

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
 Data File : BG020396.D
 Acq On : 22 Dec 2015 3:34
 Operator : UM/SJ
 Sample : G4768-21DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N45DL

Quant Time: Dec 22 06:42:48 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 05:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	73738	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	46888	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	117221	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	137942	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	101233	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	7.24	99	1150	0.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	3073	3.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	3292	3.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	2334	1.89	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	1942	3.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	1870	2.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	3943	3.04	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	13442	3.54	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	17102	3.88	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	13801	4.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	23430	4.34	ng/ul	0.00
79) Pyrene-d10	19.85	212	25267	3.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	18628	3.69	ng/ul	0.00

Target Compounds

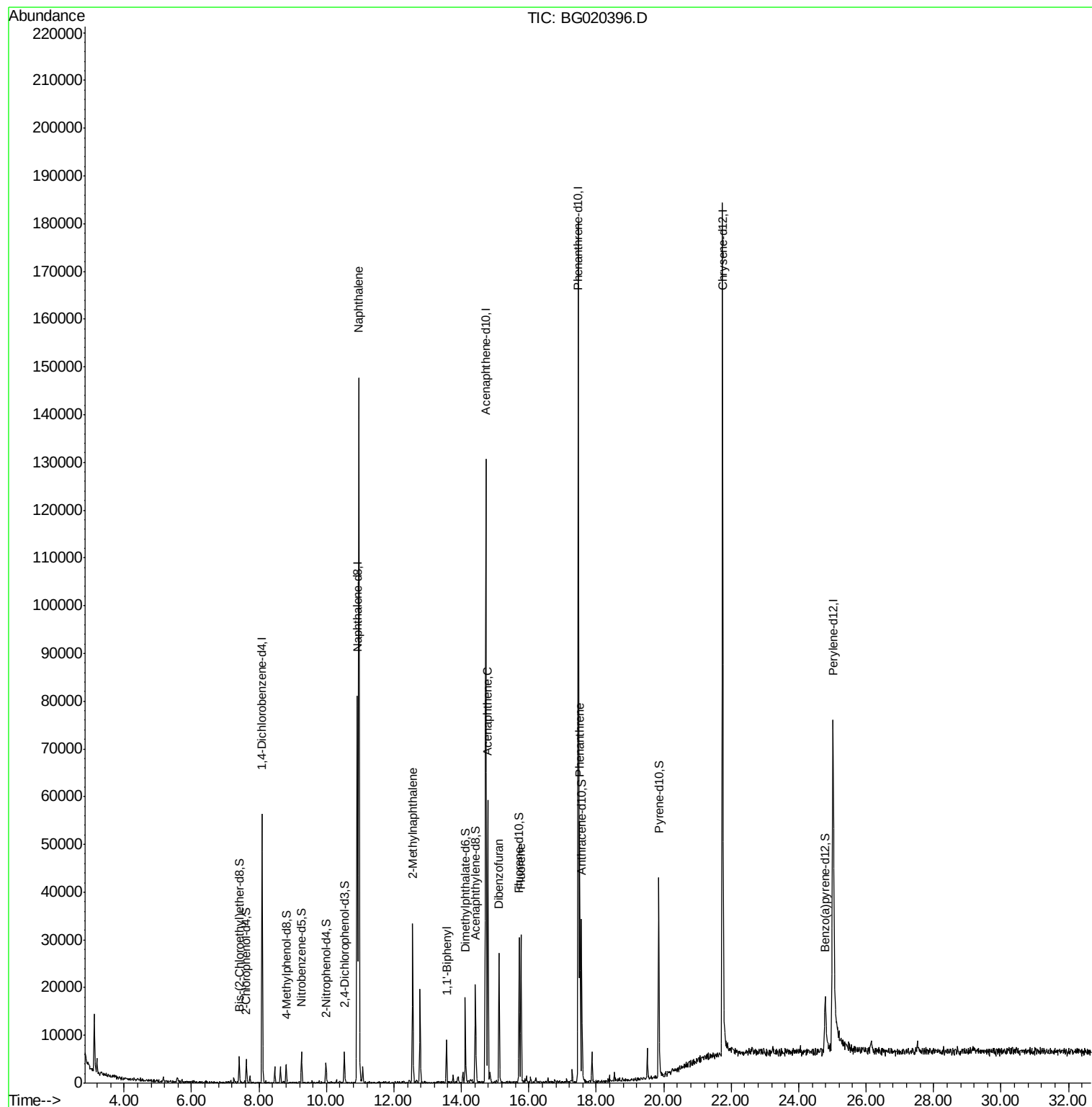
						Ovalue
28) Naphthalene	10.96	128	131867	34.24	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	16951	5.76	ng/ul	95
41) 1,1'-Biphenyl	13.56	154	5607	1.59	ng/ul#	91
50) Acenaphthene	14.78	153	27131	8.60	ng/ul	100
54) Dibenzofuran	15.12	168	19664	4.19	ng/ul	97
59) Fluorene	15.77	166	16432	4.36	ng/ul	94
70) Phenanthrene	17.51	178	34950	5.45	ng/ul	98

