

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
 Data File : BG020258.D
 Acq On : 17 Dec 2015 23:08
 Operator : UM/SJ
 Sample : G4767-16DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N38DL

Quant Time: Dec 18 02:44:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 02:40:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16171	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	74090	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	55960	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	153260	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	197998	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	189924	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	577	1.97	ng/uL	0.00
5) Phenol-d5	7.24	99	13569	9.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	9191	10.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	11082	10.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	12277	10.07	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	5933	10.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	7217	11.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	13377	10.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	18440	12.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	55085	12.17	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	58913	11.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	7349	9.05	ng/ul	0.00
58) Fluorene-d10	15.71	176	46914	11.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	6816	7.50	ng/ul	0.00
71) Anthracene-d10	17.57	188	81803	11.58	ng/ul	0.00
79) Pyrene-d10	19.85	212	97076	10.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	103881	10.97	ng/ul	0.00

Target Compounds

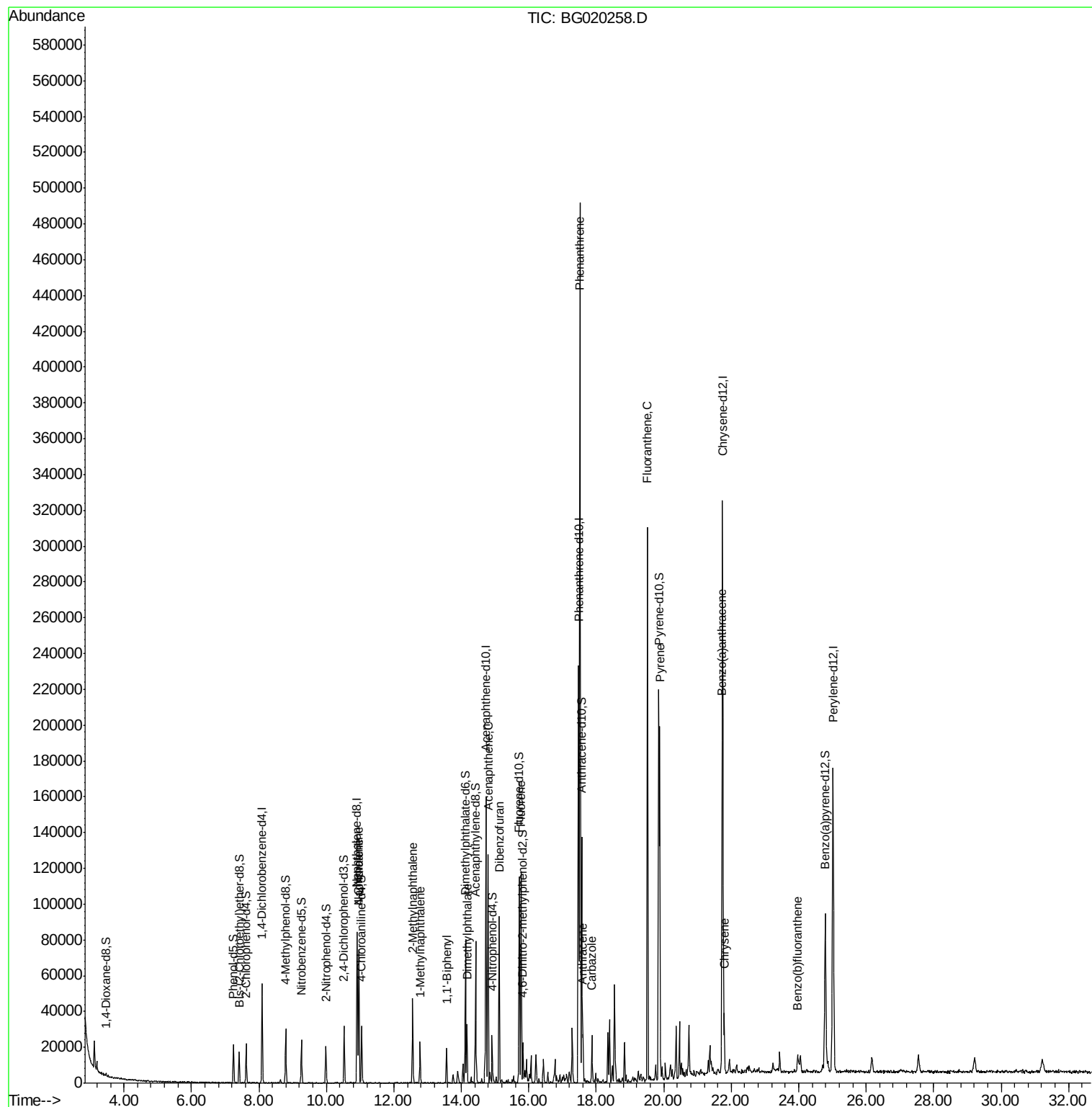
						Qvalue
28) Naphthalene	10.96	128	64216	16.60	ng/ul	99
30) 4-Chloroaniline	10.96	127	8618	5.77	ng/ul#	14
34) 2-Methylnaphthalene	12.56	142	23668	8.01	ng/ul	91
35) 1-Methylnaphthalene	12.78	142	11214	3.95	ng/ul#	99
41) 1,1'-Biphenyl	13.56	154	11701	2.77	ng/ul#	91
45) Dimethylphthalate	14.17	163	21981	4.75	ng/ul	98
50) Acenaphthene	14.79	153	55406	14.72	ng/ul	98
54) Dibenzofuran	15.12	168	60673	10.83	ng/ul	98
59) Fluorene	15.77	166	57513	12.79	ng/ul	99
70) Phenanthrene	17.51	178	320479	38.23	ng/ul	99
72) Anthracene	17.60	178	21694	2.55	ng/ul	96
75) Carbazole	17.87	167	17843	2.50	ng/ul	99
77) Fluoranthene	19.52	202	201471	20.56	ng/ul	98
80) Pyrene	19.88	202	136417	11.38	ng/ul	97
83) Benzo(a)anthracene	21.72	228	31796	2.75	ng/ul	97
85) Chrysene	21.79	228	26329	2.42	ng/ul	98
88) Benzo(b)fluoranthene	23.97	252	13405	1.17	ng/ul#	95

