

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020650.D
 Acq On : 31 Dec 2015 20:31
 Operator : UM/SJ
 Sample : G4847-09DL 100X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N73DL

Quant Time: Jan 01 03:21:44 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	20305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	93157	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	70609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	184965	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	219458	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	208763	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	7.39	99	238	0.14	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	7.38	67	74	0.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	154	0.12	ng/ul	0.02
13) 4-Methylphenol-d8	8.60	113	57	0.04	ng/ul	-0.17
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	10.51	165	187	0.12	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	3239	0.56	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	3766	0.57	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	3489	0.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	5854	0.68	ng/ul	0.00
79) Pyrene-d10	19.83	212	5510	0.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	5648	0.54	ng/ul	-0.01

Target Compounds

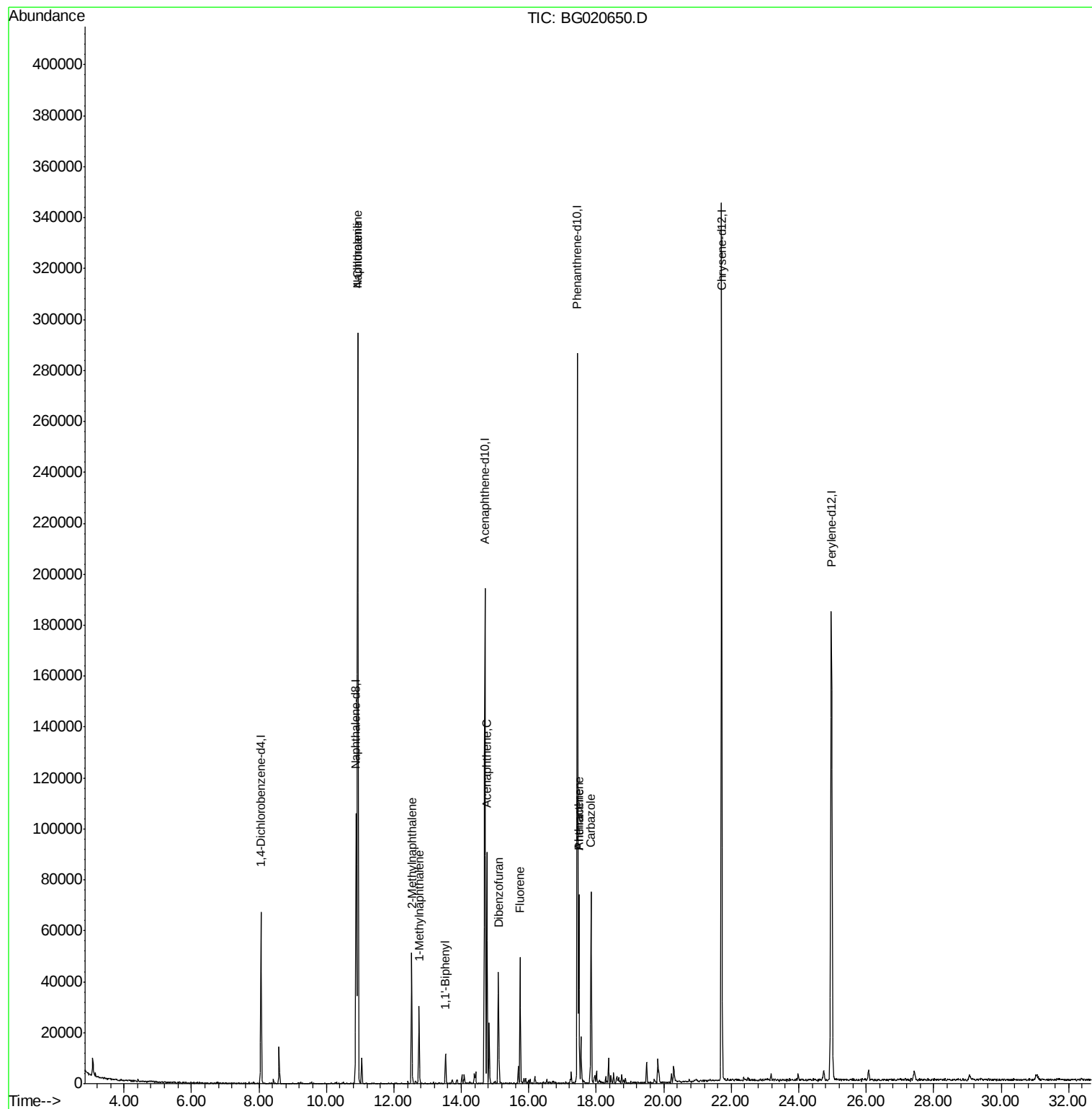
						Qvalue
28) Naphthalene	10.93	128	248542	50.38	ng/ul	98
30) 4-Chloroaniline	10.93	127	33916	17.52	ng/ul#	12
34) 2-Methylnaphthalene	12.53	142	26251	7.11	ng/ul	99
35) 1-Methylnaphthalene	12.75	142	15181	4.26	ng/ul#	98
41) 1,1'-Biphenyl	13.53	154	7899	1.49	ng/ul	97
50) Acenaphthene	14.76	153	40299	8.52	ng/ul	99
54) Dibenzofuran	15.09	168	31882	4.46	ng/ul	95
59) Fluorene	15.74	166	22999	4.00	ng/ul	100
70) Phenanthrene	17.48	178	48837	4.86	ng/ul	98
72) Anthracene	17.48	178	48837	4.75	ng/ul	97
75) Carbazole	17.84	167	54572	6.29	ng/ul	99

