

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020651.D
 Acq On : 31 Dec 2015 21:10
 Operator : UM/SJ
 Sample : G4846-20DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9N67DL

Manual Integrations
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Quant Time: Jan 01 04:53:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 01 03:15:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	13999	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	61726	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	47205	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	127380	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	151960	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	144890	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	7.23	99	1095	0.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	2760	3.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	3588	3.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	2392m	2.36	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	1954	4.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	1945	3.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	3803m	3.62	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	18866	4.88	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	20761	4.73	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	17749	5.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	1228	1.59	ng/ul	0.00
71) Anthracene-d10	17.54	188	29966	5.05	ng/ul	0.00
79) Pyrene-d10	19.82	212	34202	5.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	33230	4.60	ng/ul	-0.01

Target Compounds

						Qvalue
28) Naphthalene	10.93	128	158424	48.46	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	17628	7.21	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	5731m	1.61	ng/ul	
45) Dimethylphthalate	14.14	163	4734	1.20	ng/ul#	94
50) Acenaphthene	14.76	153	31596	9.99	ng/ul	98
54) Dibenzofuran	15.09	168	25822	5.40	ng/ul	99
59) Fluorene	15.74	166	19877	5.17	ng/ul	99
70) Phenanthrene	17.48	178	42215	6.10	ng/ul	99
75) Carbazole	17.85	167	10765m	1.80	ng/ul	

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

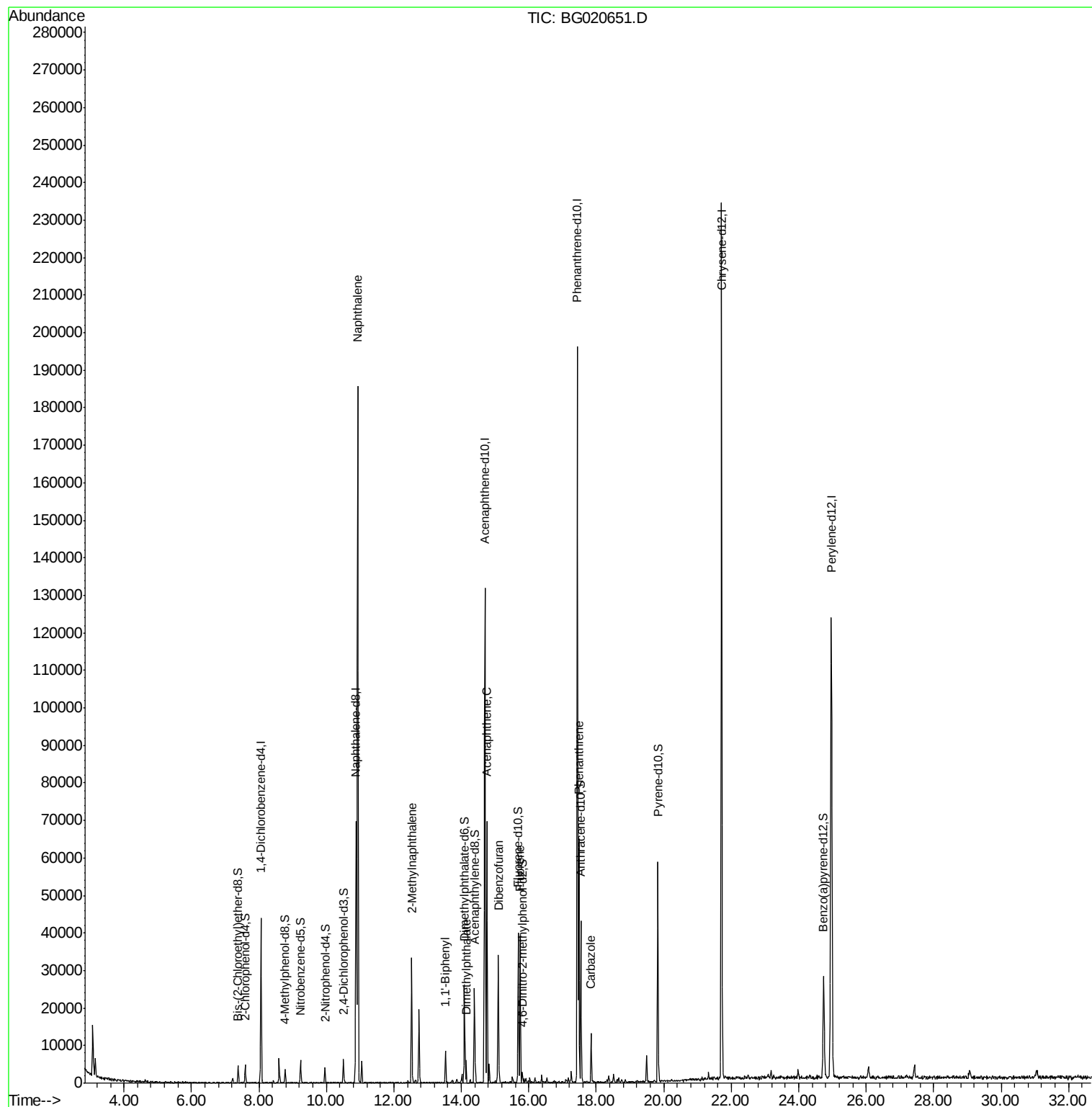
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020651.D
Acq On : 31 Dec 2015 21:10
Operator : UM/SJ
Sample : G4846-20DL 5X
Misc :
ALS Vial : 54 Sample Multiplier: 1

