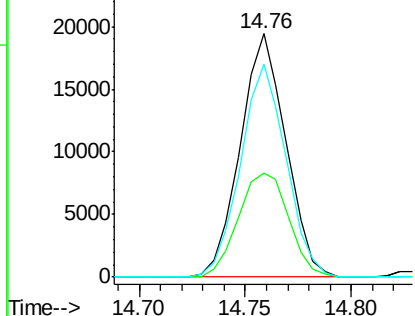


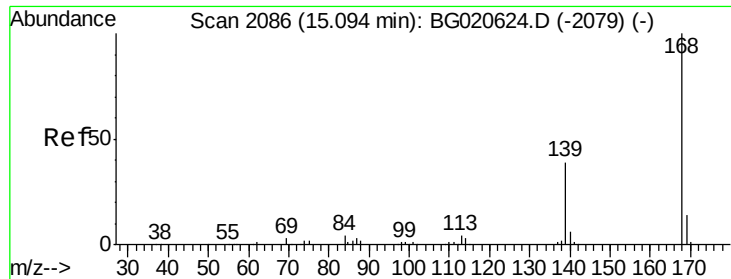
#50
 Acenaphthene
 Concen: 8.74 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG020630.D
 Acq: 31 Dec 2015 5:36

Tgt Ion:153 Resp: 29093
 Ion Ratio Lower Upper
 153 100
 152 42.9 37.9 56.9
 154 87.4 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: 4.33 ng/ul

RT: 15.09 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG020630.D

Acq: 31 Dec 2015 5:36

Instrument :

BNA_G

ClientSampleId :

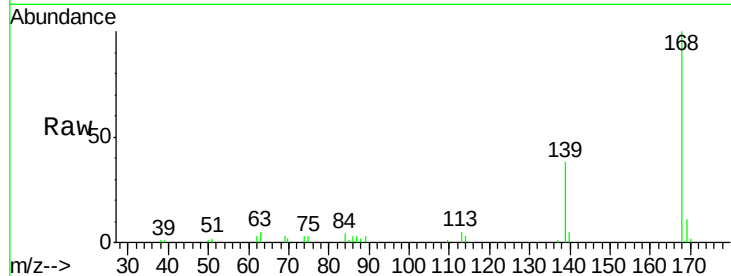
D9N57DL

Tgt Ion:168 Resp: 21801

Ion Ratio Lower Upper

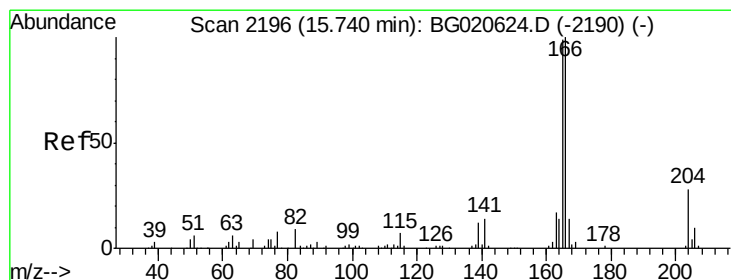
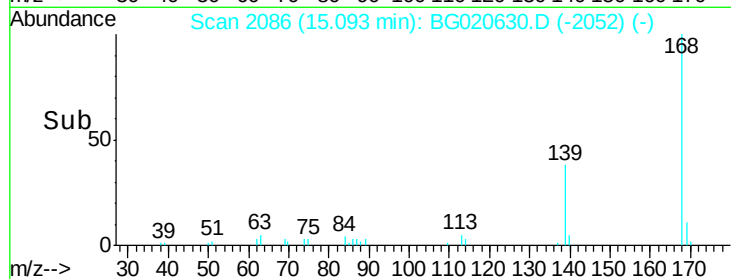
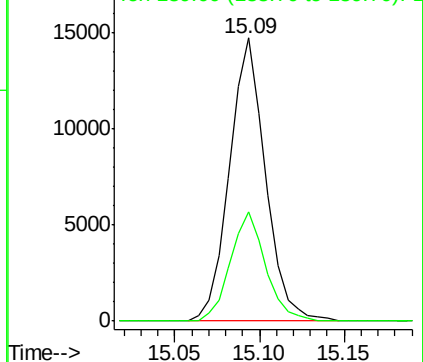
168 100

139 38.5 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: 4.45 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG020630.D