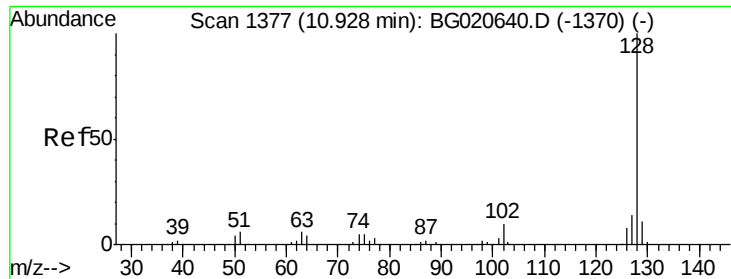
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 50.38 ng/ul

RT: 10.93 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BG020650.D

Acq: 31 Dec 2015 20:31

Instrument :

BNA_G

ClientSampleId :

D9N73DL

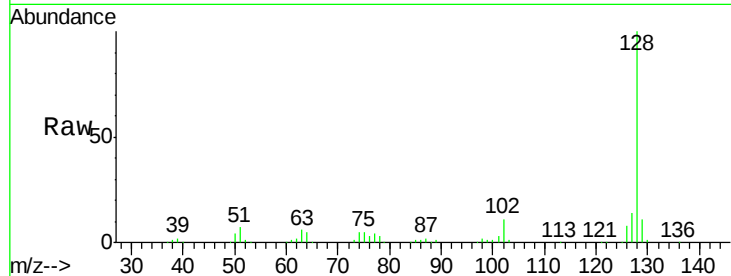
Tgt Ion:128 Resp: 248542

Ion Ratio Lower Upper

128 100

129 11.4 8.3 12.5

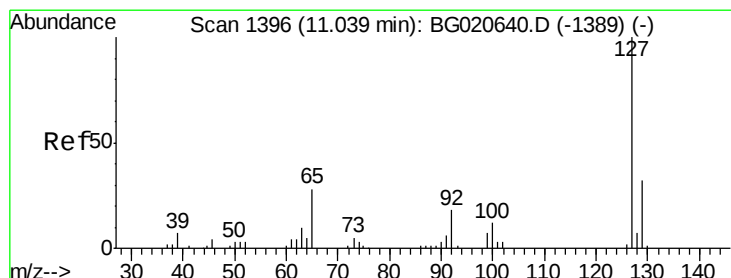
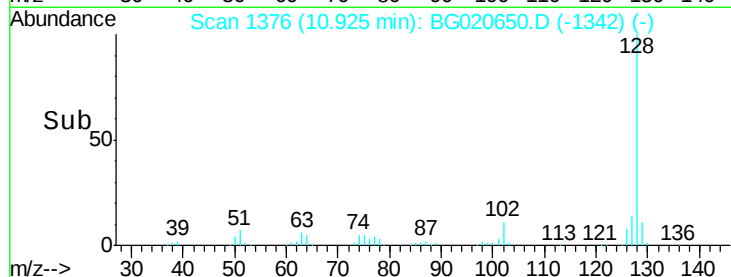
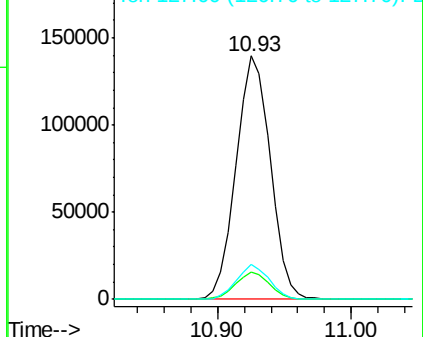
127 14.4 10.8 16.2



