

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020651.D
 Acq On : 31 Dec 2015 21:10
 Operator : UM/SJ
 Sample : G4846-20DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N67DL

Quant Time: Jan 01 03:22:03 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	13999	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	61726	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	47205	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	127380	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	151960	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	144890	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	1095	0.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	2760	3.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	3588	3.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	2125	2.09	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	1954	4.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	1945	3.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	3685	3.50	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	18866	4.88	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	20761	4.73	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	17749	5.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	1228	1.59	ng/ul	0.00
71) Anthracene-d10	17.54	188	29966	5.05	ng/ul	0.00
79) Pyrene-d10	19.82	212	34202	5.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	33230	4.60	ng/ul	-0.01

Target Compounds

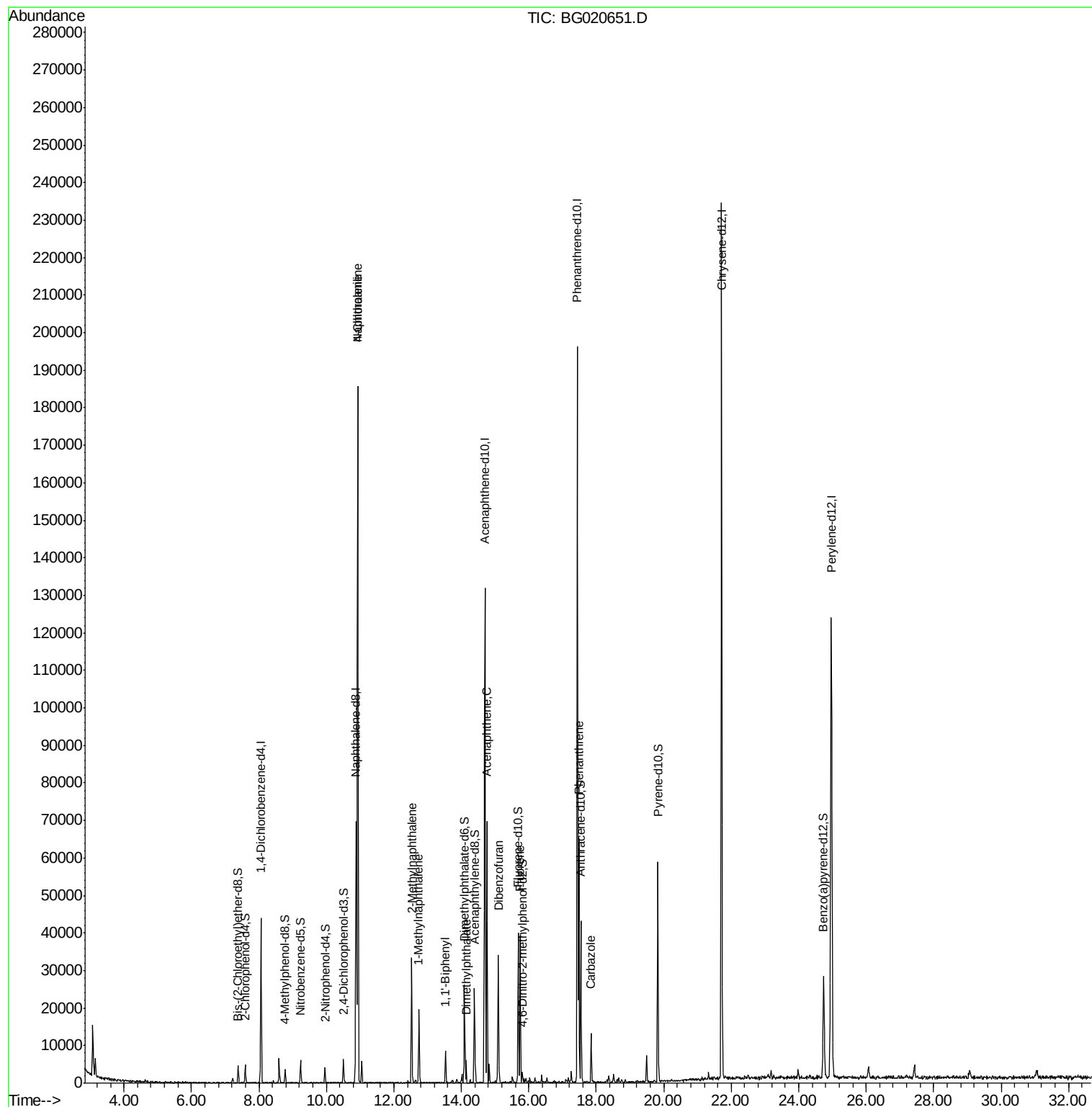
						Qvalue
28) Naphthalene	10.93	128	158424	48.46	ng/ul	99
30) 4-Chloroaniline	10.93	127	21309	16.61	ng/ul#	17
34) 2-Methylnaphthalene	12.52	142	17628	7.21	ng/ul	99
35) 1-Methylnaphthalene	12.75	142	10578	4.48	ng/ul	92
41) 1,1'-Biphenyl	13.53	154	5593	1.57	ng/ul#	93
45) Dimethylphthalate	14.14	163	4734	1.20	ng/ul#	94
50) Acenaphthene	14.76	153	31596	9.99	ng/ul	98
54) Dibenzofuran	15.09	168	25822	5.40	ng/ul	99
59) Fluorene	15.74	166	19877	5.17	ng/ul	99
70) Phenanthrene	17.48	178	42215	6.10	ng/ul	99
75) Carbazole	17.85	167	10697	1.79	ng/ul	98

