

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
 Data File : BG020570.D
 Acq On : 28 Dec 2015 18:34
 Operator : UM/SJ
 Sample : G4846-12DL 50X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N58DL

Quant Time: Dec 29 02:59:21 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	11997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	52294	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	40238	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	124667	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	162839	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	156817	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	7.39	99	812	0.84	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	7.39	67	700	1.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	881	1.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	480	0.59	ng/ul	0.01
19) Nitrobenzene-d5	9.24	128	404	0.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	574	1.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	989	1.10	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	6083	1.83	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	6353	1.65	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	5910	1.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	10391	1.78	ng/ul	0.00
79) Pyrene-d10	19.83	212	13146	1.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	13435	1.69	ng/ul	0.00

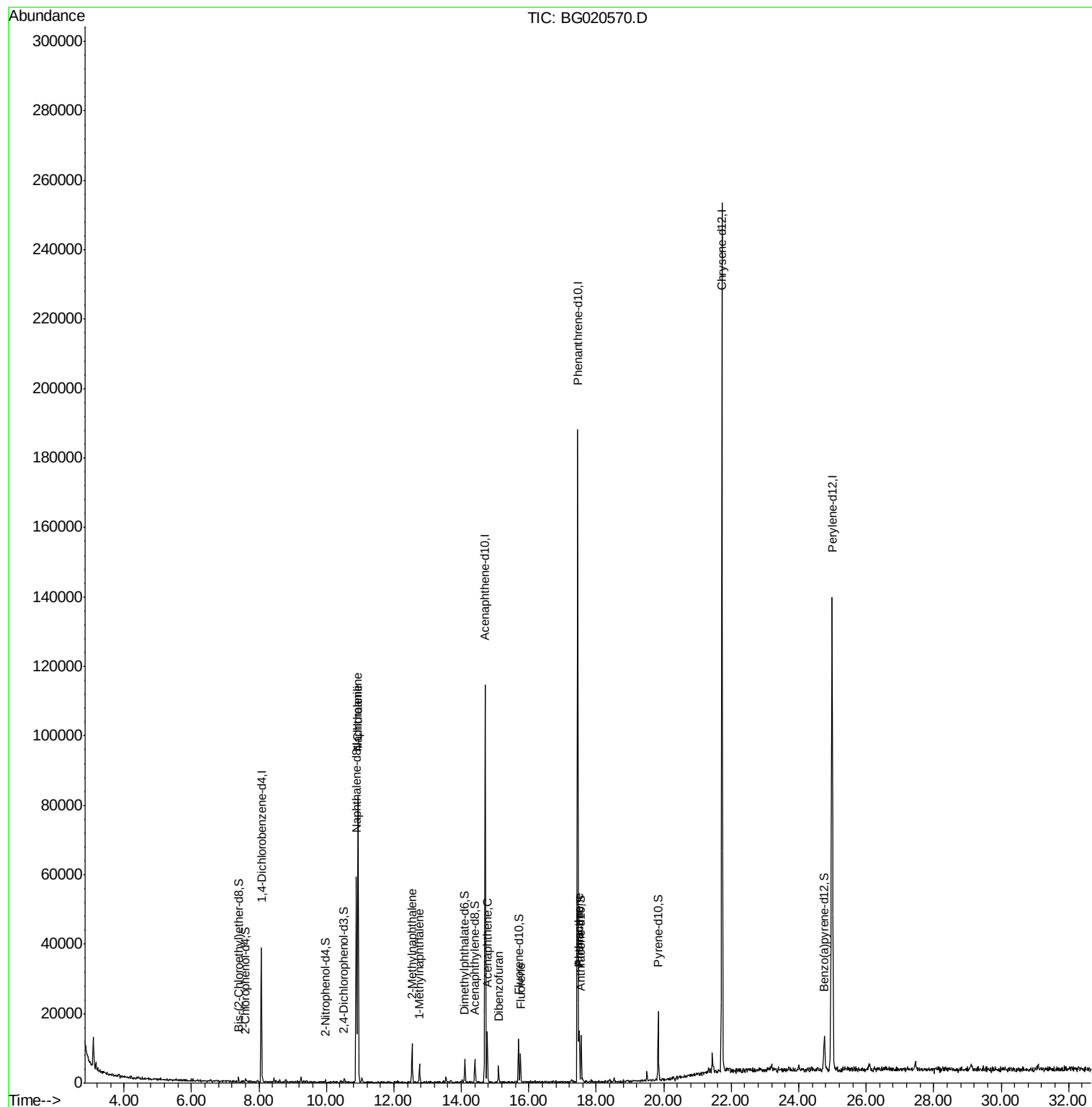
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.94	128	72501	26.08	ng/ul	98
30) 4-Chloroaniline	10.94	127	10146	9.77	ng/ul#	24
34) 2-Methylnaphthalene	12.54	142	6709	3.26	ng/ul	93
35) 1-Methylnaphthalene	12.75	142	3510	1.80	ng/ul#	90
50) Acenaphthene	14.77	153	6699	2.45	ng/ul	96
54) Dibenzofuran	15.10	168	4823	1.19	ng/ul	90
59) Fluorene	15.76	166	4784	1.45	ng/ul#	86
70) Phenanthrene	17.49	178	14157	2.04	ng/ul	97
72) Anthracene	17.49	178	14157	2.00	ng/ul	96

