

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020221.D
 Acq On : 16 Dec 2015 13:27
 Operator : UM/SJ
 Sample : G4786-15DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C88DL

Quant Time: Dec 17 00:42:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 00:37:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	22333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	100224	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	75045	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	193693	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	212917	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	201343	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	7.25	99	1200	0.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	3294	2.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	3442	2.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	2560	1.52	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	3038	3.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	2596	2.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	4932	2.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	282	0.14	ng/ul	0.02
44) Dimethylphthalate-d6	14.13	166	18791	3.10	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	22737	3.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	564	0.52	ng/ul	0.00
58) Fluorene-d10	15.71	176	18543	3.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	2679	2.33	ng/ul	0.00
71) Anthracene-d10	17.47	188	193693	21.70	ng/ul	-0.10
79) Pyrene-d10	19.85	212	31418	3.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	30224	3.01	ng/ul	0.00

Target Compounds

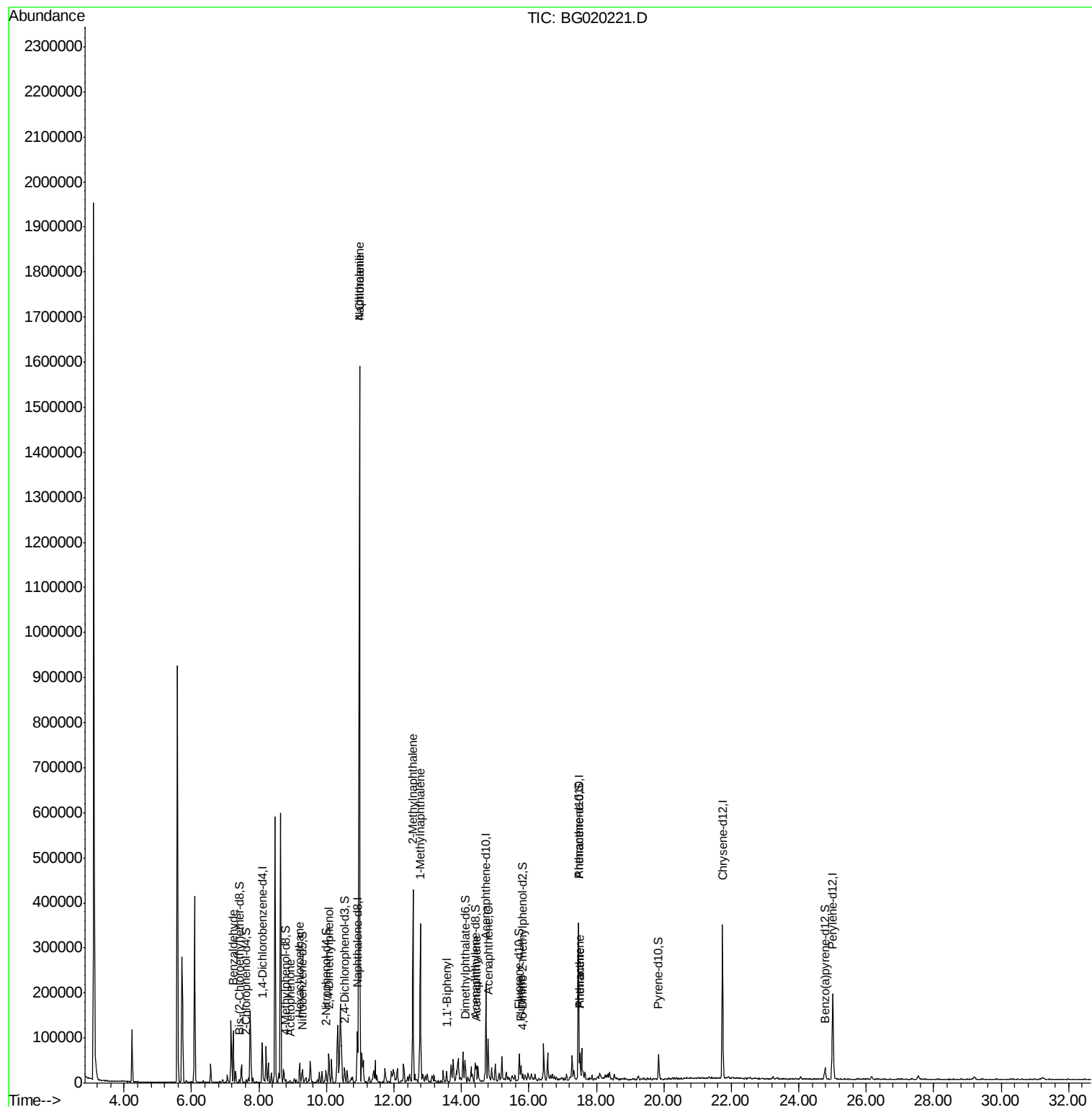
						Qvalue
4) Benzaldehyde	7.23	77	8896	6.98	ng/ul#	1
14) Acetophenone	8.92	105	3830	1.45	ng/ul#	80
17) Hexachloroethane	9.20	117	4544	7.21	ng/ul#	1
24) 2,4-Dimethylphenol	10.07	107	24161	11.41	ng/ul	96
28) Naphthalene	10.98	128	1328908	253.91	ng/ul#	94
30) 4-Chloroaniline	10.98	127	195285	96.71	ng/ul#	13
34) 2-Methylnaphthalene	12.56	142	187549	46.91	ng/ul	99
35) 1-Methylnaphthalene	12.78	142	148345	38.60	ng/ul#	97
41) 1,1'-Biphenyl	13.56	154	12775	2.26	ng/ul	97
48) Acenaphthylene	14.45	152	7867	1.05	ng/ul#	77
50) Acenaphthene	14.79	153	36537	7.24	ng/ul	96
59) Fluorene	15.77	166	15334	2.54	ng/ul	96
70) Phenanthrene	17.51	178	32439	3.06	ng/ul	96
72) Anthracene	17.51	178	32439	3.02	ng/ul	99

