

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
 Data File : BG020582.D
 Acq On : 29 Dec 2015 3:01
 Operator : UM/SJ
 Sample : G4847-08DL 30X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72DL

Quant Time: Dec 29 06:23:22 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	11538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	52677	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	41121	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	124160	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	174344	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	161751	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.40	67	343	0.63	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	3744	1.10	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	4150	1.06	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	3654	1.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	7416	1.28	ng/ul	0.00
79) Pyrene-d10	19.84	212	8758	1.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	8575	1.05	ng/ul	0.00

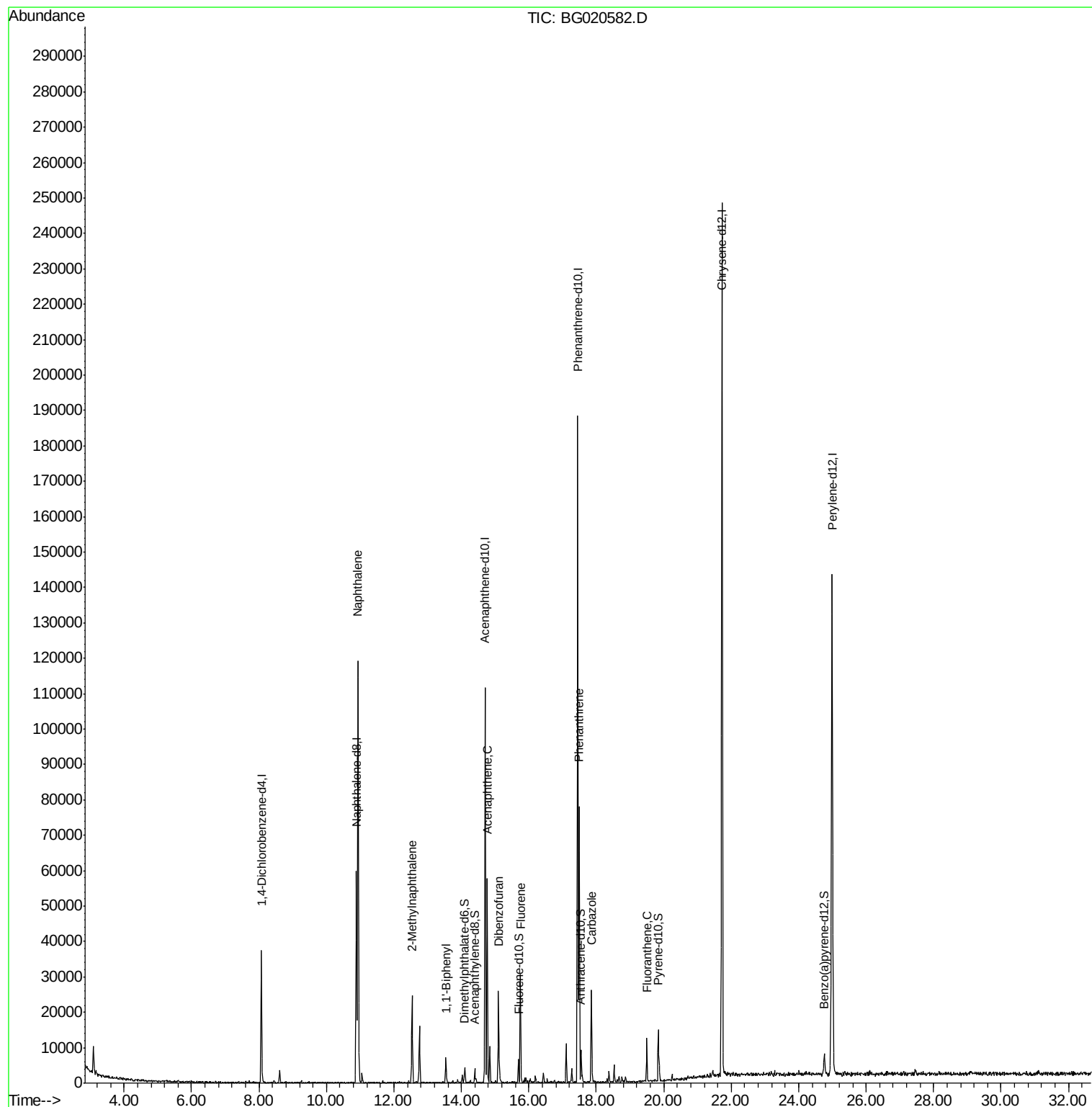
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.93	128	104563	37.34	ng/ul	97
34) 2-Methylnaphthalene	12.54	142	13159	6.35	ng/ul	100
41) 1,1'-Biphenyl	13.54	154	5011	1.58	ng/ul	94
50) Acenaphthene	14.76	153	25837	9.26	ng/ul	97
54) Dibenzofuran	15.10	168	20446	4.92	ng/ul	93
59) Fluorene	15.75	166	15000	4.46	ng/ul	99
70) Phenanthrene	17.49	178	50787	7.35	ng/ul	99
75) Carbazole	17.86	167	21157	3.55	ng/ul	98
77) Fluoranthene	19.50	202	10127	1.17	ng/ul	98

