

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
 Data File : BG020573.D
 Acq On : 28 Dec 2015 20:31
 Operator : UM/SJ
 Sample : G4846-16DL 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N62DL

Manual Integrations
 APPROVED

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 12/29/2015 4:54:58 PM

Quant Time: Dec 29 04:53:59 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	12787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	56492	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	44781	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	135892	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	174755	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	168569	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	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.60	132	829	1.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	534	0.62	ng/ul	0.01
19) Nitrobenzene-d5	9.25	128	475	1.07	ng/ul	0.01
22) 2-Nitrophenol-d4	9.97	143	443m	0.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	1141m	1.17	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	6387	1.73	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	6963	1.63	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	5989	1.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	11854	1.86	ng/ul	0.00
79) Pyrene-d10	19.83	212	13940	1.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	13562	1.59	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.94	128	67173	22.37	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	11074	4.98	ng/ul	99
41) 1,1'-Biphenyl	13.54	154	3527	1.02	ng/ul#	86
50) Acenaphthene	14.77	153	20400	6.71	ng/ul	98
54) Dibenzofuran	15.10	168	16563	3.66	ng/ul	97
59) Fluorene	15.75	166	14210	3.88	ng/ul	98
70) Phenanthrene	17.49	178	38395	5.08	ng/ul	99

