

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
 Data File : BG020386.D
 Acq On : 21 Dec 2015 21:03
 Operator : UM/SJ
 Sample : G4768-11DL 100X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N35DL

Quant Time: Dec 22 02:04:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:00:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18366	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	82562	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	53051	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	125270	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	150839	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	113322	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.41	99	210	0.13	ng/ul	0.15
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.62	132	120	0.10	ng/ul	-0.01
13) 4-Methylphenol-d8	0.00	113	0	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	10.53	165	154	0.11	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	1483	0.35	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	2000	0.40	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	1886	0.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.46	188	125270	21.70	ng/ul	-0.10
79) Pyrene-d10	19.84	212	2862	0.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	1567	0.28	ng/ul	-0.01

Target Compounds

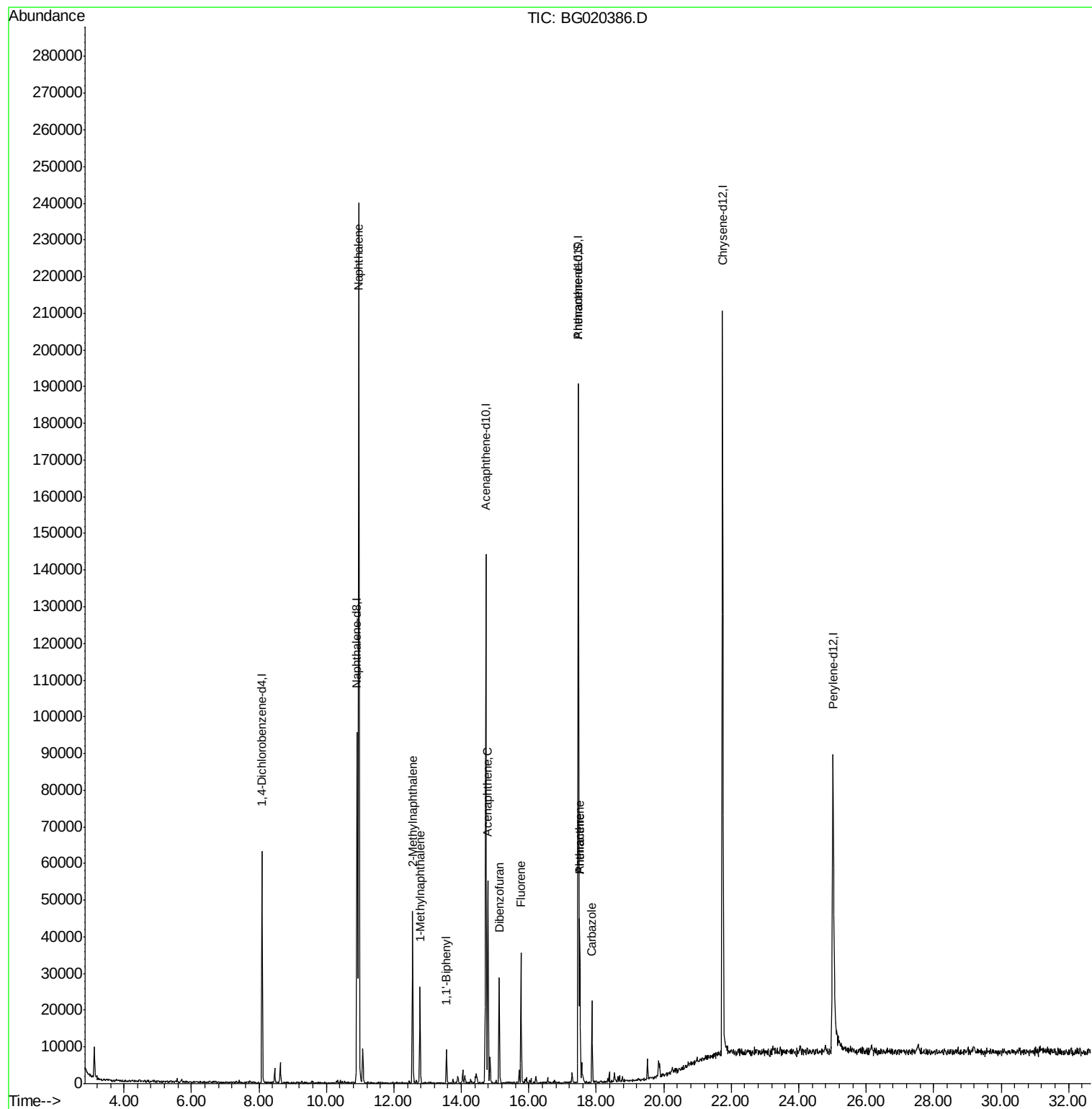
						Qvalue
28) Naphthalene	10.96	128	207708	48.18	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	22465	6.82	ng/ul	94
35) 1-Methylnaphthalene	12.78	142	13041	4.12	ng/ul	90
41) 1,1'-Biphenyl	13.56	154	5855	1.46	ng/ul	93
50) Acenaphthene	14.79	153	24420	6.84	ng/ul	97
54) Dibenzofuran	15.12	168	20645	3.89	ng/ul	96
59) Fluorene	15.77	166	16208	3.80	ng/ul	100
70) Phenanthrene	17.51	178	30689	4.48	ng/ul	99
72) Anthracene	17.51	178	30689	4.42	ng/ul	99
75) Carbazole	17.87	167	17675	3.03	ng/ul	97

