

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
 Data File : BG020392.D
 Acq On : 22 Dec 2015 00:58
 Operator : UM/SJ
 Sample : G4768-17DL 30X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

Quant Time: Dec 22 05:06:08 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	18720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	80933	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	51951	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	126640	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	151155	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	112617	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	7.25	99	275	0.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	957	0.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	965	0.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	510	0.36	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	583	0.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	497	0.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	1354	0.95	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	4613	1.10	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	6353	1.30	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	5007	1.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.46	188	126640	21.70	ng/ul	-0.10
79) Pyrene-d10	19.85	212	8767	1.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	5404	0.96	ng/ul	0.00

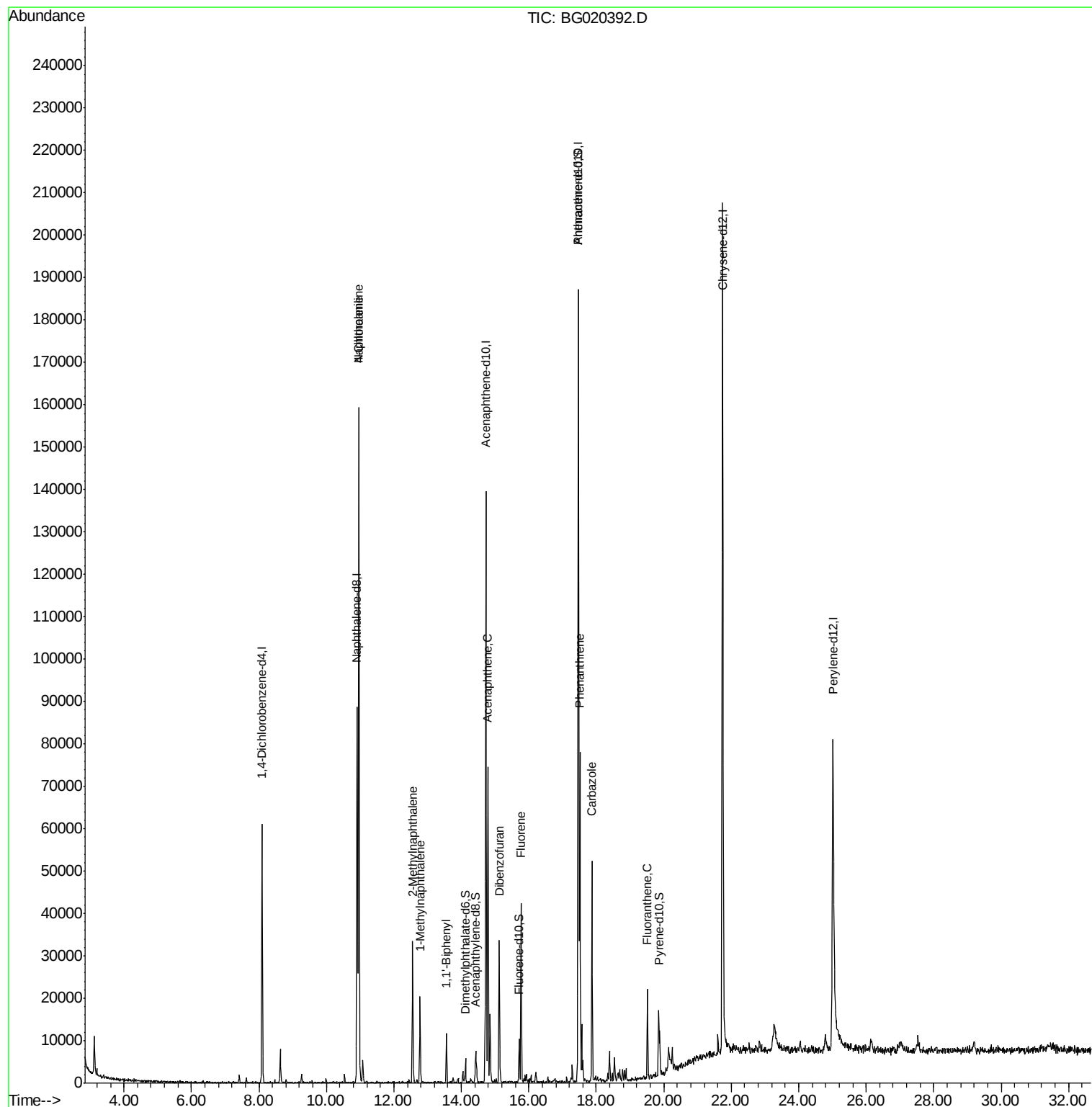
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.96	128	141489	33.48	ng/ul	99
30) 4-Chloroaniline	10.96	127	18439	11.31	ng/ul#	4
34) 2-Methylnaphthalene	12.56	142	17356	5.38	ng/ul	97
35) 1-Methylnaphthalene	12.78	142	10890	3.51	ng/ul#	92
41) 1,1'-Biphenyl	13.56	154	7153	1.83	ng/ul#	97
50) Acenaphthene	14.79	153	33266	9.52	ng/ul	97
54) Dibenzofuran	15.12	168	23794	4.58	ng/ul	92
59) Fluorene	15.77	166	20719	4.96	ng/ul	98
70) Phenanthrene	17.51	178	54720	7.90	ng/ul	99
75) Carbazole	17.87	167	38124	6.46	ng/ul	98
77) Fluoranthene	19.51	202	15977	1.97	ng/ul#	98