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

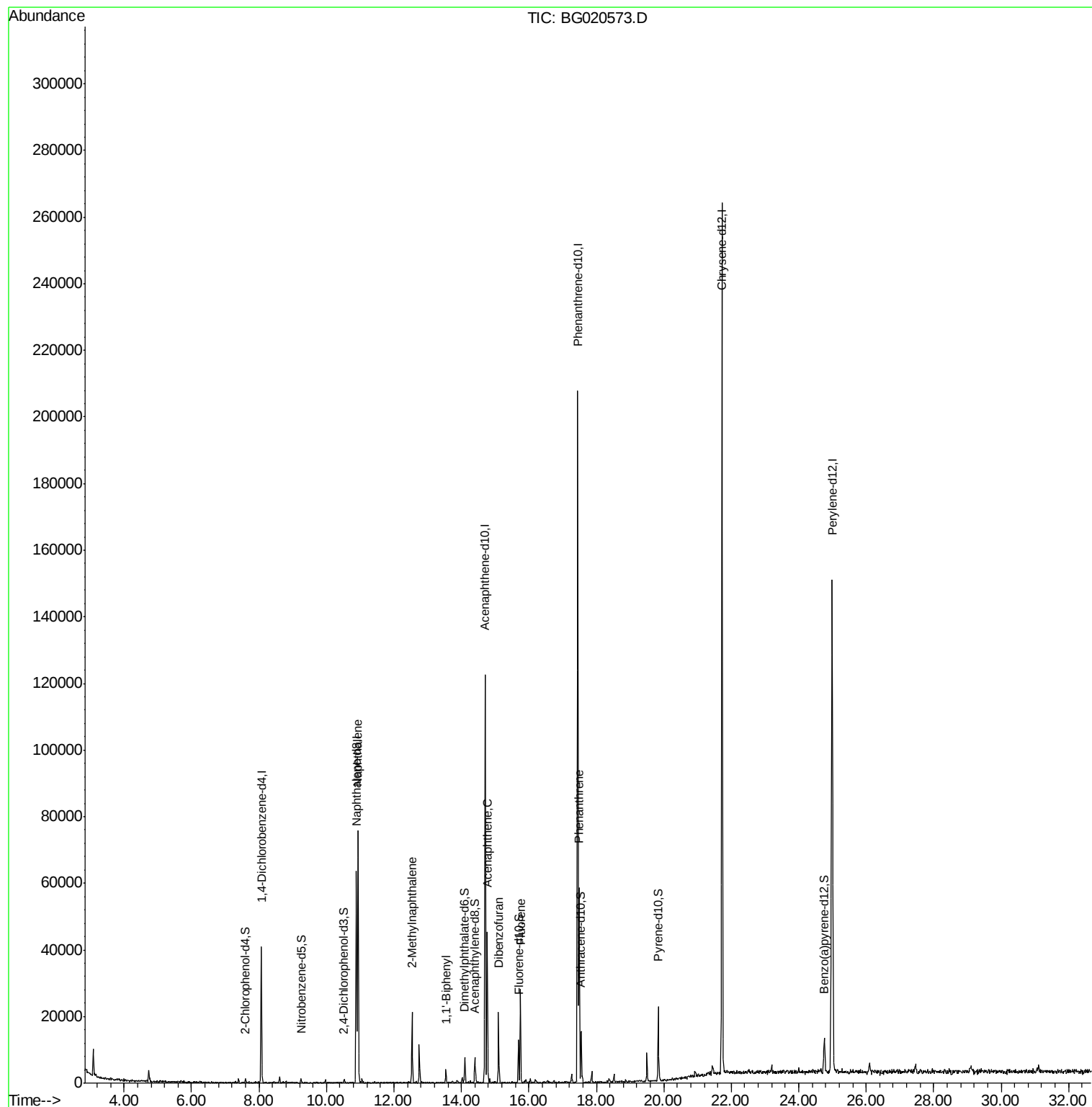
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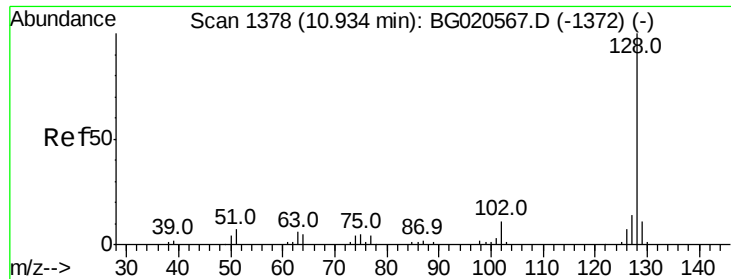
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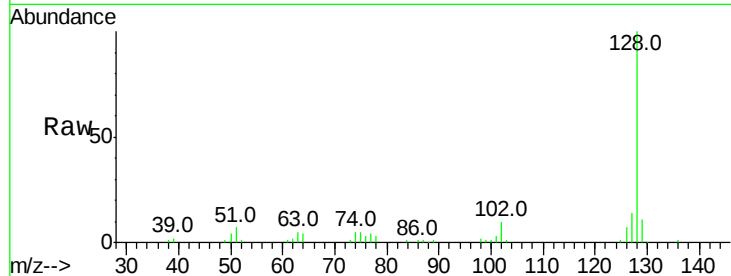
#28
Naphthalene
Concen: 22.37 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020573.D
Acq: 28 Dec 2015 20:31

Instrument :
BNA_G
ClientSampleId :
D9N62DL

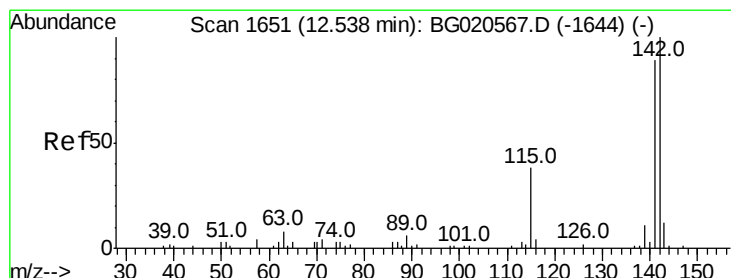
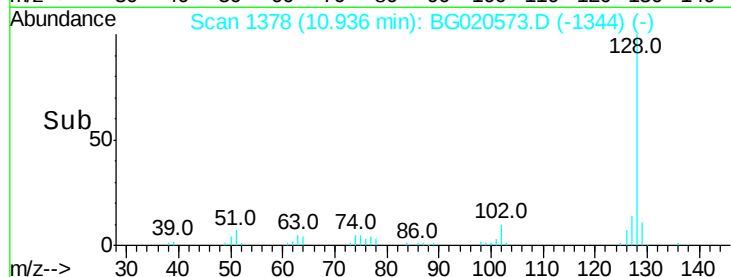
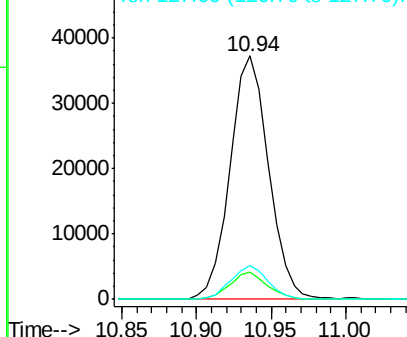
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.9	10.1	15.1

