

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
 Data File : BG020393.D
 Acq On : 22 Dec 2015 1:37
 Operator : UM/SJ
 Sample : G4768-18DL 30X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N42DL

Quant Time: Dec 22 05:06:25 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	17187	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	75891	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	48417	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	118726	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	141797	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	102734	20.00	ng/ul	0.00

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	144	0.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	997	1.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	1119	1.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	742	0.57	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	623	1.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	564	0.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	1232	0.92	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	4880	1.25	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	6539	1.44	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	5170	1.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	9330	1.71	ng/ul	0.00
79) Pyrene-d10	19.85	212	8561	1.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	6513	1.27	ng/ul	0.00

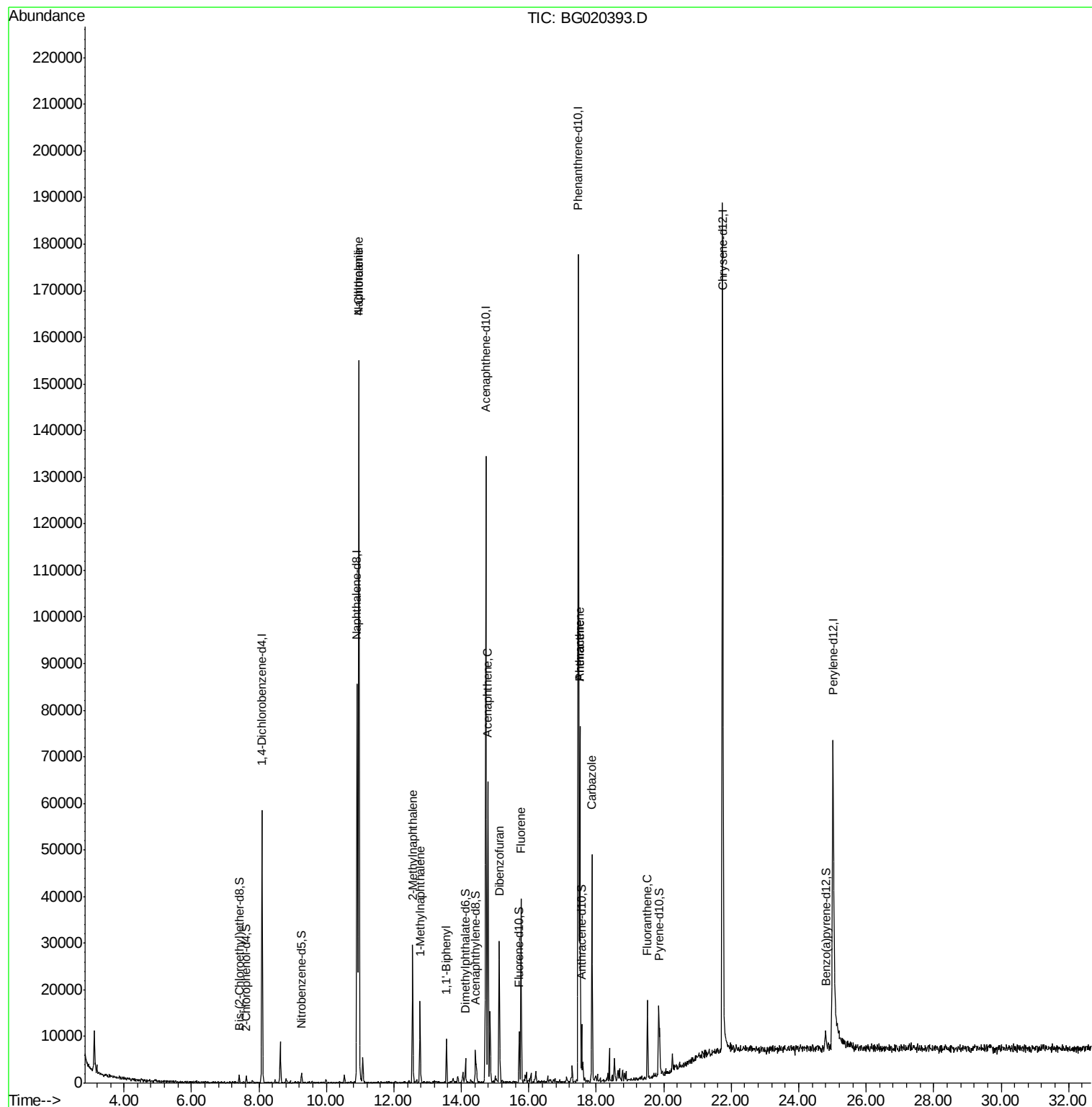
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.96	128	137355	34.66	ng/ul	97
30) 4-Chloroaniline	10.96	127	18770	12.28	ng/ul#	11
34) 2-Methylnaphthalene	12.56	142	15353	5.07	ng/ul	98
35) 1-Methylnaphthalene	12.78	142	9223	3.17	ng/ul#	93
41) 1,1'-Biphenyl	13.56	154	5907	1.62	ng/ul	92
50) Acenaphthene	14.78	153	29044	8.92	ng/ul	97
54) Dibenzofuran	15.12	168	20681	4.27	ng/ul	95
59) Fluorene	15.77	166	18346	4.72	ng/ul	99
70) Phenanthrene	17.51	178	51858	7.99	ng/ul	97
72) Anthracene	17.51	178	51858	7.87	ng/ul	99
75) Carbazole	17.87	167	34741	6.28	ng/ul	99
77) Fluoranthene	19.51	202	13020	1.72	ng/ul	98