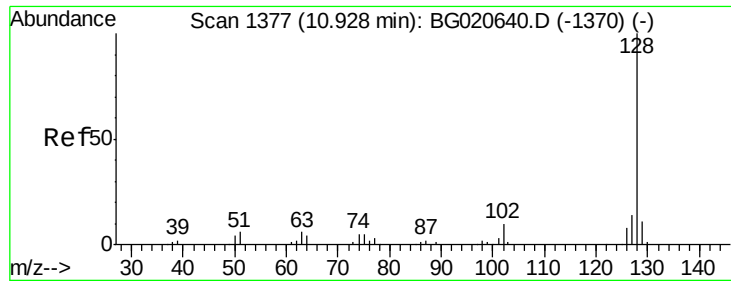
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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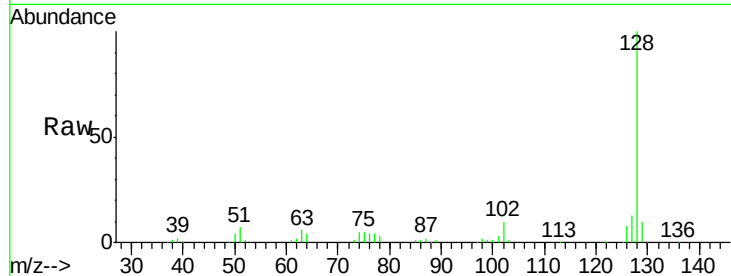




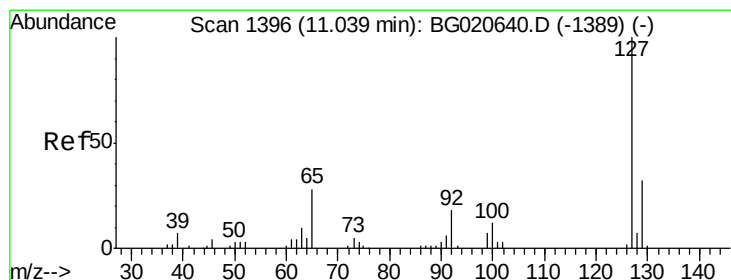
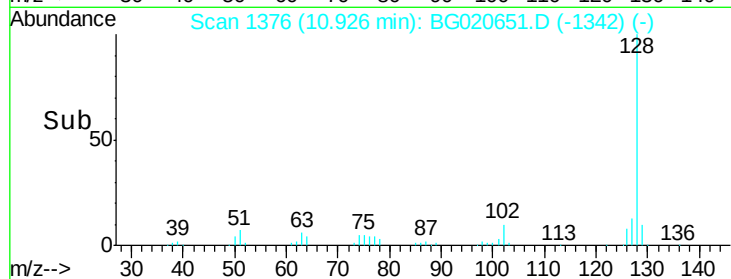
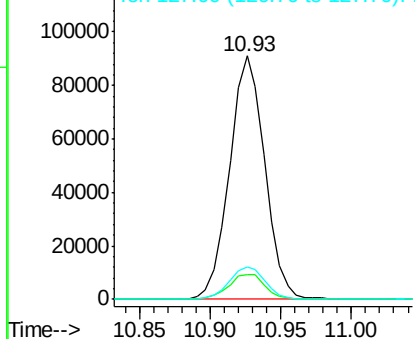
#28
Naphthalene
Concen: 48.46 ng/ul
RT: 10.93 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG020651.D
Acq: 31 Dec 2015 21:10