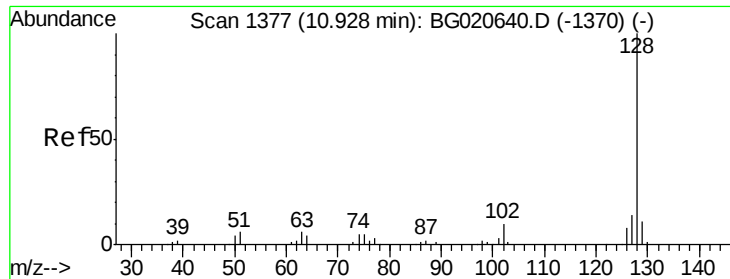
Instrument :
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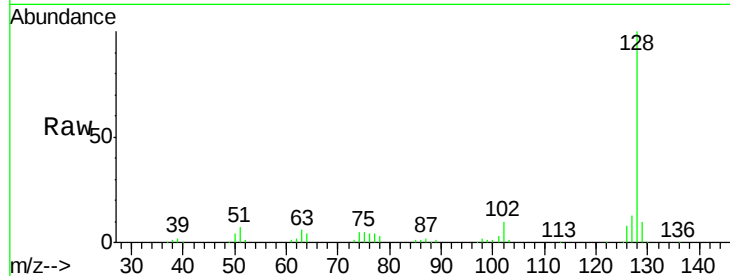
#28
Naphthalene
Concen: 48.46 ng/ul
RT: 10.93 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG020651.D
Acq: 31 Dec 2015 21:10

Instrument :
BNA_G
ClientSampleId :
D9N67DL

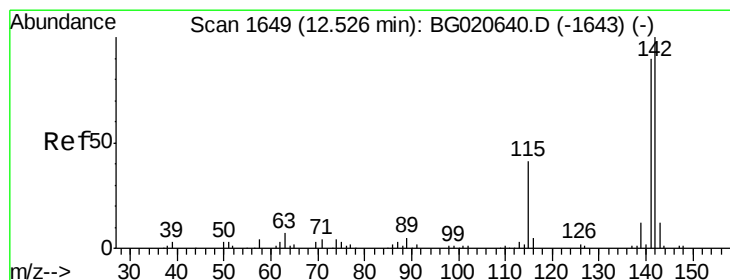
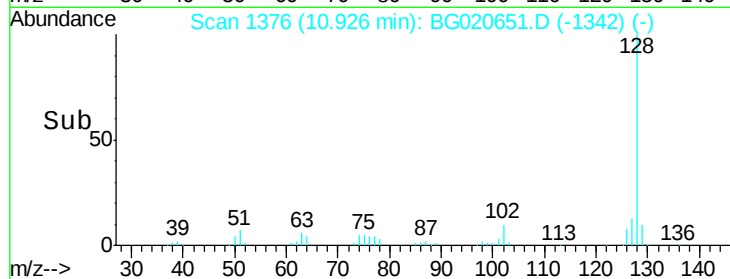
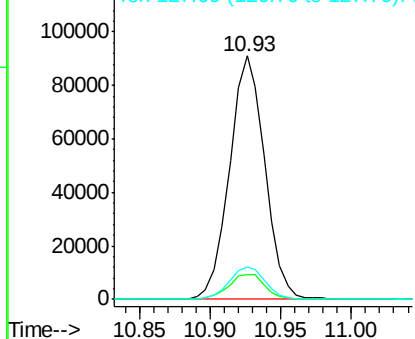
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	158424		
129	10.1	8.3	12.5	
127	13.3	10.8	16.2	