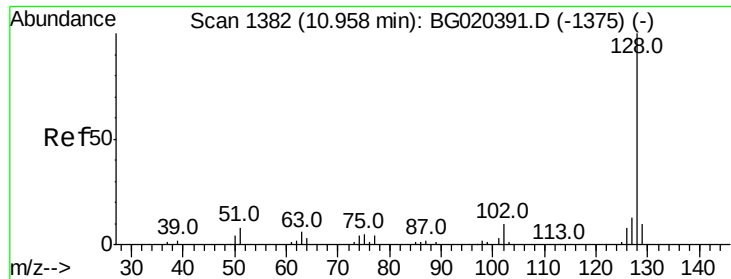
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 34.24 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BG020396.D

Acq: 22 Dec 2015 3:34

Instrument :

BNA_G

ClientSampleId :

D9N45DL

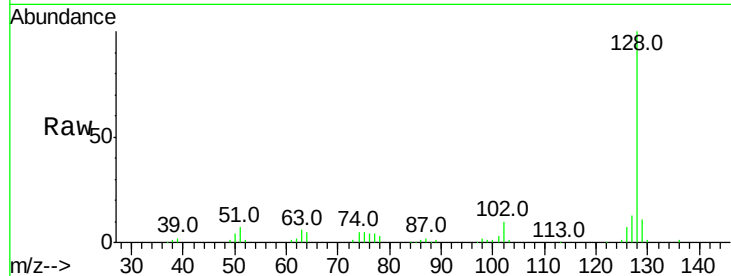
Tot Ion:128 Resp: 131867

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

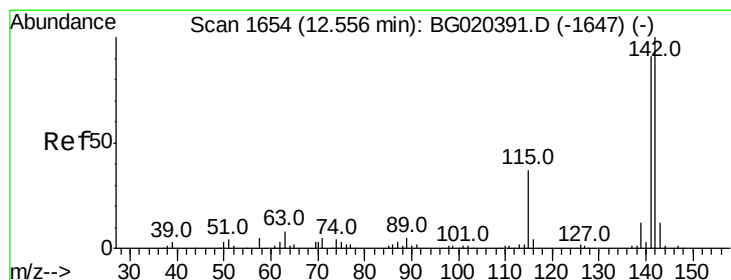
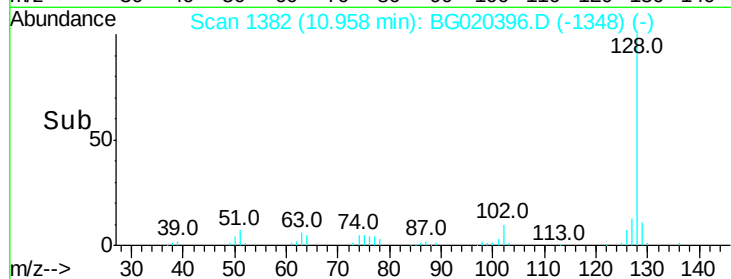
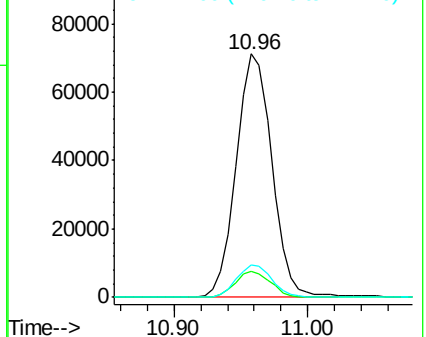
127 13.2 10.1 15.1



