

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
 Data File : BG020568.D
 Acq On : 28 Dec 2015 17:16
 Operator : UM/SJ
 Sample : G4846-11DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N57DL

Quant Time: Dec 29 02:58:43 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	12848	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	54024	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	43237	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	133336	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	168027	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	162317	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	7.23	99	1364	1.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	3705	6.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	4145	5.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	2838	3.27	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	2517	5.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	3012	6.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	5318	5.71	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	26274	7.37	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	27766	6.73	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	24037	7.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	2511	2.84	ng/ul	0.00
71) Anthracene-d10	17.55	188	43221	6.92	ng/ul	0.00
79) Pyrene-d10	19.84	212	54458	7.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	56207	6.85	ng/ul	0.00

Target Compounds

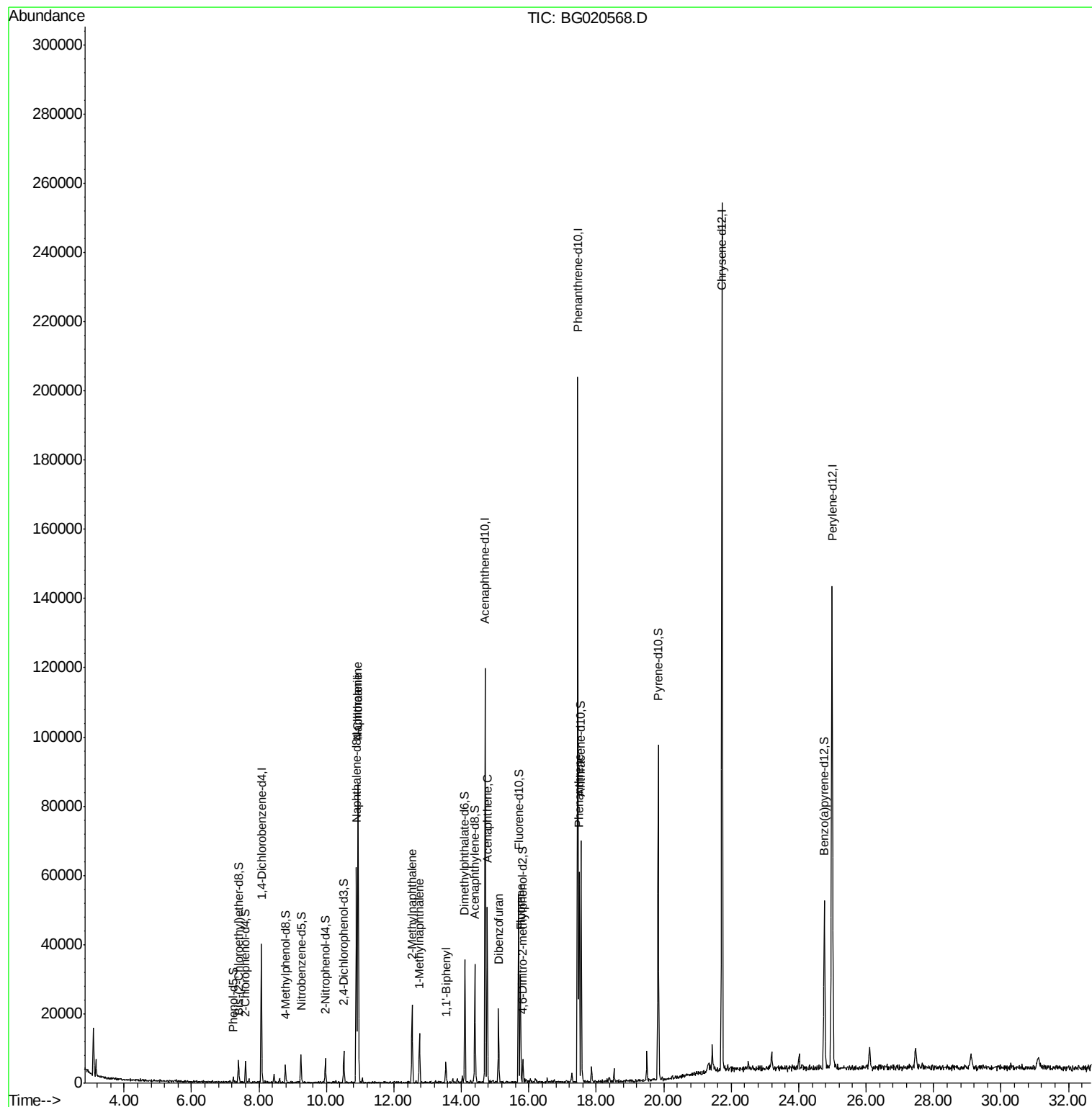
					Qvalue
28) Naphthalene	10.93	128	78018	27.17 ng/ul	98
30) 4-Chloroaniline	10.93	127	10296	9.59 ng/ul#	24
34) 2-Methylnaphthalene	12.54	142	12099	5.69 ng/ul	93
35) 1-Methylnaphthalene	12.76	142	7867	3.90 ng/ul#	97
41) 1,1'-Biphenyl	13.54	154	4254	1.27 ng/ul	94
50) Acenaphthene	14.77	153	22571	7.69 ng/ul	96
54) Dibenzofuran	15.10	168	16613	3.81 ng/ul	100
59) Fluorene	15.75	166	15425	4.36 ng/ul	98
70) Phenanthrene	17.49	178	41518	5.60 ng/ul	98