Manual Integrations
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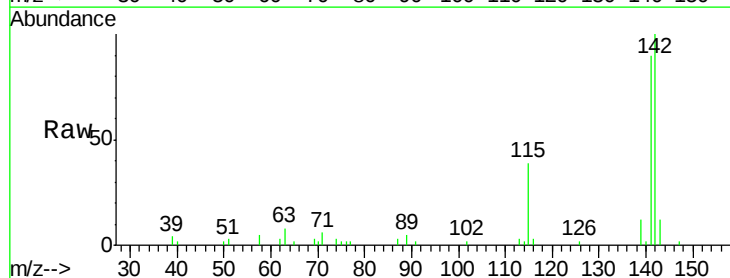


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

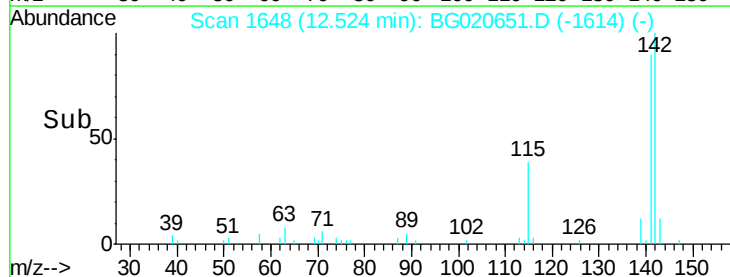
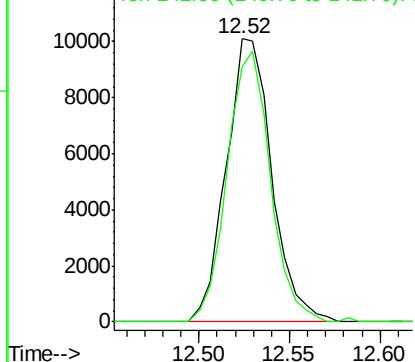


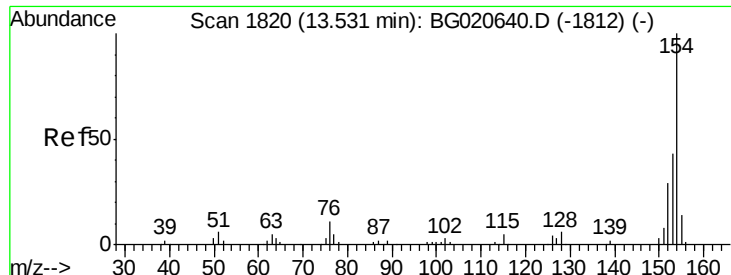
#34
2-Methylnaphthalene
Concen: 7.21 ng/ul
RT: 12.52 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG020651.D
Acq: 31 Dec 2015 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	17628		
141	90.0	71.4	107.2	