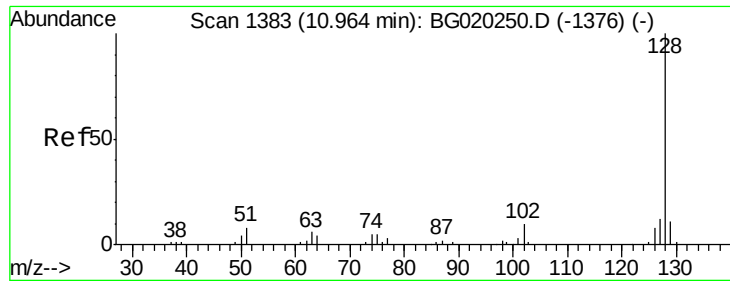
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020258.D
Acq On : 17 Dec 2015 23:08
Operator : UM/SJ
Sample : G4767-16DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N38DL

Quant Time: Dec 18 02:44:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

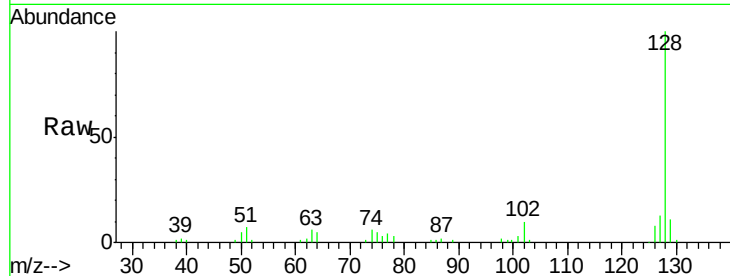




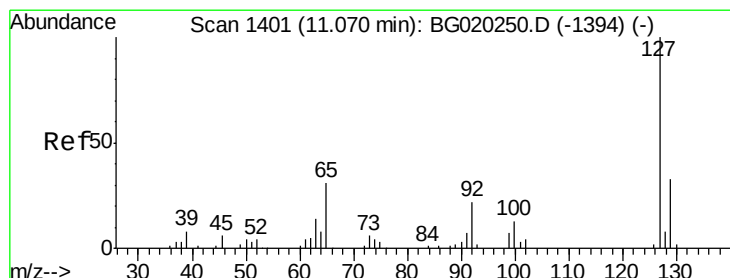
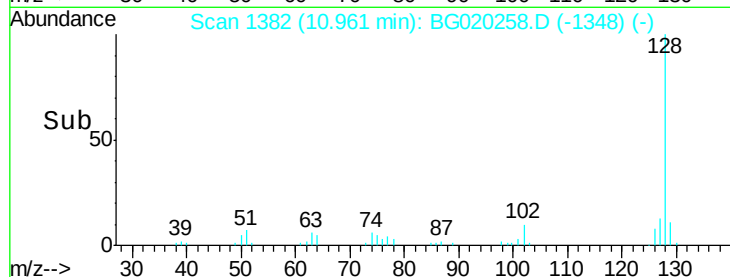
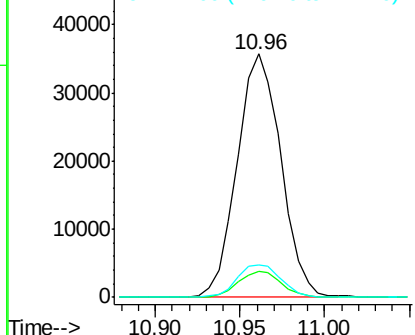
#28
Naphthalene
Concen: 16.60 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020258.D
Acq: 17 Dec 2015 23:08

Instrument :
BNA_G
ClientSampleId :
D9N38DL

Tgt Ion:128 Resp: 64216
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.2 10.1 15.1

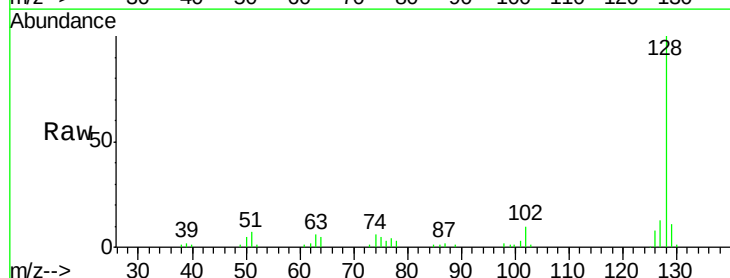


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

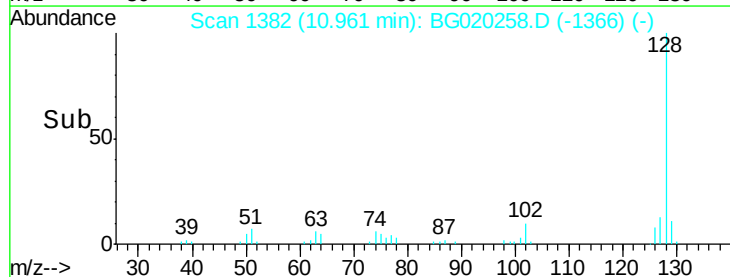
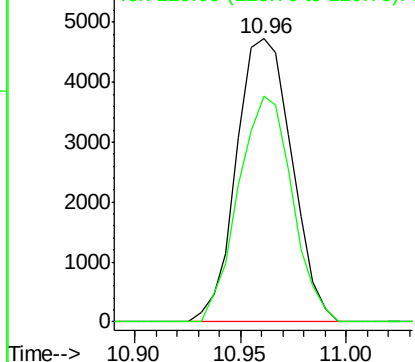


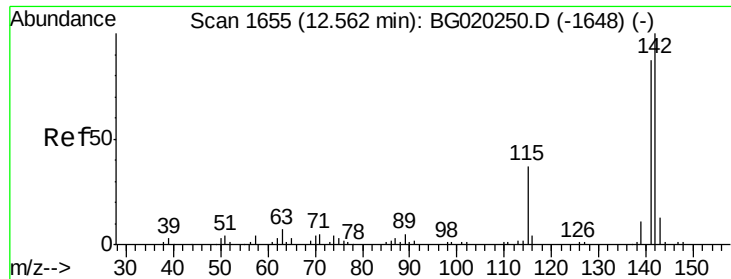
#30
4-Chloroaniline
Concen: 5.77 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.11 min
Lab File: BG020258.D
Acq: 17 Dec 2015 23:08

