

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
 Data File : BG020569.D
 Acq On : 28 Dec 2015 17:55
 Operator : UM/SJ
 Sample : G4846-12DL 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N59DL

Quant Time: Dec 29 02:59:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 29 02:56:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	11693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	50660	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	40503	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	123003	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	165341	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	156917	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	7.40	99	271	0.29	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	7.39	67	225	0.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	210	0.29	ng/ul	0.00
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	10.52	165	143	0.16	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	2749	0.82	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	2597	0.67	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	2639	0.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	5364	0.93	ng/ul	0.00
79) Pyrene-d10	19.83	212	5977	0.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	6322	0.80	ng/ul	0.00

Target Compounds

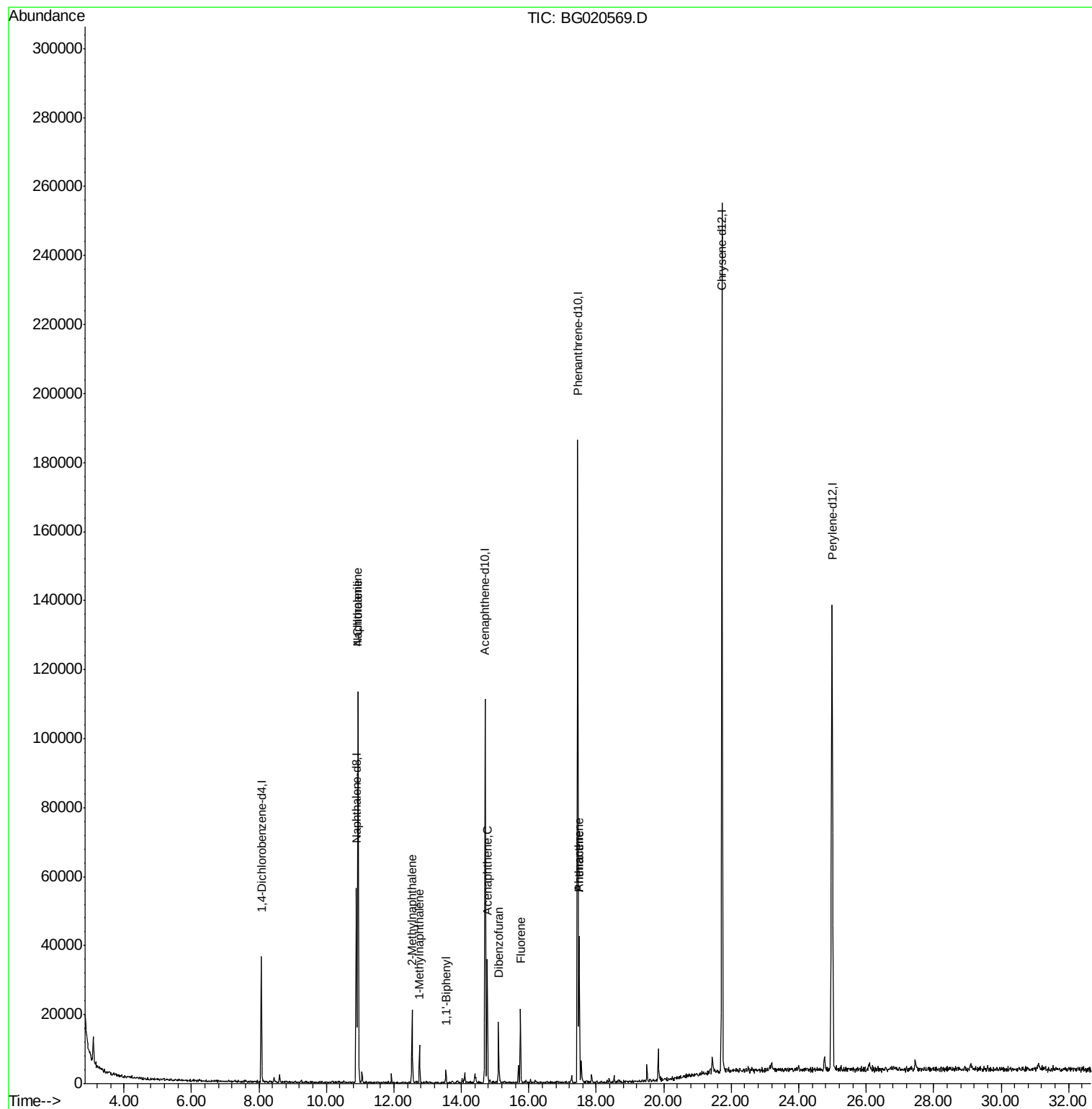
						Qvalue
28) Naphthalene	10.94	128	97490	36.20	ng/ul	97
30) 4-Chloroaniline	10.94	127	13701	13.61	ng/ul#	16
34) 2-Methylnaphthalene	12.53	142	11102	5.57	ng/ul	99
35) 1-Methylnaphthalene	12.75	142	6427	3.40	ng/ul#	91
41) 1,1'-Biphenyl	13.55	154	3156	1.01	ng/ul#	88
50) Acenaphthene	14.77	153	15896	5.78	ng/ul	98
54) Dibenzofuran	15.10	168	12918	3.16	ng/ul	100
59) Fluorene	15.75	166	11222	3.39	ng/ul#	96
70) Phenanthrene	17.49	178	28478	4.16	ng/ul	97
72) Anthracene	17.49	178	28478	4.07	ng/ul	98