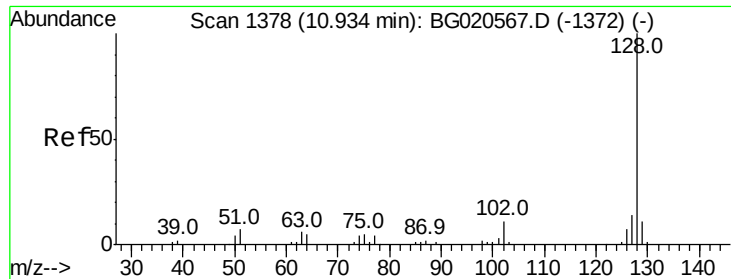
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 37.34 ng/ul

RT: 10.93 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BG020582.D

Acq: 29 Dec 2015 3:01

Instrument :

BNA_G

ClientSampleId :

D9N72DL

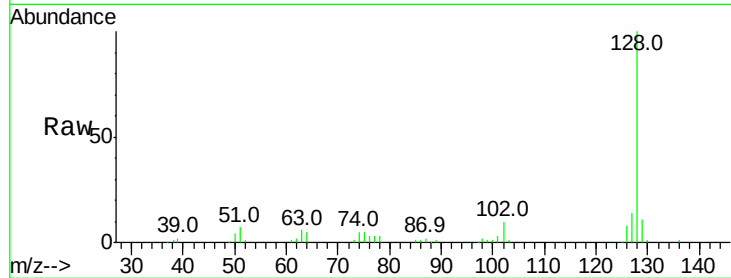
Tot Ion:128 Resp: 104563

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

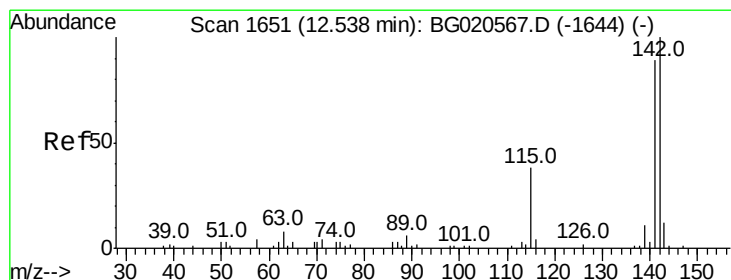
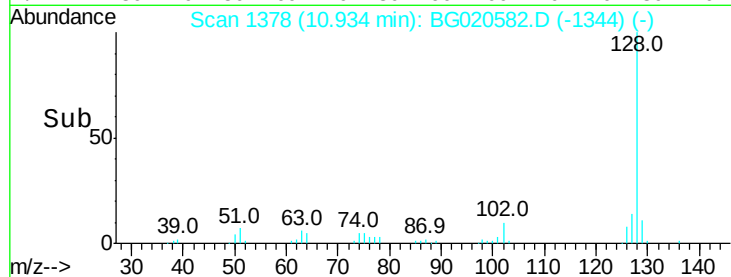
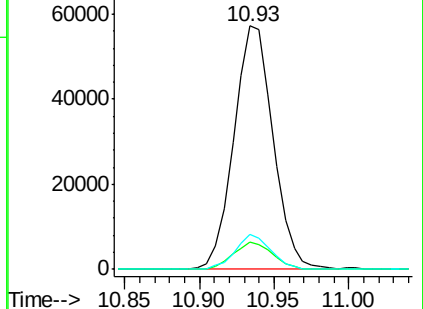
127 14.2 10.1 15.1



