

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
 Data File : BG020577.D
 Acq On : 28 Dec 2015 23:46
 Operator : UM/SJ
 Sample : G4846-19DL 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N65DL

Quant Time: Dec 29 05:09:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 29 05:04:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	14286	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	59770	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	47407	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	131581	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	171106	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	160361	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.40	99	371	0.32	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	7.39	67	408	0.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	270	0.31	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	9.25	128	123	0.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	147	0.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	453	0.44	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	4209	1.08	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	4420	0.98	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	3871	1.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.45	188	131581	21.35	ng/ul	-0.10
79) Pyrene-d10	19.84	212	8559	1.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	8543	1.05	ng/ul	-0.01

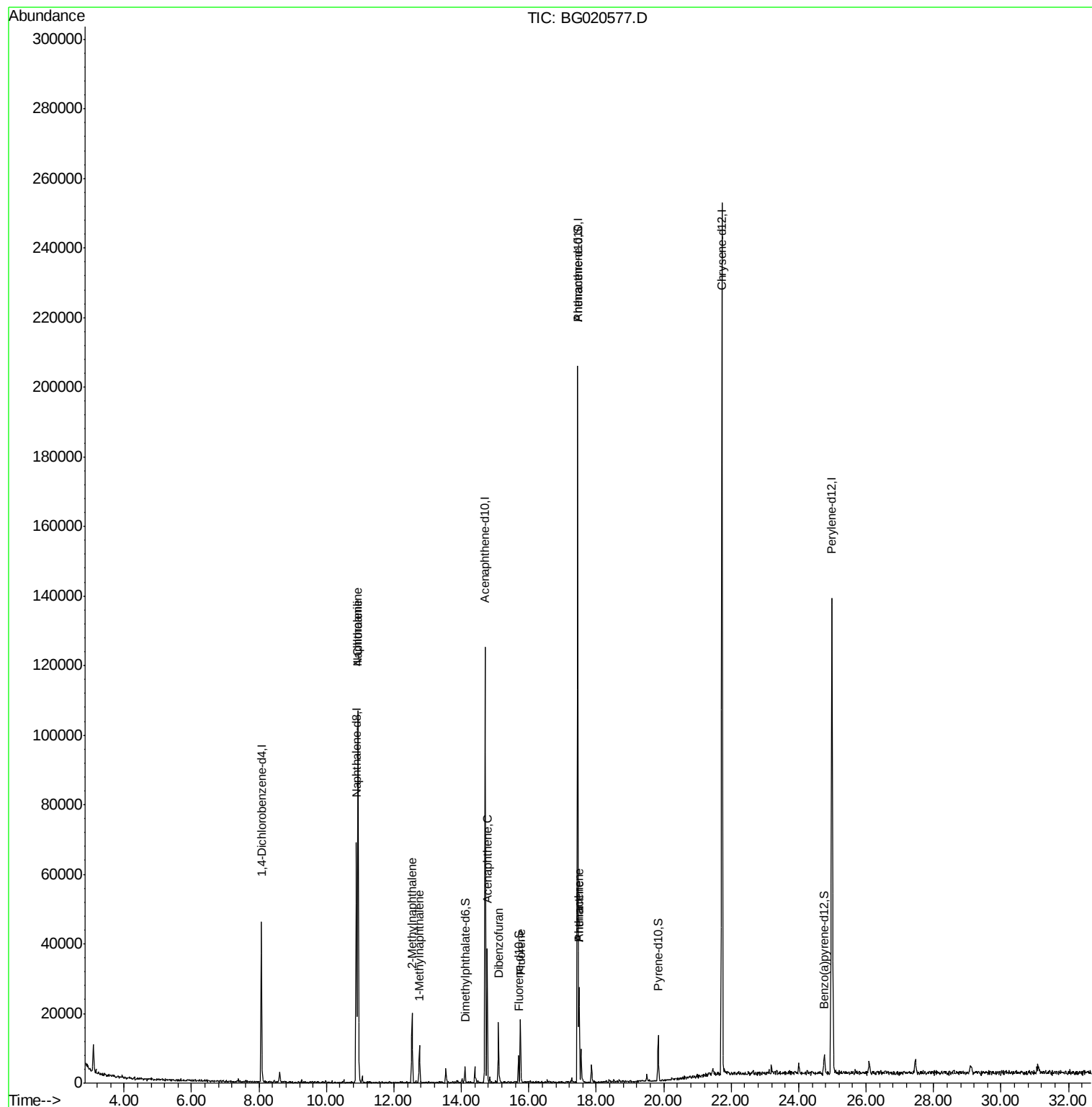
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.93	128	94929	29.88	ng/ul	98
30) 4-Chloroaniline	10.93	127	13013	10.96	ng/ul#	5
34) 2-Methylnaphthalene	12.54	142	11244	4.78	ng/ul	99
35) 1-Methylnaphthalene	12.76	142	6594	2.95	ng/ul#	94
50) Acenaphthene	14.77	153	17313	5.38	ng/ul	98
54) Dibenzofuran	15.10	168	13746	2.87	ng/ul	99
59) Fluorene	15.75	166	9556	2.46	ng/ul	99
70) Phenanthrene	17.49	178	18720	2.56	ng/ul	98
72) Anthracene	17.49	178	18720	2.50	ng/ul	98