Manual Integrations
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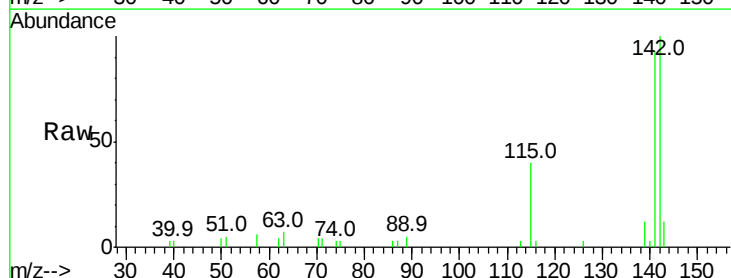


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

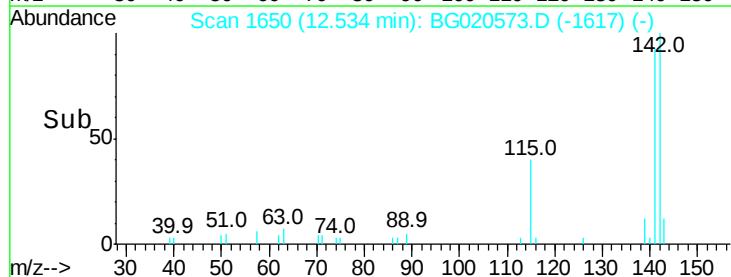
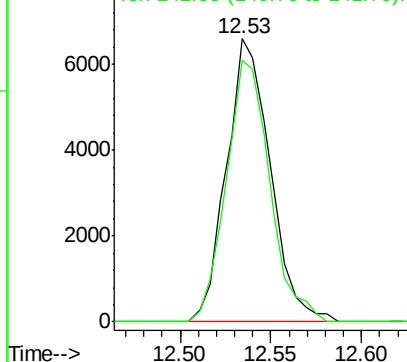


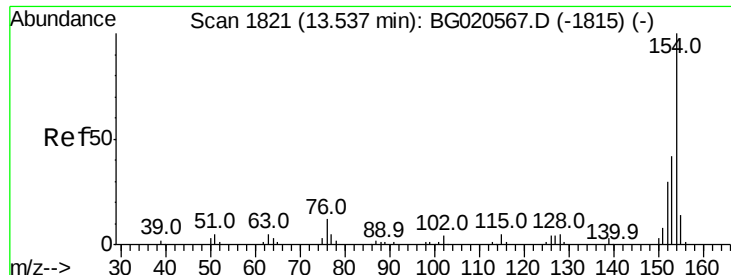
#34
2-Methylnaphthalene
Concen: 4.98 ng/ul
RT: 12.53 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BG020573.D
Acq: 28 Dec 2015 20:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.9	112.3



