

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020647.D
 Acq On : 31 Dec 2015 18:34
 Operator : UM/SJ
 Sample : G4847-06DL 100X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N70DL

Quant Time: Jan 01 04:27:31 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	19823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	89138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	67603	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	174366	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	209419	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	197998	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	0d	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	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
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	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	2487	0.45	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	2994	0.48	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	2719	0.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	4710	0.58	ng/ul	0.00
79) Pyrene-d10	19.82	212	4324	0.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	4588	0.46	ng/ul	-0.02

Target Compounds

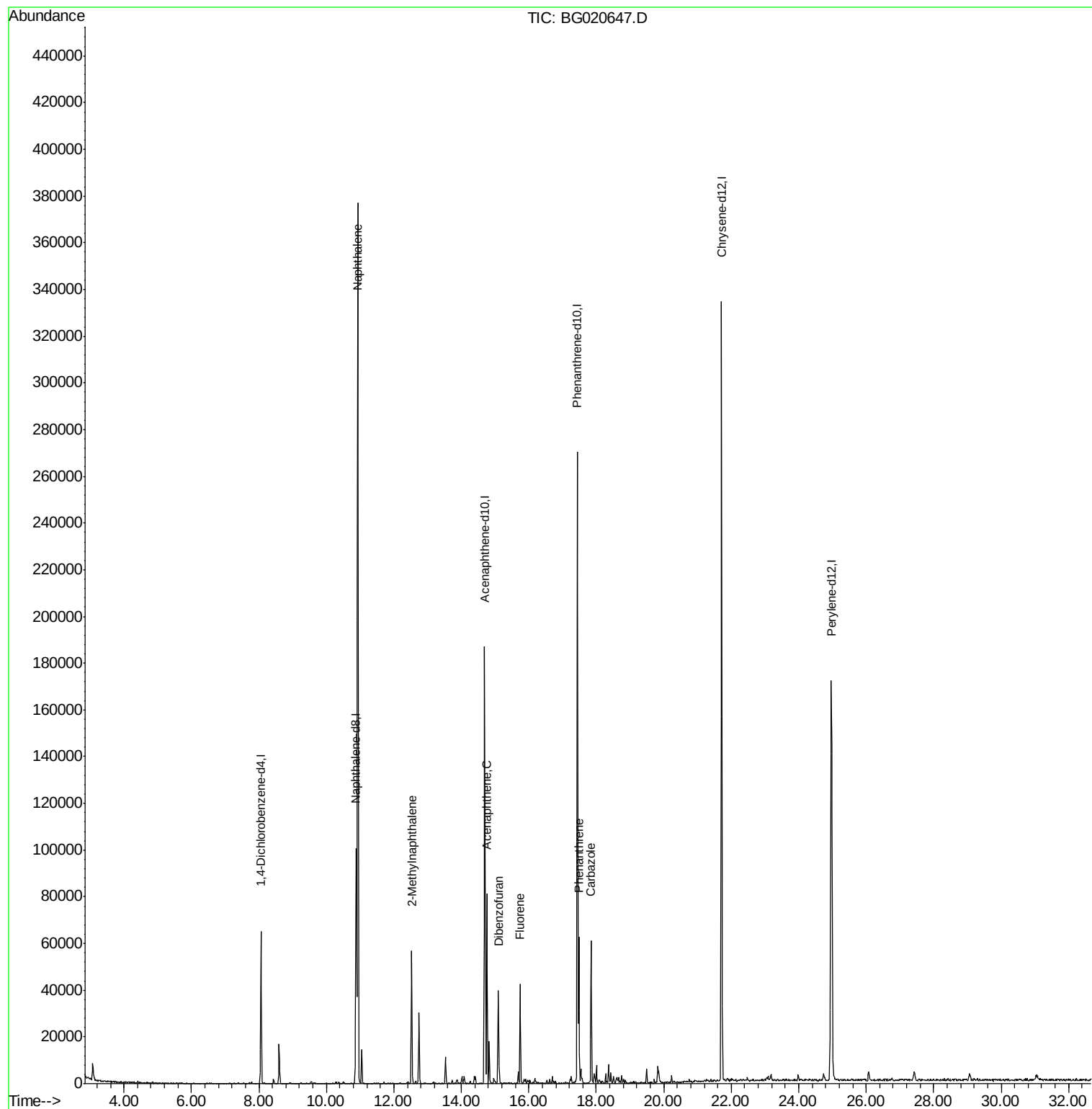
						Qvalue
28) Naphthalene	10.93	128	322008	68.21	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	28038	7.94	ng/ul	99
50) Acenaphthene	14.76	153	36180	7.99	ng/ul	98
54) Dibenzofuran	15.09	168	28452	4.16	ng/ul	98
59) Fluorene	15.74	166	21111	3.83	ng/ul	97
70) Phenanthrene	17.48	178	40937	4.32	ng/ul	99
75) Carbazole	17.85	167	44643	5.46	ng/ul#	98

