

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
 Data File : BG020390.D
 Acq On : 21 Dec 2015 23:39
 Operator : UM/SJ
 Sample : G4768-16DL 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N40DL

Quant Time: Dec 22 12:47:33 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	18636	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	81853	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	55586	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	130565	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	160603	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	133017	20.00	ng/ul	-0.02

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	407	0.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	336	0.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	190	0.14	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	146	0.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	222	0.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	635	0.44	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	2595	0.58	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	3124	0.60	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	2988	0.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	5764m	0.96	ng/ul	0.00
79) Pyrene-d10	19.84	212	4952	0.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	4218	0.64	ng/ul	-0.01

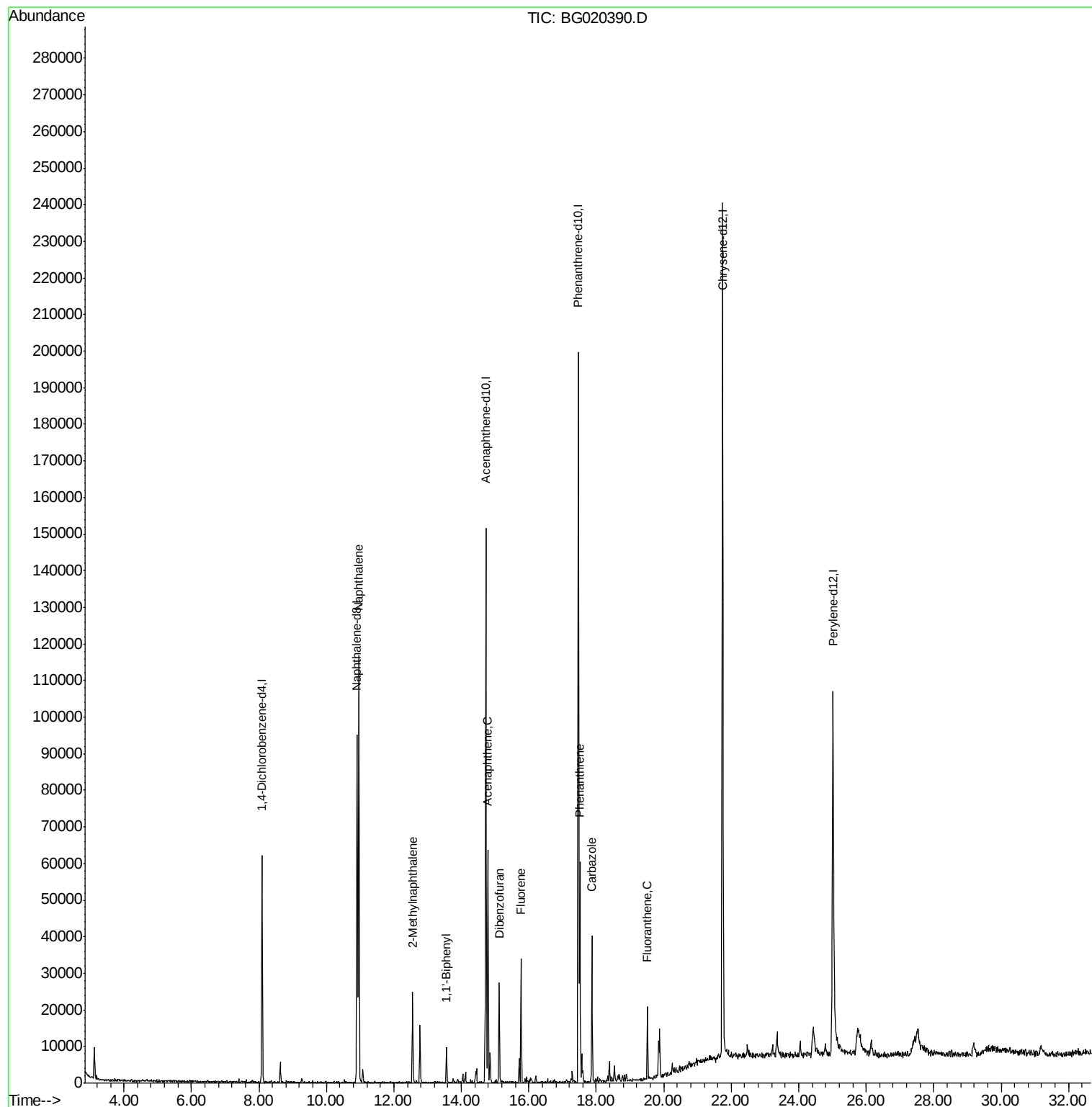
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.96	128	102160	23.90	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	13214	4.05	ng/ul	95
41) 1,1'-Biphenyl	13.56	154	5499	1.31	ng/ul#	93
50) Acenaphthene	14.79	153	27103	7.25	ng/ul	96
54) Dibenzofuran	15.12	168	19913	3.58	ng/ul	98
59) Fluorene	15.77	166	15896	3.56	ng/ul	94
70) Phenanthrene	17.51	178	42132	5.90	ng/ul	98
75) Carbazole	17.87	167	28117	4.62	ng/ul	98
77) Fluoranthene	19.51	202	15012	1.80	ng/ul#	95