Tgt Ion:127 Resp: 8618
Ion Ratio Lower Upper
127 100
129 80.0 25.7 38.5#



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

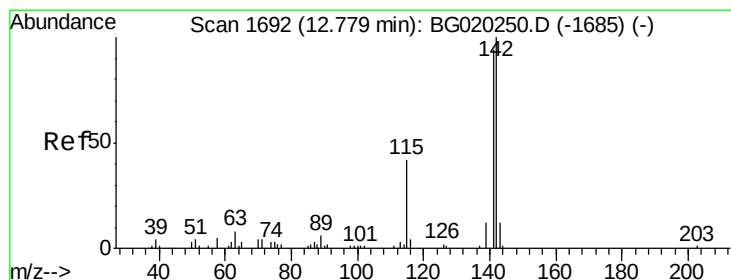
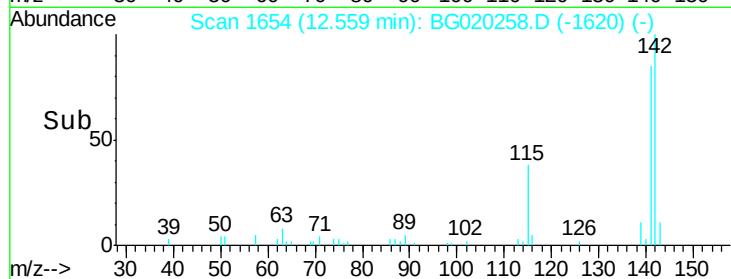
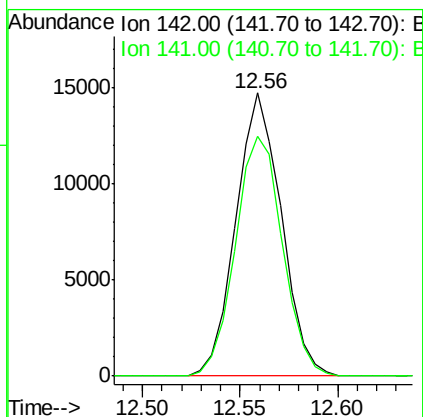
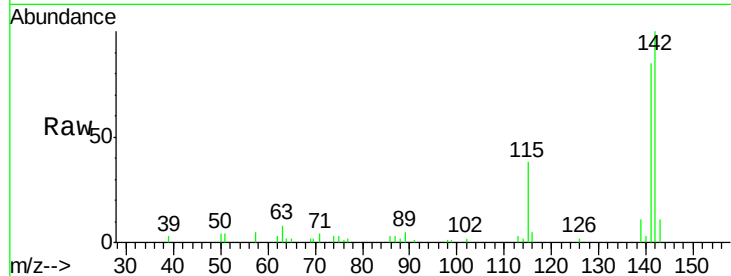




#34
 2-Methylnaphthalene
 Concen: 8.01 ng/ul
 RT: 12.56 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BG020258.D
 Acq: 17 Dec 2015 23:08

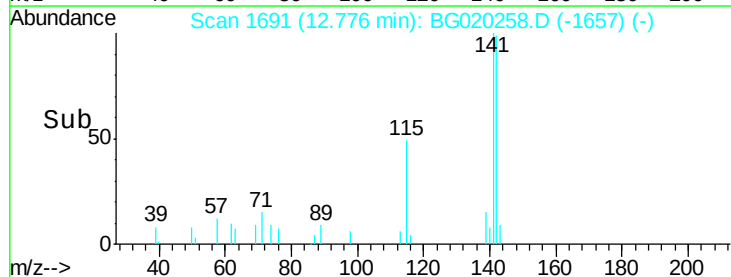
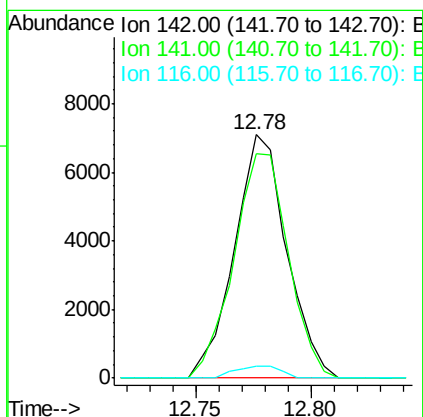
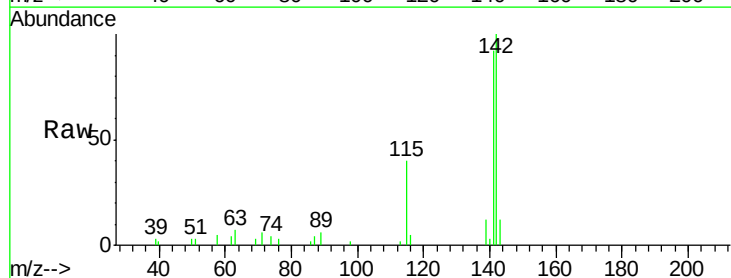
Instrument :
 BNA_G
 ClientSampleId :
 D9N38DL

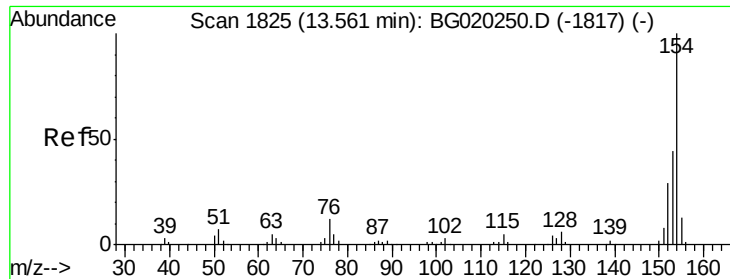
Tgt Ion:142 Resp: 23668
 Ion Ratio Lower Upper
 142 100
 141 84.8 74.9 112.3



#35
 1-Methylnaphthalene
 Concen: 3.95 ng/ul
 RT: 12.78 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG020258.D
 Acq: 17 Dec 2015 23:08

Tgt Ion:142 Resp: 11214
 Ion Ratio Lower Upper
 142 100
 141 92.2 73.0 109.6
 116 4.8 3.0 4.6#