Instrument :
BNA_G
ClientSampleId :
D9N67DL

Tgt Ion:128 Resp: 158424
Ion Ratio Lower Upper
128 100
129 10.1 8.3 12.5
127 13.3 10.8 16.2

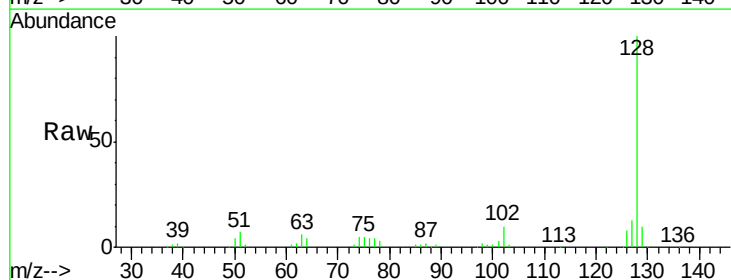


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

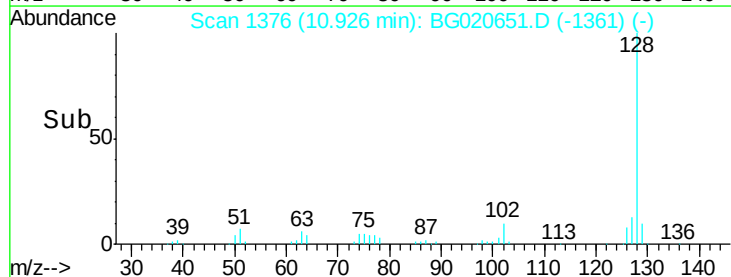
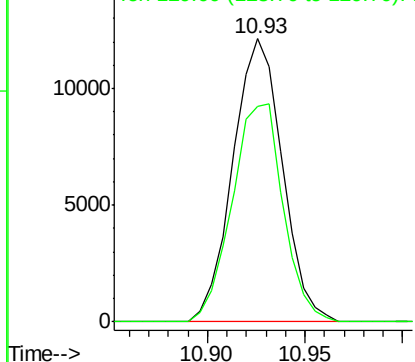


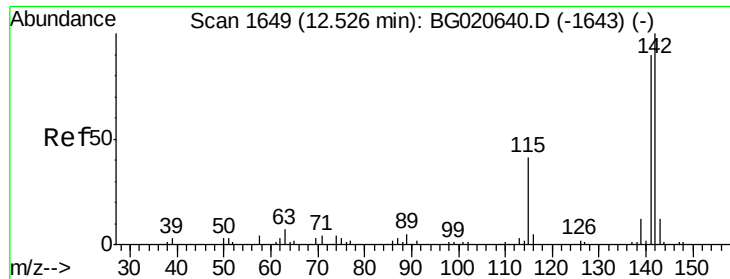
#30
4-Chloroaniline
Concen: 16.61 ng/ul
RT: 10.93 min Scan# 1376
Delta R.T. -0.11 min
Lab File: BG020651.D
Acq: 31 Dec 2015 21:10

