

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
 Data File : BG020389.D
 Acq On : 21 Dec 2015 23:00
 Operator : UM/SJ
 Sample : G4768-15DL 25X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N39DL

Quant Time: Dec 22 04:49:36 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:00:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	80434	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	51440	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	121562	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	146066	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	108391	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	7.41	67	1161	1.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	1102	0.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	707	0.51	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	593	0.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	724	1.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	1142	0.81	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	5273	1.27	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	6567	1.36	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	5635	1.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	9860m	1.76	ng/ul	0.00
79) Pyrene-d10	19.85	212	9914	1.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	7200	1.33	ng/ul	0.00

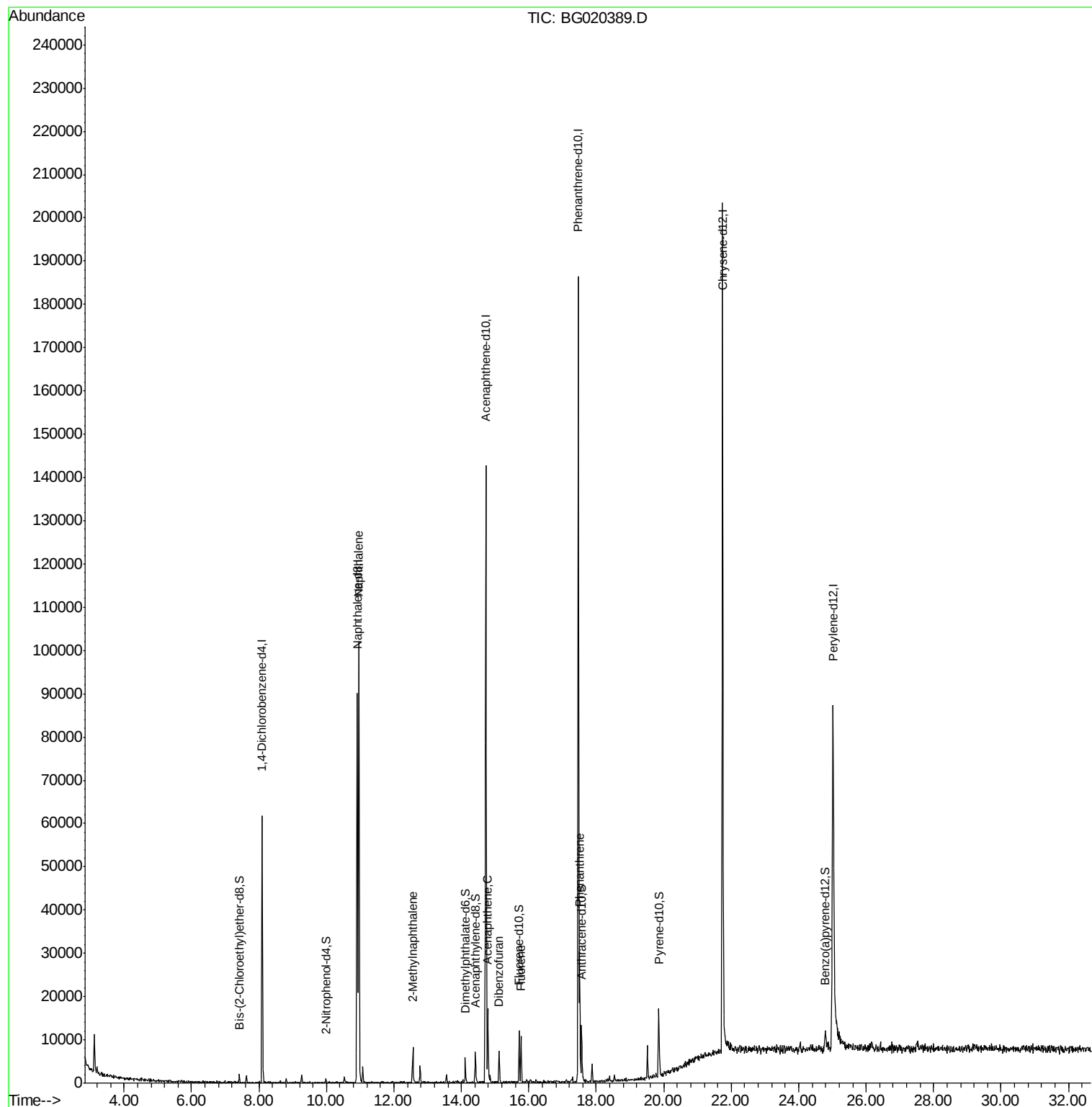
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.96	128	89410	21.29	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	5575	1.74	ng/ul	99
50) Acenaphthene	14.78	153	8061	2.33	ng/ul	93
54) Dibenzofuran	15.12	168	6409	1.25	ng/ul	91
59) Fluorene	15.76	166	6095	1.47	ng/ul	89
70) Phenanthrene	17.51	178	20872	3.14	ng/ul	98

