

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
 Data File : BG020395.D
 Acq On : 22 Dec 2015 2:55
 Operator : UM/SJ
 Sample : G4768-20DL 125X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N44DL

Quant Time: Dec 22 05:07:01 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	18072	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	77630	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	50427	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	121500	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	151025	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	108204	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	8.64	113	425	0.31	ng/ul	-0.17
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	10.53	165	117	0.09	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	928	0.23	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	1356	0.29	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.72	176	1283	0.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.47	188	121500	21.70	ng/ul	-0.10
79) Pyrene-d10	19.85	212	1829	0.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	1046	0.19	ng/ul	0.00

Target Compounds

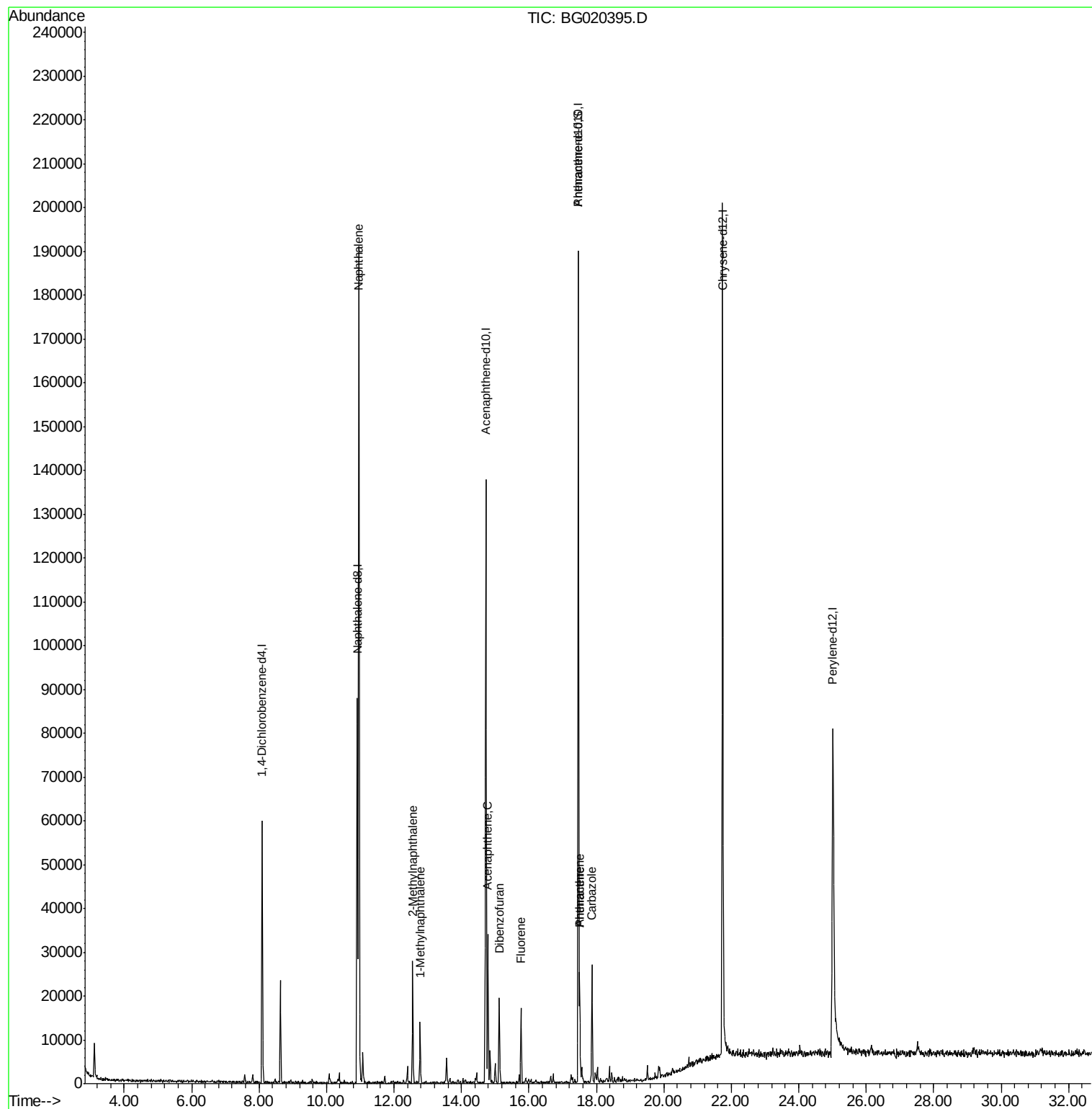
					Qvalue
28) Naphthalene	10.96	128	167182	41.24 ng/ul	99
34) 2-Methylnaphthalene	12.56	142	14366	4.64 ng/ul	89
35) 1-Methylnaphthalene	12.78	142	7939	2.67 ng/ul#	96
50) Acenaphthene	14.79	153	15135	4.46 ng/ul	99
54) Dibenzofuran	15.12	168	13299	2.64 ng/ul	97
59) Fluorene	15.77	166	8712	2.15 ng/ul	97
70) Phenanthrene	17.51	178	17090	2.57 ng/ul	98
72) Anthracene	17.51	178	17090	2.54 ng/ul	97
75) Carbazole	17.87	167	20484	3.62 ng/ul	98

