

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020622.D
 Acq On : 30 Dec 2015 23:45
 Operator : UM/SJ
 Sample : G4846-04DL 100X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N50DL

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:36:01 PM

Quant Time: Dec 31 03:36:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 01:03:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	15797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	67103	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	50733	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	133595	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	161969	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	152064	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	0d	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	1632	0.39	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	1705	0.36	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	1803	0.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	3420m	0.55	ng/ul	0.00
79) Pyrene-d10	19.82	212	3092	0.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	2869	0.38	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.93	128	154961	43.61	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	15016	5.65	ng/ul	96
41) 1,1'-Biphenyl	13.53	154	4891	1.28	ng/ul	99
50) Acenaphthene	14.76	153	23788	7.00	ng/ul	96
54) Dibenzofuran	15.09	168	18737	3.65	ng/ul	95
59) Fluorene	15.74	166	13834	3.35	ng/ul	98
70) Phenanthrene	17.48	178	31346	4.32	ng/ul	99
75) Carbazole	17.84	167	32004	5.11	ng/ul#	95

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

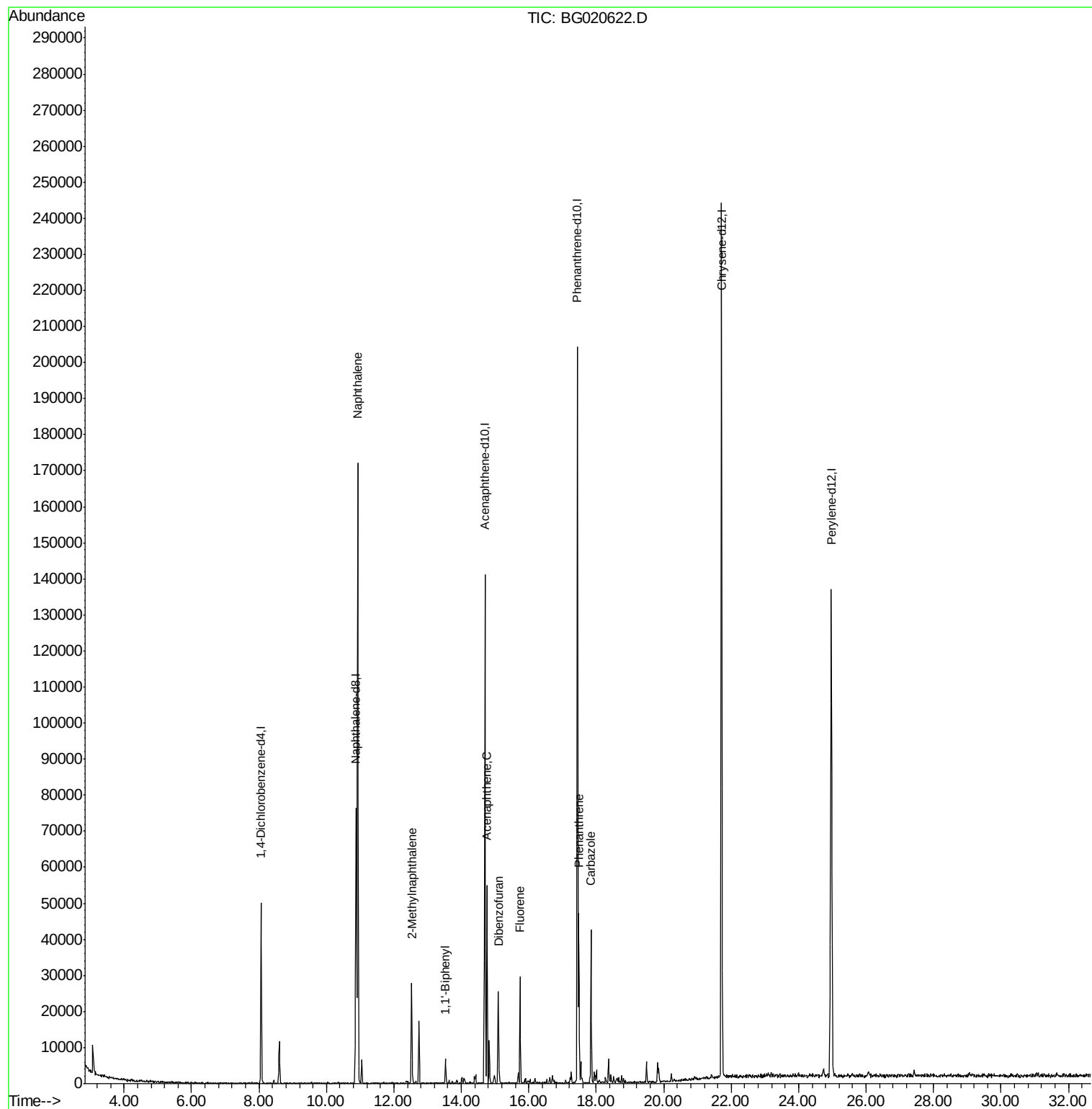
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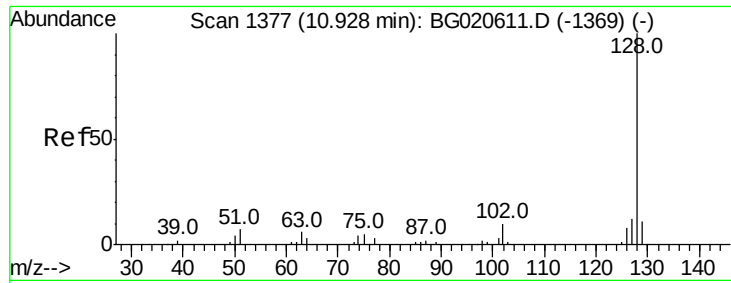
Instrument :
BNA_G
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Quant Time: Dec 31 03:36:33 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 01:03:28 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 43.61 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BG020622.D