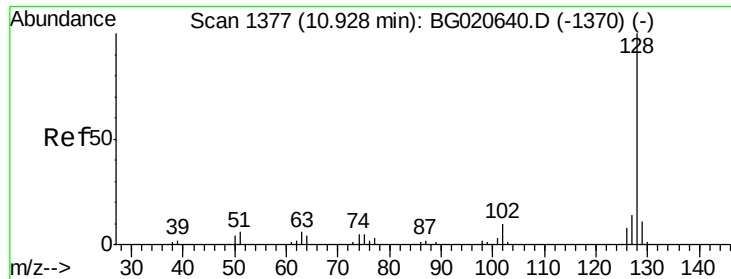
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020647.D
Acq On : 31 Dec 2015 18:34
Operator : UM/SJ
Sample : G4847-06DL 100X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N70DL

Quant Time: Jan 01 04:27:31 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

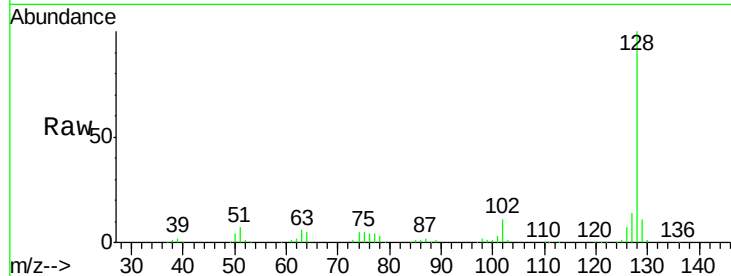




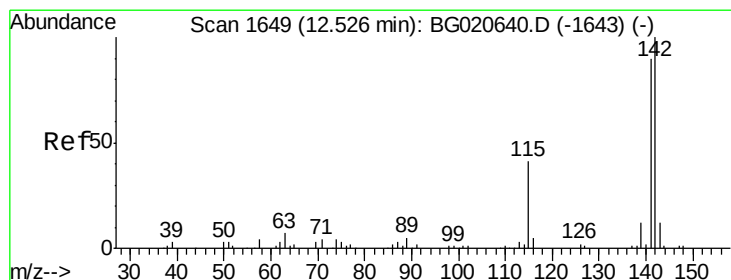
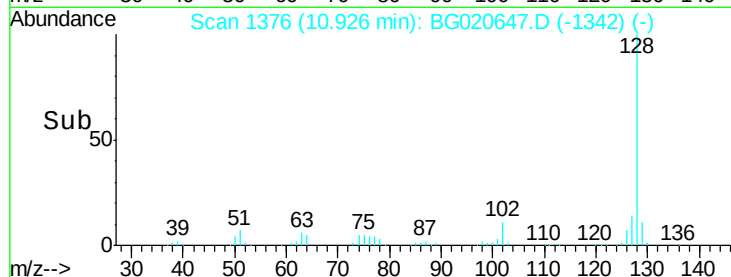
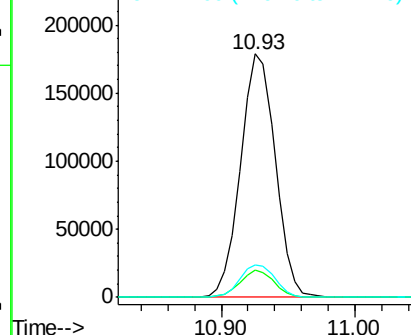
#28
Naphthalene
Concen: 68.21 ng/ul
RT: 10.93 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG020647.D
Acq: 31 Dec 2015 18:34

