

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
 Data File : BG020394.D
 Acq On : 22 Dec 2015 2:16
 Operator : UM/SJ
 Sample : G4768-19DL 50X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N43DL

Quant Time: Dec 22 05:06:43 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	18129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	78356	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	51564	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	125186	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	141585	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	111222	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	7.41	99	648	0.41	ng/ul	0.16
7) Bis-(2-Chloroethyl)ether-d	7.42	67	660	0.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	525	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	332	0.24	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	219	0.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	116	0.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	403	0.29	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	2826	0.68	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	3527	0.73	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	3274	0.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.47	188	125186	21.70	ng/ul	-0.10
79) Pyrene-d10	19.85	212	5274	0.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	2292	0.41	ng/ul	0.00

Target Compounds

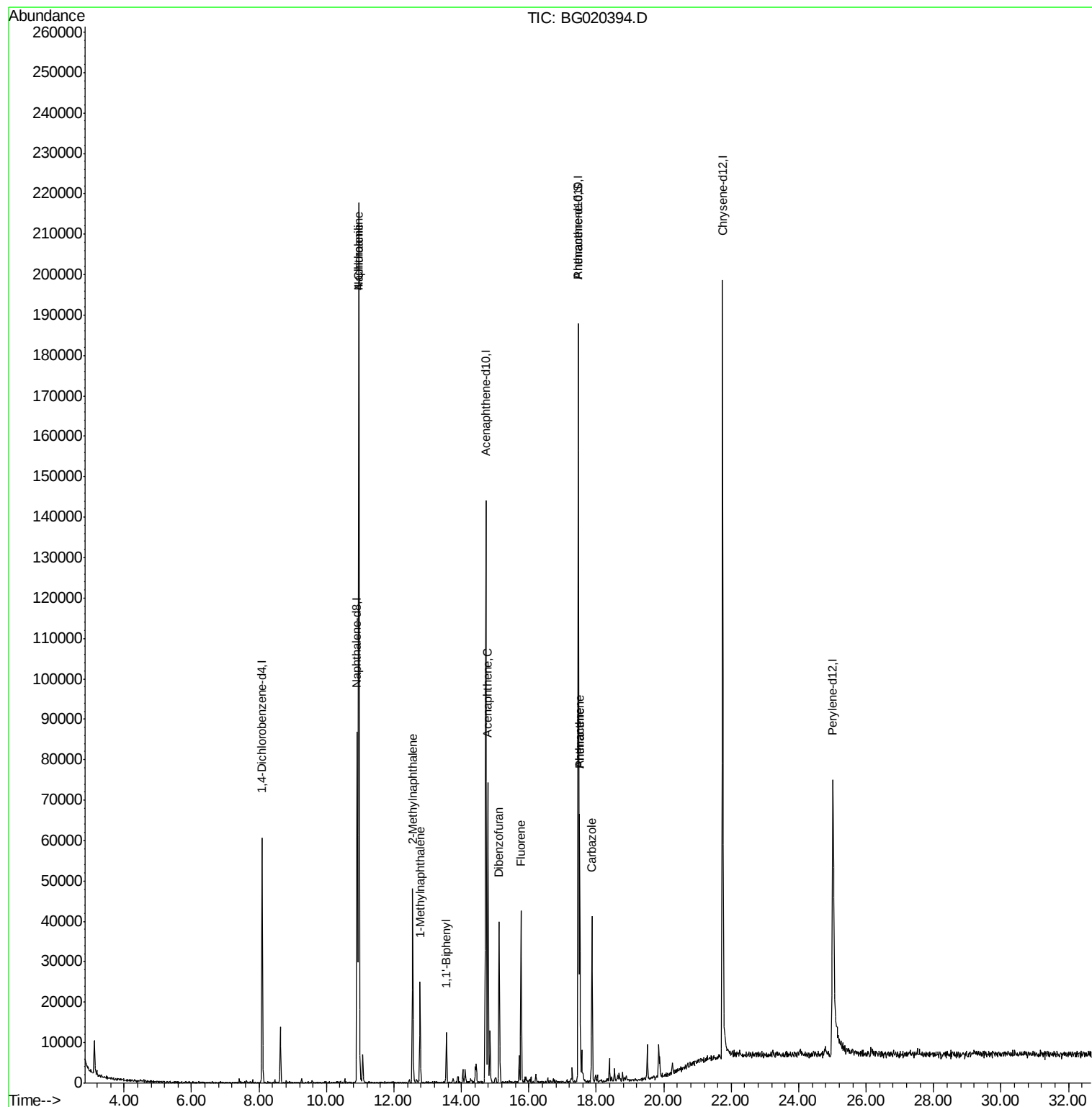
						Qvalue
28) Naphthalene	10.96	128	194552	47.55	ng/ul	99
30) 4-Chloroaniline	10.96	127	25360	16.06	ng/ul#	11
34) 2-Methylnaphthalene	12.56	142	24447	7.82	ng/ul	99
35) 1-Methylnaphthalene	12.78	142	13139	4.37	ng/ul#	95
41) 1,1'-Biphenyl	13.55	154	7299	1.88	ng/ul	97
50) Acenaphthene	14.79	153	33581	9.68	ng/ul	99
54) Dibenzofuran	15.12	168	27764	5.38	ng/ul	97
59) Fluorene	15.77	166	21300	5.14	ng/ul	88
70) Phenanthrene	17.51	178	44875	6.55	ng/ul	99
72) Anthracene	17.51	178	44875	6.46	ng/ul	98
75) Carbazole	17.87	167	30838	5.28	ng/ul	99