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: 17.52 ng/ul

RT: 10.93 min Scan# 1376

Delta R.T. -0.11 min

Lab File: BG020650.D

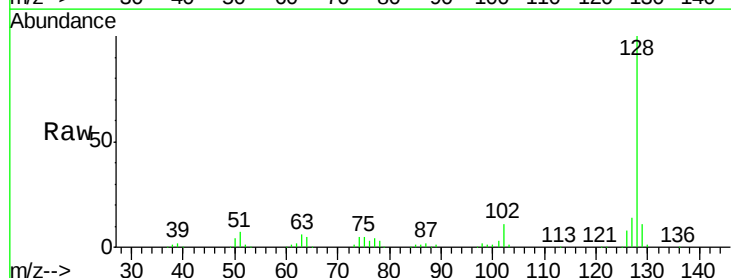
Acq: 31 Dec 2015 20:31

Tgt Ion:127 Resp: 33916

Ion Ratio Lower Upper

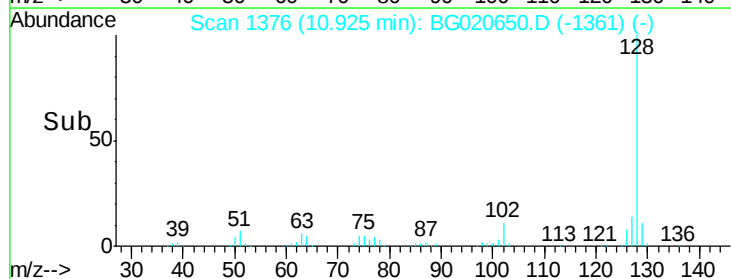
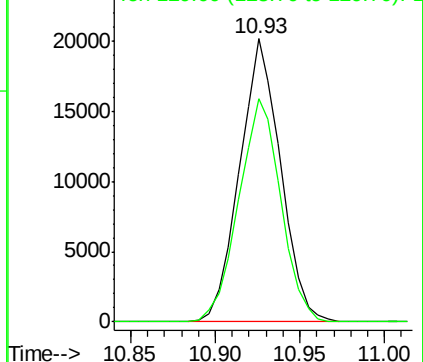
127 100

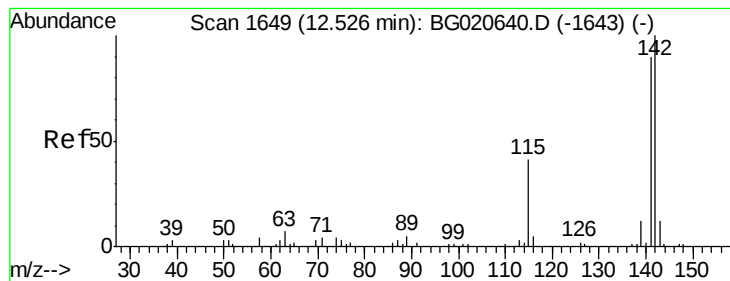
129 79.0 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 7.11 ng/ul

RT: 12.53 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG020650.D

Acq: 31 Dec 2015 20:31

Instrument :

BNA_G

ClientSampleId :