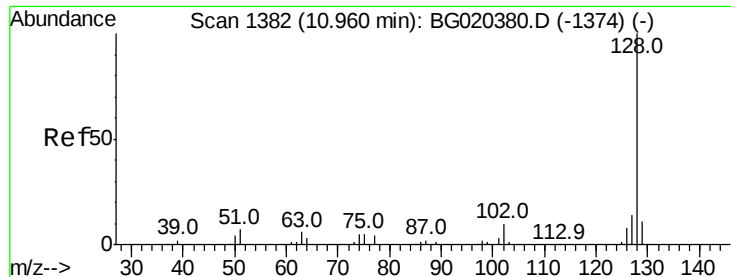
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 23.90 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG020390.D

Acq: 21 Dec 2015 23:39

Instrument :

BNA_G

ClientSampleId :

D9N40DL

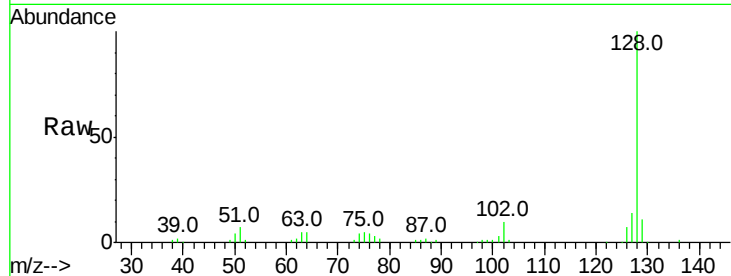
Tot Ion:128 Resp: 102160

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

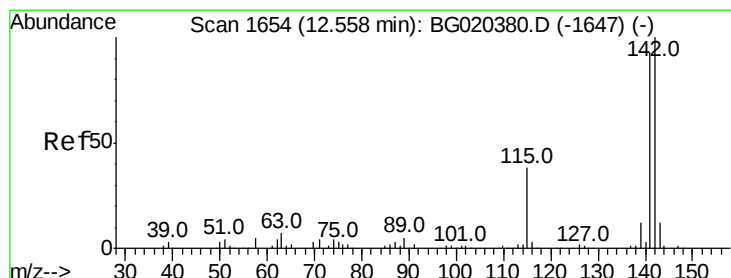
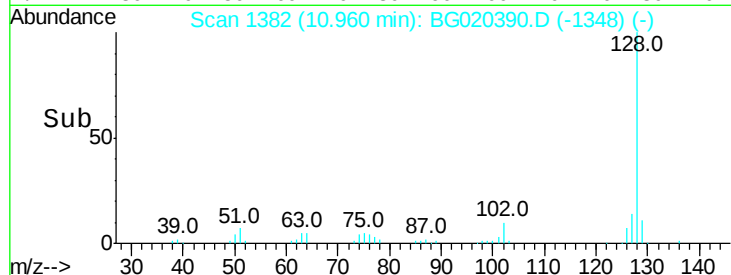
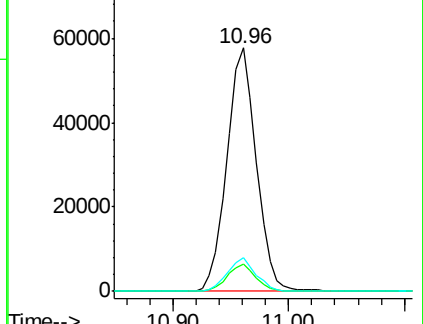
127 13.7 10.1 15.1



