

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025191.D
 Acq On : 15 Dec 2016 00:54
 Operator : UM/SJ
 Sample : H5938-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA836

Quant Time: Dec 15 04:57:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 03:57:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	70735	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	326597	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	259879	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	527181	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	649007	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	651456	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	5401	3.94	ng/uL	0.00
5) Phenol-d5	7.39	99	137494	22.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	93420	24.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	96150	22.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	119281	23.39	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	58895	25.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	63142	21.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	123211	22.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	160044	29.37	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	405491	22.68	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	480504	24.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	66105	21.52	ng/ul	0.00
57) Fluorene-d10	15.85	176	397732	23.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	73590	22.58	ng/ul	0.00
70) Anthracene-d10	17.70	188	565129	25.40	ng/ul	0.00
76) Pyrene-d10	19.98	212	685071	25.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	697942	26.44	ng/ul	0.00

Target Compounds

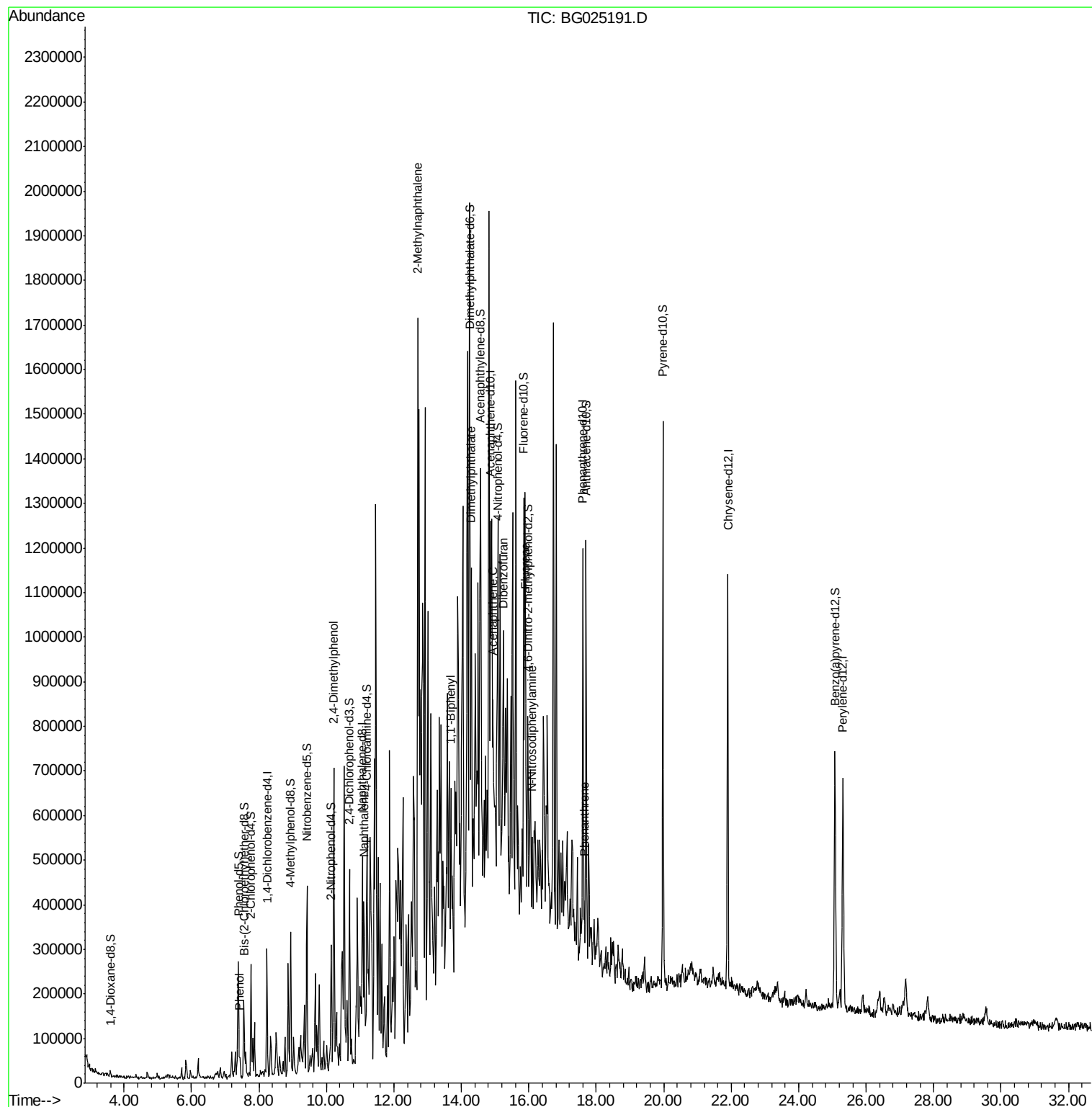
						Ovalue
6) Phenol	7.42	94	9275	1.48	ng/ul	95
24) 2,4-Dimethylphenol	10.22	107	236593	35.37	ng/ul	92
28) Naphthalene	11.12	128	244496	16.10	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	671541	56.05	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	223163	14.16	ng/ul	97
44) Dimethylphthalate	14.30	163	328790	18.72	ng/ul#	97
49) Acenaphthene	14.93	153	62471	4.79	ng/ul#	84
53) Dibenzofuran	15.26	168	144669	7.01	ng/ul	99
58) Fluorene	15.90	166	146545	8.73	ng/ul#	97
64) N-Nitrosodiphenylamine	16.10	169	41511	3.06	ng/ul#	54
69) Phenanthrene	17.64	178	80563	3.20	ng/ul#	93