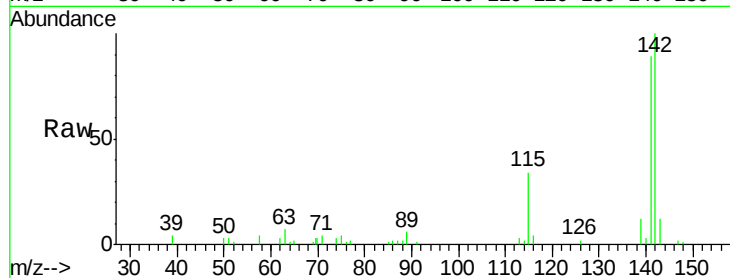
D9N73DL

Tgt Ion:142 Resp: 26251

Ion Ratio Lower Upper

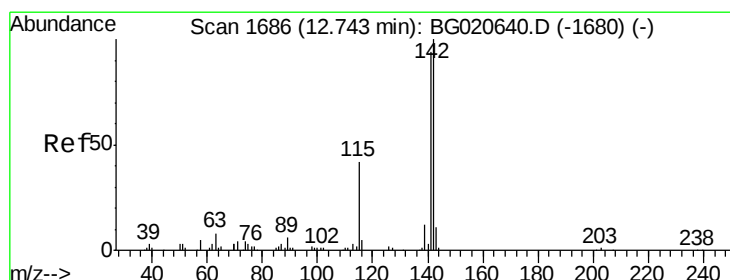
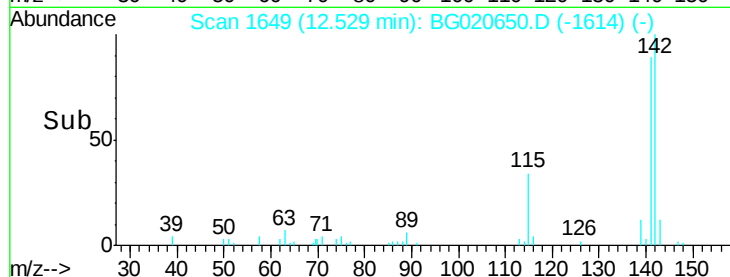
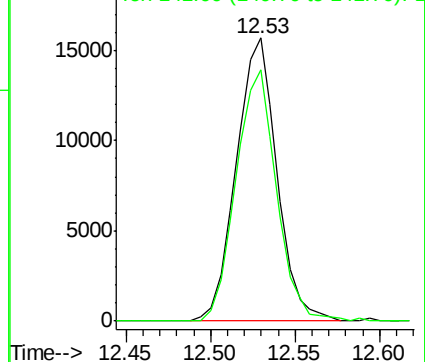
142 100

141 88.8 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: 4.26 ng/ul

RT: 12.75 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BG020650.D

Acq: 31 Dec 2015 20:31

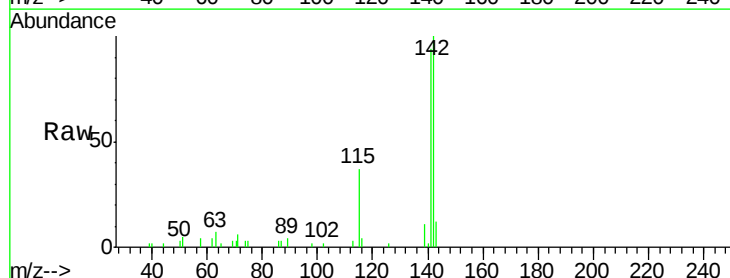
Tgt Ion:142 Resp: 15181

Ion Ratio Lower Upper

142 100

141 93.5 76.6 115.0

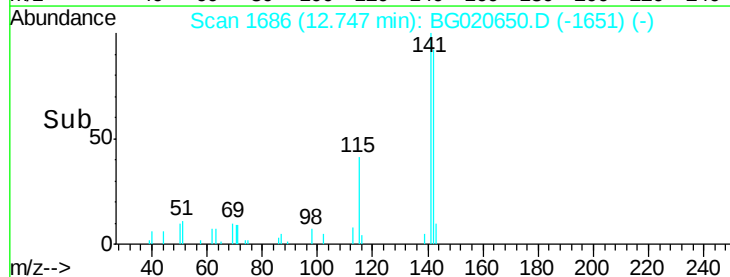
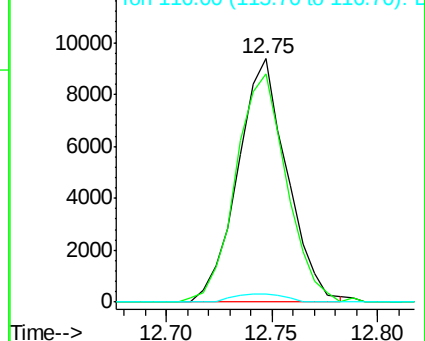
116 3.6 3.6 5.4#

