

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020642.D
 Acq On : 31 Dec 2015 15:17
 Operator : UM/SJ
 Sample : G4846-17DL 50X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N63DL

Quant Time: Jan 01 03:19:12 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	18693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	87035	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	67775	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	182109	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	219030	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	209291	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	7.22	99	64	0.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	1050	1.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	1020	0.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	216	0.16	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	559	0.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	699	0.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	1278	0.86	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	8000	1.44	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	9487	1.51	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	8438	1.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	317	0.29	ng/ul	0.00
71) Anthracene-d10	17.44	188	182109	21.46	ng/ul	-0.10
79) Pyrene-d10	19.82	212	15582	1.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	15889	1.52	ng/ul	-0.01

Target Compounds

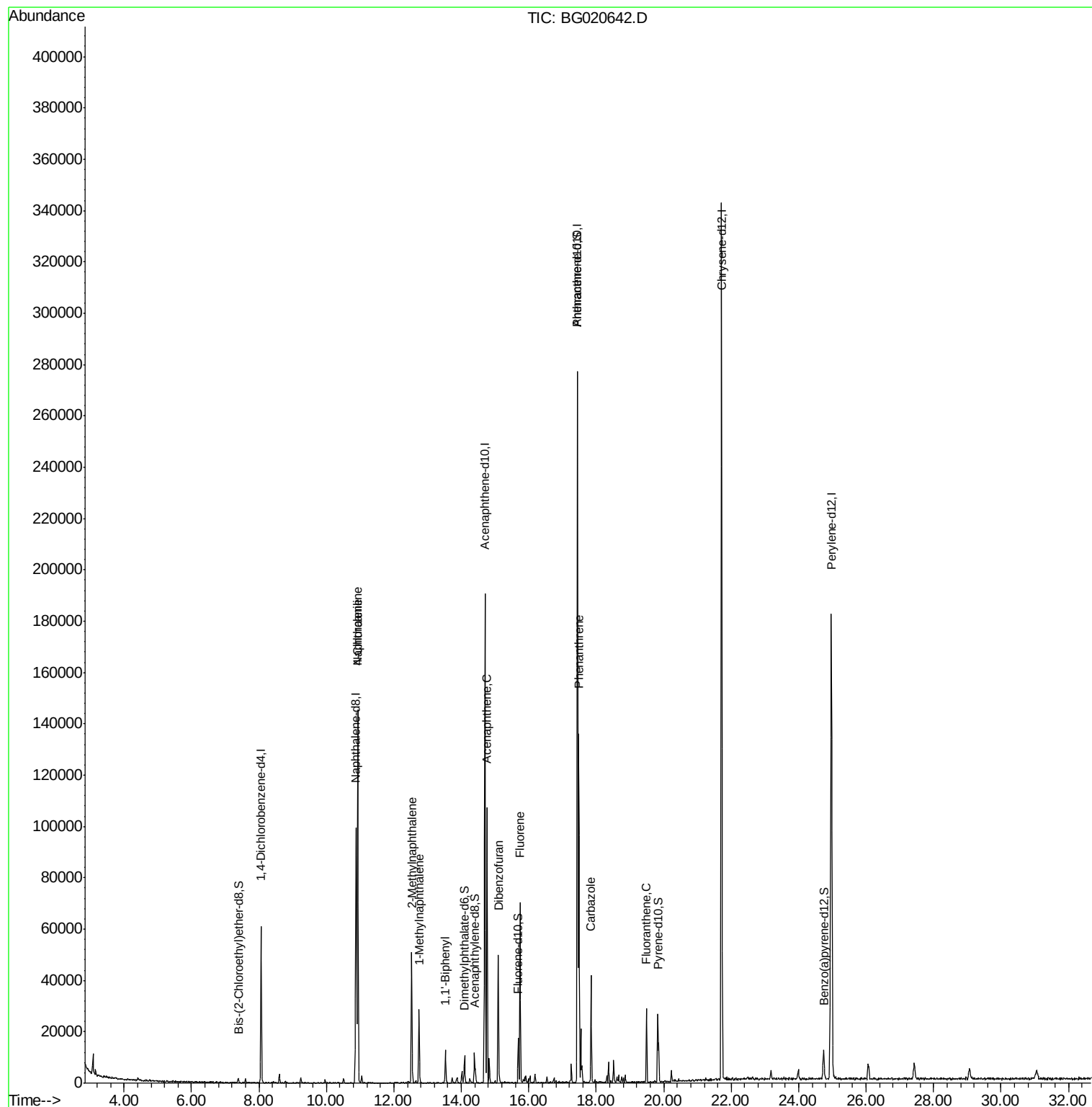
						Qvalue
28) Naphthalene	10.93	128	127993	27.77	ng/ul	99
30) 4-Chloroaniline	10.92	127	16852	9.32	ng/ul#	15
34) 2-Methylnaphthalene	12.53	142	24200	7.02	ng/ul	97
35) 1-Methylnaphthalene	12.74	142	14006	4.21	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	8207	1.61	ng/ul	99
50) Acenaphthene	14.76	153	46550	10.25	ng/ul	97
54) Dibenzofuran	15.09	168	36564	5.33	ng/ul	98
59) Fluorene	15.74	166	33635	6.09	ng/ul	99
70) Phenanthrene	17.49	178	94265	9.52	ng/ul	99
75) Carbazole	17.84	167	31417	3.68	ng/ul	98
77) Fluoranthene	19.49	202	20066	1.66	ng/ul	98