Acq: 30 Dec 2015 23:45

Instrument :

BNA_G

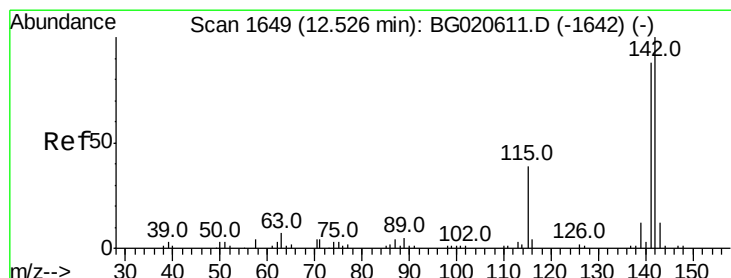
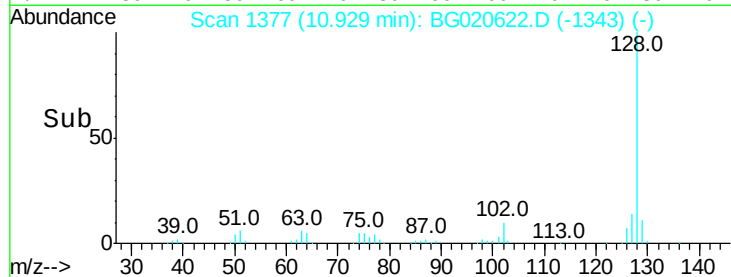
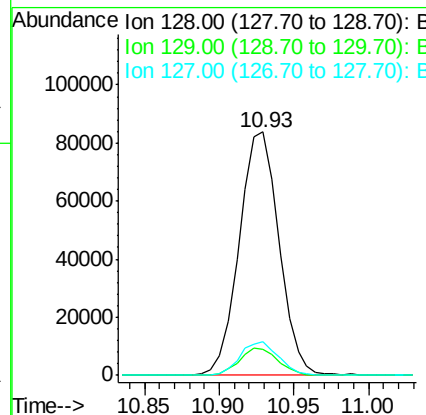
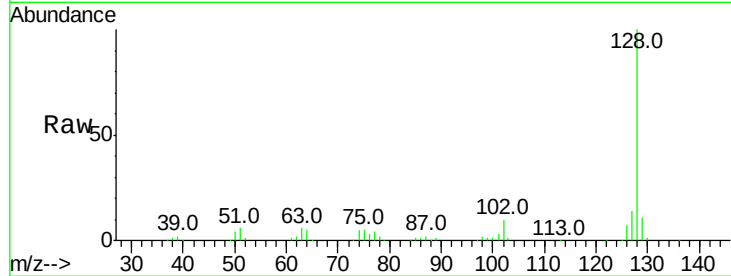
ClientSampleId :

D9N50DL

Tot Ion:	128	Resp:	154961
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.3	12.5
127	14.0	10.8	16.2