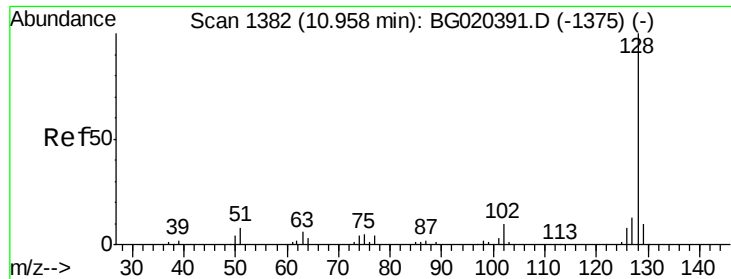
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
Data File : BG020392.D
Acq On : 22 Dec 2015 00:58
Operator : UM/SJ
Sample : G4768-17DL 30X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL

Quant Time: Dec 22 05:06:08 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





#28

Naphthalene

Concen: 33.48 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG020392.D

Acq: 22 Dec 2015 00:58

Instrument :

BNA_G

ClientSampleId :

D9N41DL

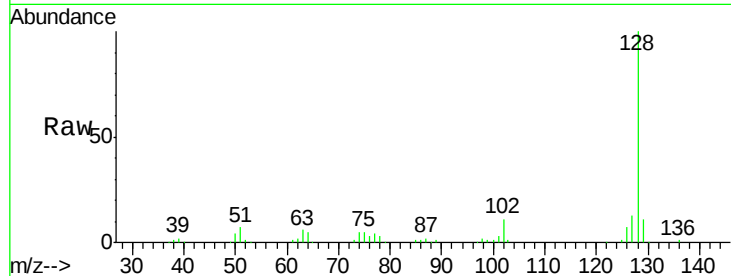
Tgt Ion:128 Resp: 141489

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

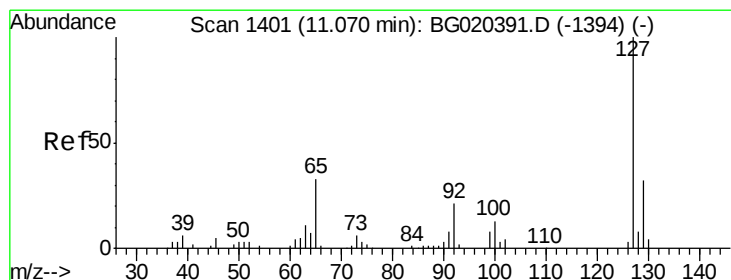
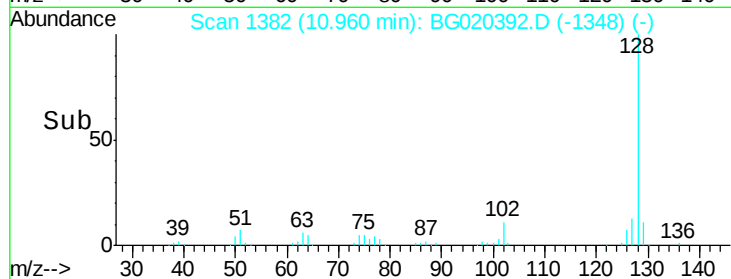
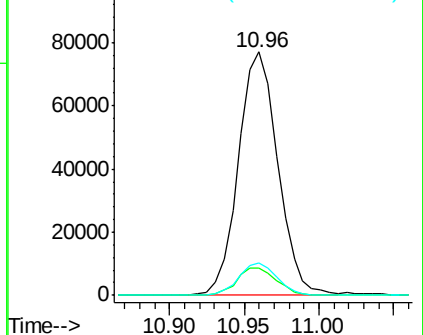
127 13.1 10.1 15.1



