

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020646.D
 Acq On : 31 Dec 2015 17:55
 Operator : UM/SJ
 Sample : G4847-02DL 10X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N68DL

Quant Time: Jan 01 03:20:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 01 03:15:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	126852	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	96281	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	252886	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	309689	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	295816	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	1502	0.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	4279	2.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	4377	2.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	2767	1.35	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	3051	3.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	3348	2.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	5881	2.72	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	26875	3.41	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	31411	3.51	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	25364	3.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	2304	1.50	ng/ul	0.00
71) Anthracene-d10	17.54	188	41241	3.50	ng/ul	0.00
79) Pyrene-d10	19.82	212	49477	3.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	50203	3.40	ng/ul	-0.01

Target Compounds

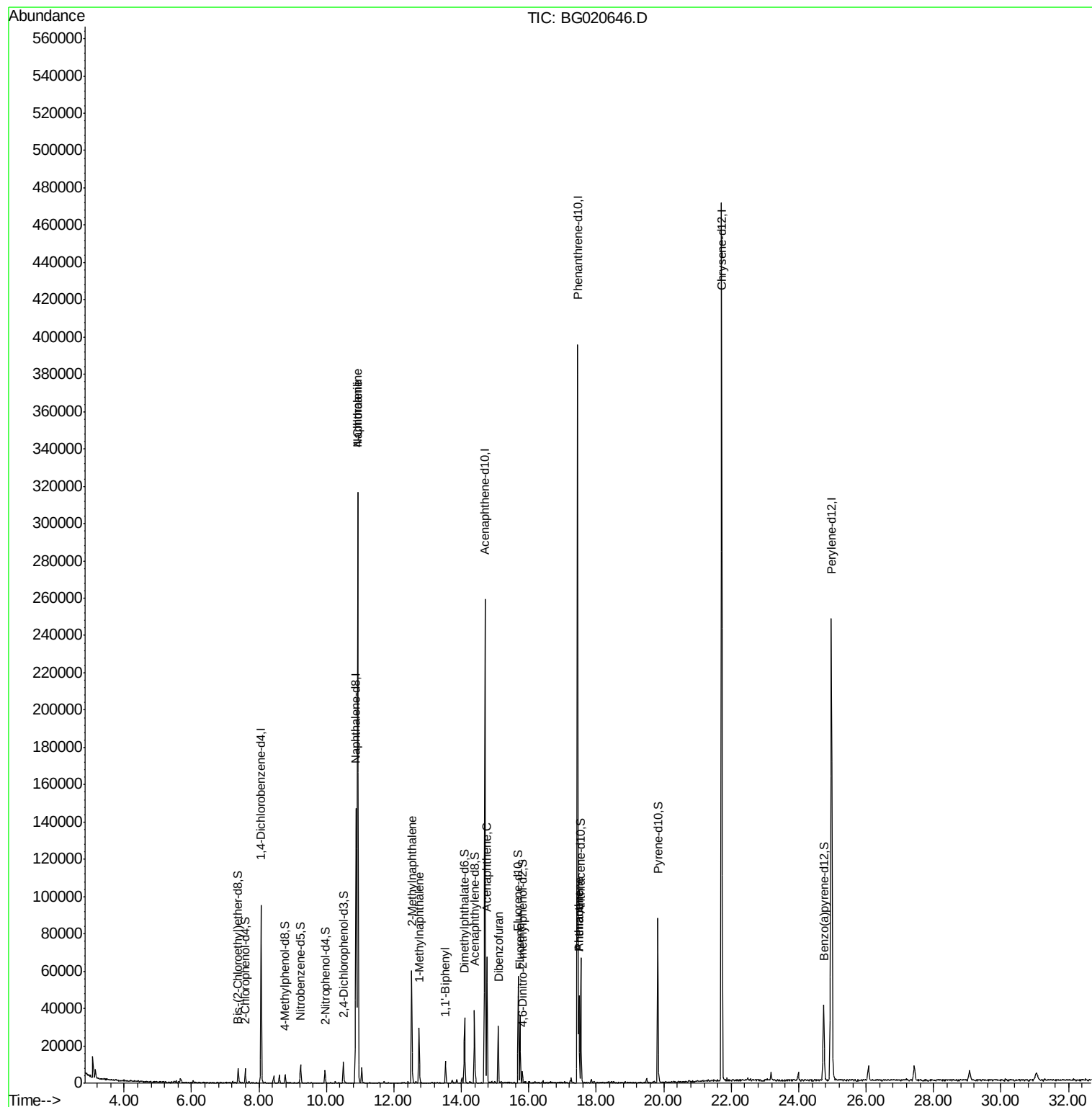
					Qvalue
28) Naphthalene	10.93	128	267032	39.75 ng/ul	99
30) 4-Chloroaniline	10.93	127	35921	13.63 ng/ul#	11
34) 2-Methylnaphthalene	12.53	142	28954	5.76 ng/ul	97
35) 1-Methylnaphthalene	12.74	142	15218	3.14 ng/ul	100
41) 1,1'-Biphenyl	13.53	154	7621	1.05 ng/ul	99
50) Acenaphthene	14.76	153	29507	4.57 ng/ul	95
54) Dibenzofuran	15.09	168	21475	2.20 ng/ul	99
59) Fluorene	15.74	166	17026	2.17 ng/ul	97
70) Phenanthrene	17.48	178	32584	2.37 ng/ul	98
72) Anthracene	17.48	178	32584	2.32 ng/ul	99

