

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
 Data File : BG020571.D
 Acq On : 28 Dec 2015 19:13
 Operator : UM/SJ
 Sample : G4846-14DL 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

Quant Time: Dec 29 02:59:38 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	12256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	53819	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	41906	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	124156	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	168022	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	159365	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	7.39	99	169	0.17	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.60	132	145	0.19	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	9.96	143	69	0.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	2582	0.75	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	2741	0.68	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	2530	0.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.45	188	124156	21.35	ng/ul	-0.10
79) Pyrene-d10	19.83	212	5818	0.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	6036	0.75	ng/ul	0.00

Target Compounds

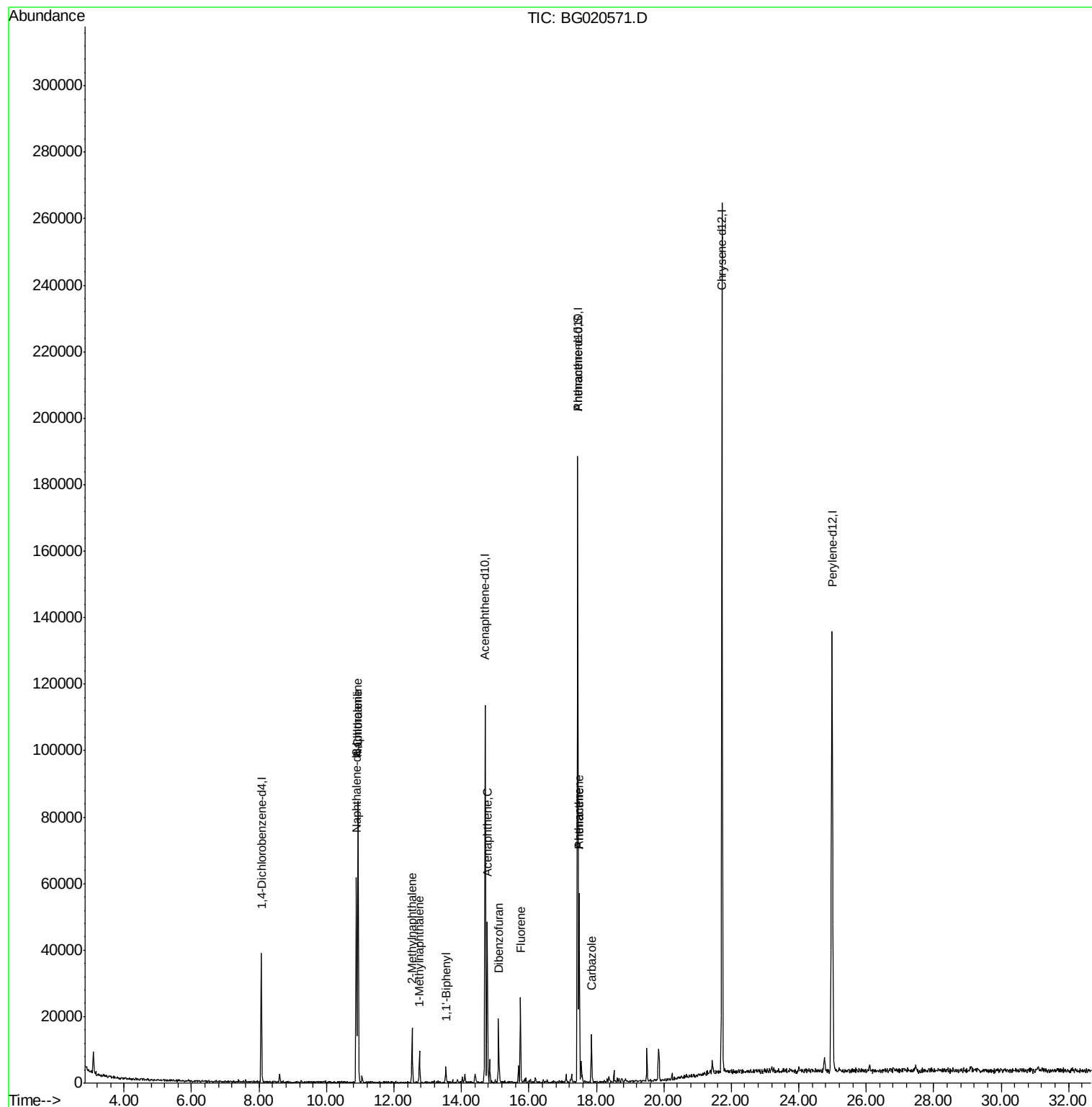
						Qvalue
28) Naphthalene	10.94	128	73977	25.86	ng/ul	99
30) 4-Chloroaniline	10.94	127	9615	8.99	ng/ul#	2
34) 2-Methylnaphthalene	12.54	142	8770	4.14	ng/ul	94
35) 1-Methylnaphthalene	12.76	142	5522	2.75	ng/ul#	96
41) 1,1'-Biphenyl	13.54	154	3854	1.19	ng/ul	95
50) Acenaphthene	14.77	153	21381	7.52	ng/ul	100
54) Dibenzofuran	15.10	168	14677	3.47	ng/ul	99
59) Fluorene	15.75	166	12237	3.57	ng/ul	98
70) Phenanthrene	17.49	178	39707	5.75	ng/ul	98
72) Anthracene	17.49	178	39707	5.62	ng/ul	99
75) Carbazole	17.86	167	13013	2.19	ng/ul	99