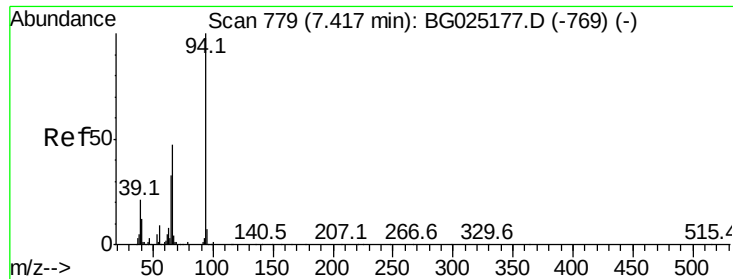
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.48 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG025191.D

Acq: 15 Dec 2016 00:54

Instrument :

BNA_G

ClientSampleId :

DA836

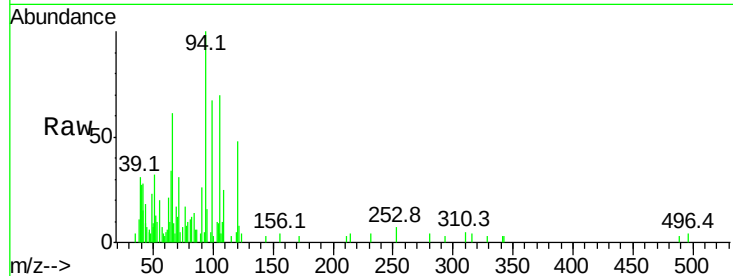
Tot Ion: 94 Resp: 9275

Ion Ratio Lower Upper

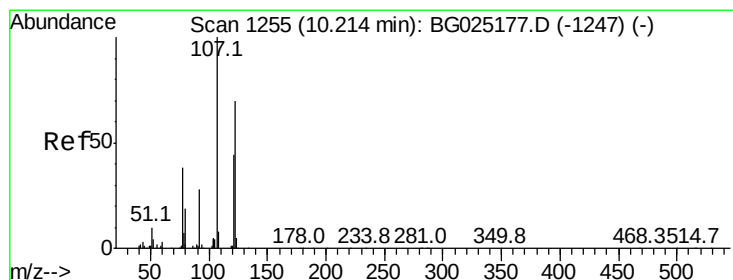
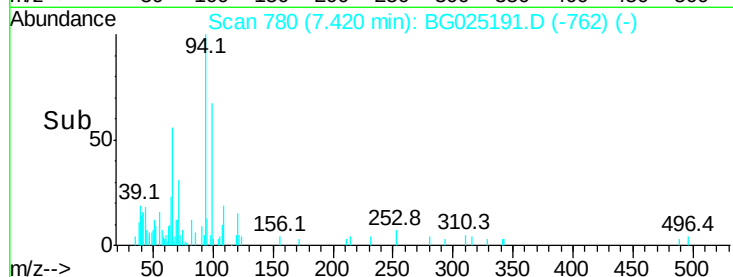
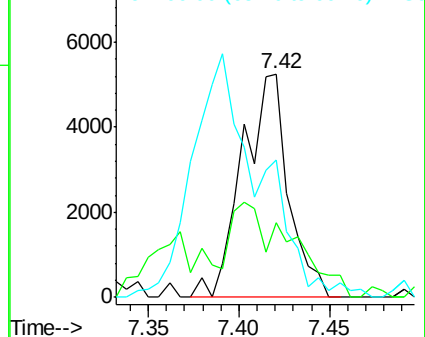
94 100

