

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 02 01:34:05 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	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	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	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

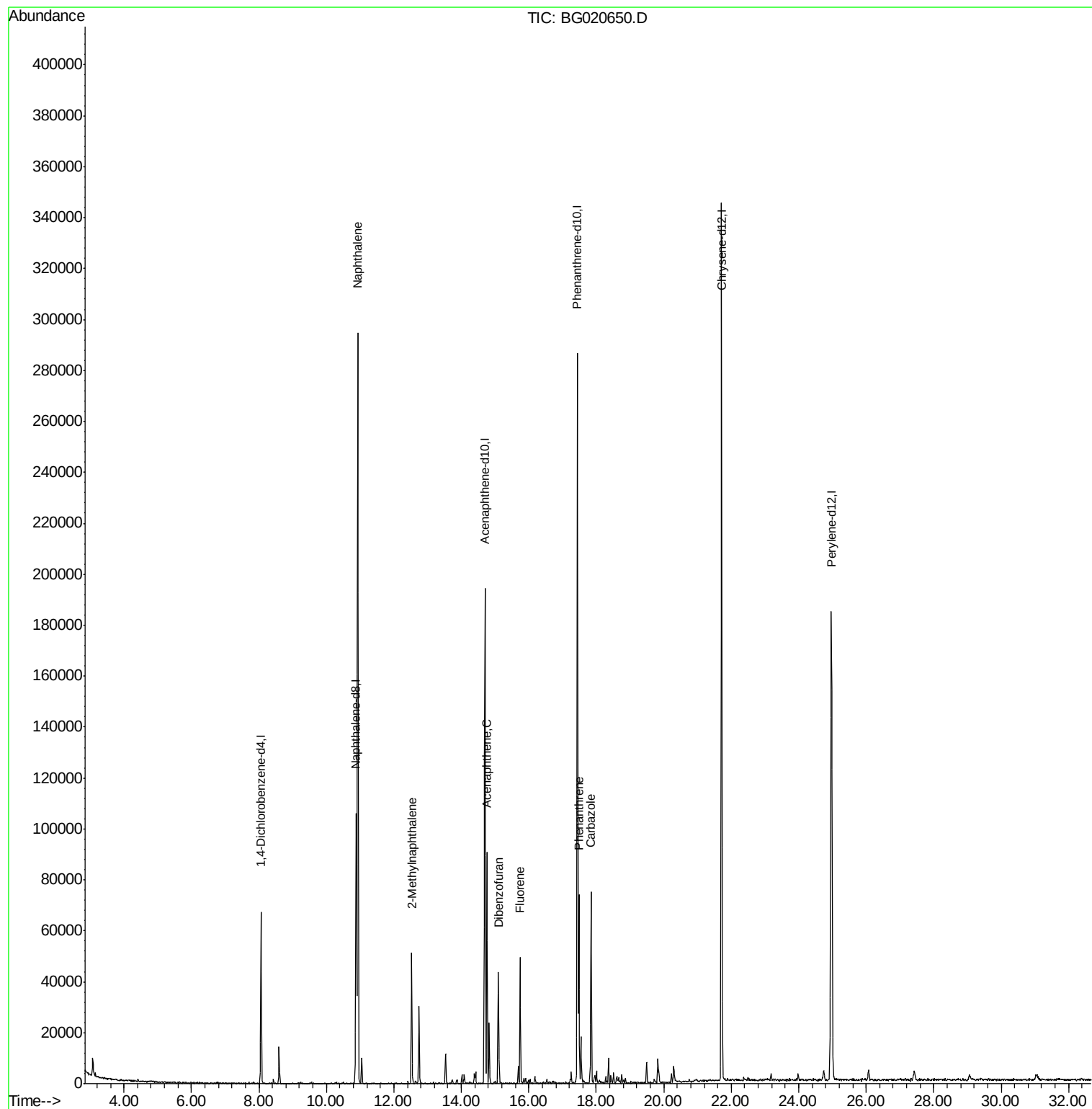
					Qvalue
28) Naphthalene	10.93	128	248542	50.38 ng/ul	98
34) 2-Methylnaphthalene	12.53	142	26251	7.11 ng/ul	99
50) Acenaphthene	14.76	153	40299	8.52 ng/ul	99
54) Dibenzofuran	15.09	168	31882	4.46 ng/ul	95
59) Fluorene	15.74	166	22999	4.00 ng/ul	100
70) Phenanthrene	17.48	178	48837	4.86 ng/ul	98
75) Carbazole	17.84	167	54572	6.29 ng/ul	99