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: 4.05 ng/ul

RT: 12.56 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG020390.D

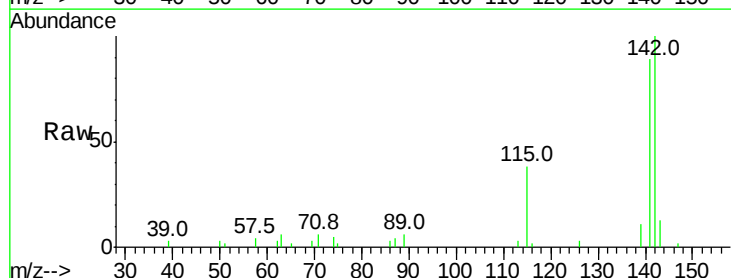
Acq: 21 Dec 2015 23:39

Tgt Ion:142 Resp: 13214

Ion Ratio Lower Upper

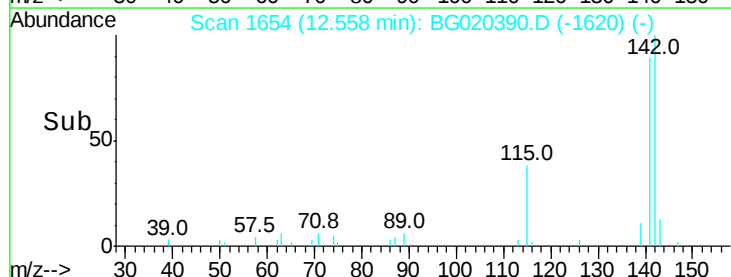
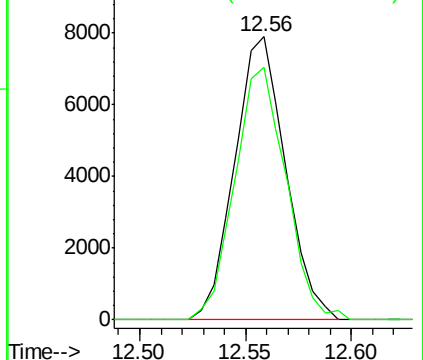
142 100

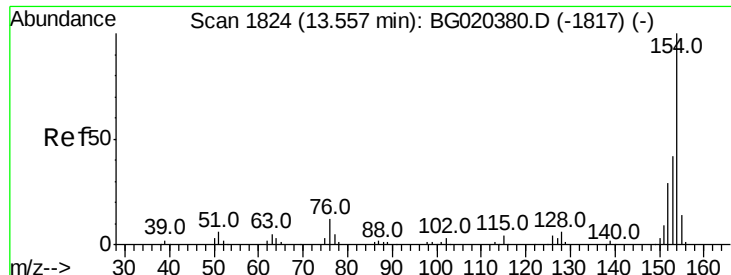
141 89.1 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

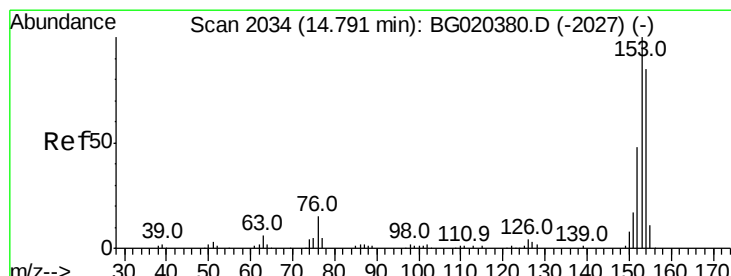
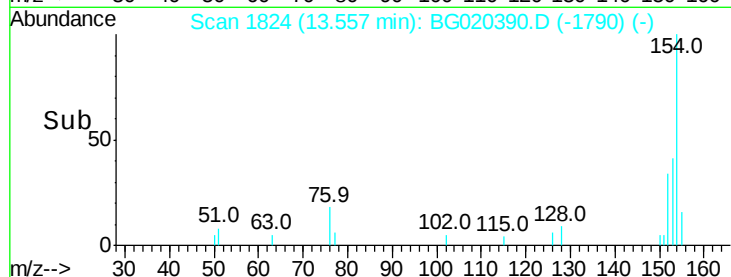
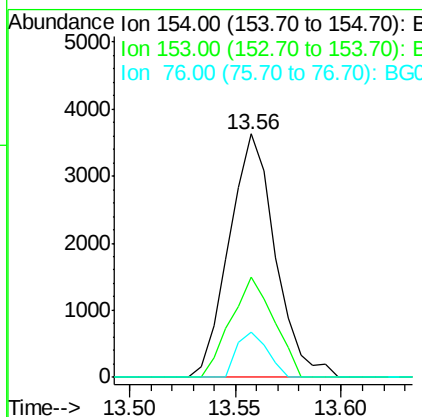
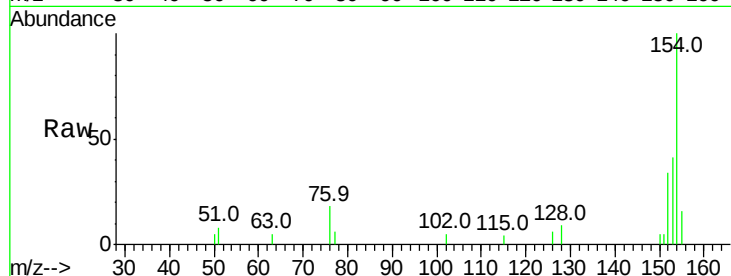