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





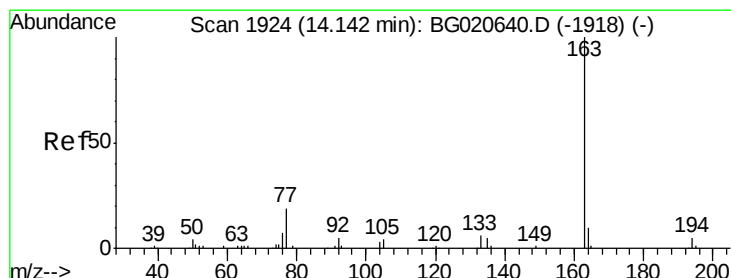
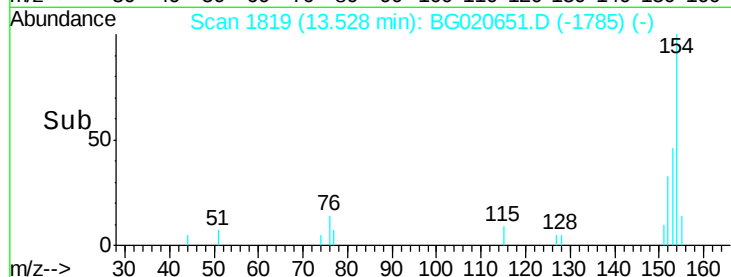
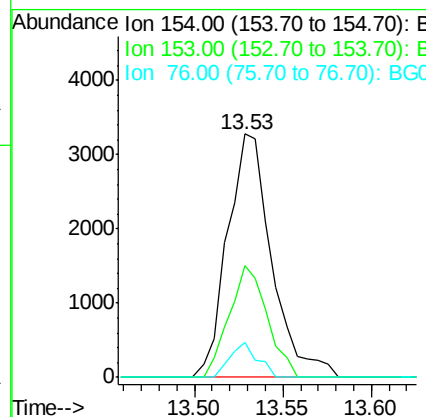
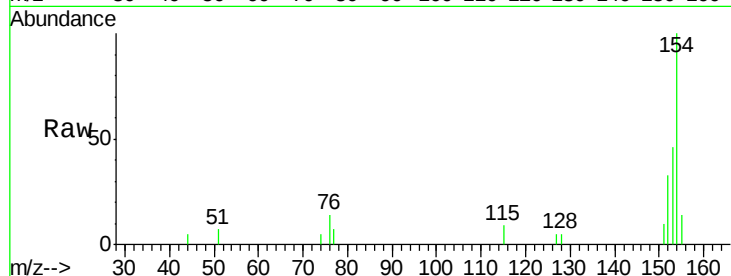
#41
 1,1'-Biphenyl
 Concen: 1.61 ng/ul m
 RT: 13.53 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG020651.D
 Acq: 31 Dec 2015 21:10

Instrument :
 BNA_G
 ClientSampleId :
 D9N67DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	46.1	34.0	51.0
76	14.3	8.4	12.6

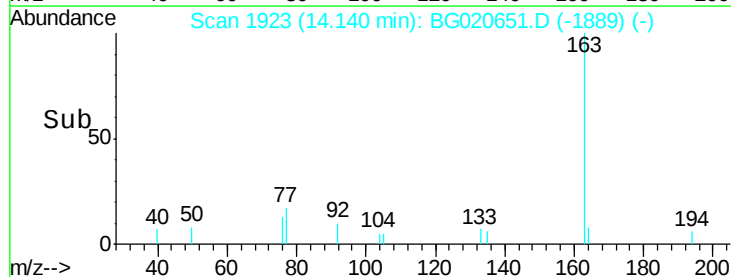
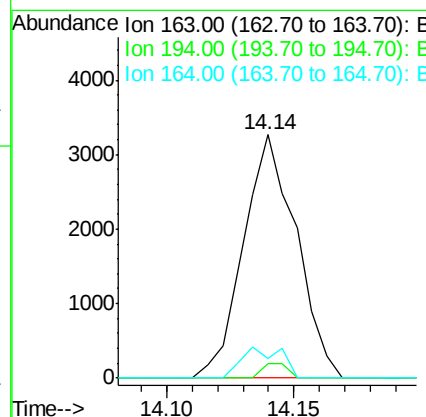
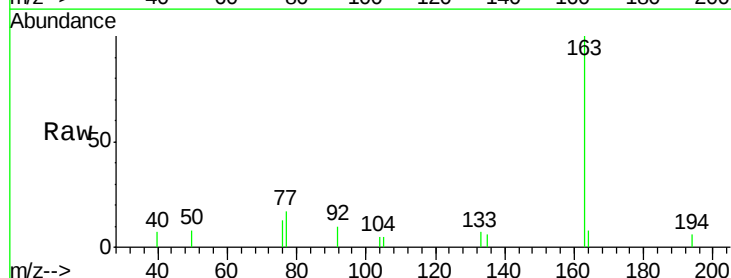
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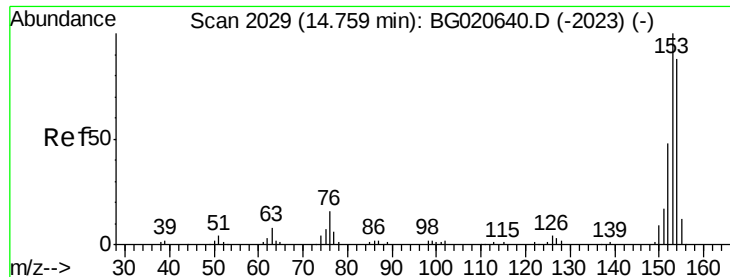
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#45
 Dimethylphthalate
 Concen: 1.20 ng/ul
 RT: 14.14 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG020651.D
 Acq: 31 Dec 2015 21:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.0	6.0
164	7.9	8.4	12.6