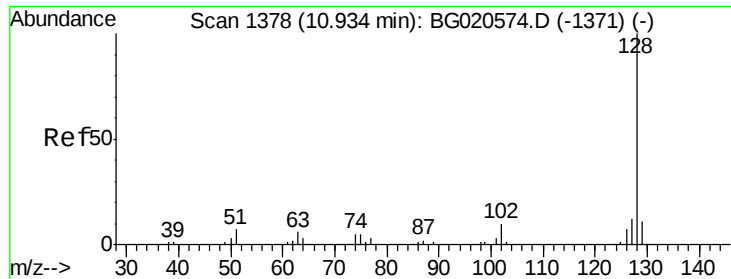
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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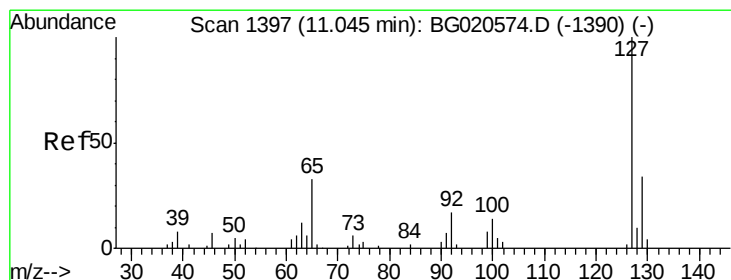
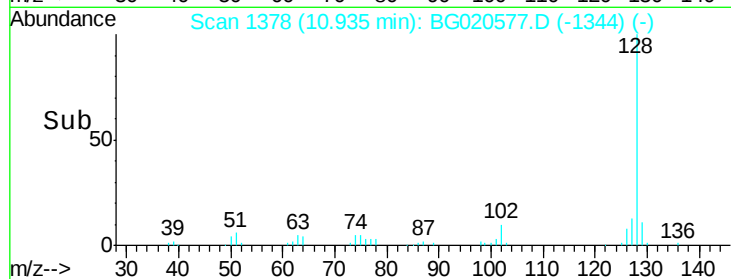
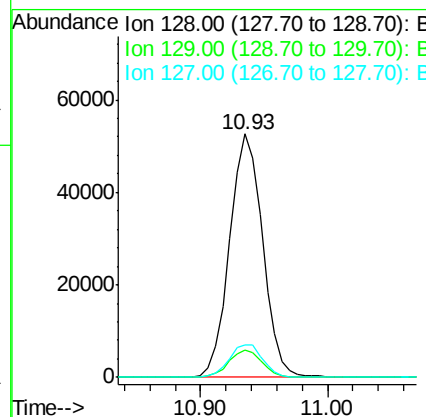
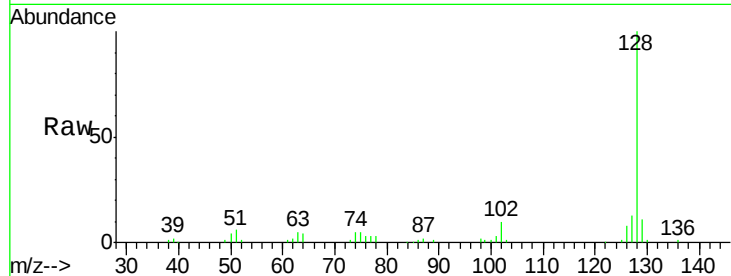




#28
Naphthalene
Concen: 29.88 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020577.D
Acq: 28 Dec 2015 23:46