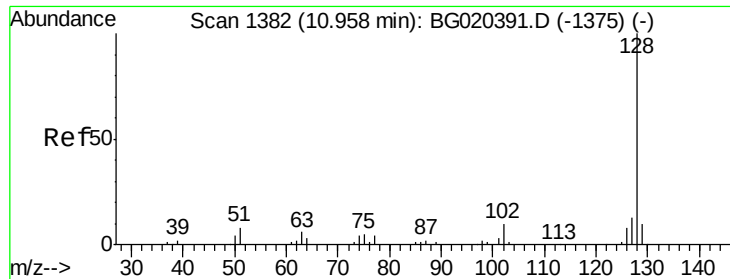
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 41.24 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BG020395.D

Acq: 22 Dec 2015 2:55

Instrument :

BNA_G

ClientSampleId :

D9N44DL

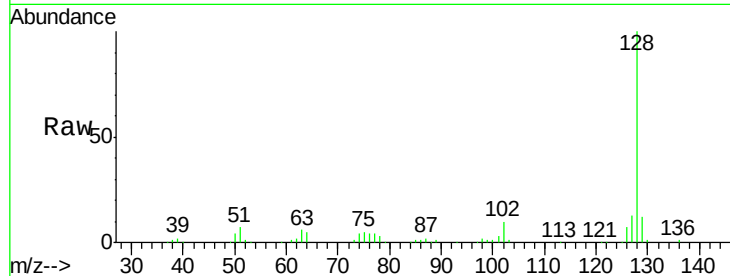
Tgt Ion:128 Resp: 167182

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

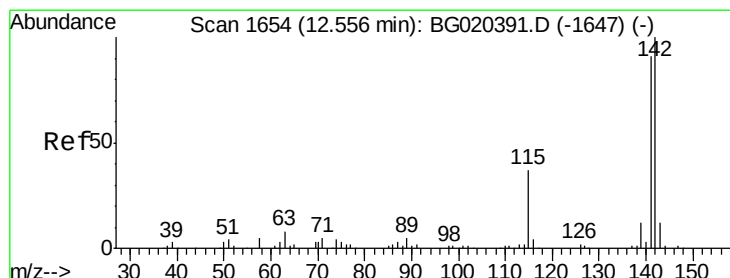
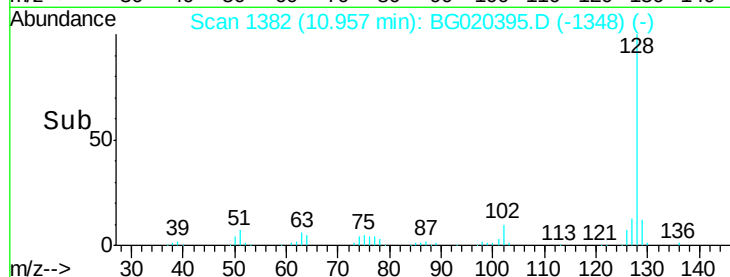
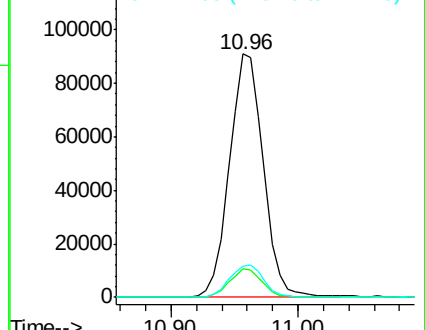
127 12.7 10.1 15.1