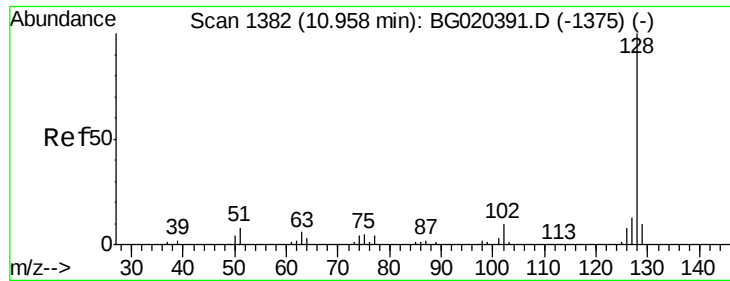
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
Data File : BG020393.D
Acq On : 22 Dec 2015 1:37
Operator : UM/SJ
Sample : G4768-18DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Quant Time: Dec 22 05:06:25 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: 34.66 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG020393.D

Acq: 22 Dec 2015 1:37

Instrument :

BNA_G

ClientSampleId :

D9N42DL

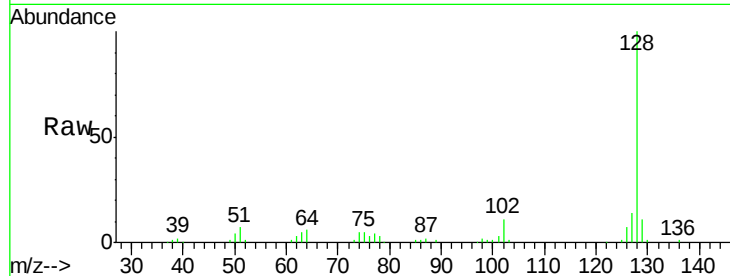
Tgt Ion:128 Resp: 137355

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

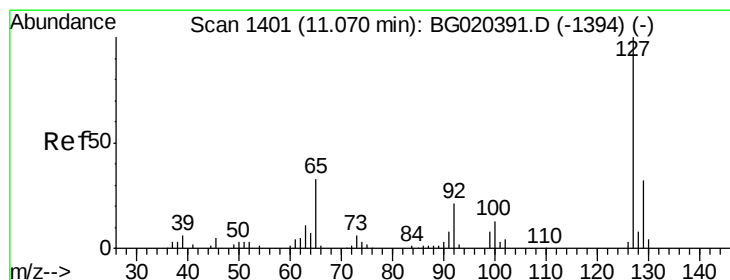
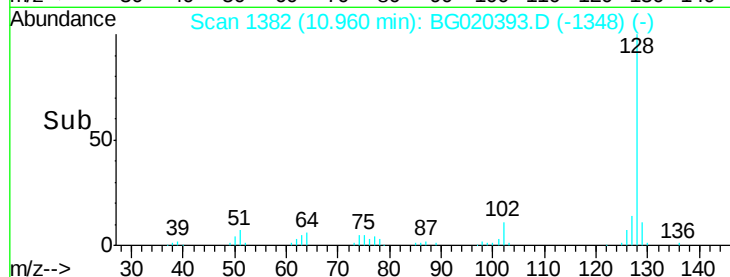
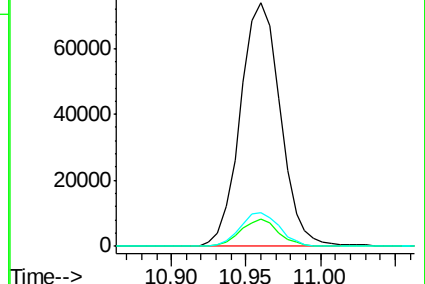
127 14.0 10.1 15.1