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



#30

4-Chloroaniline

Concen: 11.31 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. -0.11 min

Lab File: BG020392.D

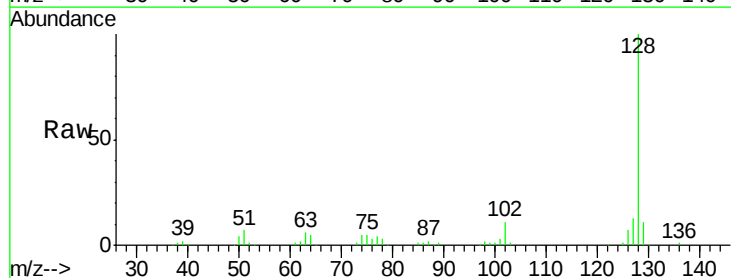
Acq: 22 Dec 2015 00:58

Tgt Ion:127 Resp: 18439

Ion Ratio Lower Upper

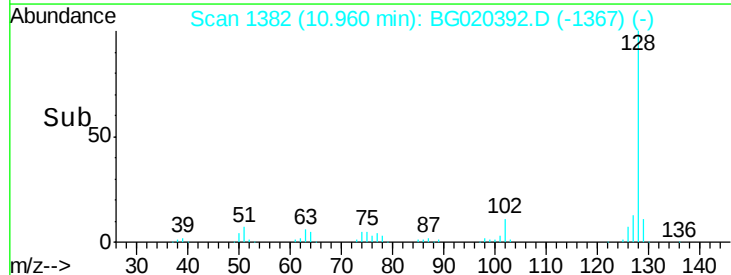
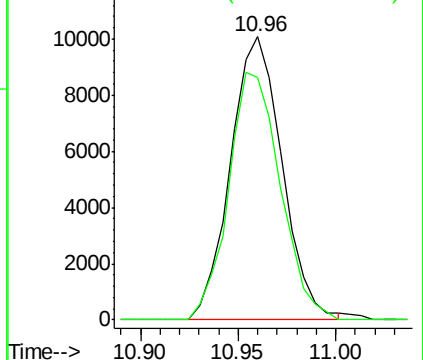
127 100

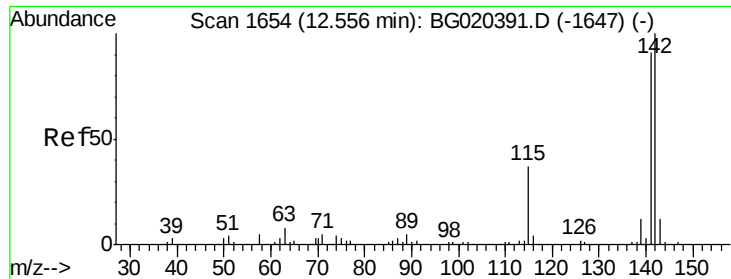
129 85.5 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

