

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
 Data File : BG020583.D
 Acq On : 29 Dec 2015 3:40
 Operator : UM/SJ
 Sample : G4847-09DL 100X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N73DL

Quant Time: Dec 29 05:11:37 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	12810	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	55628	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	44370	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	130420	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	176648	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	166443	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	14.10	166	1952	0.53	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	2168	0.51	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	2079	0.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	4022	0.66	ng/ul	0.00
79) Pyrene-d10	19.83	212	4486	0.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	4173	0.50	ng/ul	0.00

Target Compounds

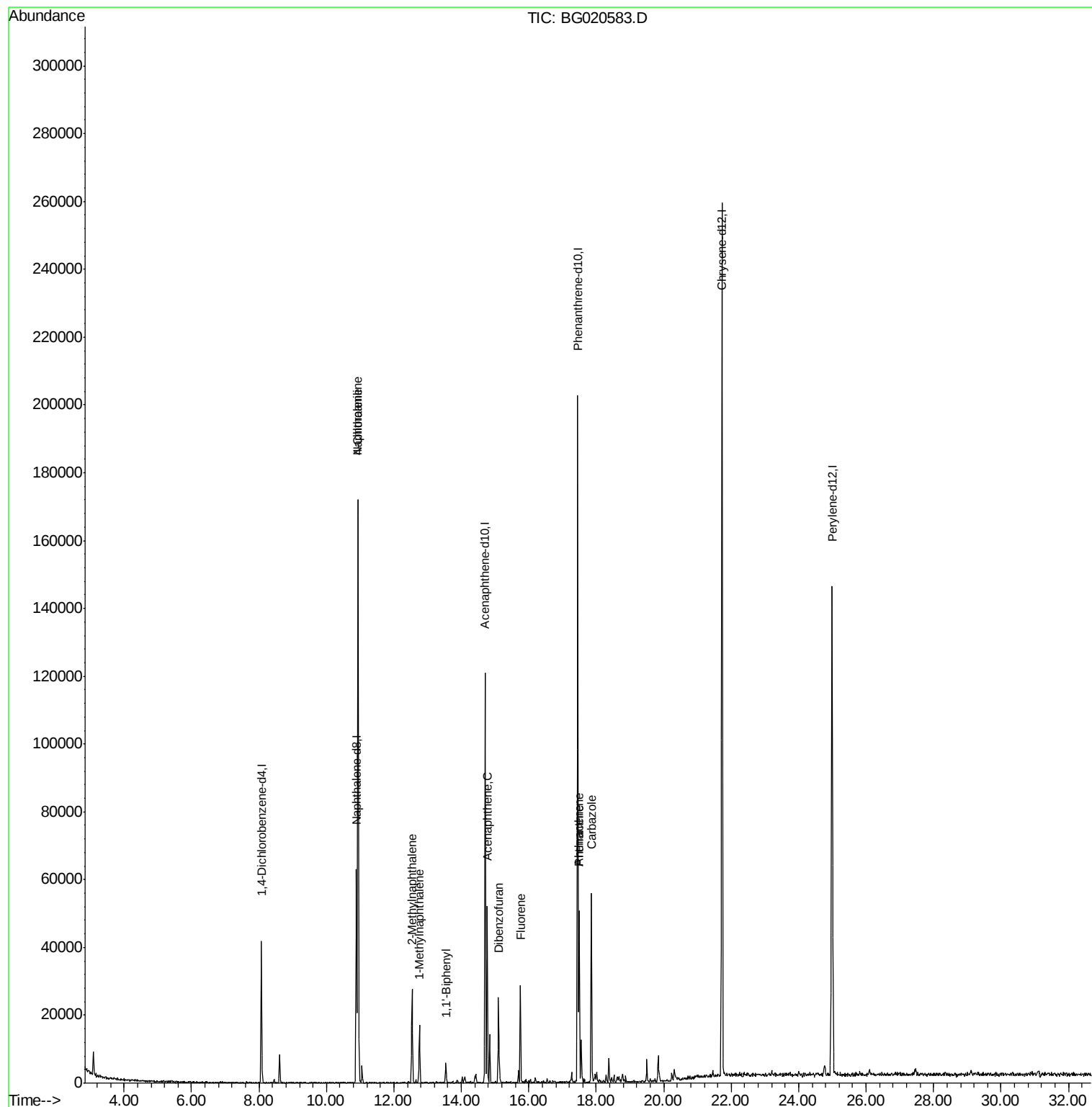
					Qvalue
28) Naphthalene	10.93	128	151674	51.29 ng/ul	99
30) 4-Chloroaniline	10.94	127	19960	18.06 ng/ul#	15
34) 2-Methylnaphthalene	12.54	142	15167	6.93 ng/ul	99
35) 1-Methylnaphthalene	12.76	142	8719	4.19 ng/ul#	83
41) 1,1'-Biphenyl	13.54	154	4616	1.35 ng/ul	100
50) Acenaphthene	14.77	153	23914	7.94 ng/ul	98
54) Dibenzofuran	15.11	168	19833	4.43 ng/ul	98
59) Fluorene	15.75	166	13991	3.85 ng/ul	96
70) Phenanthrene	17.49	178	33823	4.66 ng/ul	98
72) Anthracene	17.49	178	33823	4.56 ng/ul	96
75) Carbazole	17.86	167	41329	6.61 ng/ul	99