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: 12.28 ng/ul

RT: 10.96 min Scan# 1382

Delta R.T. -0.11 min

Lab File: BG020393.D

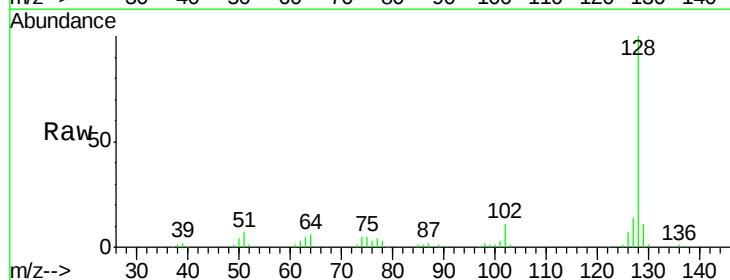
Acq: 22 Dec 2015 1:37

Tgt Ion:127 Resp: 18770

Ion Ratio Lower Upper

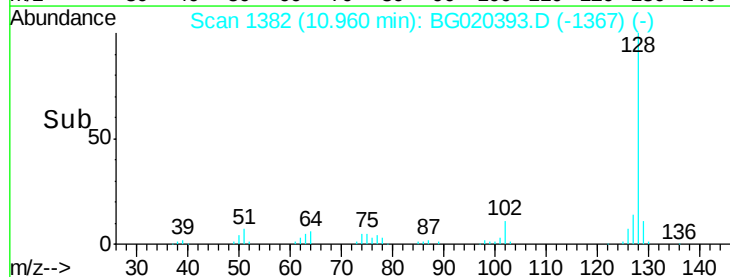
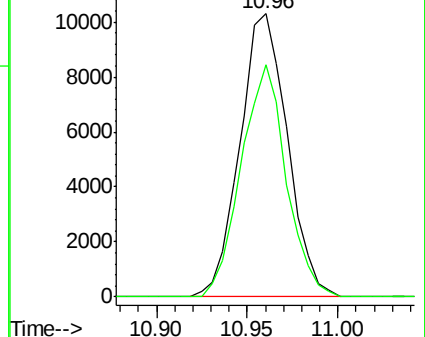
127 100

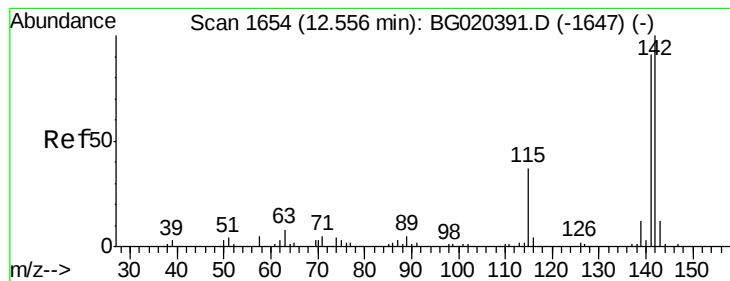
129 81.9 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 5.07 ng/ul

RT: 12.56 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG020393.D

Acq: 22 Dec 2015 1:37

Instrument :

BNA_G

ClientSampleId :

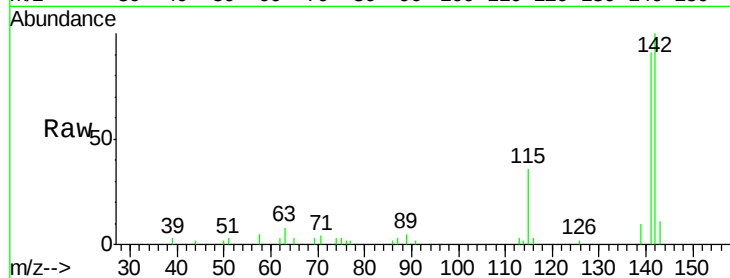
D9N42DL

Tgt Ion:142 Resp: 15353

Ion Ratio Lower Upper

142 100

141 91.3 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

10000

8000

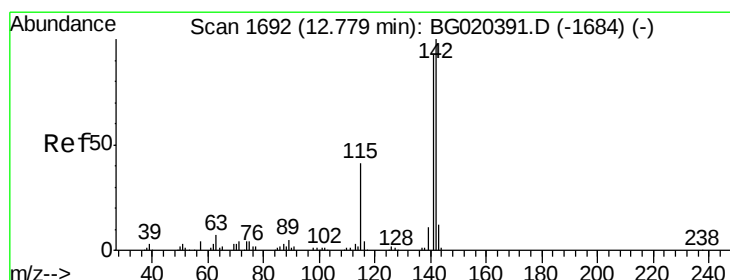
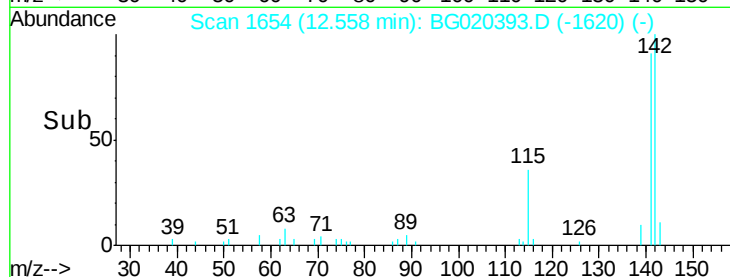
6000