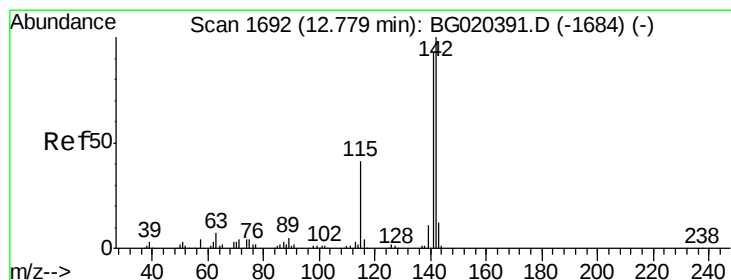
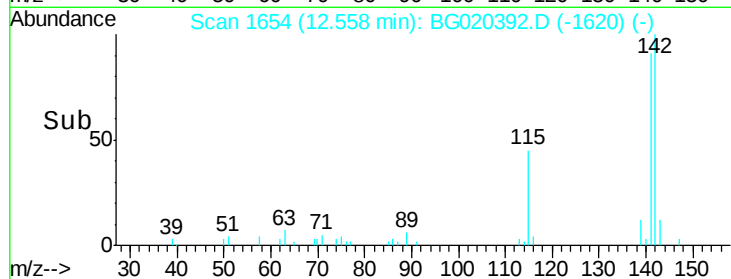
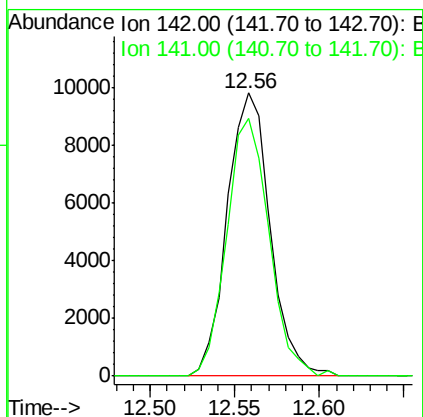
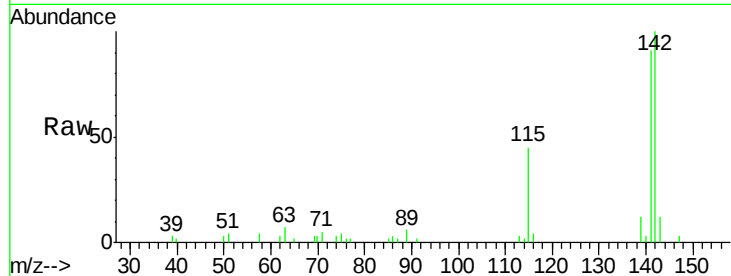




#34
 2-Methylnaphthalene
 Concen: 5.38 ng/ul
 RT: 12.56 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BG020392.D
 Acq: 22 Dec 2015 00:58

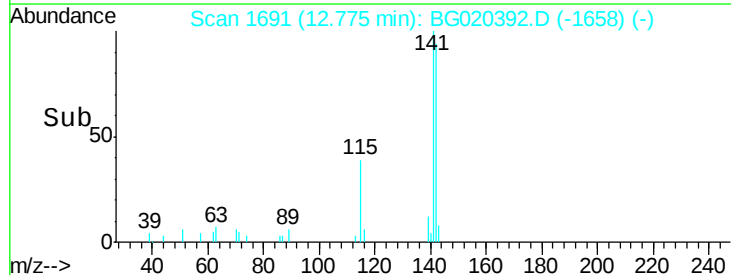
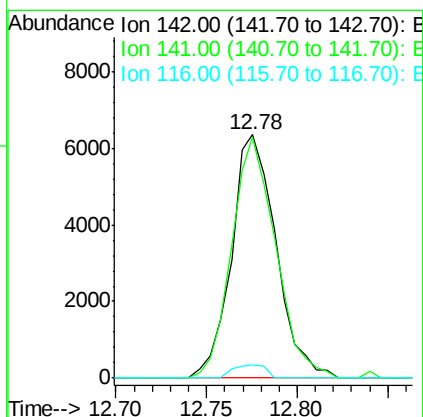
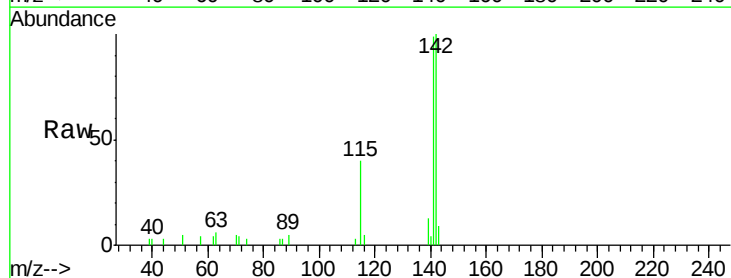
Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

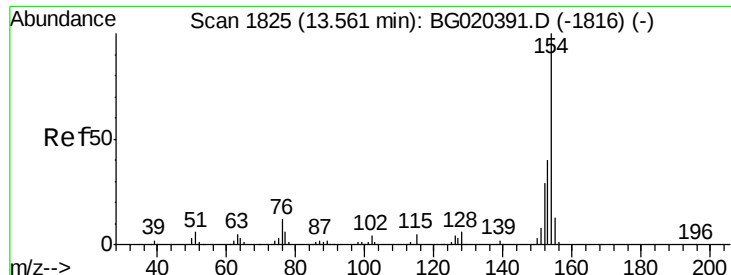
Tgt Ion:142 Resp: 17356
 Ion Ratio Lower Upper
 142 100
 141 91.2 74.9 112.3



#35
 1-Methylnaphthalene
 Concen: 3.51 ng/ul
 RT: 12.78 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG020392.D
 Acq: 22 Dec 2015 00:58