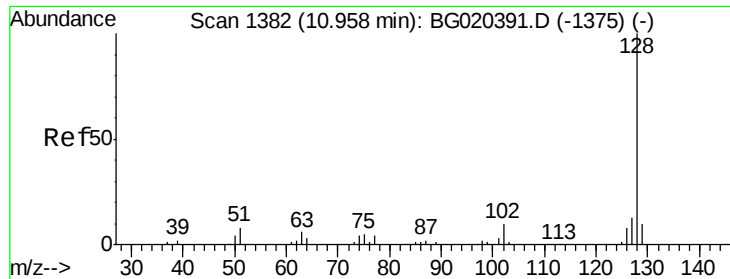
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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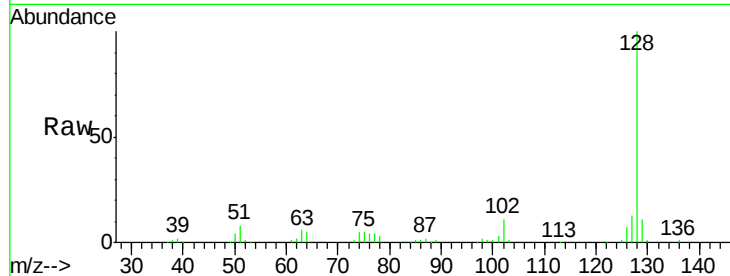




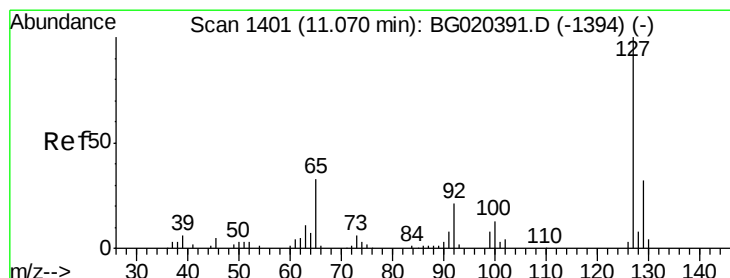
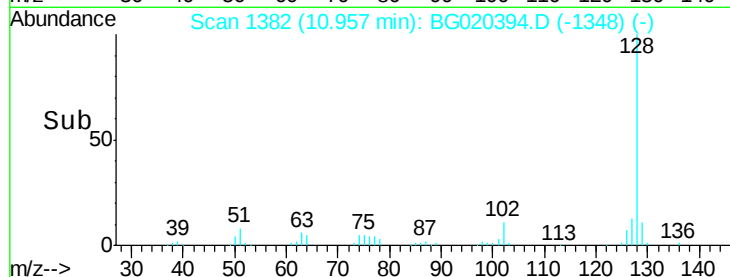
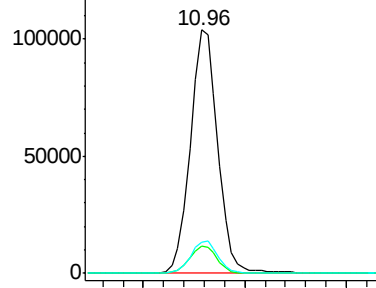
#28
Naphthalene
Concen: 47.55 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Tgt Ion:128 Resp: 194552
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 12.9 10.1 15.1