65 33.7 26.8 40.2

66 61.3 44.4 66.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#24

2,4-Dimethylphenol

Concen: 35.37 ng/ul

RT: 10.22 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BG025191.D

Acq: 15 Dec 2016 00:54

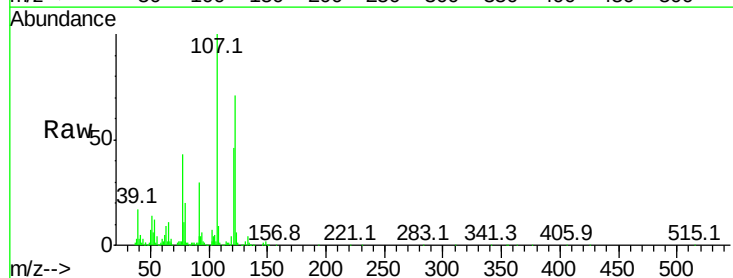
Tgt Ion:107 Resp: 236593

Ion Ratio Lower Upper

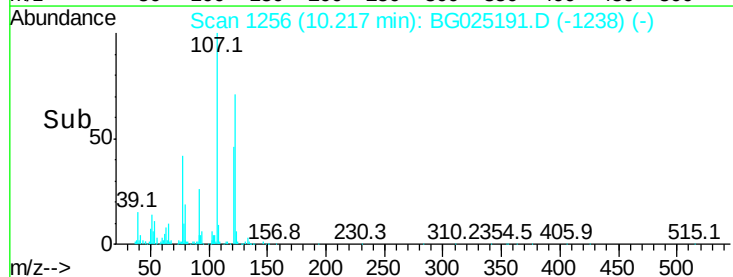
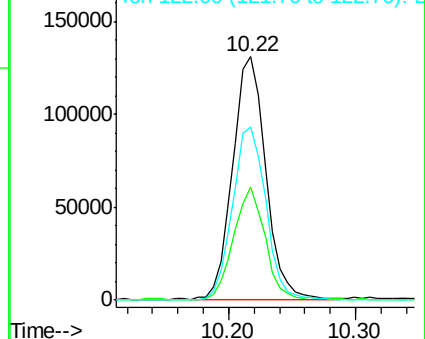
107 100