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: 4.64 ng/ul

RT: 12.56 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG020395.D

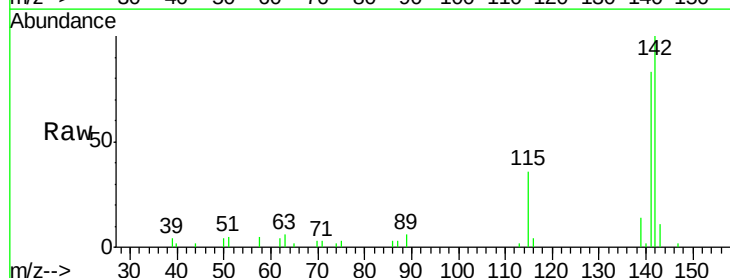
Acq: 22 Dec 2015 2:55

Tgt Ion:142 Resp: 14366

Ion Ratio Lower Upper

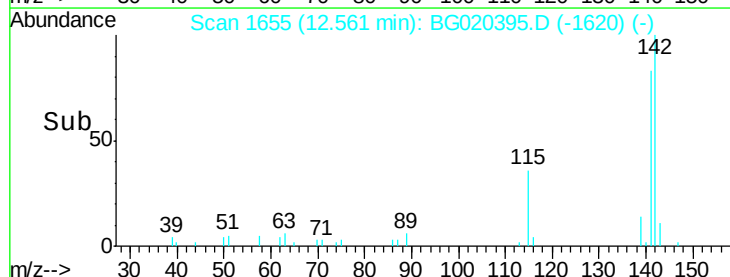
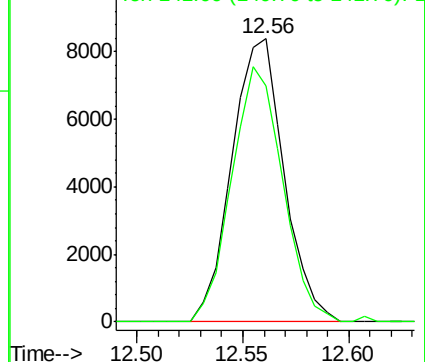
142 100

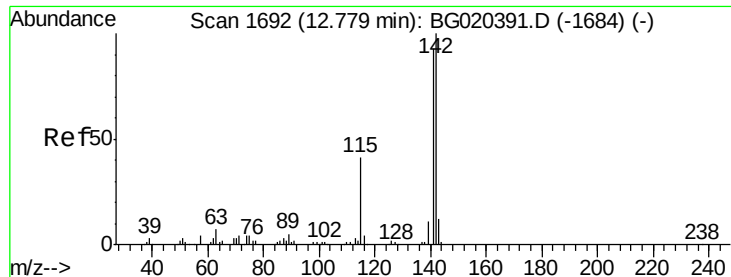
141 83.3 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