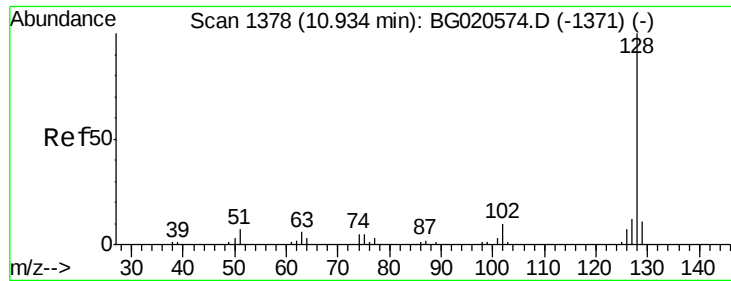
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 51.29 ng/ul

RT: 10.93 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BG020583.D

Acq: 29 Dec 2015 3:40

Instrument :

BNA_G

ClientSampleId :

D9N73DL

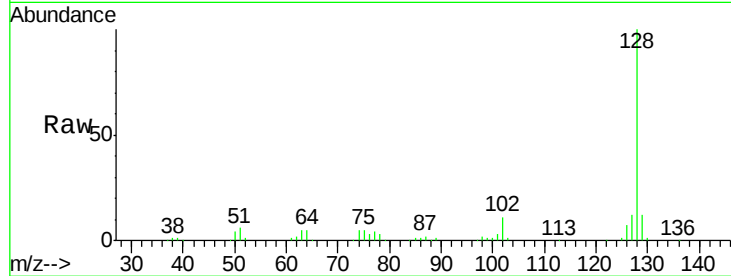
Tgt Ion:128 Resp: 151674

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

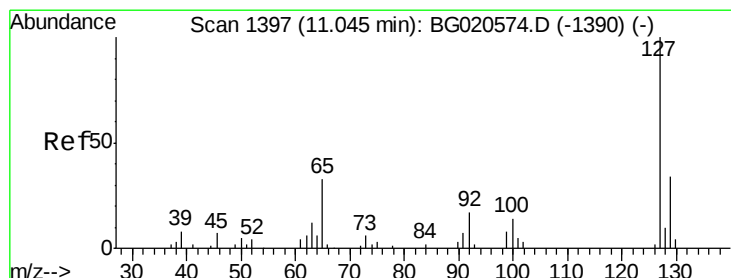
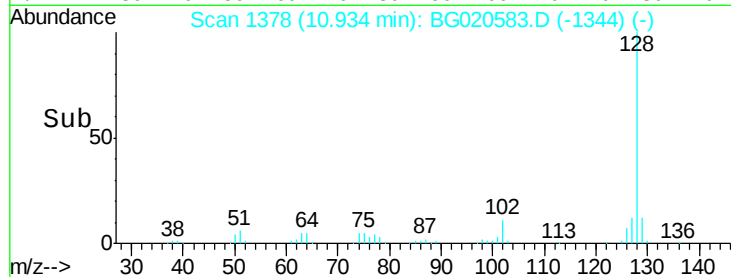
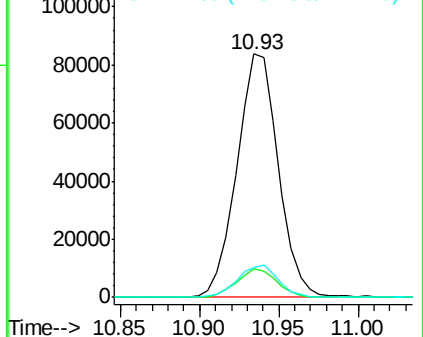
127 12.4 10.1 15.1