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#34

2-Methylnaphthalene

Concen: 5.65 ng/ul

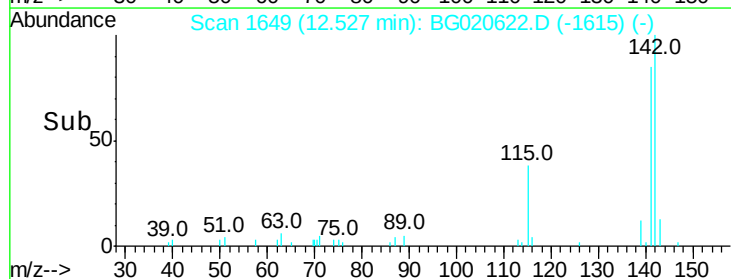
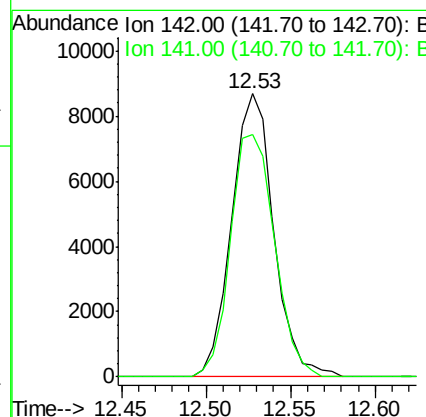
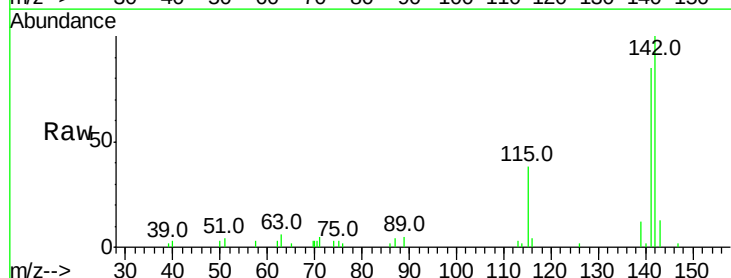
RT: 12.53 min Scan# 1649

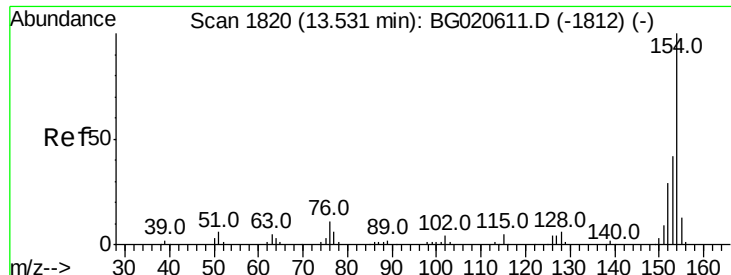
Delta R.T. 0.00 min

Lab File: BG020622.D

Acq: 30 Dec 2015 23:45

Tgt Ion:	142	Resp:	15016
Ion Ratio	Lower	Upper	
142	100		
141	85.4	71.4	107.2





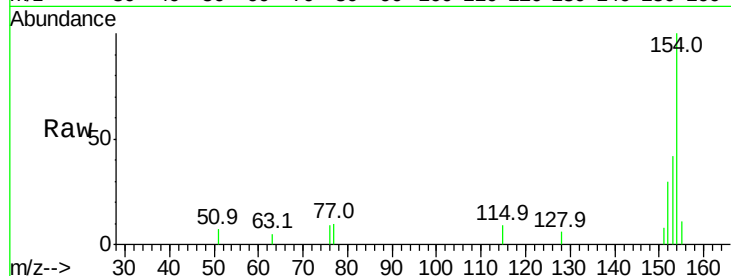
#41
 1,1'-Biphenyl
 Concen: 1.28 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG020622.D
 Acq: 30 Dec 2015 23:45

Instrument :
 BNA_G
 ClientSampleId :
 D9N50DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	34.0	51.0
76	9.1	8.4	12.6