Instrument :
BNA_G
ClientSampleId :
D9N70DL

Tgt Ion:128 Resp: 322008
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.5 10.8 16.2

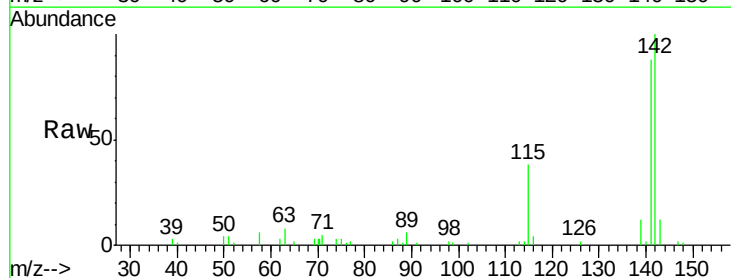


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

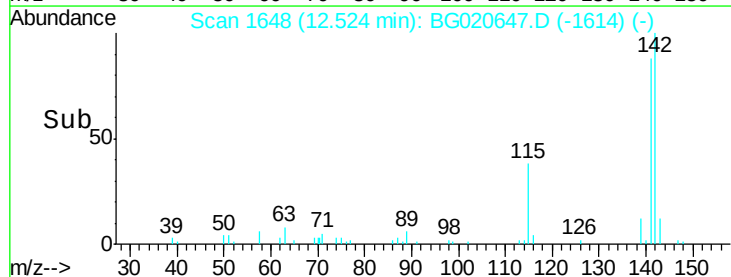
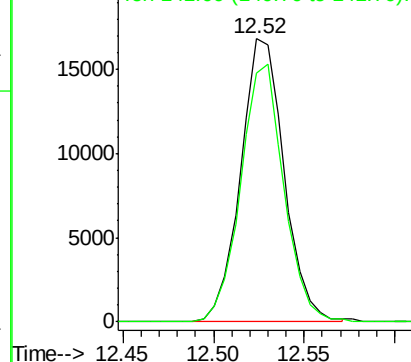


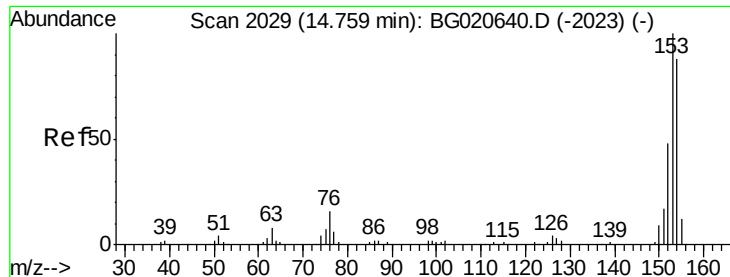
#34
2-Methylnaphthalene
Concen: 7.94 ng/ul
RT: 12.52 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG020647.D
Acq: 31 Dec 2015 18:34