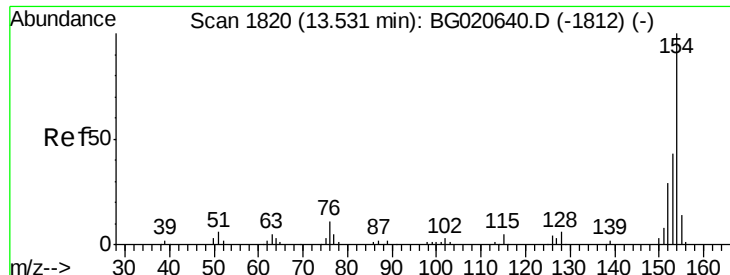


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

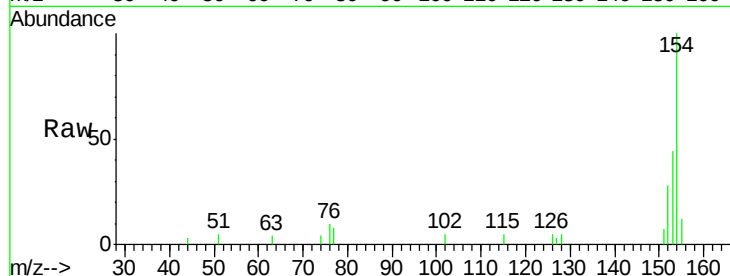




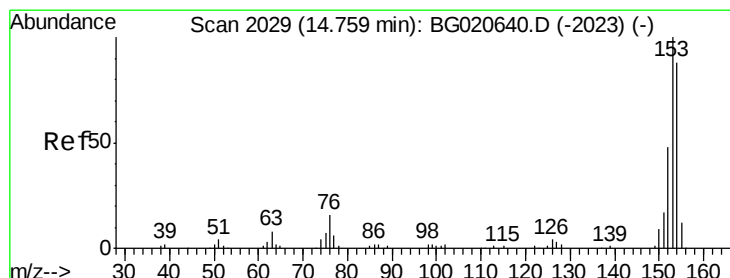
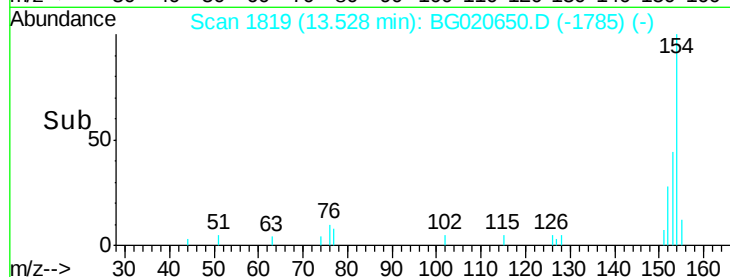
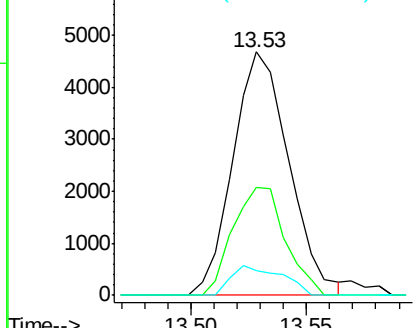
#41
 1,1'-Biphenyl
 Concen: 1.49 ng/ul
 RT: 13.53 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG020650.D
 Acq: 31 Dec 2015 20:31

Instrument :
 BNA_G
 ClientSampleId :
 D9N73DL

Tgt Ion:154 Resp: 7899
 Ion Ratio Lower Upper
 154 100
 153 44.5 34.0 51.0
 76 10.1 8.4 12.6

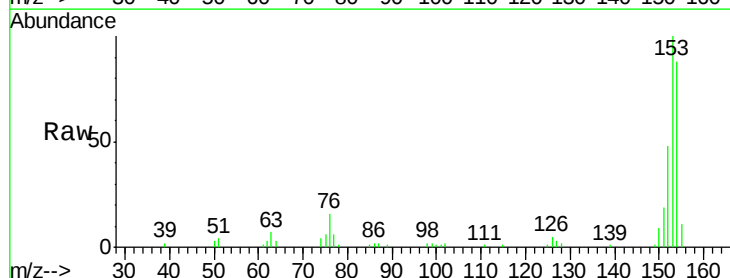


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

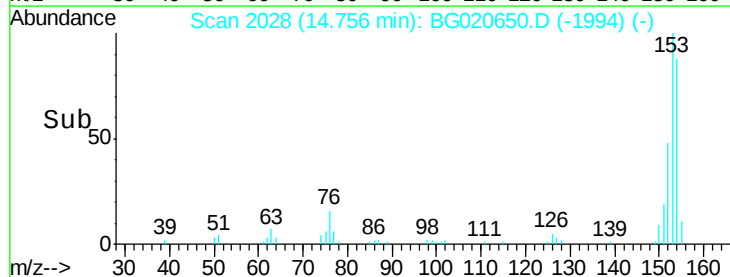
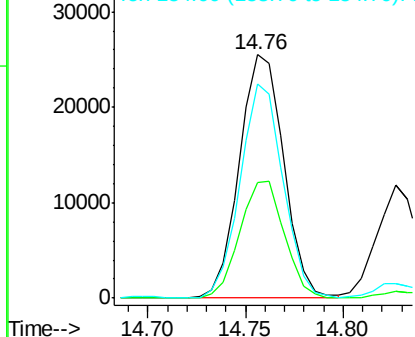