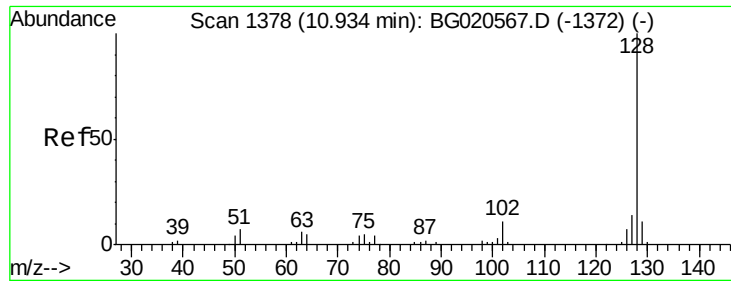
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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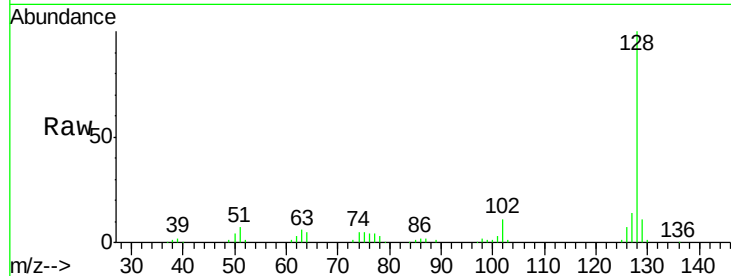




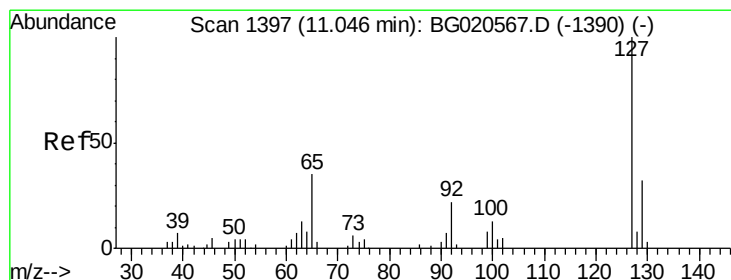
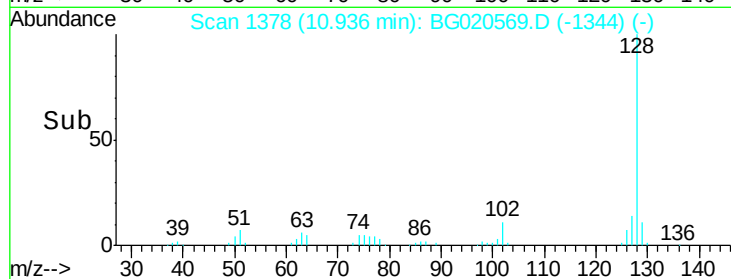
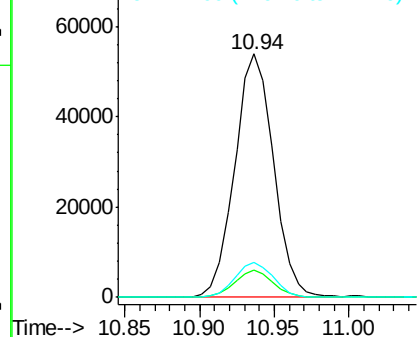
#28
Naphthalene
Concen: 36.20 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020569.D
Acq: 28 Dec 2015 17:55