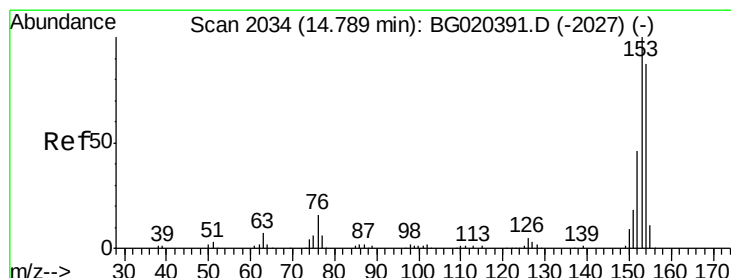
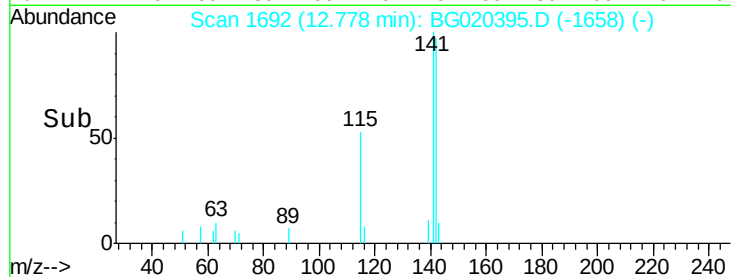
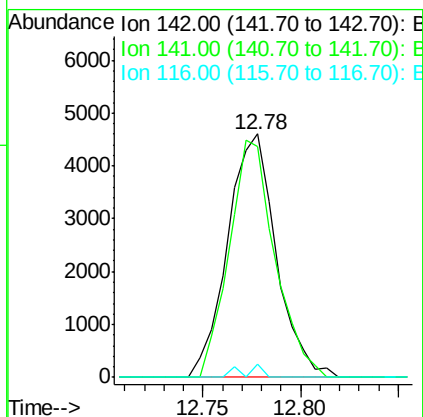
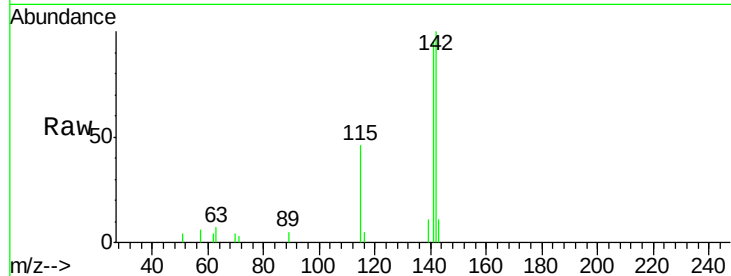




#35
 1-Methylnaphthalene
 Concen: 2.67 ng/ul
 RT: 12.78 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG020395.D
 Acq: 22 Dec 2015 2:55

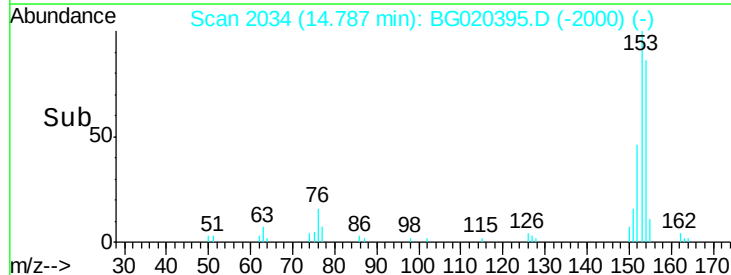
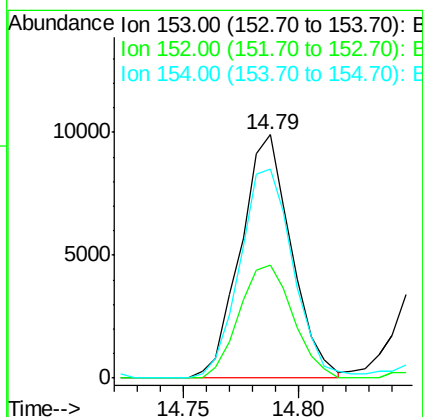
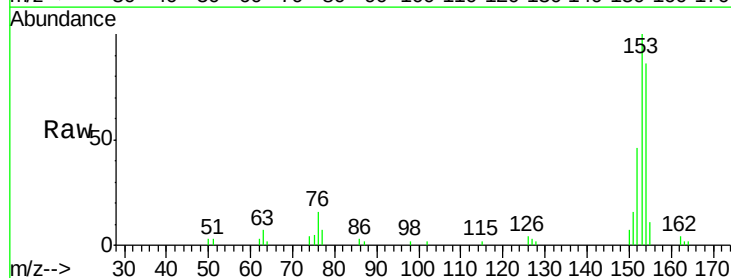
Instrument :
 BNA_G
 ClientSampleId :
 D9N44DL

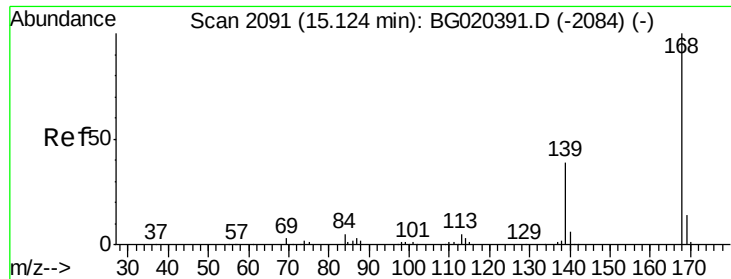
Tgt Ion:142 Resp: 7939
 Ion Ratio Lower Upper
 142 100
 141 94.9 73.0 109.6
 116 5.5 3.0 4.6#