4000

2000

0

Time--> 12.50 12.55 12.60



#35

1-Methylnaphthalene

Concen: 3.17 ng/ul

RT: 12.78 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BG020393.D

Acq: 22 Dec 2015 1:37

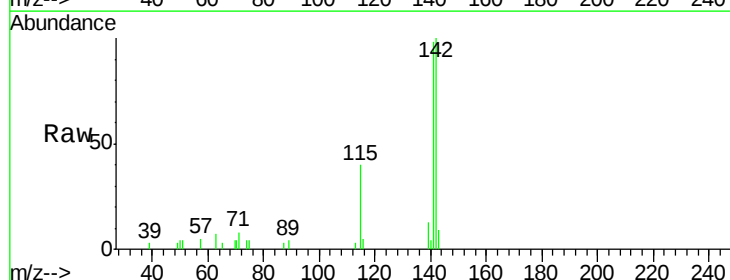
Tgt Ion:142 Resp: 9223

Ion Ratio Lower Upper

142 100

141 97.7 73.0 109.6

116 5.0 3.0 4.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

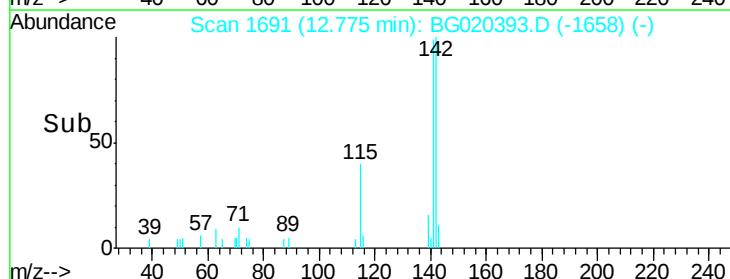
6000

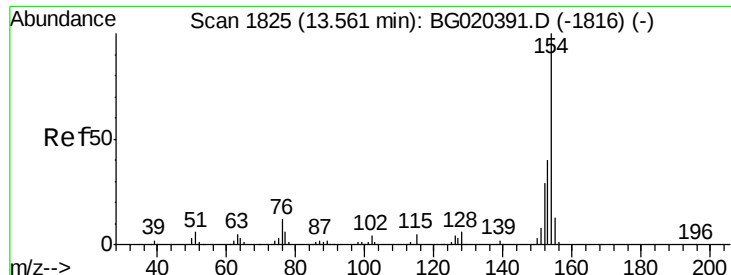
4000

2000

0

Time--> 12.75 12.80

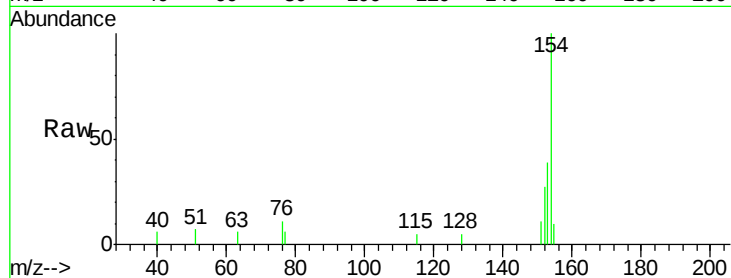




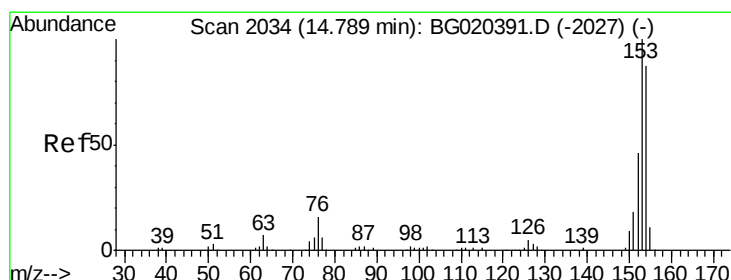
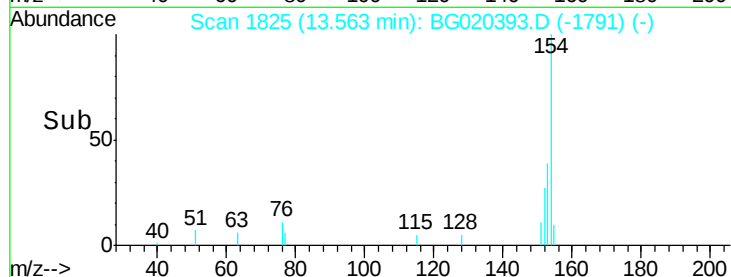
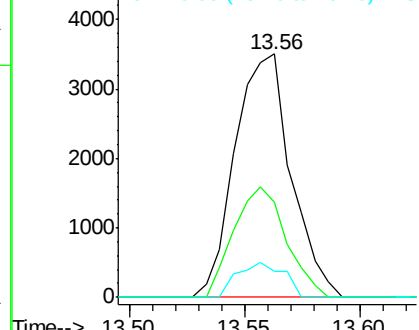
#41
1,1'-Biphenyl
Concen: 1.62 ng/ul
RT: 13.56 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG020393.D
Acq: 22 Dec 2015 1:37

