

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
 Data File : BG020575.D
 Acq On : 28 Dec 2015 22:28
 Operator : UM/SJ
 Sample : G4846-17DL 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N63DL

Quant Time: Dec 29 05:08:59 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	12094	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	54138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	43263	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	129048	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	171603	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	160908	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	127	0.13	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.61	132	198	0.27	ng/ul	0.02
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	63	0.07	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	2556	0.72	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	2704	0.65	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	2480	0.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	5137	0.85	ng/ul	0.00
79) Pyrene-d10	19.84	212	5334	0.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	5235	0.64	ng/ul	0.00

Target Compounds

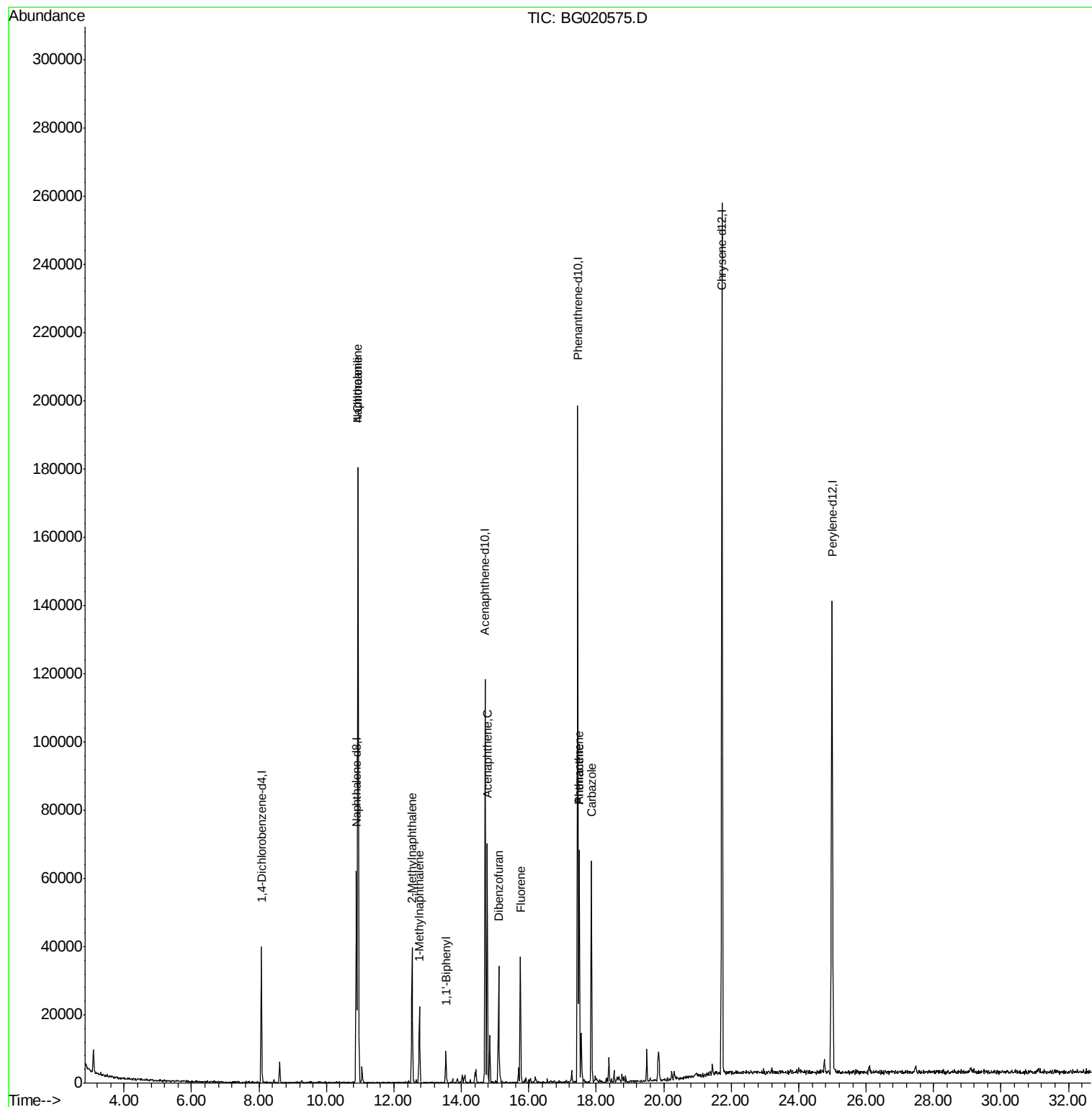
						Qvalue
28) Naphthalene	10.93	128	163190	56.70	ng/ul	98
30) 4-Chloroaniline	10.93	127	21726	20.20	ng/ul#	17
34) 2-Methylnaphthalene	12.54	142	20238	9.50	ng/ul	94
35) 1-Methylnaphthalene	12.76	142	11962	5.91	ng/ul	99
41) 1,1'-Biphenyl	13.54	154	6518	1.95	ng/ul#	83
50) Acenaphthene	14.77	153	31698	10.80	ng/ul	97
54) Dibenzofuran	15.10	168	26932	6.17	ng/ul	97
59) Fluorene	15.75	166	19067	5.39	ng/ul	97
70) Phenanthrene	17.49	178	46537	6.48	ng/ul	98
72) Anthracene	17.49	178	46537	6.34	ng/ul	98
75) Carbazole	17.86	167	46196	7.47	ng/ul	98