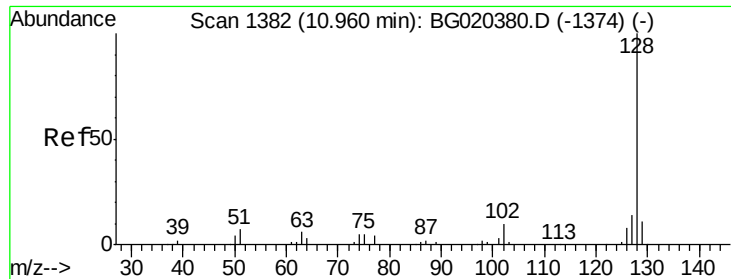
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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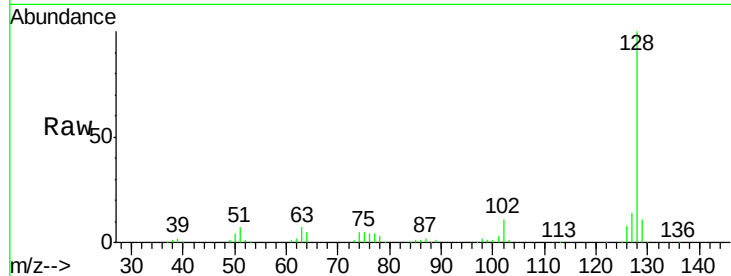




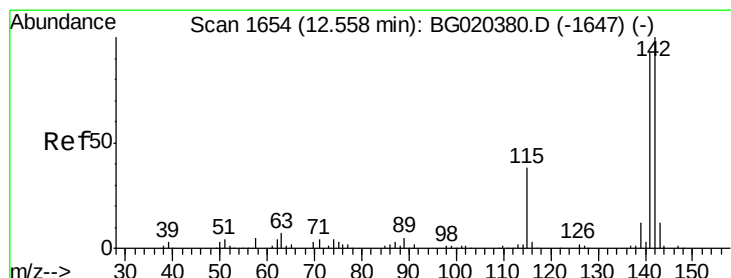
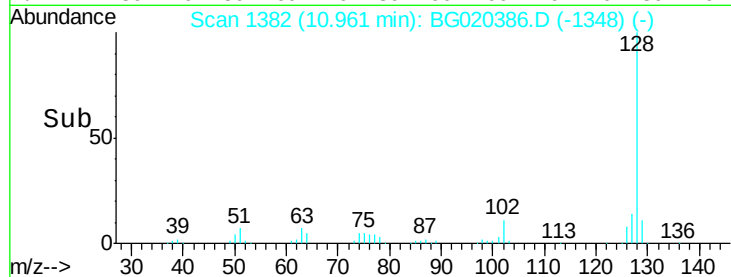
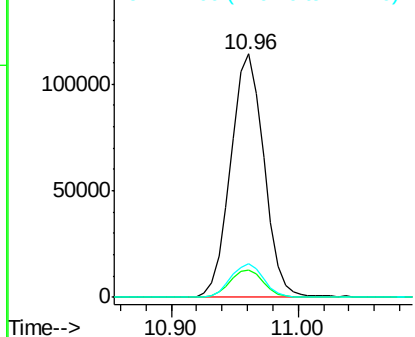
#28
Naphthalene
Concen: 48.18 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG020386.D
Acq: 21 Dec 2015 21:03