Instrument :
BNA_G
ClientSampleId :
D9N42DL

Tgt Ion:154 Resp: 5907
Ion Ratio Lower Upper
154 100
153 38.9 35.5 53.3
76 10.7 10.4 15.6

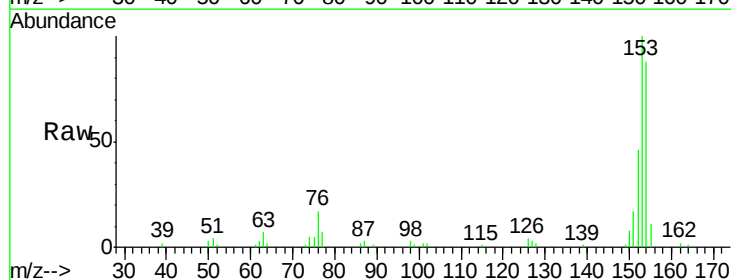


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

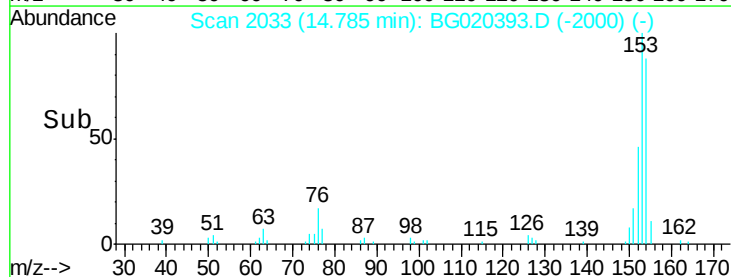
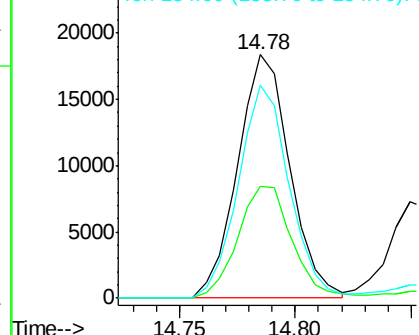


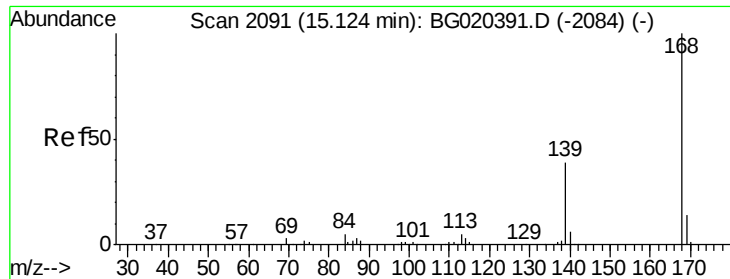
#50
Acenaphthene
Concen: 8.92 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG020393.D
Acq: 22 Dec 2015 1:37

Tgt Ion:153 Resp: 29044
Ion Ratio Lower Upper
153 100
152 45.8 37.6 56.4
154 87.7 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

Dibenzenofuran

Concen: 4.27 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG020393.D

Acq: 22 Dec 2015 1:37

Instrument :

BNA_G

ClientSampleId :