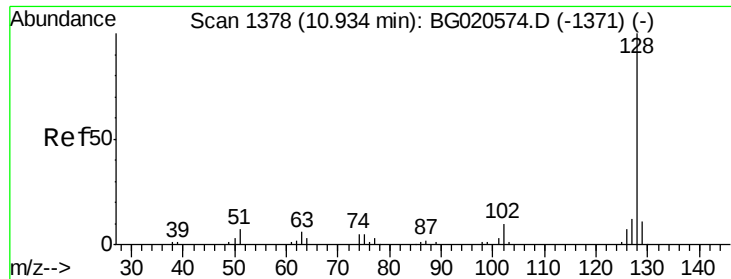
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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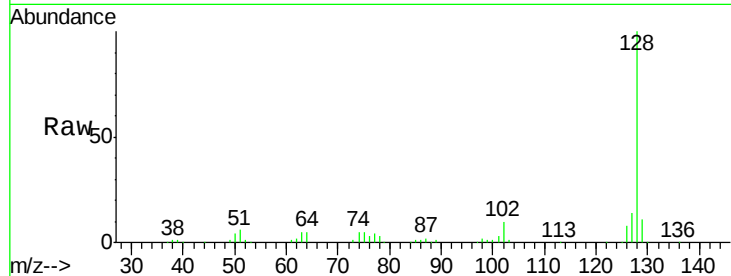




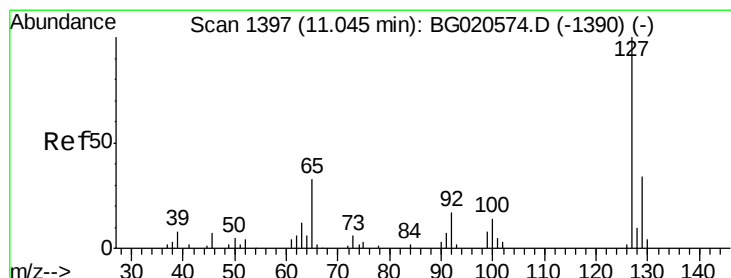
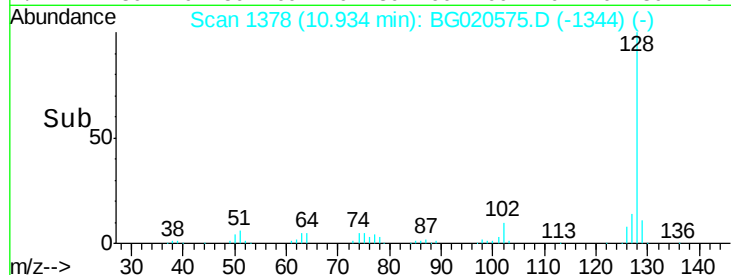
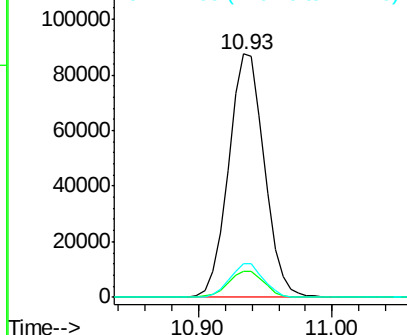
#28
Naphthalene
Concen: 56.70 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG020575.D
Acq: 28 Dec 2015 22:28

Instrument :
BNA_G
ClientSampleId :
D9N63DL

Tgt Ion:128 Resp: 163190
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.9 10.1 15.1