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: 18.06 ng/ul

RT: 10.94 min Scan# 1379

Delta R.T. -0.11 min

Lab File: BG020583.D

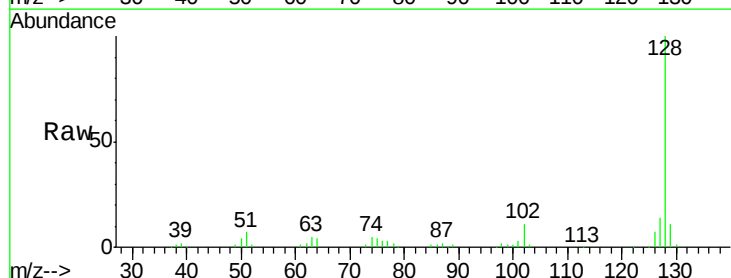
Acq: 29 Dec 2015 3:40

Tgt Ion:127 Resp: 19960

Ion Ratio Lower Upper

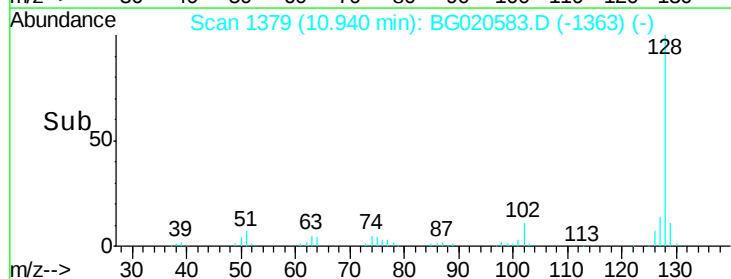
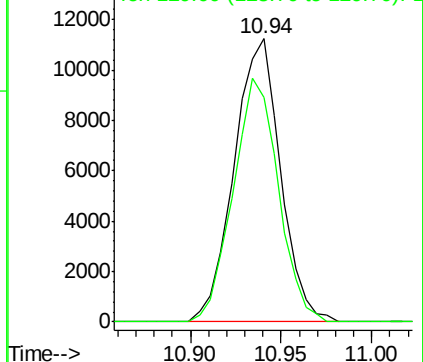
127 100

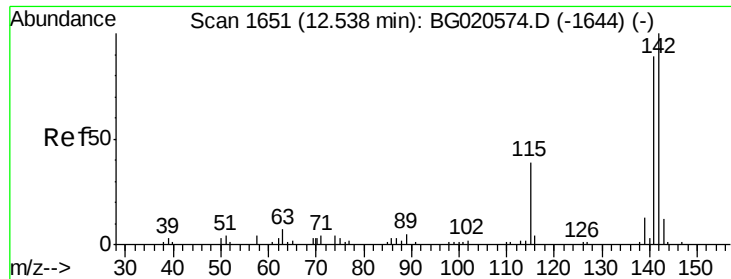
129 79.3 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

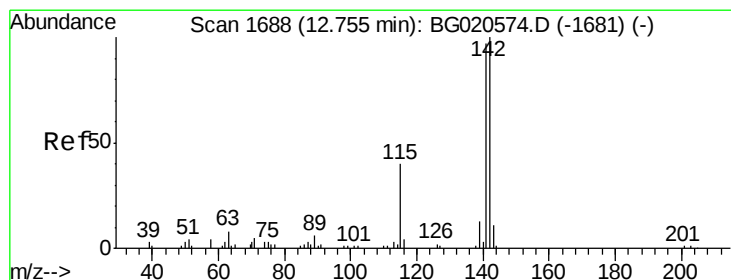
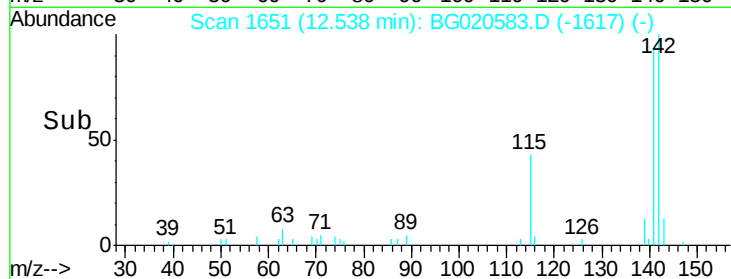
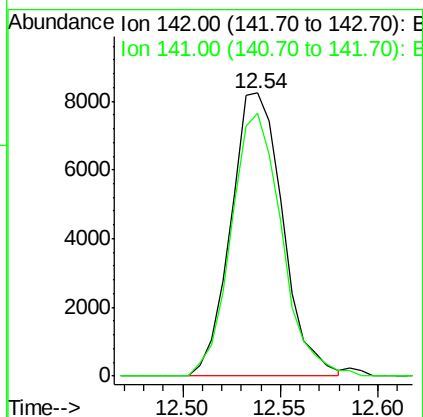
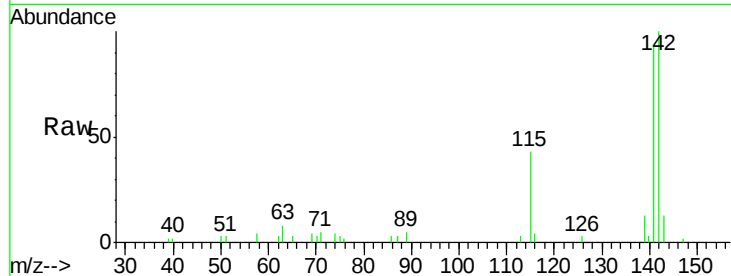