Tgt Ion:142 Resp: 28038
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.2



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





#50

Acenaphthene

Concen: 7.99 ng/ul

RT: 14.76 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG020647.D

Acq: 31 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

D9N70DL

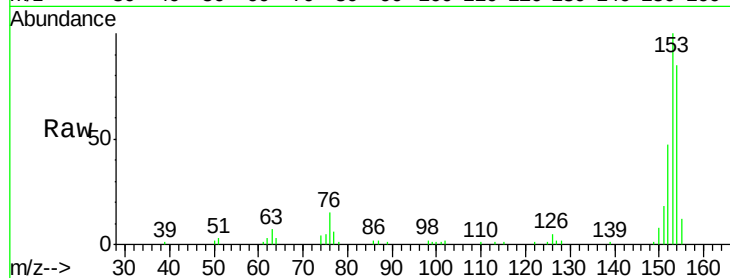
Tgt Ion:153 Resp: 36180

Ion Ratio Lower Upper

153 100

152 46.7 37.9 56.9

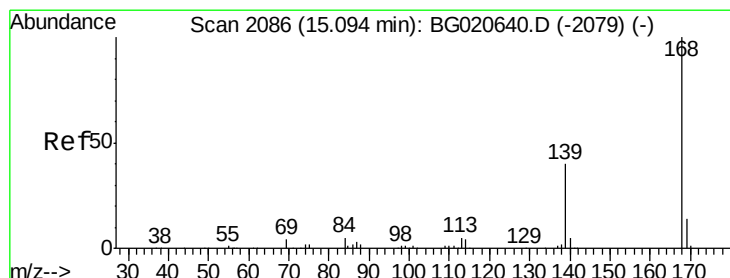
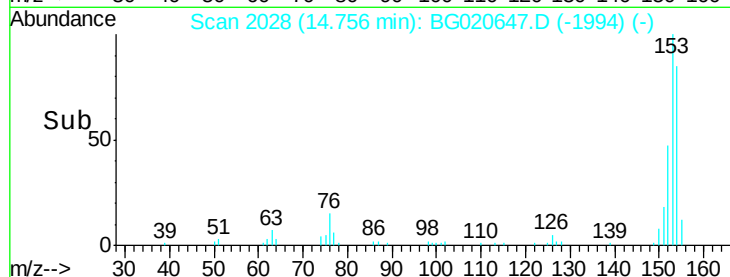
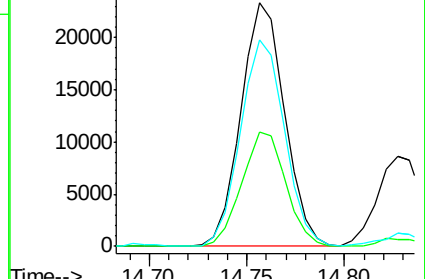
154 85.1 69.8 104.6



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: 4.16 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG020647.D

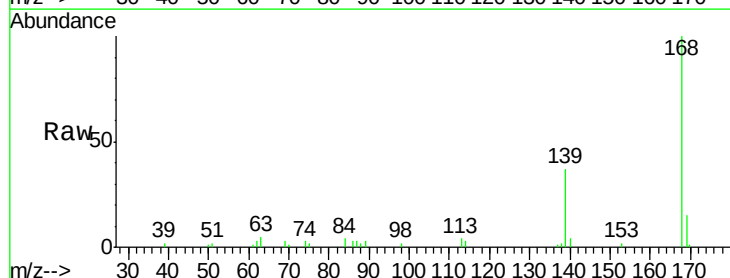
Acq: 31 Dec 2015 18:34

Tgt Ion:168 Resp: 28452

Ion Ratio Lower Upper

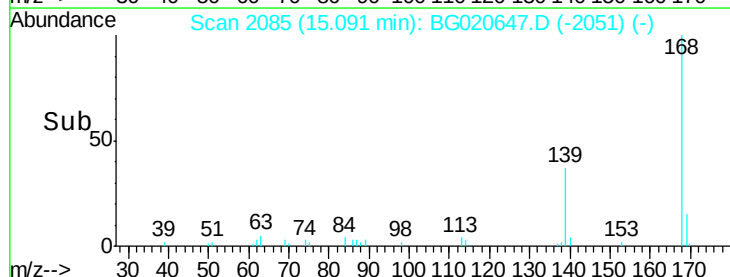
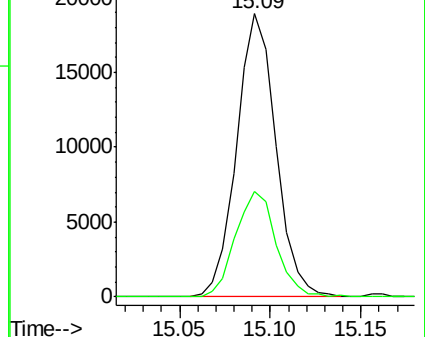
168 100