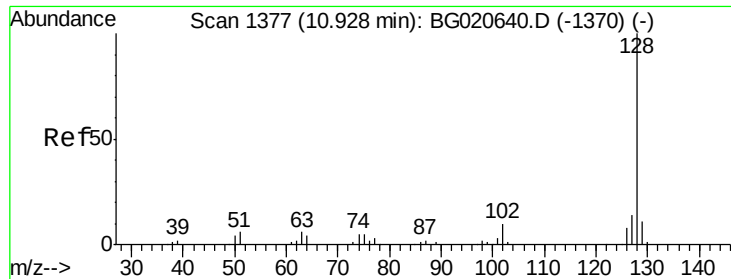
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020642.D
Acq On : 31 Dec 2015 15:17
Operator : UM/SJ
Sample : G4846-17DL 50X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N63DL

Quant Time: Jan 01 03:19:12 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

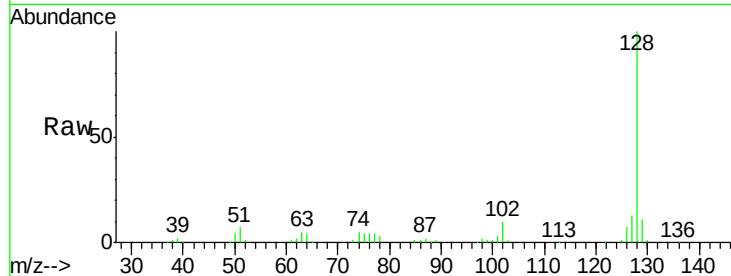




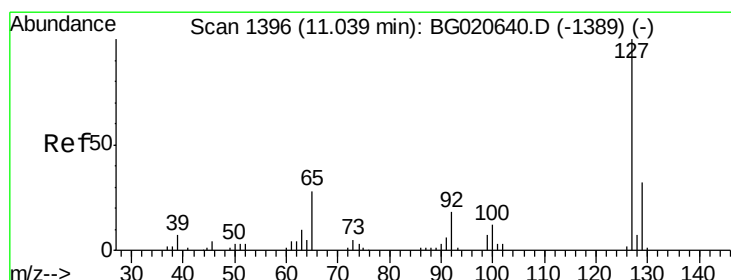
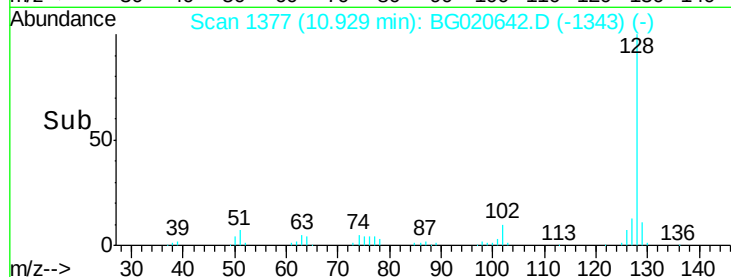
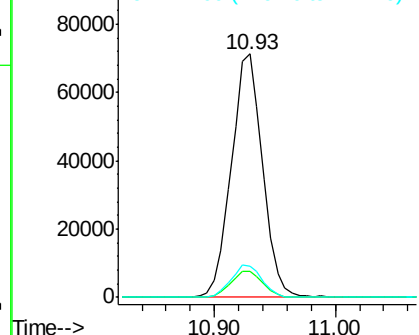
#28
Naphthalene
Concen: 27.77 ng/ul
RT: 10.93 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG020642.D
Acq: 31 Dec 2015 15:17