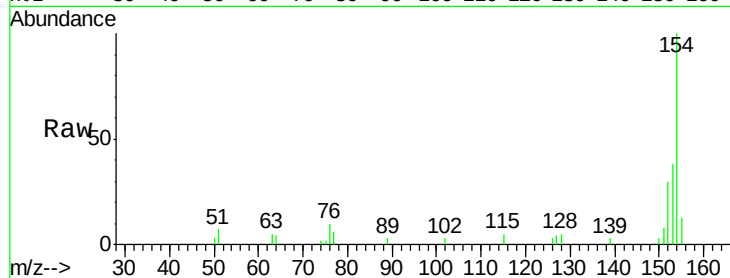




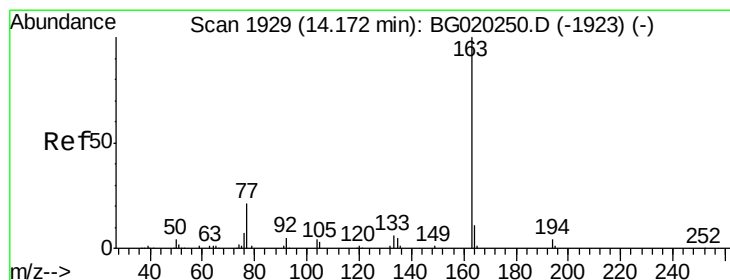
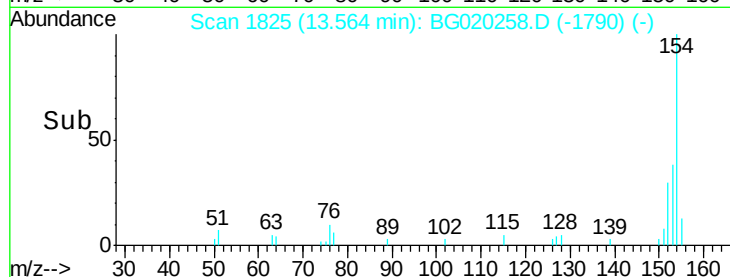
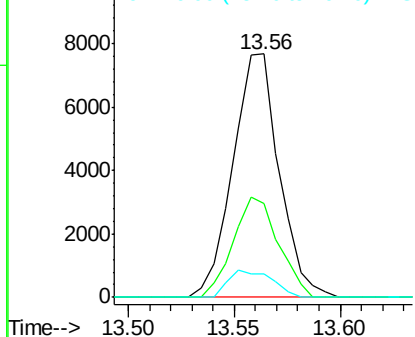
#41
 1,1'-Biphenyl
 Concen: 2.77 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG020258.D
 Acq: 17 Dec 2015 23:08

Instrument :
 BNA_G
 ClientSampleId :
 D9N38DL

Tgt Ion:154 Resp: 11701
 Ion Ratio Lower Upper
 154 100
 153 38.4 35.5 53.3
 76 9.7 10.4 15.6#

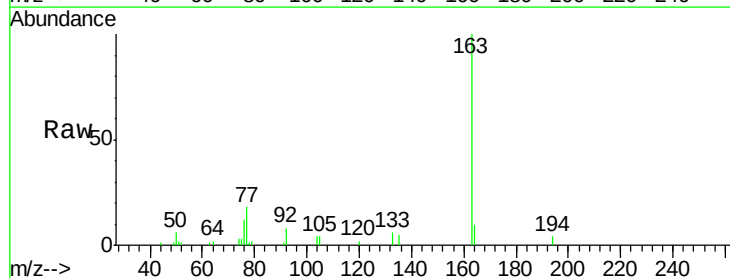


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

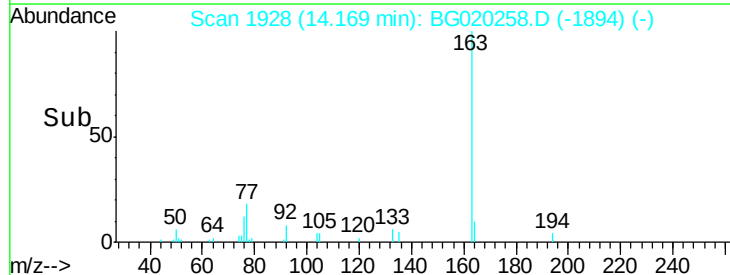
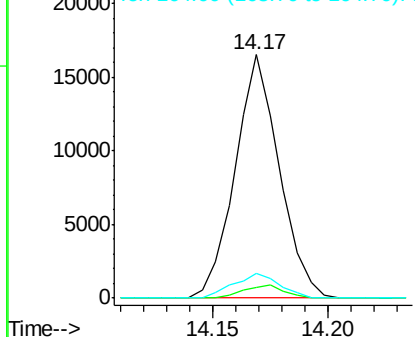


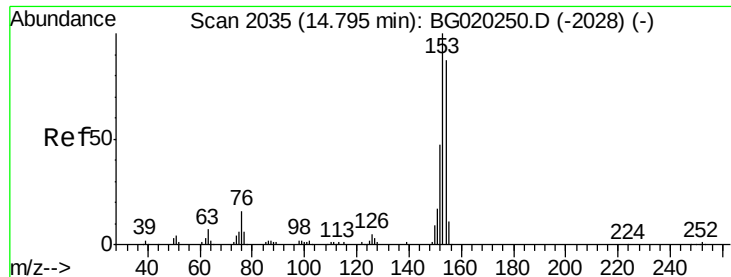
#45
 Dimethylphthalate
 Concen: 4.75 ng/ul
 RT: 14.17 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BG020258.D
 Acq: 17 Dec 2015 23:08

Tgt Ion:163 Resp: 21981
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.5 5.3
 164 10.3 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 14.72 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG020258.D

Acq: 17 Dec 2015 23:08

Instrument :

BNA_G

ClientSampleId :