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



#34

2-Methylnaphthalene

Concen: 6.35 ng/ul

RT: 12.54 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BG020582.D

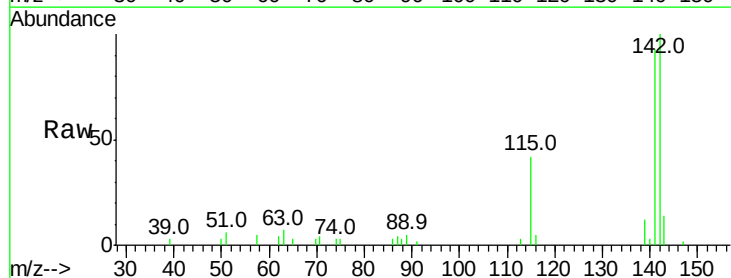
Acq: 29 Dec 2015 3:01

Tgt Ion:142 Resp: 13159

Ion Ratio Lower Upper

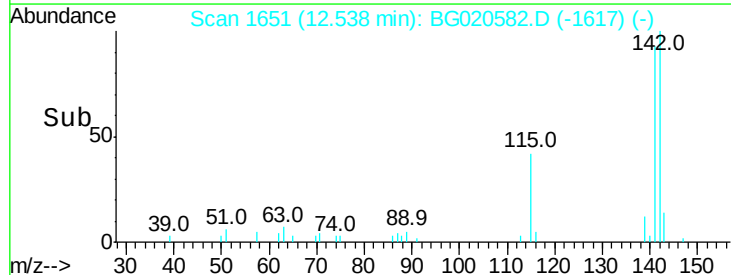
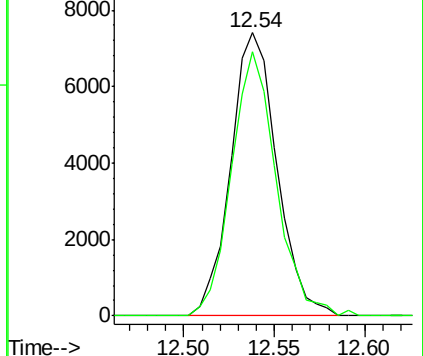
142 100

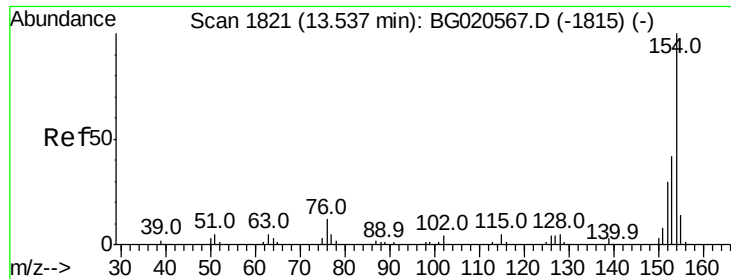
141 93.4 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