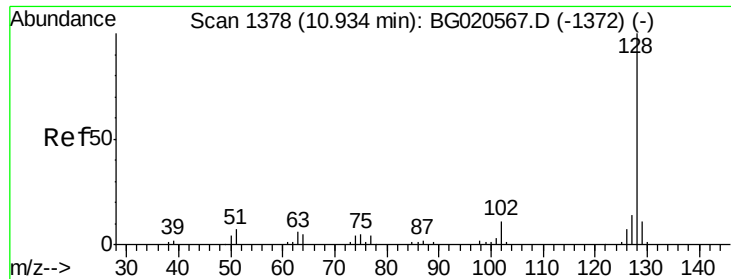
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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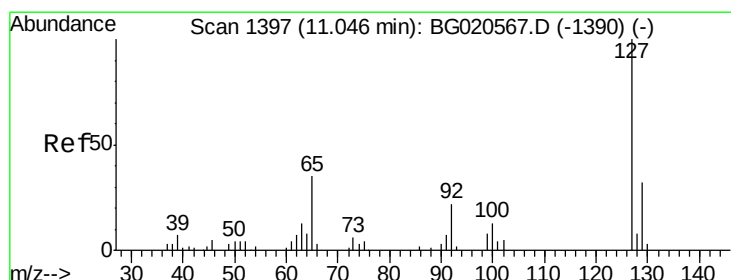
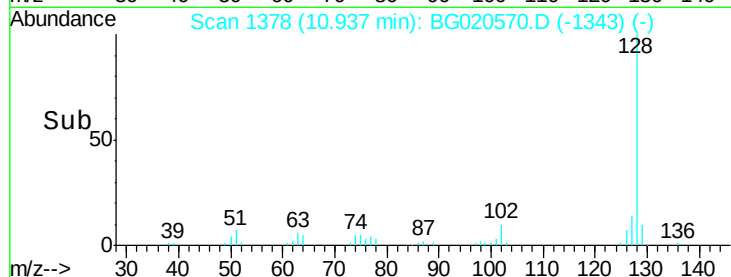
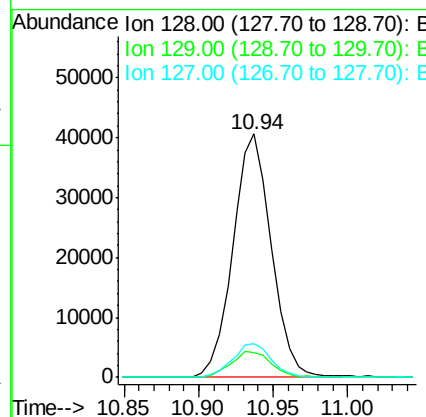
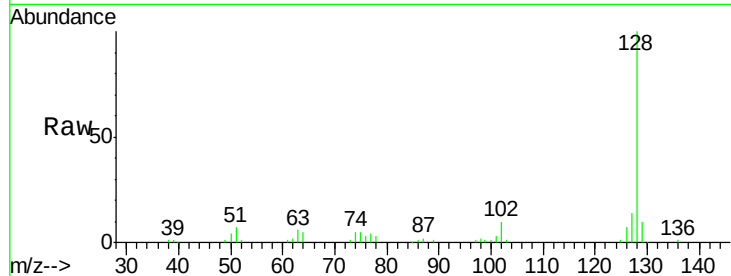