Instrument :
BNA_G
ClientSampleId :
D9N35DL

Tgt Ion:128 Resp: 207708
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.1 10.1 15.1

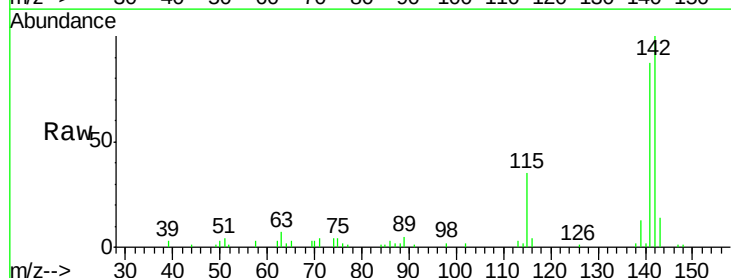


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

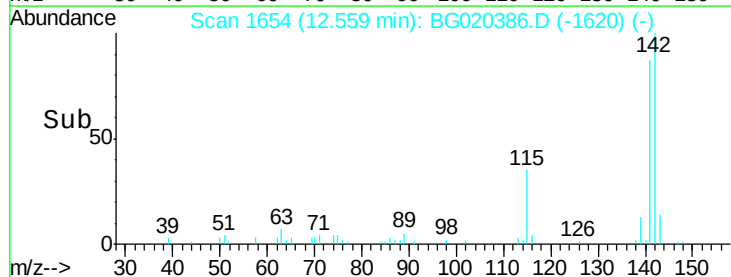
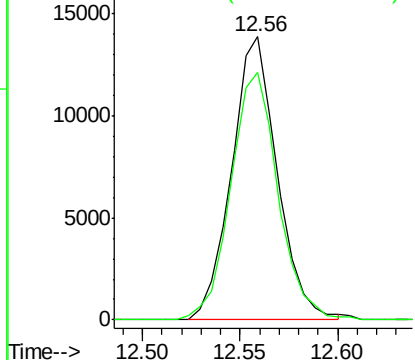


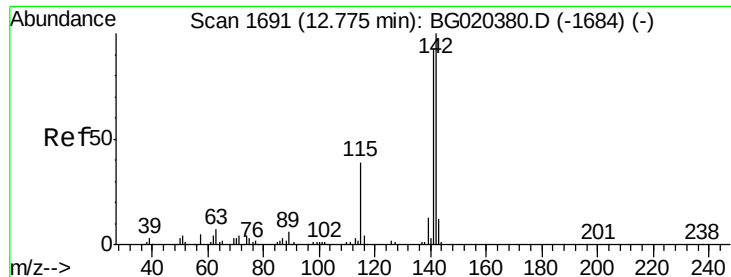
#34
2-Methylnaphthalene
Concen: 6.82 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BG020386.D
Acq: 21 Dec 2015 21:03