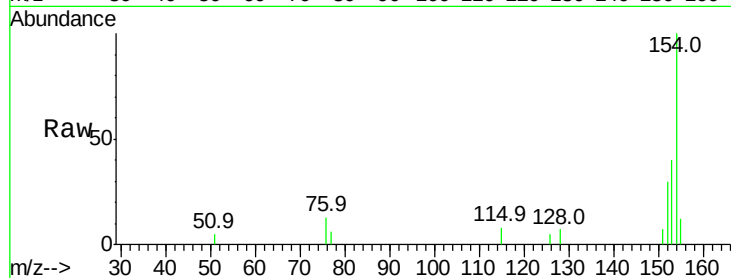




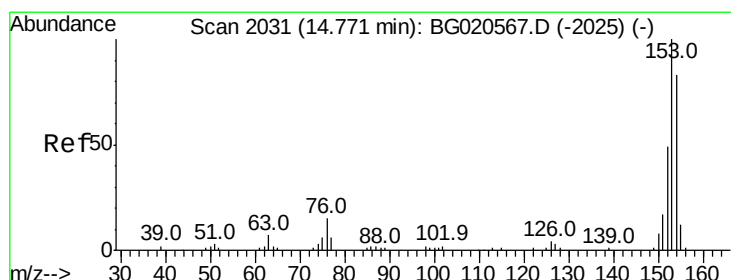
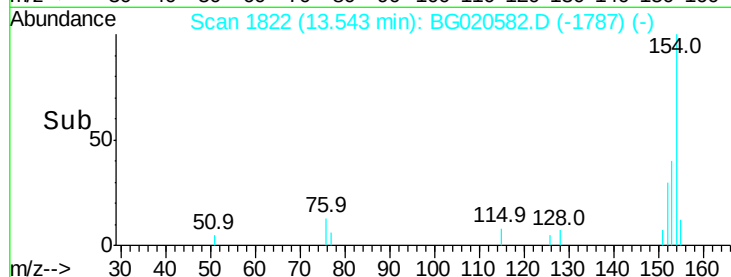
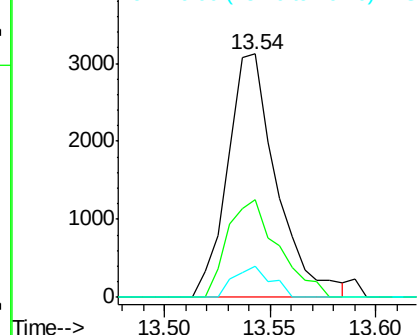
#41
 1,1'-Biphenyl
 Concen: 1.58 ng/ul
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG020582.D
 Acq: 29 Dec 2015 3:01

Instrument :
 BNA_G
 ClientSampleId :
 D9N72DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	35.5	53.3
76	12.6	10.4	15.6

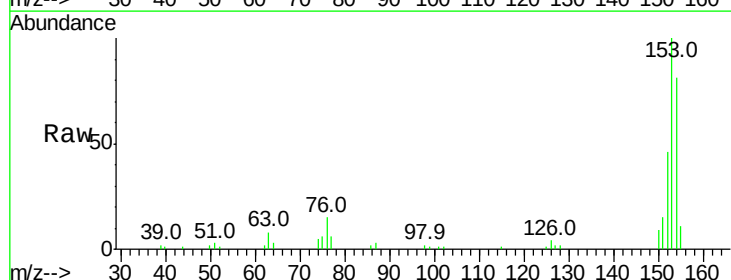


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

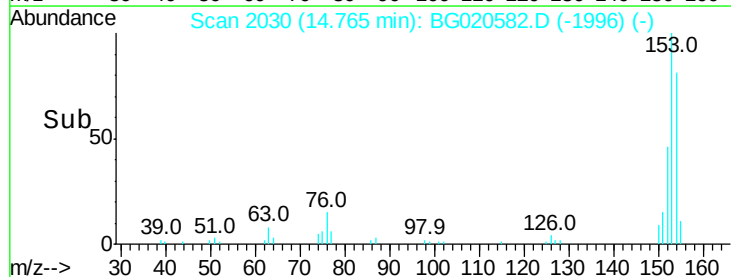
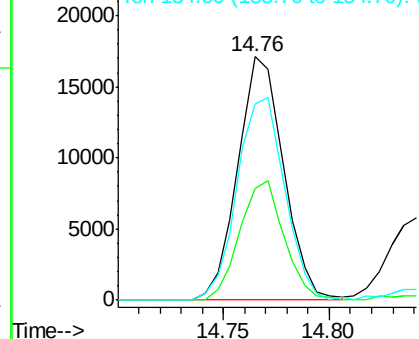


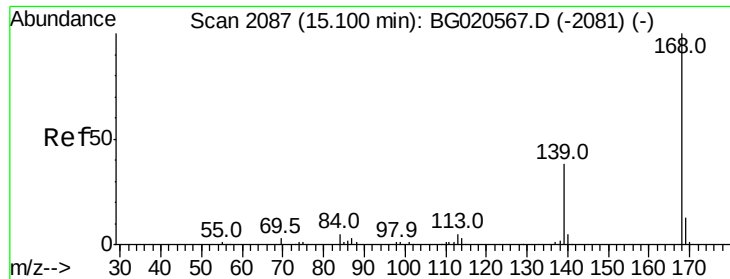
#50
 Acenaphthene
 Concen: 9.26 ng/ul
 RT: 14.76 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG020582.D
 Acq: 29 Dec 2015 3:01

