

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
 Data File : BG020580.D
 Acq On : 29 Dec 2015 1:43
 Operator : UM/SJ
 Sample : G4847-06DL 100X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N70DL

Quant Time: Dec 29 05:10:40 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	12183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	54592	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	43016	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	131530	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	169928	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	159477	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	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
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	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	1705	0.48	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	1848	0.45	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	1853	0.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.45	188	131530	21.35	ng/ul	-0.10
79) Pyrene-d10	19.83	212	3533	0.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	3603	0.45	ng/ul	0.00

Target Compounds

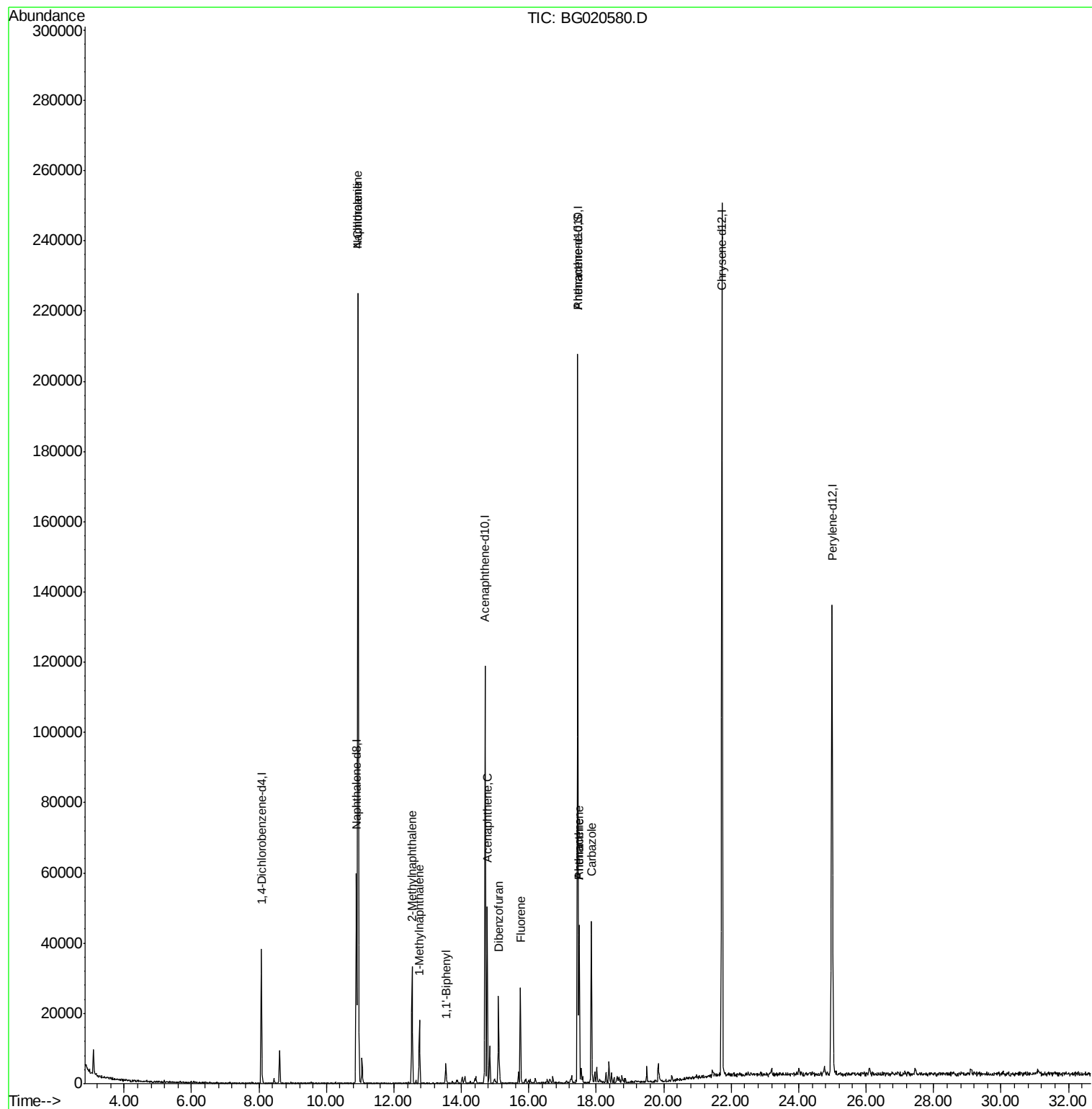
					Qvalue
28) Naphthalene	10.93	128	195683	67.43 ng/ul	98
30) 4-Chloroaniline	10.93	127	25840	23.83 ng/ul#	12
34) 2-Methylnaphthalene	12.54	142	16896	7.87 ng/ul	91
35) 1-Methylnaphthalene	12.76	142	9068	4.45 ng/ul#	96
41) 1,1'-Biphenyl	13.54	154	4314	1.30 ng/ul	94
50) Acenaphthene	14.77	153	22903	7.85 ng/ul	99
54) Dibenzofuran	15.10	168	18731	4.31 ng/ul	95
59) Fluorene	15.75	166	14001	3.98 ng/ul	99
70) Phenanthrene	17.49	178	30435	4.16 ng/ul	99
72) Anthracene	17.49	178	30435	4.07 ng/ul	98
75) Carbazole	17.86	167	34641	5.49 ng/ul	97