#41
 1,1'-Biphenyl
 Concen: 1.31 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG020390.D
 Acq: 21 Dec 2015 23:39

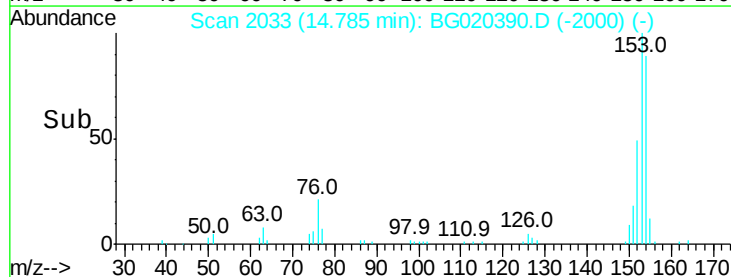
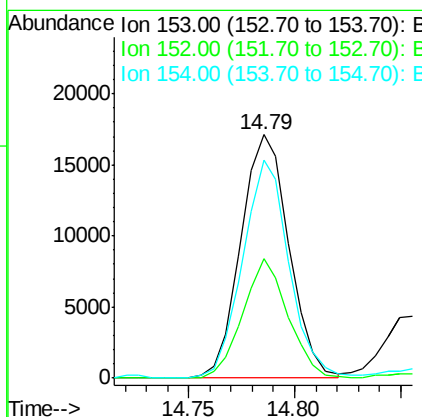
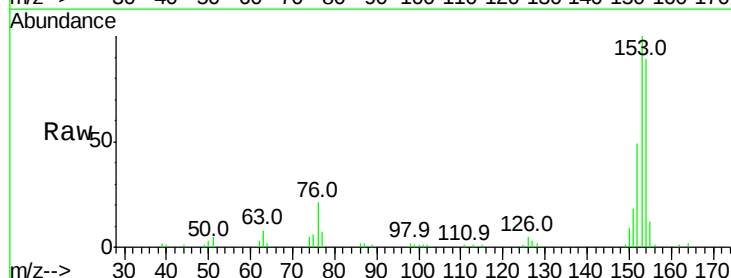
Instrument :
 BNA_G
 ClientSampleId :
 D9N40DL

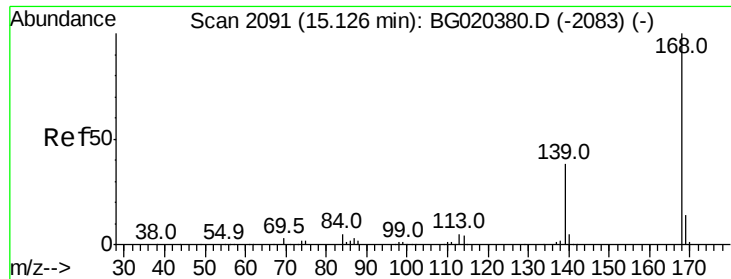
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	35.5	53.3
76	18.3	10.4	15.6