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.1	37.6	56.4
154	80.7	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: 4.92 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG020582.D

Acq: 29 Dec 2015 3:01

Instrument :

BNA_G

ClientSampled :

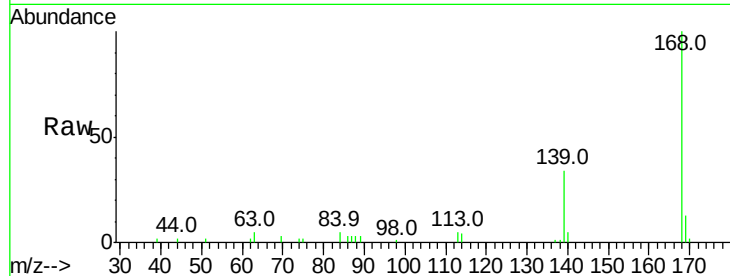
D9N72DL

Tot Ion:168 Resp: 20446

Ion Ratio Lower Upper

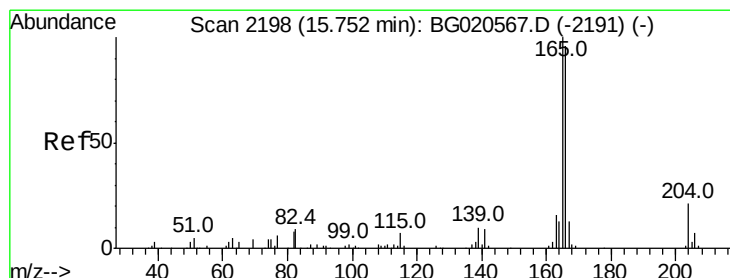
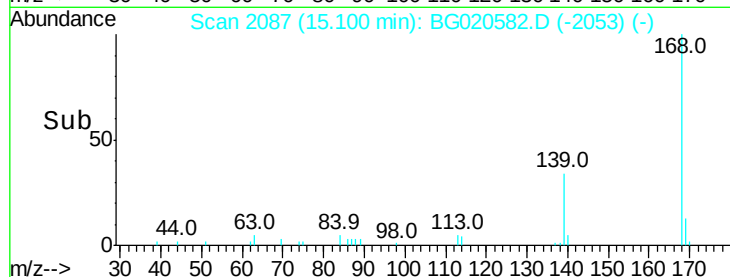
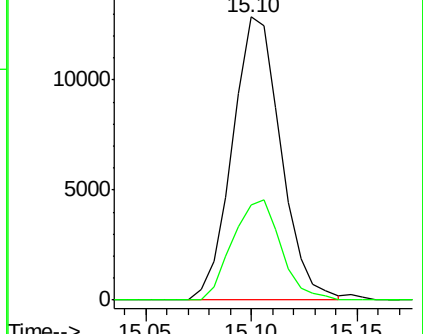
168 100

139 33.6 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: 4.46 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020582.D