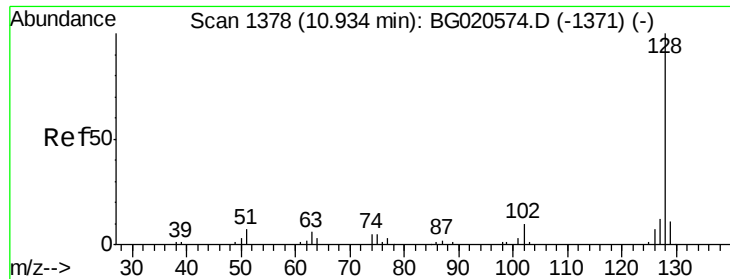
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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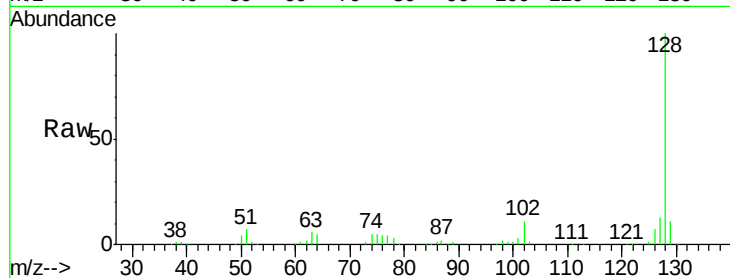




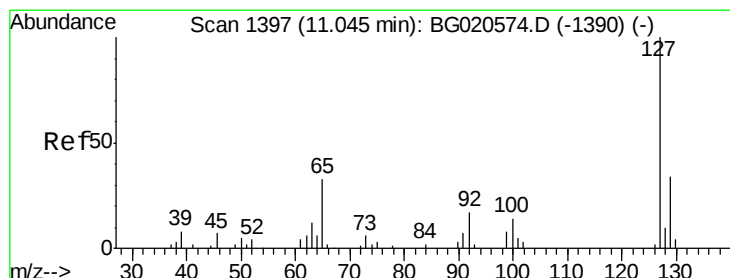
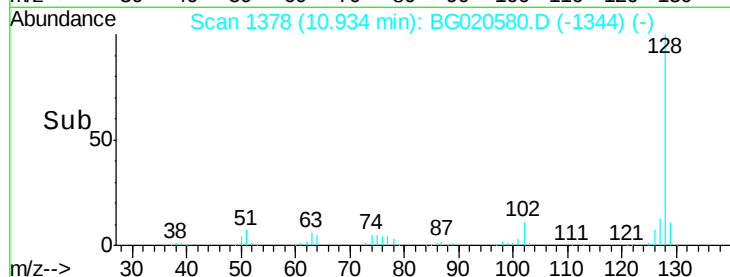
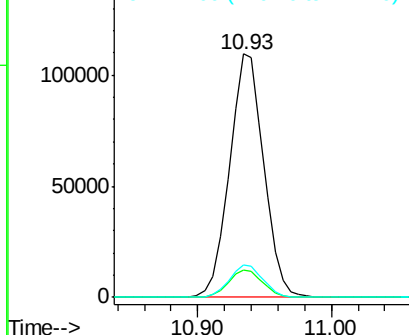
#28
Naphthalene
Concen: 67.43 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020580.D
Acq: 29 Dec 2015 1:43

Instrument :
BNA_G
ClientSampleId :
D9N70DL

Tgt Ion:128 Resp: 195683
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.5 10.1 15.1