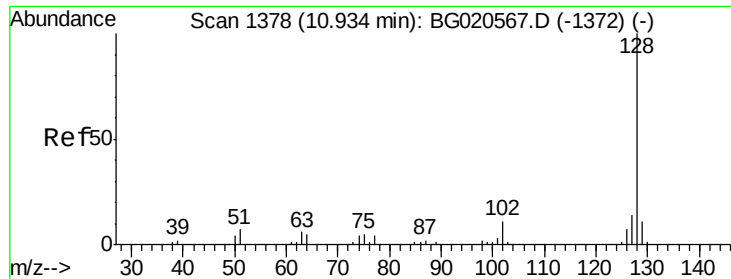
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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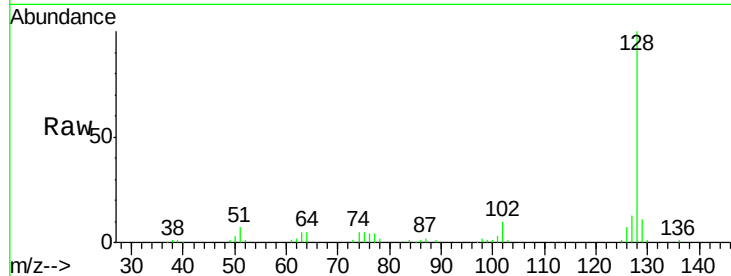




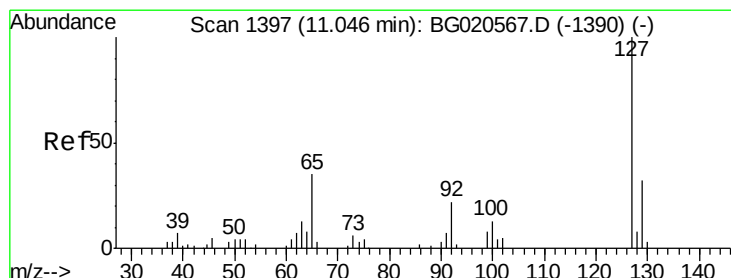
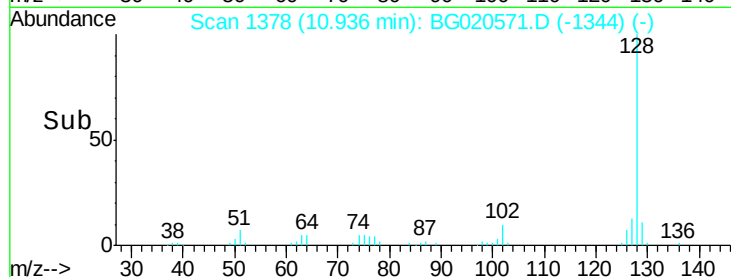
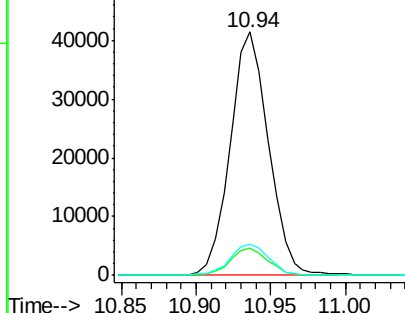
#28
Naphthalene
Concen: 25.86 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020571.D
Acq: 28 Dec 2015 19:13