#34
 2-Methylnaphthalene
 Concen: 6.93 ng/ul
 RT: 12.54 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BG020583.D
 Acq: 29 Dec 2015 3:40

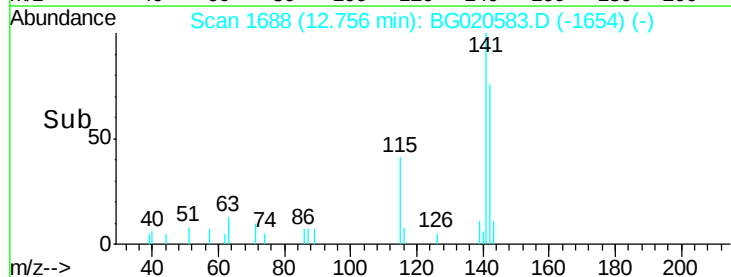
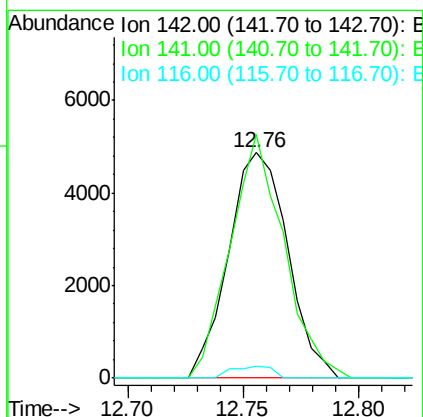
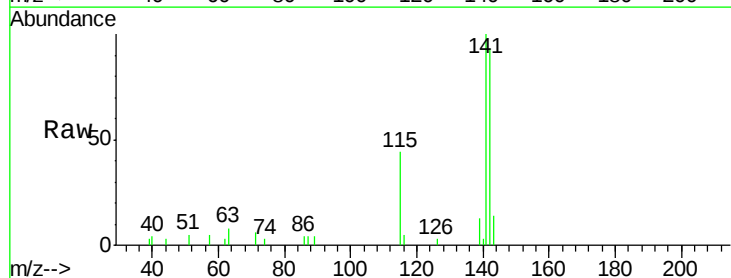
Instrument :
 BNA_G
 ClientSampleId :
 D9N73DL

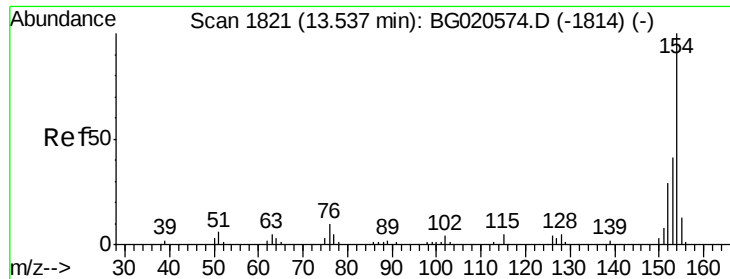
Tgt Ion:142 Resp: 15167
 Ion Ratio Lower Upper
 142 100
 141 92.8 74.9 112.3



#35
 1-Methylnaphthalene
 Concen: 4.19 ng/ul
 RT: 12.76 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG020583.D
 Acq: 29 Dec 2015 3:40

Tgt Ion:142 Resp: 8719
 Ion Ratio Lower Upper
 142 100
 141 108.0 73.0 109.6
 116 5.3 3.0 4.6#