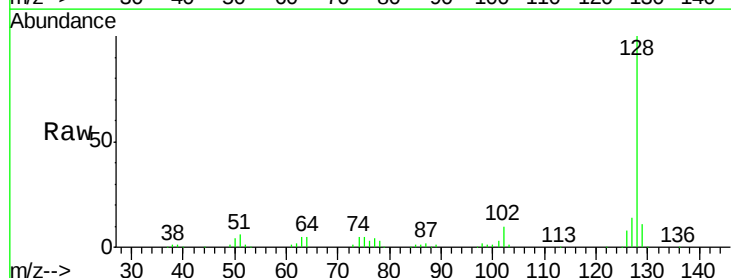


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

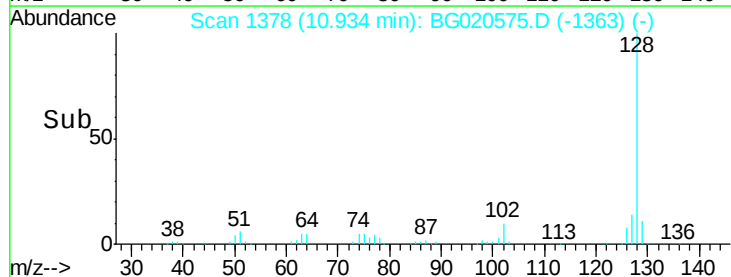
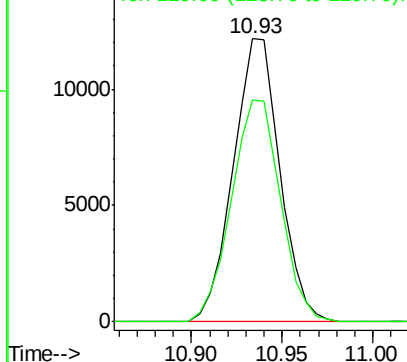


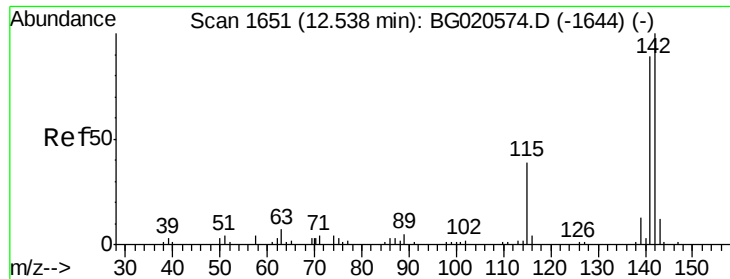
#30
4-Chloroaniline
Concen: 20.20 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020575.D
Acq: 28 Dec 2015 22:28

Tgt Ion:127 Resp: 21726
Ion Ratio Lower Upper
127 100
129 78.4 25.7 38.5#



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

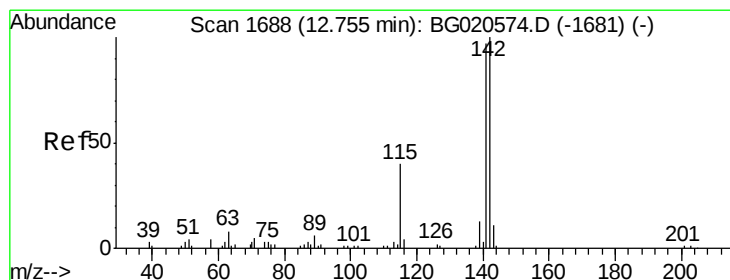
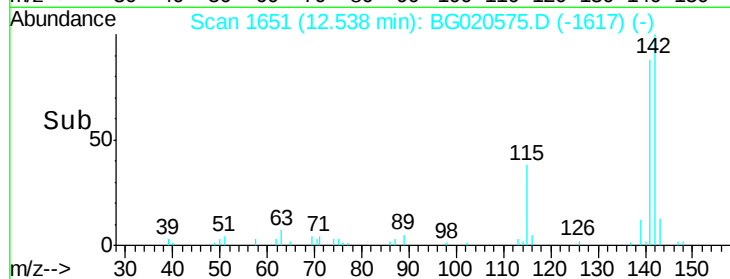
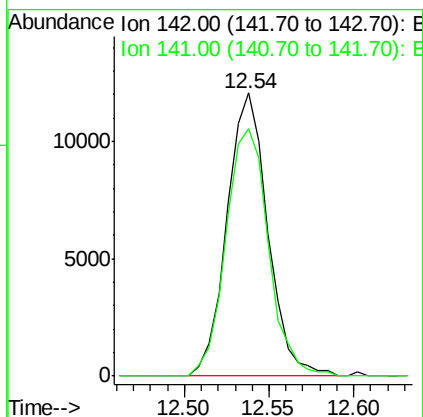
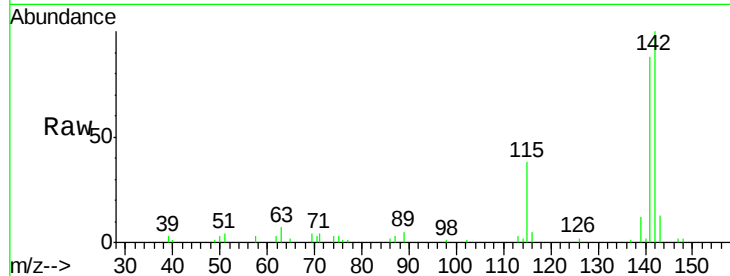