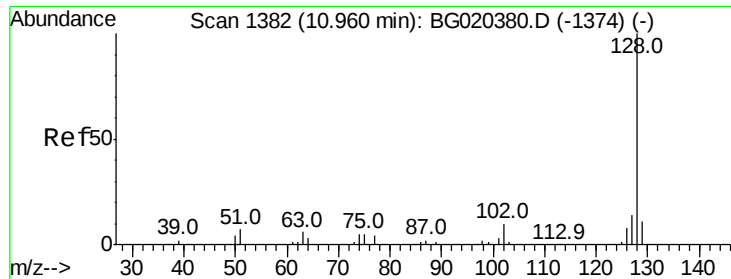
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020389.D
Acq On : 21 Dec 2015 23:00
Operator : UM/SJ
Sample : G4768-15DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N39DL

Quant Time: Dec 22 04:49:36 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 02:00:19 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 21.29 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BG020389.D

Acq: 21 Dec 2015 23:00

Instrument :

BNA_G

ClientSampleId :

D9N39DL

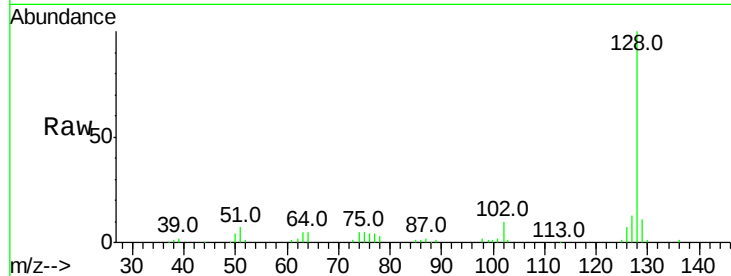
Tot Ion:128 Resp: 89410

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

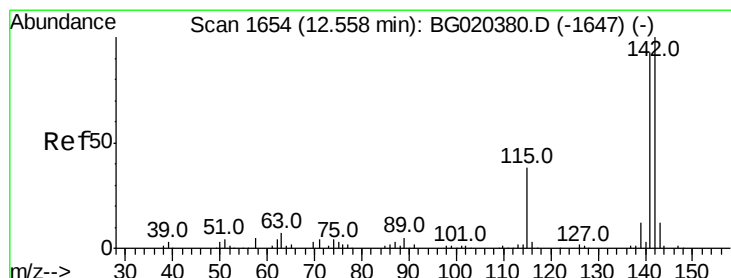
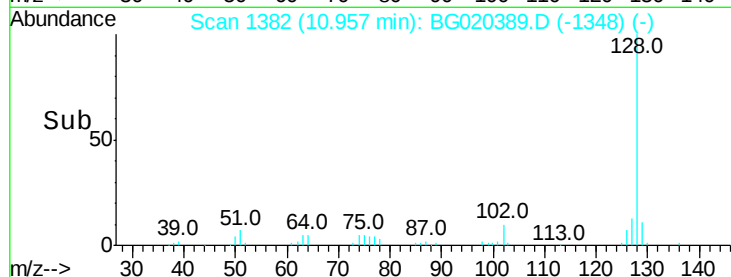
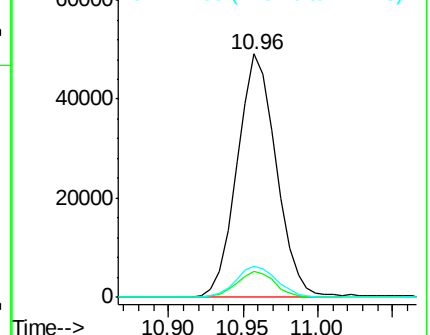
127 12.9 10.1 15.1