Tgt Ion:142 Resp: 22465
Ion Ratio Lower Upper
142 100
141 87.5 74.9 112.3



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

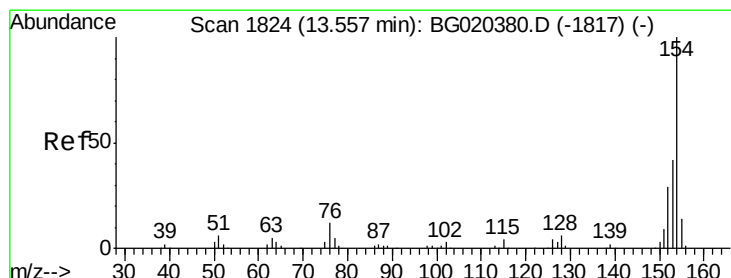
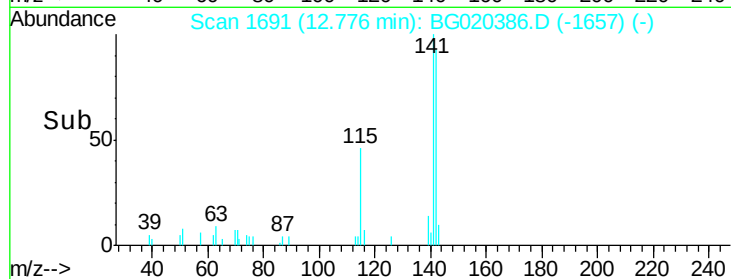
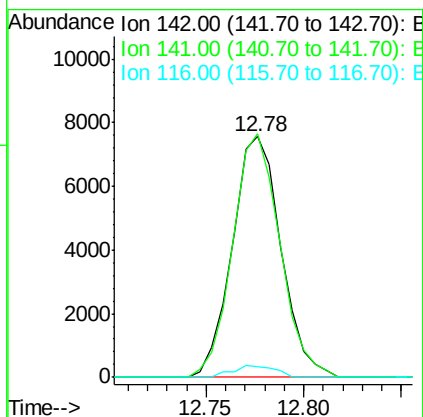
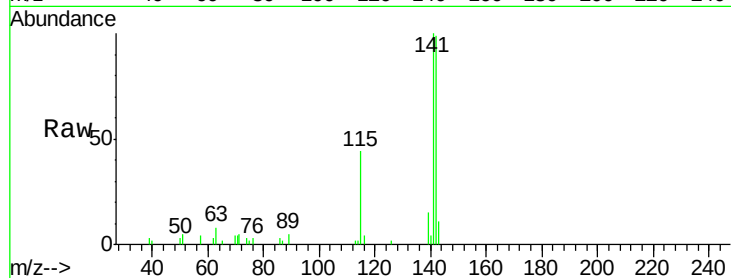




#35
 1-Methylnaphthalene
 Concen: 4.12 ng/ul
 RT: 12.78 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG020386.D
 Acq: 21 Dec 2015 21:03

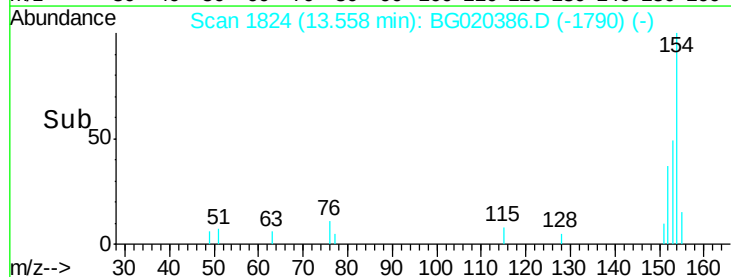
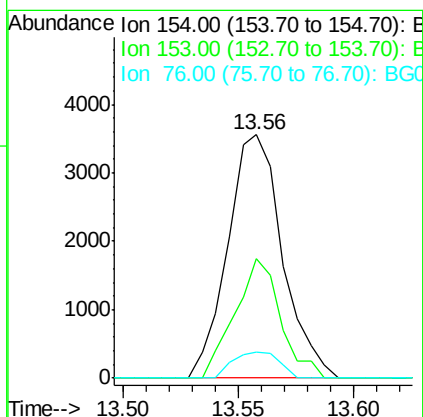
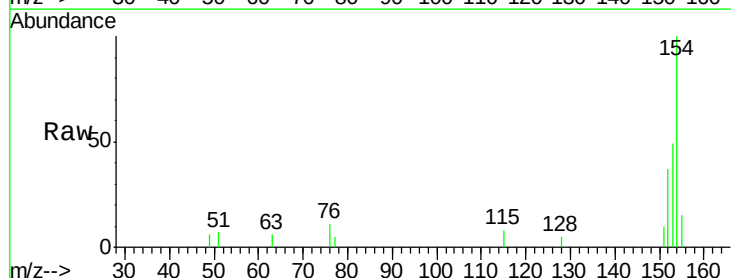
Instrument :
 BNA_G
 ClientSampleId :
 D9N35DL