#34
 2-Methylnaphthalene
 Concen: 9.50 ng/ul
 RT: 12.54 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BG020575.D
 Acq: 28 Dec 2015 22:28

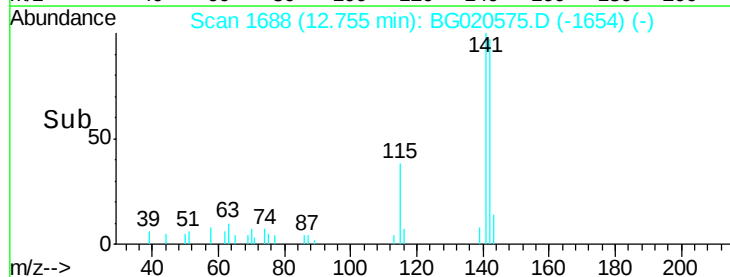
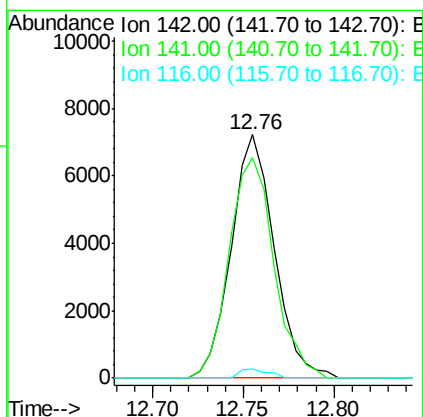
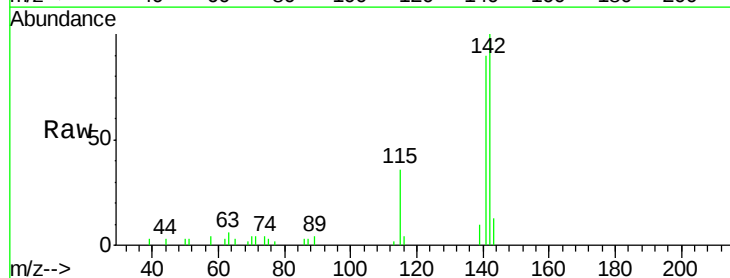
Instrument :
 BNA_G
 ClientSampleId :
 D9N63DL

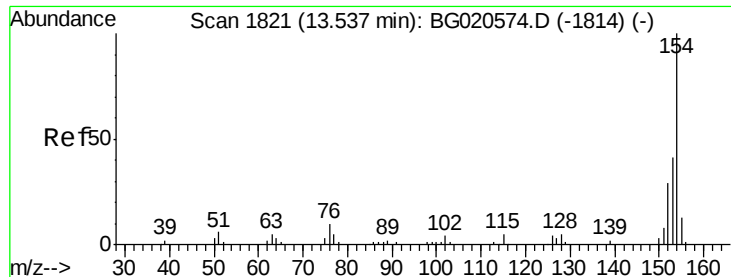
Tgt Ion:142 Resp: 20238
 Ion Ratio Lower Upper
 142 100
 141 87.6 74.9 112.3



#35
 1-Methylnaphthalene
 Concen: 5.91 ng/ul
 RT: 12.76 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG020575.D
 Acq: 28 Dec 2015 22:28

Tgt Ion:142 Resp: 11962
 Ion Ratio Lower Upper
 142 100
 141 90.4 73.0 109.6
 116 4.0 3.0 4.6