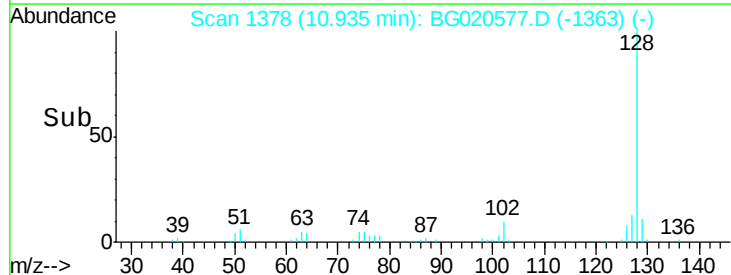
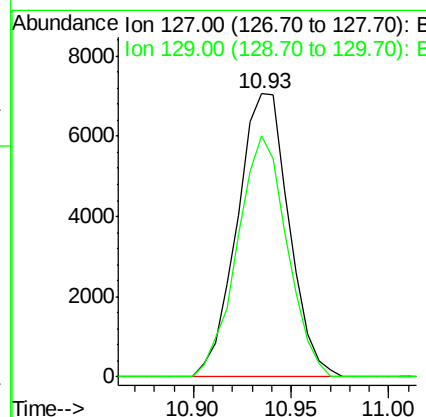
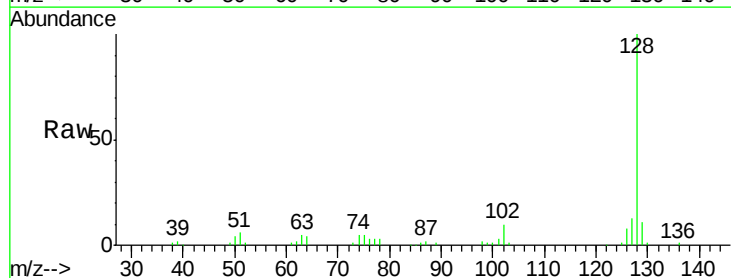
Instrument :
BNA_G
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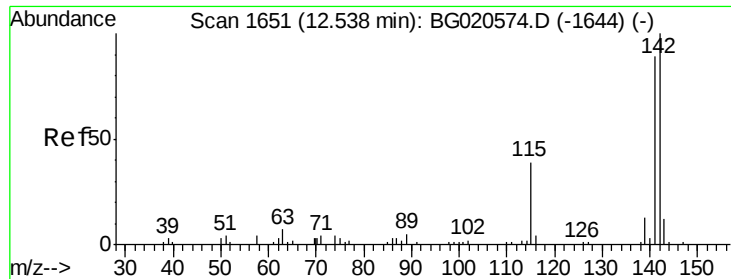
Tgt Ion:128 Resp: 94929
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.4 10.1 15.1



#30
4-Chloroaniline
Concen: 10.96 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020577.D
Acq: 28 Dec 2015 23:46