#50
 Acenaphthene
 Concen: 7.25 ng/ul
 RT: 14.79 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BG020390.D
 Acq: 21 Dec 2015 23:39

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.6	56.4
154	89.5	67.9	101.9

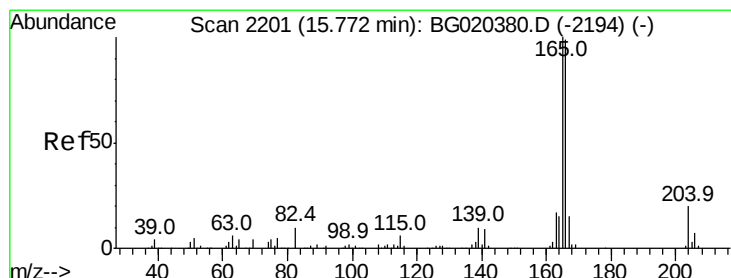
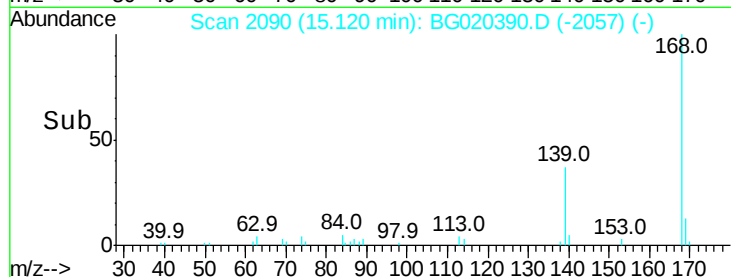
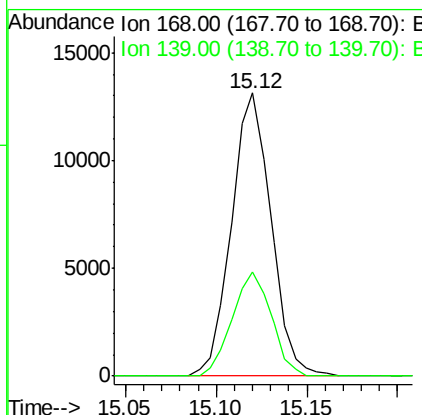
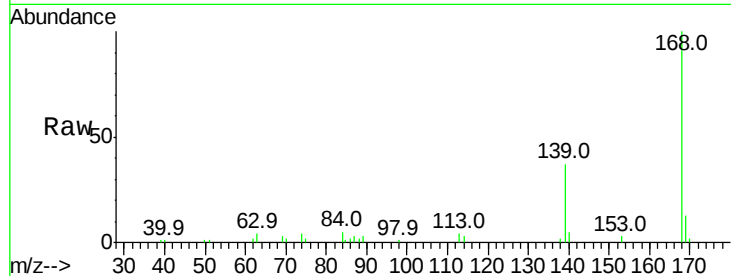




#54
Dibenzenofuran
Concen: 3.58 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG020390.D
Acq: 21 Dec 2015 23:39

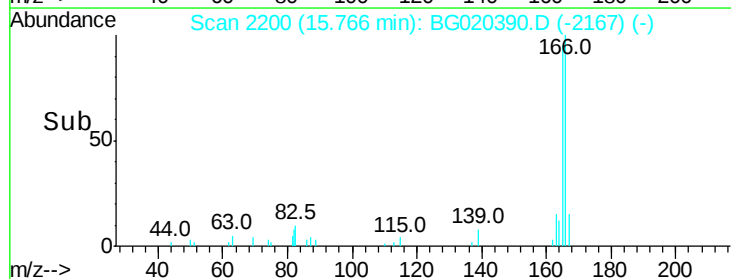
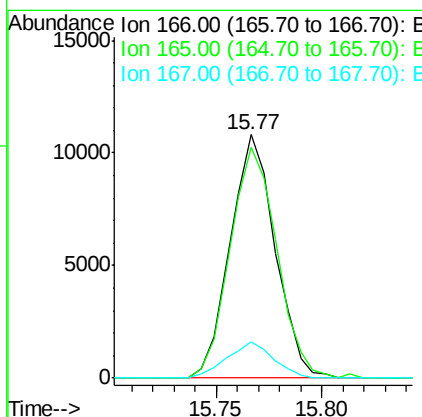
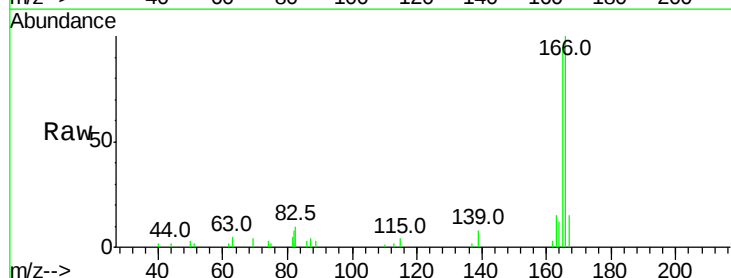
Instrument :
BNA_G
ClientSampled :
D9N40DL