#50
 Acenaphthene
 Concen: 4.46 ng/ul
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BG020395.D
 Acq: 22 Dec 2015 2:55

Tgt Ion:153 Resp: 15135
 Ion Ratio Lower Upper
 153 100
 152 46.2 37.6 56.4
 154 85.8 67.9 101.9

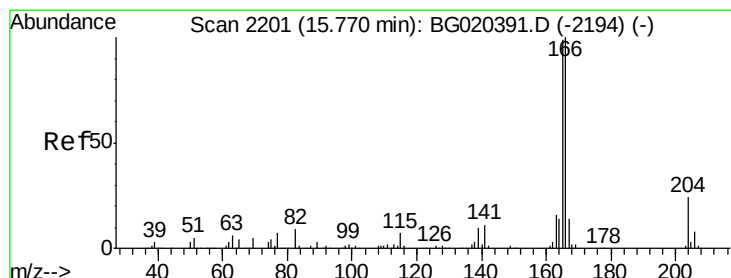
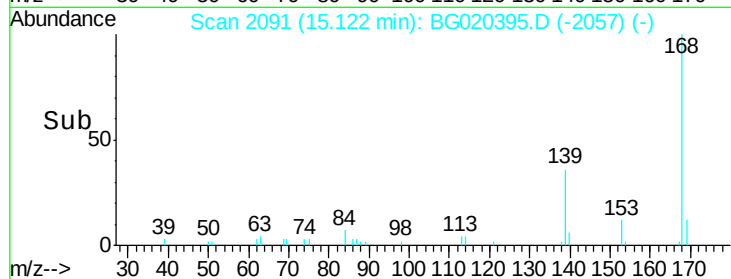
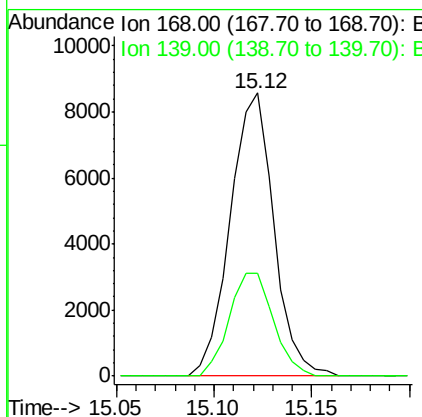
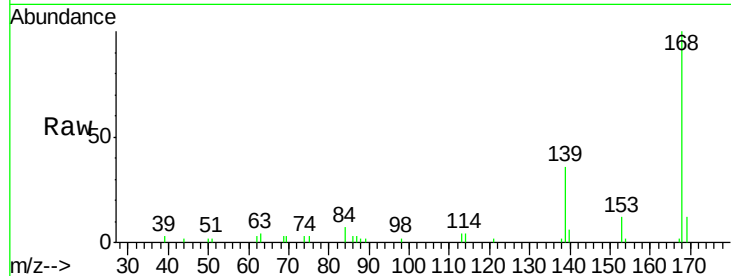




#54
Dibenzenofuran
Concen: 2.64 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG020395.D
Acq: 22 Dec 2015 2:55

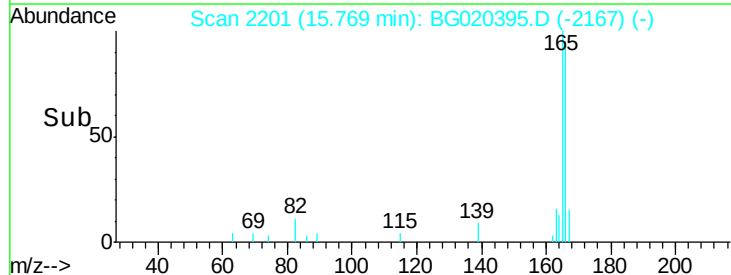
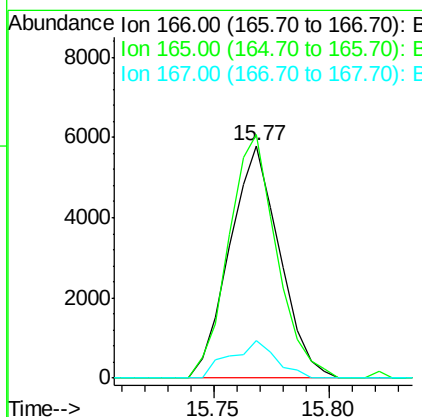
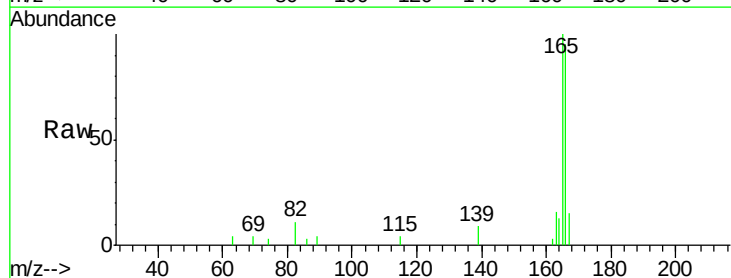
Instrument :
BNA_G
ClientSampleId :
D9N44DL