Tgt Ion:127 Resp: 13013
Ion Ratio Lower Upper
127 100
129 85.3 25.7 38.5#

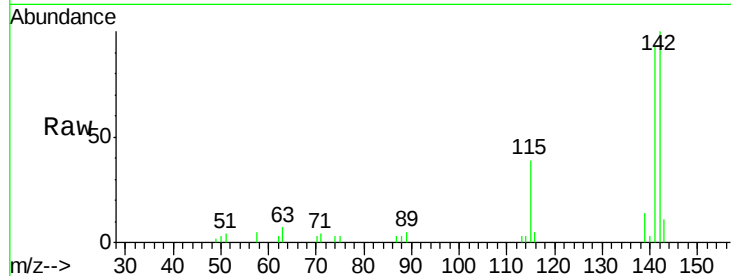




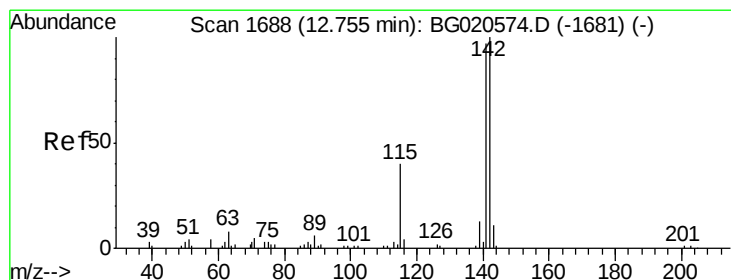
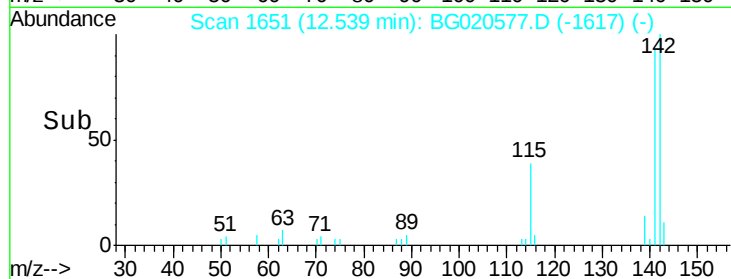
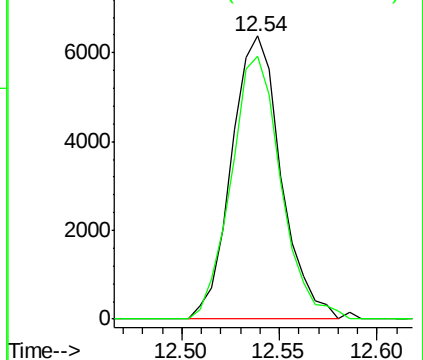
#34
2-Methylnaphthalene
Concen: 4.78 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BG020577.D
Acq: 28 Dec 2015 23:46

Instrument :
BNA_G
ClientSampleId :
D9N65DL

Tgt Ion:142 Resp: 11244
Ion Ratio Lower Upper
142 100
141 93.0 74.9 112.3

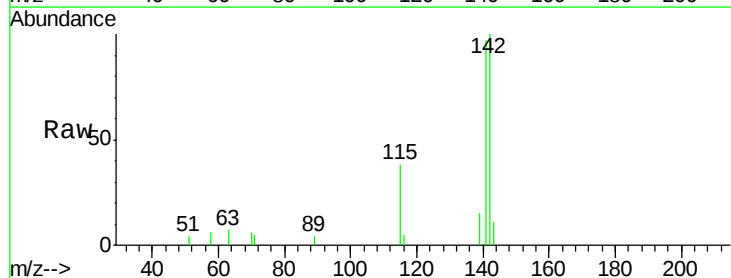


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

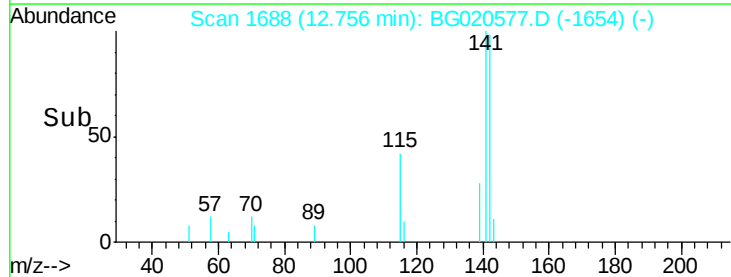
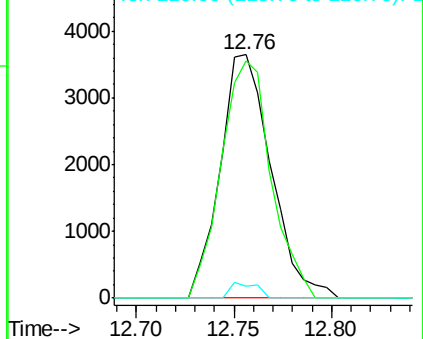


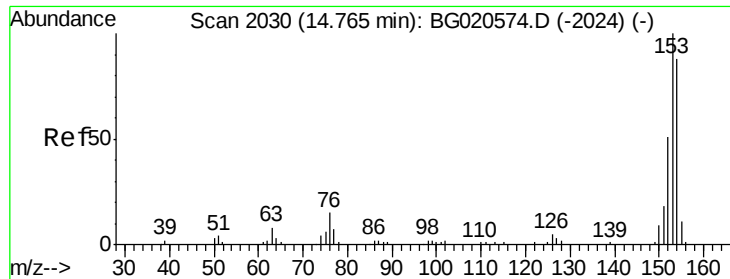
#35
1-Methylnaphthalene
Concen: 2.95 ng/ul
RT: 12.76 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BG020577.D
Acq: 28 Dec 2015 23:46