Tgt Ion:142 Resp: 10890
 Ion Ratio Lower Upper
 142 100
 141 98.9 73.0 109.6
 116 5.2 3.0 4.6#

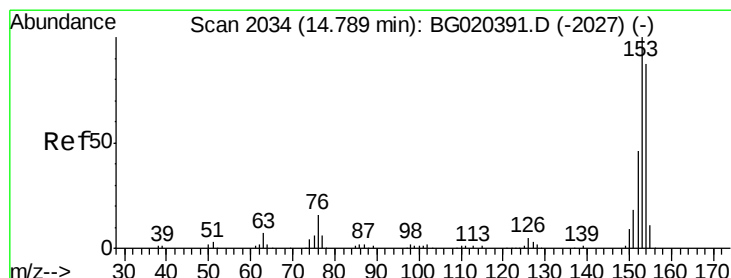
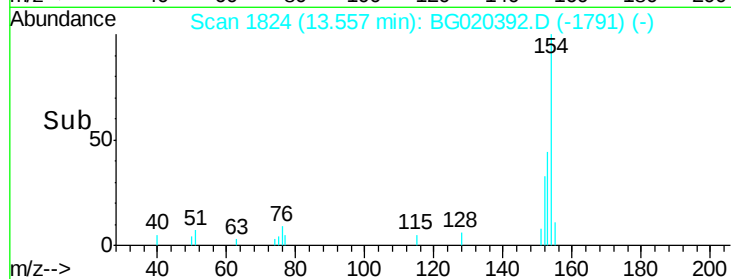
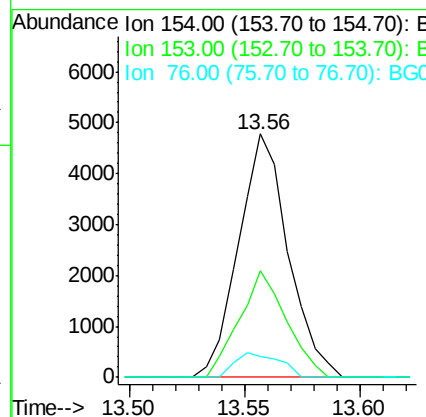
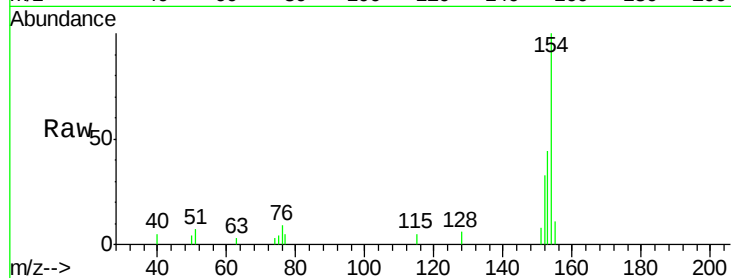




#41
 1,1'-Biphenyl
 Concen: 1.83 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG020392.D
 Acq: 22 Dec 2015 00:58

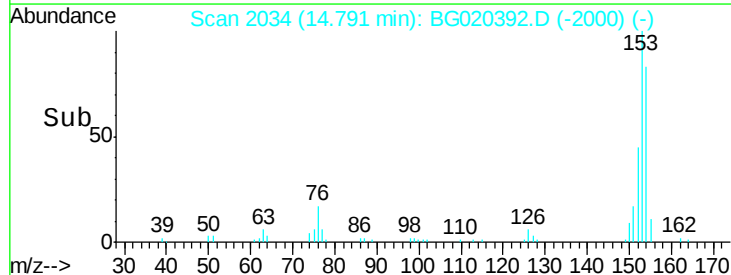
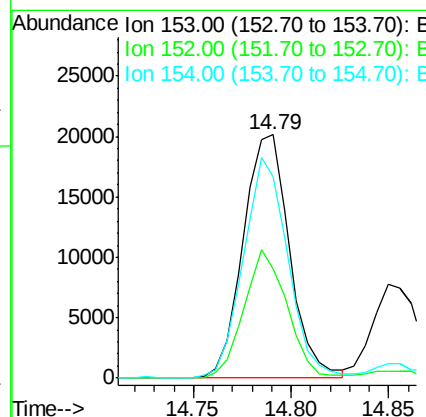
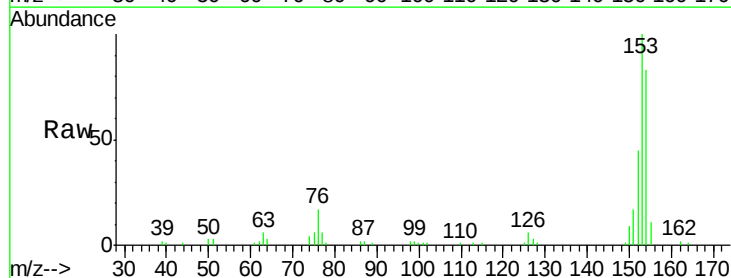
Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