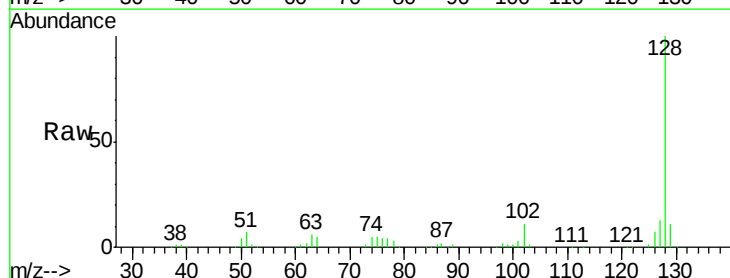


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

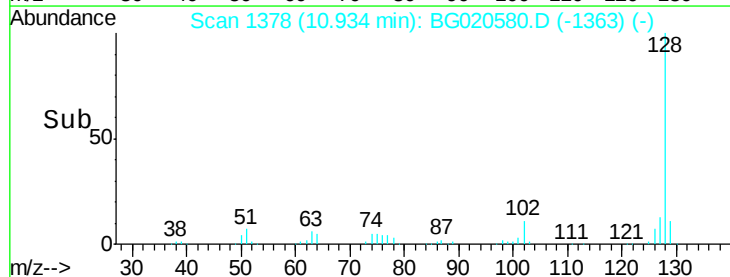
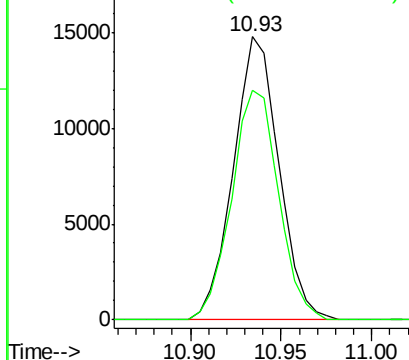


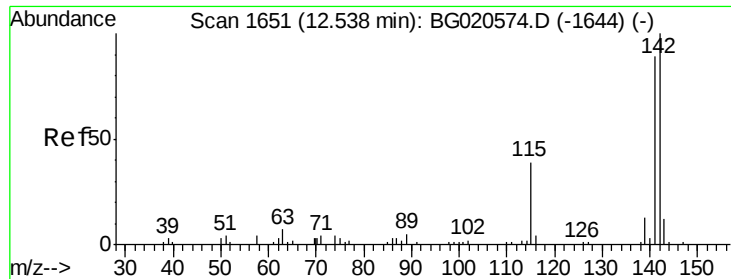
#30
4-Chloroaniline
Concen: 23.83 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020580.D
Acq: 29 Dec 2015 1:43

Tgt Ion:127 Resp: 25840
Ion Ratio Lower Upper
127 100
129 81.3 25.7 38.5#



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

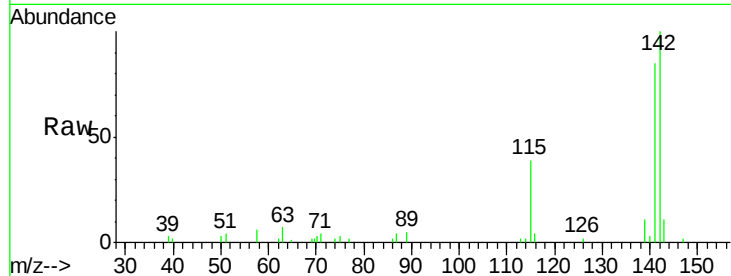




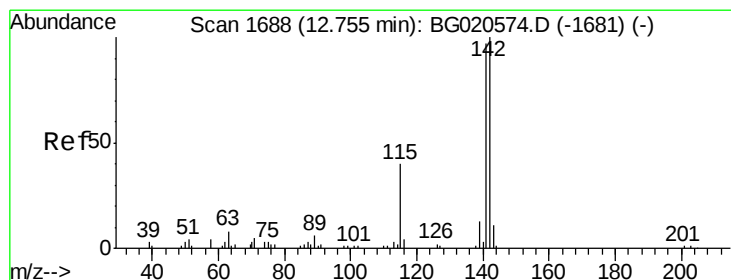
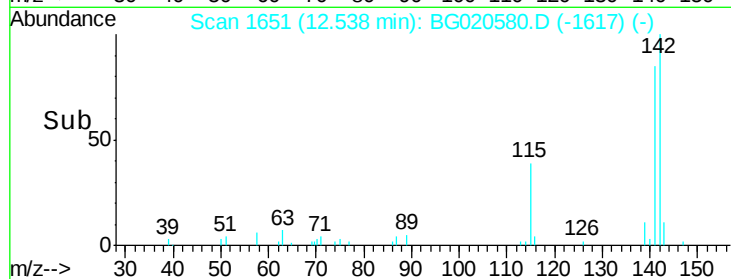
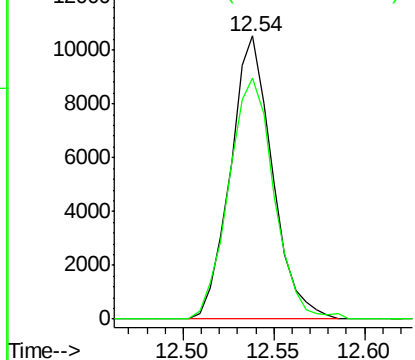
#34
 2-Methylnaphthalene
 Concen: 7.87 ng/ul
 RT: 12.54 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BG020580.D
 Acq: 29 Dec 2015 1:43