Tgt Ion:142 Resp: 6594
Ion Ratio Lower Upper
142 100
141 97.3 73.0 109.6
116 5.1 3.0 4.6#



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





#50

Acenaphthene

Concen: 5.38 ng/ul

RT: 14.77 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG020577.D

Acq: 28 Dec 2015 23:46

Instrument :

BNA_G

ClientSampleId :

D9N65DL

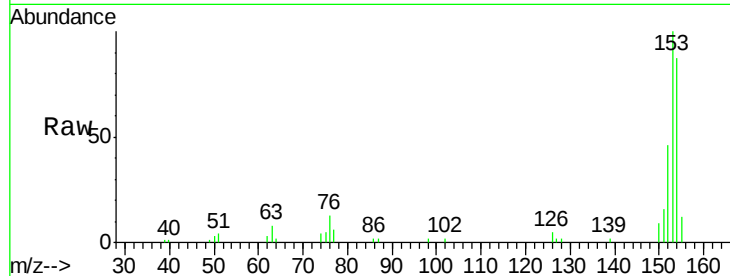
Tgt Ion:153 Resp: 17313

Ion Ratio Lower Upper

153 100

152 45.6 37.6 56.4

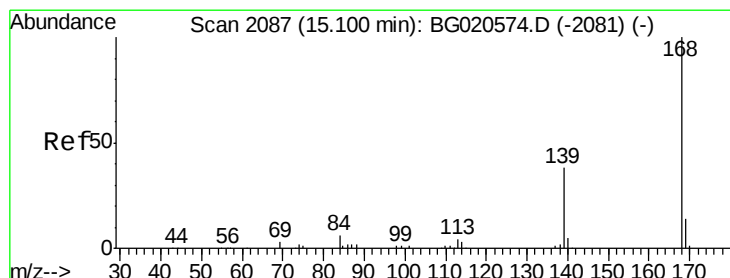
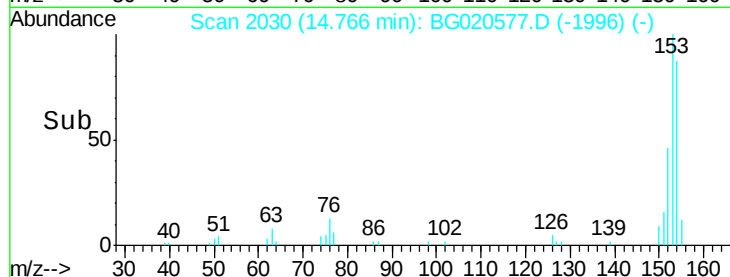
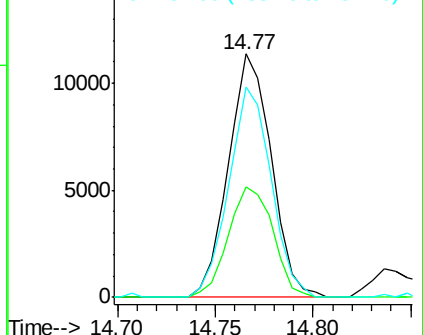
154 86.6 67.9 101.9



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: 2.87 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG020577.D