D9N38DL

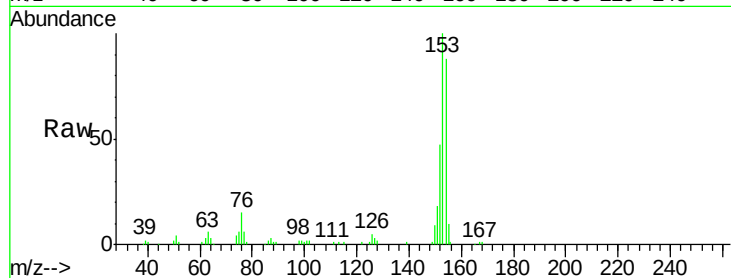
Tgt Ion:153 Resp: 55406

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

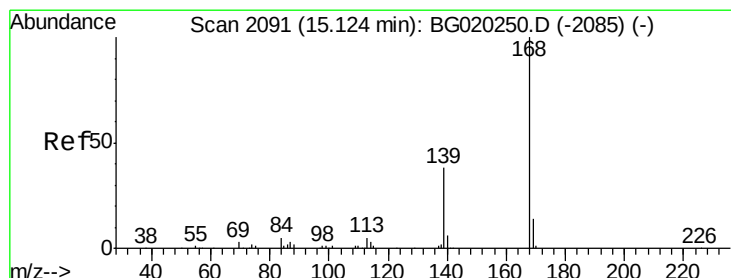
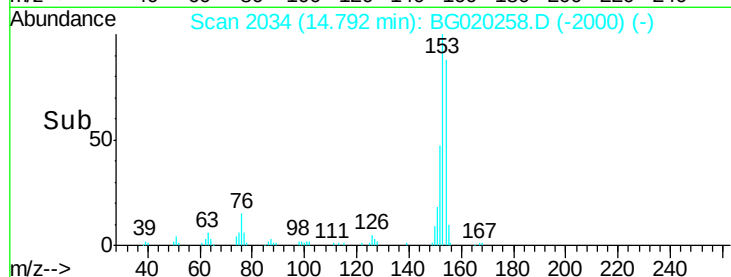
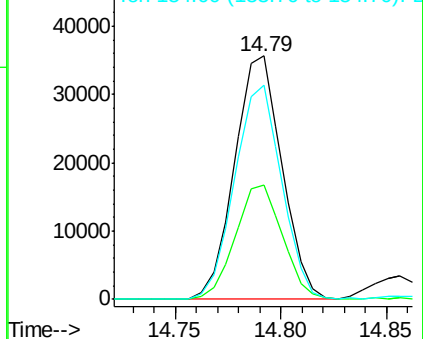
154 87.8 67.9 101.9



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

Dibenzofuran

Concen: 10.83 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG020258.D

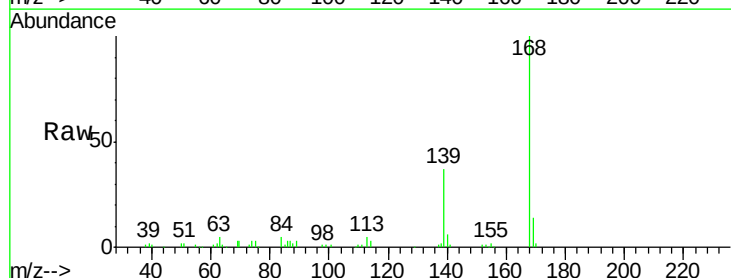
Acq: 17 Dec 2015 23:08

Tgt Ion:168 Resp: 60673

Ion Ratio Lower Upper

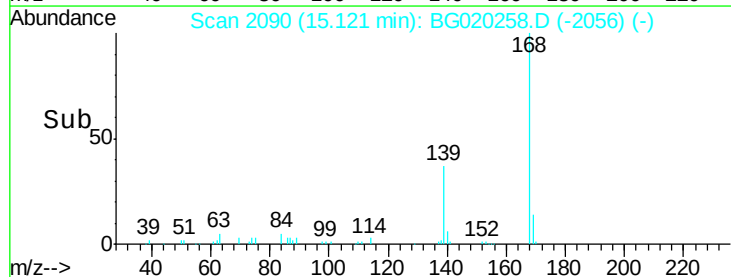
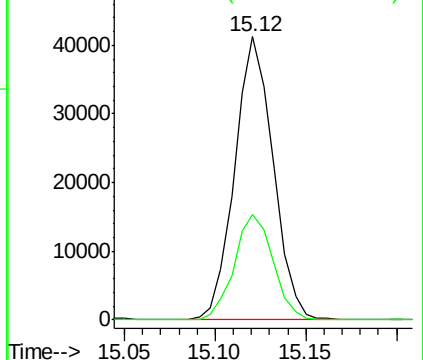
168 100

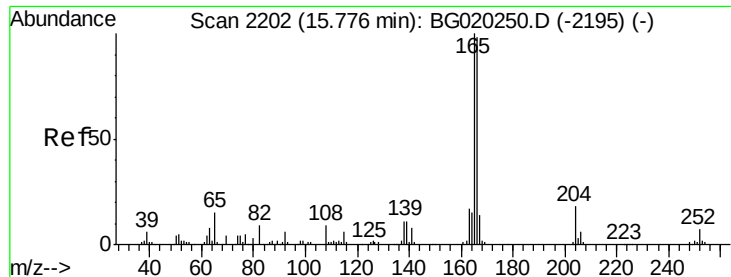
139 37.1 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 12.79 ng/ul

RT: 15.77 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG020258.D

Acq: 17 Dec 2015 23:08

Instrument :

BNA_G

ClientSampleId :

D9N38DL

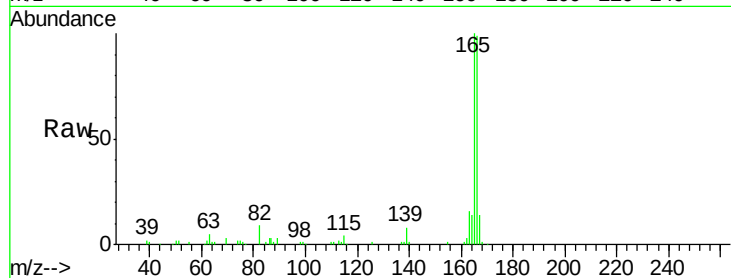
Tgt Ion:166 Resp: 57513

Ion Ratio Lower Upper

166 100

165 100.8 81.4 122.0

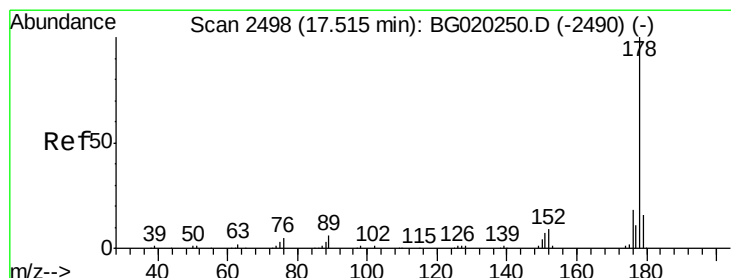
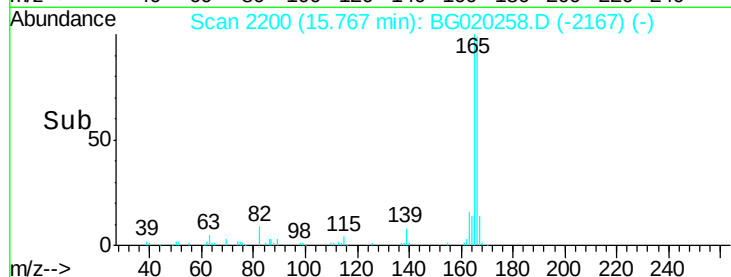
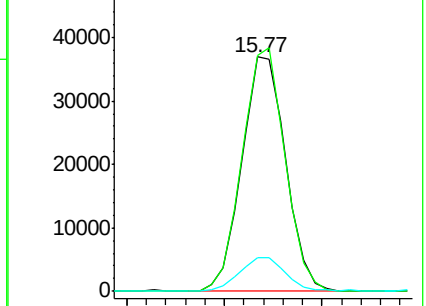
167 14.6 11.2 16.8