Instrument :
BNA_G
ClientSampleId :
D9N59DL

Tgt Ion:128 Resp: 97490
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.5 10.1 15.1

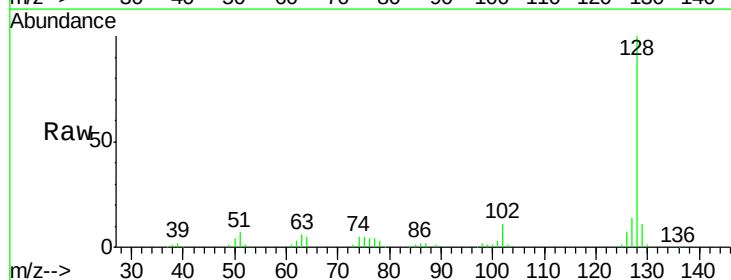


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

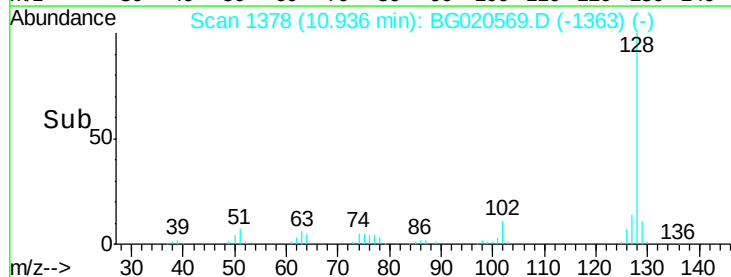
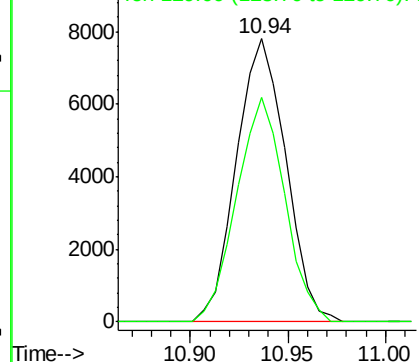


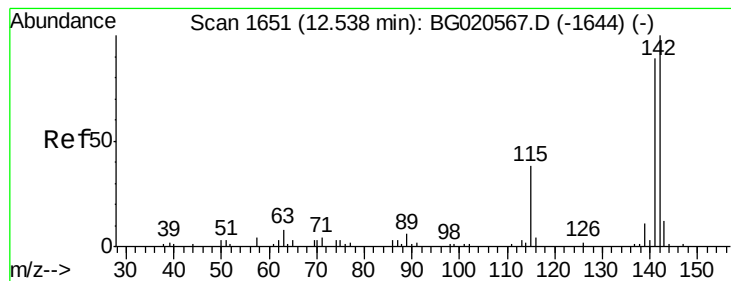
#30
4-Chloroaniline
Concen: 13.61 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020569.D
Acq: 28 Dec 2015 17:55

Tgt Ion:127 Resp: 13701
Ion Ratio Lower Upper
127 100
129 79.2 25.7 38.5#



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





#34

2-Methylnaphthalene

Concen: 5.57 ng/ul

RT: 12.53 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG020569.D

Acq: 28 Dec 2015 17:55

Instrument :

BNA_G

ClientSampleId :