#50

Acenaphthene

Concen: 9.99 ng/ul

RT: 14.76 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG020651.D

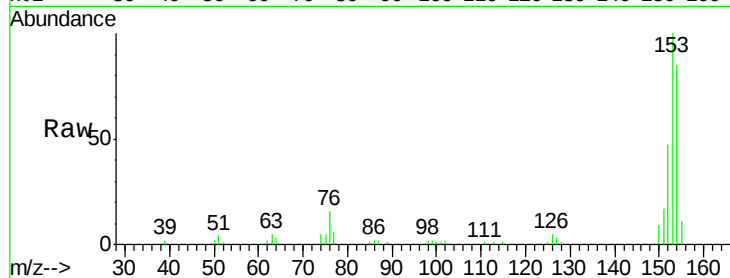
Acq: 31 Dec 2015 21:10

Instrument :

BNA_G

ClientSampleId :

D9N67DL



Tgt Ion:153 Resp: 31596

Ion Ratio Lower Upper

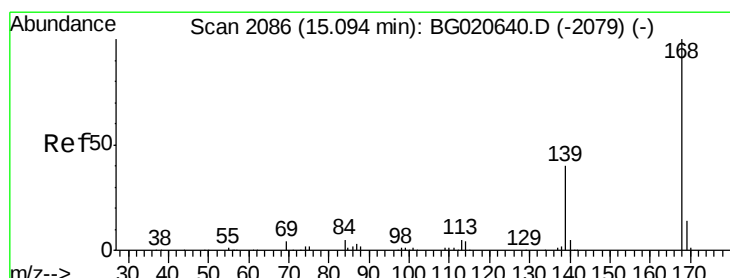
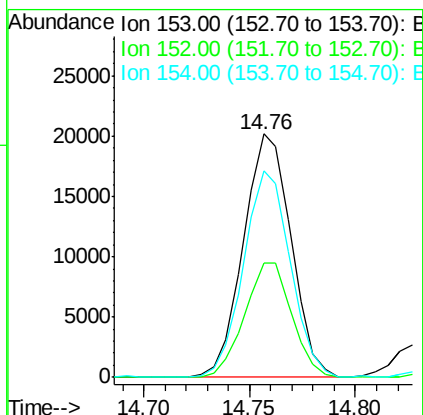
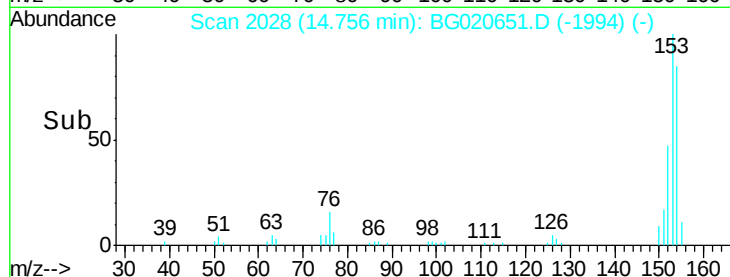
153 100