Tgt Ion:127 Resp: 21309
Ion Ratio Lower Upper
127 100
129 76.2 24.6 37.0#



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

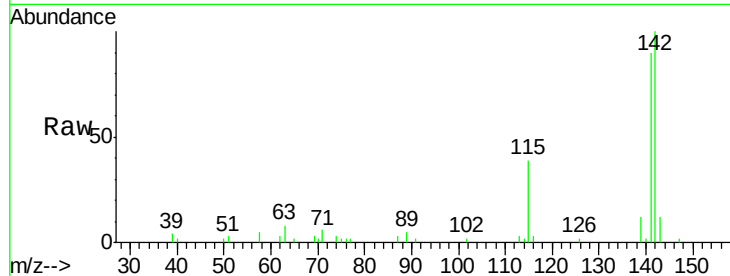




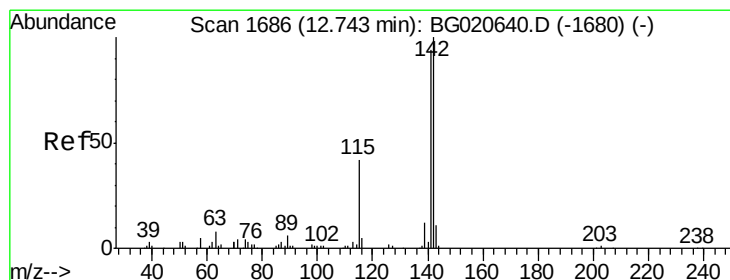
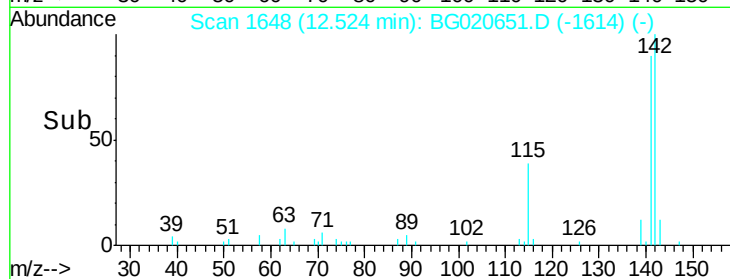
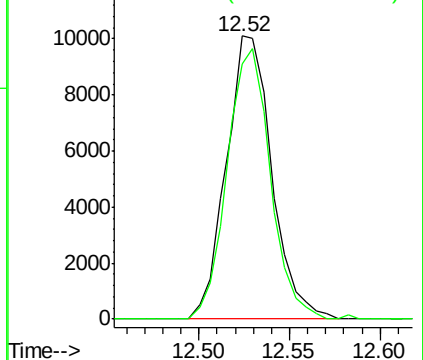
#34
 2-Methylnaphthalene
 Concen: 7.21 ng/ul
 RT: 12.52 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG020651.D
 Acq: 31 Dec 2015 21:10

Instrument :
 BNA_G
 ClientSampleId :
 D9N67DL

Tgt Ion:142 Resp: 17628
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.4 107.2

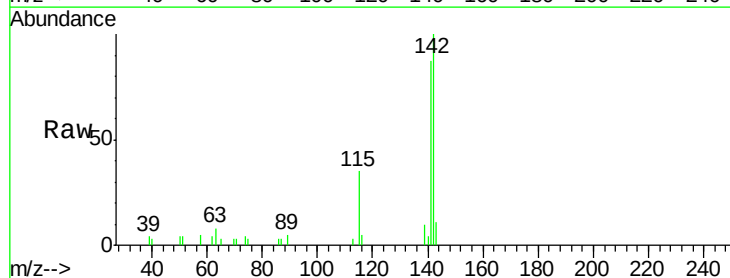


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

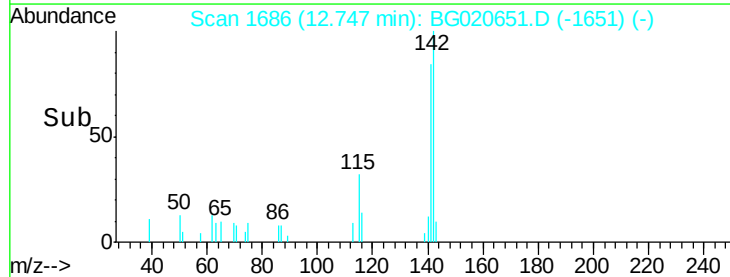
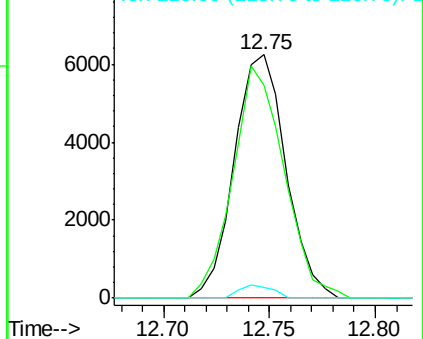


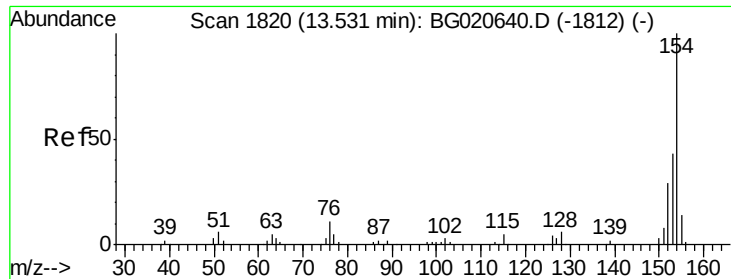
#35
 1-Methylnaphthalene
 Concen: 4.48 ng/ul
 RT: 12.75 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG020651.D
 Acq: 31 Dec 2015 21:10

Tgt Ion:142 Resp: 10578
 Ion Ratio Lower Upper
 142 100
 141 87.3 76.6 115.0
 116 4.5 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