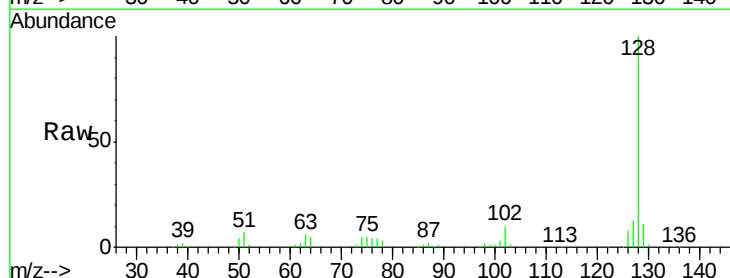


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

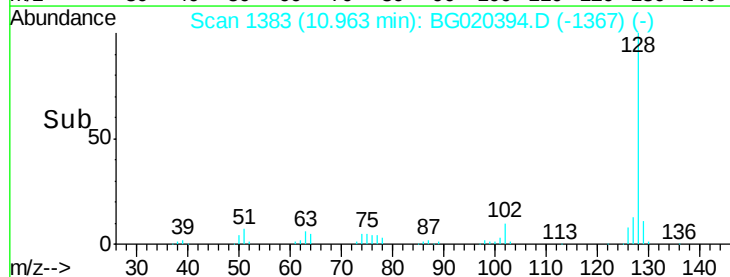
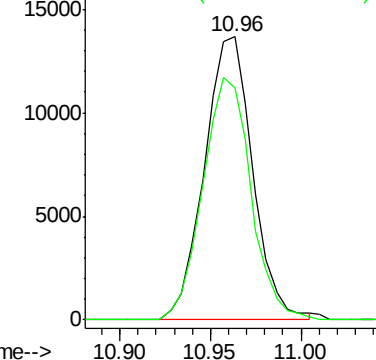


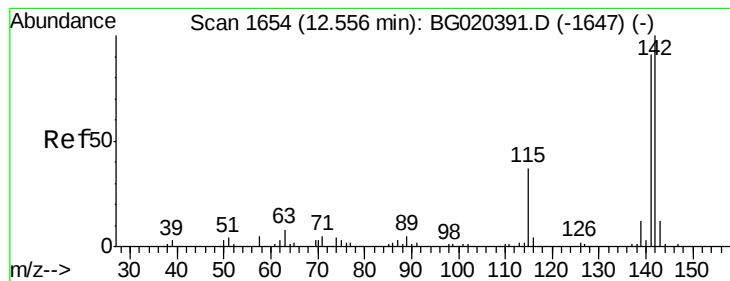
#30
4-Chloroaniline
Concen: 16.06 ng/ul
RT: 10.96 min Scan# 1383
Delta R.T. -0.11 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Tgt Ion:127 Resp: 25360
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: 7.82 ng/ul

RT: 12.56 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG020394.D

Acq: 22 Dec 2015 2:16

Instrument :

BNA_G

ClientSampleId :