#28
Naphthalene
Concen: 26.08 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020570.D
Acq: 28 Dec 2015 18:34

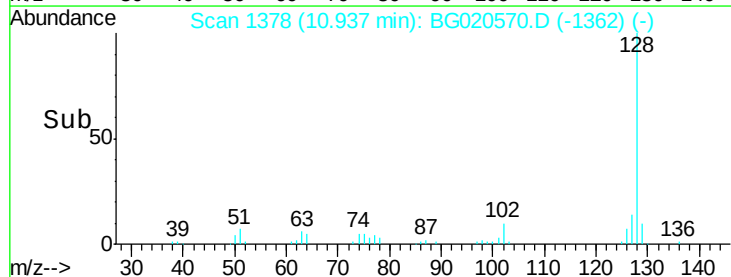
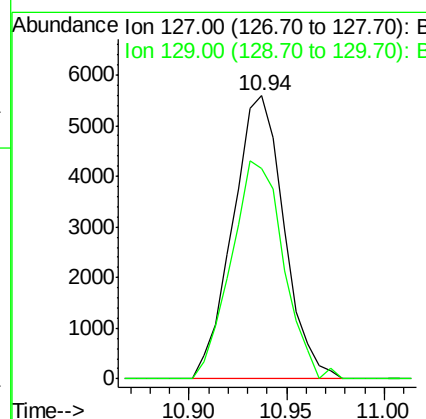
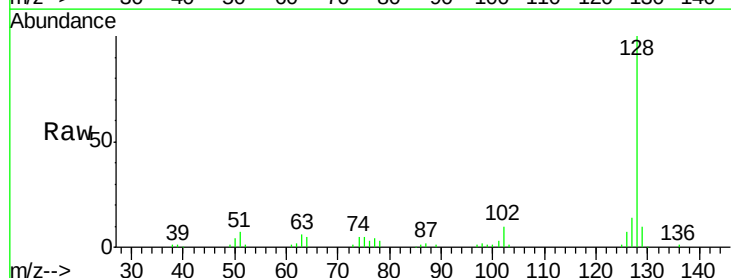
Instrument :
BNA_G
ClientSampleId :
D9N58DL

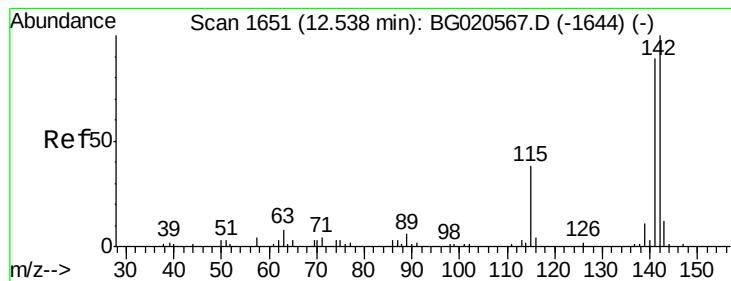
Tgt Ion:128 Resp: 72501
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 13.7 10.1 15.1



#30
4-Chloroaniline
Concen: 9.77 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020570.D
Acq: 28 Dec 2015 18:34