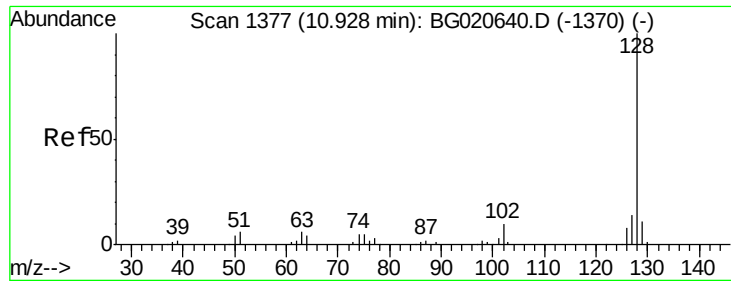
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 39.75 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG020646.D

Acq: 31 Dec 2015 17:55

Instrument :

BNA_G

ClientSampleId :

D9N68DL

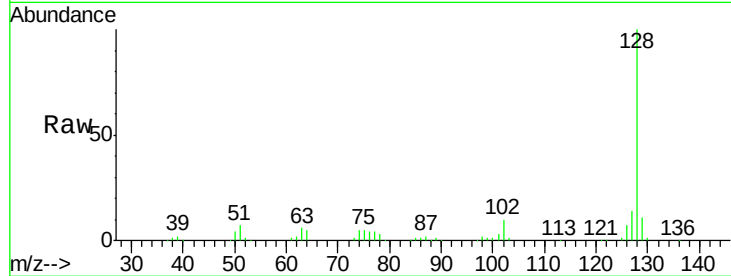
Tgt Ion:128 Resp: 267032

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

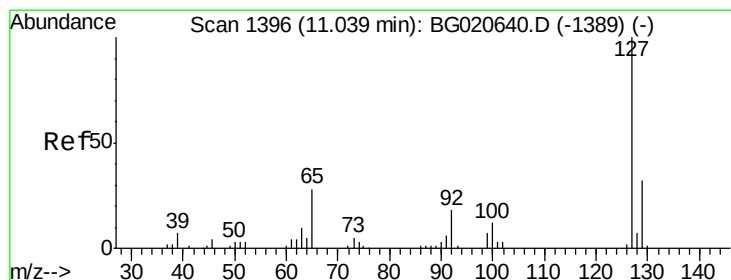
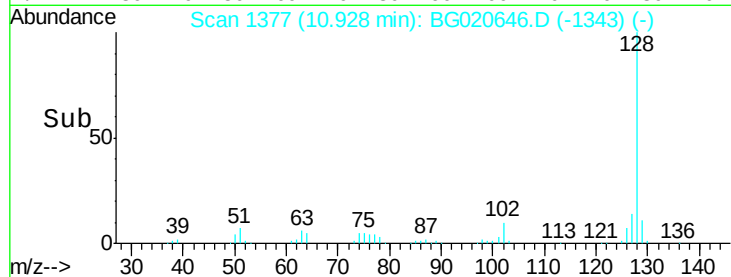
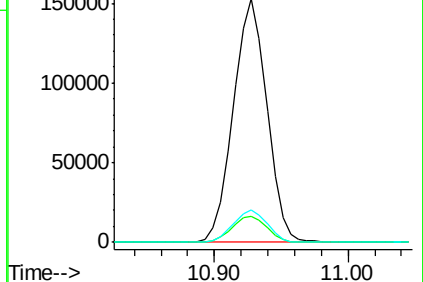
127 13.6 10.8 16.2