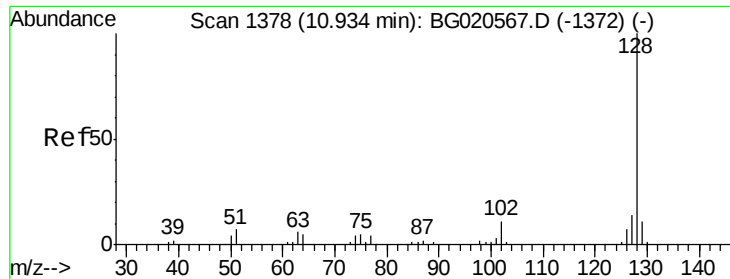
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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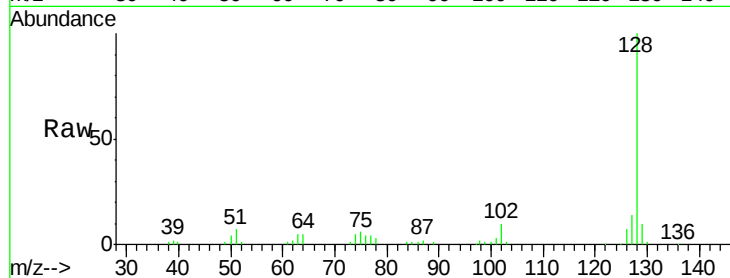




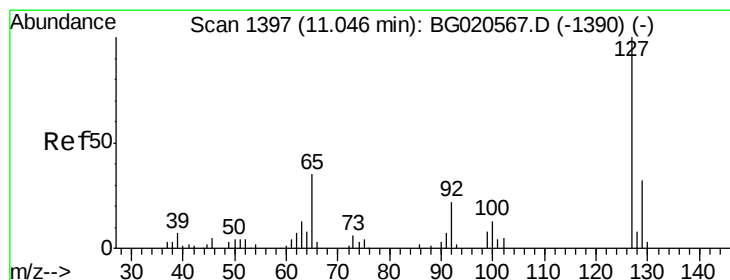
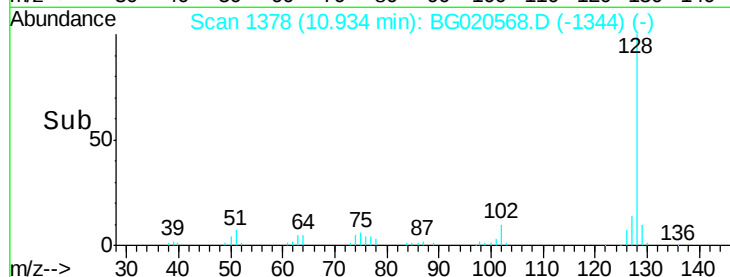
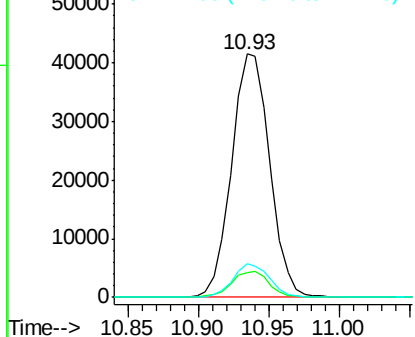
#28
Naphthalene
Concen: 27.17 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020568.D
Acq: 28 Dec 2015 17:16