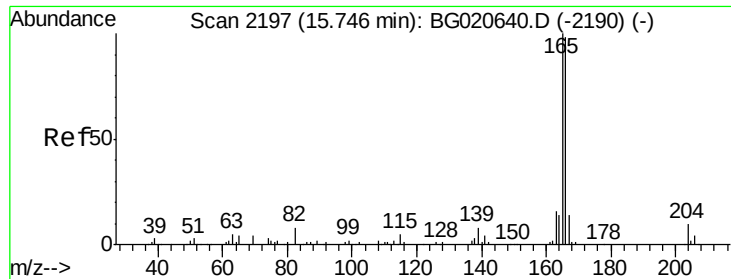
139 37.3 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

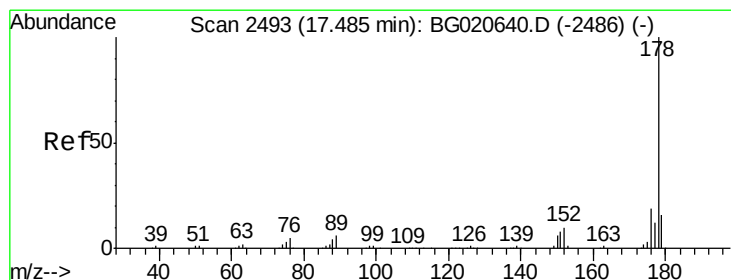
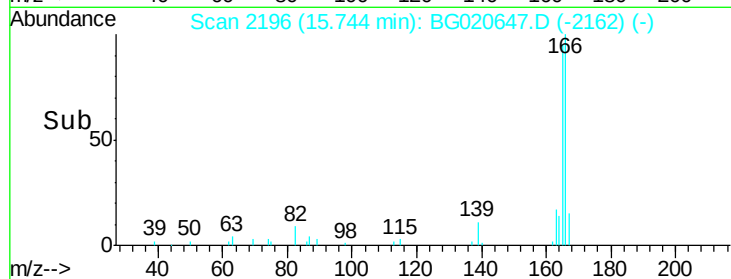
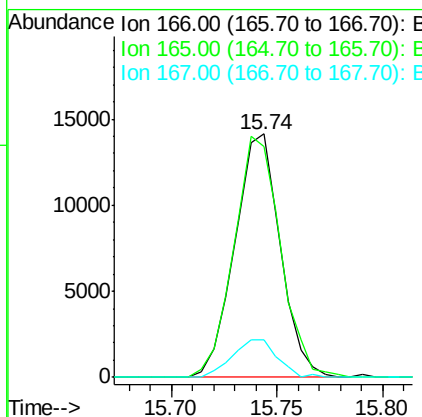
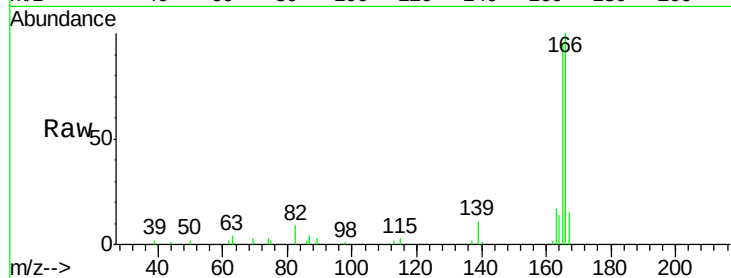




#59
 Fluorene
 Concen: 3.83 ng/ul
 RT: 15.74 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG020647.D
 Acq: 31 Dec 2015 18:34