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: 13.63 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.11 min

Lab File: BG020646.D

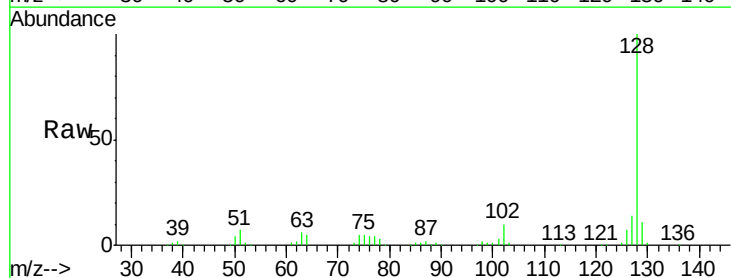
Acq: 31 Dec 2015 17:55

Tgt Ion:127 Resp: 35921

Ion Ratio Lower Upper

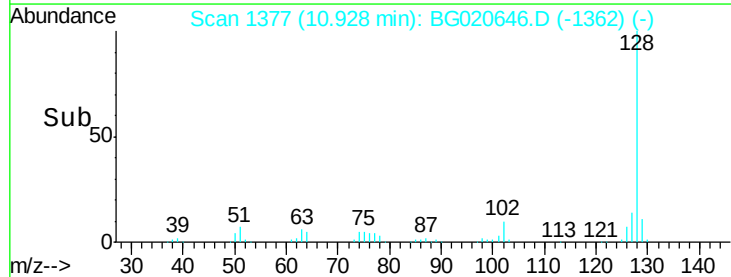
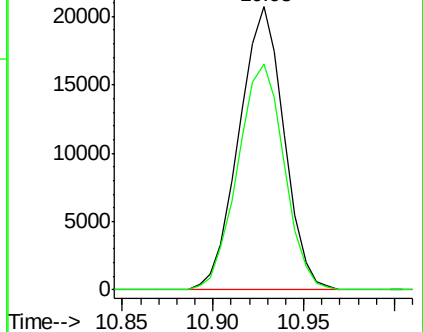
127 100

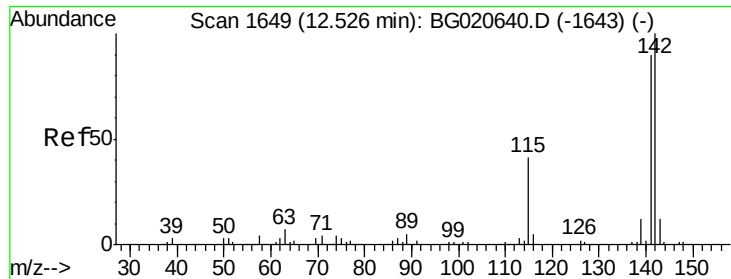
129 79.6 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