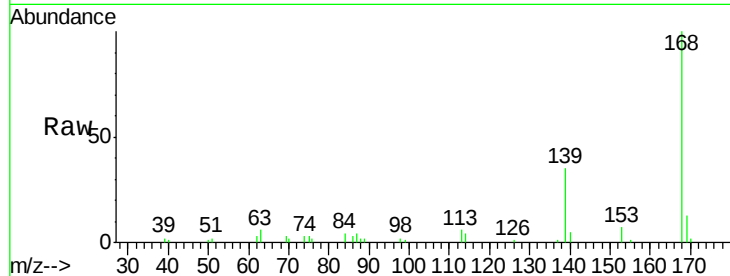
D9N42DL

Tgt Ion:168 Resp: 20681

Ion Ratio Lower Upper

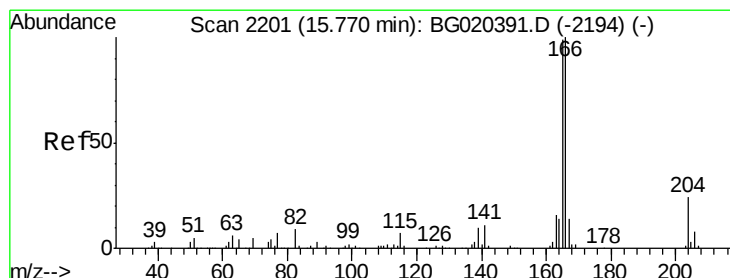
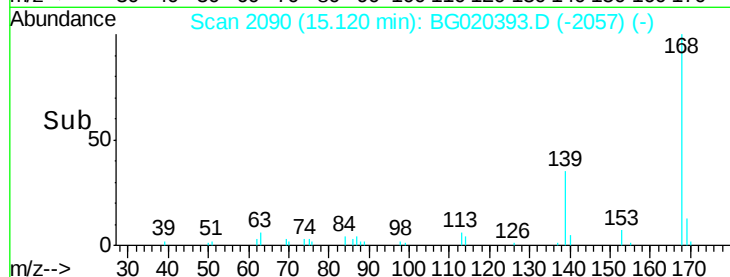
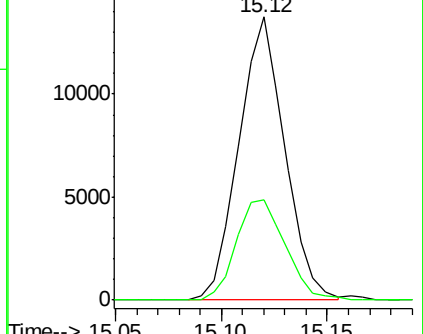
168 100

139 35.3 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: 4.72 ng/ul

RT: 15.77 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG020393.D

Acq: 22 Dec 2015 1:37

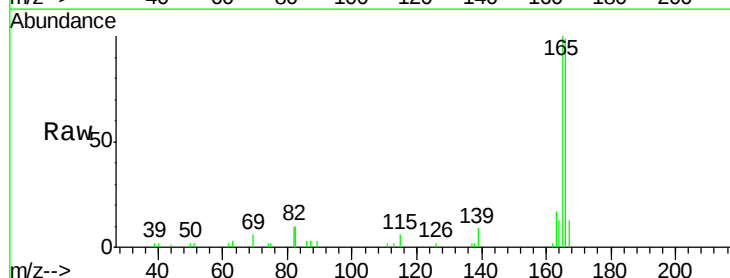
Tgt Ion:166 Resp: 18346

Ion Ratio Lower Upper

166 100

165 101.1 81.4 122.0

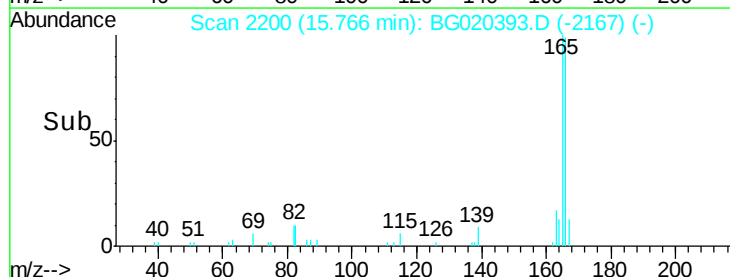
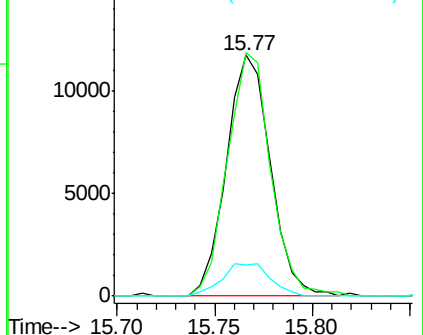
167 13.1 11.2 16.8

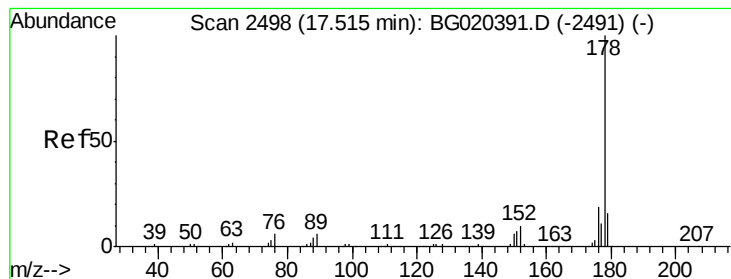


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 7.99 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020393.D

Acq: 22 Dec 2015 1:37

Instrument :

BNA_G

ClientSampleId :