Instrument :
BNA_G
ClientSampleId :
D9N63DL

Tgt Ion:128 Resp: 127993
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 12.9 10.8 16.2

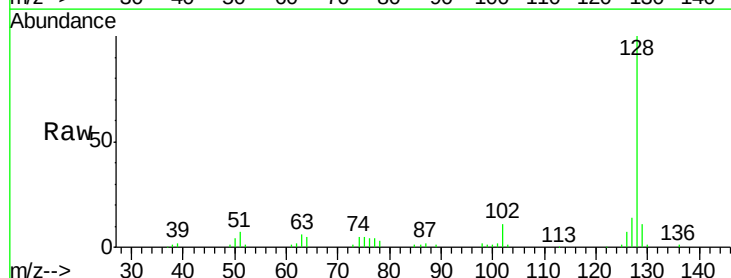


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

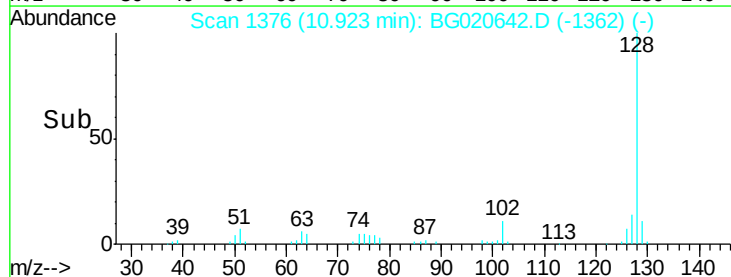
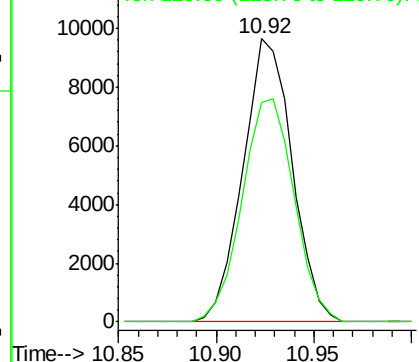


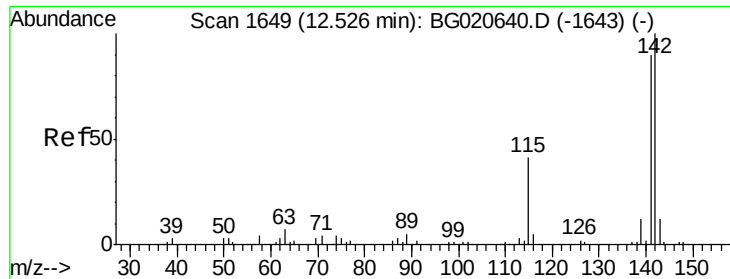
#30
4-Chloroaniline
Concen: 9.32 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. -0.12 min
Lab File: BG020642.D
Acq: 31 Dec 2015 15:17

Tgt Ion:127 Resp: 16852
Ion Ratio Lower Upper
127 100
129 77.3 24.6 37.0#



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

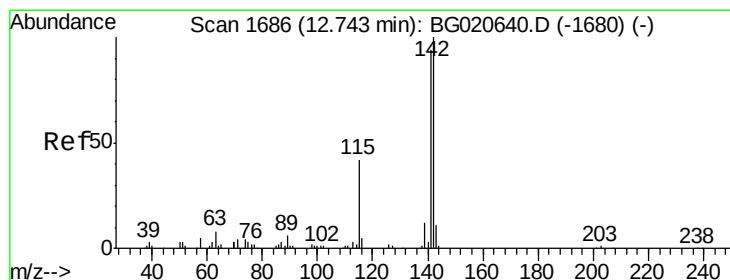
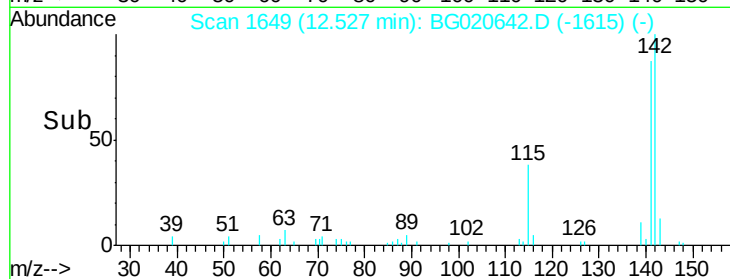
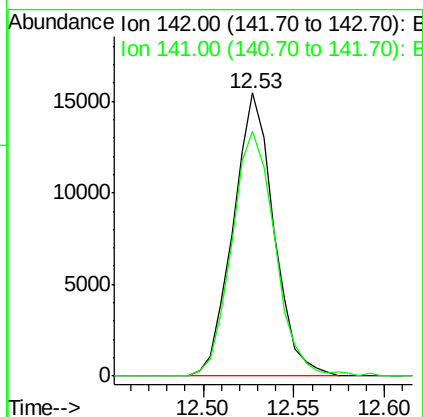
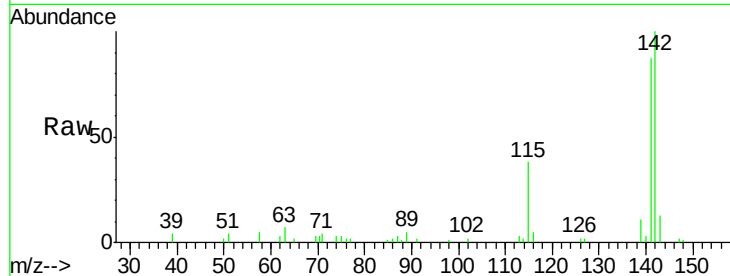