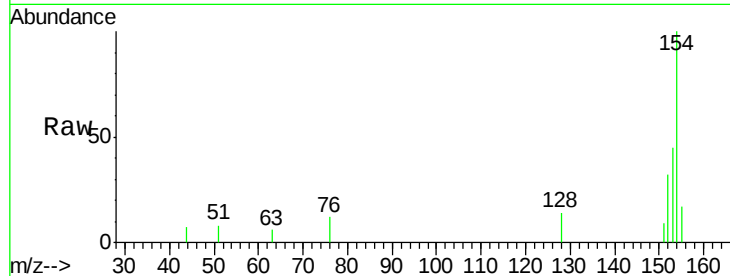




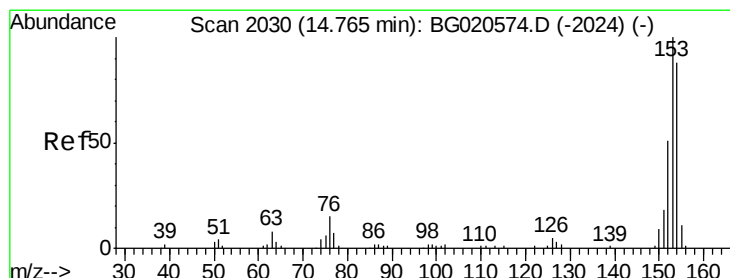
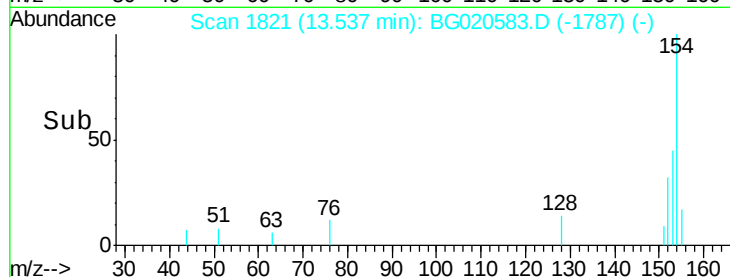
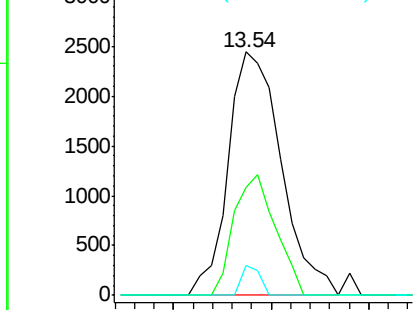
#41
 1,1'-Biphenyl
 Concen: 1.35 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG020583.D
 Acq: 29 Dec 2015 3:40

Instrument :
 BNA_G
 ClientSampleId :
 D9N73DL

Tgt Ion:154 Resp: 4616
 Ion Ratio Lower Upper
 154 100
 153 44.5 35.5 53.3
 76 12.4 10.4 15.6

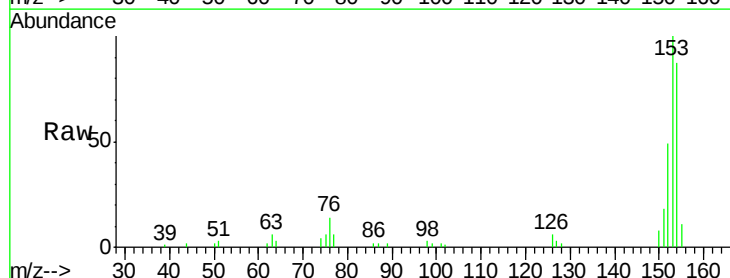


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

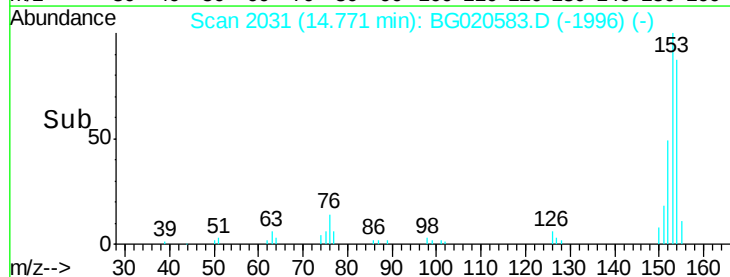
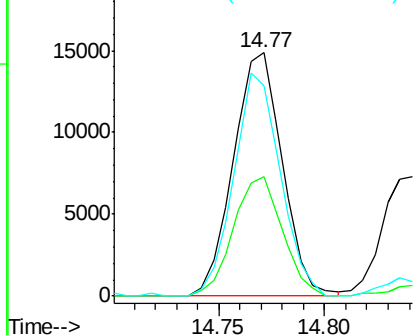