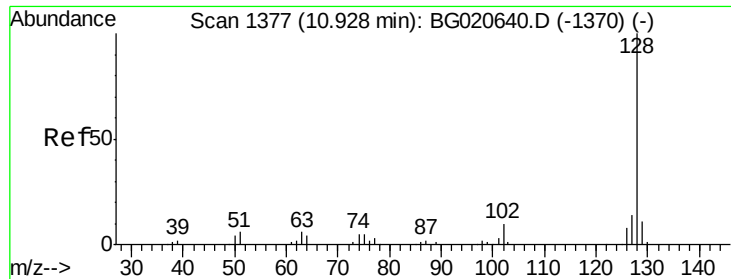
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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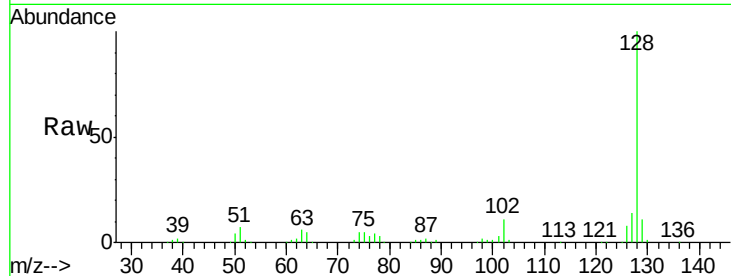




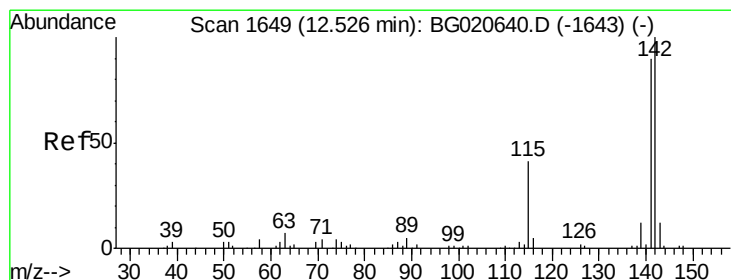
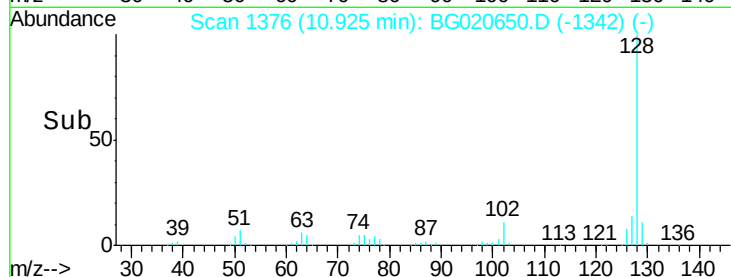
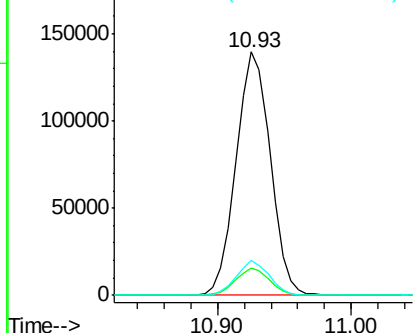
#28
Naphthalene
Concen: 50.38 ng/ul
RT: 10.93 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG020650.D
Acq: 31 Dec 2015 20:31