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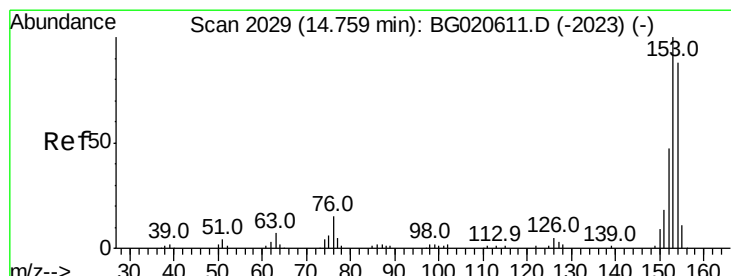
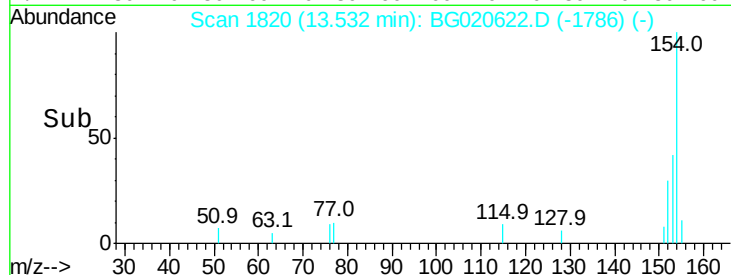
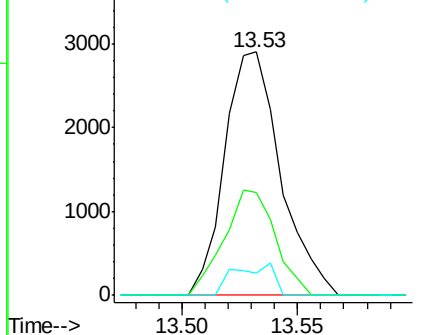


Abundance

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: 7.00 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG020622.D
 Acq: 30 Dec 2015 23:45

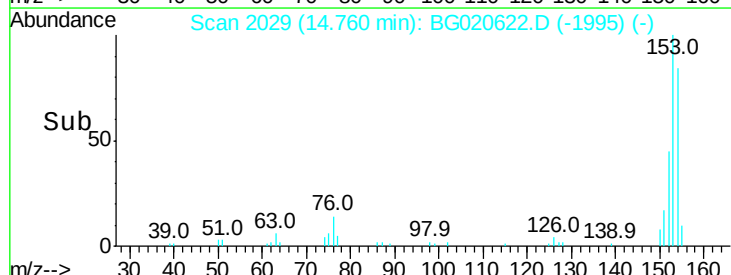
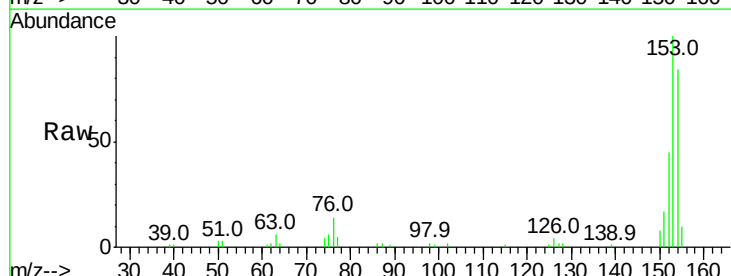
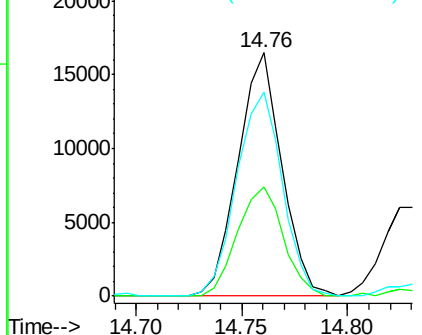
Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.0	37.9	56.9
154	83.5	69.8	104.6

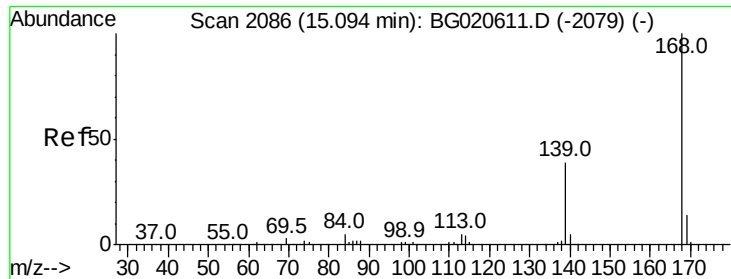
Abundance

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: 3.65 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG020622.D

Acq: 30 Dec 2015 23:45

Instrument :

BNA_G

ClientSampleId :