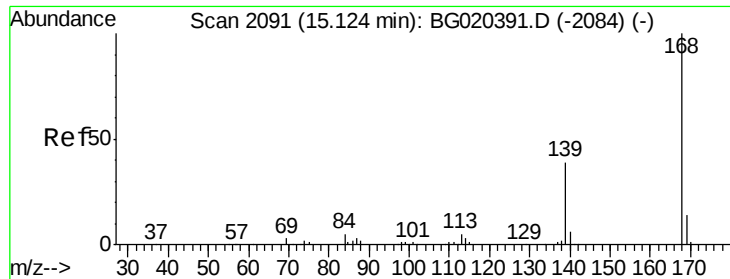
Tgt Ion:154 Resp: 7153
 Ion Ratio Lower Upper
 154 100
 153 43.8 35.5 53.3
 76 8.8 10.4 15.6#



#50
 Acenaphthene
 Concen: 9.52 ng/ul
 RT: 14.79 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG020392.D
 Acq: 22 Dec 2015 00:58

Tgt Ion:153 Resp: 33266
 Ion Ratio Lower Upper
 153 100
 152 44.9 37.6 56.4
 154 82.7 67.9 101.9





#54

Dibenzenofuran

Concen: 4.58 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG020392.D

Acq: 22 Dec 2015 00:58

Instrument :

BNA_G

ClientSampleId :

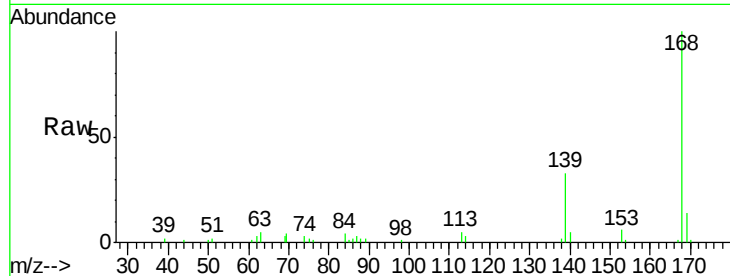
D9N41DL

Tgt Ion:168 Resp: 23794

Ion Ratio Lower Upper

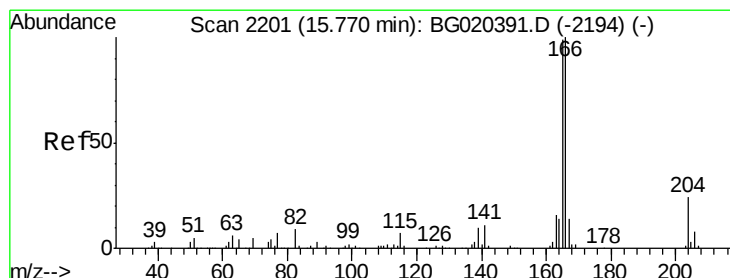
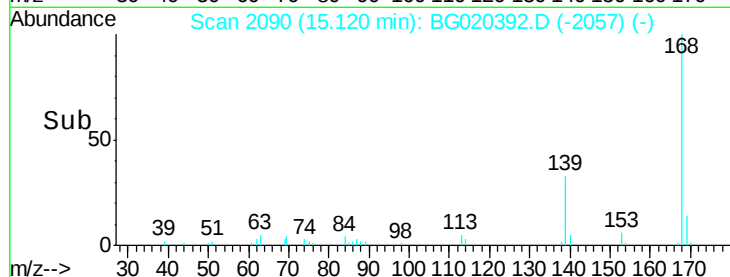
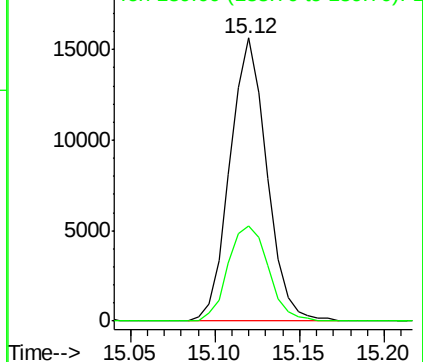
168 100