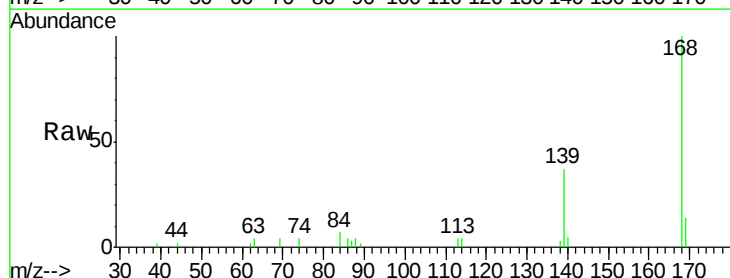
Acq: 28 Dec 2015 23:46

Tgt Ion:168 Resp: 13746

Ion Ratio Lower Upper

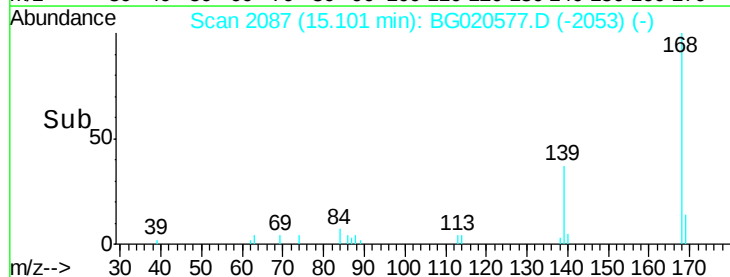
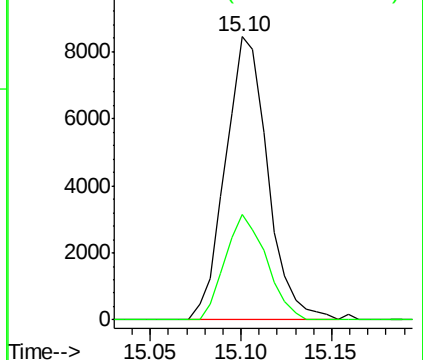
168 100

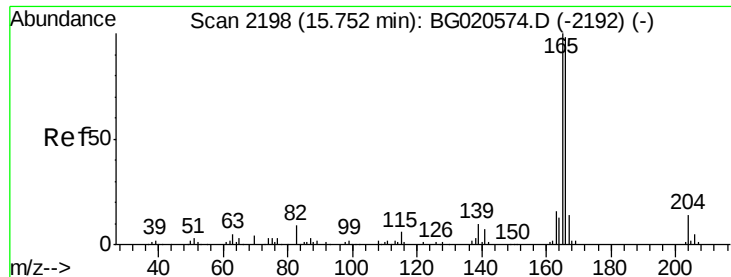
139 37.5 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 2.46 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020577.D

Acq: 28 Dec 2015 23:46

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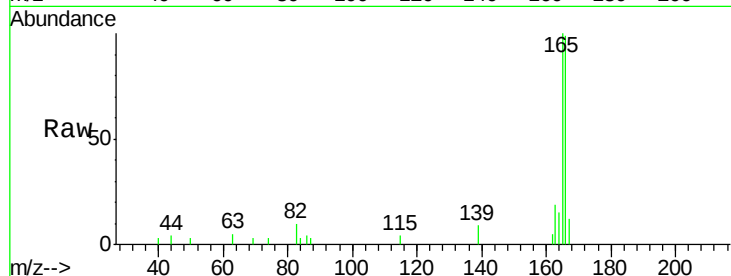
Tgt Ion:166 Resp: 9556

Ion Ratio Lower Upper

166 100

165 101.3 81.4 122.0

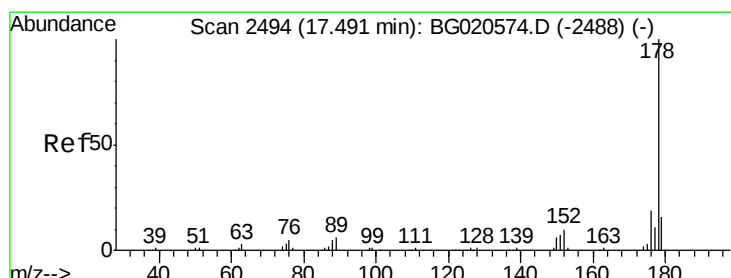
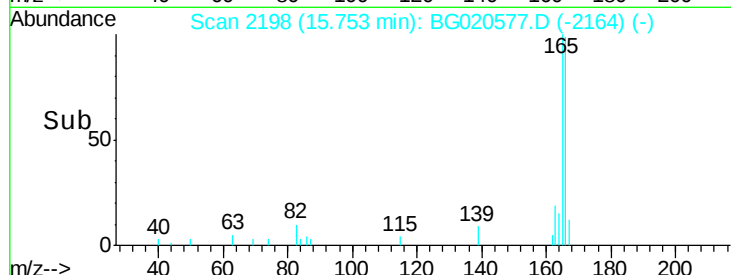
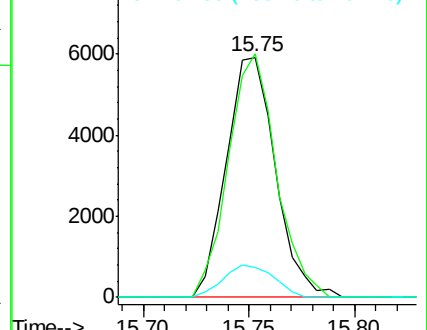
167 12.4 11.2 16.8



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: 2.56 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. 0.00 min