Instrument :
BNA_G
ClientSampleId :
D9N57DL

Tgt Ion:128 Resp: 78018
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.9 10.1 15.1

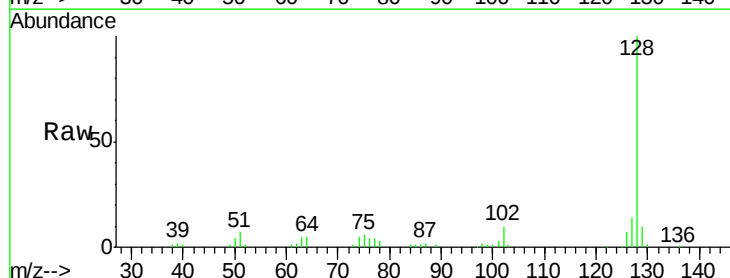


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

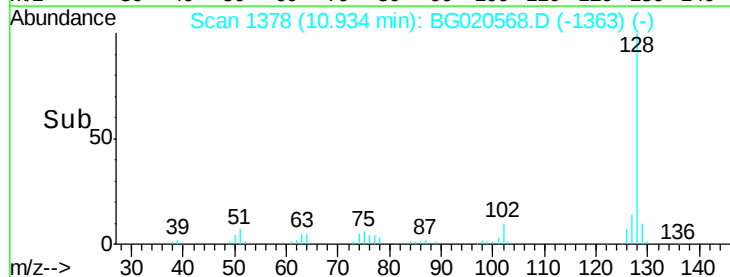
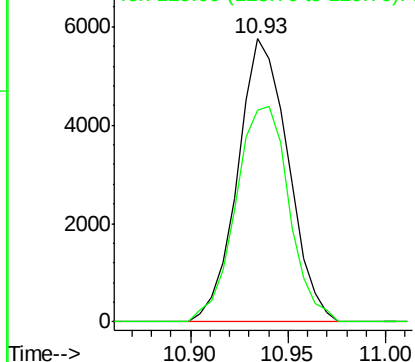


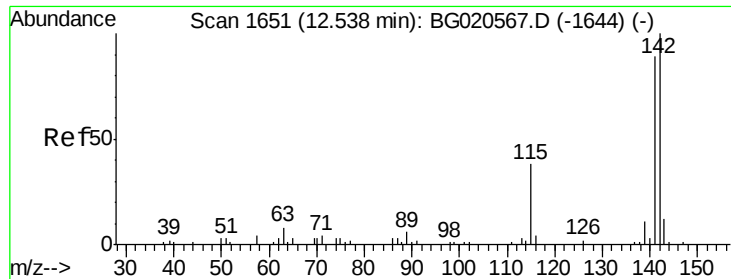
#30
4-Chloroaniline
Concen: 9.59 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020568.D
Acq: 28 Dec 2015 17:16