Instrument :
BNA_G
ClientSampleId :
D9N60DL

Tgt Ion:128 Resp: 73977
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.0 10.1 15.1

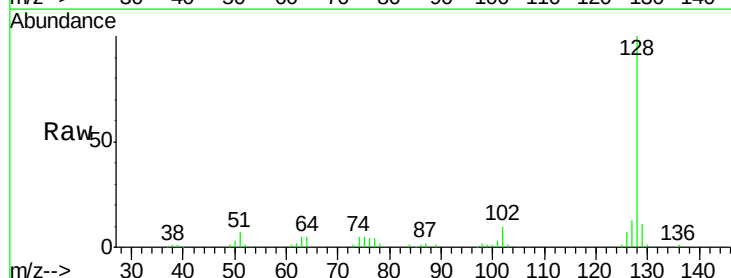


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

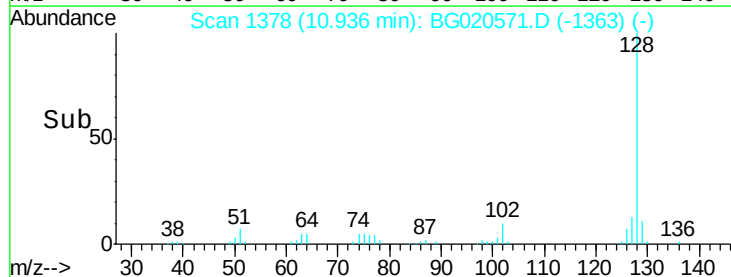
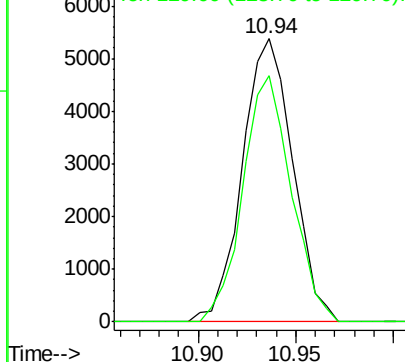


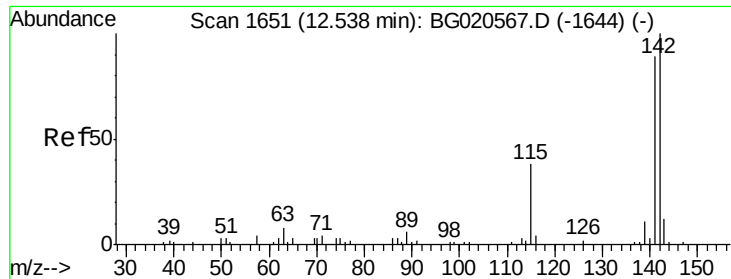
#30
4-Chloroaniline
Concen: 8.99 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020571.D
Acq: 28 Dec 2015 19:13

Tgt Ion:127 Resp: 9615
Ion Ratio Lower Upper
127 100
129 86.9 25.7 38.5#



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

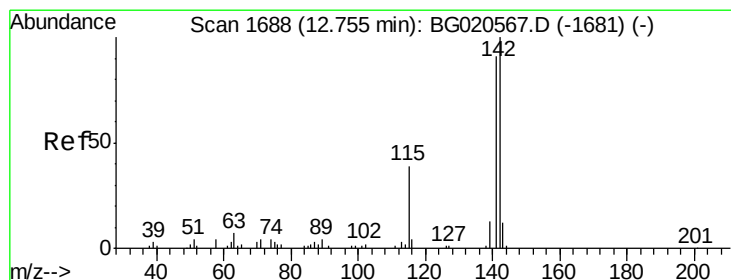
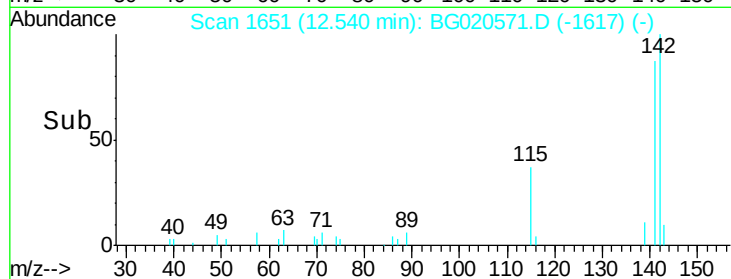
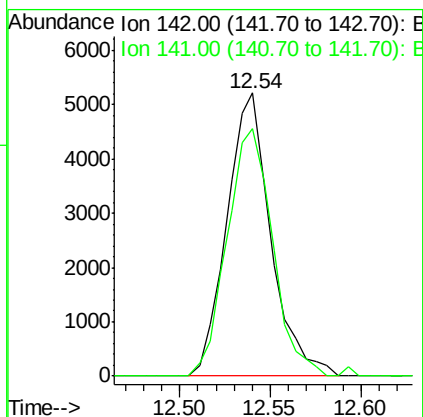
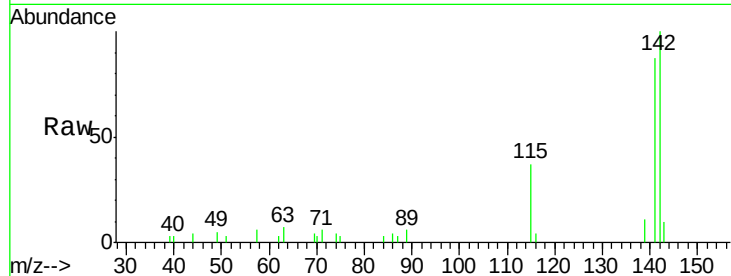