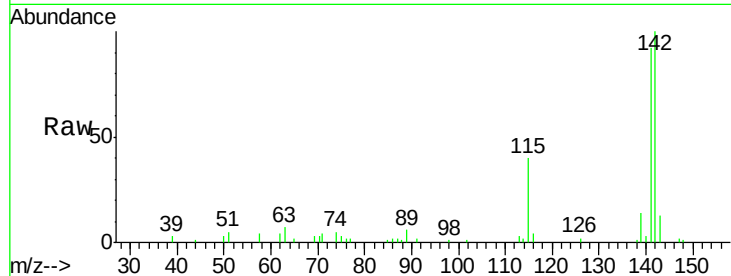




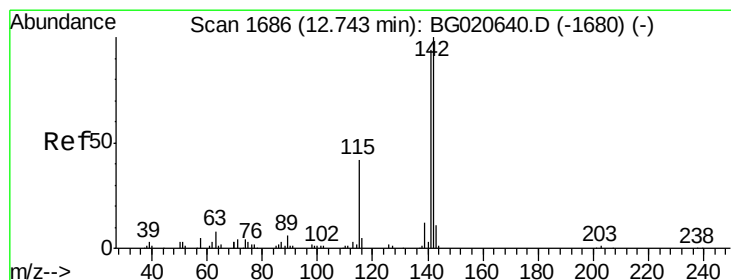
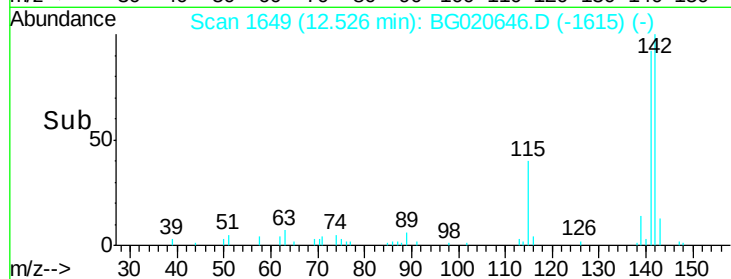
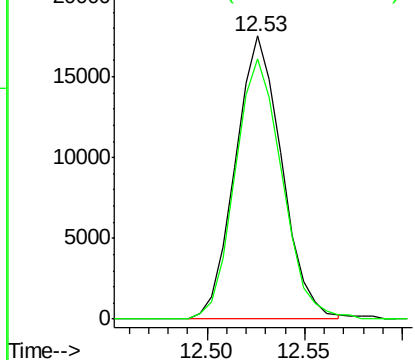
#34
 2-Methylnaphthalene
 Concen: 5.76 ng/ul
 RT: 12.53 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BG020646.D
 Acq: 31 Dec 2015 17:55

Instrument :
 BNA_G
 ClientSampleId :
 D9N68DL

Tgt Ion:142 Resp: 28954
 Ion Ratio Lower Upper
 142 100
 141 92.1 71.4 107.2

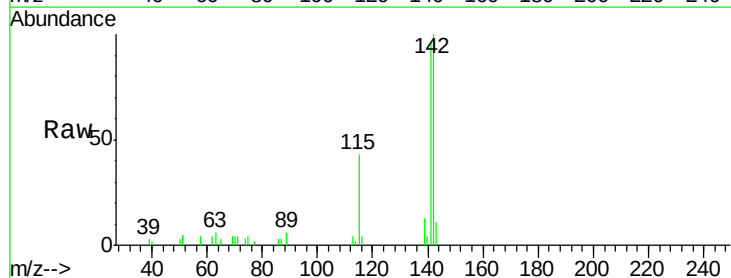


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

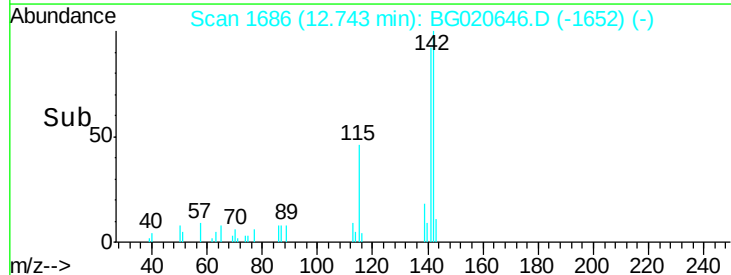
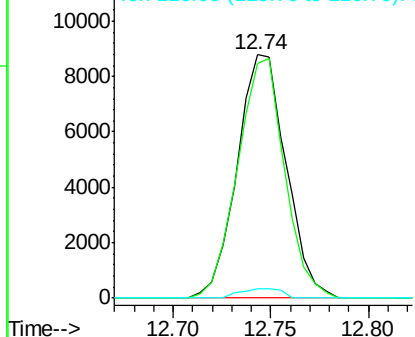