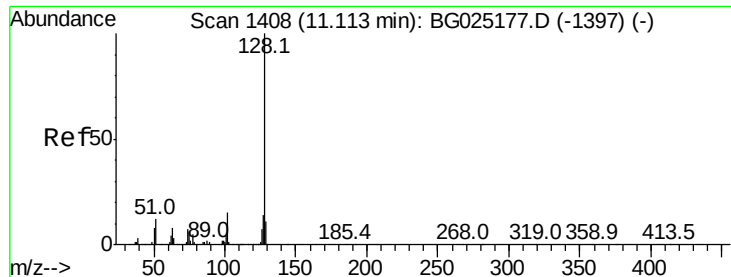
121 46.3 32.3 48.5

122 70.9 61.2 91.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E

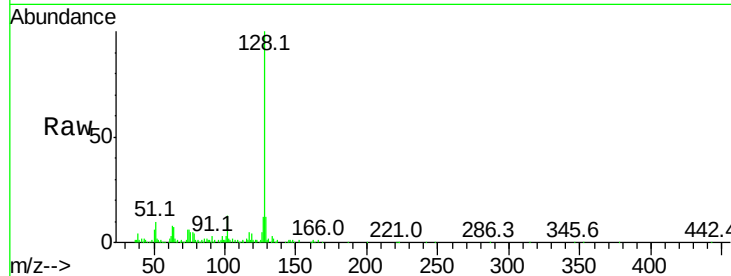




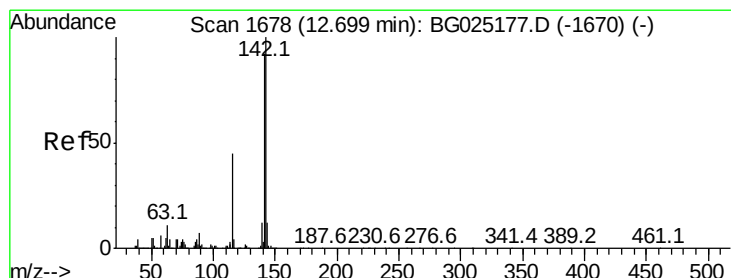
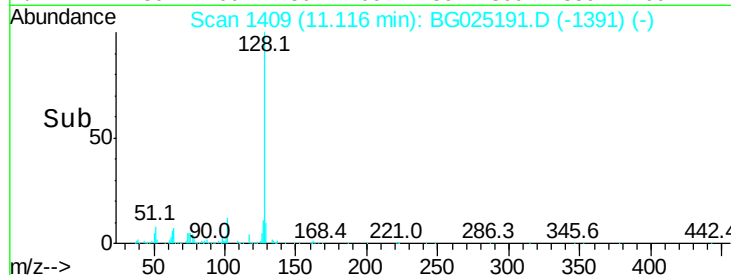
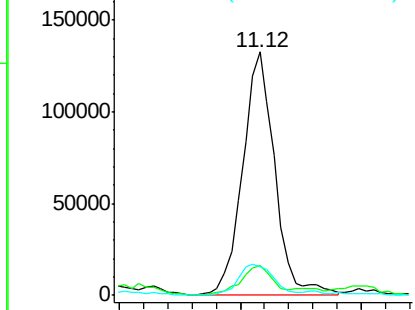
#28
Naphthalene
Concen: 16.10 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument :
BNA_G
ClientSampleId :
DA836

Tot Ion:128 Resp: 244496
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.2
127 11.7 10.3 15.5

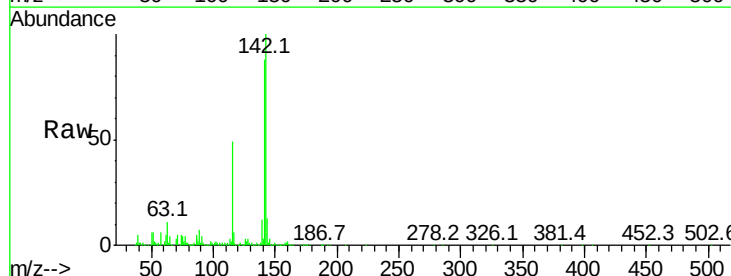


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

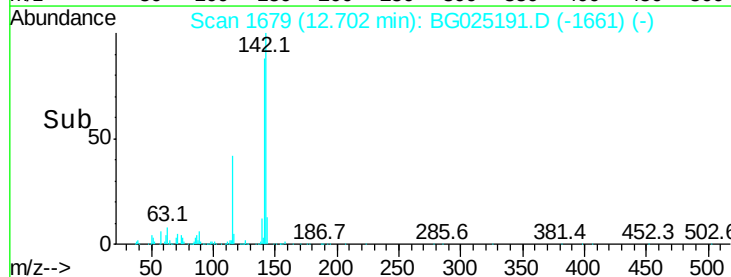
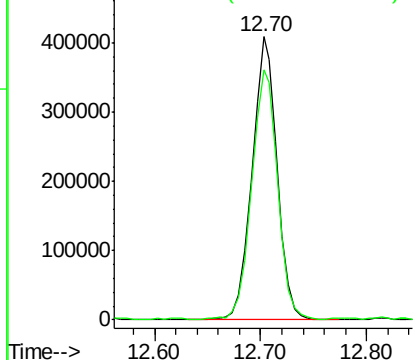


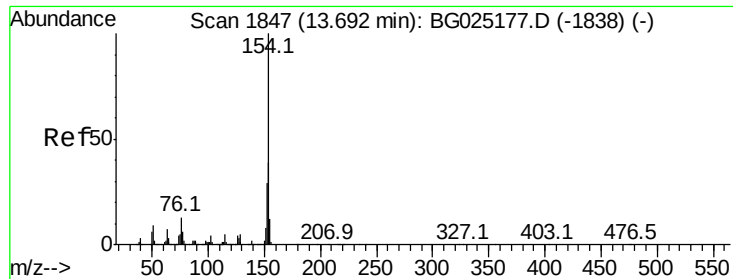
#34
2-Methylnaphthalene
Concen: 56.05 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Tgt Ion:142 Resp: 671541
Ion Ratio Lower Upper
142 100
141 88.2 68.6 102.8



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





#40

1,1'-Biphenyl

Concen: 14.16 ng/ul

RT: 13.70 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BG025191.D

Acq: 15 Dec 2016 00:54

Instrument :

BNA_G

ClientSampleId :