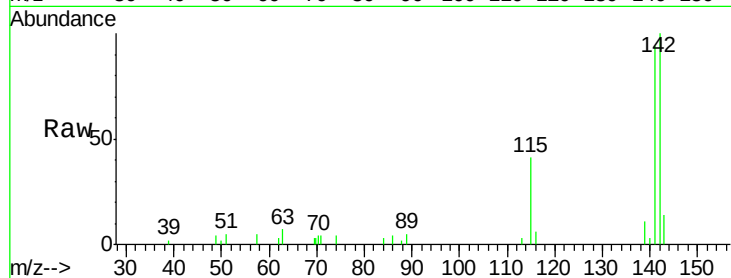
D9N59DL

Tgt Ion:142 Resp: 11102

Ion Ratio Lower Upper

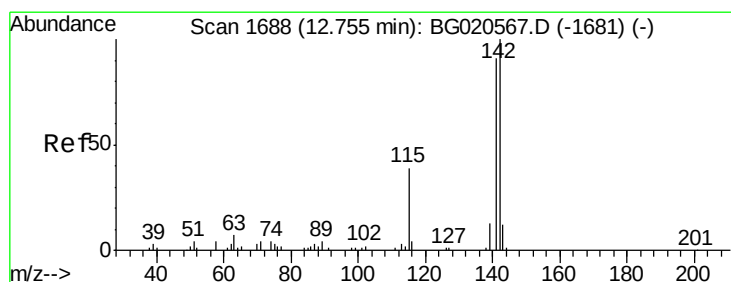
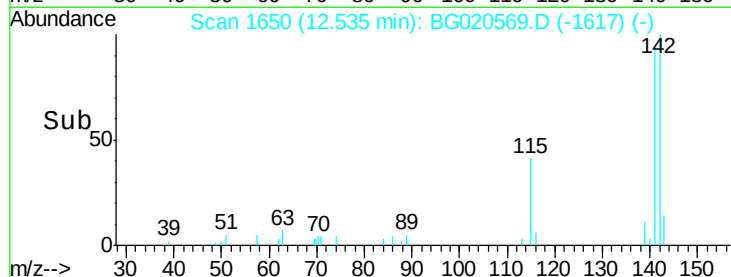
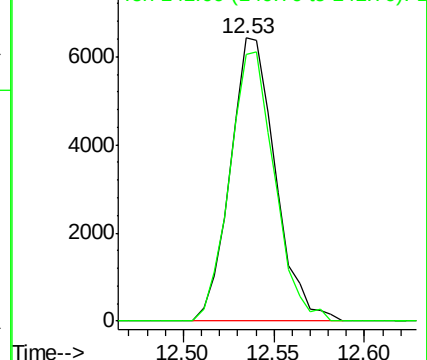
142 100

141 94.3 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: 3.40 ng/ul

RT: 12.75 min Scan# 1687

Delta R.T. -0.00 min

Lab File: BG020569.D

Acq: 28 Dec 2015 17:55

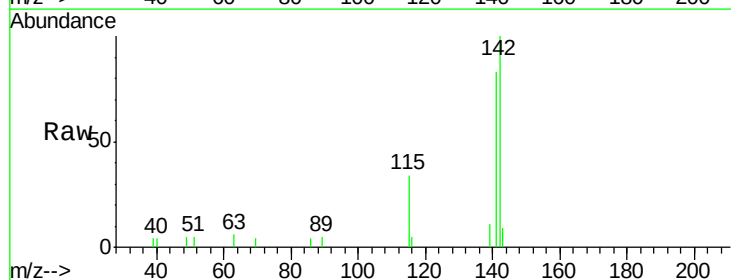
Tgt Ion:142 Resp: 6427

Ion Ratio Lower Upper

142 100

141 83.0 73.0 109.6

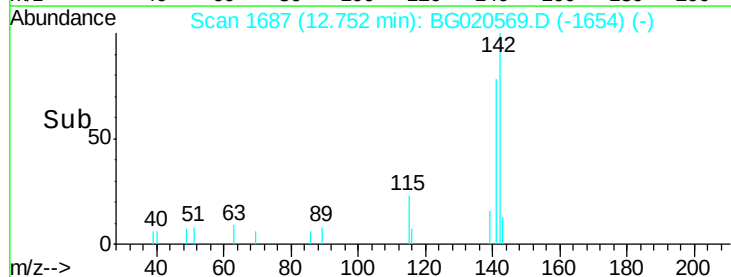
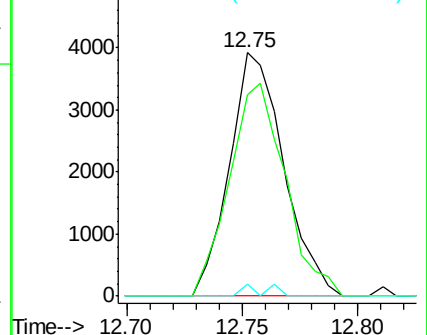
116 4.7 3.0 4.6#