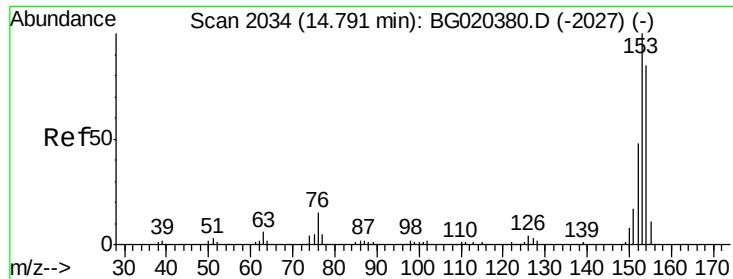
Tgt Ion:142 Resp: 13041
 Ion Ratio Lower Upper
 142 100
 141 101.3 73.0 109.6
 116 4.4 3.0 4.6



#41
 1,1'-Biphenyl
 Concen: 1.46 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG020386.D
 Acq: 21 Dec 2015 21:03

Tgt Ion:154 Resp: 5855
 Ion Ratio Lower Upper
 154 100
 153 49.2 35.5 53.3
 76 10.7 10.4 15.6





#50

Acenaphthene

Concen: 6.84 ng/ul

RT: 14.79 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG020386.D

Acq: 21 Dec 2015 21:03

Instrument :

BNA_G

ClientSampleId :

D9N35DL

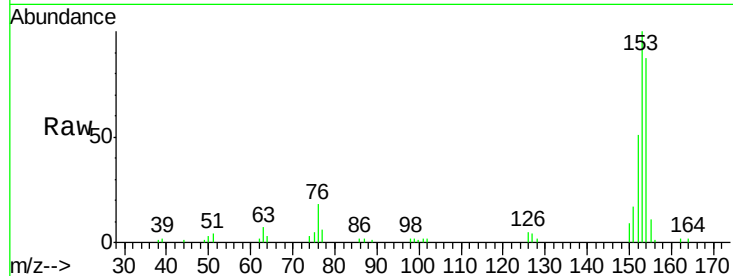
Tgt Ion:153 Resp: 24420

Ion Ratio Lower Upper

153 100

152 50.7 37.6 56.4

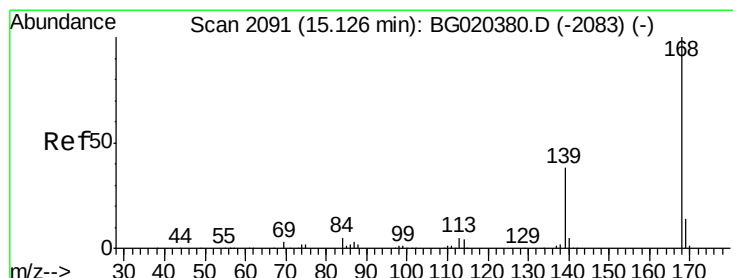
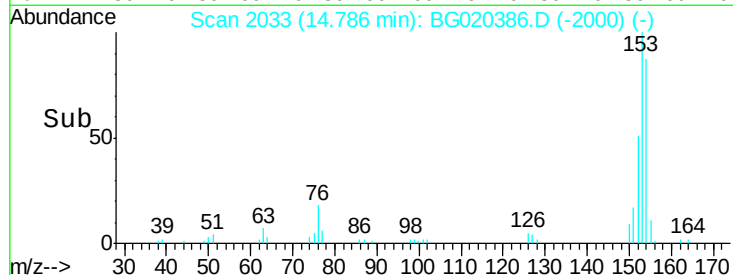
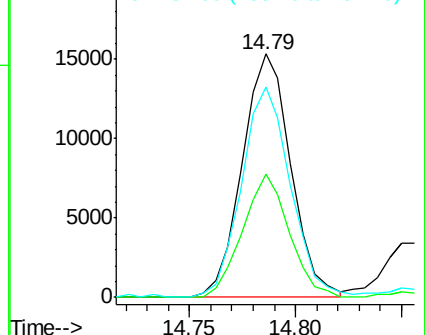
154 86.5 67.9 101.9