Tgt Ion:127 Resp: 10296
Ion Ratio Lower Upper
127 100
129 74.8 25.7 38.5#



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

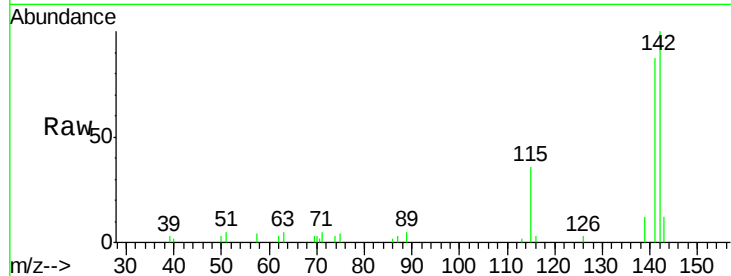




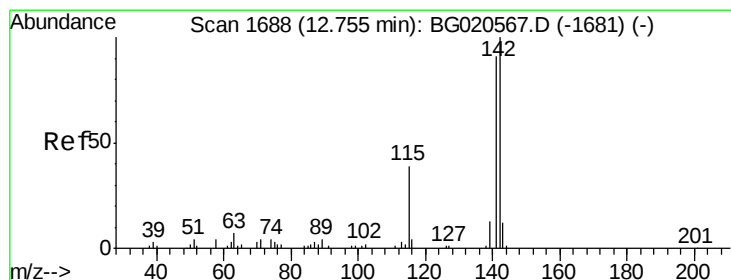
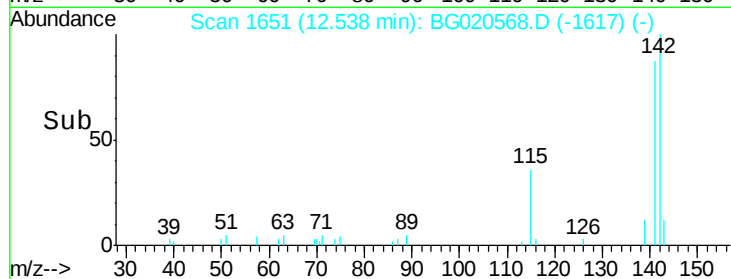
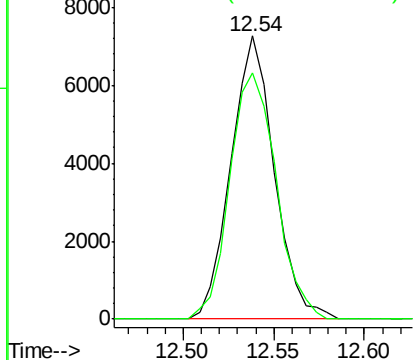
#34
 2-Methylnaphthalene
 Concen: 5.69 ng/ul
 RT: 12.54 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BG020568.D
 Acq: 28 Dec 2015 17:16

Instrument :
 BNA_G
 ClientSampleId :
 D9N57DL

Tgt Ion:142 Resp: 12099
 Ion Ratio Lower Upper
 142 100
 141 87.1 74.9 112.3

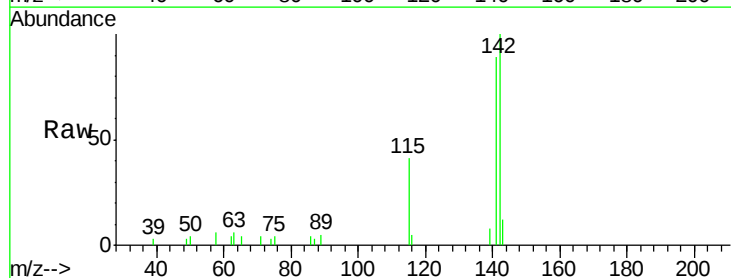


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

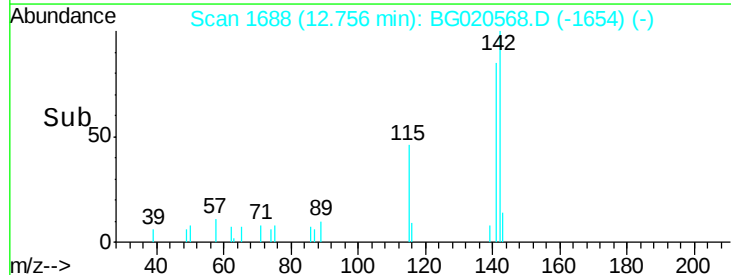
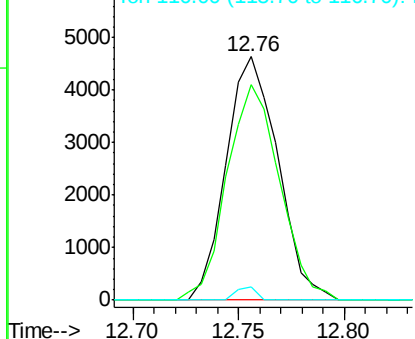