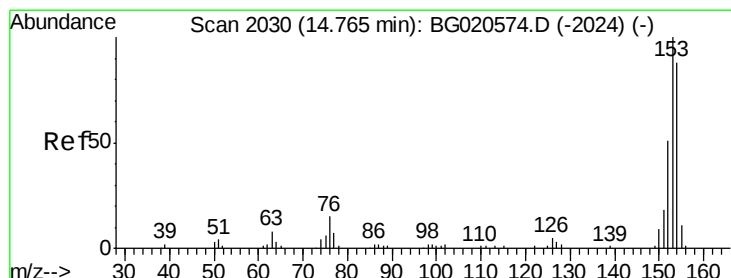
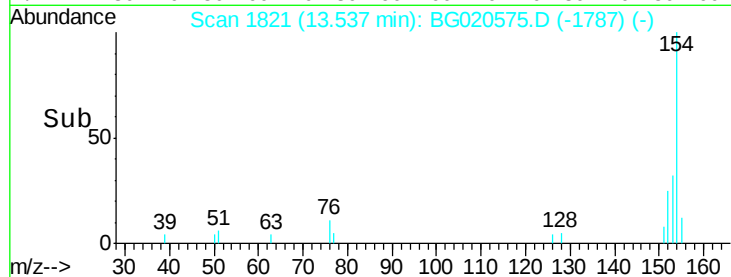
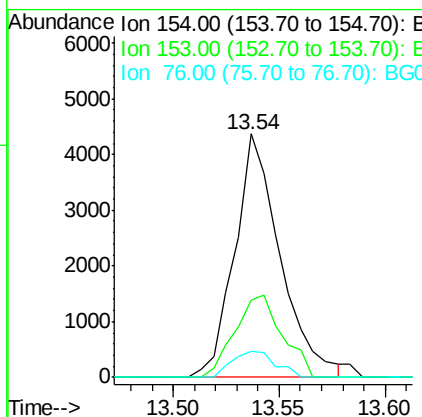
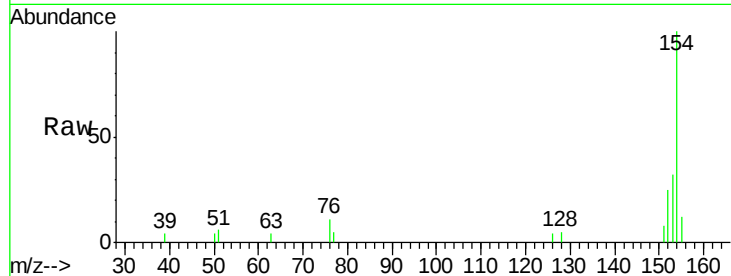




#41
 1,1'-Biphenyl
 Concen: 1.95 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG020575.D
 Acq: 28 Dec 2015 22:28

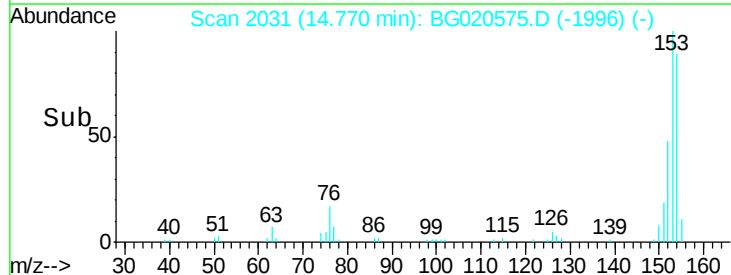
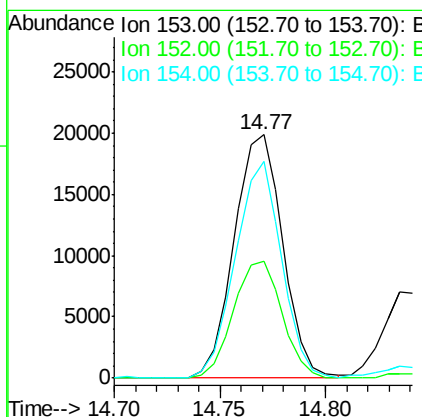
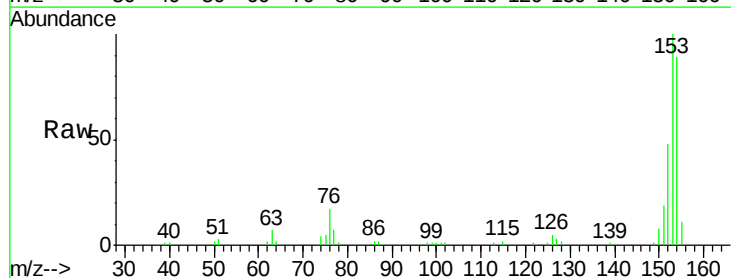
Instrument :
 BNA_G
 ClientSampleId :
 D9N63DL