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: 3.89 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG020386.D

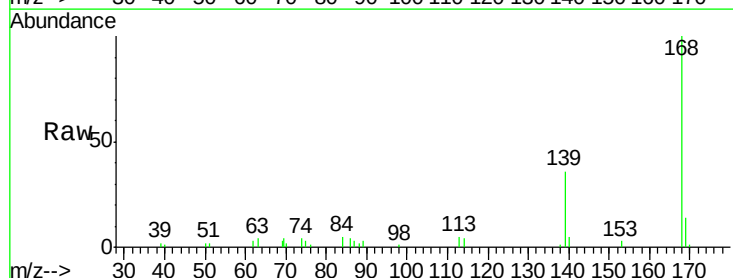
Acq: 21 Dec 2015 21:03

Tgt Ion:168 Resp: 20645

Ion Ratio Lower Upper

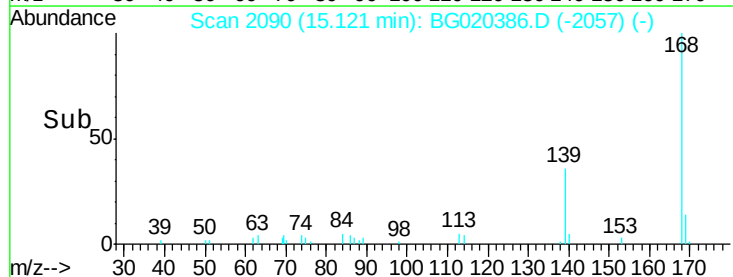
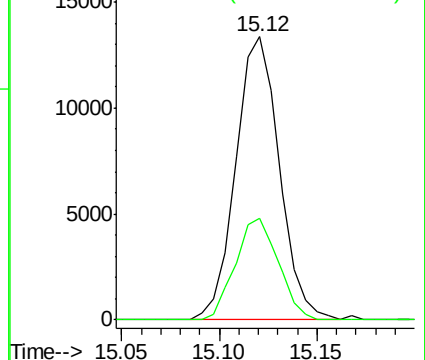
168 100

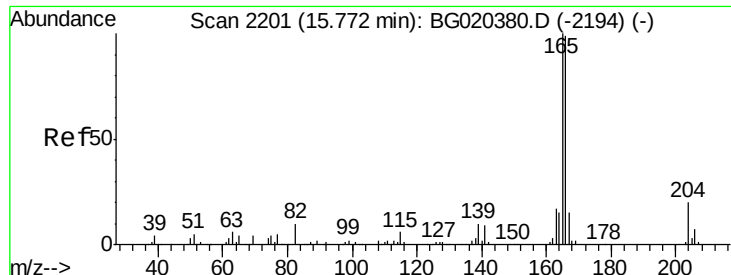
139 35.8 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 3.80 ng/ul

RT: 15.77 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG020386.D

Acq: 21 Dec 2015 21:03

Instrument :

BNA_G

ClientSampleId :