D9N50DL

Tot Ion:168 Resp: 18737

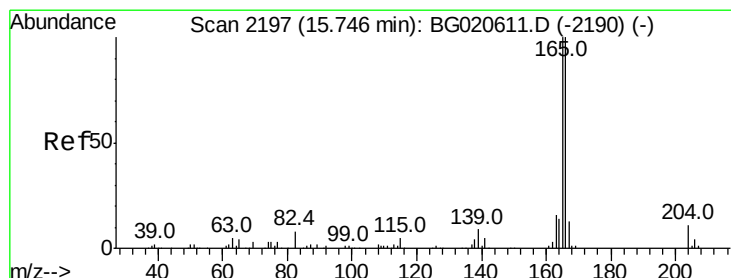
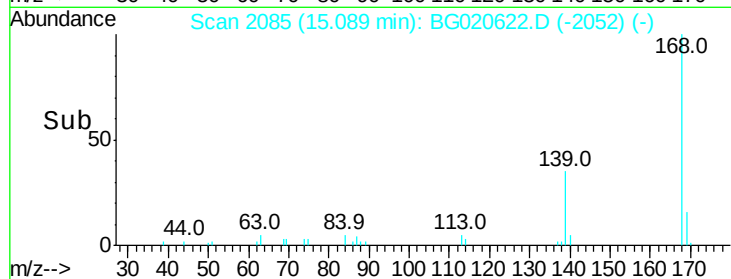
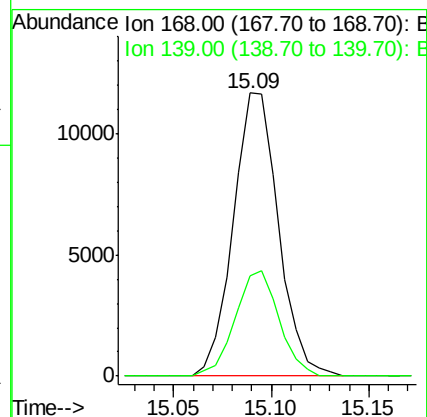
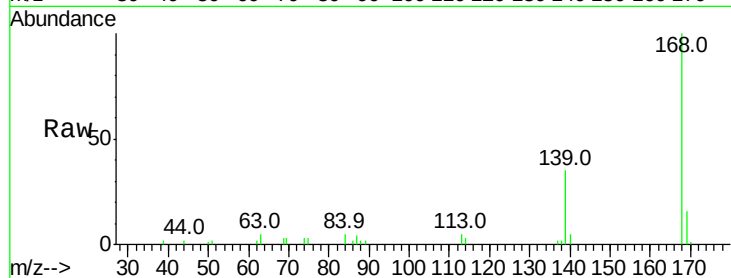
Ion Ratio Lower Upper

168 100

139 35.4 31.0 46.4

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#59

Fluorene

Concen: 3.35 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG020622.D

Acq: 30 Dec 2015 23:45

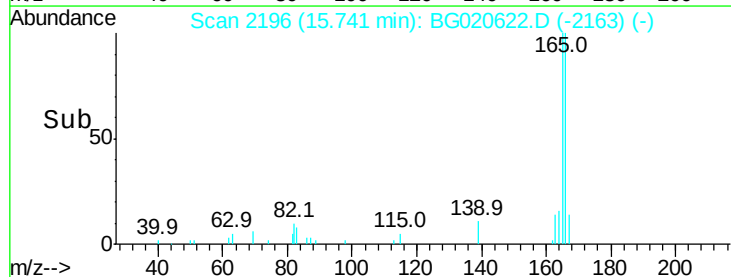
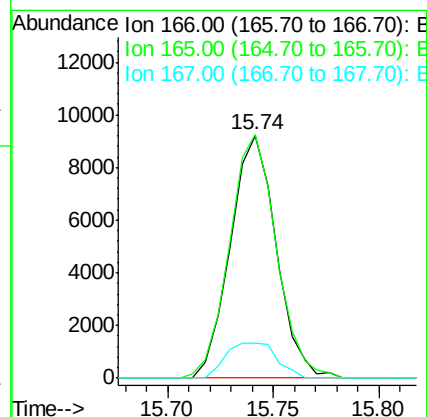
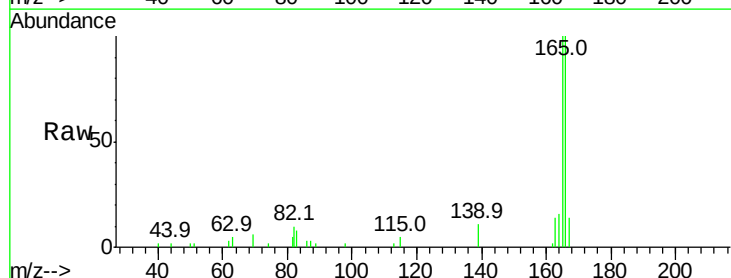
Tgt Ion:166 Resp: 13834