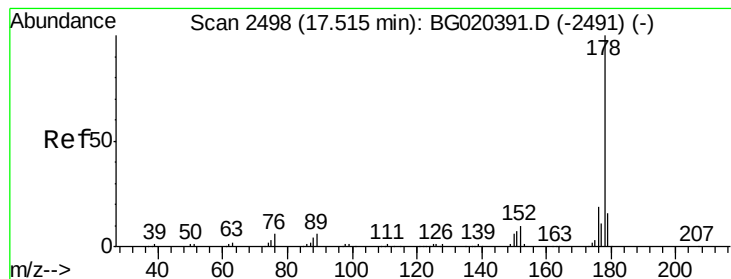
Tgt Ion:168 Resp: 13299
Ion Ratio Lower Upper
168 100
139 36.2 30.5 45.7



#59
Fluorene
Concen: 2.15 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG020395.D
Acq: 22 Dec 2015 2:55

Tgt Ion:166 Resp: 8712
Ion Ratio Lower Upper
166 100
165 104.9 81.4 122.0
167 16.1 11.2 16.8





#70

Phenanthrene

Concen: 2.57 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG020395.D

Acq: 22 Dec 2015 2:55

Instrument :

BNA_G

ClientSampleId :

D9N44DL

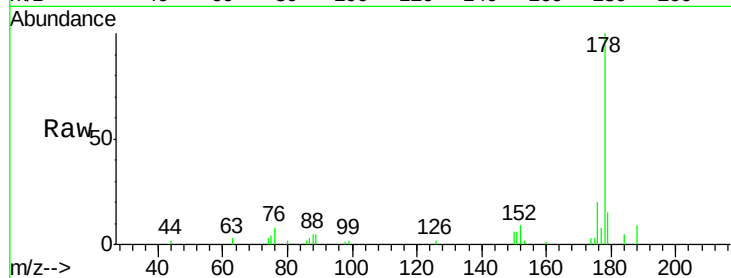
Tgt Ion:178 Resp: 17090

Ion Ratio Lower Upper

178 100

179 15.1 12.9 19.3

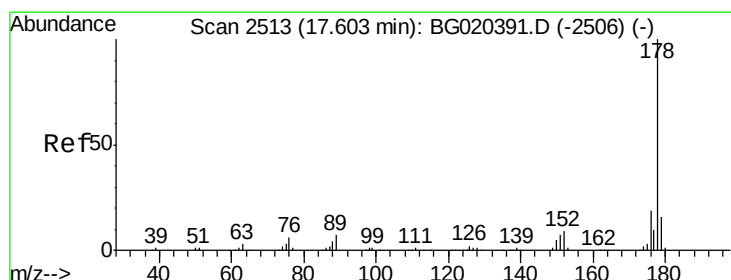
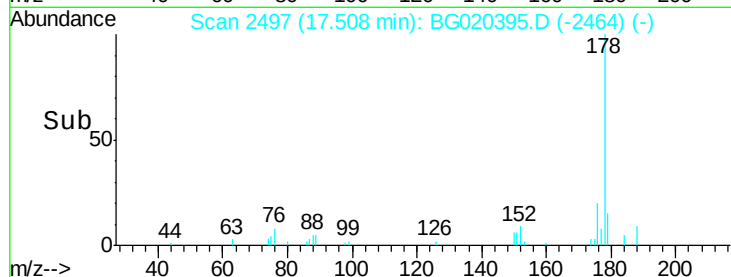
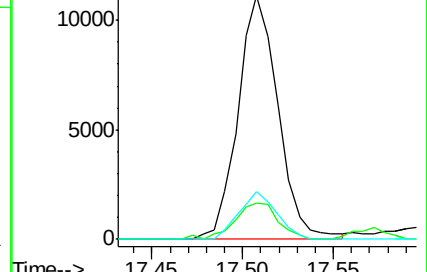
176 19.7 15.3 22.9