DA836

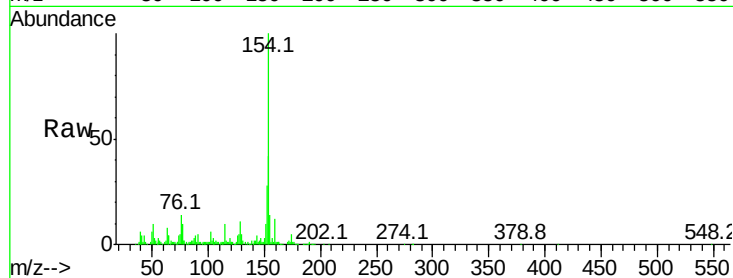
Tot Ion:154 Resp: 223163

Ion Ratio Lower Upper

154 100

153 41.5 32.2 48.2

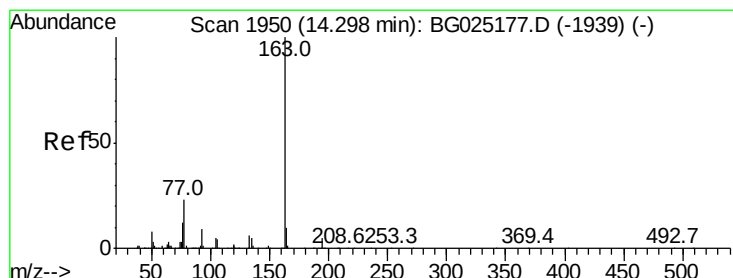
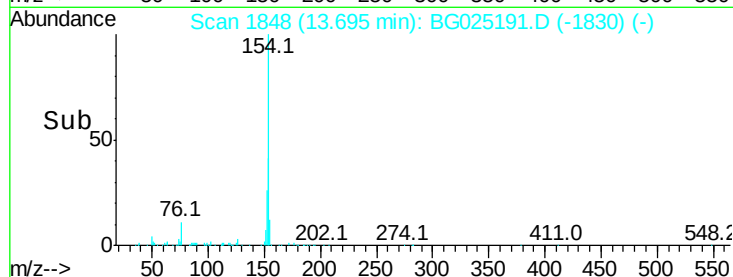
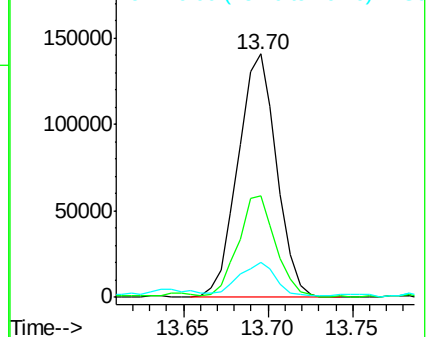
76 14.1 9.6 14.4



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



#44

Dimethylphthalate

Concen: 18.72 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG025191.D

Acq: 15 Dec 2016 00:54

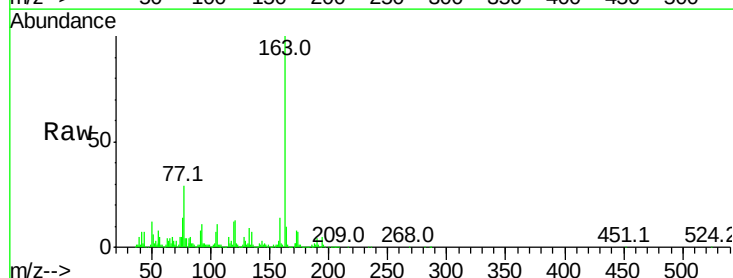
Tgt Ion:163 Resp: 328790

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.0#

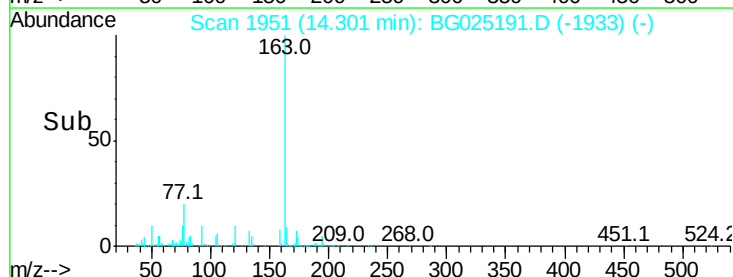
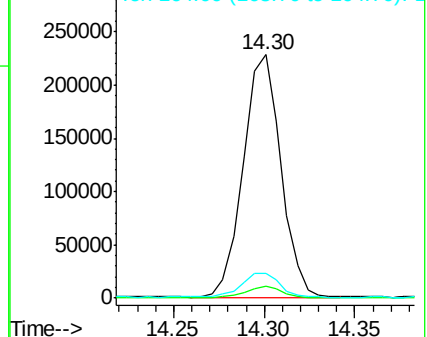
164 10.0 9.0 13.4