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: 5.76 ng/ul

RT: 12.56 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG020396.D

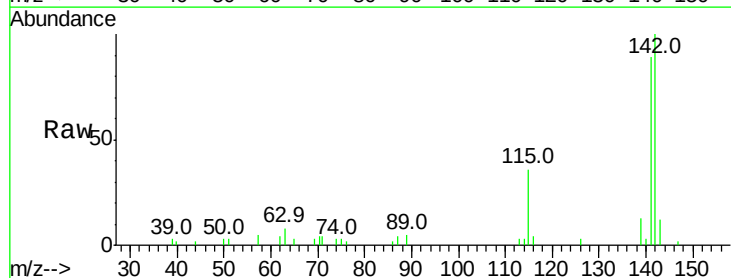
Acq: 22 Dec 2015 3:34

Tgt Ion:142 Resp: 16951

Ion Ratio Lower Upper

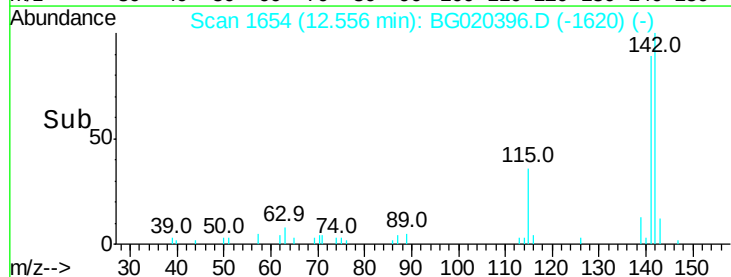
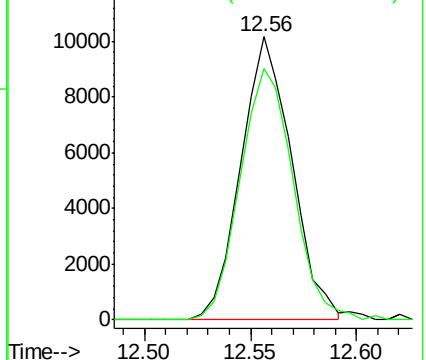
142 100

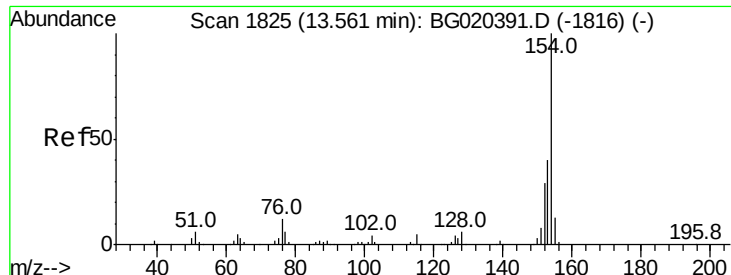
141 88.8 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