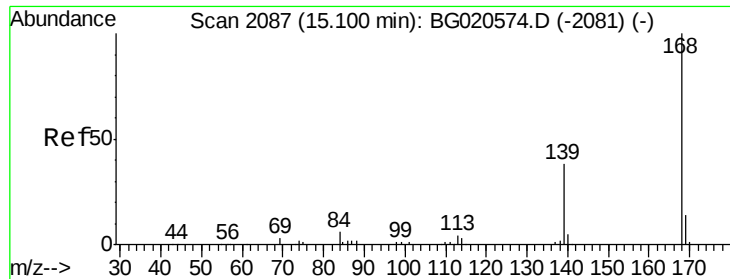
#50
 Acenaphthene
 Concen: 7.94 ng/ul
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BG020583.D
 Acq: 29 Dec 2015 3:40

Tgt Ion:153 Resp: 23914
 Ion Ratio Lower Upper
 153 100
 152 48.9 37.6 56.4
 154 86.6 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: 4.43 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG020583.D

Acq: 29 Dec 2015 3:40

Instrument :

BNA_G

ClientSampleId :

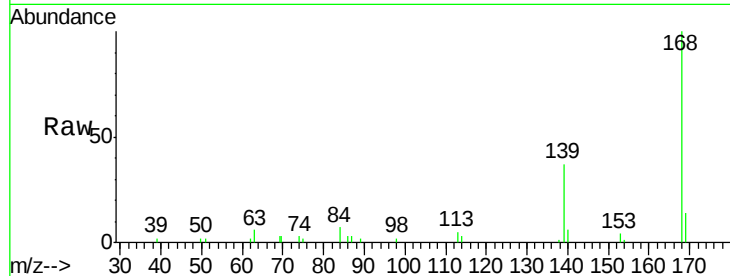
D9N73DL

Tgt Ion:168 Resp: 19833

Ion Ratio Lower Upper

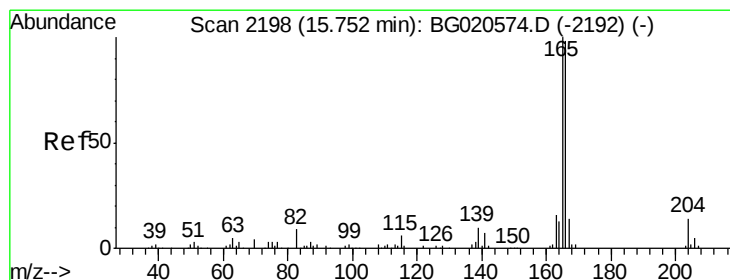
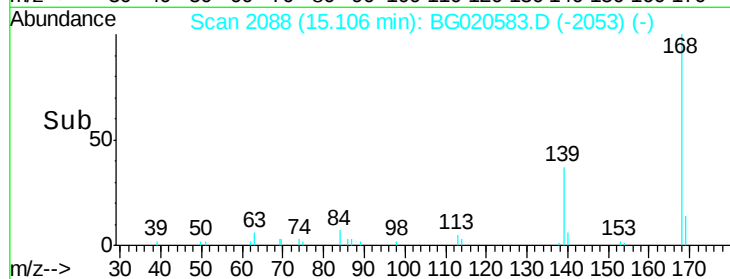
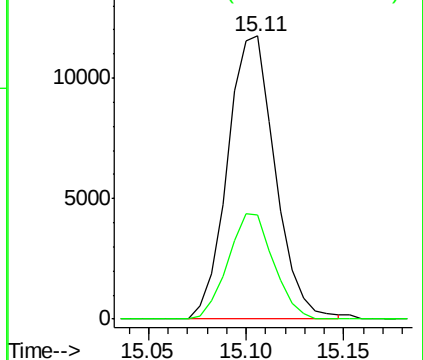
168 100

139 36.8 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: 3.85 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020583.D