#34
 2-Methylnaphthalene
 Concen: 4.14 ng/ul
 RT: 12.54 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BG020571.D
 Acq: 28 Dec 2015 19:13

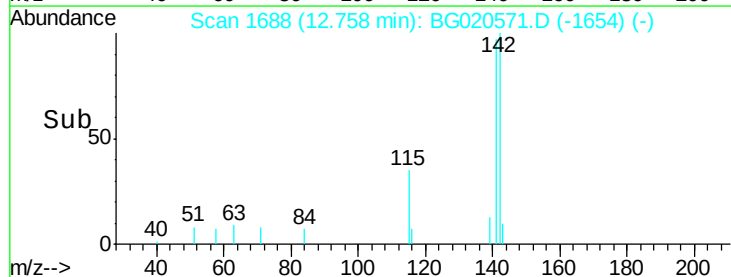
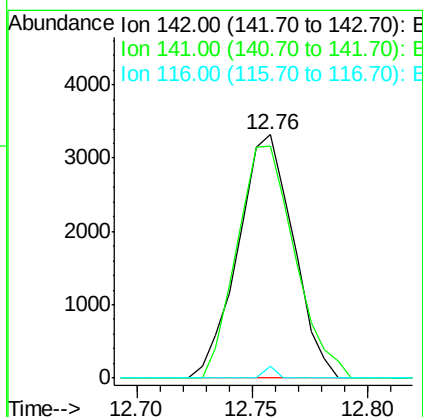
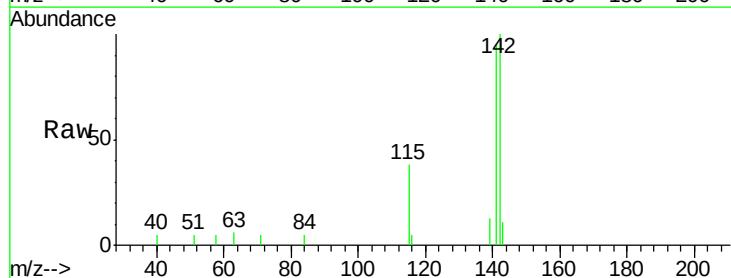
Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

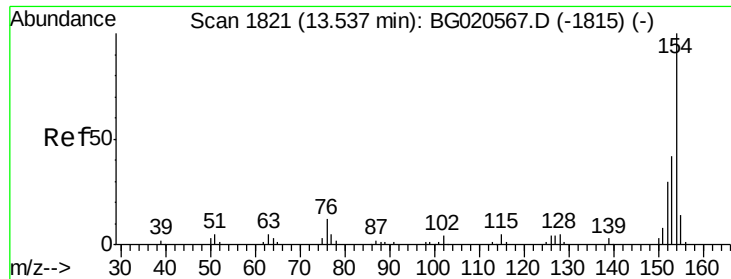
Tgt Ion:142 Resp: 8770
 Ion Ratio Lower Upper
 142 100
 141 87.5 74.9 112.3



#35
 1-Methylnaphthalene
 Concen: 2.75 ng/ul
 RT: 12.76 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG020571.D
 Acq: 28 Dec 2015 19:13

Tgt Ion:142 Resp: 5522
 Ion Ratio Lower Upper
 142 100
 141 95.1 73.0 109.6
 116 5.1 3.0 4.6#