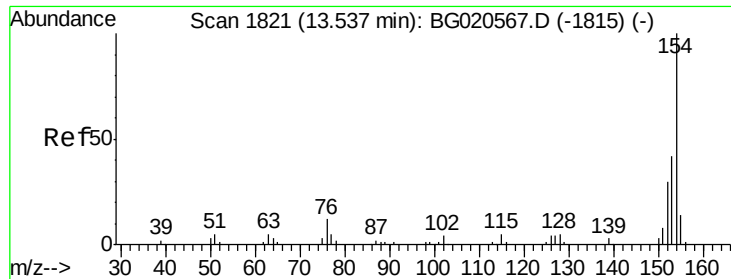


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

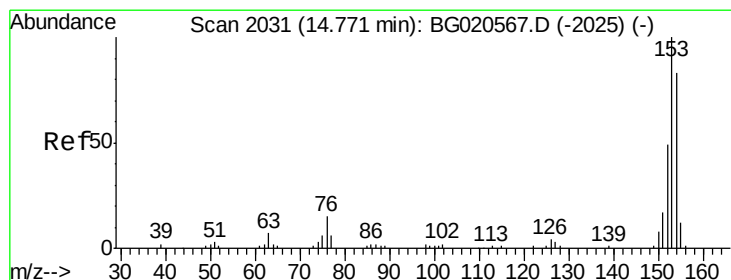
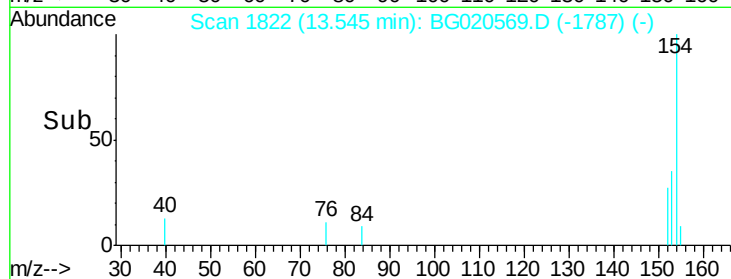
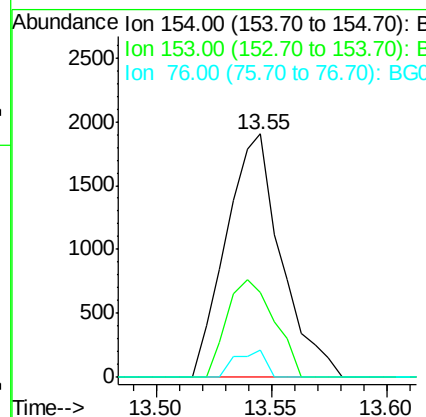
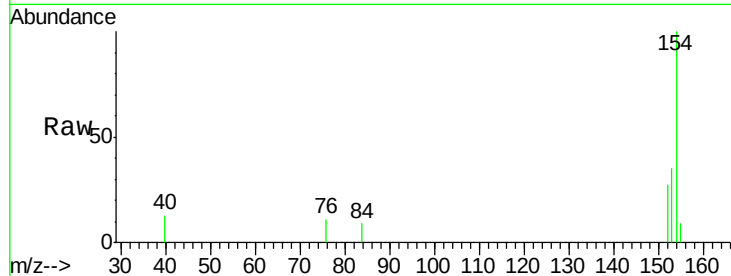




#41
 1,1'-Biphenyl
 Concen: 1.01 ng/ul
 RT: 13.55 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG020569.D
 Acq: 28 Dec 2015 17:55