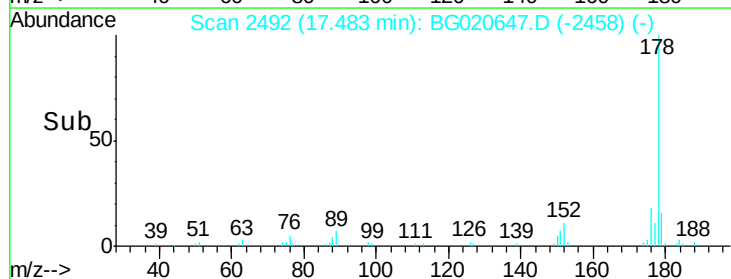
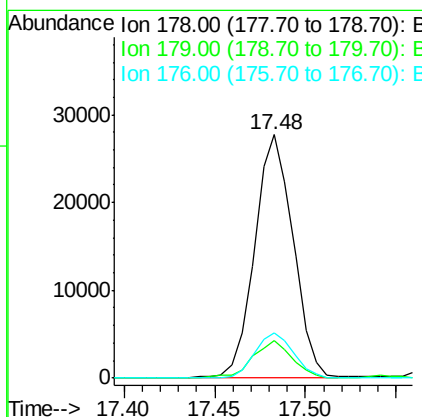
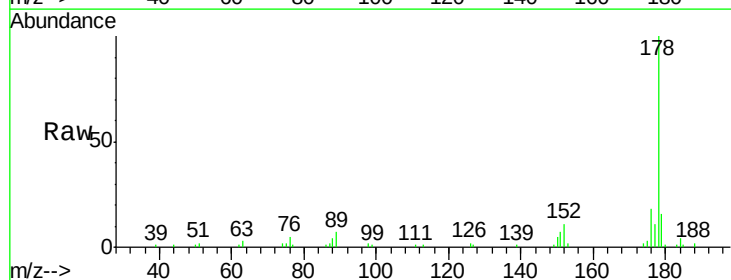
Instrument :
 BNA_G
 ClientSampleId :
 D9N70DL

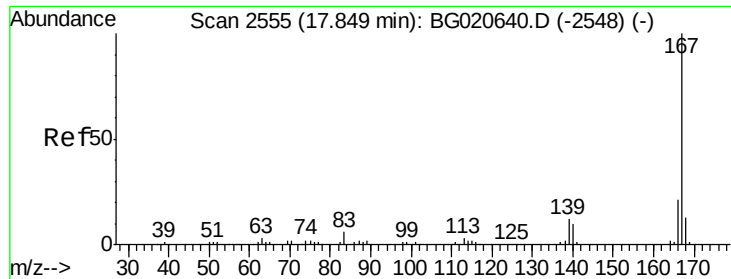
Tgt Ion:166 Resp: 21111
 Ion Ratio Lower Upper
 166 100
 165 94.8 78.4 117.6
 167 15.3 11.1 16.7



#70
 Phenanthrene
 Concen: 4.32 ng/ul
 RT: 17.48 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG020647.D
 Acq: 31 Dec 2015 18:34

Tgt Ion:178 Resp: 40937
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 18.5 15.4 23.0





#75

Carbazole

Concen: 5.46 ng/ul

RT: 17.85 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BG020647.D

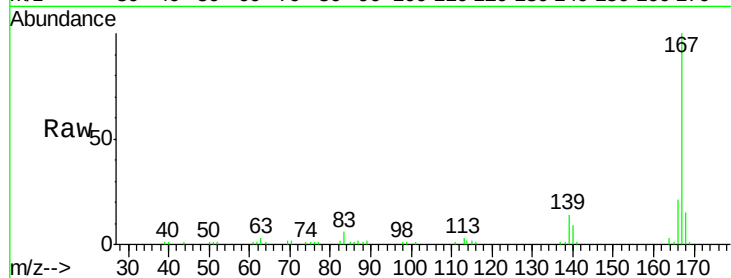
Acq: 31 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

D9N70DL



Tgt Ion:	167	Resp:	44643
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	13.9	9.1	13.7#