D9N35DL

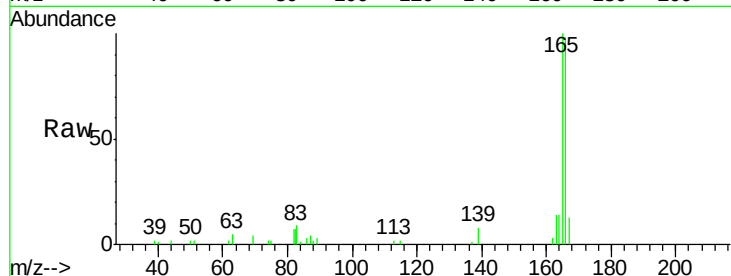
Tgt Ion:166 Resp: 16208

Ion Ratio Lower Upper

166 100

165 101.8 81.4 122.0

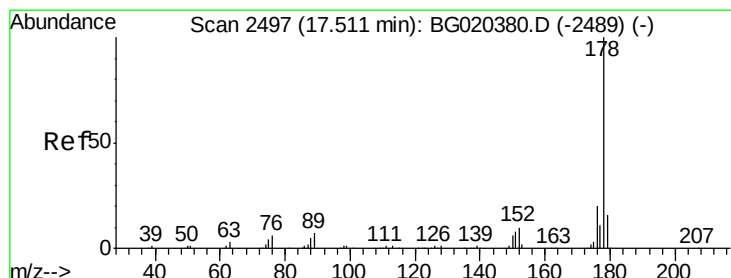
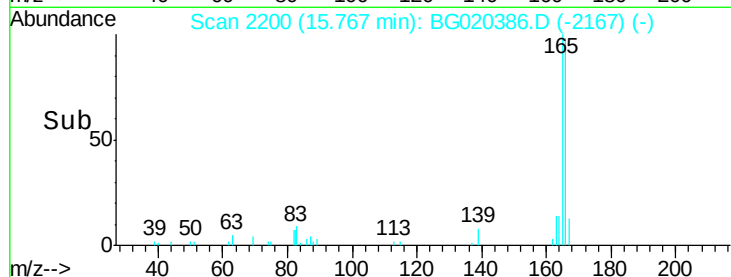
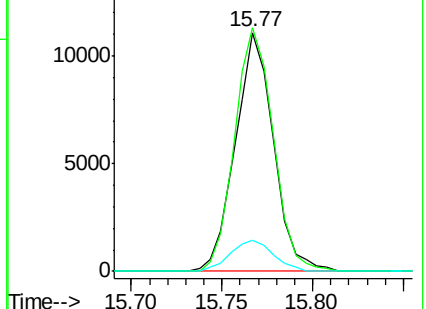
167 13.1 11.2 16.8



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: 4.48 ng/ul

RT: 17.51 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG020386.D

Acq: 21 Dec 2015 21:03

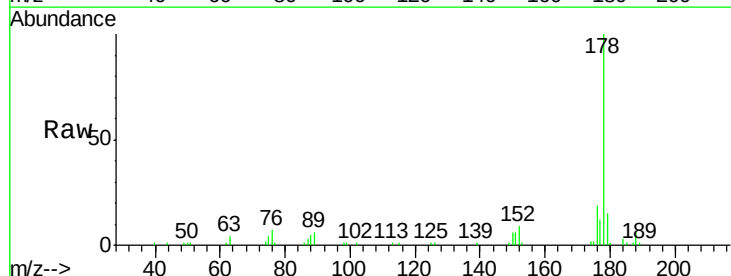
Tgt Ion:178 Resp: 30689

Ion Ratio Lower Upper

178 100

179 15.2 12.9 19.3

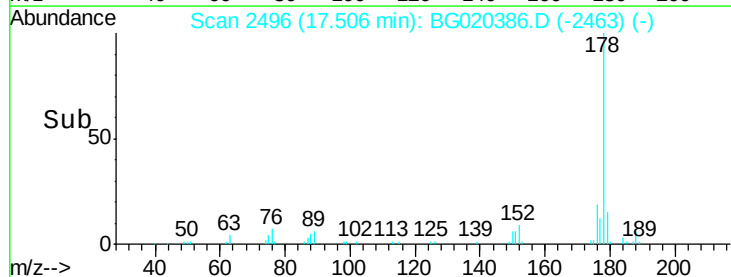
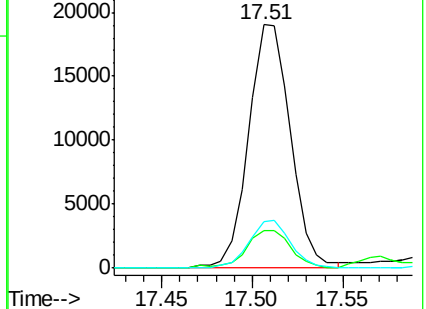
176 18.8 15.3 22.9