Instrument :
 BNA_G
 ClientSampleId :
 D9N70DL

Tgt Ion:142 Resp: 16896
 Ion Ratio Lower Upper
 142 100
 141 85.0 74.9 112.3

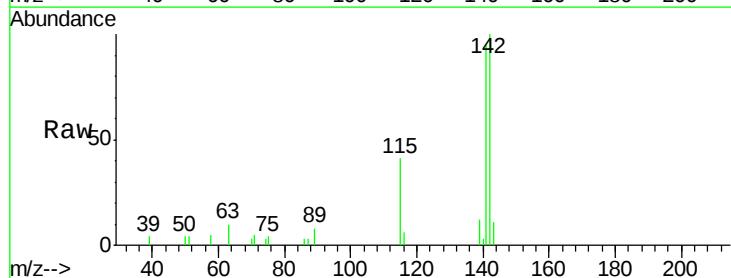


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

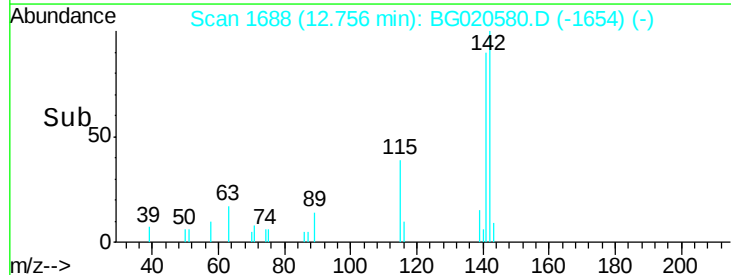
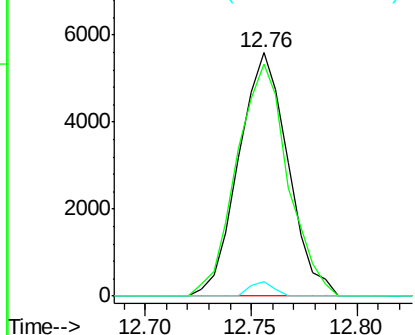


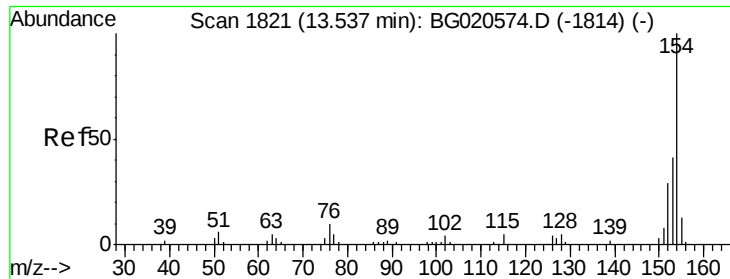
#35
 1-Methylnaphthalene
 Concen: 4.45 ng/ul
 RT: 12.76 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG020580.D
 Acq: 29 Dec 2015 1:43

Tgt Ion:142 Resp: 9068
 Ion Ratio Lower Upper
 142 100
 141 95.5 73.0 109.6
 116 5.8 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