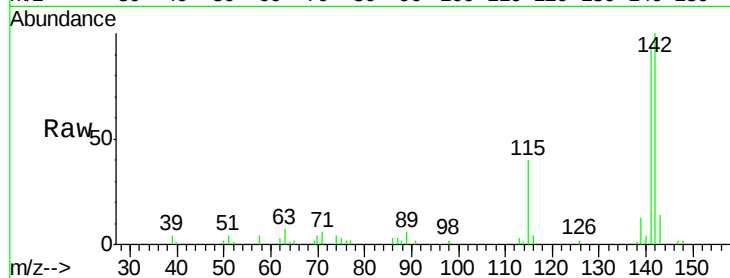
D9N43DL

Tgt Ion:142 Resp: 24447

Ion Ratio Lower Upper

142 100

141 94.3 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

15000

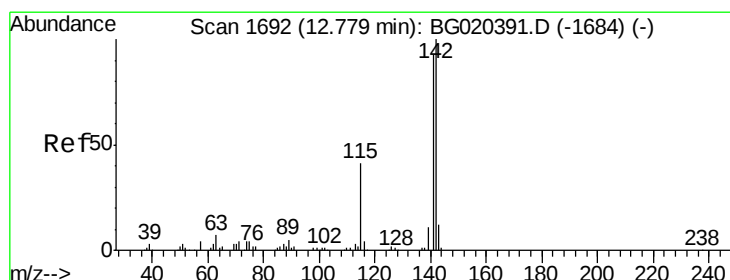
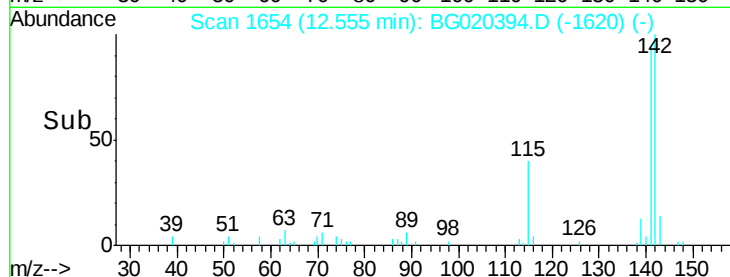
10000