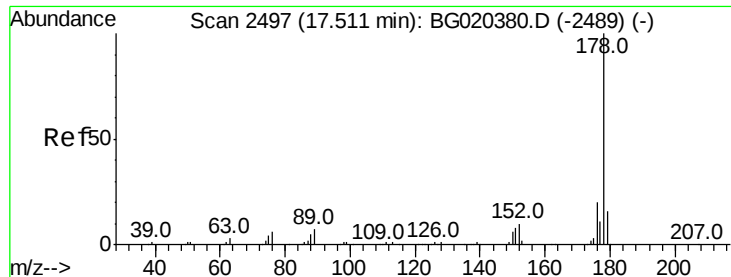
Tot Ion:168 Resp: 19913
Ion Ratio Lower Upper
168 100
139 37.0 30.5 45.7



#59
Fluorene
Concen: 3.56 ng/ul
RT: 15.77 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG020390.D
Acq: 21 Dec 2015 23:39

Tgt Ion:166 Resp: 15896
Ion Ratio Lower Upper
166 100
165 94.8 81.4 122.0
167 14.7 11.2 16.8





#70

Phenanthrene

Concen: 5.90 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BG020390.D

Acq: 21 Dec 2015 23:39

Instrument :

BNA_G

ClientSampleId :

D9N40DL

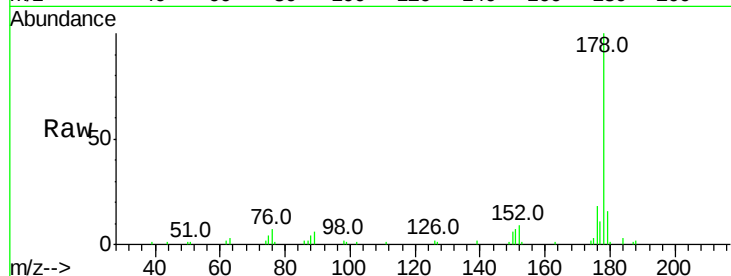
Tot Ion:178 Resp: 42132

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	17.9	15.3	22.9

178 100

179 15.6 12.9 19.3

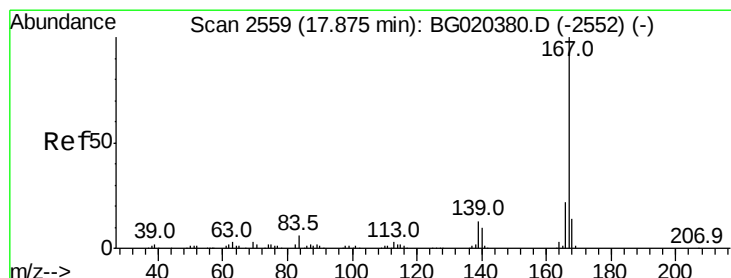
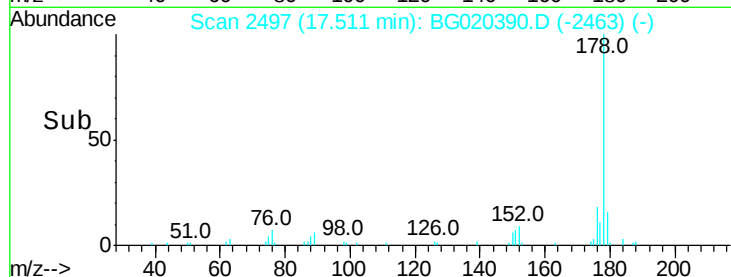
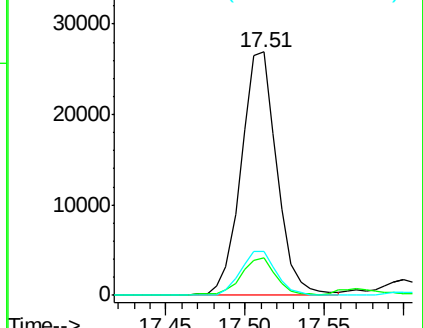
176 17.9 15.3 22.9