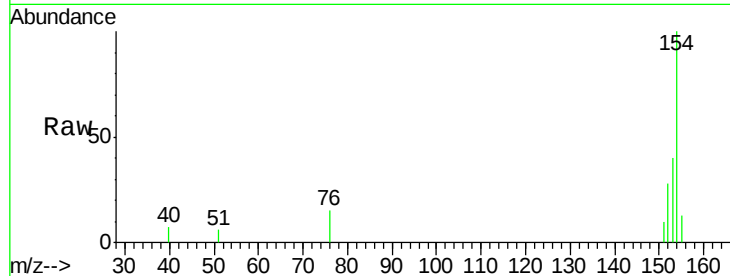




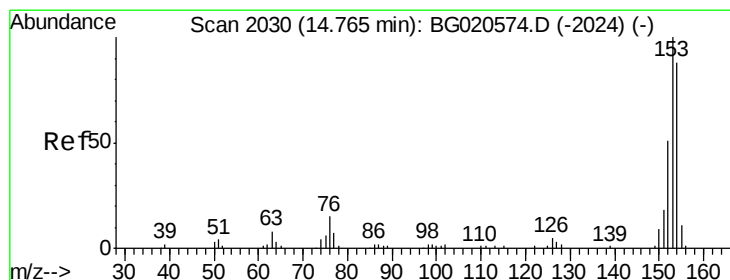
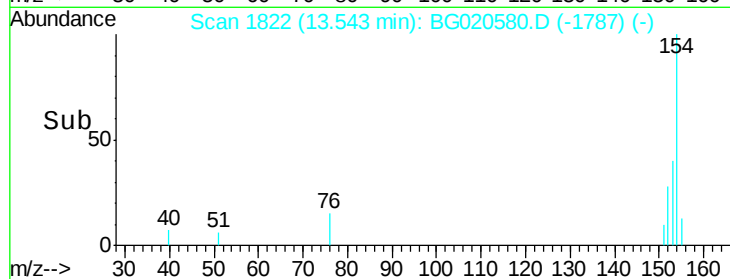
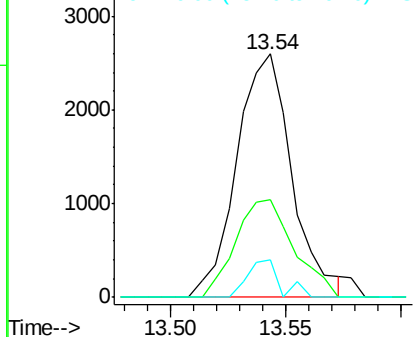
#41
 1,1'-Biphenyl
 Concen: 1.30 ng/ul
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG020580.D
 Acq: 29 Dec 2015 1:43

Instrument :
 BNA_G
 ClientSampleId :
 D9N70DL

Tgt Ion:154 Resp: 4314
 Ion Ratio Lower Upper
 154 100
 153 40.3 35.5 53.3
 76 15.2 10.4 15.6

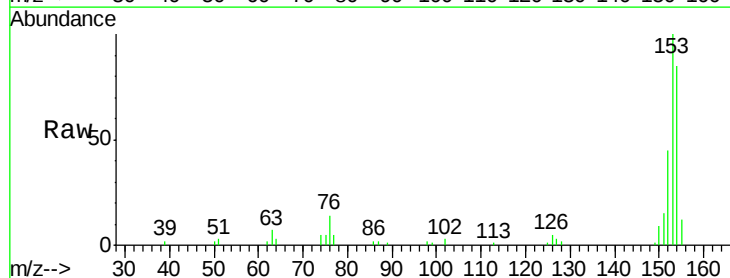


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

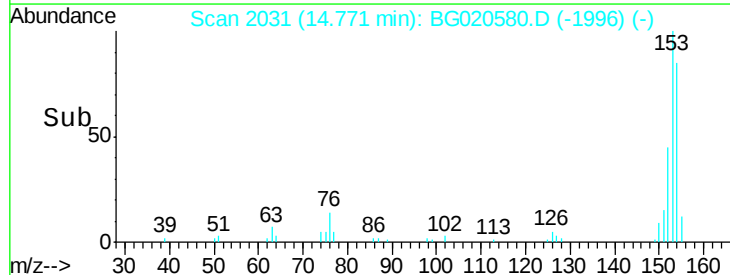
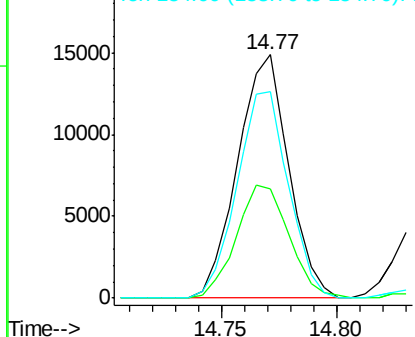