5000

0

12.50 12.55 12.60

Time-->



#35

1-Methylnaphthalene

Concen: 4.37 ng/ul

RT: 12.78 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BG020394.D

Acq: 22 Dec 2015 2:16

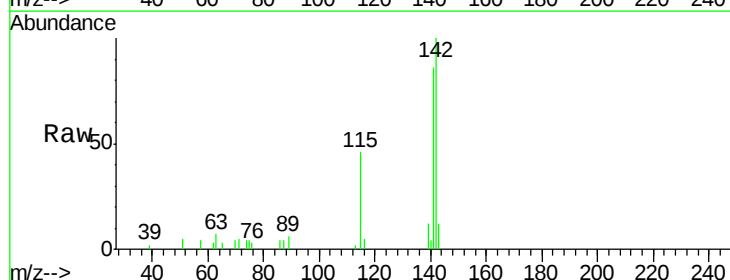
Tgt Ion:142 Resp: 13139

Ion Ratio Lower Upper

142 100

141 86.5 73.0 109.6

116 5.2 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

10000

8000

6000

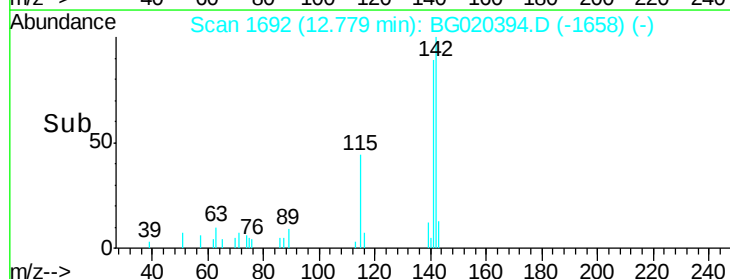
4000

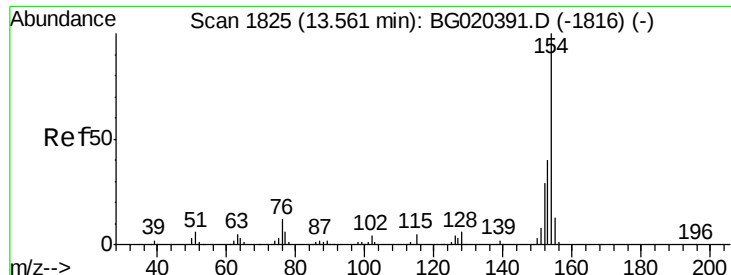
2000

0

12.75 12.80

Time-->

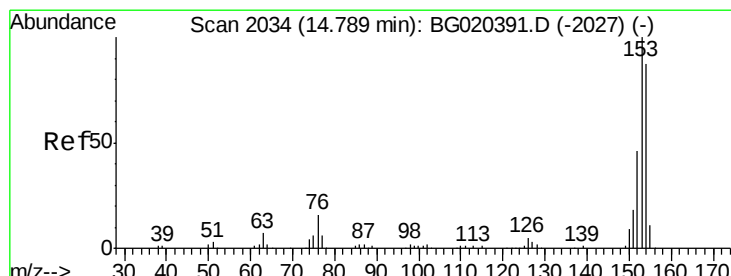
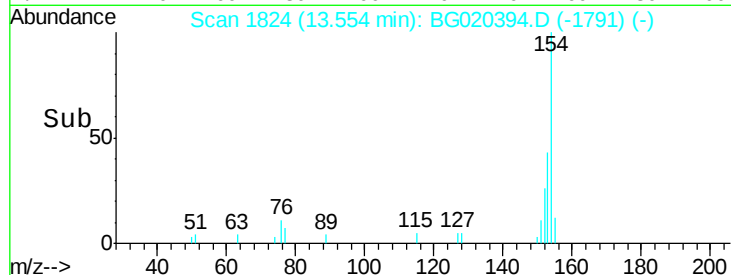
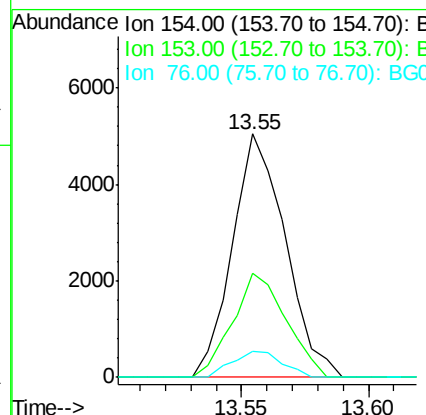
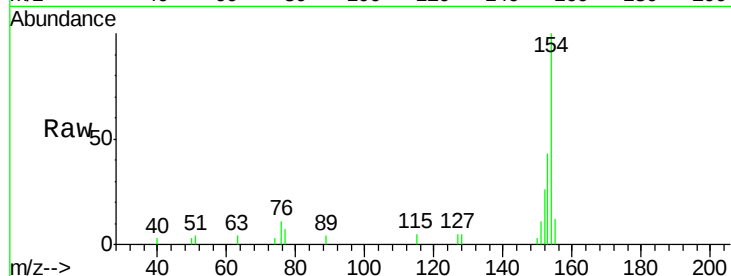




#41
1,1'-Biphenyl
Concen: 1.88 ng/ul
RT: 13.55 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

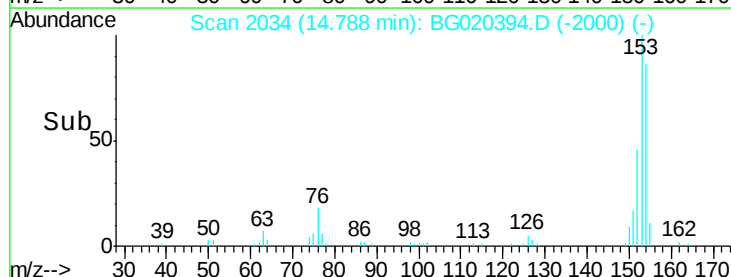
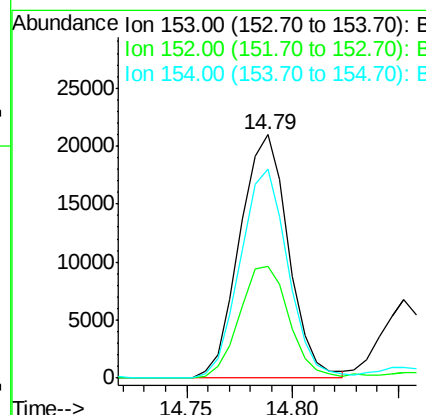
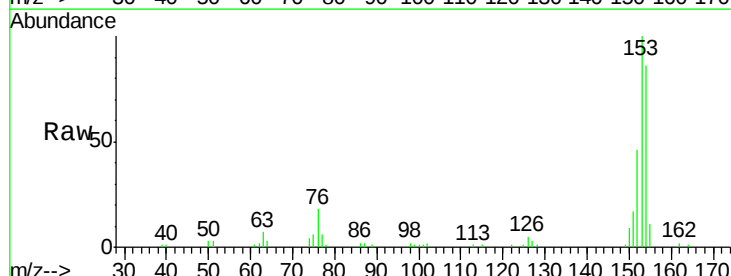
Instrument :
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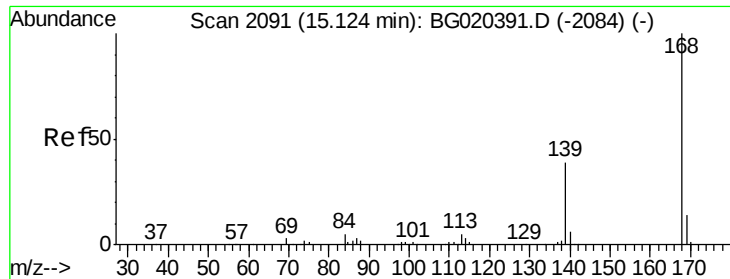
Tgt Ion:154 Resp: 7299
Ion Ratio Lower Upper
154 100
153 42.8 35.5 53.3
76 10.8 10.4 15.6