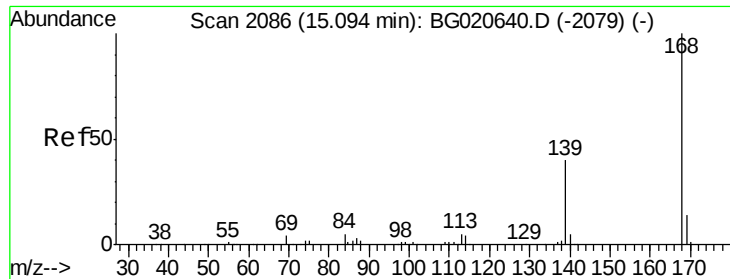
#50
 Acenaphthene
 Concen: 8.52 ng/ul
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BG020650.D
 Acq: 31 Dec 2015 20:31

Tgt Ion:153 Resp: 40299
 Ion Ratio Lower Upper
 153 100
 152 47.6 37.9 56.9
 154 88.0 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: 4.46 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG020650.D

Acq: 31 Dec 2015 20:31

Instrument :

BNA_G

ClientSampleId :

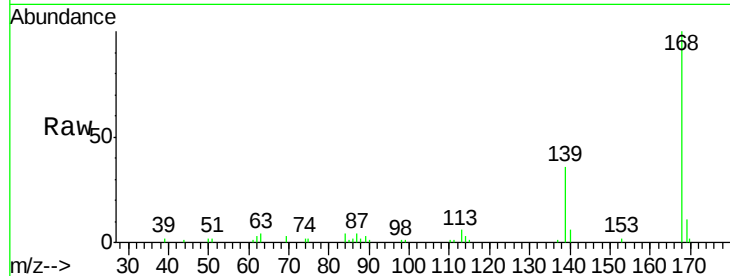
D9N73DL

Tgt Ion:168 Resp: 31882

Ion Ratio Lower Upper

168 100

139 35.8 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.09

20000

15000

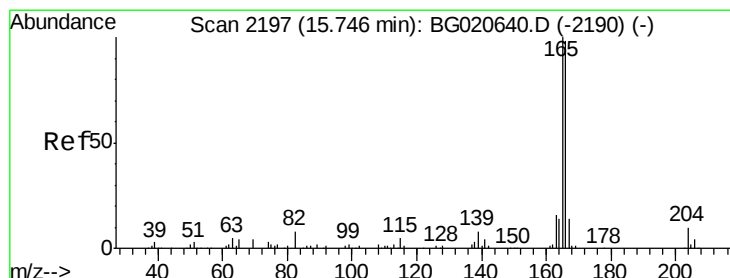
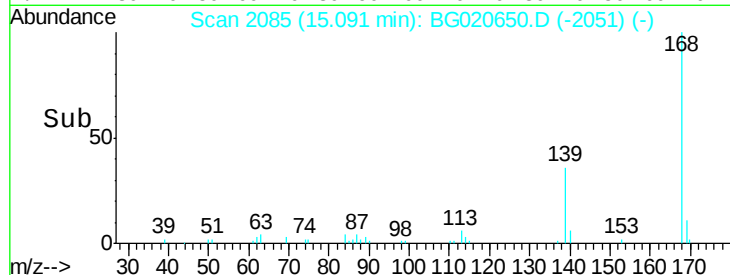
10000