Tgt Ion:127 Resp: 10146
Ion Ratio Lower Upper
127 100
129 74.4 25.7 38.5#





#34

2-Methylnaphthalene

Concen: 3.26 ng/ul

RT: 12.54 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG020570.D

Acq: 28 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

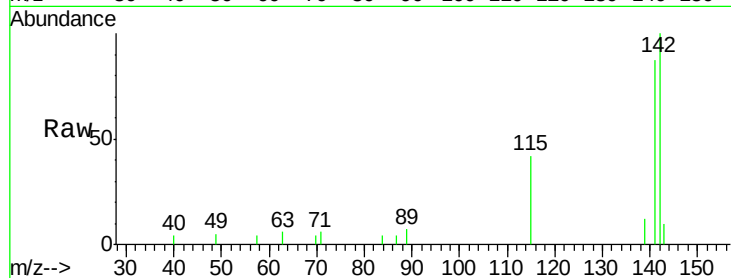
D9N58DL

Tgt Ion:142 Resp: 6709

Ion Ratio Lower Upper

142 100

141 87.3 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.54

4000

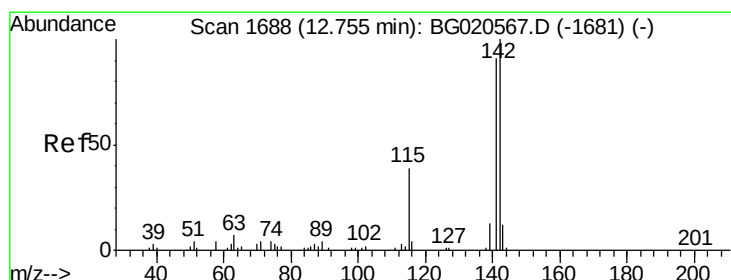
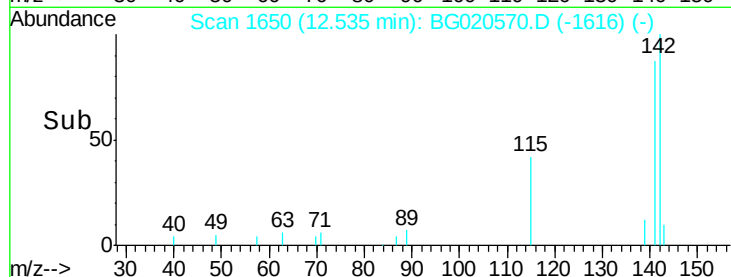
3000