139 33.4 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: 4.96 ng/ul

RT: 15.77 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG020392.D

Acq: 22 Dec 2015 00:58

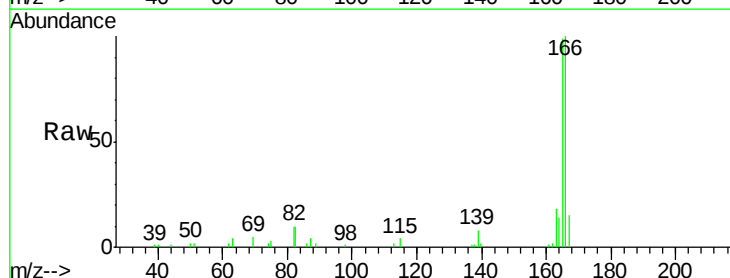
Tgt Ion:166 Resp: 20719

Ion Ratio Lower Upper

166 100

165 99.3 81.4 122.0

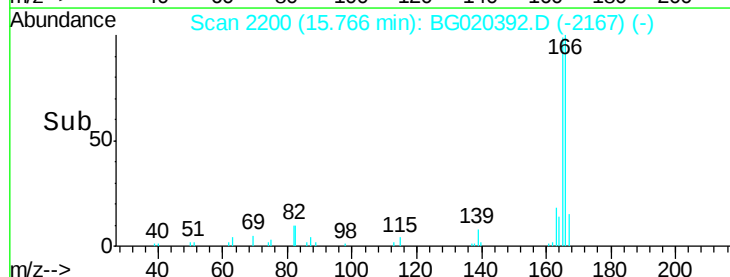
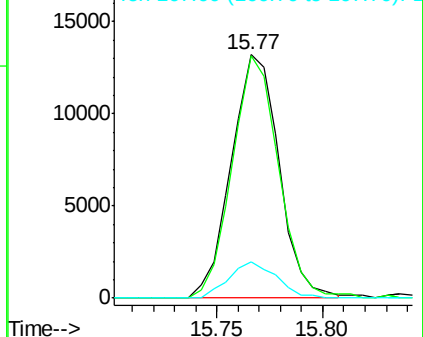
167 14.8 11.2 16.8

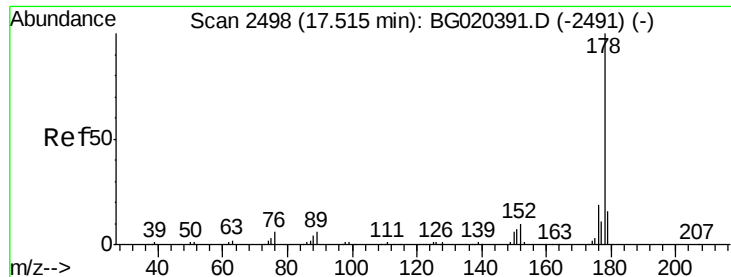


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 7.90 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020392.D

Acq: 22 Dec 2015 00:58

Instrument :

BNA_G

ClientSampleId :