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





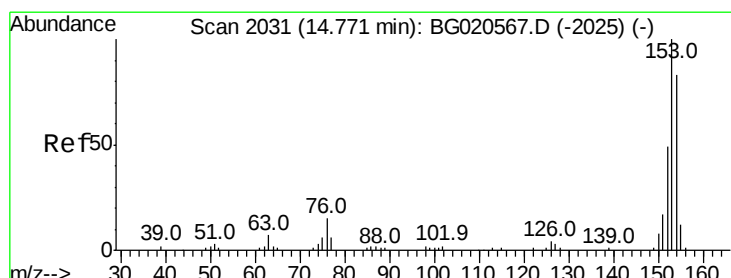
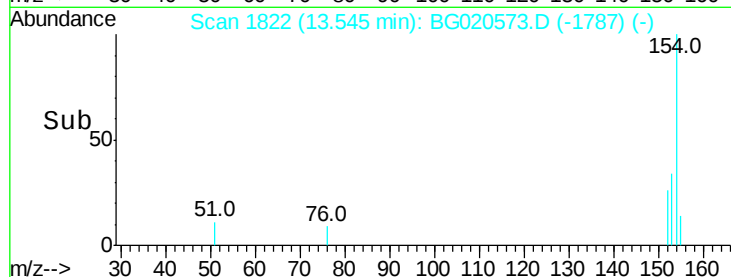
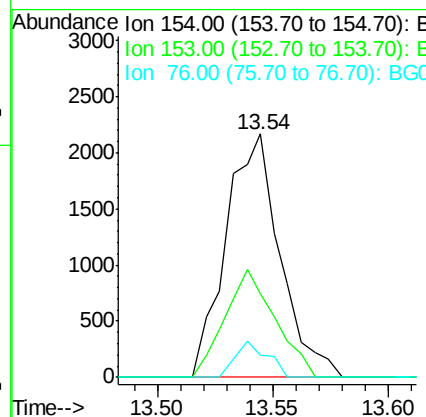
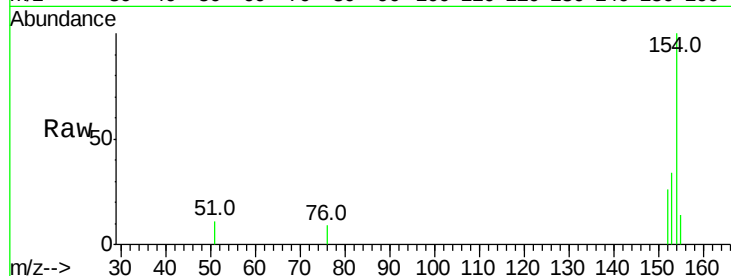
#41
 1,1'-Biphenyl
 Concen: 1.02 ng/ul
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG020573.D
 Acq: 28 Dec 2015 20:31

Instrument :
 BNA_G
 ClientSampleId :
 D9N62DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	34.3	35.5	53.3#
76	9.3	10.4	15.6#