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: 38.23 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020258.D

Acq: 17 Dec 2015 23:08

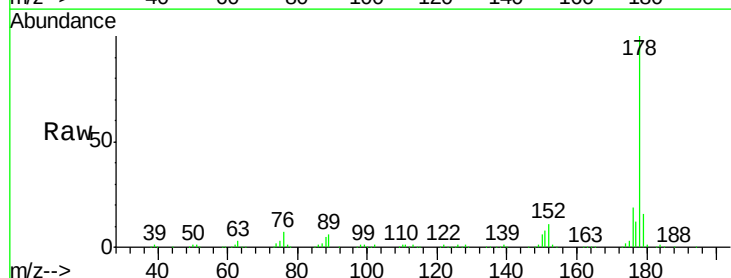
Tgt Ion:178 Resp: 320479

Ion Ratio Lower Upper

178 100

179 16.3 12.9 19.3

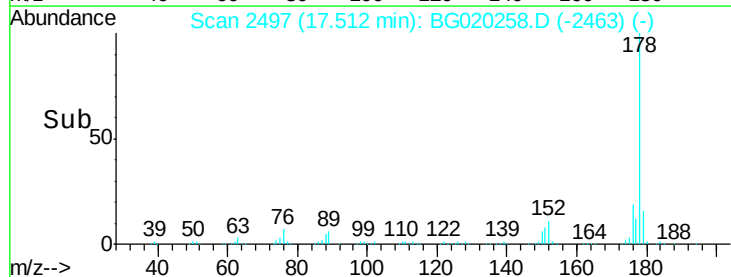
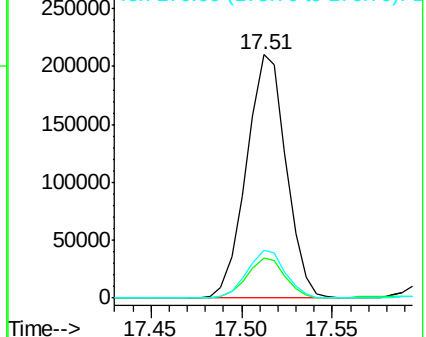
176 19.4 15.3 22.9

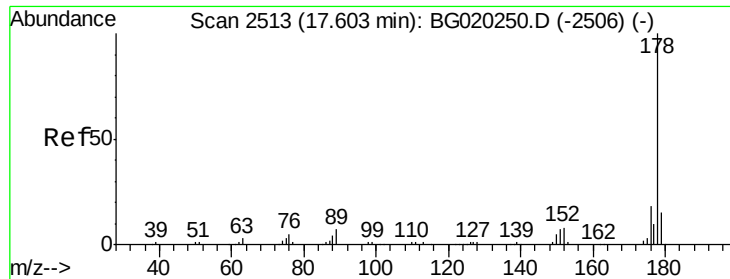


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.55 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG020258.D

Acq: 17 Dec 2015 23:08

Instrument :

BNA_G

ClientSampleId :

D9N38DL

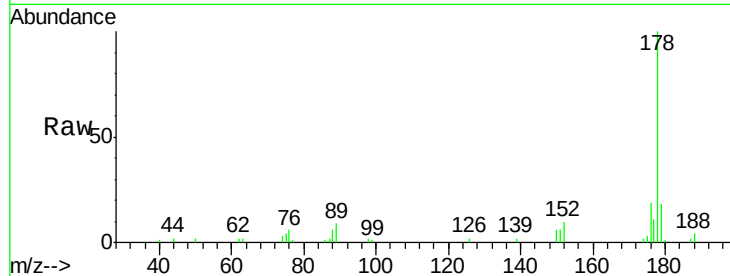
Tgt Ion:178 Resp: 21694

Ion Ratio Lower Upper

178 100

179 17.6 12.3 18.5

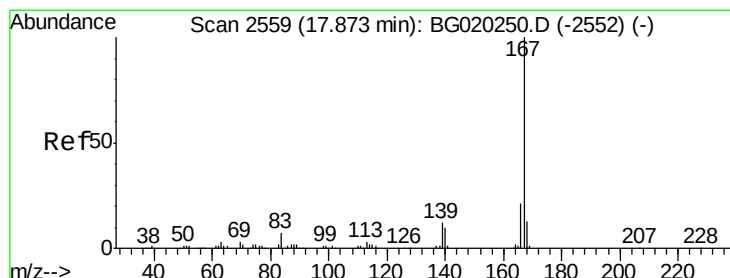
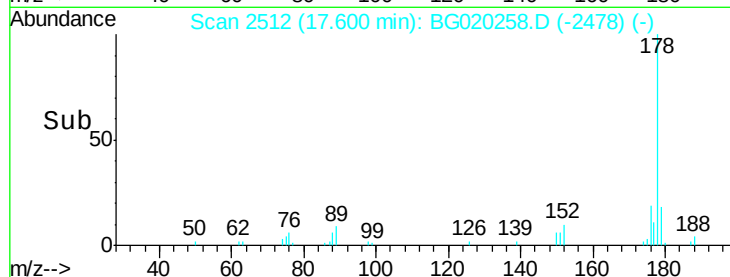
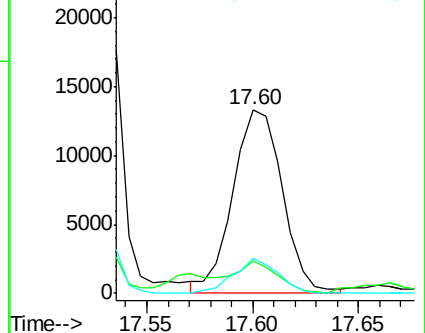
176 18.9 14.3 21.5



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: 2.50 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020258.D