#34
 2-Methylnaphthalene
 Concen: 7.02 ng/ul
 RT: 12.53 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BG020642.D
 Acq: 31 Dec 2015 15:17

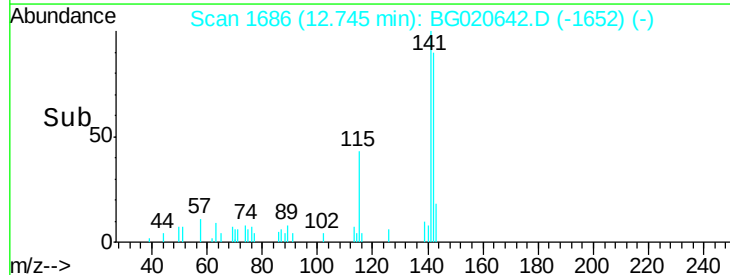
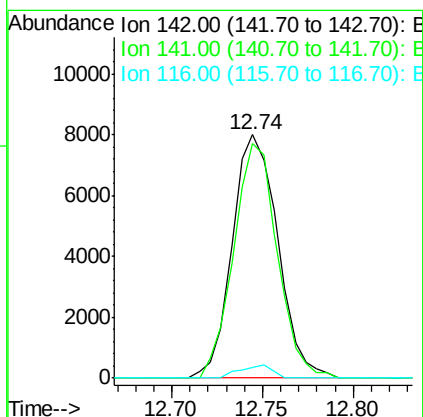
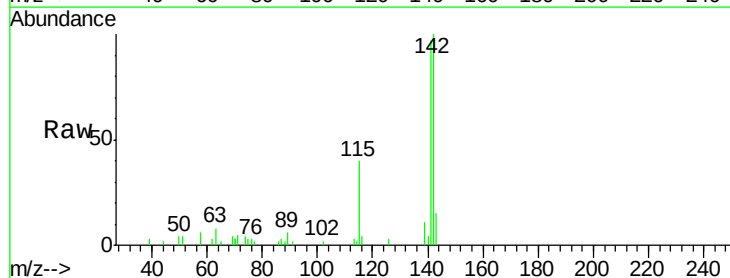
Instrument :
 BNA_G
 ClientSampleId :
 D9N63DL

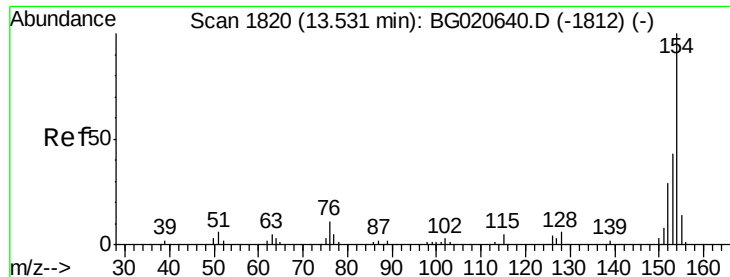
Tgt Ion:142 Resp: 24200
 Ion Ratio Lower Upper
 142 100
 141 86.7 71.4 107.2



#35
 1-Methylnaphthalene
 Concen: 4.21 ng/ul
 RT: 12.74 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG020642.D
 Acq: 31 Dec 2015 15:17

Tgt Ion:142 Resp: 14006
 Ion Ratio Lower Upper
 142 100
 141 96.6 76.6 115.0
 116 4.5 3.6 5.4