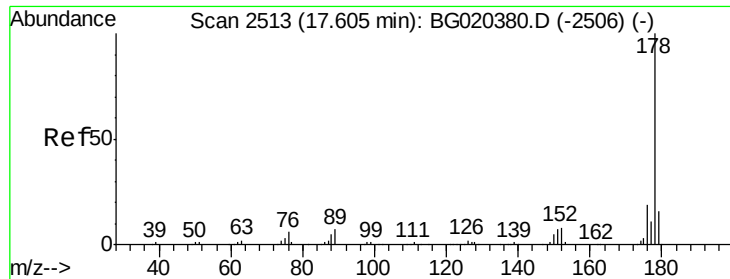


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.42 ng/ul

RT: 17.51 min Scan# 2496

Delta R.T. -0.10 min

Lab File: BG020386.D

Acq: 21 Dec 2015 21:03

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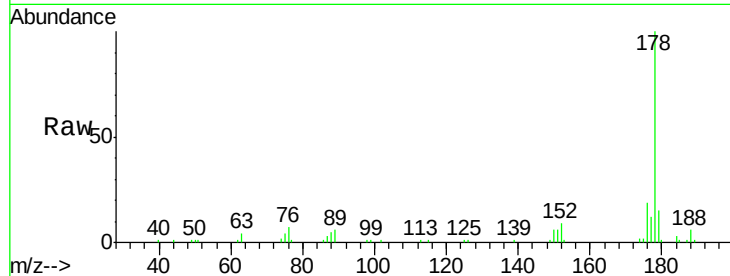
Tgt Ion:178 Resp: 30689

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

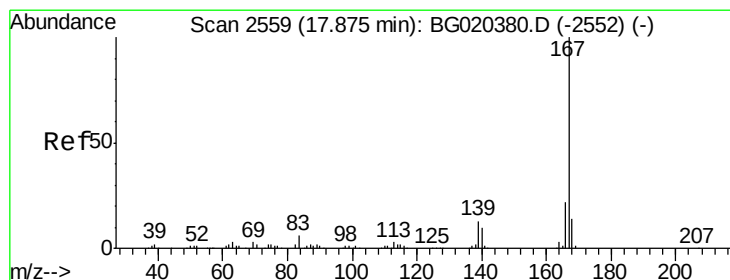
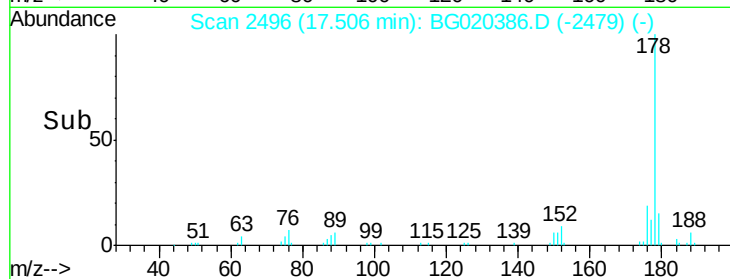
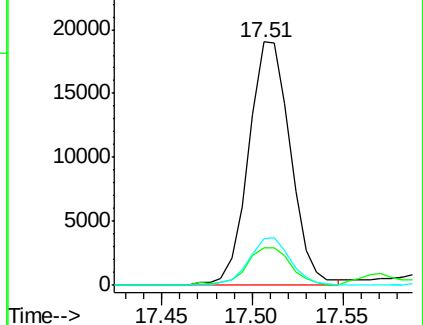
176 18.8 14.3 21.5



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: 3.03 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020386.D

Acq: 21 Dec 2015 21:03

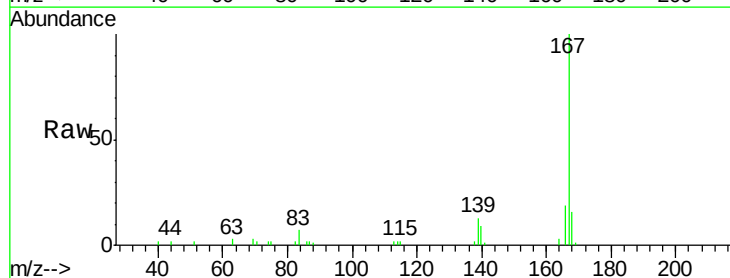
Tgt Ion:167 Resp: 17675

Ion Ratio Lower Upper

167 100

166 19.1 17.0 25.6

139 12.7 10.1 15.1



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