5000

0

Time-->

15.05 15.10 15.15



#59

Fluorene

Concen: 4.00 ng/ul

RT: 15.74 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG020650.D

Acq: 31 Dec 2015 20:31

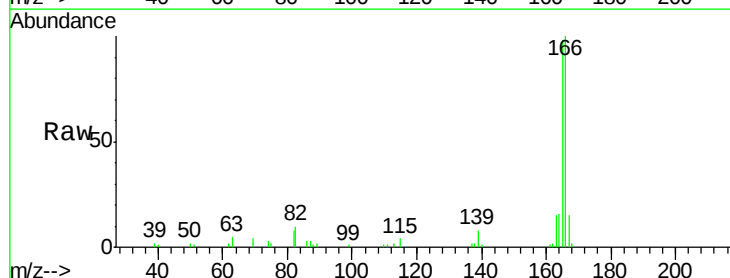
Tgt Ion:166 Resp: 22999

Ion Ratio Lower Upper

166 100

165 98.0 78.4 117.6

167 15.5 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

15.74

20000

15000

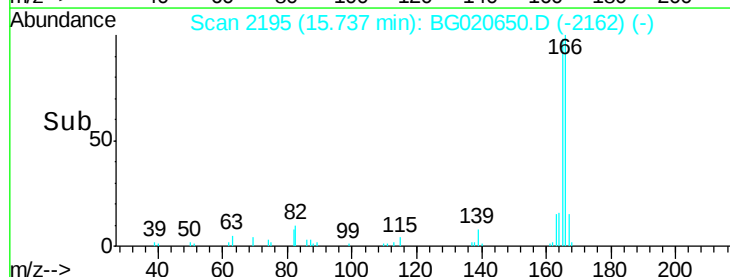
10000

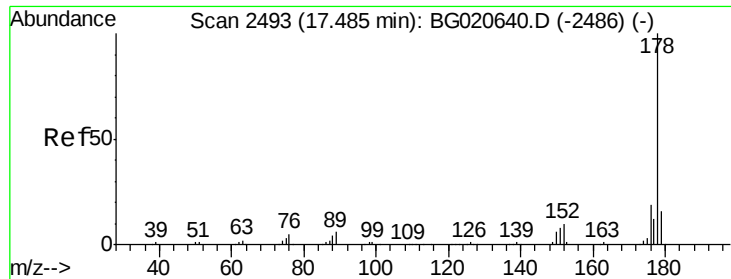
5000

0

Time-->

15.70 15.75 15.80

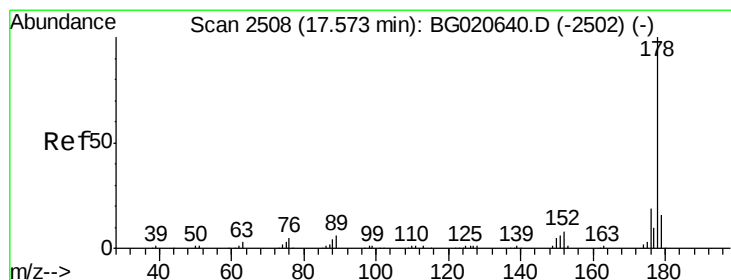
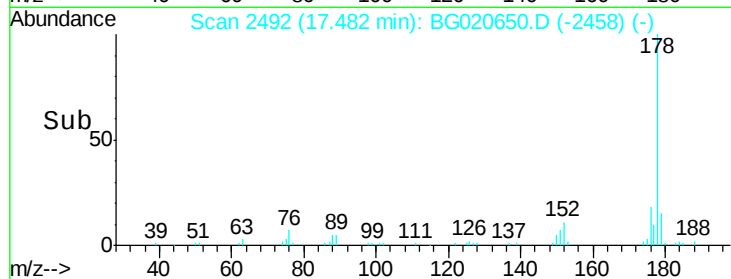
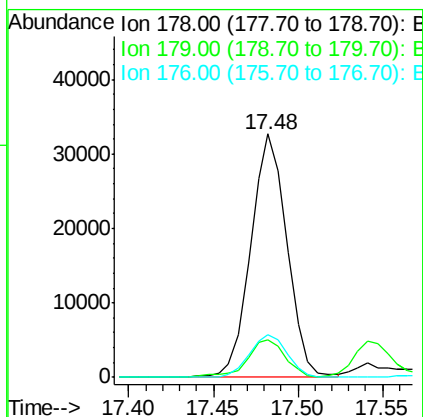
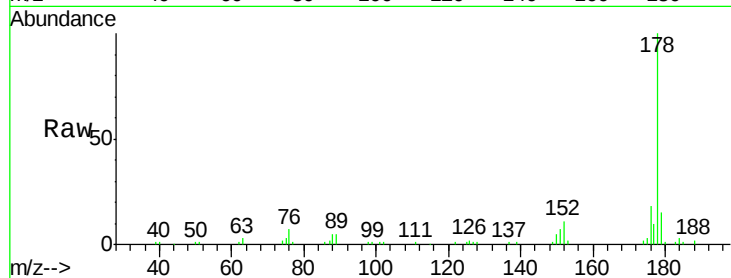