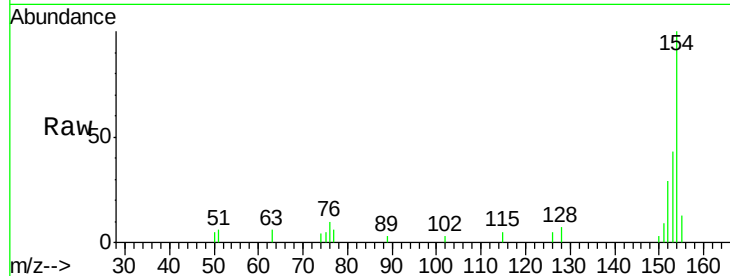




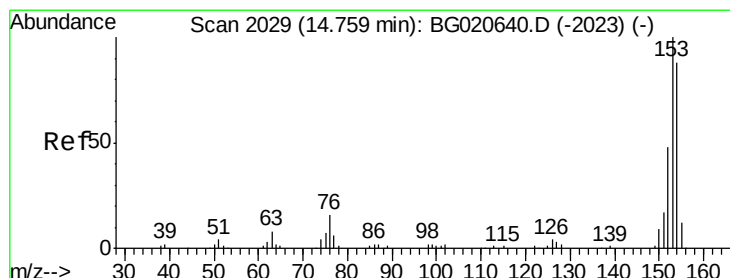
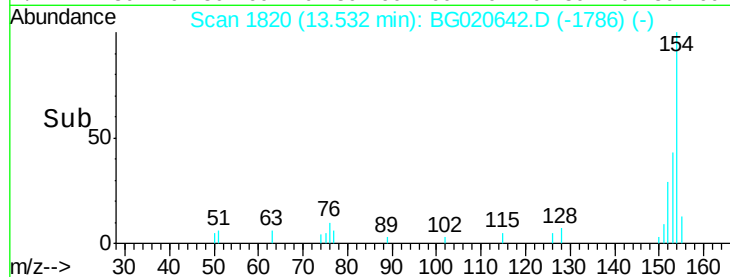
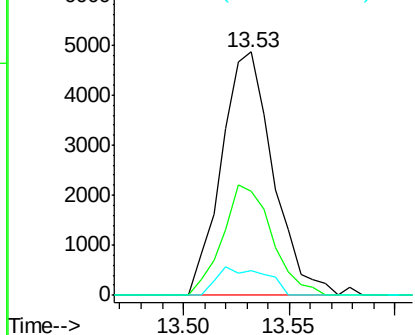
#41
 1,1'-Biphenyl
 Concen: 1.61 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG020642.D
 Acq: 31 Dec 2015 15:17

Instrument :
 BNA_G
 ClientSampleId :
 D9N63DL

Tgt Ion:154 Resp: 8207
 Ion Ratio Lower Upper
 154 100
 153 42.8 34.0 51.0
 76 10.2 8.4 12.6

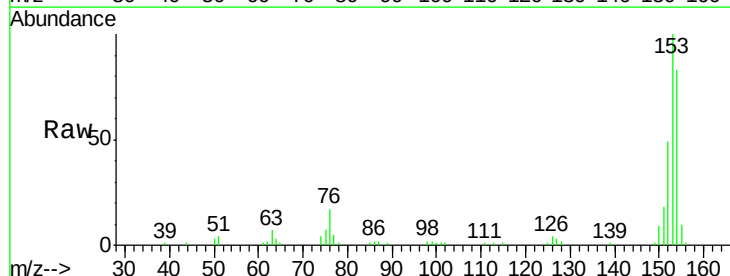


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

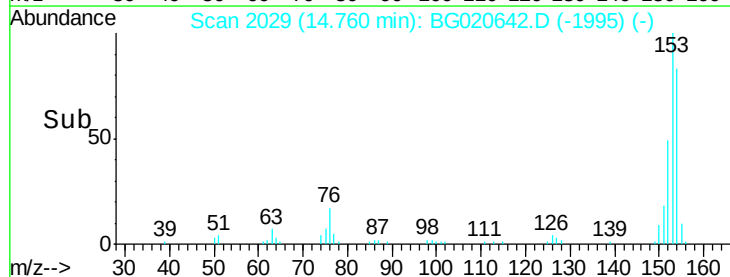
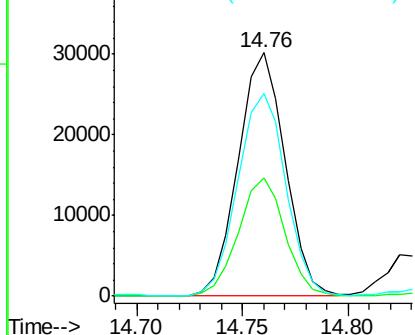