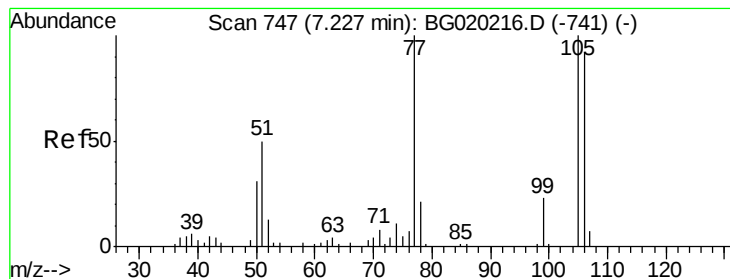
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 6.98 ng/ul

RT: 7.23 min Scan# 748

Delta R.T. 0.01 min

Lab File: BG020221.D

Acq: 16 Dec 2015 13:27

Instrument :

BNA_G

ClientSampleId :

G9C88DL

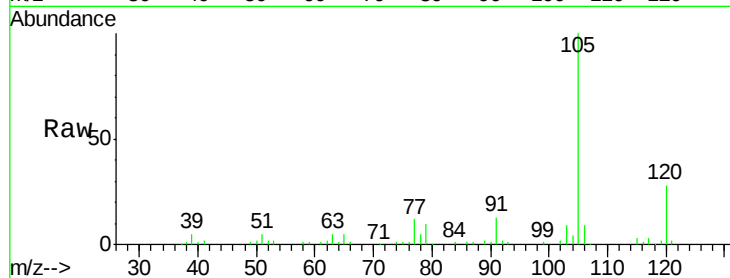
Tgt Ion: 77 Resp: 8896

Ion Ratio Lower Upper

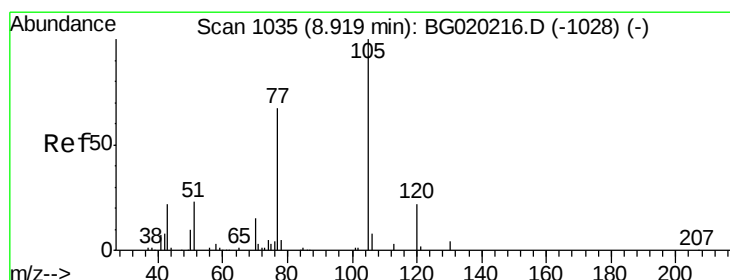
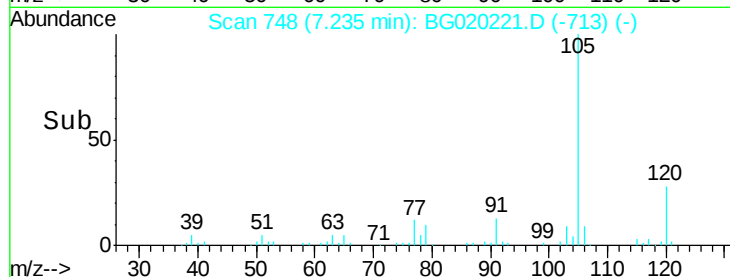
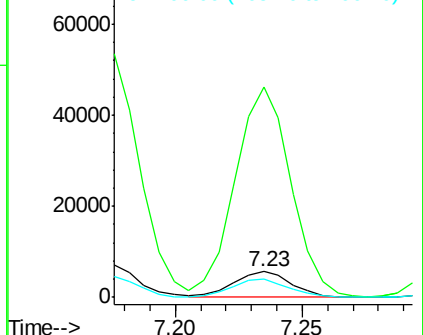
77 100