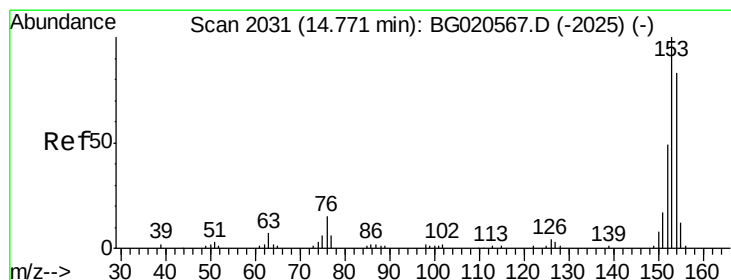
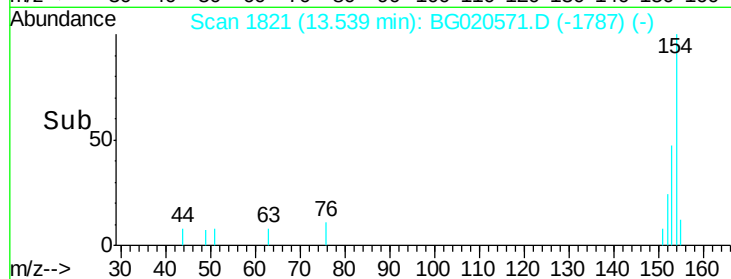
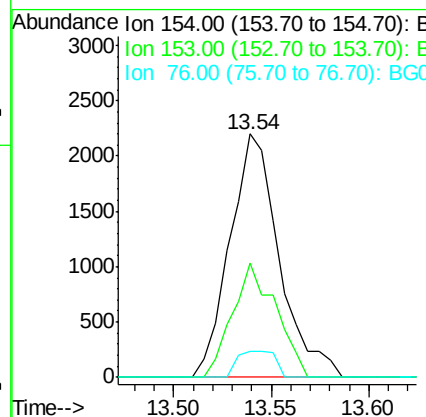
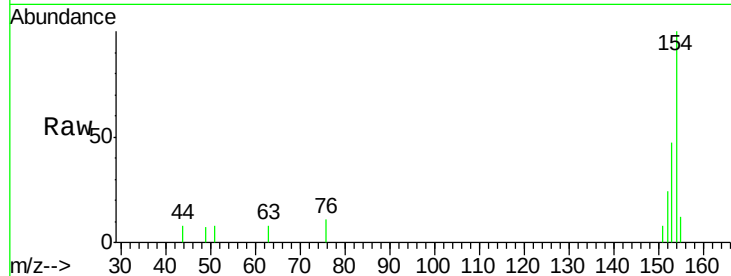




#41
 1,1'-Biphenyl
 Concen: 1.19 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG020571.D
 Acq: 28 Dec 2015 19:13

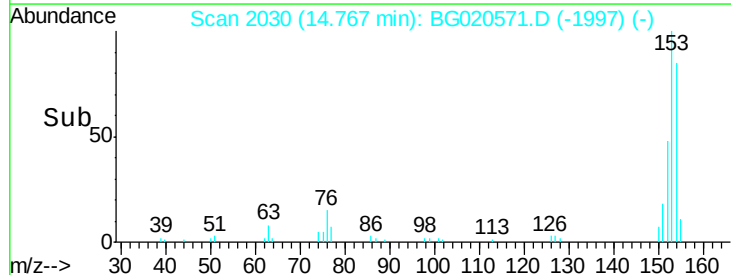
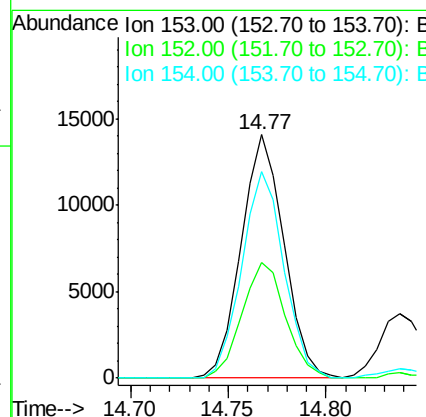
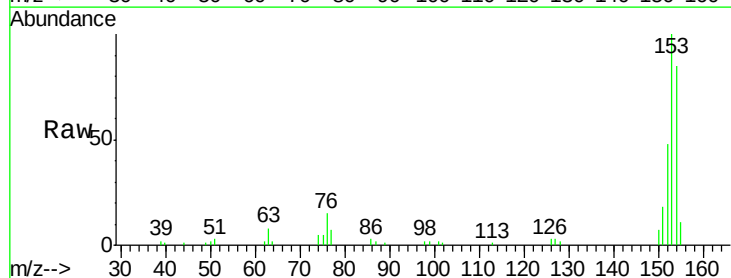
Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