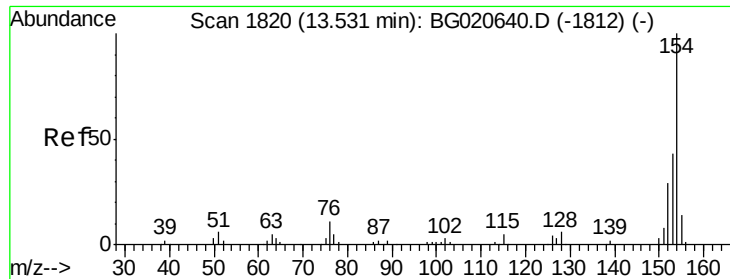
#35
 1-Methylnaphthalene
 Concen: 3.14 ng/ul
 RT: 12.74 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG020646.D
 Acq: 31 Dec 2015 17:55

Tgt Ion:142 Resp: 15218
 Ion Ratio Lower Upper
 142 100
 141 96.2 76.6 115.0
 116 4.0 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

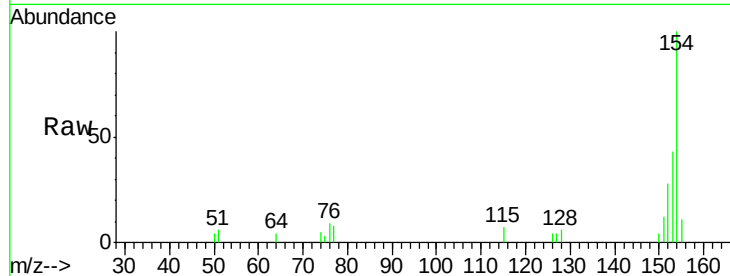




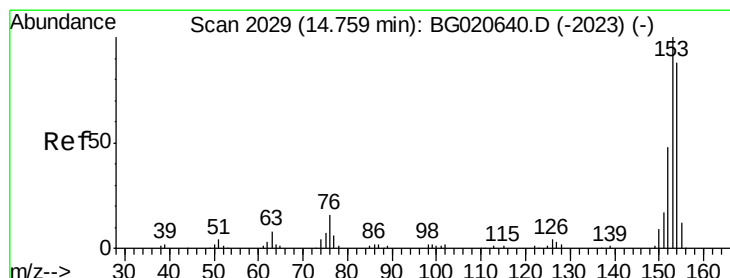
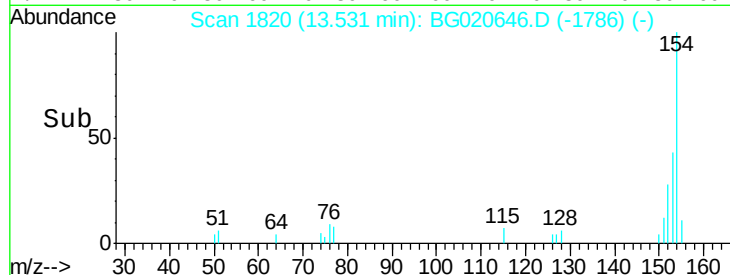
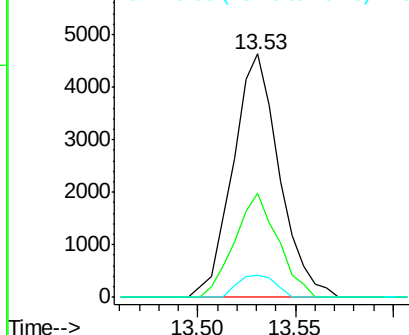
#41
 1,1'-Biphenyl
 Concen: 1.05 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG020646.D
 Acq: 31 Dec 2015 17:55