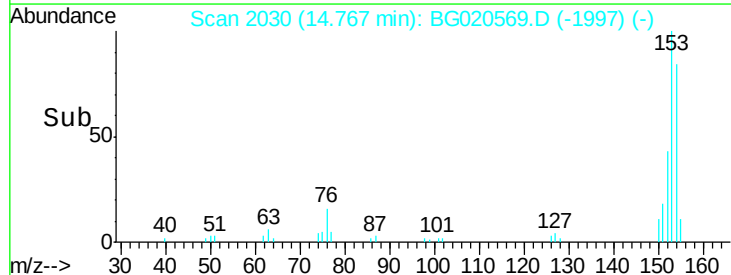
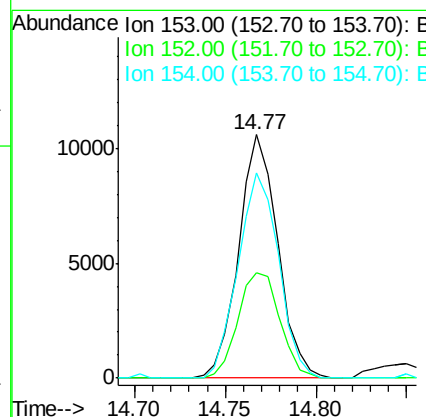
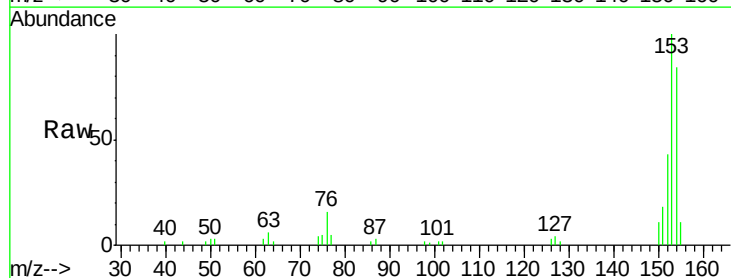
Instrument :
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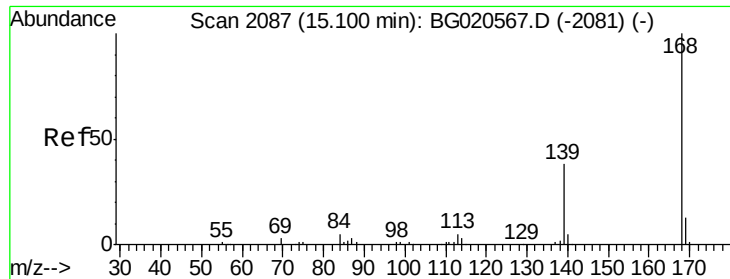
Tgt Ion:154 Resp: 3156
 Ion Ratio Lower Upper
 154 100
 153 35.1 35.5 53.3#
 76 11.3 10.4 15.6



#50
 Acenaphthene
 Concen: 5.78 ng/ul
 RT: 14.77 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BG020569.D
 Acq: 28 Dec 2015 17:55

Tgt Ion:153 Resp: 15896
 Ion Ratio Lower Upper
 153 100
 152 43.4 37.6 56.4
 154 84.1 67.9 101.9





#54

Dibenzenofuran

Concen: 3.16 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG020569.D

Acq: 28 Dec 2015 17:55

Instrument :

BNA_G

ClientSampleId :