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

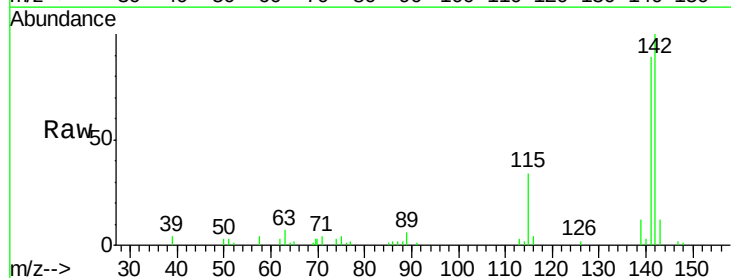


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

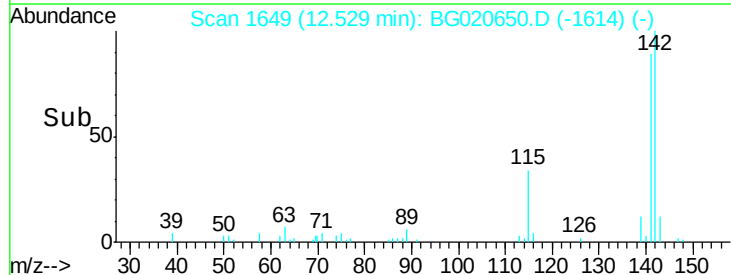
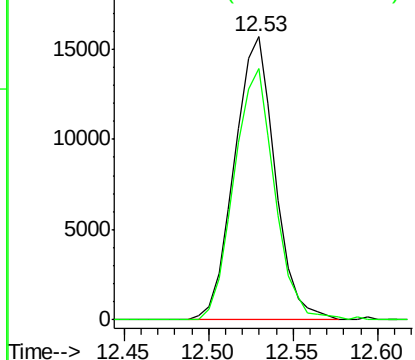


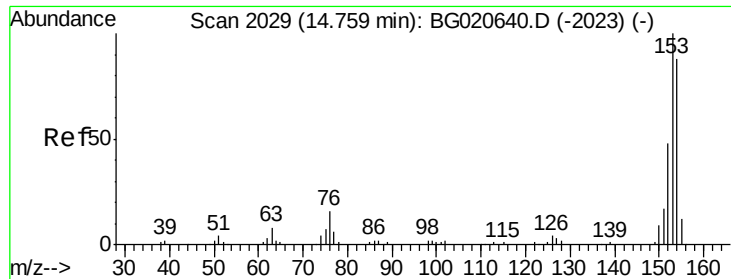
#34
2-Methylnaphthalene
Concen: 7.11 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG020650.D
Acq: 31 Dec 2015 20:31

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





#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

Instrument :

BNA_G

ClientSampleId :

D9N73DL

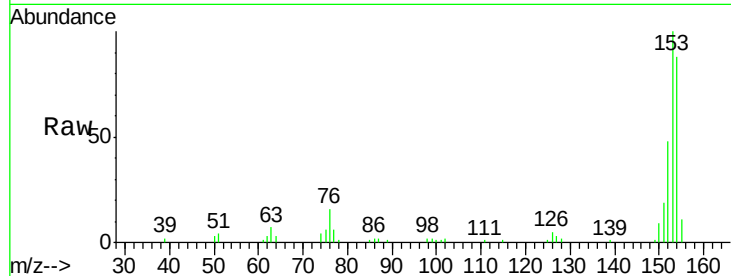
Tgt Ion:153 Resp: 40299

Ion Ratio Lower Upper

153 100

152 47.6 37.9 56.9

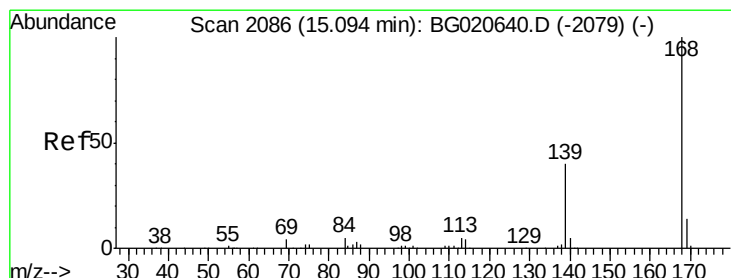
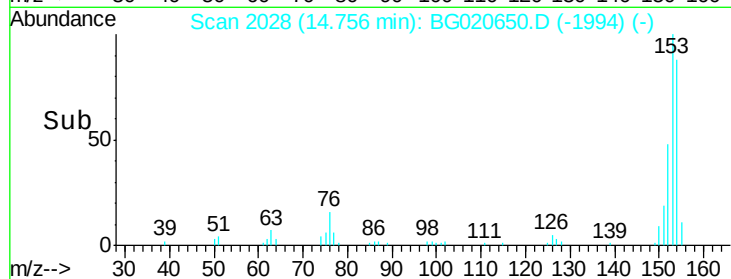
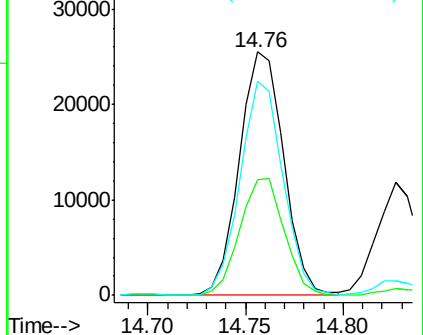
154 88.0 69.8 104.6