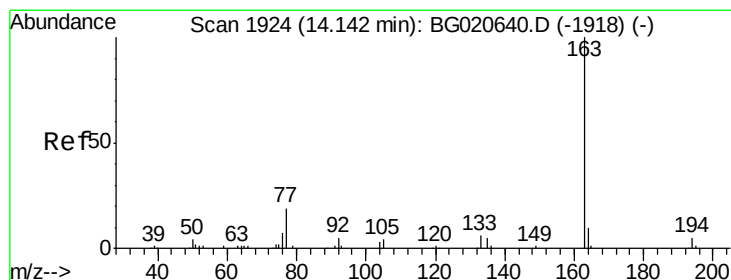
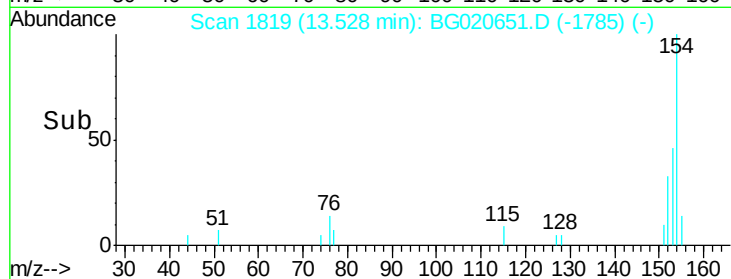
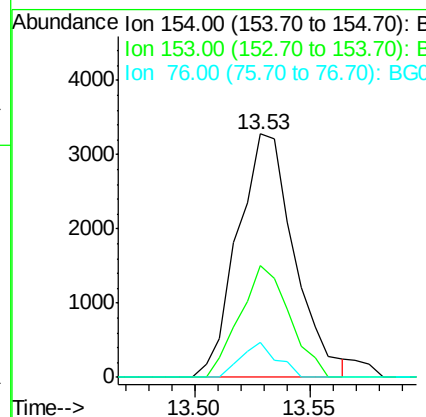
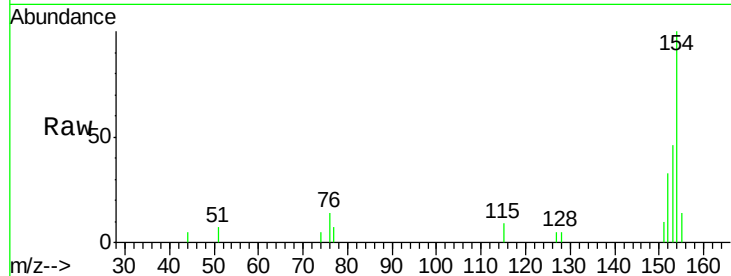




#41
 1,1'-Biphenyl
 Concen: 1.57 ng/ul
 RT: 13.53 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG020651.D
 Acq: 31 Dec 2015 21:10

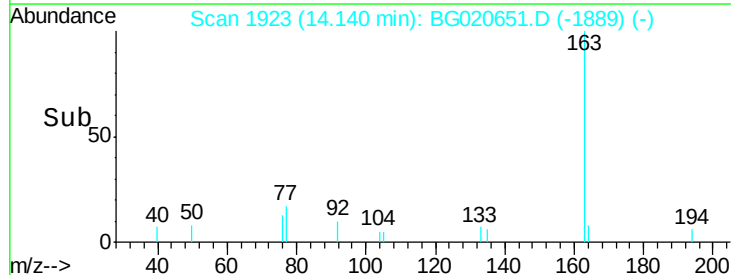
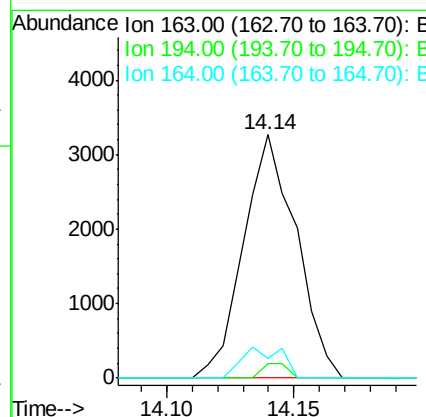
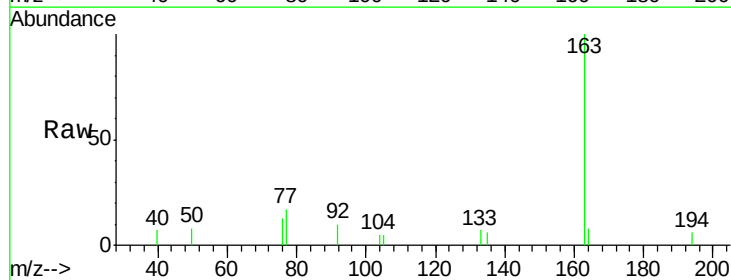
Instrument :
 BNA_G
 ClientSampleId :
 D9N67DL