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



#75

Carbazole

Concen: 4.62 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BG020390.D

Acq: 21 Dec 2015 23:39

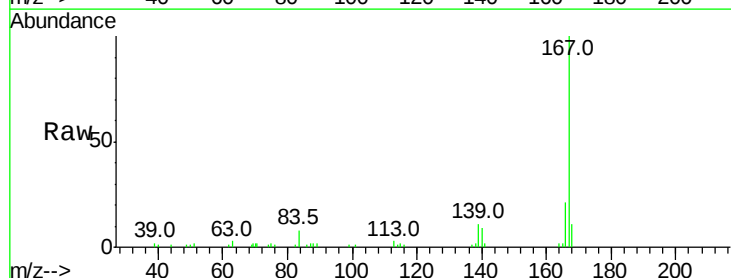
Tgt Ion:167 Resp: 28117

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	11.1	10.1	15.1

167 100

166 21.3 17.0 25.6

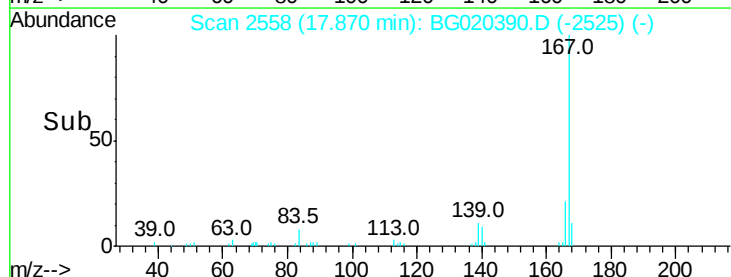
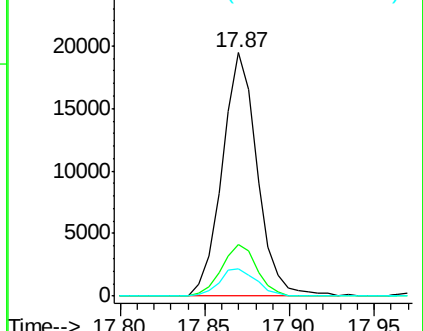
139 11.1 10.1 15.1

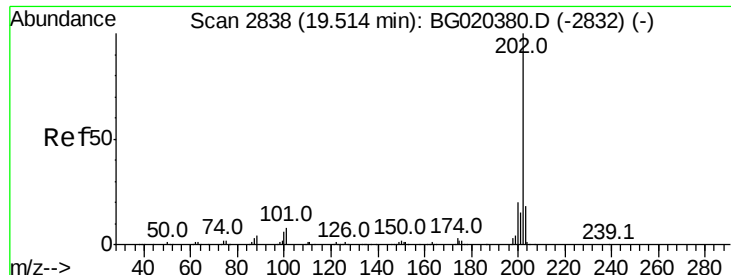


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 1.80 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG020390.D

Acq: 21 Dec 2015 23:39

Instrument :

BNA_G

ClientSampleId :

D9N40DL

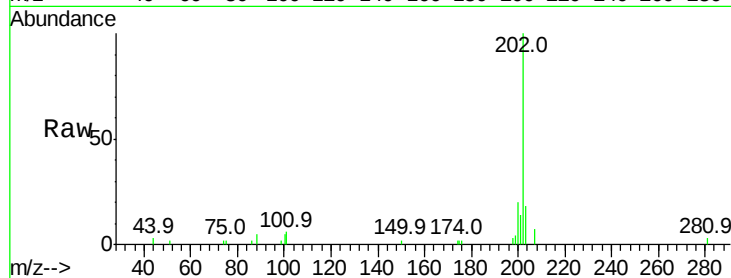
Tot Ion:202 Resp: 15012

Ion Ratio Lower Upper

202 100

101 6.1 6.2 9.4#

100 4.6 5.1 7.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