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

Dibenzofuran

Concen: 4.46 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG020650.D

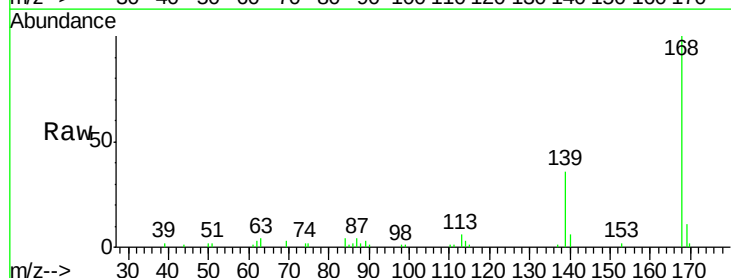
Acq: 31 Dec 2015 20:31

Tgt Ion:168 Resp: 31882

Ion Ratio Lower Upper

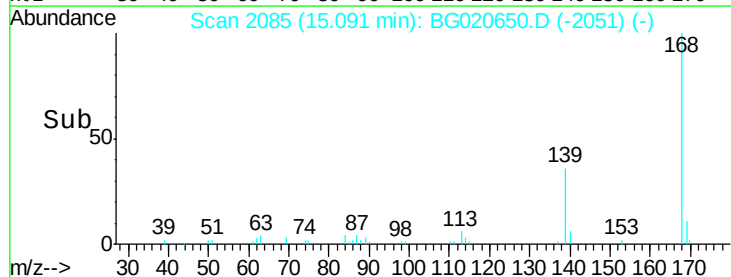
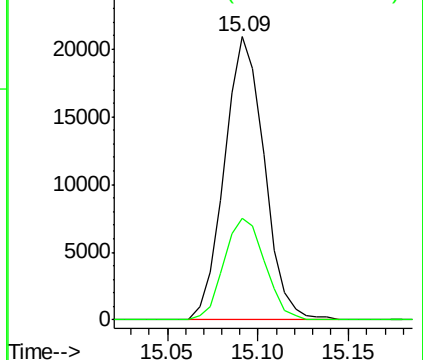
168 100

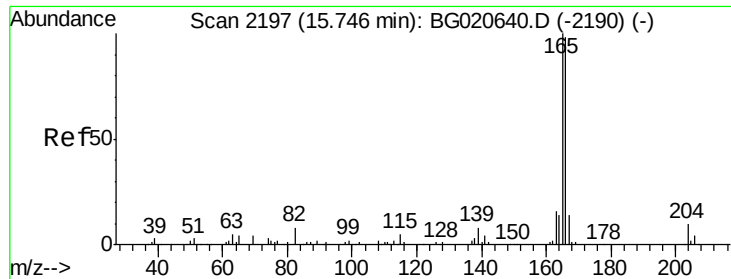
139 35.8 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#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

Instrument :

BNA_G

ClientSampleId :