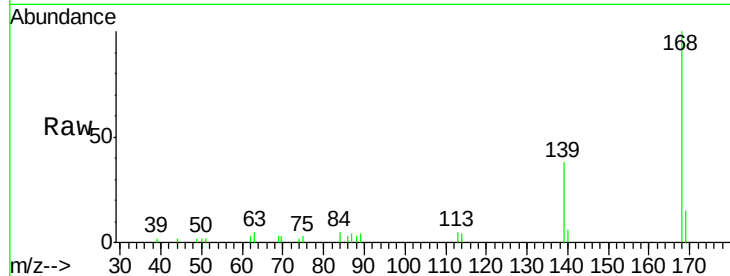
D9N59DL

Tgt Ion:168 Resp: 12918

Ion Ratio Lower Upper

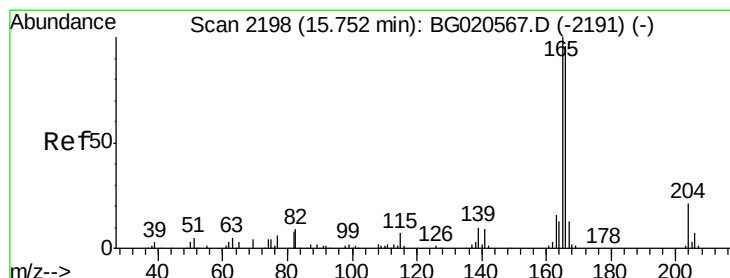
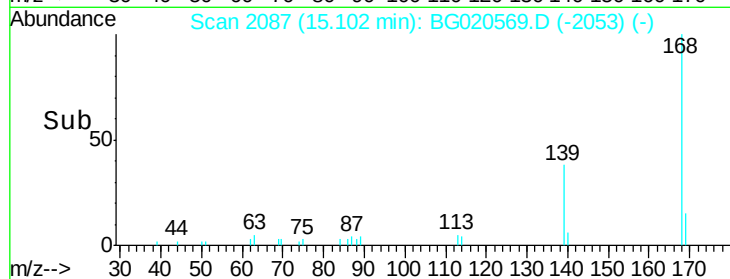
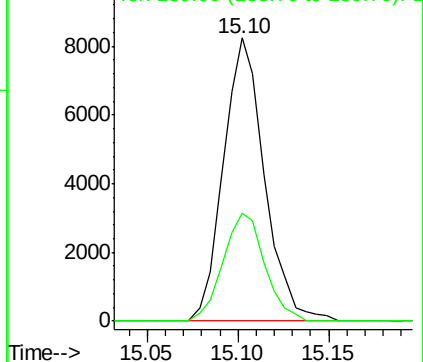
168 100

139 38.2 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: 3.39 ng/ul

RT: 15.75 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG020569.D

Acq: 28 Dec 2015 17:55

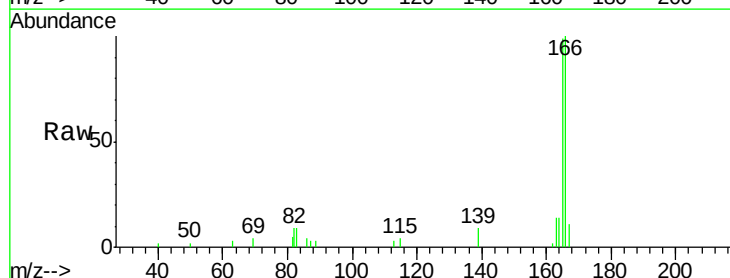
Tgt Ion:166 Resp: 11222

Ion Ratio Lower Upper

166 100

165 98.7 81.4 122.0

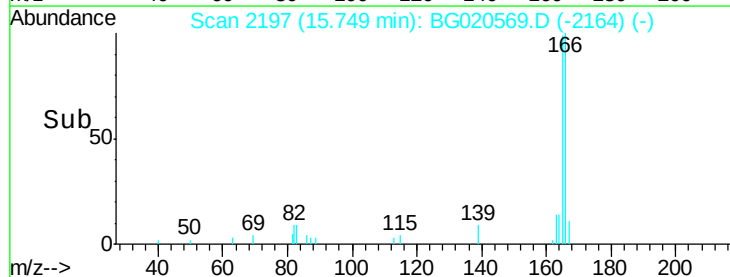
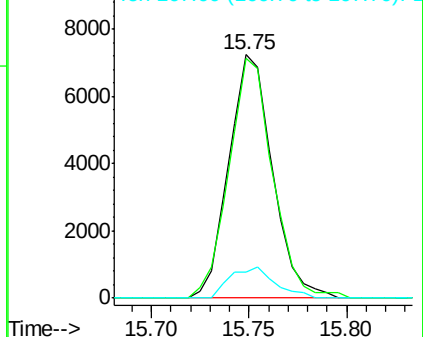
167 10.7 11.2 16.8#