Acq: 17 Dec 2015 23:08

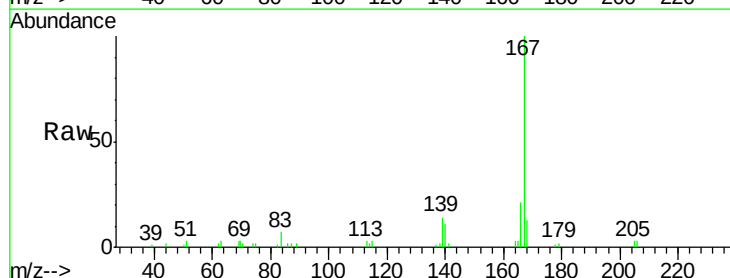
Tgt Ion:167 Resp: 17843

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

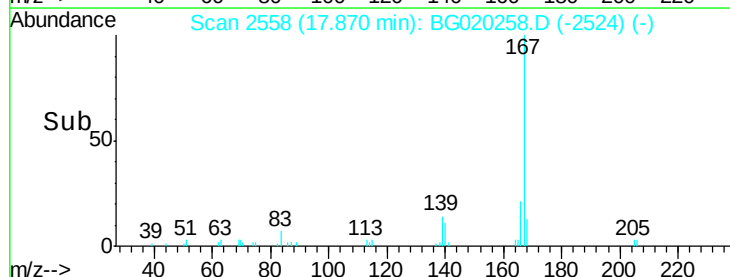
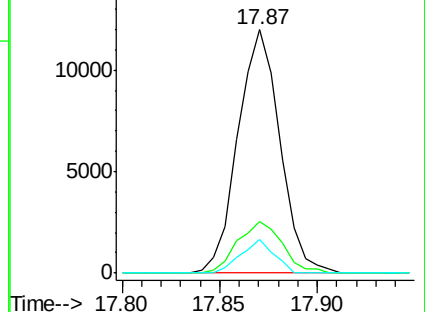
139 13.9 10.1 15.1

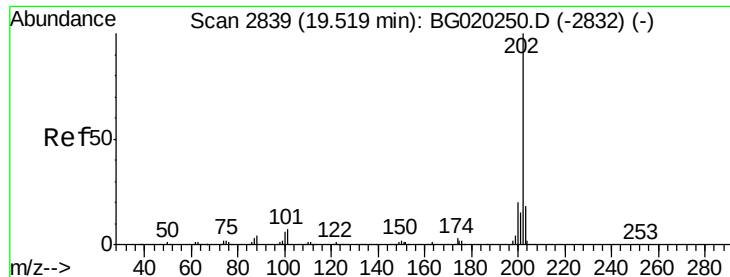


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 20.56 ng/ul

RT: 19.52 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG020258.D

Acq: 17 Dec 2015 23:08

Instrument :

BNA_G

ClientSampleId :

D9N38DL

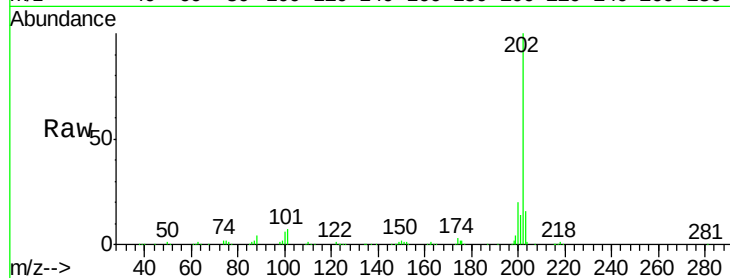
Tgt Ion:202 Resp: 201471

Ion Ratio Lower Upper

202 100

101 7.2 6.2 9.4

100 5.9 5.1 7.7

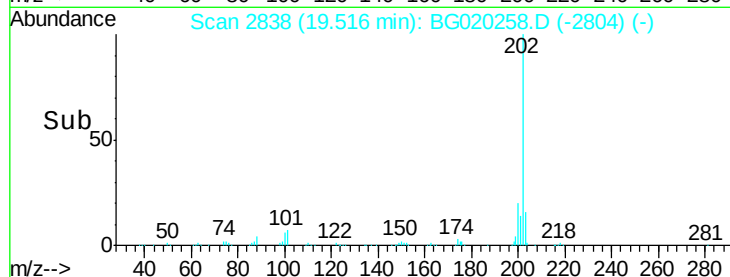


Abundance Ion 202.00 (201.70 to 202.70): E

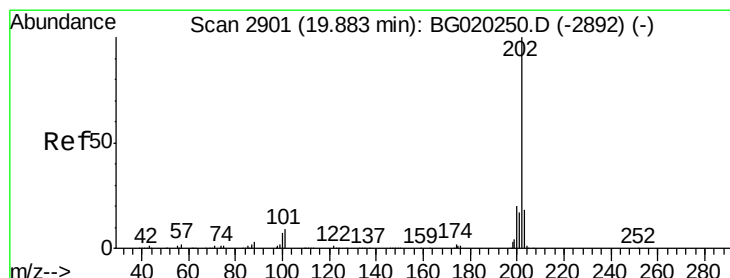
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.52



Time-->



#80

Pyrene

Concen: 11.38 ng/ul

RT: 19.88 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG020258.D

Acq: 17 Dec 2015 23:08

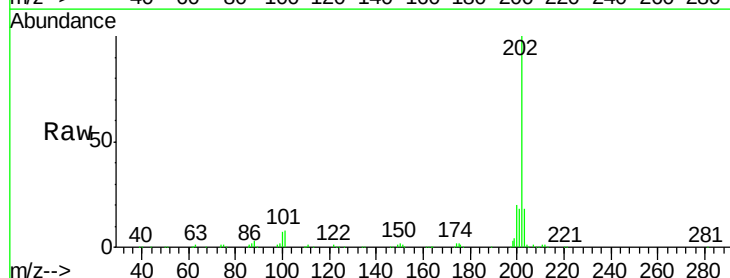
Tgt Ion:202 Resp: 136417

Ion Ratio Lower Upper

202 100

101 8.1 7.0 10.4

100 6.8 6.4 9.6

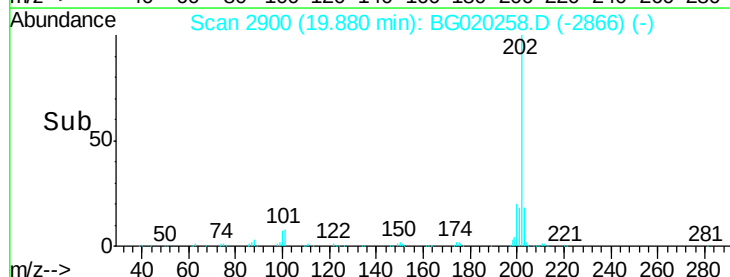


Abundance Ion 202.00 (201.70 to 202.70): E

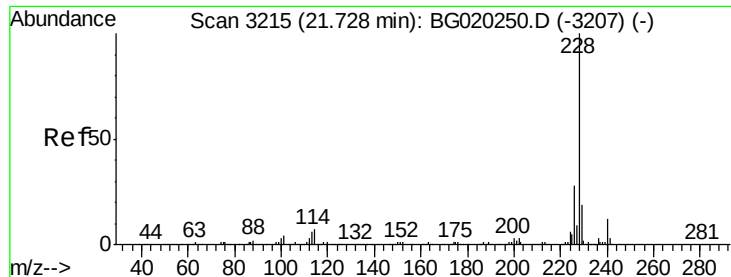
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.88