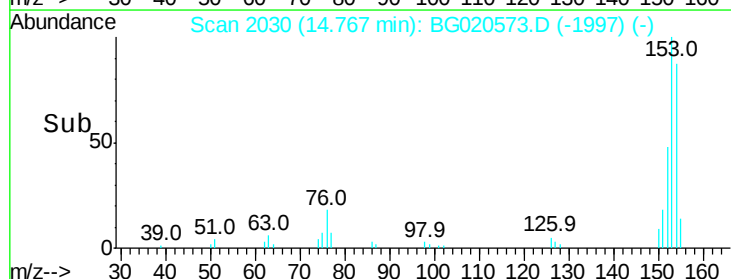
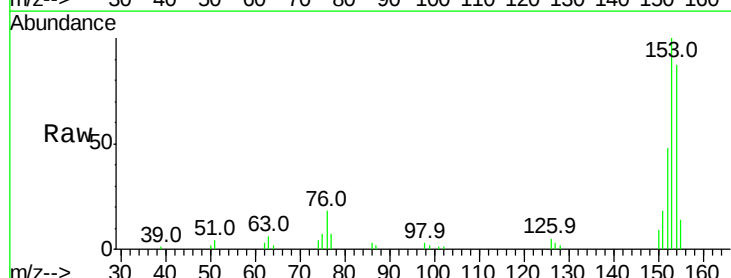
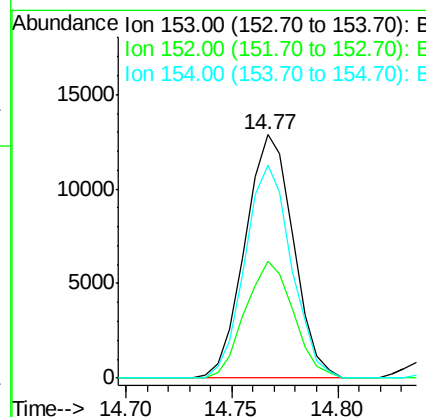
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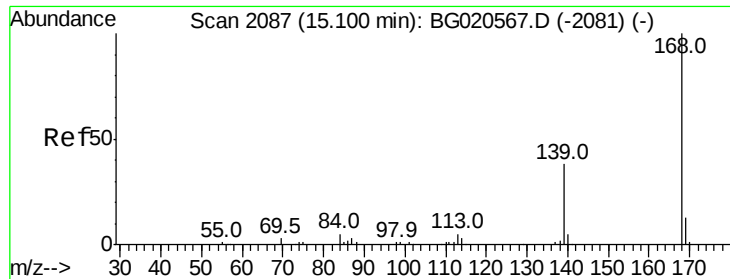
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#50
 Acenaphthene
 Concen: 6.71 ng/ul
 RT: 14.77 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BG020573.D
 Acq: 28 Dec 2015 20:31

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.6	56.4
154	87.5	67.9	101.9





#54

Dibenzenofuran

Concen: 3.66 ng/ul

RT: 15.10 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG020573.D

Acq: 28 Dec 2015 20:31

Instrument :

BNA_G

ClientSampleId :

D9N62DL

Tot Ion:168 Resp: 16563

Ion Ratio Lower Upper

168 100

139 36.5

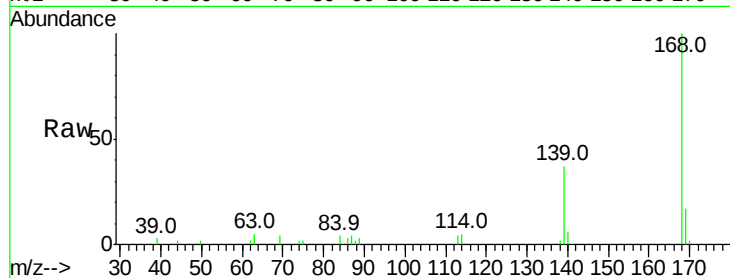
30.5

45.7

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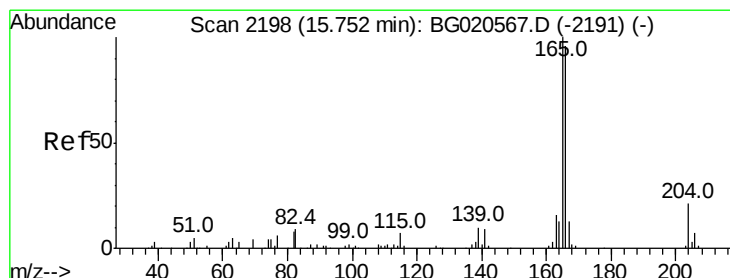
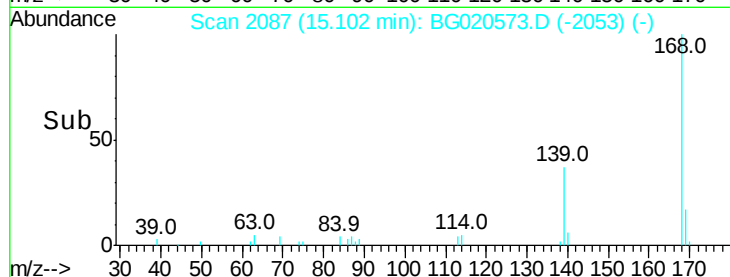
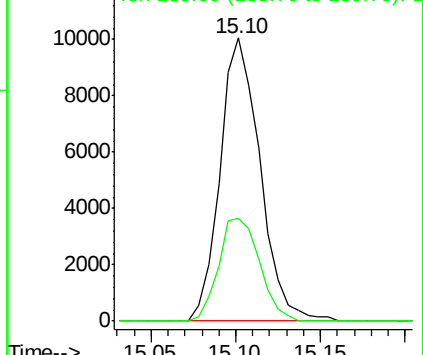
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 3.88 ng/ul