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



#72

Anthracene

Concen: 2.54 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.10 min

Lab File: BG020395.D

Acq: 22 Dec 2015 2:55

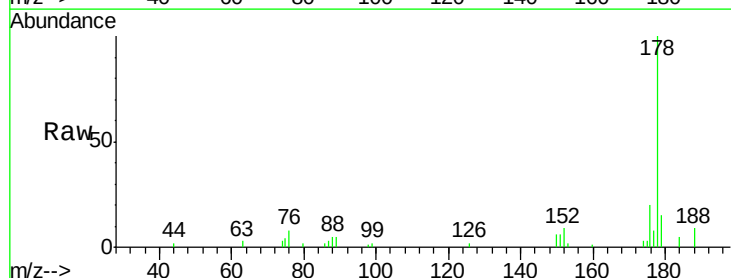
Tgt Ion:178 Resp: 17090

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

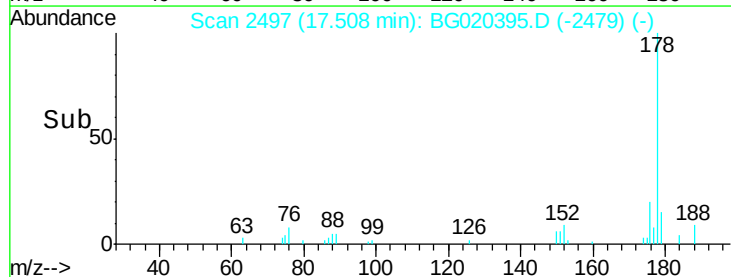
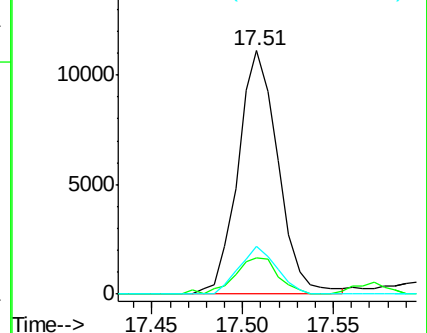
176 19.7 14.3 21.5

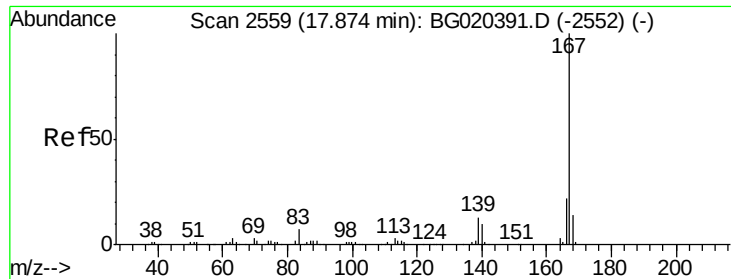


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 3.62 ng/ul

RT: 17.87 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BG020395.D

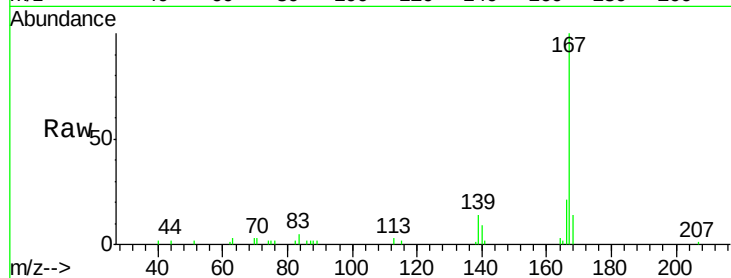
Acq: 22 Dec 2015 2:55

Instrument :

BNA_G

ClientSampleId :

D9N44DL



Tgt Ion:	167	Resp:	20484
Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.6
139	13.9	10.1	15.1