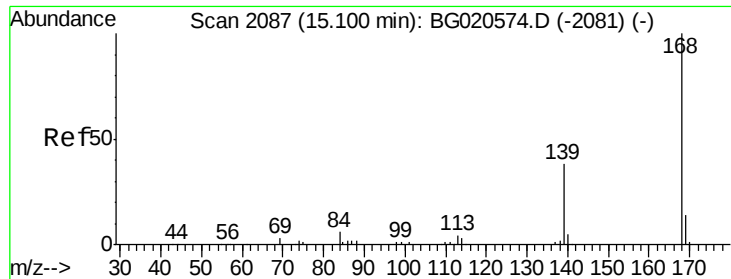
Tgt Ion:154 Resp: 6518
 Ion Ratio Lower Upper
 154 100
 153 31.6 35.5 53.3#
 76 10.6 10.4 15.6



#50
 Acenaphthene
 Concen: 10.80 ng/ul
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BG020575.D
 Acq: 28 Dec 2015 22:28

Tgt Ion:153 Resp: 31698
 Ion Ratio Lower Upper
 153 100
 152 48.1 37.6 56.4
 154 88.8 67.9 101.9





#54

Dibenzenofuran

Concen: 6.17 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG020575.D

Acq: 28 Dec 2015 22:28

Instrument :

BNA_G

ClientSampleId :

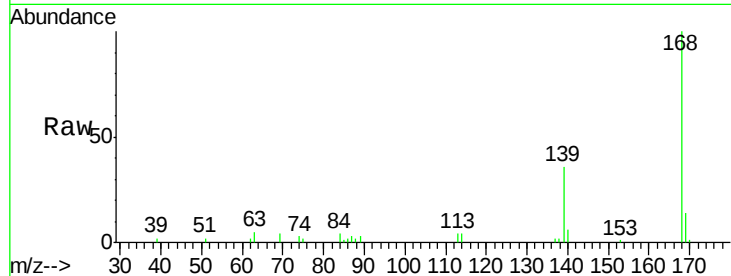
D9N63DL

Tgt Ion:168 Resp: 26932

Ion Ratio Lower Upper

168 100

139 36.4 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

15000

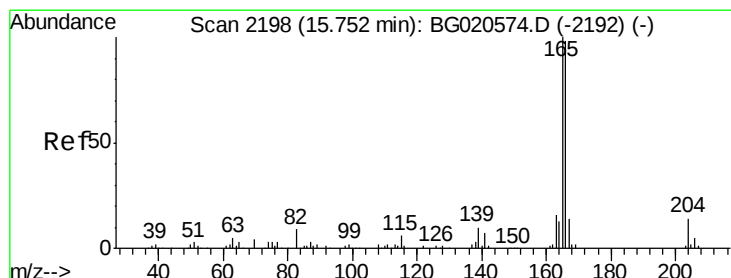
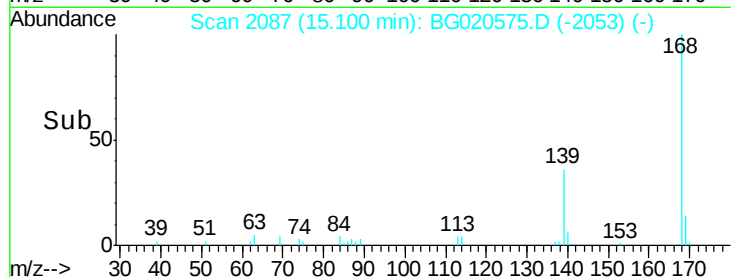
10000