Acq: 29 Dec 2015 3:01

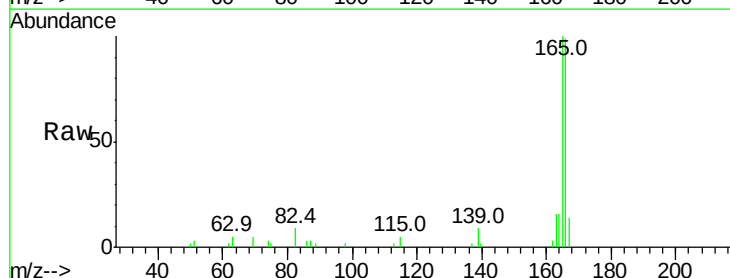
Tgt Ion:166 Resp: 15000

Ion Ratio Lower Upper

166 100

165 100.5 81.4 122.0

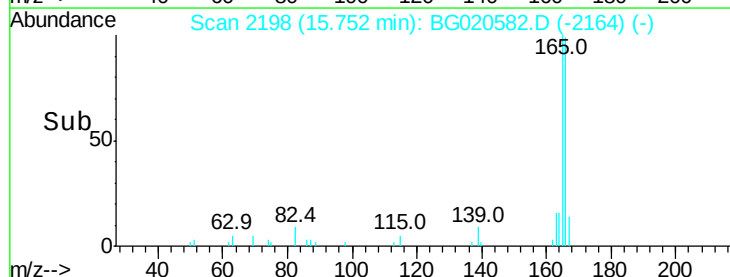
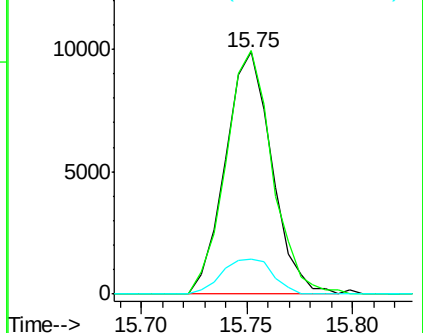
167 14.2 11.2 16.8

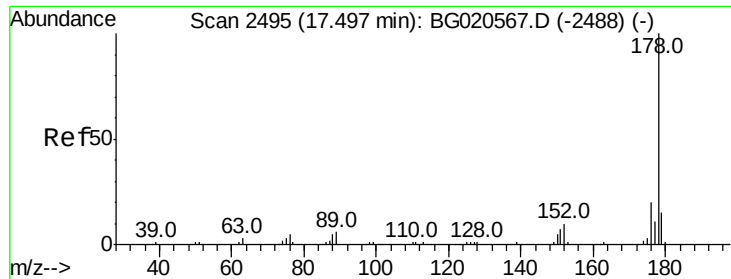


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 7.35 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. 0.00 min

Lab File: BG020582.D

Acq: 29 Dec 2015 3:01

Instrument :

BNA_G

ClientSampleId :

D9N72DL

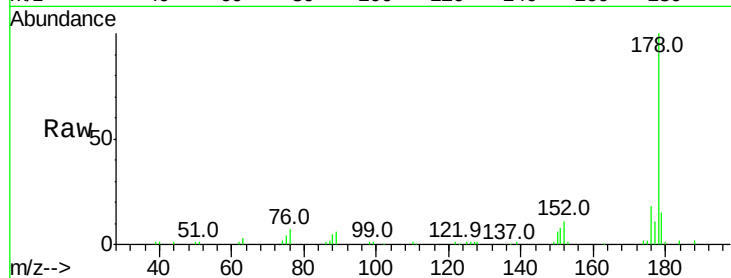
Tot Ion:178 Resp: 50787

Ion Ratio Lower Upper

178 100

179 15.4 12.9 19.3

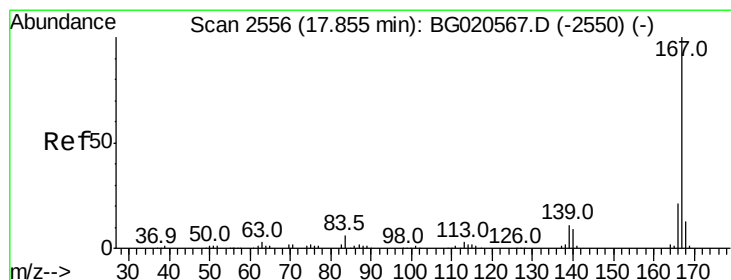
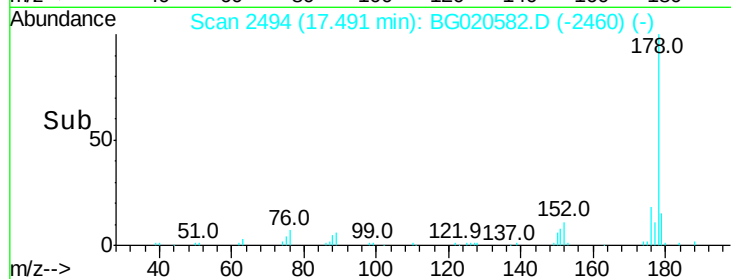
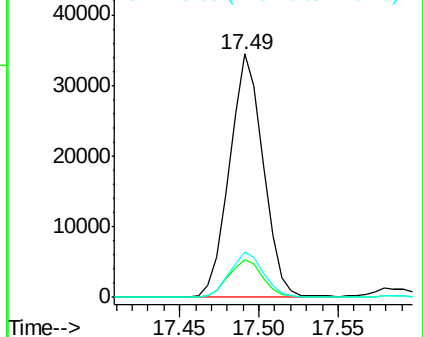
176 18.5 15.3 22.9