Time-->



#83

Benzo(a)anthracene

Concen: 2.75 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG020258.D

Acq: 17 Dec 2015 23:08

Instrument :

BNA_G

ClientSampleId :

D9N38DL

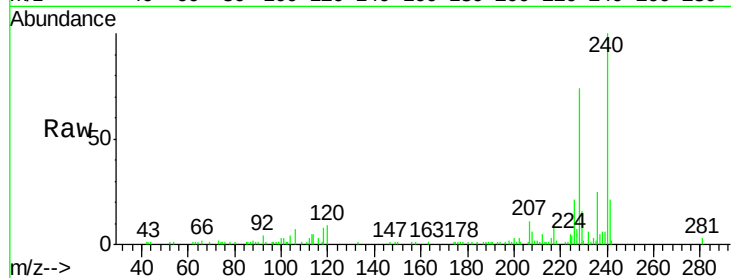
Tgt Ion:228 Resp: 31796

Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.8

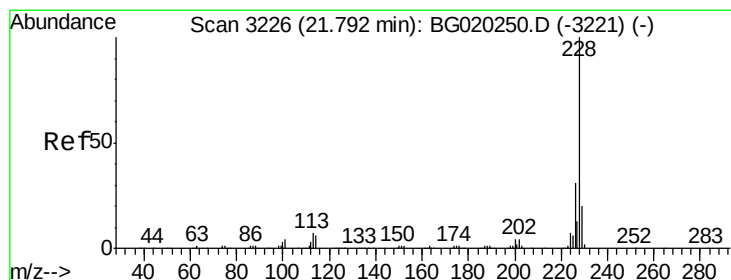
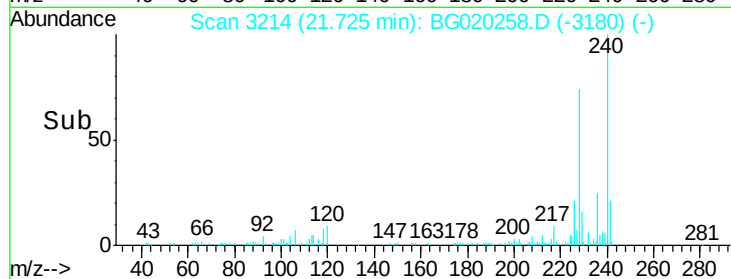
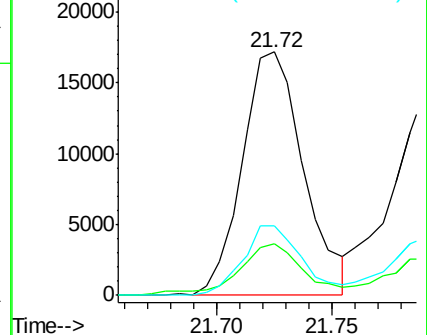
226 28.4 21.8 32.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 2.42 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BG020258.D

Acq: 17 Dec 2015 23:08

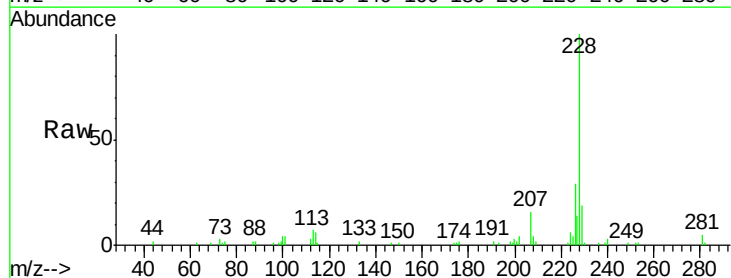
Tgt Ion:228 Resp: 26329

Ion Ratio Lower Upper

228 100

226 28.6 23.9 35.9

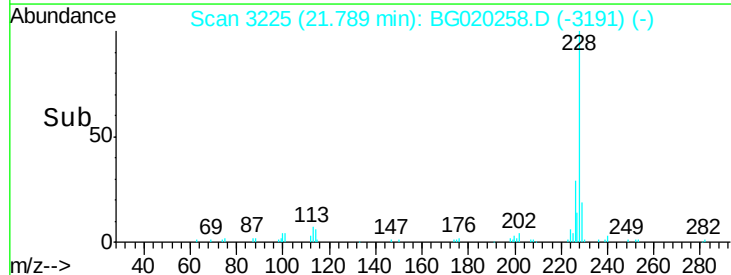
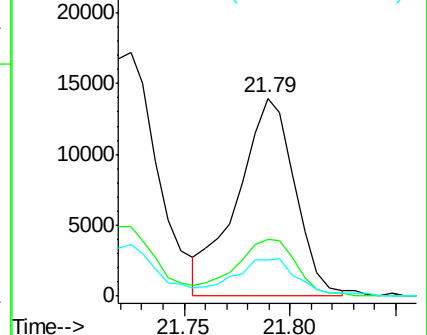
229 18.6 15.6 23.4

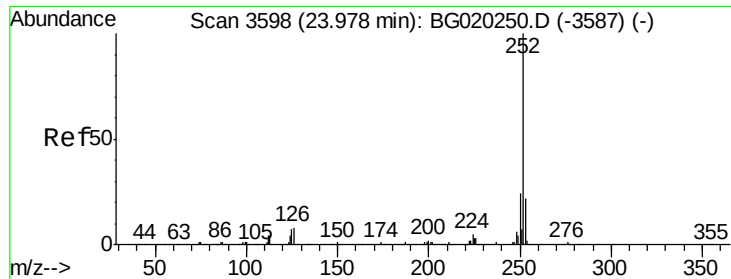


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.17 ng/ul

RT: 23.97 min Scan# 3596

Delta R.T. -0.01 min

Lab File: BG020258.D

Acq: 17 Dec 2015 23:08

Instrument :

BNA_G

ClientSampleId :

D9N38DL

Tgt Ion: 252 Resp: 13405

Ion Ratio Lower Upper

252 100

253 23.0 16.7 25.1

125 5.6 6.2 9.2#