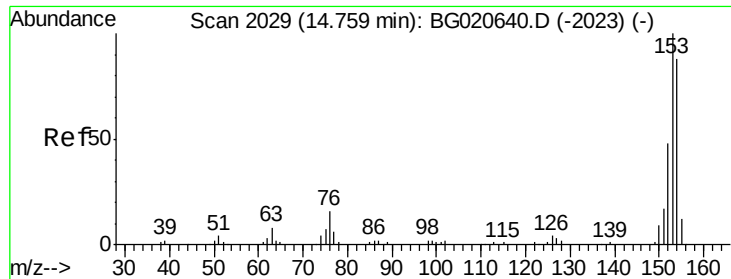
Tgt Ion:154 Resp: 5593
 Ion Ratio Lower Upper
 154 100
 153 46.1 34.0 51.0
 76 14.3 8.4 12.6#



#45
 Dimethylphthalate
 Concen: 1.20 ng/ul
 RT: 14.14 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG020651.D
 Acq: 31 Dec 2015 21:10

Tgt Ion:163 Resp: 4734
 Ion Ratio Lower Upper
 163 100
 194 5.9 4.0 6.0
 164 7.9 8.4 12.6#





#50

Acenaphthene

Concen: 9.99 ng/ul

RT: 14.76 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG020651.D

Acq: 31 Dec 2015 21:10

Instrument :

BNA_G

ClientSampleId :

D9N67DL

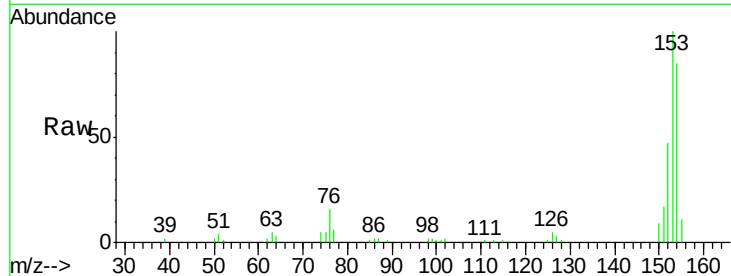
Tgt Ion:153 Resp: 31596

Ion Ratio Lower Upper

153 100

152 47.2 37.9 56.9

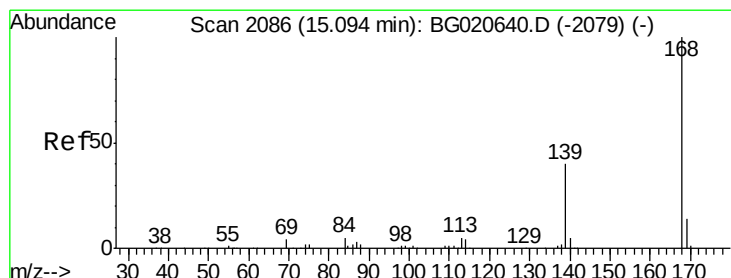
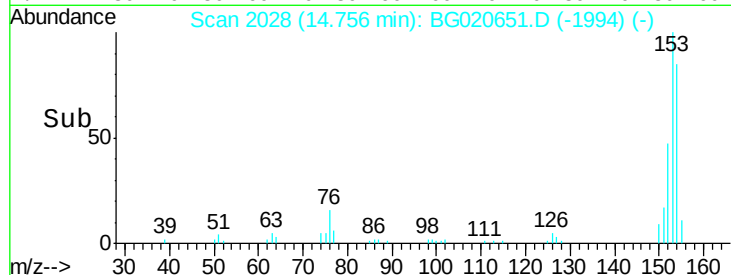
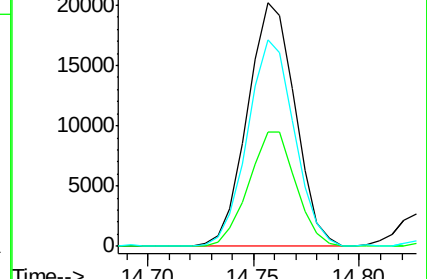
154 84.9 69.8 104.6



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: 5.40 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG020651.D