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



#75

Carbazole

Concen: 3.55 ng/ul

RT: 17.86 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BG020582.D

Acq: 29 Dec 2015 3:01

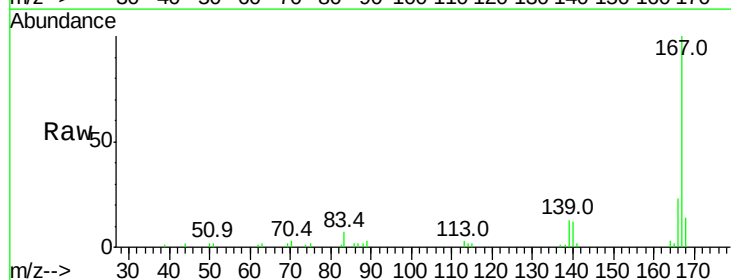
Tgt Ion:167 Resp: 21157

Ion Ratio Lower Upper

167 100

166 22.8 17.0 25.6

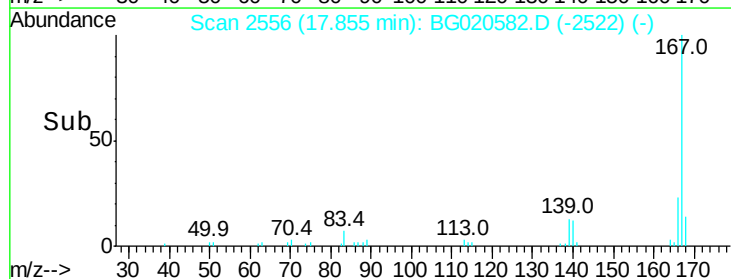
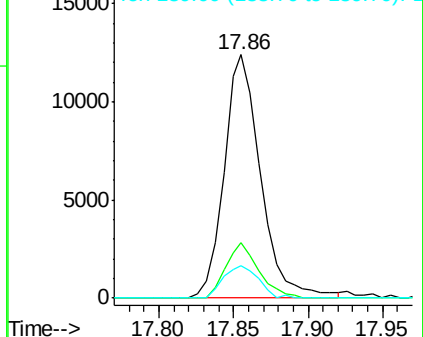
139 13.1 10.1 15.1

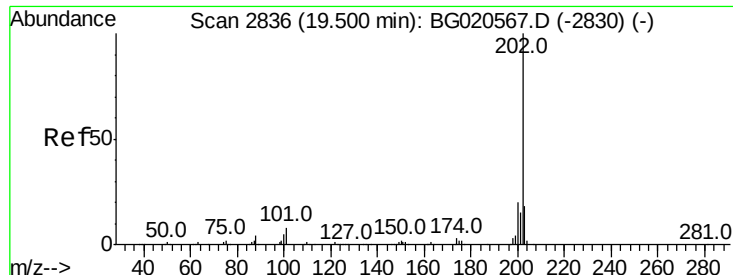


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 1.17 ng/ul

RT: 19.50 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG020582.D

Acq: 29 Dec 2015 3:01

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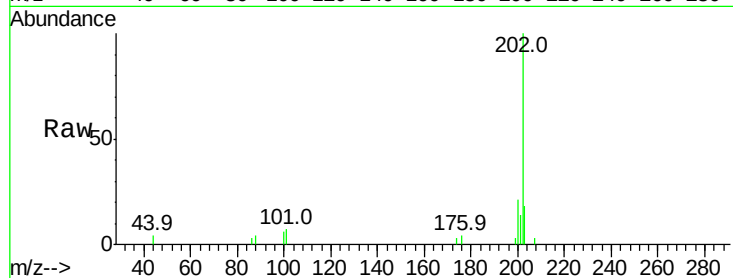
Tot Ion: 202 Resp: 10127

Ion Ratio Lower Upper

202 100

101 6.8 6.2 9.4

100 5.9 5.1 7.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