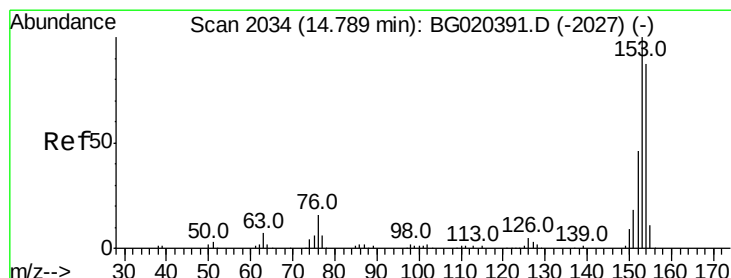
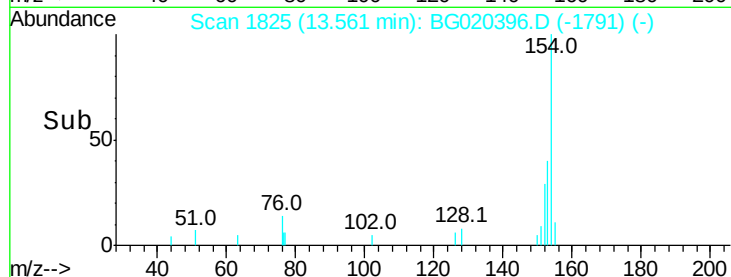
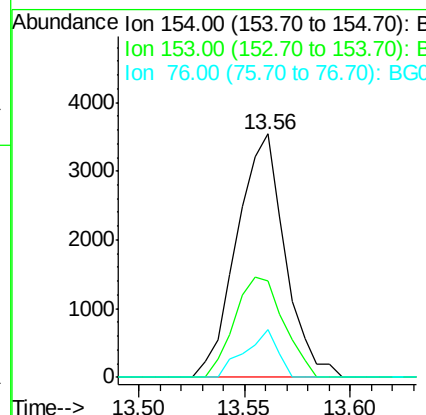
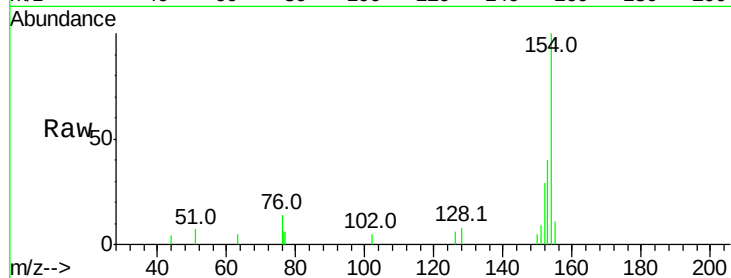




#41
 1,1'-Biphenyl
 Concen: 1.59 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BG020396.D
 Acq: 22 Dec 2015 3:34

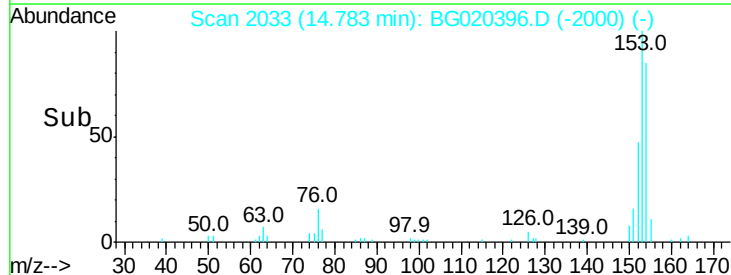
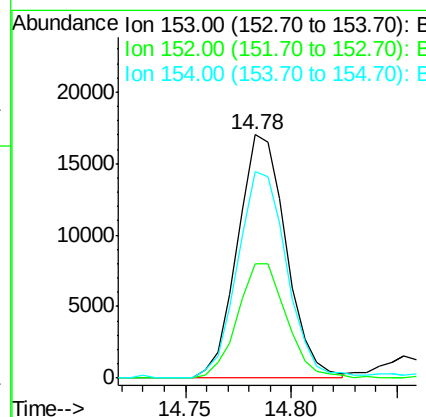
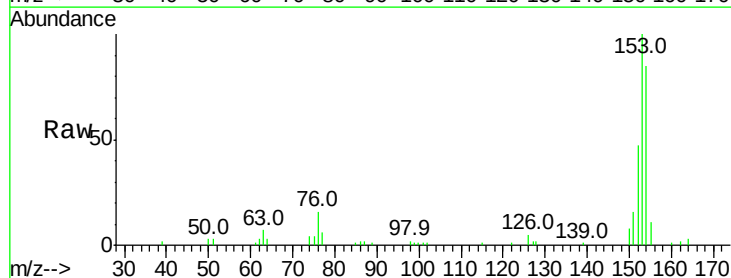
Instrument :
 BNA_G
 ClientSampleId :
 D9N45DL