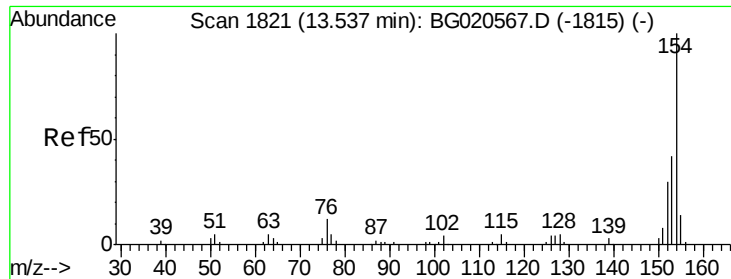
#35
 1-Methylnaphthalene
 Concen: 3.90 ng/ul
 RT: 12.76 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG020568.D
 Acq: 28 Dec 2015 17:16

Tgt Ion:142 Resp: 7867
 Ion Ratio Lower Upper
 142 100
 141 88.7 73.0 109.6
 116 5.2 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

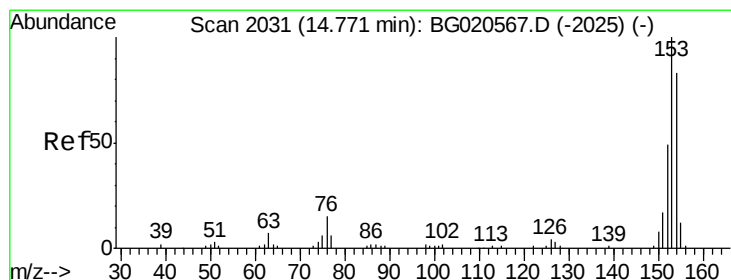
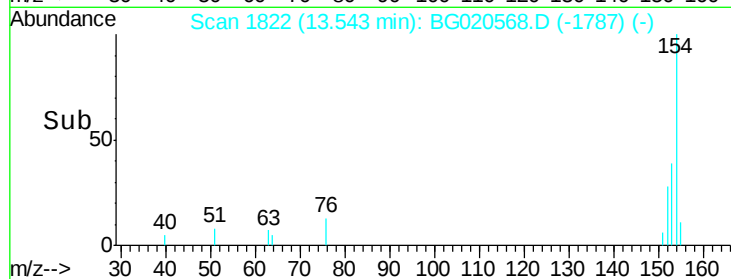
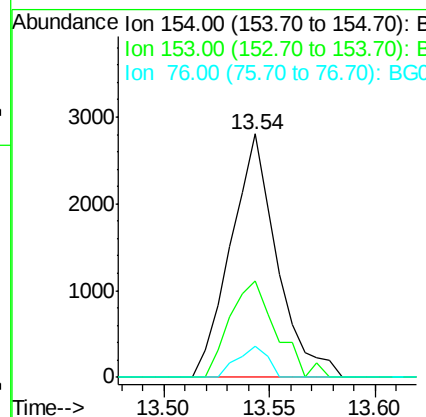
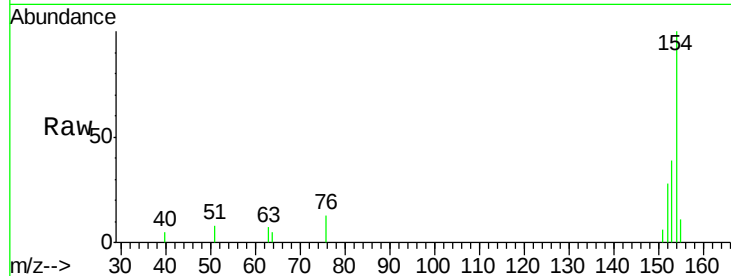




#41
 1,1'-Biphenyl
 Concen: 1.27 ng/ul
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG020568.D
 Acq: 28 Dec 2015 17:16