Instrument :
 BNA_G
 ClientSampleId :
 D9N68DL

Tgt Ion:154 Resp: 7621
 Ion Ratio Lower Upper
 154 100
 153 42.7 34.0 51.0
 76 9.0 8.4 12.6

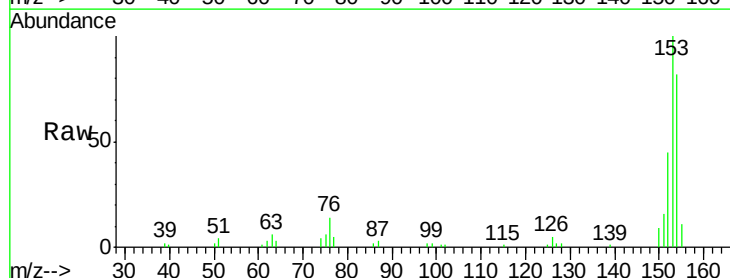


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

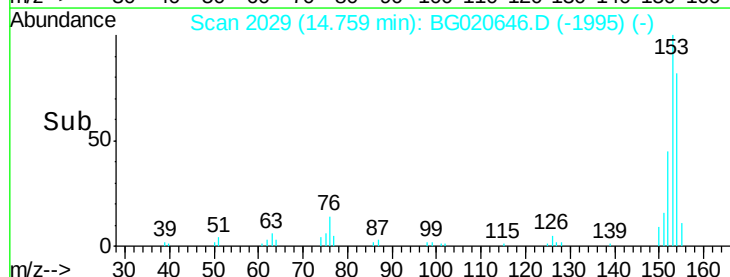
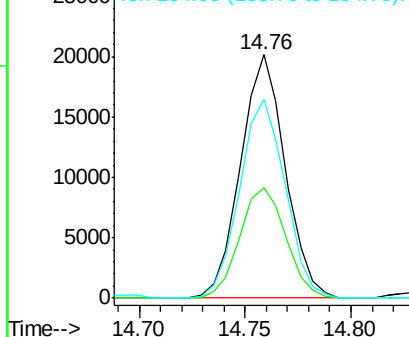


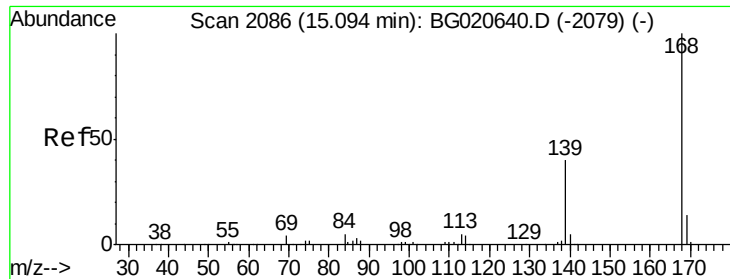
#50
 Acenaphthene
 Concen: 4.57 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG020646.D
 Acq: 31 Dec 2015 17:55

Tgt Ion:153 Resp: 29507
 Ion Ratio Lower Upper
 153 100
 152 45.4 37.9 56.9
 154 81.5 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: 2.20 ng/ul

RT: 15.09 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG020646.D

Acq: 31 Dec 2015 17:55

Instrument :

BNA_G

ClientSampleId :