152 47.2 37.9 56.9

154 84.9 69.8 104.6

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#54

Dibenzofuran

Concen: 5.40 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG020651.D

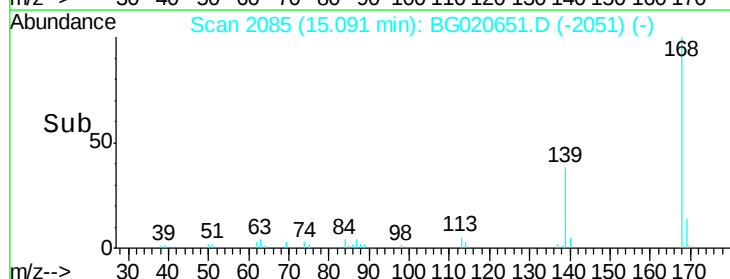
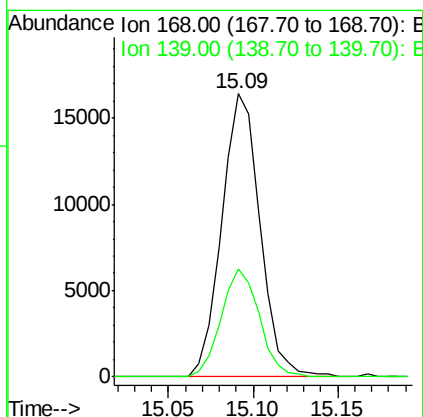
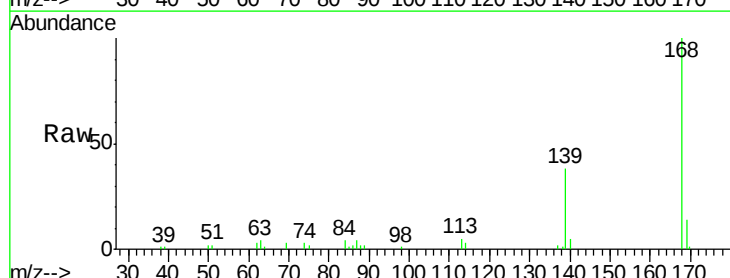
Acq: 31 Dec 2015 21:10

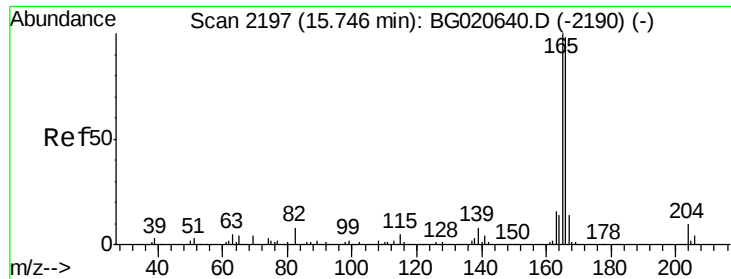
Tgt Ion:168 Resp: 25822

Ion Ratio Lower Upper

168 100

139 38.1 31.0 46.4





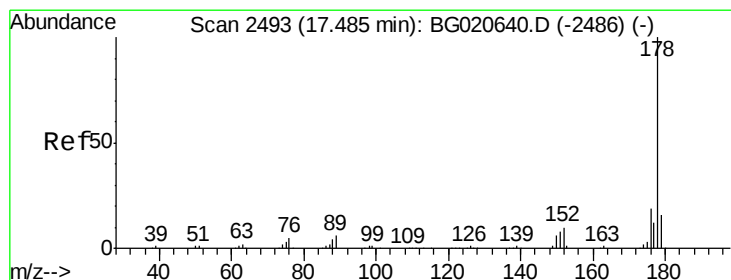
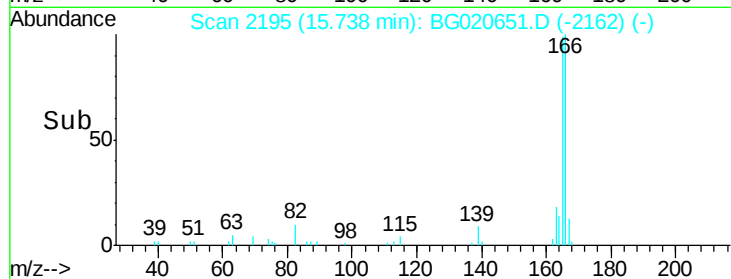
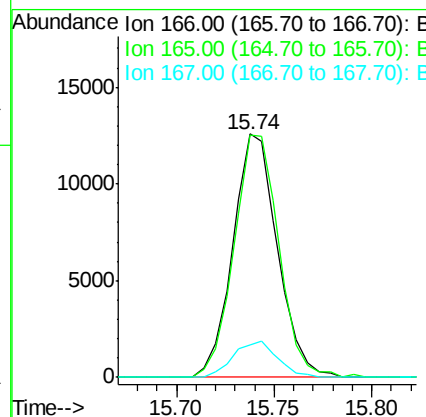
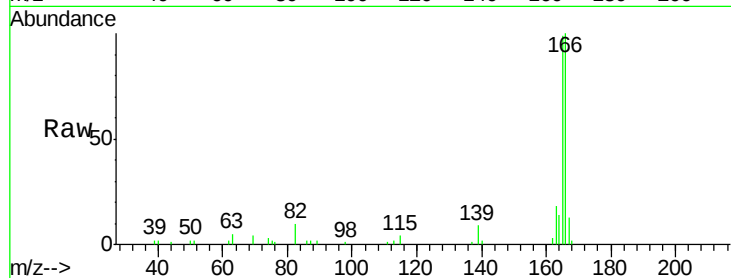
#59
Fluorene
 Concen: 5.17 ng/ul
 RT: 15.74 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BG020651.D
 Acq: 31 Dec 2015 21:10