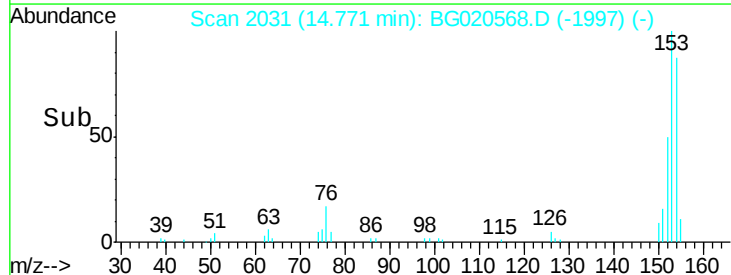
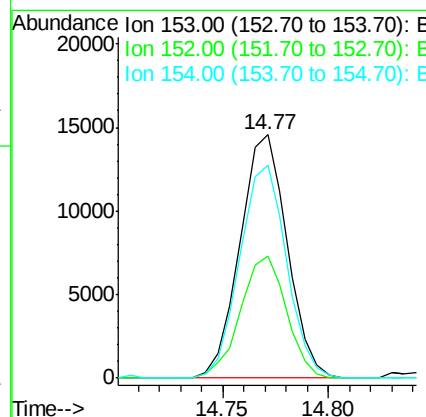
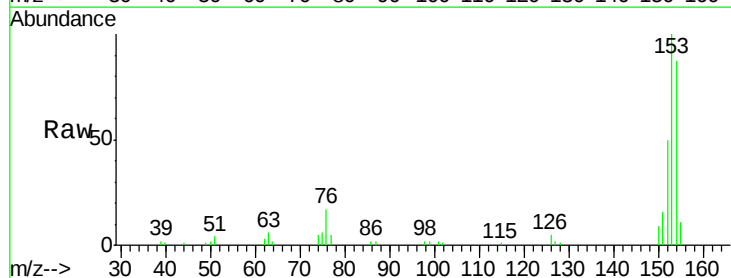
Instrument :
 BNA_G
 ClientSampleId :
 D9N57DL

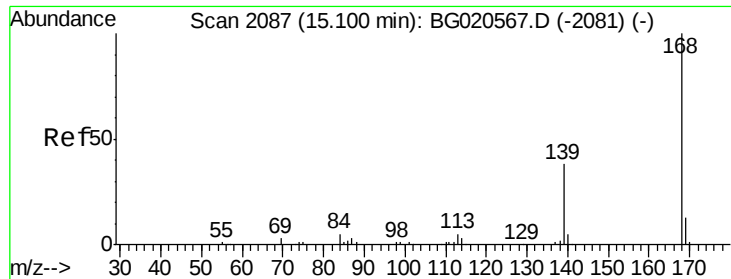
Tgt Ion:154 Resp: 4254
 Ion Ratio Lower Upper
 154 100
 153 39.4 35.5 53.3
 76 12.6 10.4 15.6



#50
 Acenaphthene
 Concen: 7.69 ng/ul
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BG020568.D
 Acq: 28 Dec 2015 17:16

Tgt Ion:153 Resp: 22571
 Ion Ratio Lower Upper
 153 100
 152 50.2 37.6 56.4
 154 87.5 67.9 101.9





#54

Dibenzenofuran

Concen: 3.81 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG020568.D

Acq: 28 Dec 2015 17:16

Instrument :

BNA_G

ClientSampled :