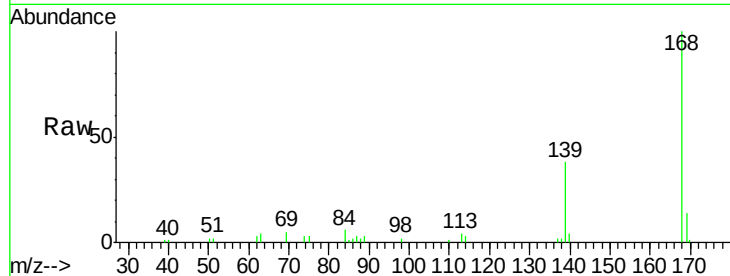
D9N68DL

Tgt Ion:168 Resp: 21475

Ion Ratio Lower Upper

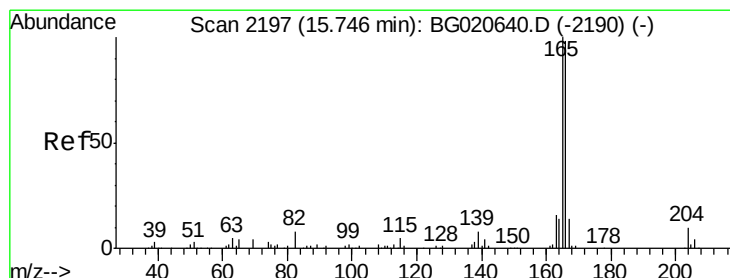
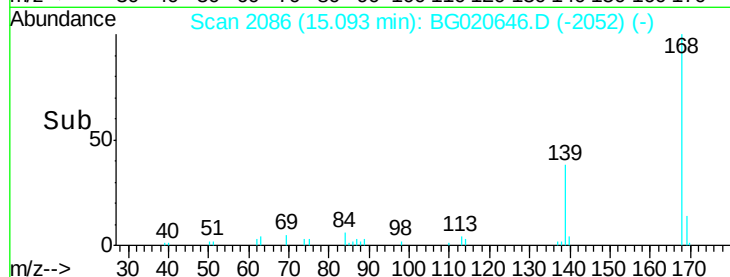
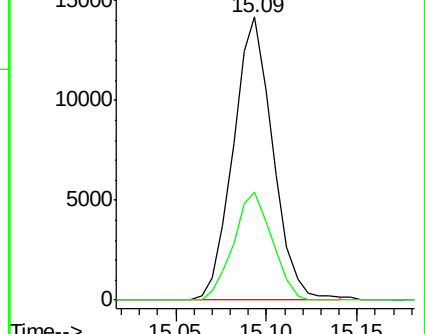
168 100

139 38.3 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: 2.17 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG020646.D

Acq: 31 Dec 2015 17:55

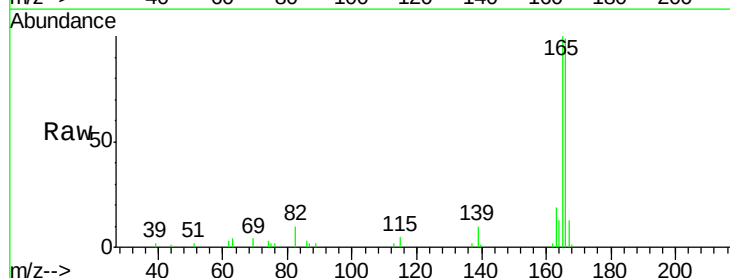
Tgt Ion:166 Resp: 17026

Ion Ratio Lower Upper

166 100

165 101.4 78.4 117.6

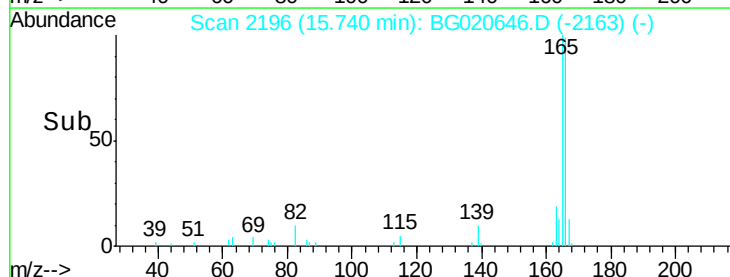
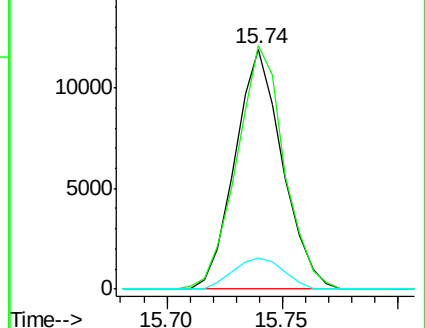
167 12.9 11.1 16.7