Acq: 31 Dec 2015 5:36

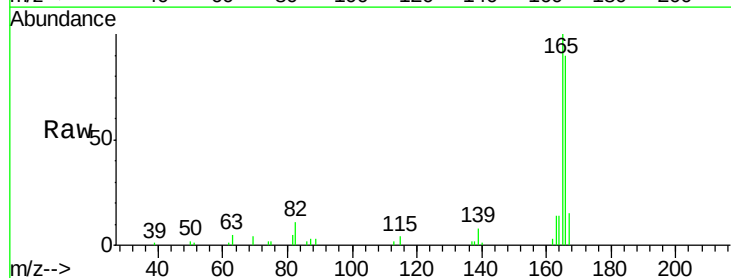
Tgt Ion:166 Resp: 18028

Ion Ratio Lower Upper

166 100

165 111.1 78.4 117.6

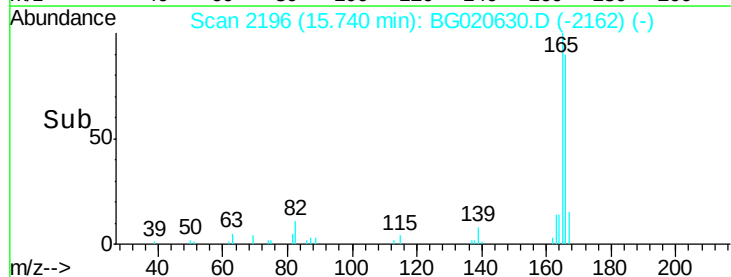
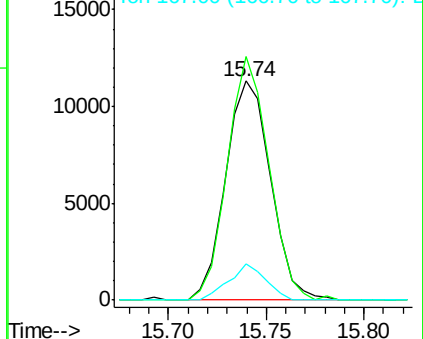
167 16.5 11.1 16.7

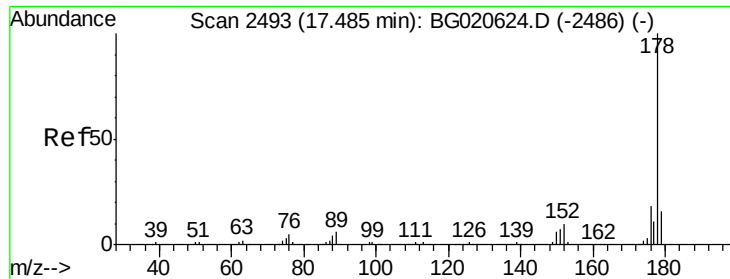


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

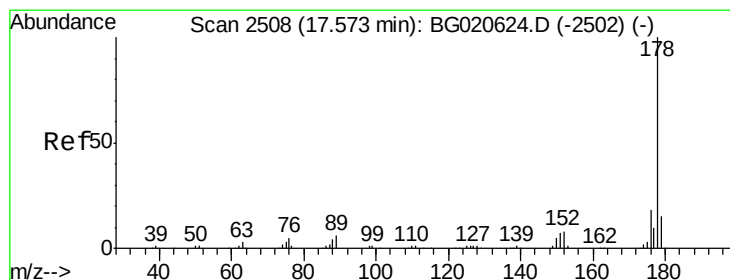
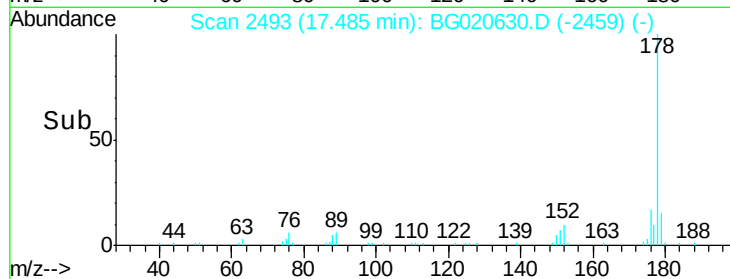
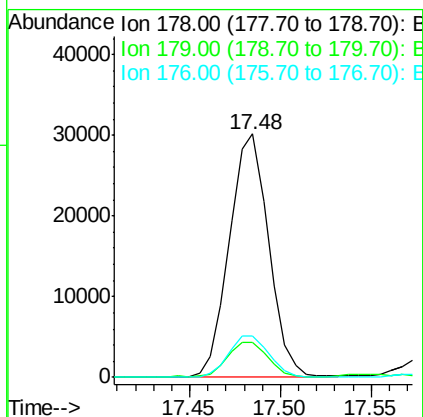
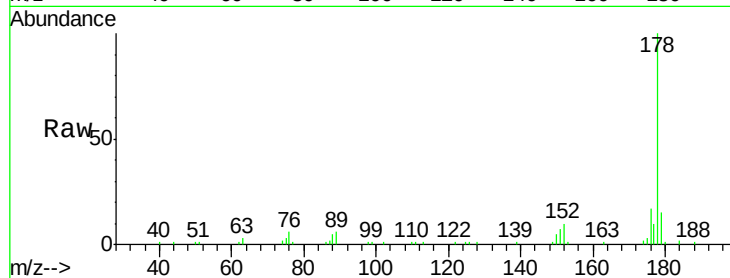




#70
 Phenanthrene
 Concen: 6.54 ng/ul
 RT: 17.48 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG020630.D
 Acq: 31 Dec 2015 5:36

Instrument :
 BNA_G
 ClientSampleId :
 D9N57DL

Tgt Ion:178 Resp: 45793
 Ion Ratio Lower Upper
 178 100
 179 14.6 12.3 18.5
 176 17.2 15.4 23.0



#72
 Anthracene
 Concen: 6.40 ng/ul
 RT: 17.48 min Scan# 2493
 Delta R.T. -0.09 min
 Lab File: BG020630.D
 Acq: 31 Dec 2015 5:36

Tgt Ion:178 Resp: 45793
 Ion Ratio Lower Upper
 178 100
 179 14.6 13.4 20.2
 176 17.2 15.4 23.0