2000

1000

0

Time--> 12.50 12.55 12.60



#35

1-Methylnaphthalene

Concen: 1.80 ng/ul

RT: 12.75 min Scan# 1687

Delta R.T. -0.00 min

Lab File: BG020570.D

Acq: 28 Dec 2015 18:34

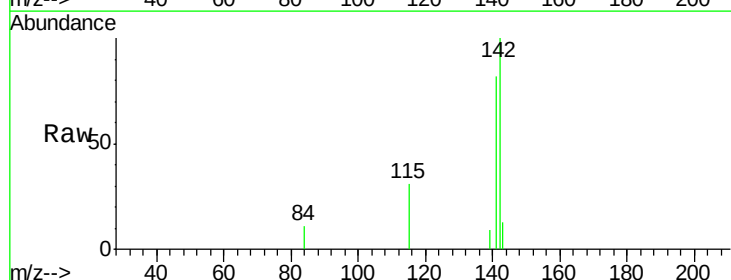
Tgt Ion:142 Resp: 3510

Ion Ratio Lower Upper

142 100

141 81.9 73.0 109.6

116 0.0 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

12.75

2500

2000

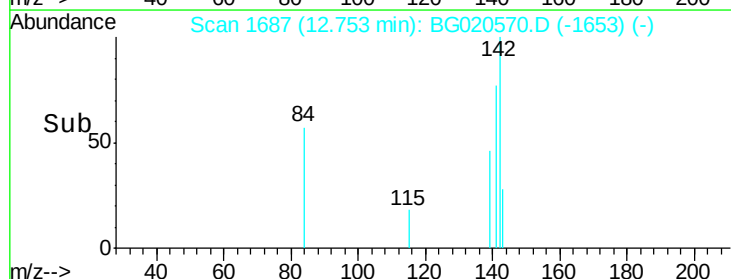
1500

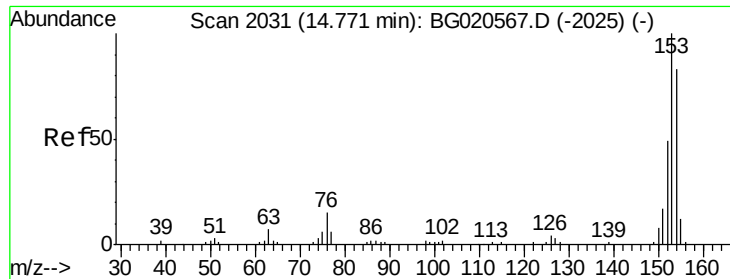
1000

500

0

Time--> 12.70 12.75 12.80





#50

Acenaphthene

Concen: 2.45 ng/ul

RT: 14.77 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG020570.D

Acq: 28 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

D9N58DL

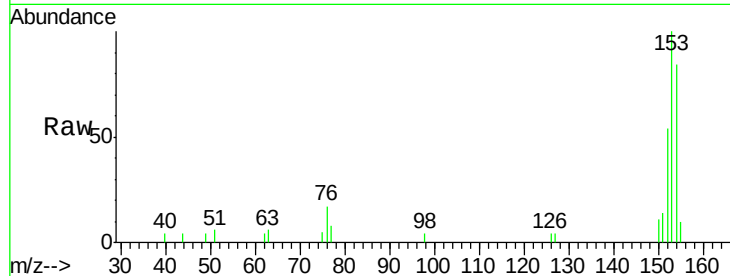
Tgt Ion:153 Resp: 6699

Ion Ratio Lower Upper

153 100

152 53.7 37.6 56.4

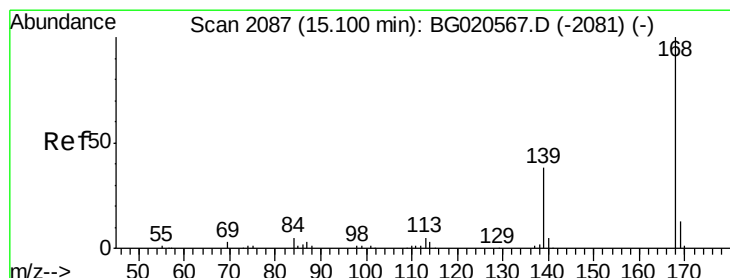
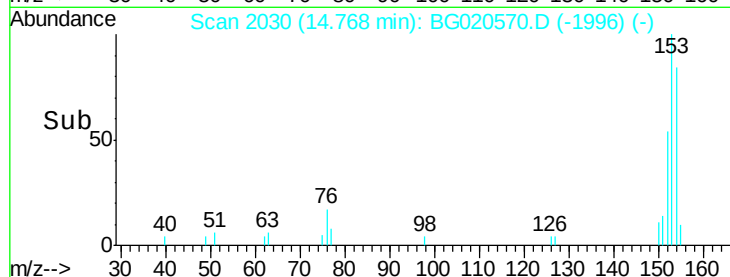
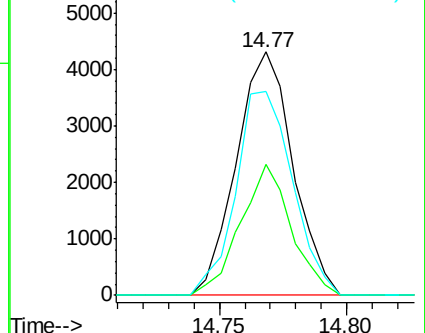
154 83.7 67.9 101.9