#50
Acenaphthene
Concen: 9.68 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG020394.D
Acq: 22 Dec 2015 2:16

Tgt Ion:153 Resp: 33581
Ion Ratio Lower Upper
153 100
152 46.1 37.6 56.4
154 85.6 67.9 101.9





#54

Dibenzenofuran

Concen: 5.38 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BG020394.D

Acq: 22 Dec 2015 2:16

Instrument :

BNA_G

ClientSampleId :

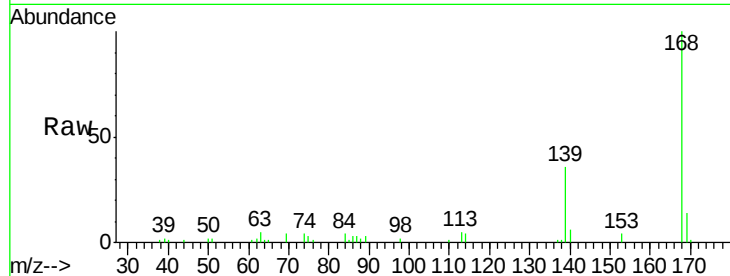
D9N43DL

Tgt Ion:168 Resp: 27764

Ion Ratio Lower Upper

168 100

139 36.5 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

20000

15000

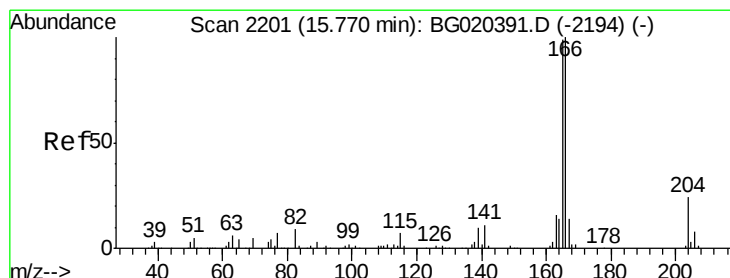
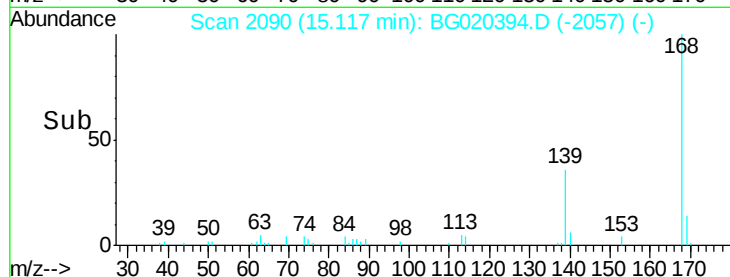
10000