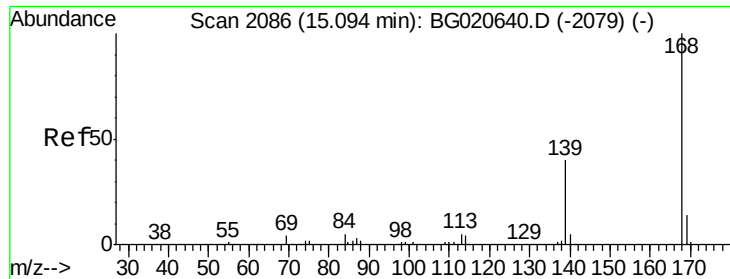
#50
 Acenaphthene
 Concen: 10.25 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG020642.D
 Acq: 31 Dec 2015 15:17

Tgt Ion:153 Resp: 46550
 Ion Ratio Lower Upper
 153 100
 152 48.6 37.9 56.9
 154 83.3 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: 5.33 ng/ul

RT: 15.09 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG020642.D

Acq: 31 Dec 2015 15:17

Instrument :

BNA_G

ClientSampleId :

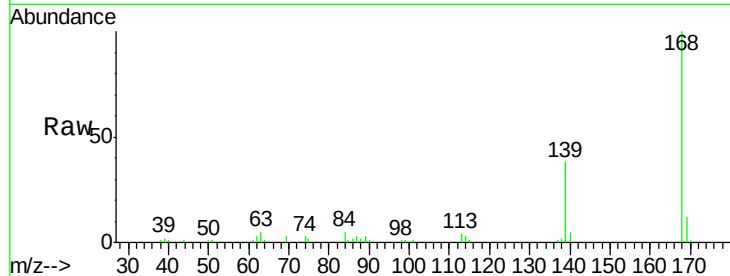
D9N63DL

Tgt Ion:168 Resp: 36564

Ion Ratio Lower Upper

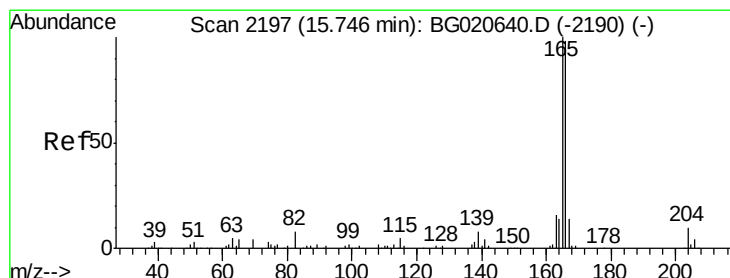
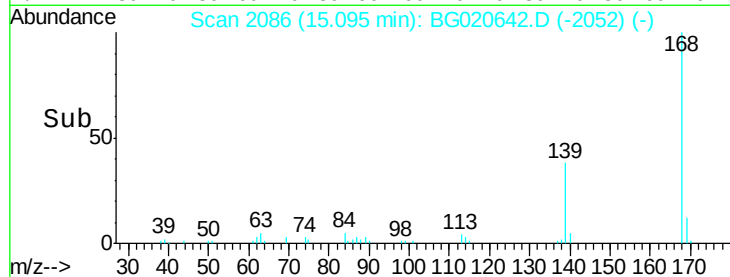
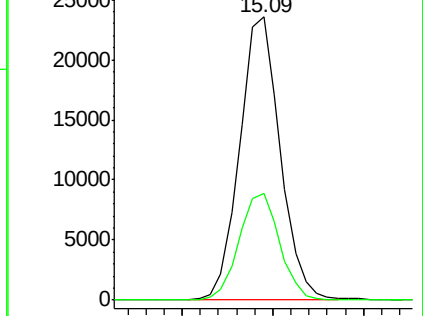
168 100

139 37.8 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: 6.09 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG020642.D