5000

0

Time-->

15.05 15.10 15.15



#59

Fluorene

Concen: 5.39 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG020575.D

Acq: 28 Dec 2015 22:28

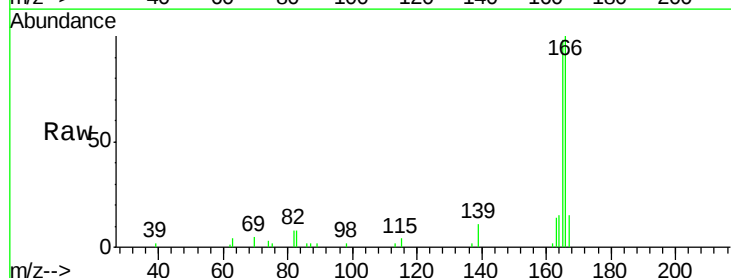
Tgt Ion:166 Resp: 19067

Ion Ratio Lower Upper

166 100

165 98.3 81.4 122.0

167 14.7 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

15.75

15000

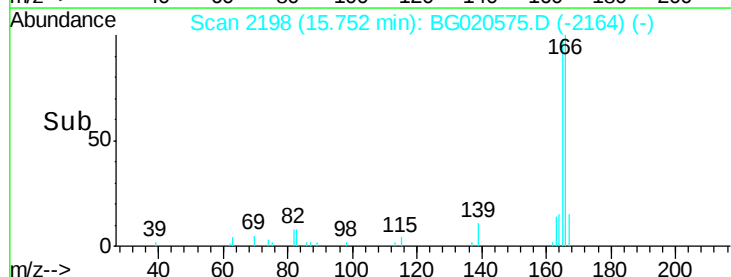
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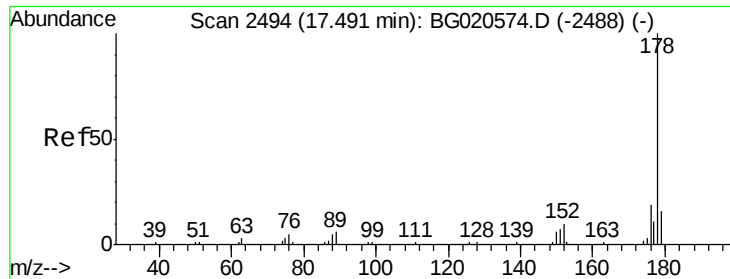
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Time-->

15.70 15.75 15.80

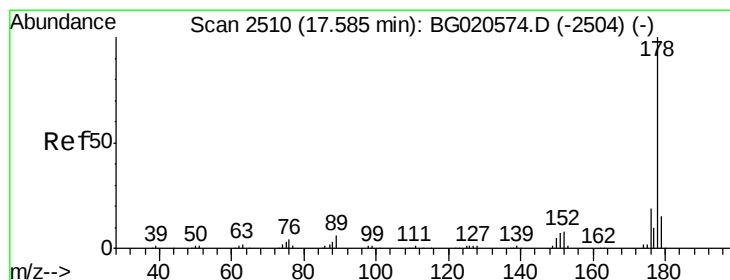
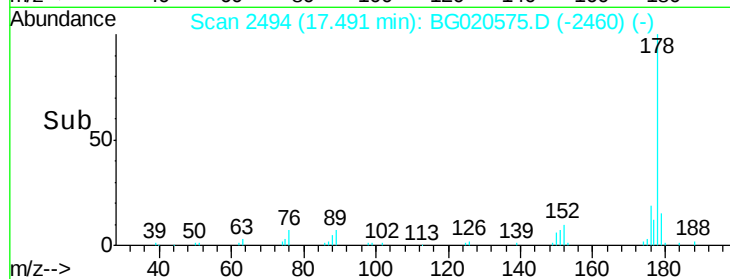
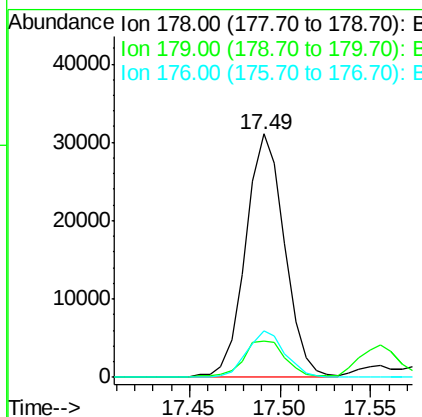
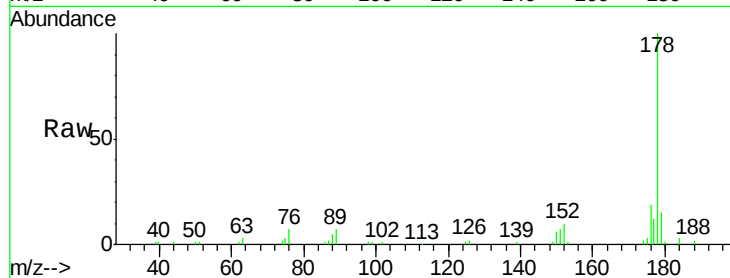




#70
Phenanthrene
Concen: 6.48 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG020575.D
Acq: 28 Dec 2015 22:28