Acq: 29 Dec 2015 3:40

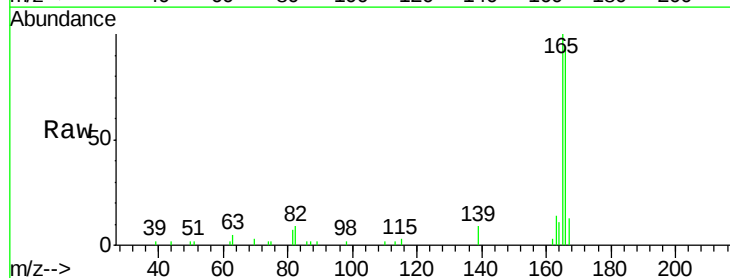
Tgt Ion:166 Resp: 13991

Ion Ratio Lower Upper

166 100

165 106.6 81.4 122.0

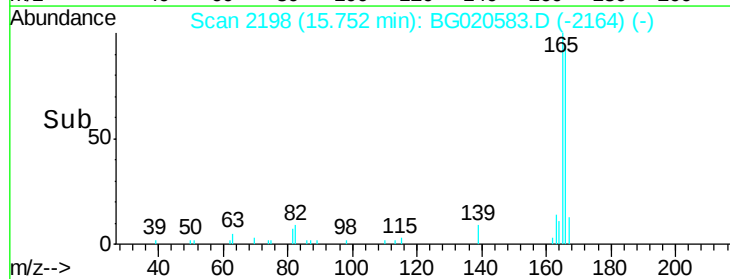
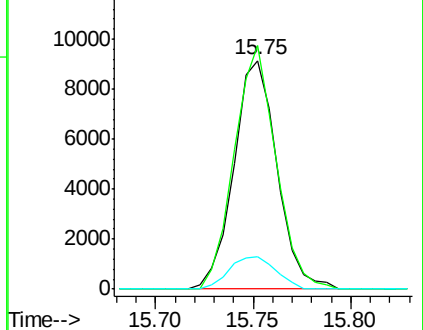
167 13.9 11.2 16.8

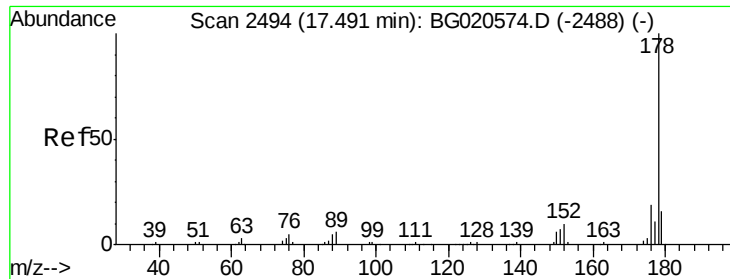


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 4.66 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. 0.00 min

Lab File: BG020583.D

Acq: 29 Dec 2015 3:40

Instrument :

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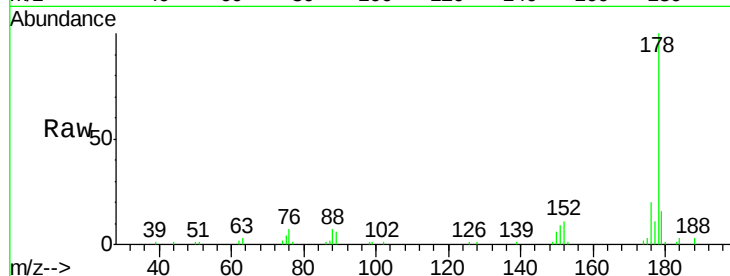
Tgt Ion:178 Resp: 33823

Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

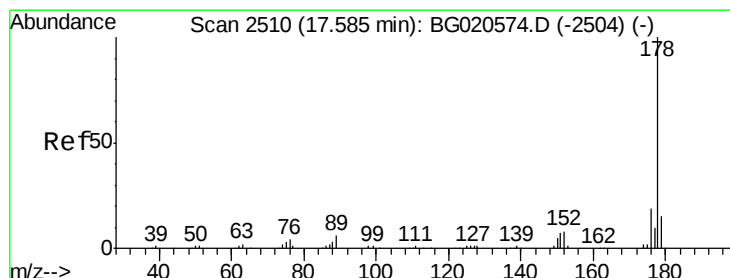
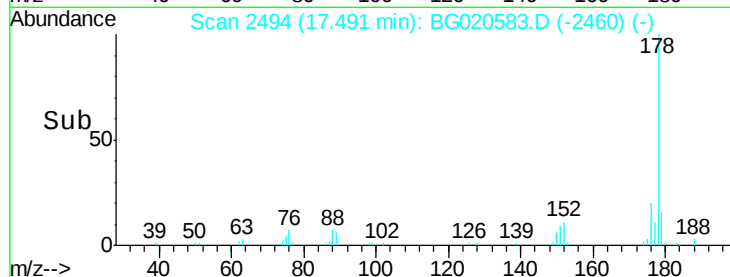
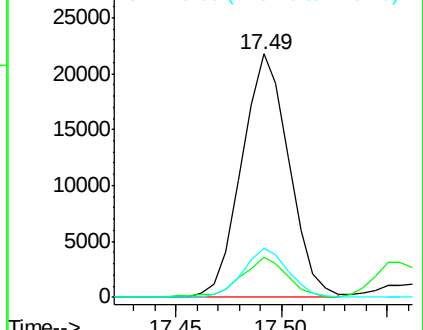
176 20.2 15.3 22.9