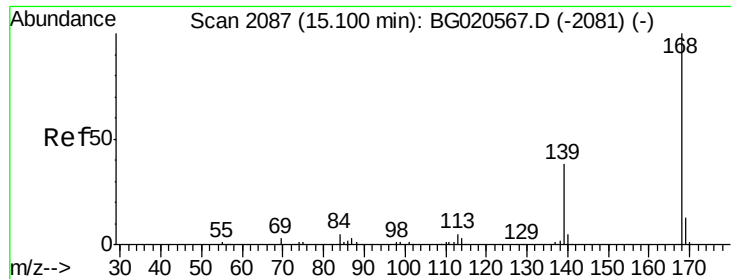
Tgt Ion:154 Resp: 3854
 Ion Ratio Lower Upper
 154 100
 153 47.2 35.5 53.3
 76 10.8 10.4 15.6



#50
 Acenaphthene
 Concen: 7.52 ng/ul
 RT: 14.77 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BG020571.D
 Acq: 28 Dec 2015 19:13

Tgt Ion:153 Resp: 21381
 Ion Ratio Lower Upper
 153 100
 152 47.5 37.6 56.4
 154 84.9 67.9 101.9





#54

Dibenzenofuran

Concen: 3.47 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG020571.D

Acq: 28 Dec 2015 19:13

Instrument :

BNA_G

ClientSampleId :

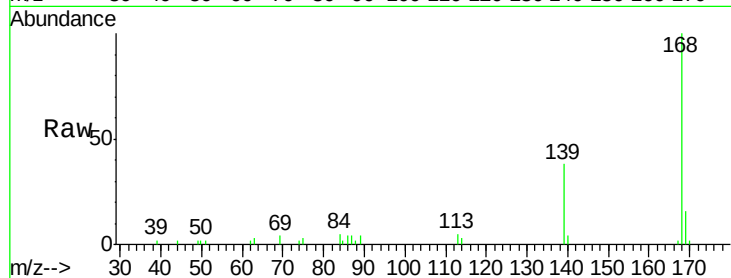
D9N60DL

Tgt Ion:168 Resp: 14677

Ion Ratio Lower Upper

168 100

139 38.5 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

10000

8000

6000

4000

2000

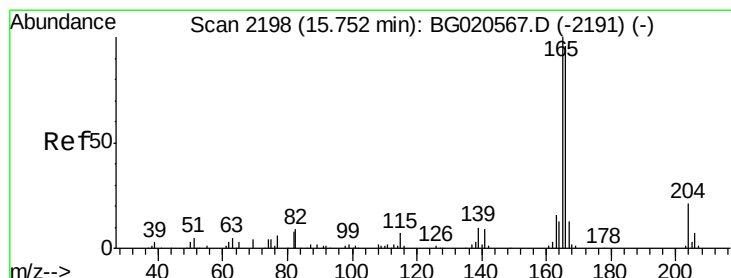
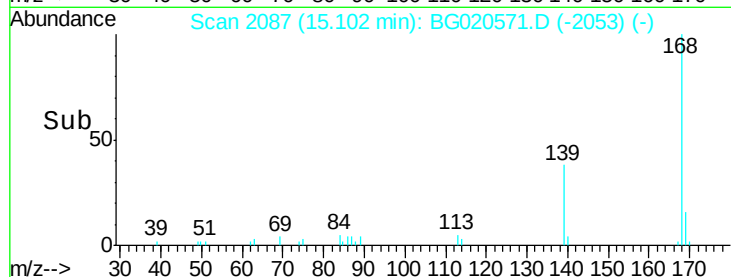
0