#70
Phenanthrene
Concen: 4.86 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG020650.D
Acq: 31 Dec 2015 20:31

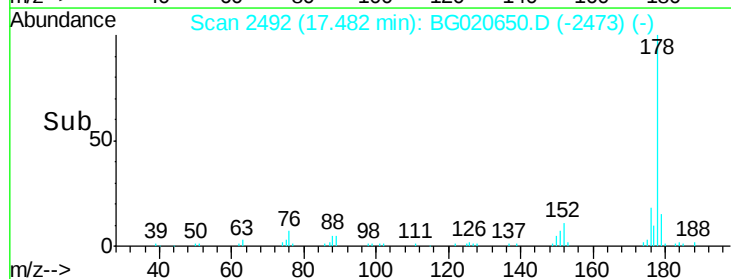
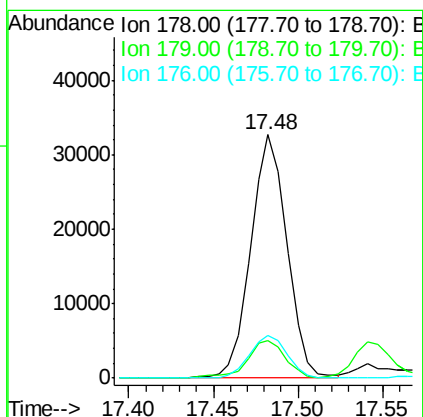
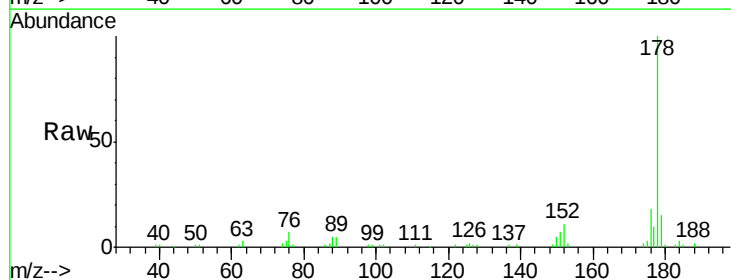
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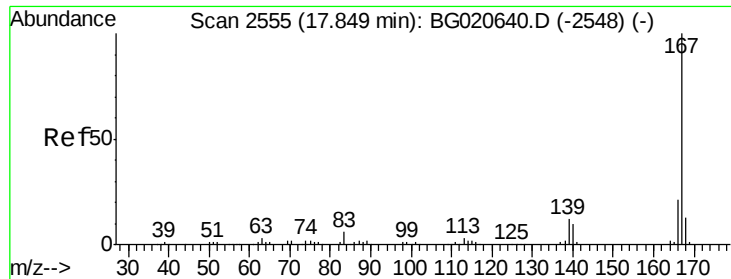
Tgt Ion:178 Resp: 48837
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 17.8 15.4 23.0



#72
Anthracene
Concen: 4.75 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.09 min
Lab File: BG020650.D
Acq: 31 Dec 2015 20:31

Tgt Ion:178 Resp: 48837
Ion Ratio Lower Upper
178 100
179 15.3 13.4 20.2
176 17.8 15.4 23.0





#75

Carbazole

Concen: 6.29 ng/ul

RT: 17.84 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BG020650.D

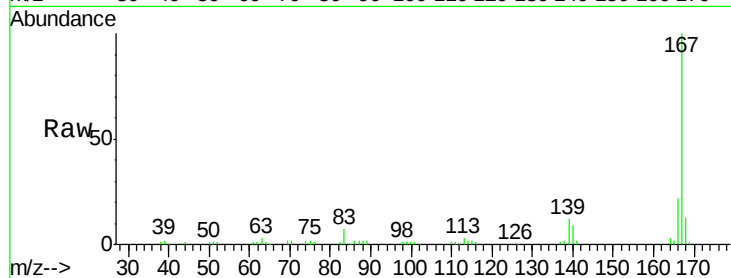
Acq: 31 Dec 2015 20:31

Instrument :

BNA_G

ClientSampleId :

D9N73DL



Tgt Ion:	167	Resp:	54572
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.4
139	12.3	9.1	13.7