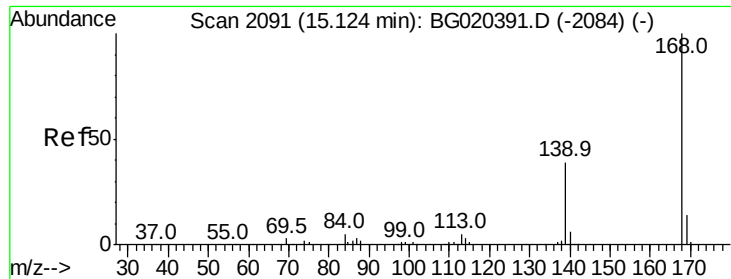
Tot Ion:154 Resp: 5607
 Ion Ratio Lower Upper
 154 100
 153 39.7 35.5 53.3
 76 19.6 10.4 15.6#



#50
 Acenaphthene
 Concen: 8.60 ng/ul
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BG020396.D
 Acq: 22 Dec 2015 3:34

Tgt Ion:153 Resp: 27131
 Ion Ratio Lower Upper
 153 100
 152 46.7 37.6 56.4
 154 84.8 67.9 101.9





#54

Dibenzenofuran

Concen: 4.19 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG020396.D

Acq: 22 Dec 2015 3:34

Instrument :

BNA_G

ClientSampleId :

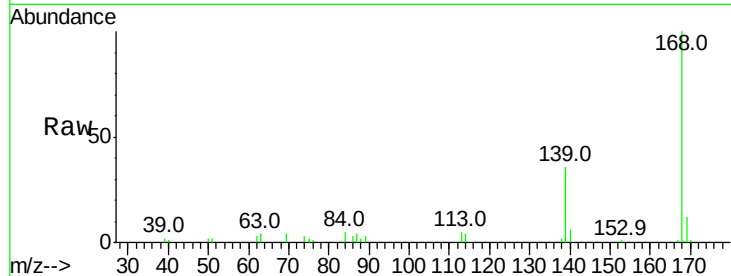
D9N45DL

Tot Ion:168 Resp: 19664

Ion Ratio Lower Upper

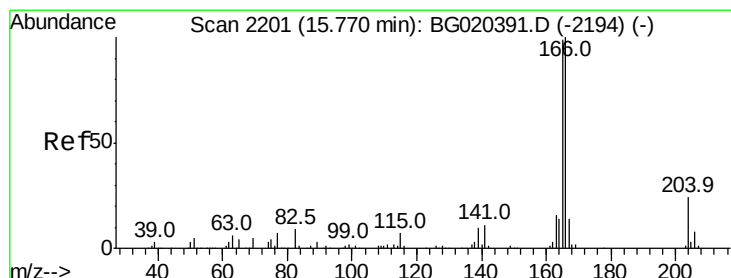
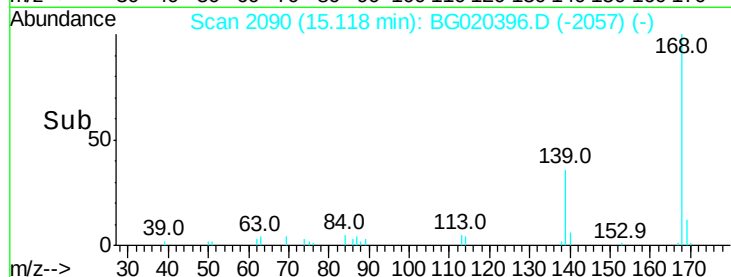
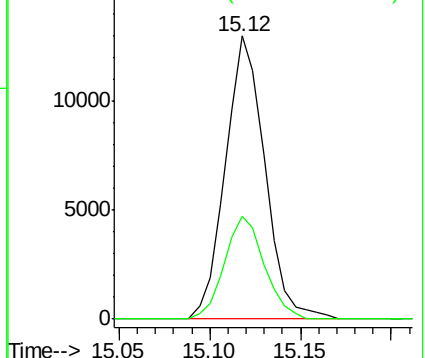
168 100