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

Dibenzofuran

Concen: 1.19 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG020570.D

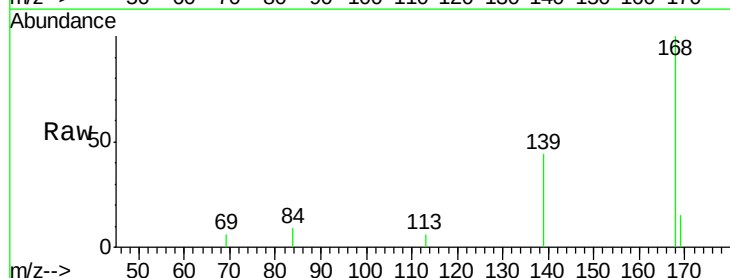
Acq: 28 Dec 2015 18:34

Tgt Ion:168 Resp: 4823

Ion Ratio Lower Upper

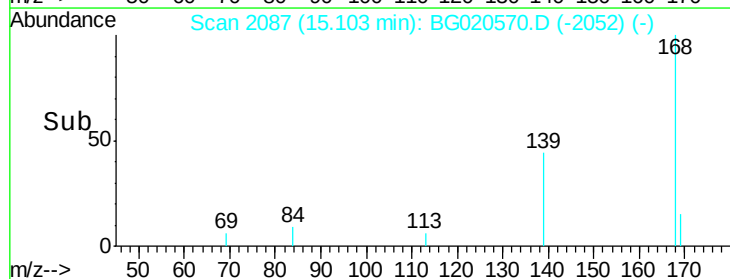
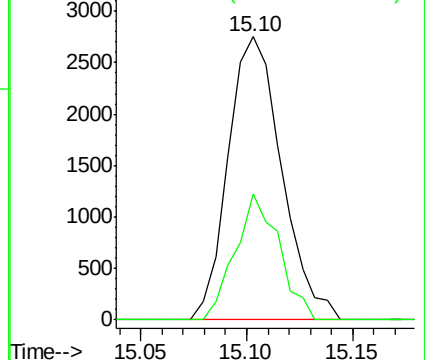
168 100

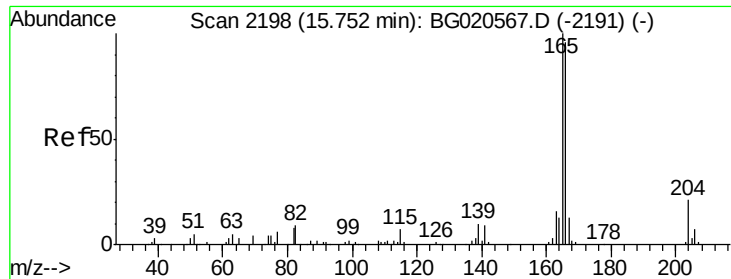
139 44.3 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.45 ng/ul

RT: 15.76 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020570.D

Acq: 28 Dec 2015 18:34

Instrument :

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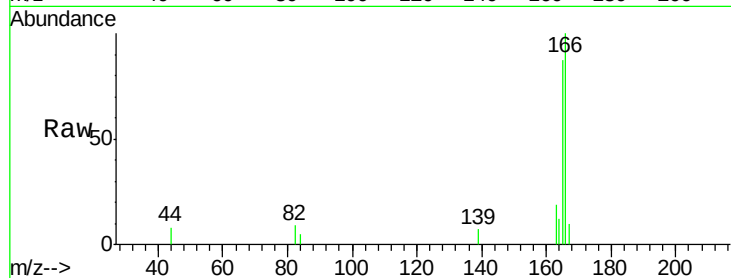
Tgt Ion:166 Resp: 4784

Ion Ratio Lower Upper

166 100

165 86.6 81.4 122.0

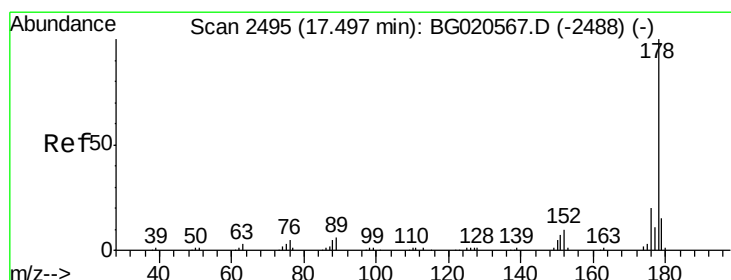
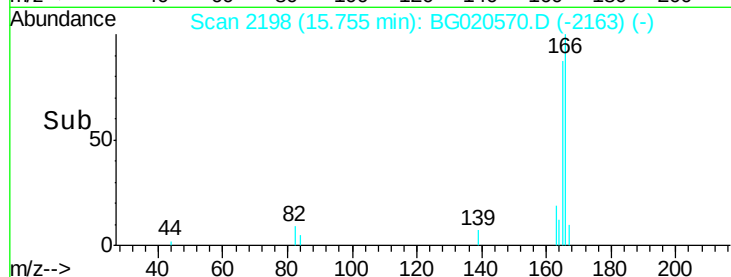
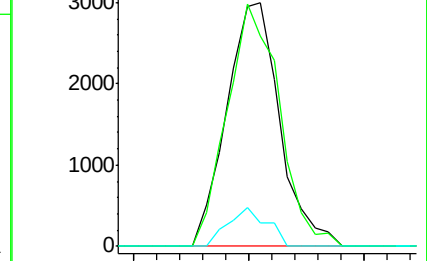
167 9.7 11.2 16.8#