D9N41DL

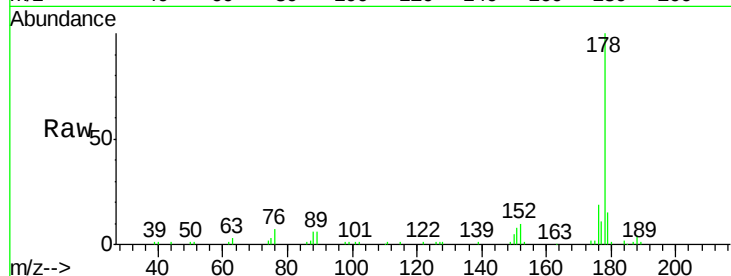
Tgt Ion:178 Resp: 54720

Ion Ratio Lower Upper

178 100

179 15.0 12.9 19.3

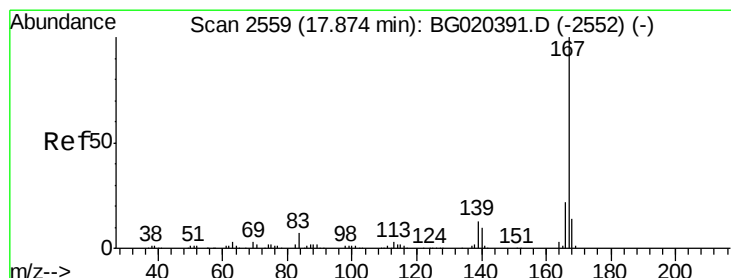
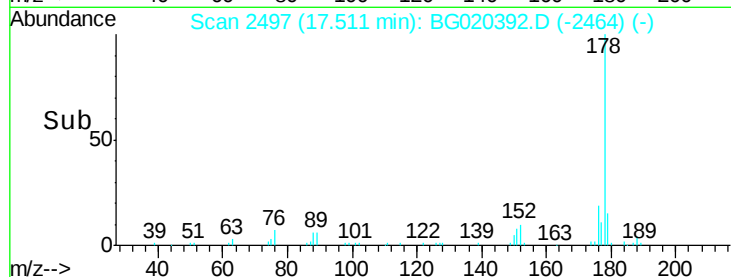
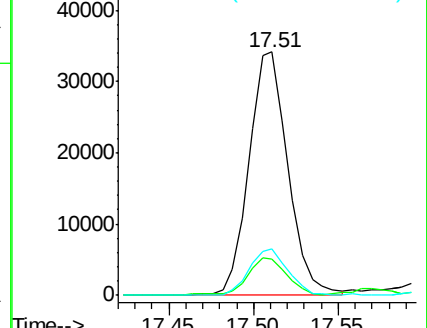
176 19.0 15.3 22.9



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: 6.46 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020392.D

Acq: 22 Dec 2015 00:58

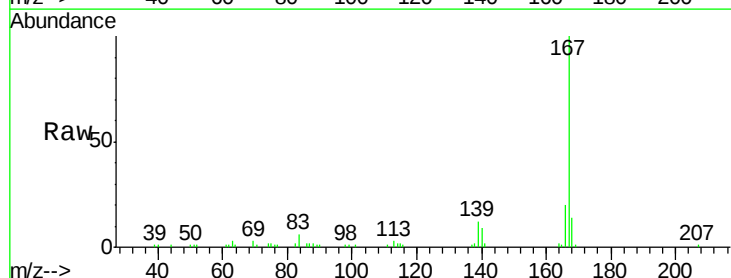
Tgt Ion:167 Resp: 38124

Ion Ratio Lower Upper

167 100

166 20.1 17.0 25.6

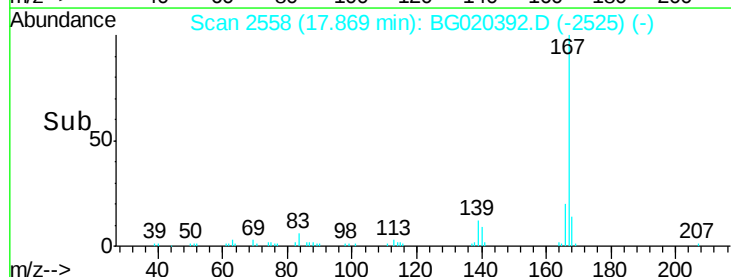
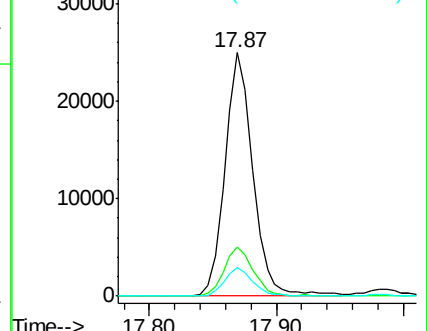
139 11.7 10.1 15.1

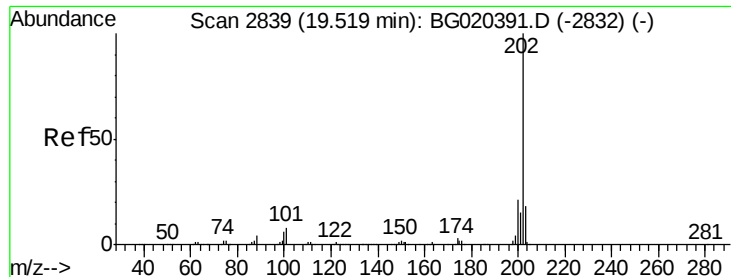


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77
 Fluoranthene
 Concen: 1.97 ng/ul
 RT: 19.51 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BG020392.D
 Acq: 22 Dec 2015 00:58

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.2	9.4
100	5.0	5.1	7.7