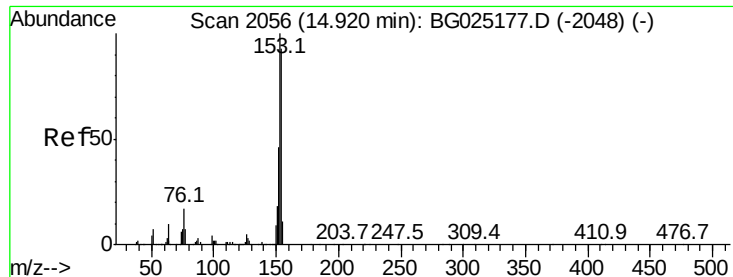


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 4.79 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG025191.D

Acq: 15 Dec 2016 00:54

Instrument :

BNA_G

ClientSampleId :

DA836

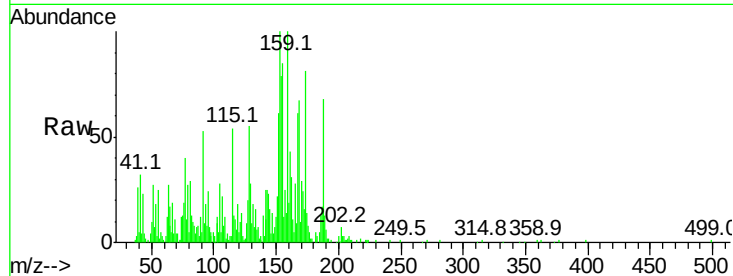
Tot Ion:153 Resp: 62471

Ion Ratio Lower Upper

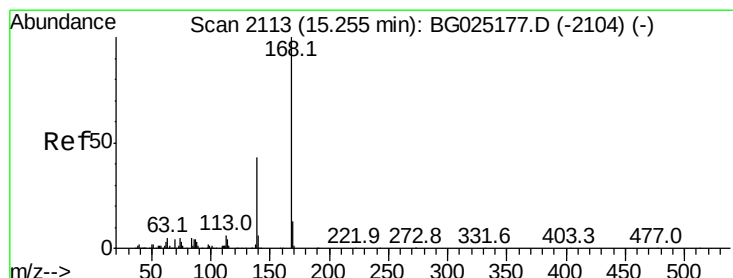
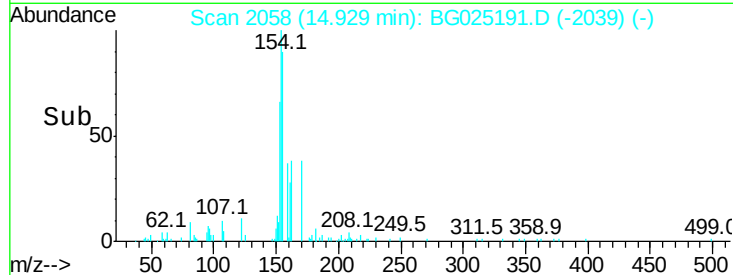
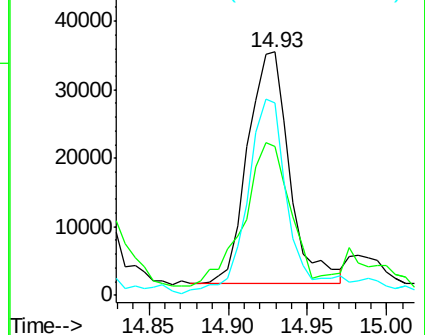
153 100