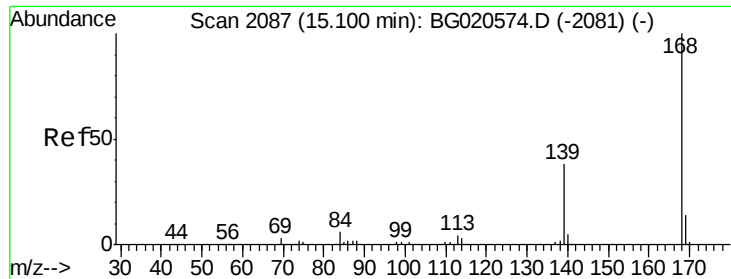
#50
 Acenaphthene
 Concen: 7.85 ng/ul
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BG020580.D
 Acq: 29 Dec 2015 1:43

Tgt Ion:153 Resp: 22903
 Ion Ratio Lower Upper
 153 100
 152 45.1 37.6 56.4
 154 85.0 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

Dibenzenofuran

Concen: 4.31 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG020580.D

Acq: 29 Dec 2015 1:43

Instrument :

BNA_G

ClientSampleId :

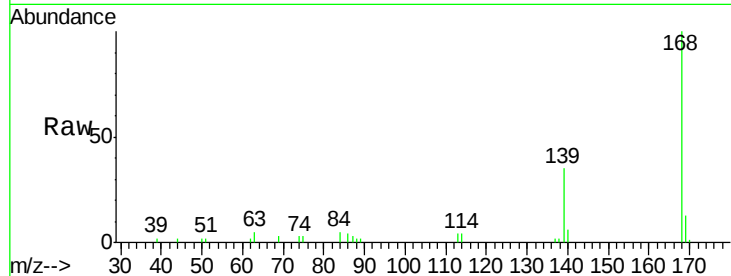
D9N70DL

Tgt Ion:168 Resp: 18731

Ion Ratio Lower Upper

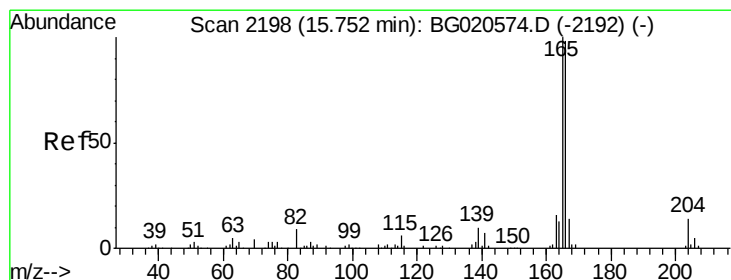
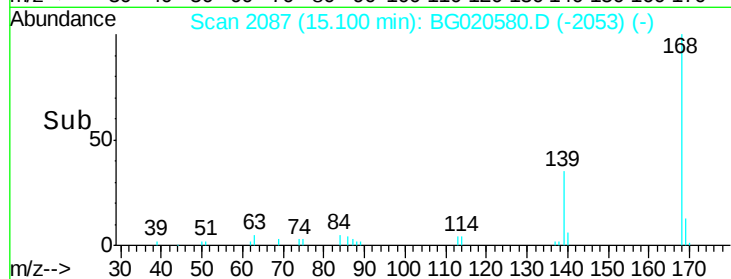
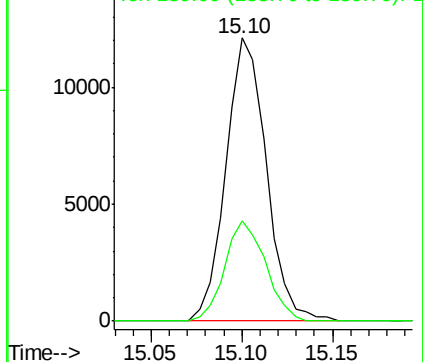
168 100

139 35.3 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: 3.98 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020580.D