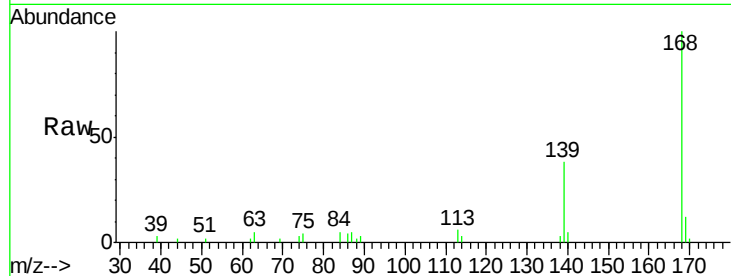
D9N57DL

Tgt Ion:168 Resp: 16613

Ion Ratio Lower Upper

168 100

139 38.0 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.10

12000

10000

8000

6000

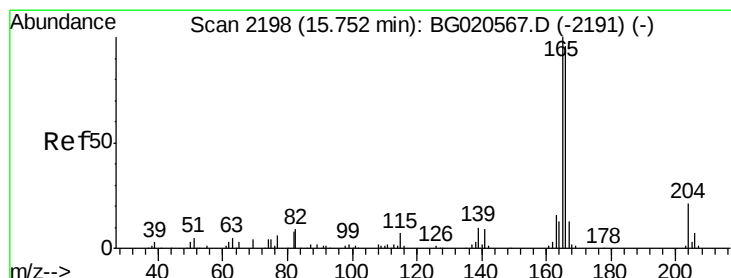
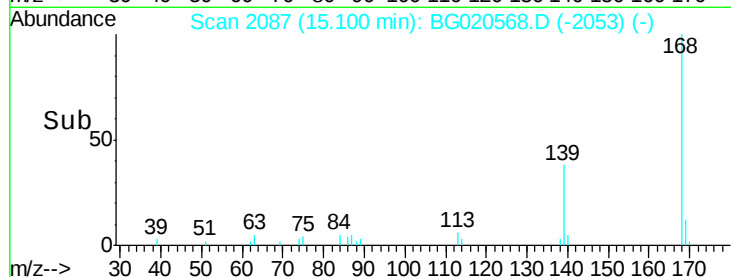
4000

2000

0

Time-->

15.05 15.10 15.15



#59

Fluorene

Concen: 4.36 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020568.D

Acq: 28 Dec 2015 17:16

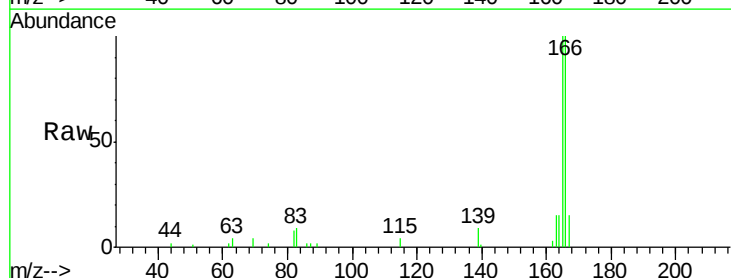
Tgt Ion:166 Resp: 15425

Ion Ratio Lower Upper

166 100

165 100.0 81.4 122.0

167 15.0 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

15.75

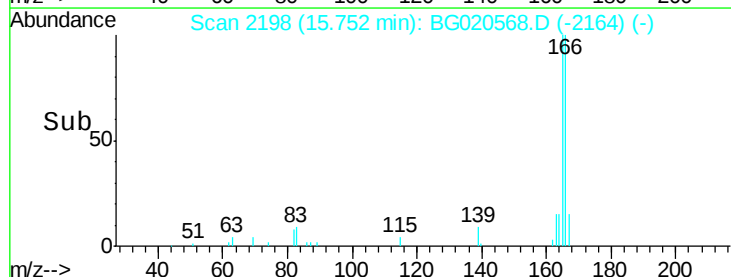
10000

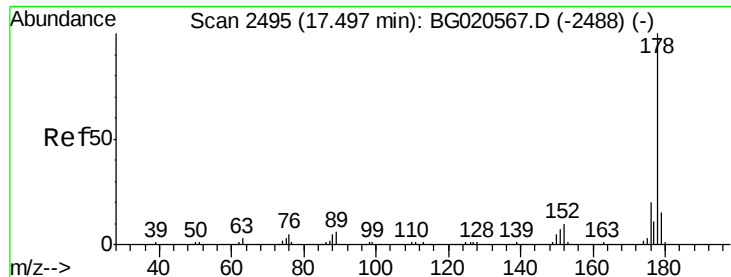
5000

0

Time-->

15.70 15.75 15.80





#70

Phenanthrene

Concen: 5.60 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.01 min

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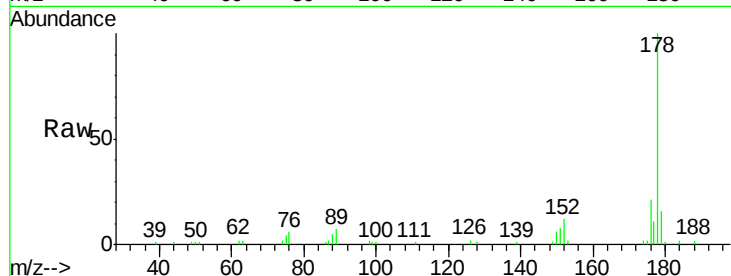
Tgt Ion:178 Resp: 41518

Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 20.5 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