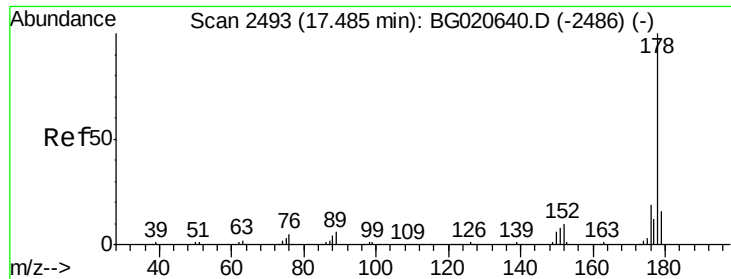


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

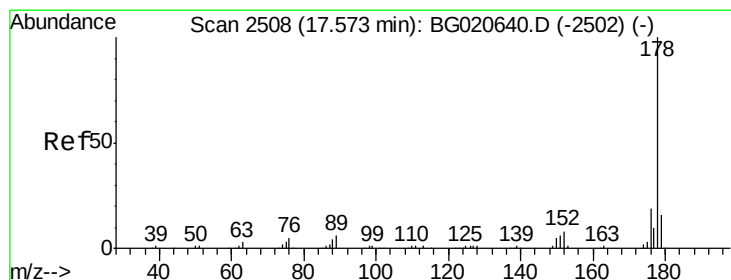
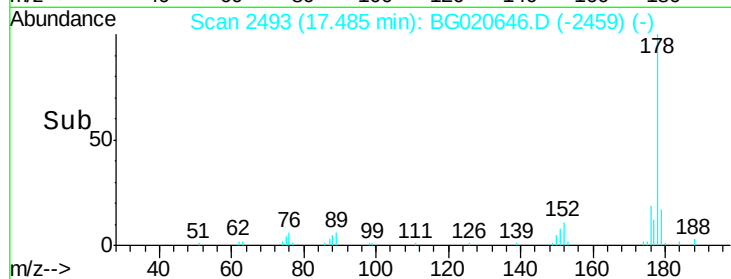
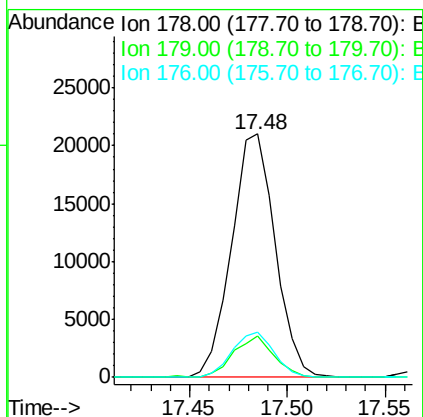
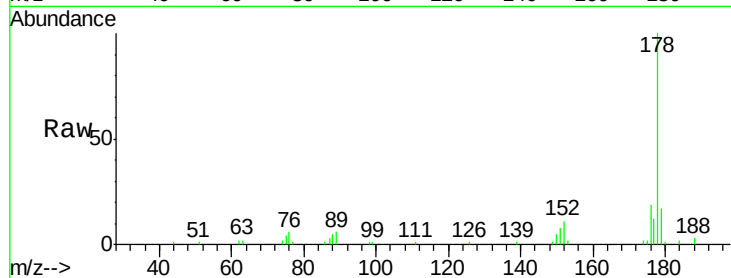




#70
Phenanthrene
Concen: 2.37 ng/ul
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG020646.D
Acq: 31 Dec 2015 17:55

Instrument :
BNA_G
ClientSampleId :
D9N68DL

Tgt Ion:178 Resp: 32584
Ion Ratio Lower Upper
178 100
179 17.0 12.3 18.5
176 18.7 15.4 23.0



#72
Anthracene
Concen: 2.32 ng/ul
RT: 17.48 min Scan# 2493
Delta R.T. -0.09 min
Lab File: BG020646.D
Acq: 31 Dec 2015 17:55

Tgt Ion:178 Resp: 32584
Ion Ratio Lower Upper
178 100
179 17.0 13.4 20.2
176 18.7 15.4 23.0