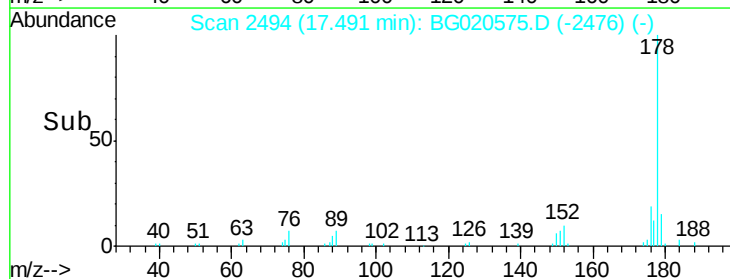
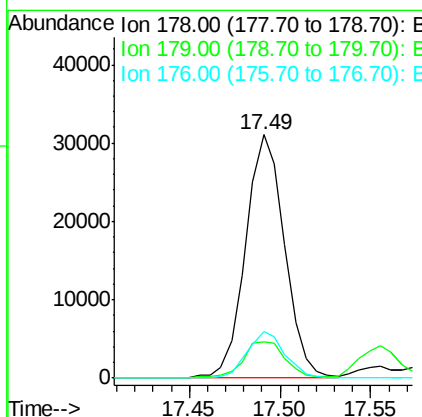
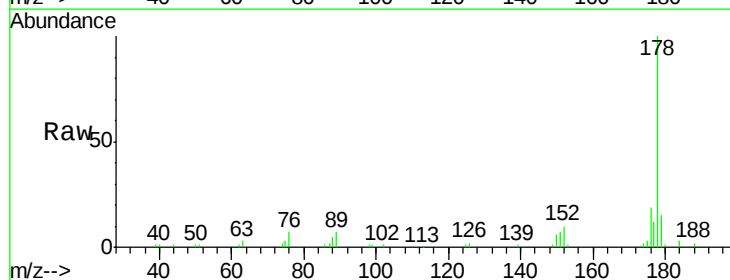
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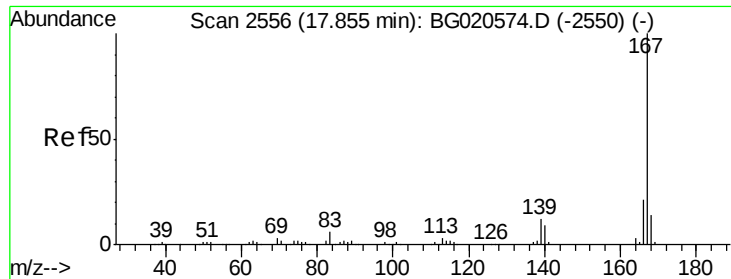
Tgt Ion:178 Resp: 46537
Ion Ratio Lower Upper
178 100
179 14.9 12.9 19.3
176 19.3 15.3 22.9



#72
Anthracene
Concen: 6.34 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. -0.09 min
Lab File: BG020575.D
Acq: 28 Dec 2015 22:28

Tgt Ion:178 Resp: 46537
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 19.3 14.3 21.5





#75

Carbazole

Concen: 7.47 ng/ul

RT: 17.86 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BG020575.D

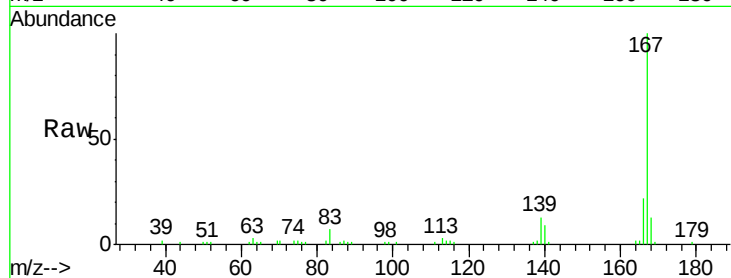
Acq: 28 Dec 2015 22:28

Instrument :

BNA_G

ClientSampleId :

D9N63DL



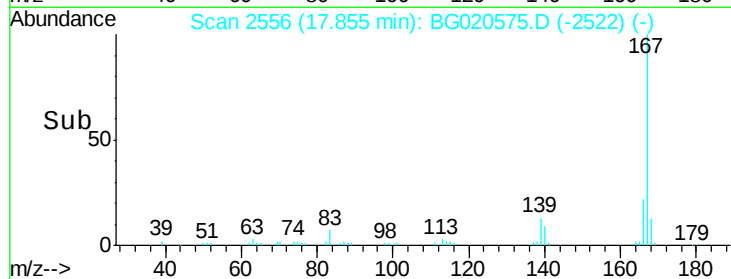
Tgt Ion:167 Resp: 46196

Ion Ratio Lower Upper

167 100

166 22.4 17.0 25.6

139 12.9 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