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



#70

Phenanthrene

Concen: 2.04 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG020570.D

Acq: 28 Dec 2015 18:34

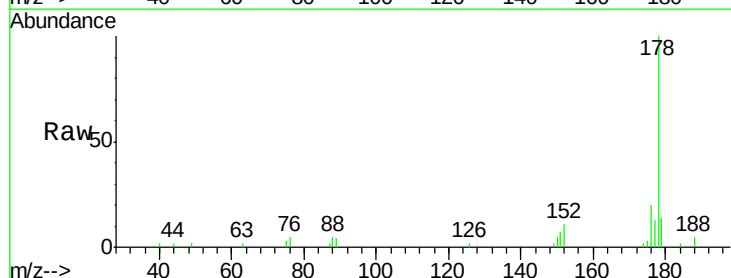
Tgt Ion:178 Resp: 14157

Ion Ratio Lower Upper

178 100

179 14.3 12.9 19.3

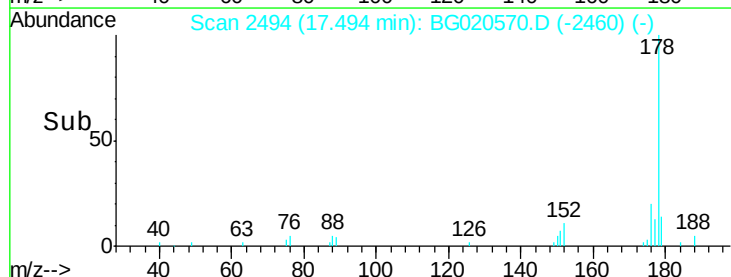
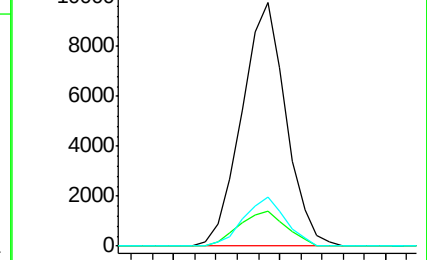
176 20.3 15.3 22.9

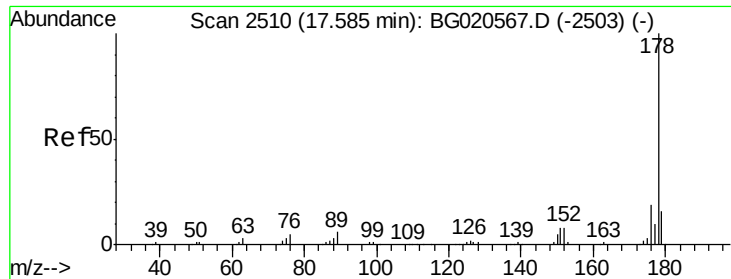


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.00 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.09 min

Lab File: BG020570.D

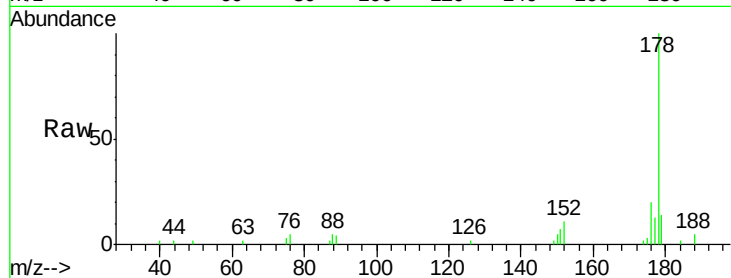
Acq: 28 Dec 2015 18:34

Instrument :

BNA_G

ClientSampleId :

D9N58DL



Tgt Ion:	178	Resp:	14157
Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.3	18.5
176	20.3	14.3	21.5