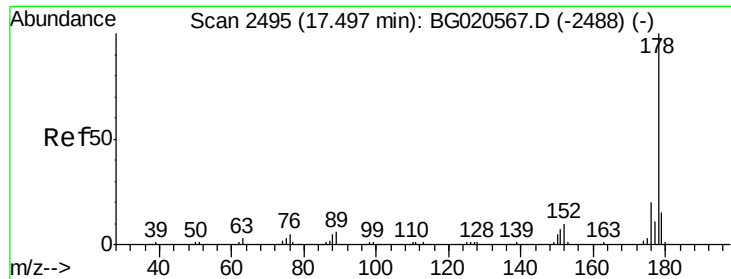


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 4.16 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG020569.D

Acq: 28 Dec 2015 17:55

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ClientSampleId :

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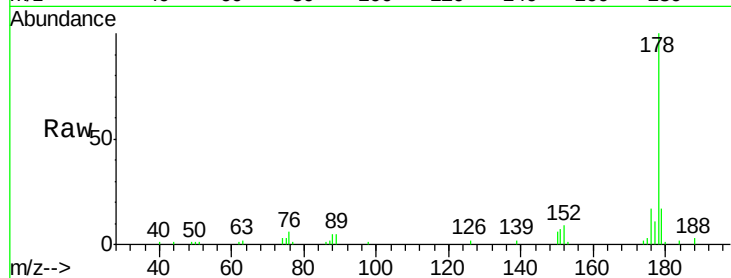
Tgt Ion:178 Resp: 28478

Ion Ratio Lower Upper

178 100

179 16.5 12.9 19.3

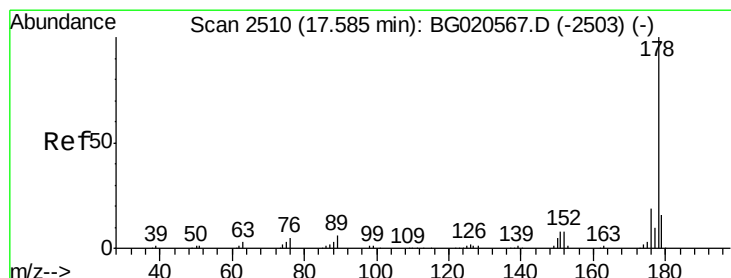
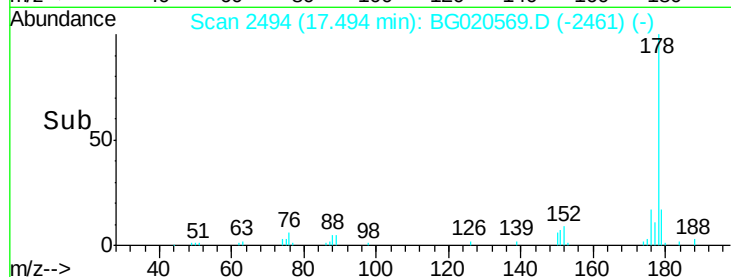
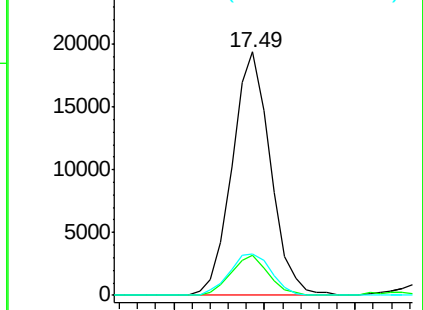
176 17.0 15.3 22.9



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: 4.07 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.09 min

Lab File: BG020569.D

Acq: 28 Dec 2015 17:55

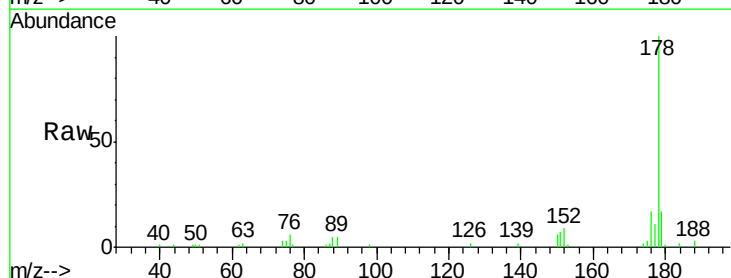
Tgt Ion:178 Resp: 28478

Ion Ratio Lower Upper

178 100

179 16.5 12.3 18.5

176 17.0 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