D9N42DL

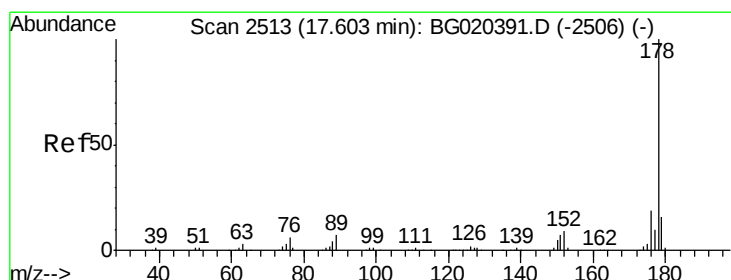
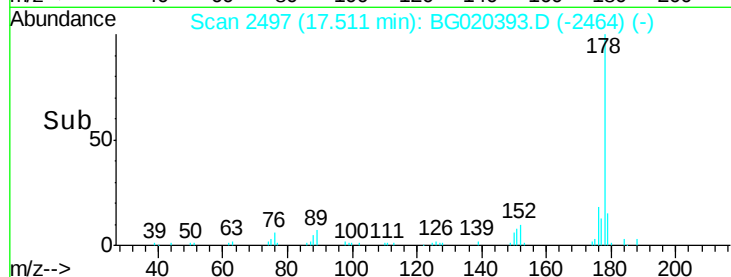
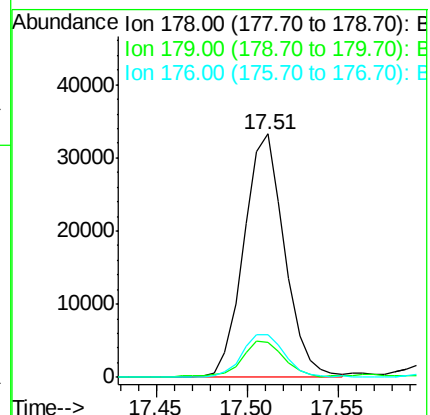
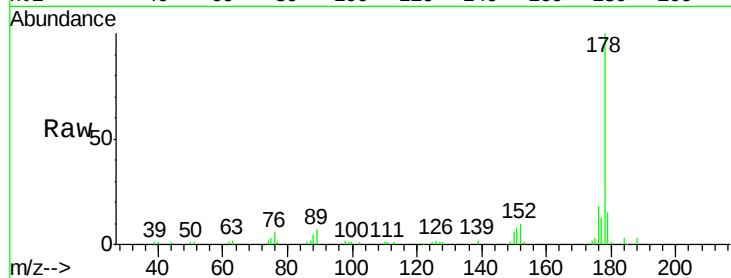
Tgt Ion:178 Resp: 51858

Ion Ratio Lower Upper

178 100

179 14.6 12.9 19.3

176 17.7 15.3 22.9



#72

Anthracene

Concen: 7.87 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.09 min

Lab File: BG020393.D

Acq: 22 Dec 2015 1:37

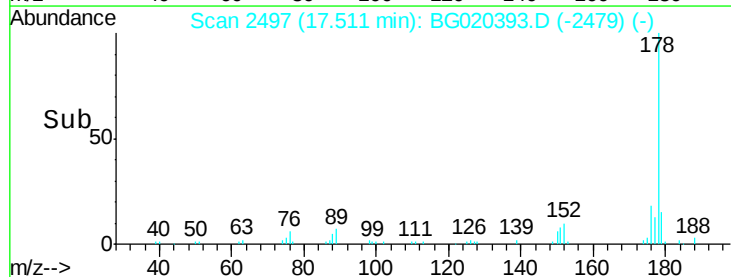
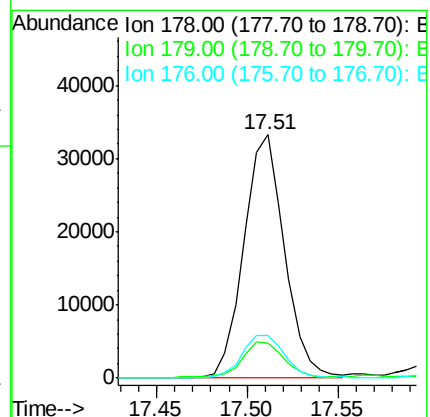
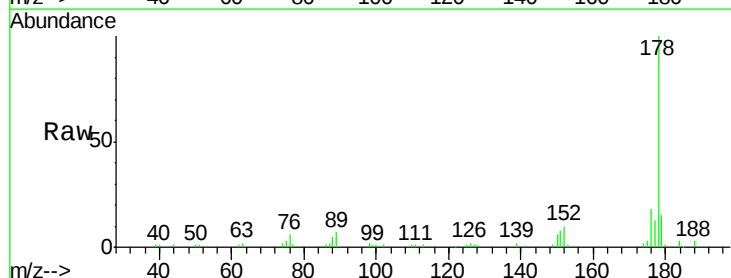
Tgt Ion:178 Resp: 51858