5000

0

15.05 15.10 15.15

Time-->



#59

Fluorene

Concen: 5.14 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG020394.D

Acq: 22 Dec 2015 2:16

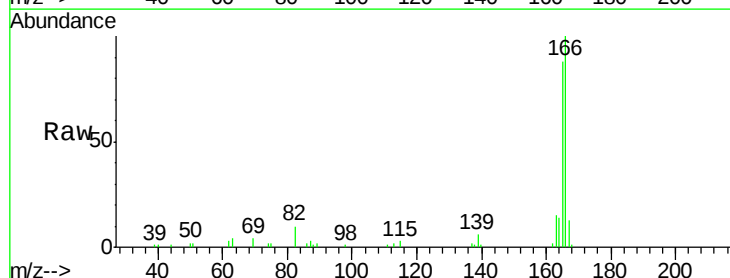
Tgt Ion:166 Resp: 21300

Ion Ratio Lower Upper

166 100

165 87.7 81.4 122.0

167 13.2 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

20000

15000

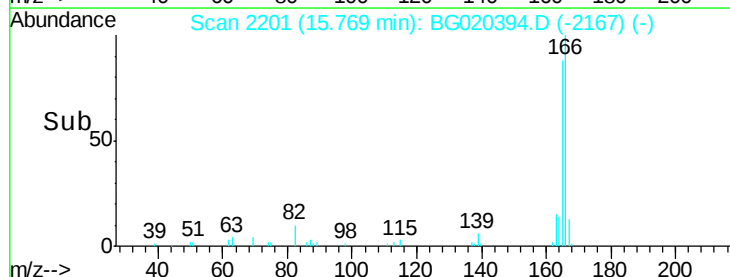
10000

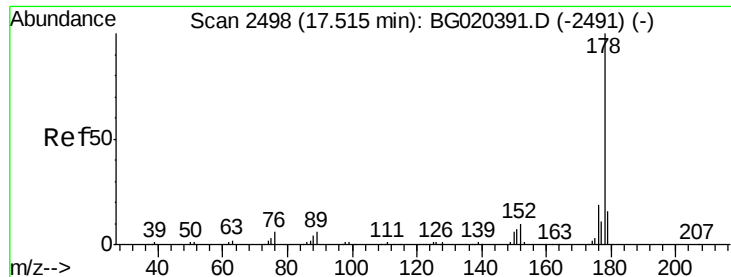
5000

0

15.70 15.75 15.80

Time-->





#70

Phenanthrene

Concen: 6.55 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG020394.D

Acq: 22 Dec 2015 2:16

Instrument :

BNA_G

ClientSampleId :

D9N43DL

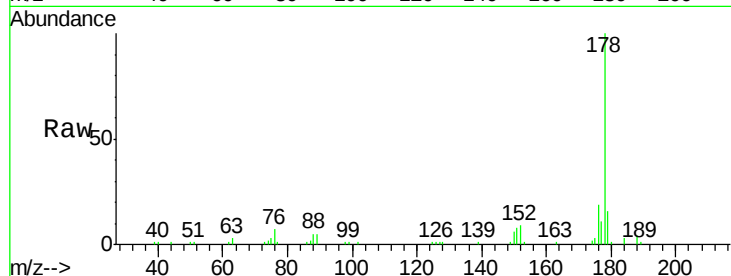
Tgt Ion:178 Resp: 44875

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

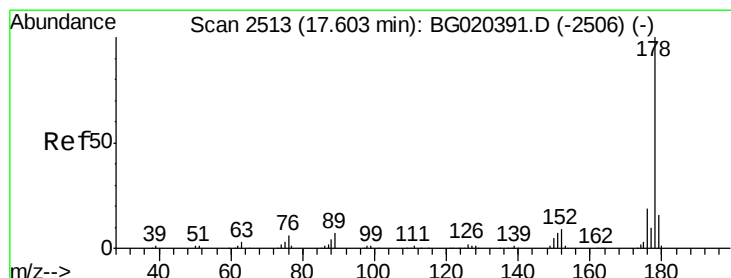
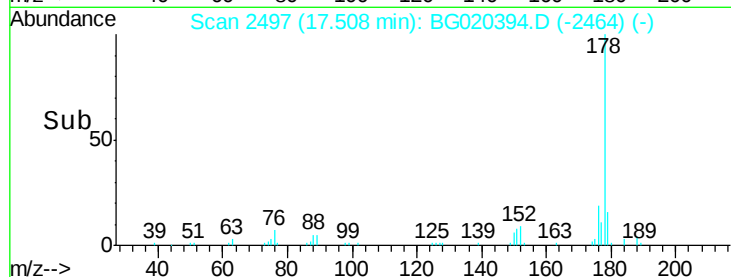
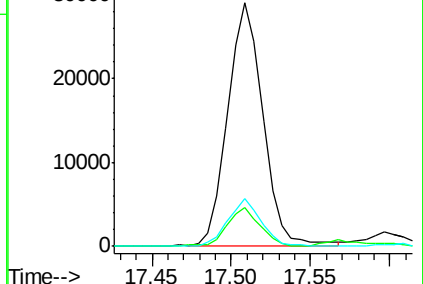
176 19.5 15.3 22.9