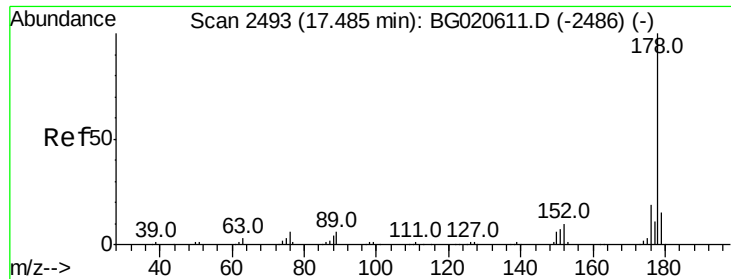
Ion Ratio Lower Upper

166 100

165 100.3 78.4 117.6

167 14.5 11.1 16.7





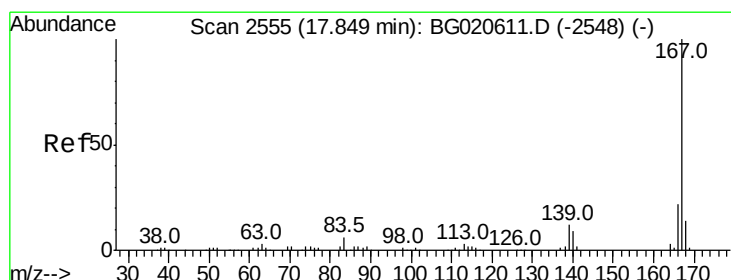
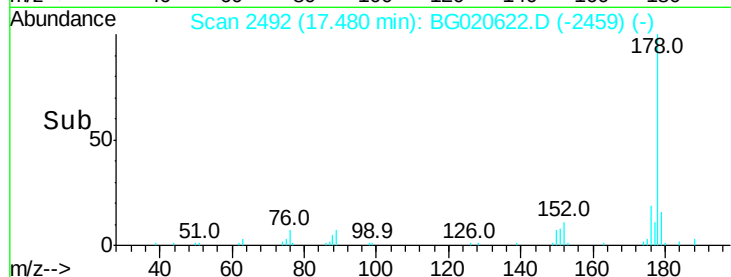
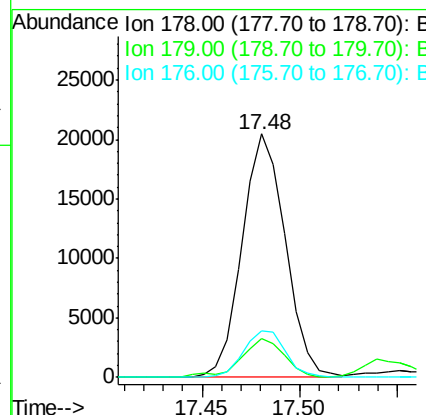
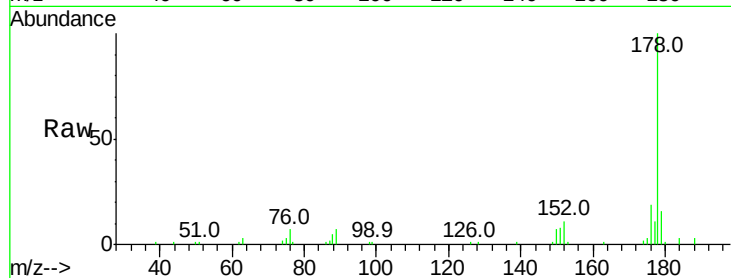
#70
Phenanthrene
Concen: 4.32 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG020622.D
Acq: 30 Dec 2015 23:45

Instrument :
BNA_G
ClientSampleId :
D9N50DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.0	15.4	23.0

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#75
Carbazole
Concen: 5.11 ng/ul
RT: 17.84 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BG020622.D
Acq: 30 Dec 2015 23:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.4	17.0	25.4
139	13.7	9.1	13.7#