Time-->

15.05

15.10

15.15



#59

Fluorene

Concen: 3.57 ng/ul

RT: 15.75 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG020571.D

Acq: 28 Dec 2015 19:13

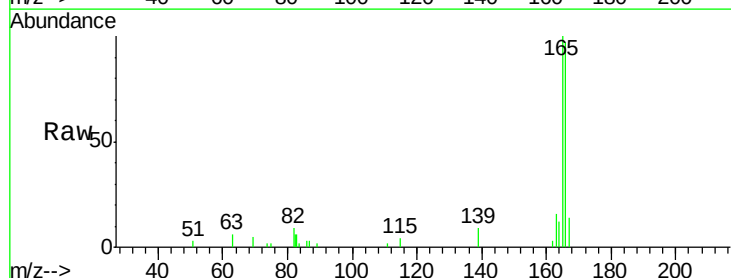
Tgt Ion:166 Resp: 12237

Ion Ratio Lower Upper

166 100

165 103.5 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

8000

6000

4000

2000

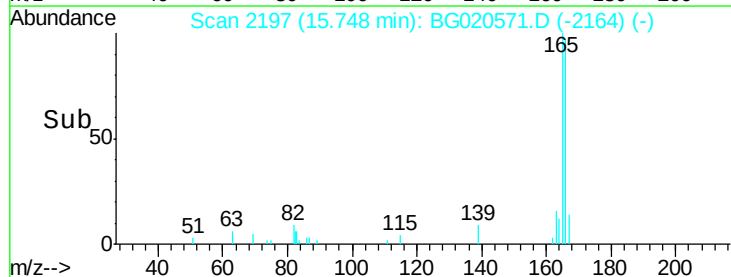
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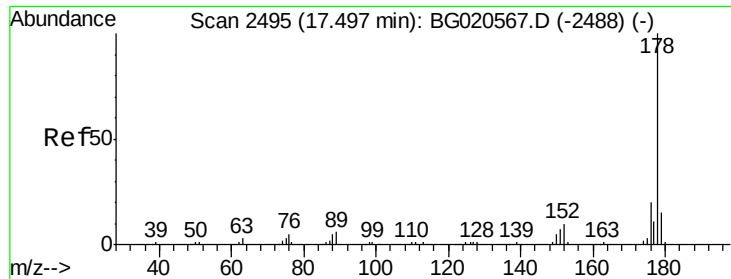
Time-->

15.70

15.75

15.80

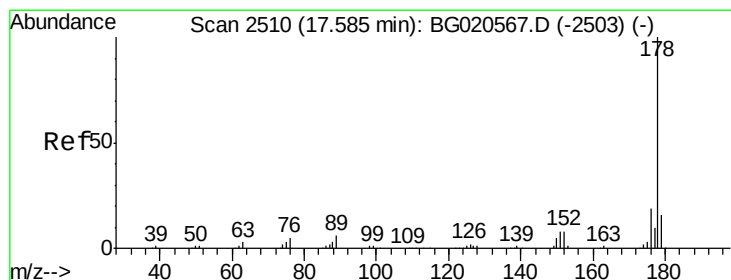
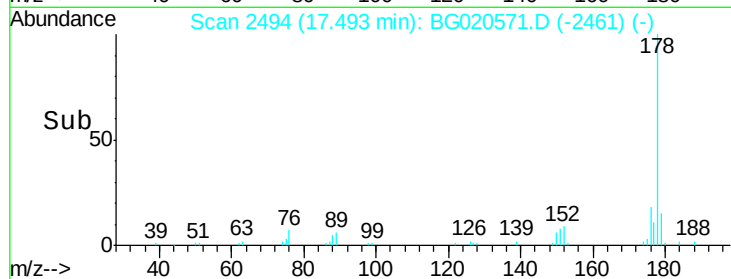
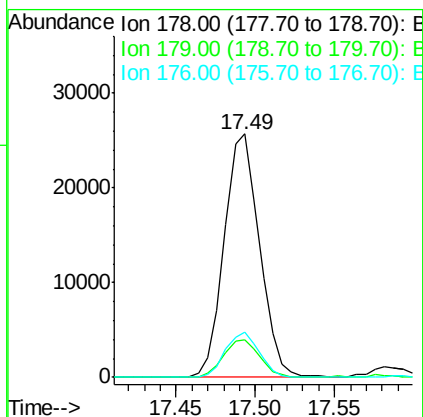
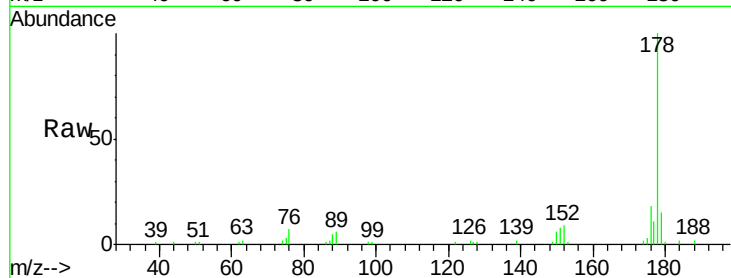