Acq: 31 Dec 2015 15:17

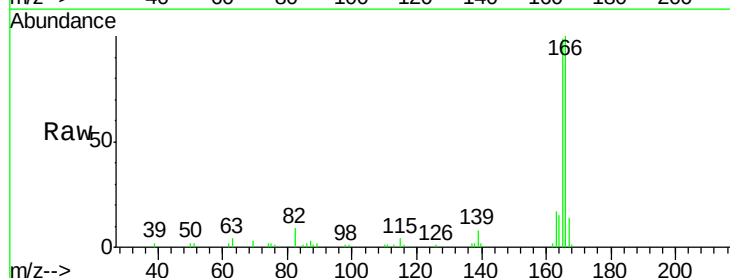
Tgt Ion:166 Resp: 33635

Ion Ratio Lower Upper

166 100

165 99.2 78.4 117.6

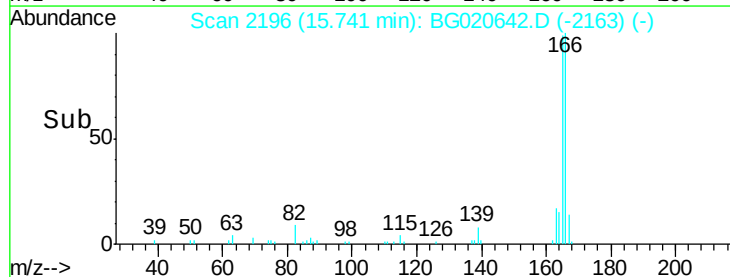
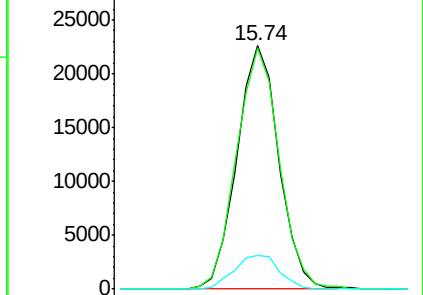
167 14.0 11.1 16.7

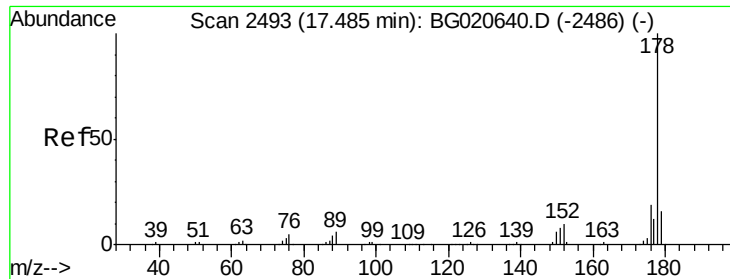


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 9.52 ng/ul

RT: 17.49 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG020642.D

Acq: 31 Dec 2015 15:17

Instrument :

BNA_G

ClientSampleId :

D9N63DL

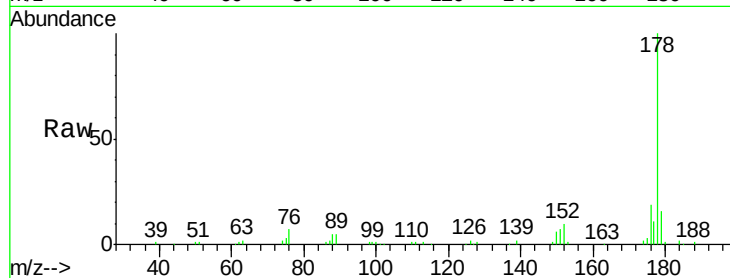
Tgt Ion:178 Resp: 94265

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

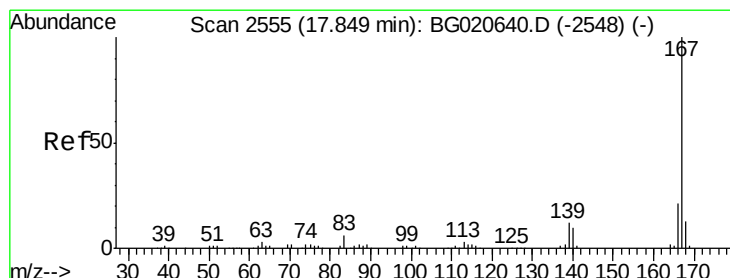
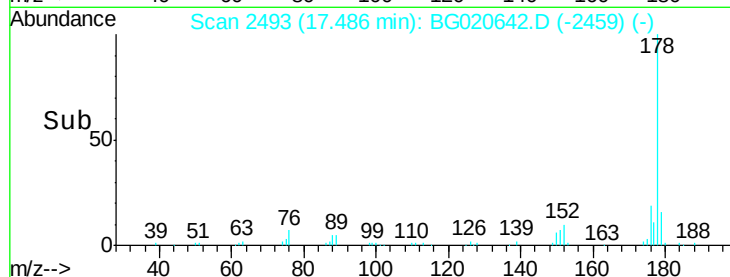
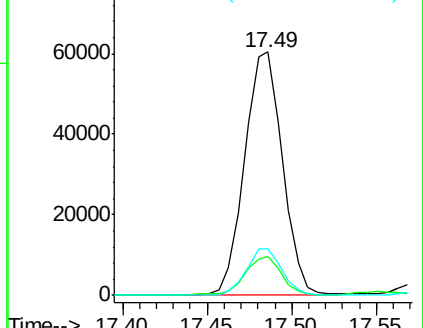
176 19.1 15.4 23.0