RT: 15.75 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG020573.D

Acq: 28 Dec 2015 20:31

Tgt Ion:166 Resp: 14210

Ion Ratio Lower Upper

166 100

165 103.3

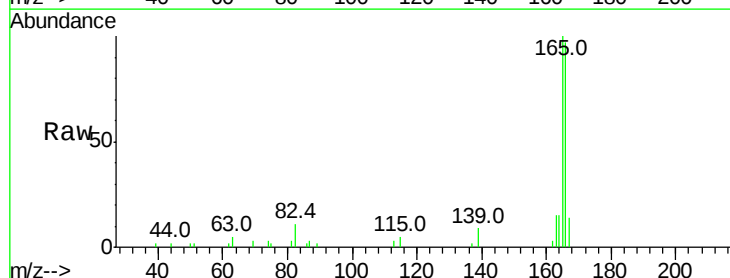
81.4

122.0

167 14.8

11.2

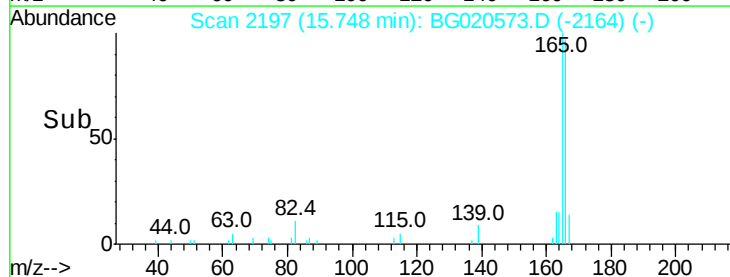
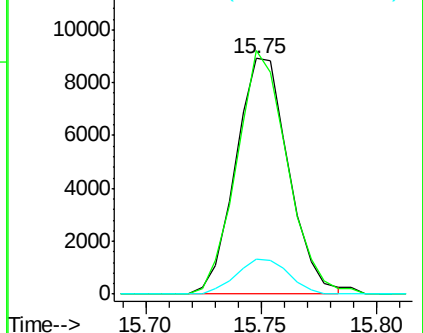
16.8

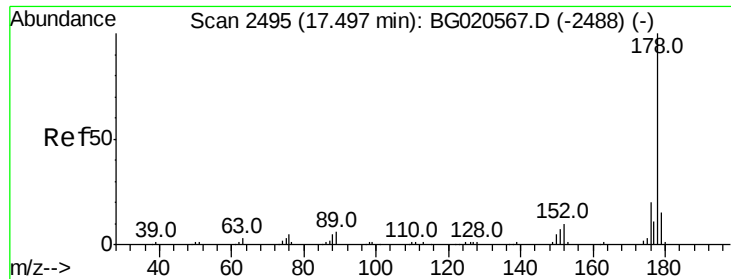


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 5.08 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG020573.D

Acq: 28 Dec 2015 20:31

Instrument :

BNA_G

ClientSampleId :

D9N62DL

Tot Ion:	178	Resp:	38395
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.9	19.3
176	18.6	15.3	22.9

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