#70
 Phenanthrene
 Concen: 5.75 ng/ul
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BG020571.D
 Acq: 28 Dec 2015 19:13

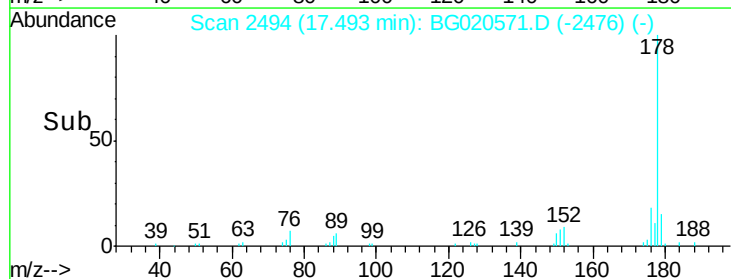
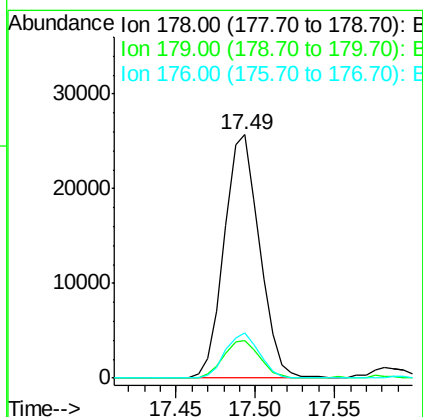
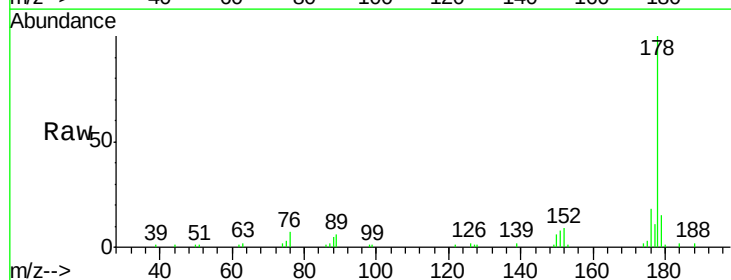
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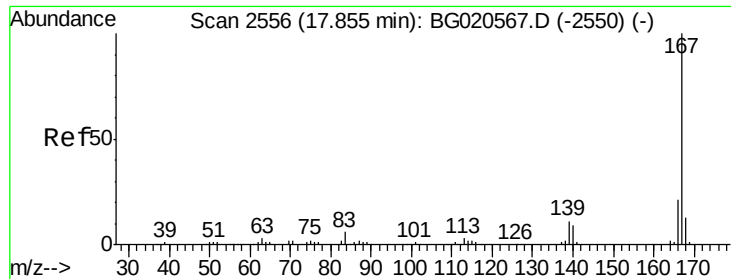
Tgt Ion:178 Resp: 39707
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.9 19.3
 176 18.4 15.3 22.9



#72
 Anthracene
 Concen: 5.62 ng/ul
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.09 min
 Lab File: BG020571.D
 Acq: 28 Dec 2015 19:13

Tgt Ion:178 Resp: 39707
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 18.4 14.3 21.5





#75

Carbazole

Concen: 2.19 ng/ul

RT: 17.86 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BG020571.D

Acq: 28 Dec 2015 19:13

Instrument :

BNA_G

ClientSampleId :

D9N60DL

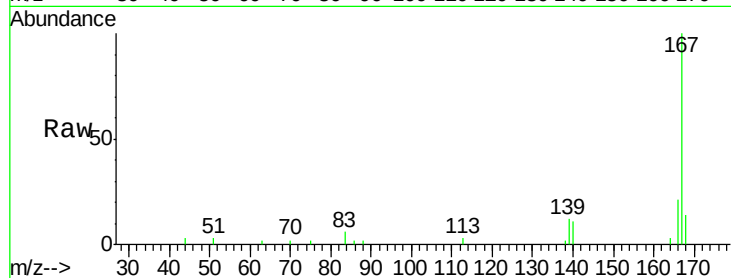
Tgt Ion:167 Resp: 13013

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

139 11.9 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