152 61.2 36.5 54.7#

154 78.9 72.3 108.5



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



#53

Dibenzofuran

Concen: 7.01 ng/ul

RT: 15.26 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BG025191.D

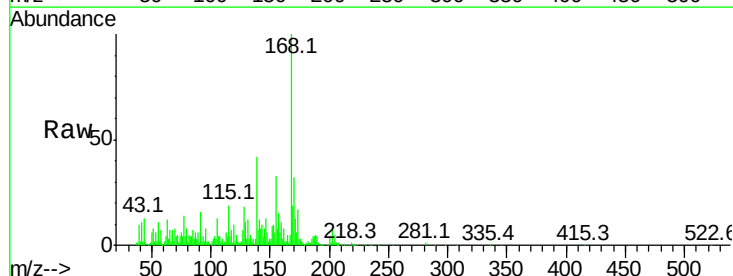
Acq: 15 Dec 2016 00:54

Tgt Ion:168 Resp: 144669

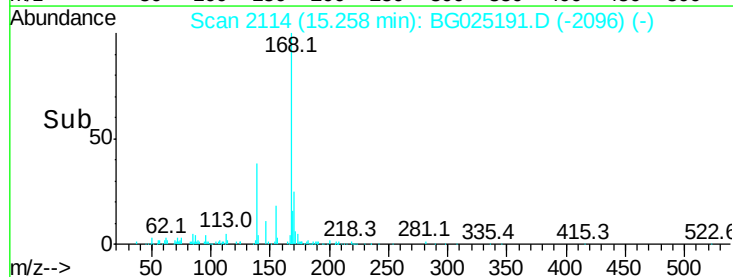
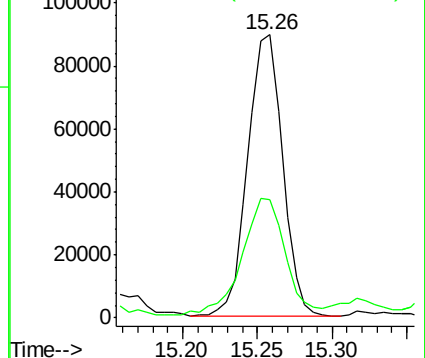
Ion Ratio Lower Upper

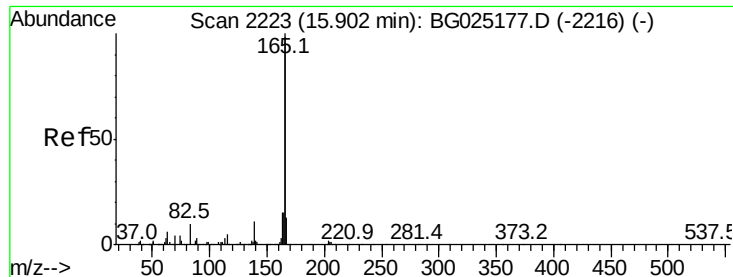
168 100

139 42.0 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 8.73 ng/ul

RT: 15.90 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG025191.D

Acq: 15 Dec 2016 00:54

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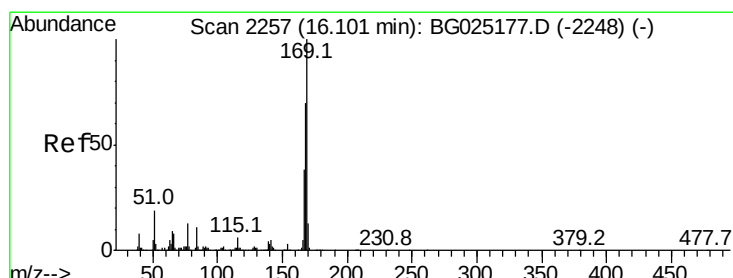
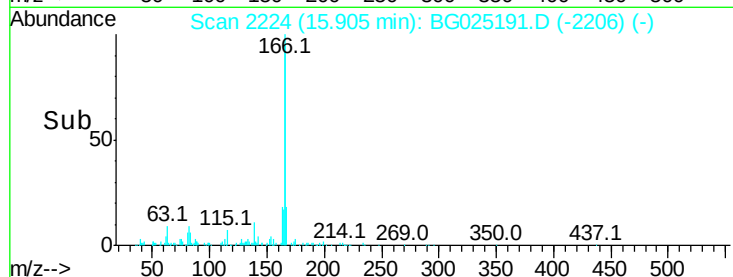
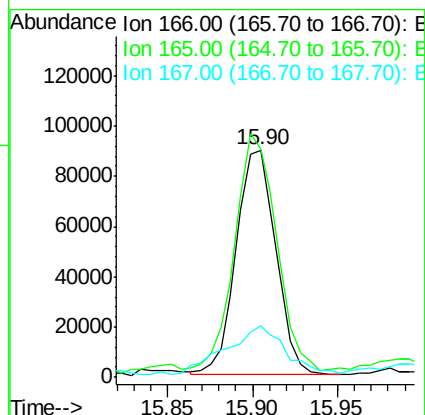
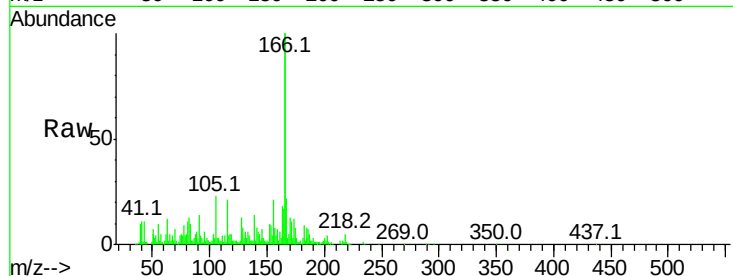
Tot Ion:166 Resp: 146545