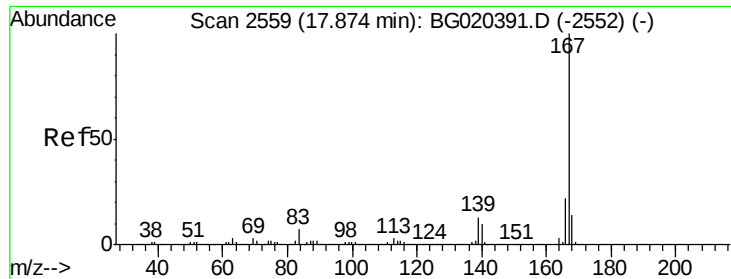
Ion Ratio Lower Upper

178 100

179 14.6 12.3 18.5

176 17.7 14.3 21.5





#75

Carbazole

Concen: 6.28 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020393.D

Acq: 22 Dec 2015 1:37

Instrument :

BNA_G

ClientSampleId :

D9N42DL

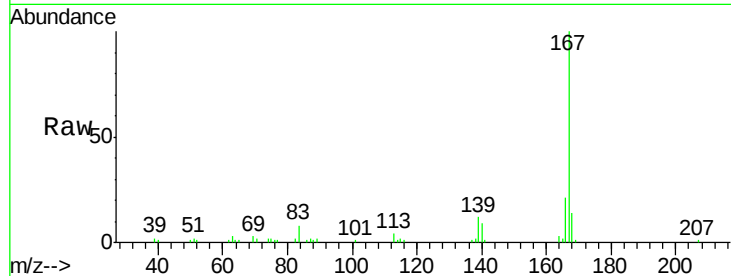
Tgt Ion:167 Resp: 34741

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

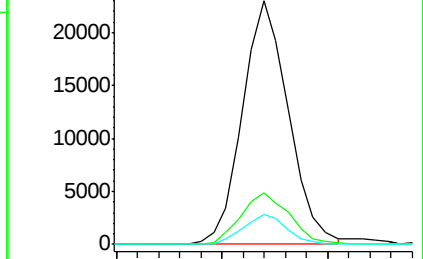
139 12.0 10.1 15.1



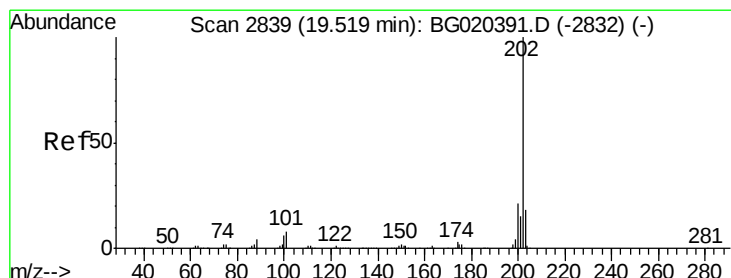
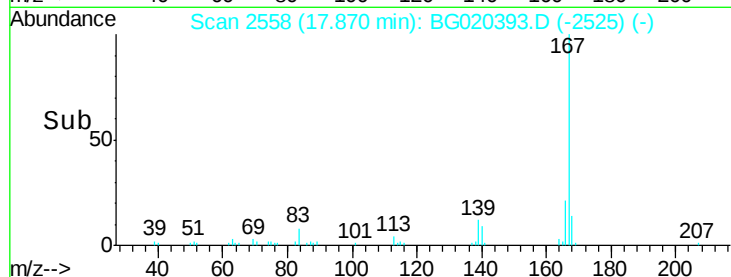
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.80 17.85 17.90



#77

Fluoranthene

Concen: 1.72 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG020393.D

Acq: 22 Dec 2015 1:37

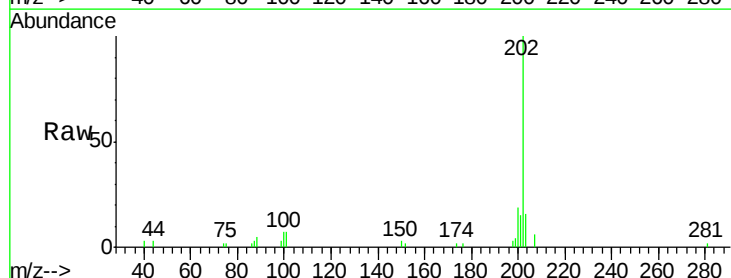
Tgt Ion:202 Resp: 13020

Ion Ratio Lower Upper

202 100

101 7.0 6.2 9.4

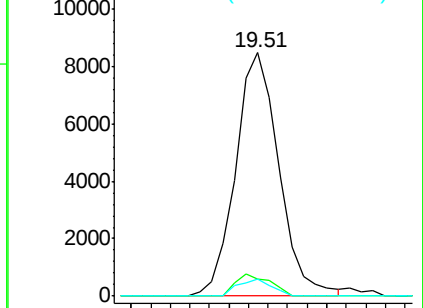
100 6.9 5.1 7.7



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): E



Time--> 19.45 19.50 19.55