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: 3.68 ng/ul

RT: 17.84 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BG020642.D

Acq: 31 Dec 2015 15:17

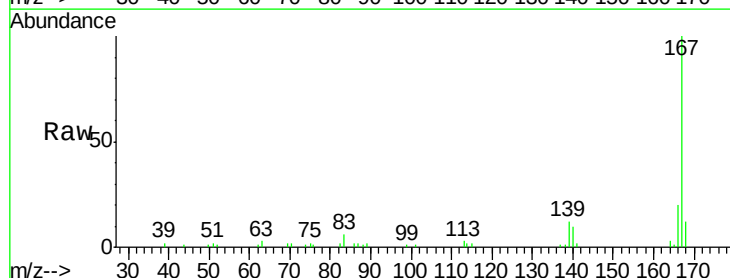
Tgt Ion:167 Resp: 31417

Ion Ratio Lower Upper

167 100

166 20.0 17.0 25.4

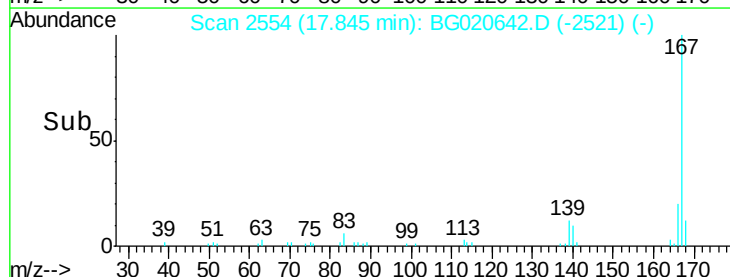
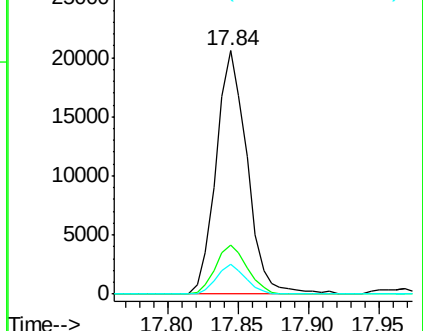
139 12.0 9.1 13.7

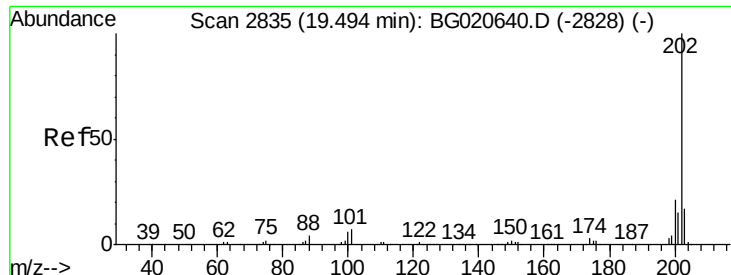


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

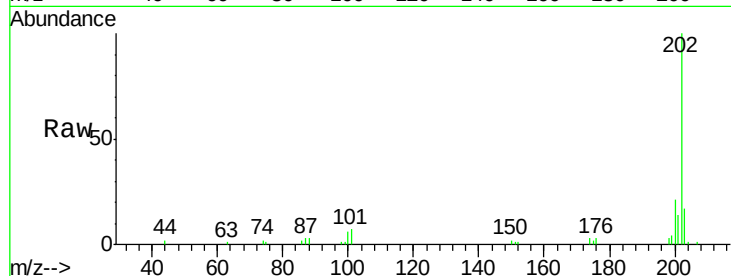




#77
 Fluoranthene
 Concen: 1.66 ng/ul
 RT: 19.49 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BG020642.D
 Acq: 31 Dec 2015 15:17

Instrument :
 BNA_G
 ClientSampleId :
 D9N63DL

Tgt Ion:	202	Resp:	20066
Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.1	9.1
100	6.2	4.6	7.0



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