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: 1.74 ng/ul

RT: 12.56 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG020389.D

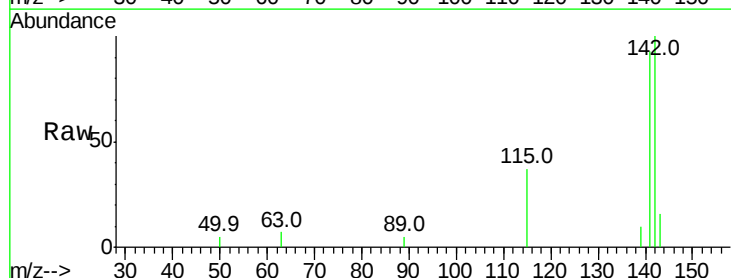
Acq: 21 Dec 2015 23:00

Tgt Ion:142 Resp: 5575

Ion Ratio Lower Upper

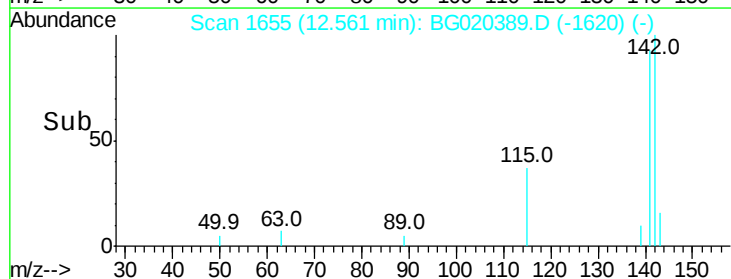
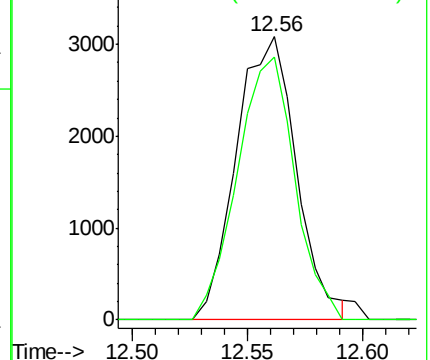
142 100

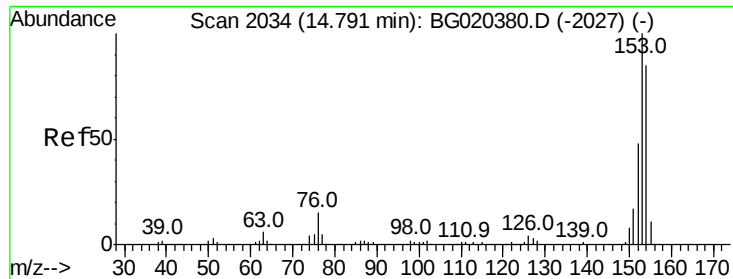
141 92.8 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#50

Acenaphthene

Concen: 2.33 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG020389.D

Acq: 21 Dec 2015 23:00

Instrument :

BNA_G

ClientSampleId :