Ion Ratio Lower Upper

166 100

165 100.0 79.7 119.5

167 22.4 11.4 17.2#



#64

N-Nitrosodiphenylamine

Concen: 3.06 ng/ul

RT: 16.10 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BG025191.D

Acq: 15 Dec 2016 00:54

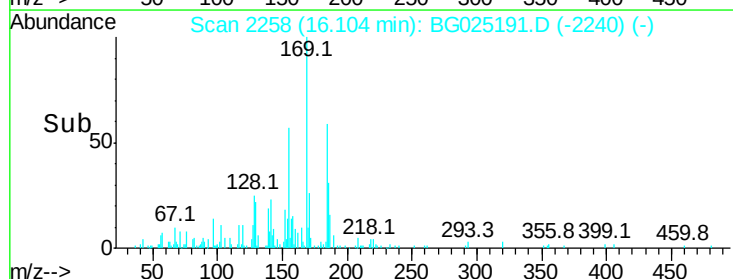
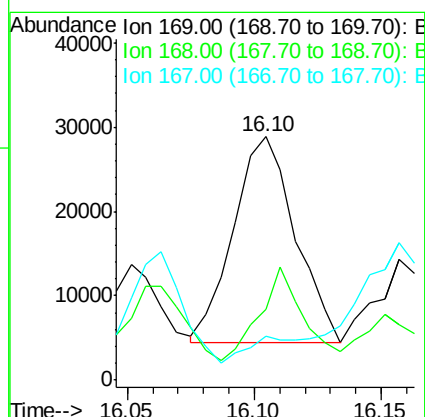
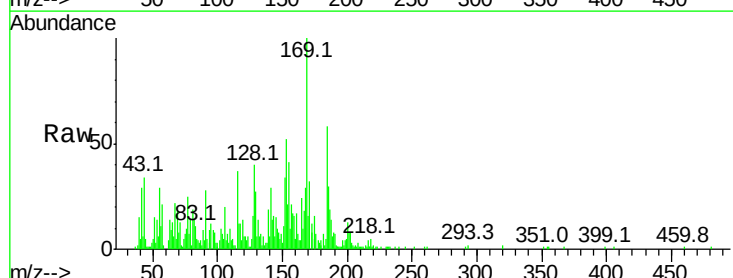
Tgt Ion:169 Resp: 41511

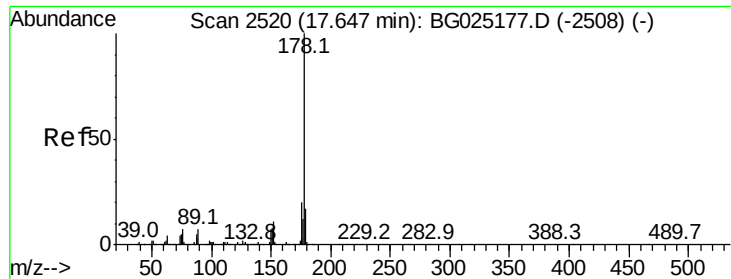
Ion Ratio Lower Upper

169 100

168 29.3 59.1 88.7#

167 18.3 29.7 44.5#





#69

Phenanthrene

Concen: 3.20 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025191.D

Acq: 15 Dec 2016 00:54

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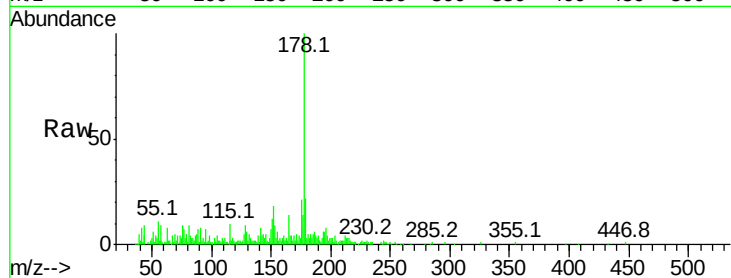
Tot Ion:178 Resp: 80563

Ion Ratio Lower Upper

178 100

179 21.7 12.4 18.6#

176 21.0 16.5 24.7



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