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: 6.46 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.09 min

Lab File: BG020394.D

Acq: 22 Dec 2015 2:16

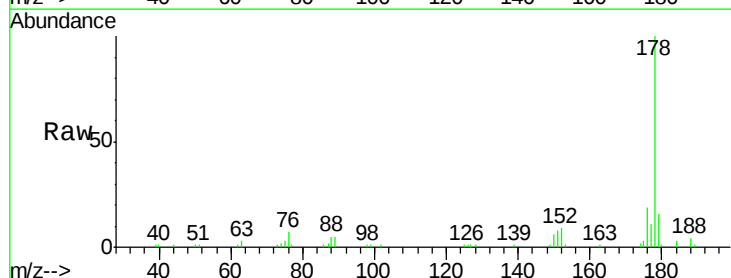
Tgt Ion:178 Resp: 44875

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

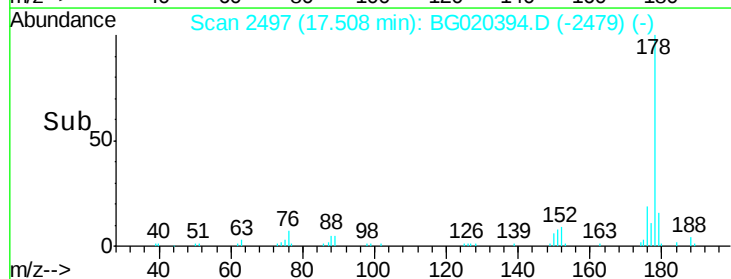
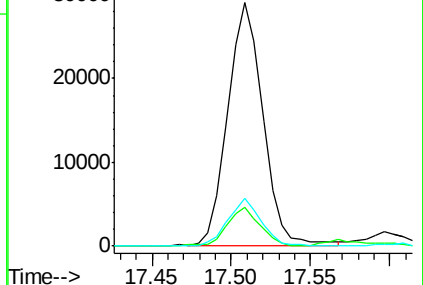
176 19.5 14.3 21.5

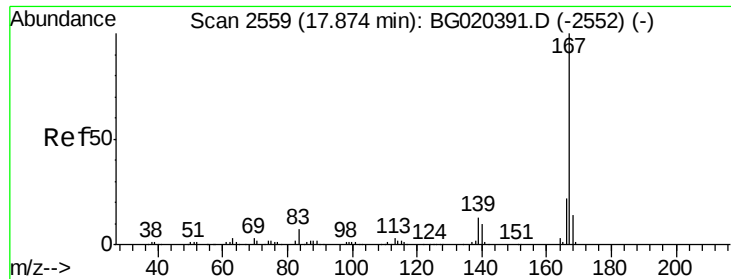


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 5.28 ng/ul

RT: 17.87 min Scan# 2559

Delta R.T. -0.00 min

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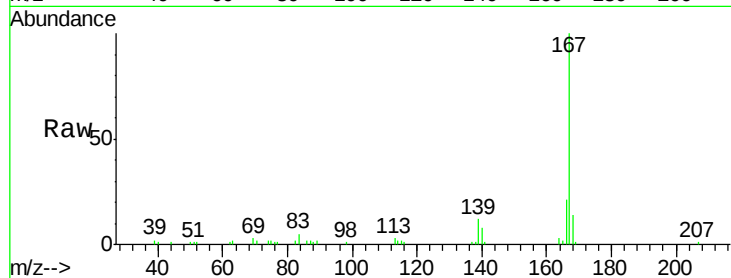
Tgt Ion:167 Resp: 30838

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

139 12.5 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