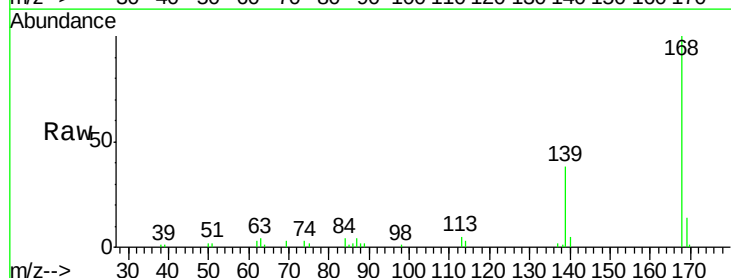
Acq: 31 Dec 2015 21:10

Tgt Ion:168 Resp: 25822

Ion Ratio Lower Upper

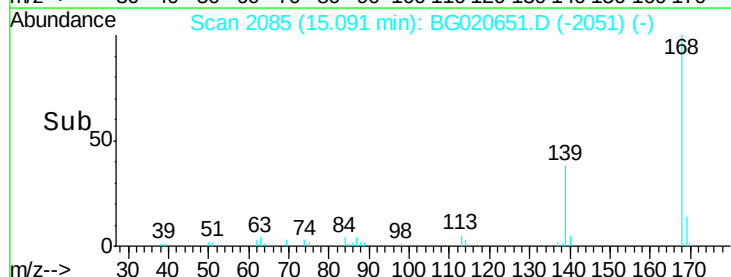
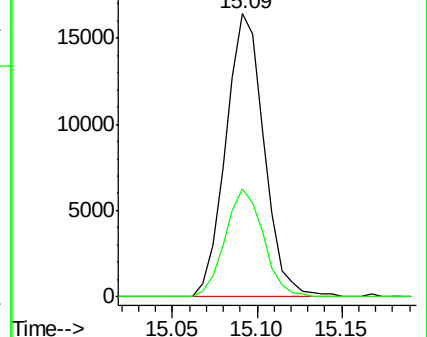
168 100

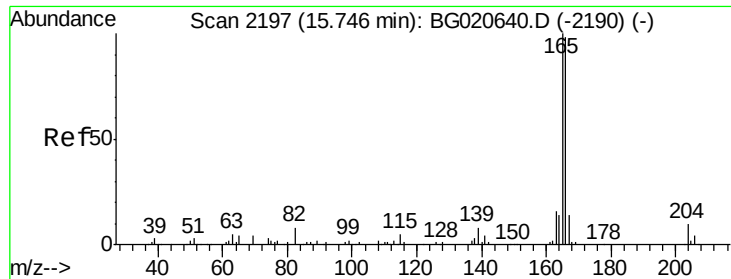
139 38.1 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

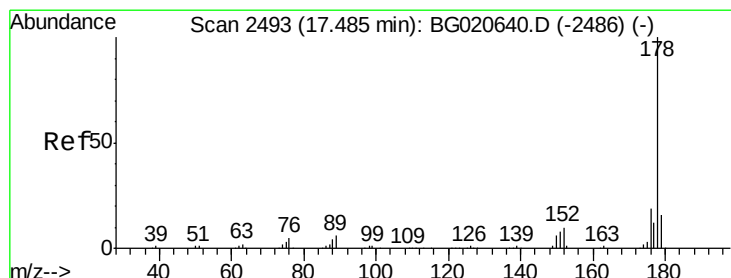
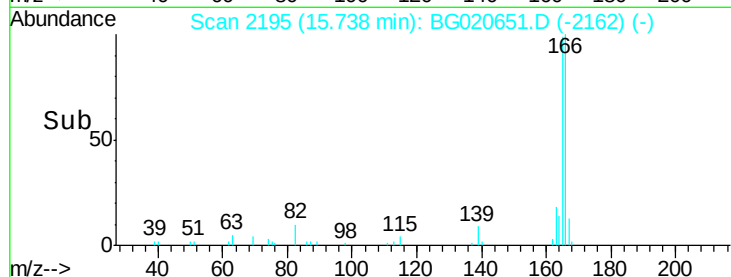
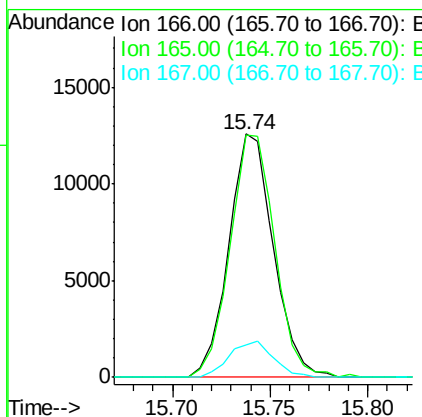
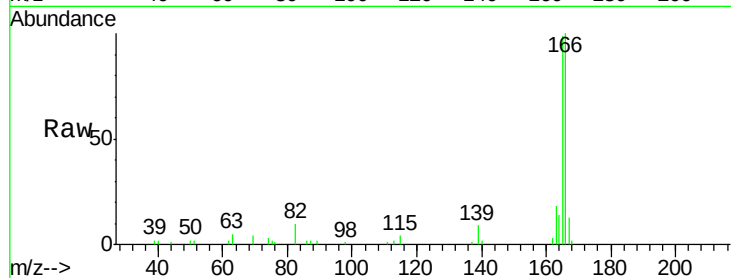