139 36.5 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: 4.36 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG020396.D

Acq: 22 Dec 2015 3:34

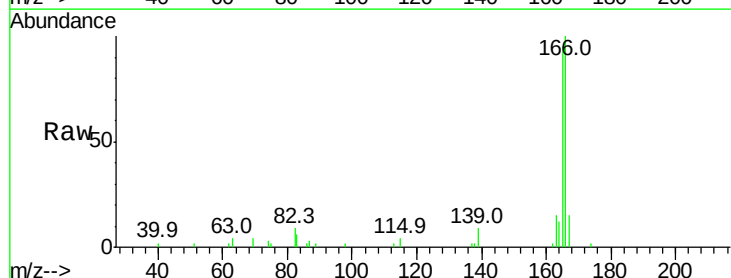
Tgt Ion:166 Resp: 16432

Ion Ratio Lower Upper

166 100

165 94.5 81.4 122.0

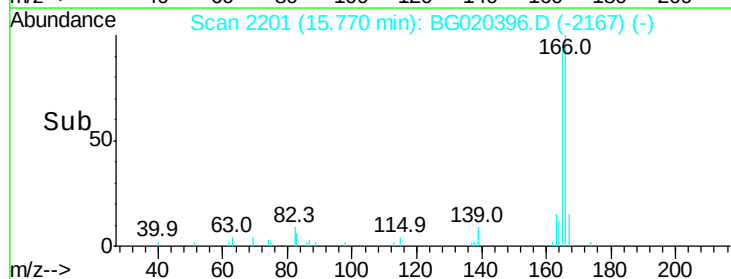
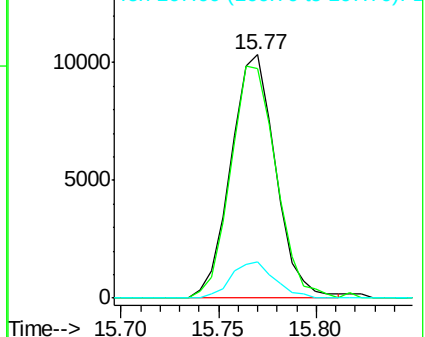
167 14.6 11.2 16.8

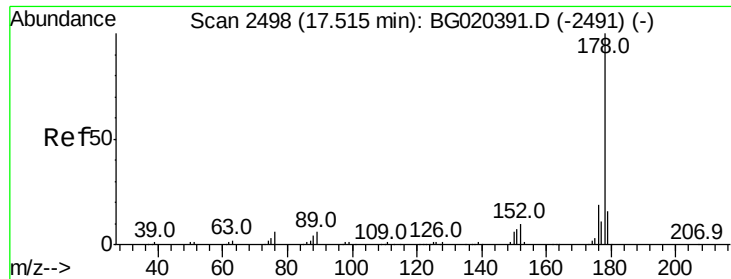


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 5.45 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.01 min

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Acq: 22 Dec 2015 3:34

Instrument :

BNA_G

ClientSampleId :

D9N45DL

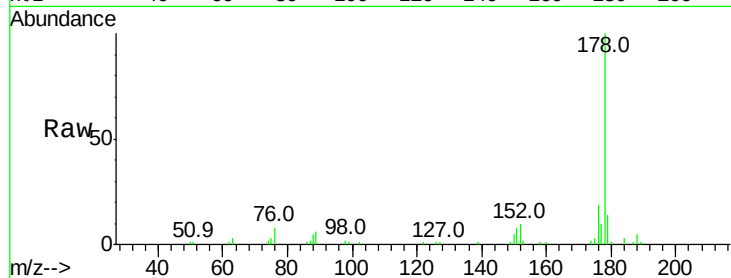
Tot Ion:178 Resp: 34950

Ion Ratio Lower Upper

178 100

179 14.4 12.9 19.3

176 18.7 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