Lab File: BG020577.D

Acq: 28 Dec 2015 23:46

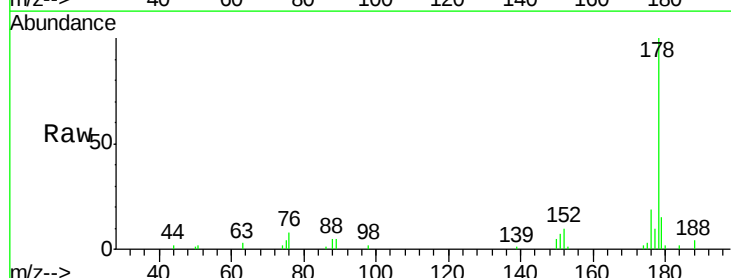
Tgt Ion:178 Resp: 18720

Ion Ratio Lower Upper

178 100

179 14.7 12.9 19.3

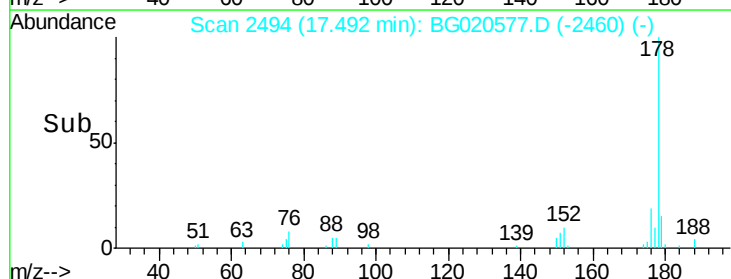
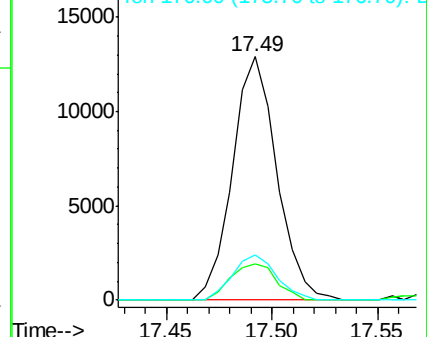
176 18.6 15.3 22.9

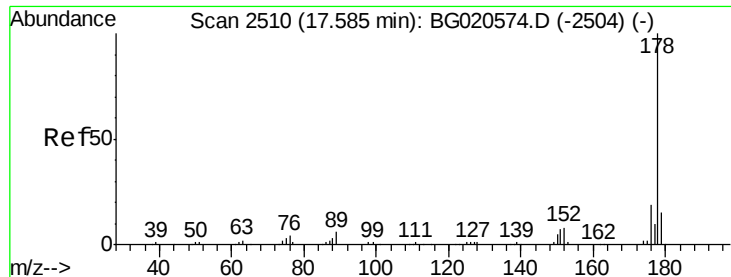


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.50 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.09 min

Lab File: BG020577.D

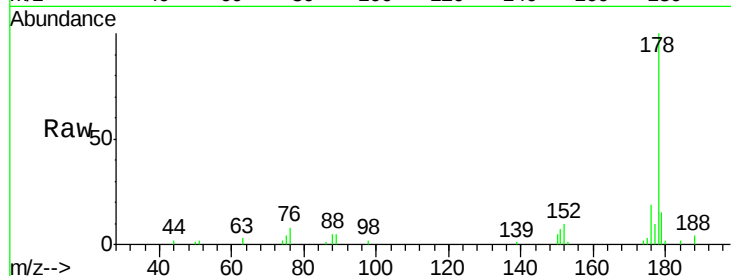
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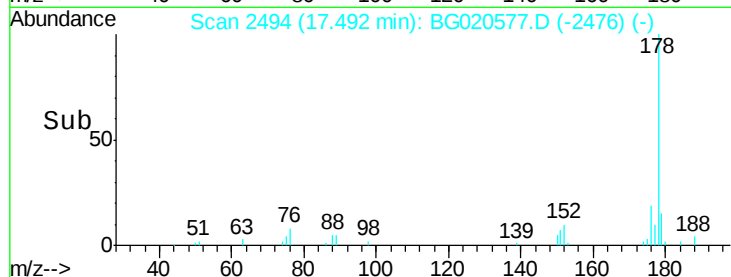
Tgt Ion:178 Resp: 18720

Ion Ratio Lower Upper

178 100

179 14.7 12.3 18.5

176 18.6 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