D9N73DL

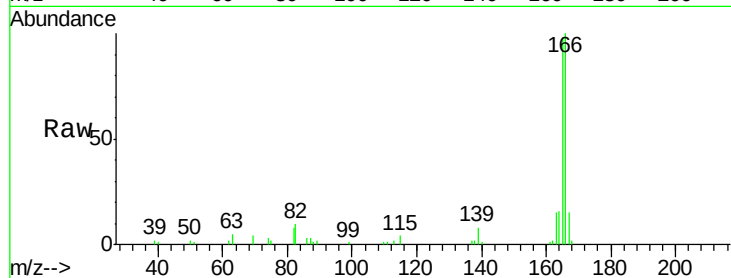
Tgt Ion:166 Resp: 22999

Ion Ratio Lower Upper

166 100

165 98.0 78.4 117.6

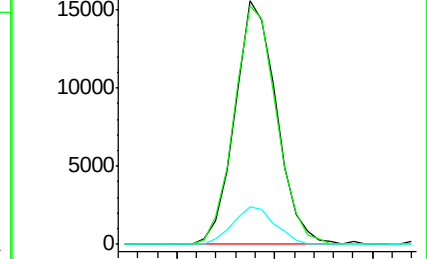
167 15.5 11.1 16.7



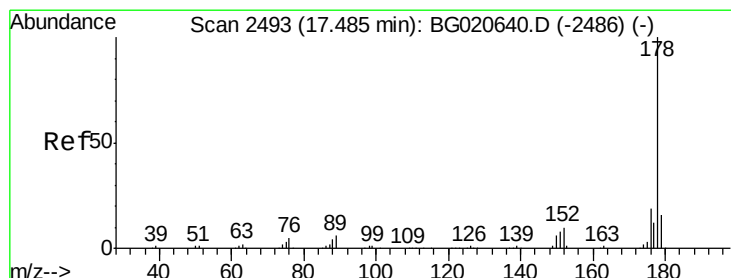
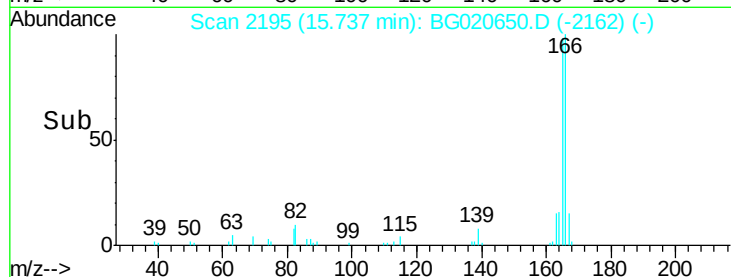
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#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

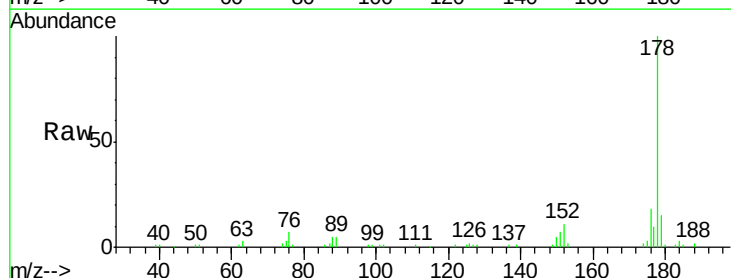
Tgt Ion:178 Resp: 48837

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

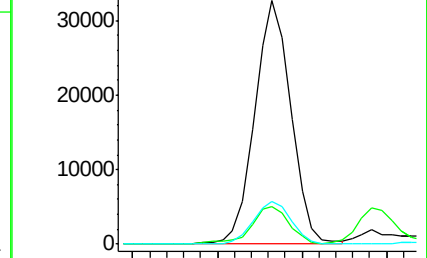
176 17.8 15.4 23.0



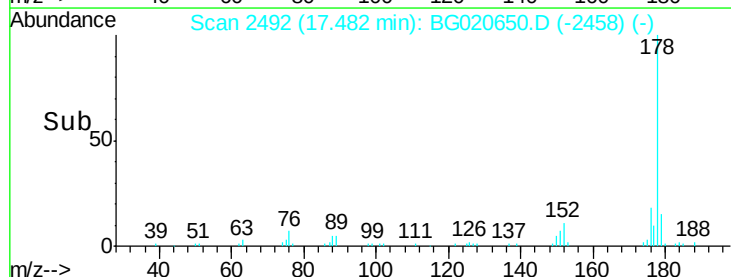
Abundance Ion 178.00 (177.70 to 178.70): E

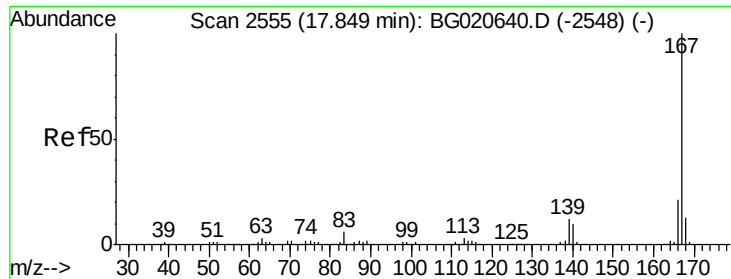
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#75

Carbazole

Concen: 6.29 ng/ul

RT: 17.84 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BG020650.D

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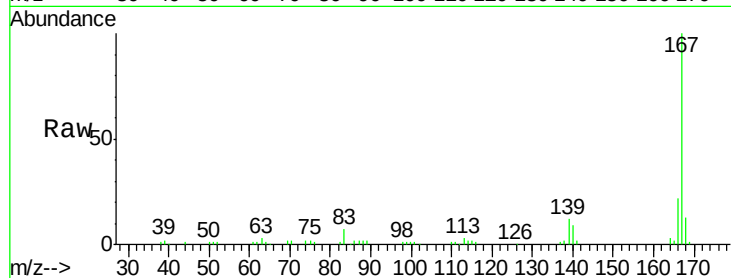
Tgt Ion:167 Resp: 54572

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 12.3 9.1 13.7



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