D9N39DL

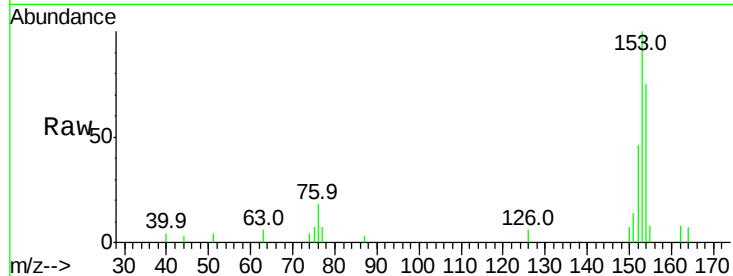
Tot Ion:153 Resp: 8061

Ion Ratio Lower Upper

153 100

152 46.4 37.6 56.4

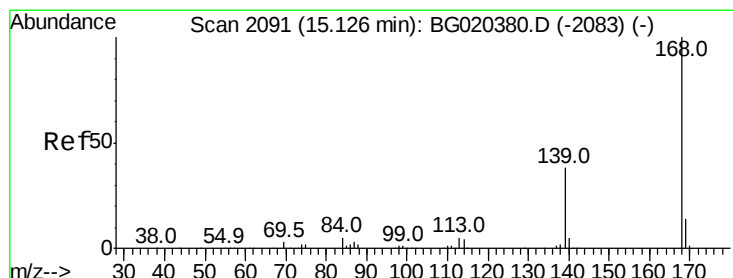
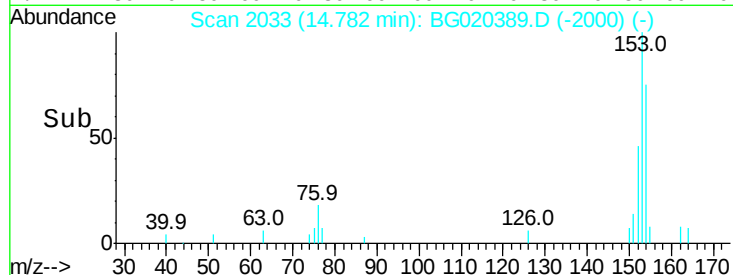
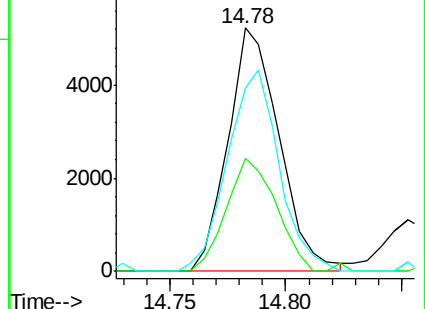
154 75.2 67.9 101.9



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

Dibenzofuran

Concen: 1.25 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG020389.D

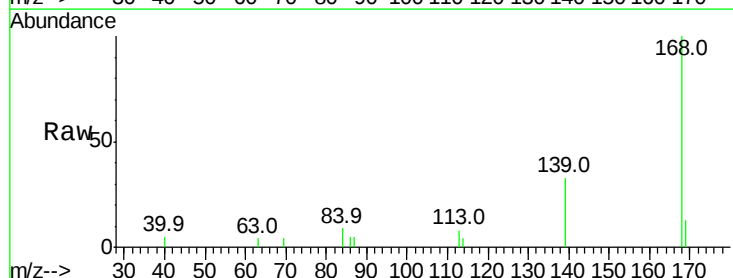
Acq: 21 Dec 2015 23:00

Tgt Ion:168 Resp: 6409

Ion Ratio Lower Upper

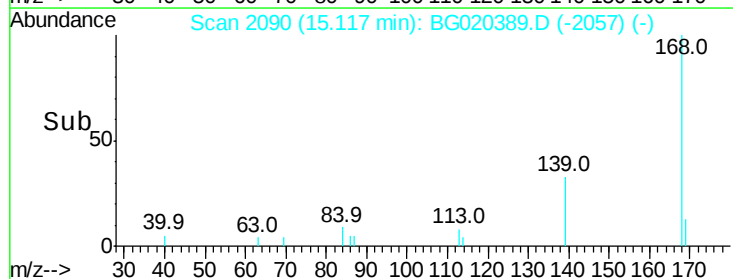
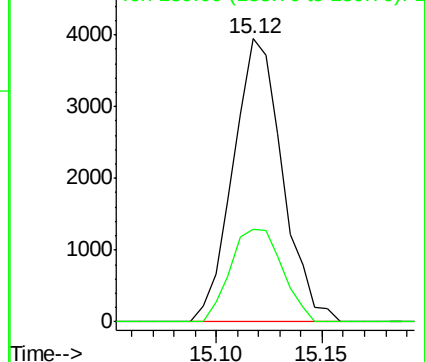
168 100