#59
 Fluorene
 Concen: 5.17 ng/ul
 RT: 15.74 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BG020651.D
 Acq: 31 Dec 2015 21:10

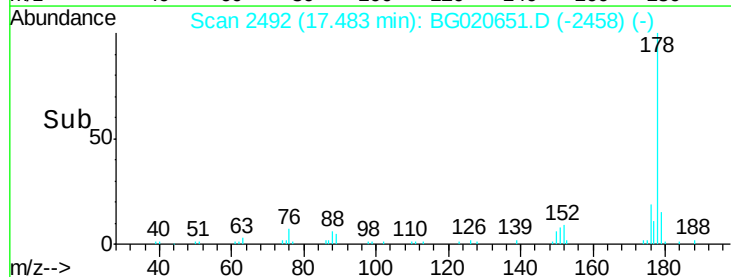
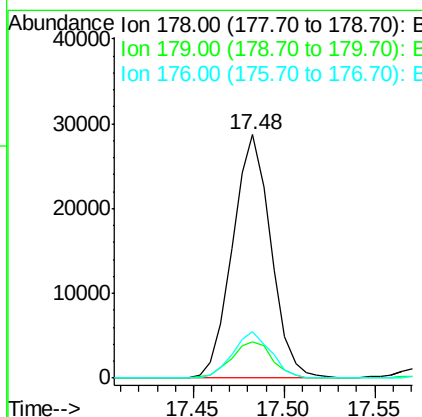
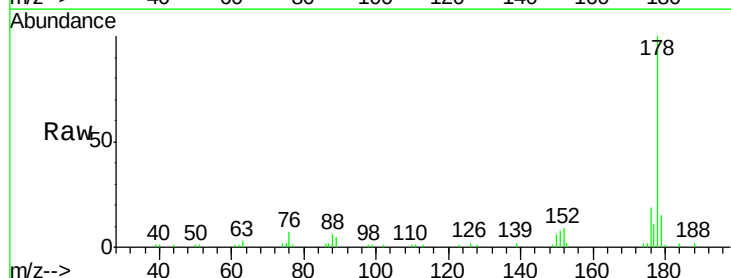
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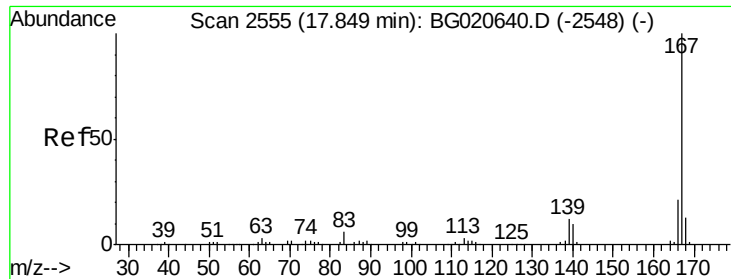
Tgt Ion:166 Resp: 19877
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.4 117.6
 167 13.3 11.1 16.7



#70
 Phenanthrene
 Concen: 6.10 ng/ul
 RT: 17.48 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG020651.D
 Acq: 31 Dec 2015 21:10

Tgt Ion:178 Resp: 42215
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.3 18.5
 176 19.0 15.4 23.0





#75

Carbazole

Concen: 1.79 ng/ul

RT: 17.85 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BG020651.D

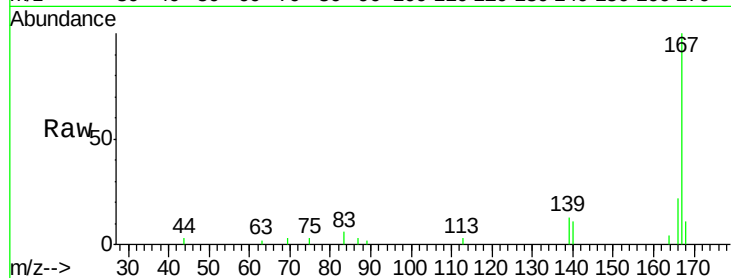
Acq: 31 Dec 2015 21:10

Instrument :

BNA_G

ClientSampleId :

D9N67DL



Tgt Ion:	167	Resp:	10697
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.4
139	12.6	9.1	13.7