Acq: 29 Dec 2015 1:43

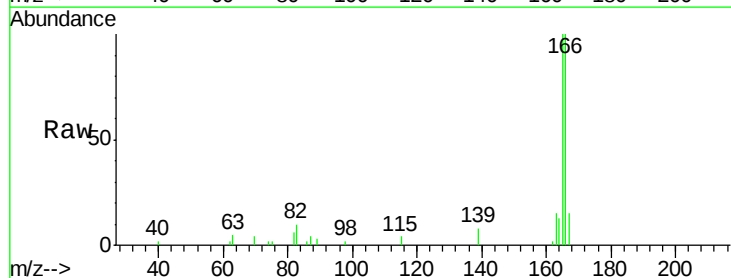
Tgt Ion:166 Resp: 14001

Ion Ratio Lower Upper

166 100

165 100.2 81.4 122.0

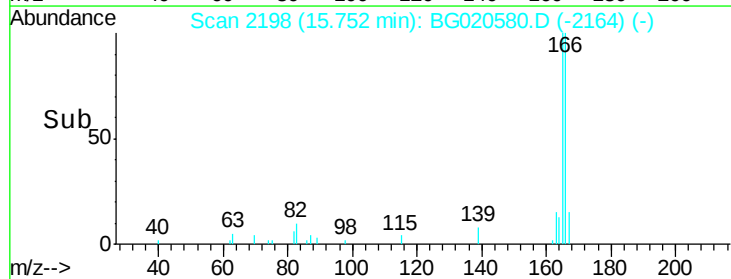
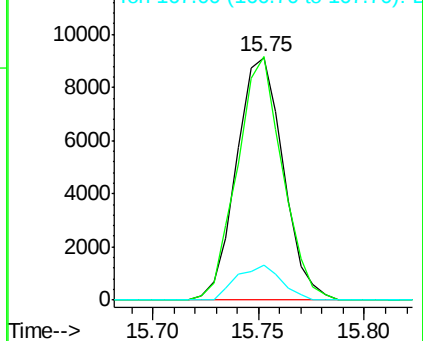
167 14.6 11.2 16.8

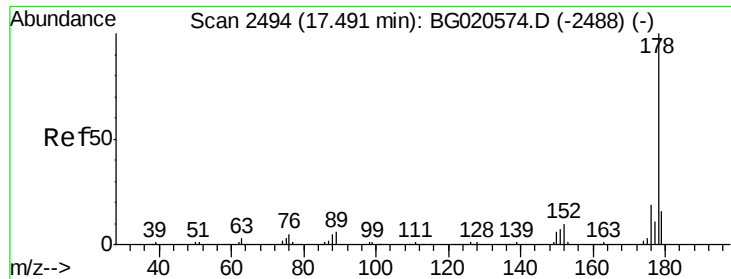


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

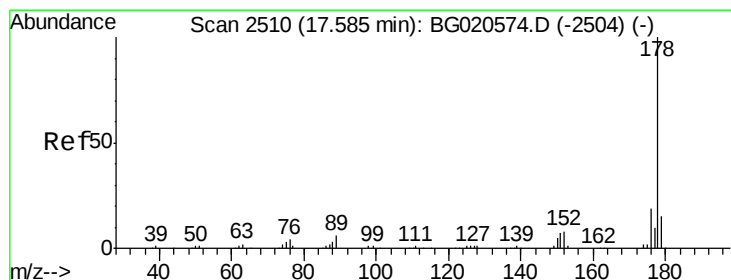
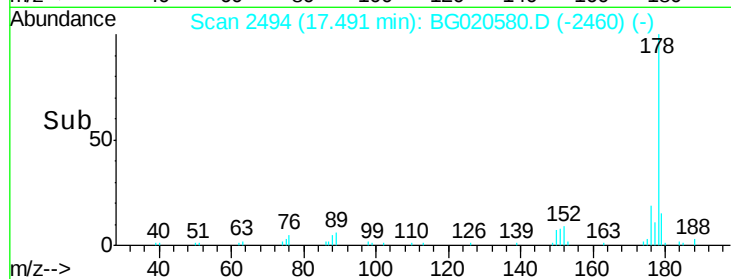
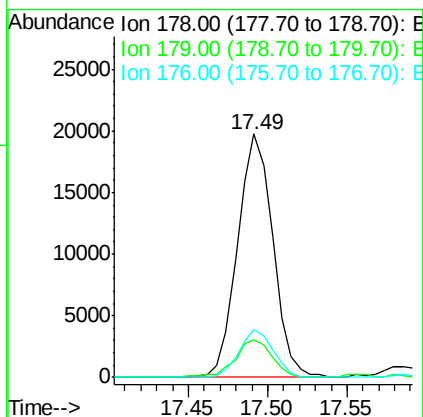
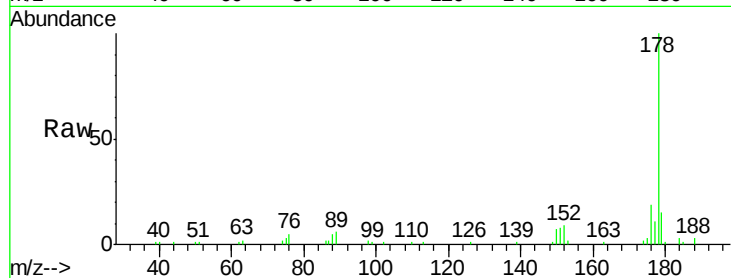