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: 4.56 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.09 min

Lab File: BG020583.D

Acq: 29 Dec 2015 3:40

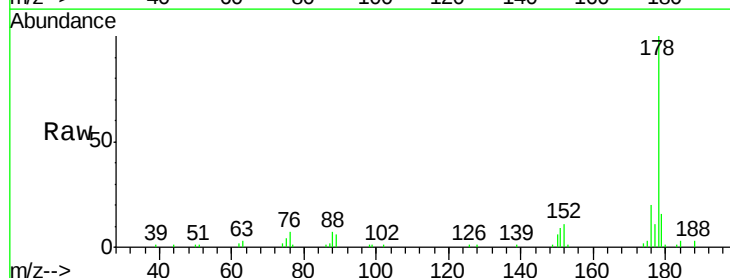
Tgt Ion:178 Resp: 33823

Ion Ratio Lower Upper

178 100

179 16.4 12.3 18.5

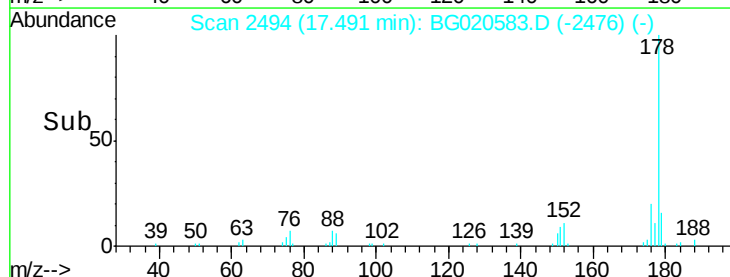
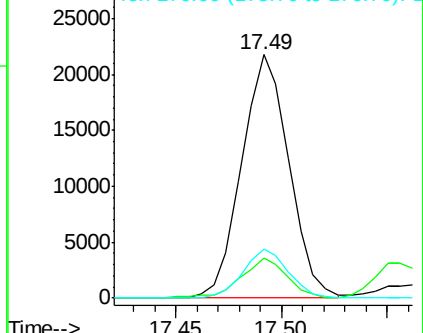
176 20.2 14.3 21.5

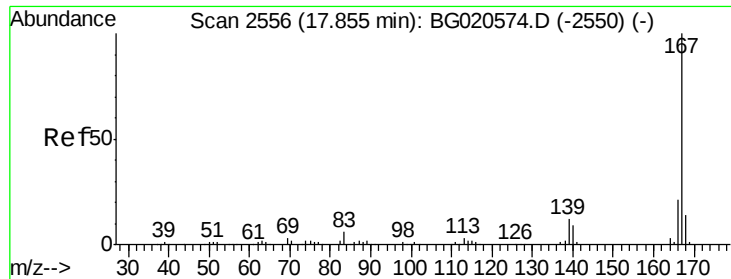


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 6.61 ng/ul

RT: 17.86 min Scan# 2556

Delta R.T. 0.00 min

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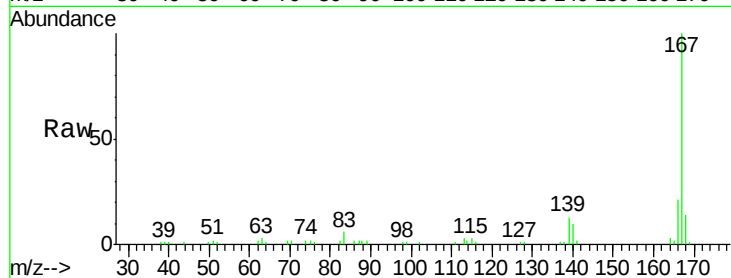
Tgt Ion:167 Resp: 41329

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

139 13.3 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