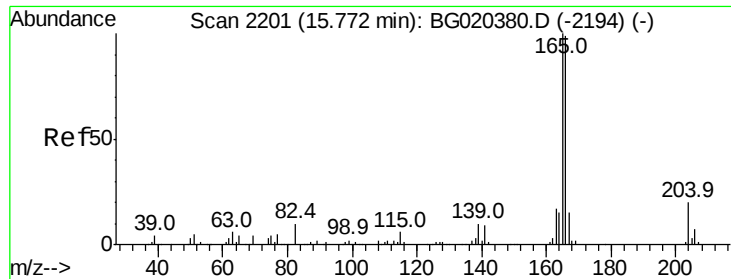
139 32.9 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

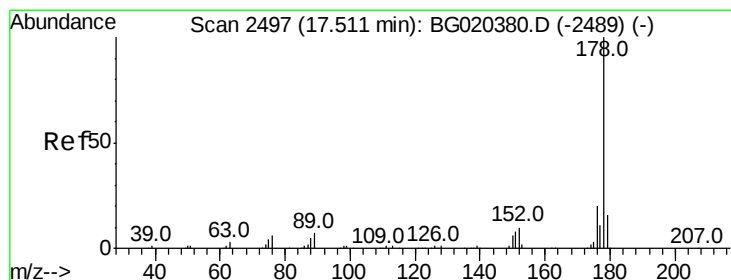
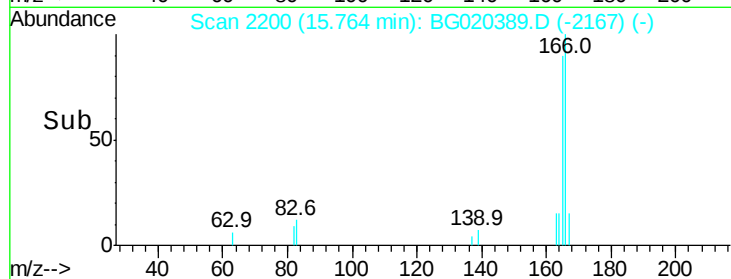
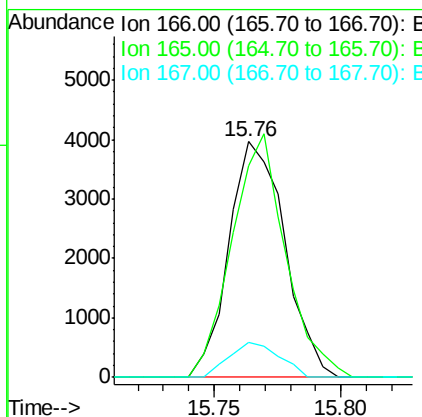
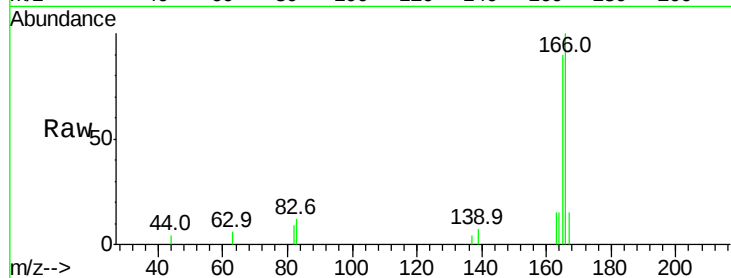




#59
 Fluorene
 Concen: 1.47 ng/ul
 RT: 15.76 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG020389.D
 Acq: 21 Dec 2015 23:00

Instrument :
 BNA_G
 ClientSampleID :
 D9N39DL

Tot Ion:166 Resp: 6095
 Ion Ratio Lower Upper
 166 100
 165 89.6 81.4 122.0
 167 14.9 11.2 16.8



#70
 Phenanthrene
 Concen: 3.14 ng/ul
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG020389.D
 Acq: 21 Dec 2015 23:00

Tgt Ion:178 Resp: 20872
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.9 19.3
 176 18.0 15.3 22.9