#70
 Phenanthrene
 Concen: 4.16 ng/ul
 RT: 17.49 min Scan# 2494
 Delta R.T. 0.00 min
 Lab File: BG020580.D
 Acq: 29 Dec 2015 1:43

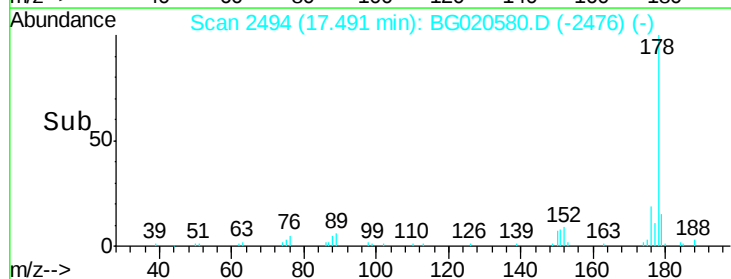
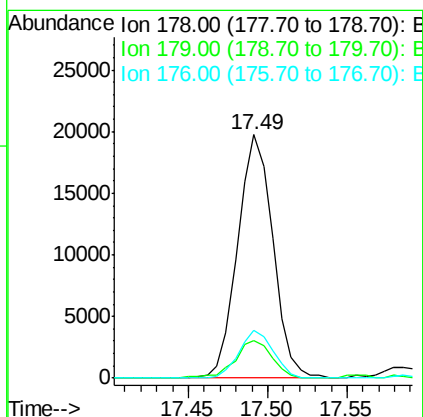
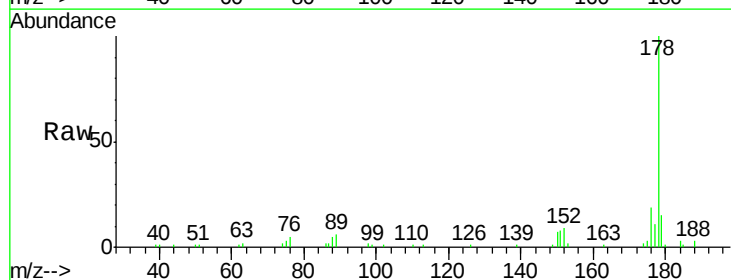
Instrument :
 BNA_G
 ClientSampled :
 D9N70DL

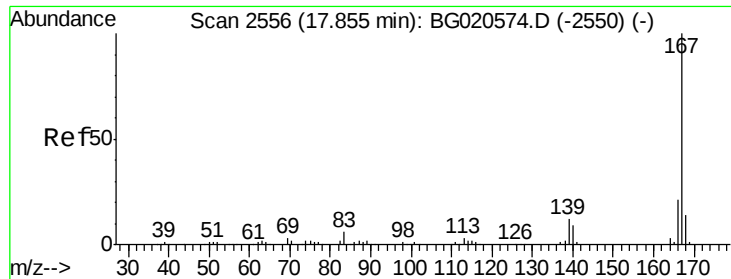
Tgt Ion:178 Resp: 30435
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.9 19.3
 176 19.5 15.3 22.9



#72
 Anthracene
 Concen: 4.07 ng/ul
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.09 min
 Lab File: BG020580.D
 Acq: 29 Dec 2015 1:43

Tgt Ion:178 Resp: 30435
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.3 18.5
 176 19.5 14.3 21.5





#75

Carbazole

Concen: 5.49 ng/ul

RT: 17.86 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BG020580.D

Acq: 29 Dec 2015 1:43

Instrument :

BNA_G

ClientSampleId :

D9N70DL

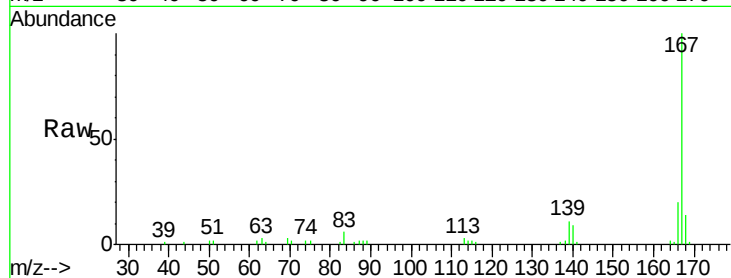
Tgt Ion:167 Resp: 34641

Ion Ratio Lower Upper

167 100

166 20.1 17.0 25.6

139 11.4 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