Instrument :
 BNA_G
 ClientSampleId :
 D9N67DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	19877		
165	99.3	78.4	117.6	
167	13.3	11.1	16.7	

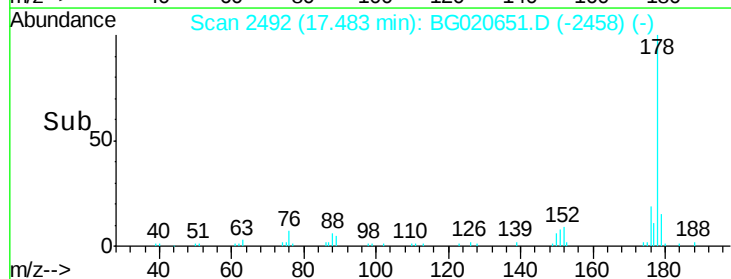
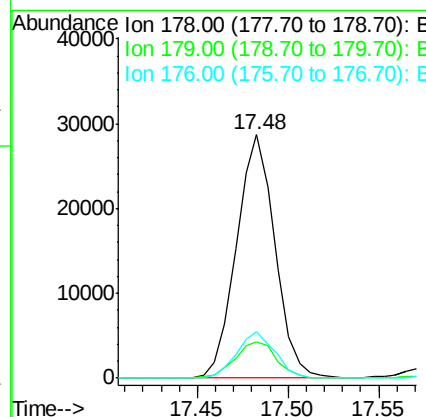
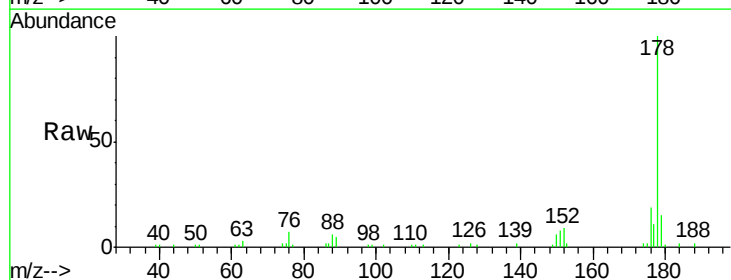
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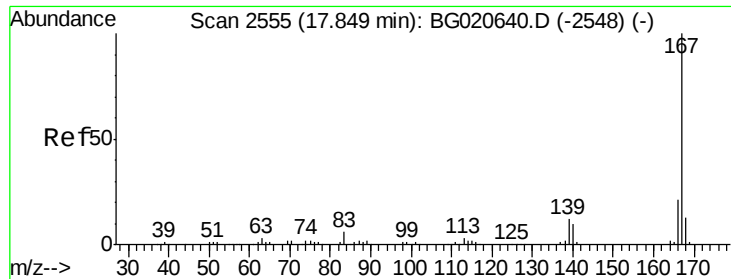
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#70
Phenanthrene
 Concen: 6.10 ng/ul
 RT: 17.48 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG020651.D
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	42215		
179	14.8	12.3	18.5	
176	19.0	15.4	23.0	





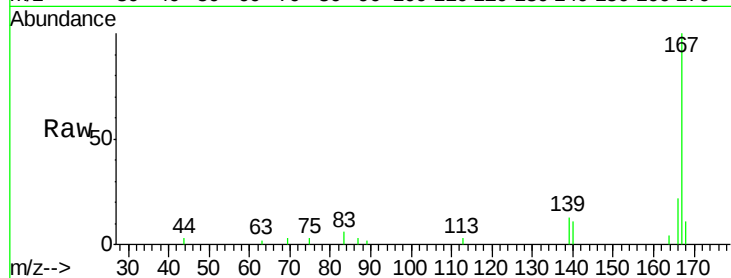
#75
 Carbazole
 Concen: 1.80 ng/ul m
 RT: 17.85 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BG020651.D
 Acq: 31 Dec 2015 21:10

Instrument :
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 ClientSampleId :
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Tgt Ion:	167	Resp:	10765
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.0	25.4
139	12.6	9.1	13.7

Manual Integrations
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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