105 808.4 77.8 116.6#

106 72.7 72.6 109.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#14

Acetophenone

Concen: 1.45 ng/ul

RT: 8.92 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG020221.D

Acq: 16 Dec 2015 13:27

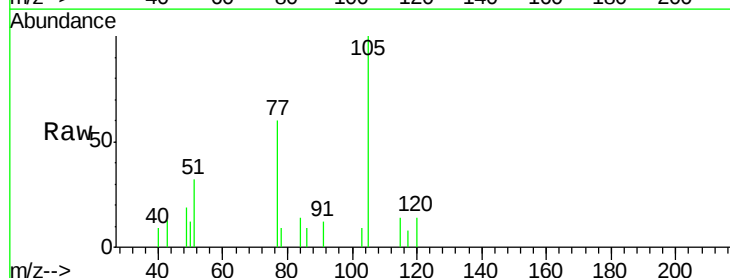
Tgt Ion: 105 Resp: 3830

Ion Ratio Lower Upper

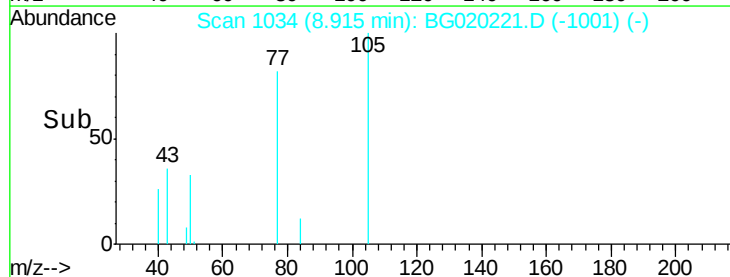
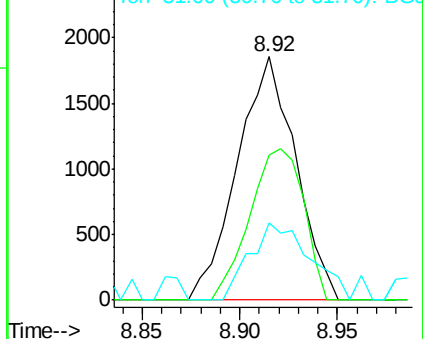
105 100

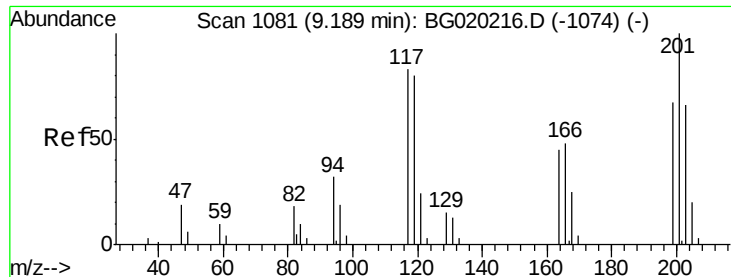
77 59.5 65.2 97.8#

51 31.8 22.6 33.8



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

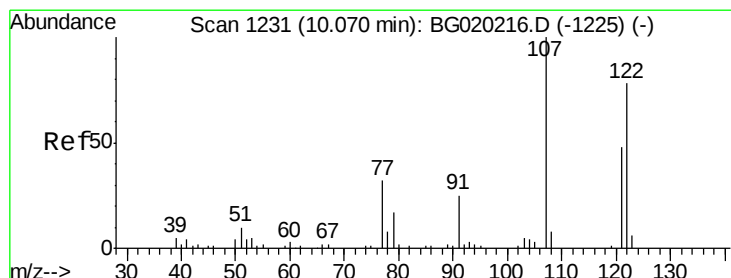
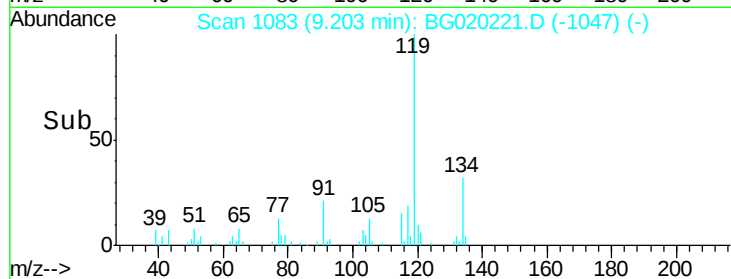
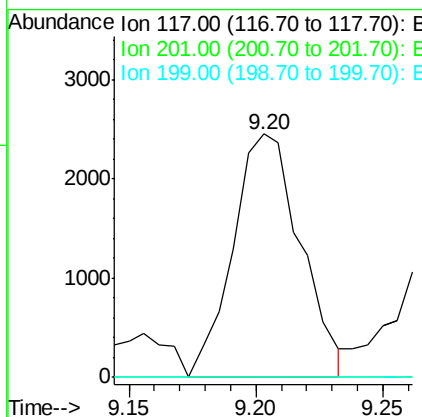
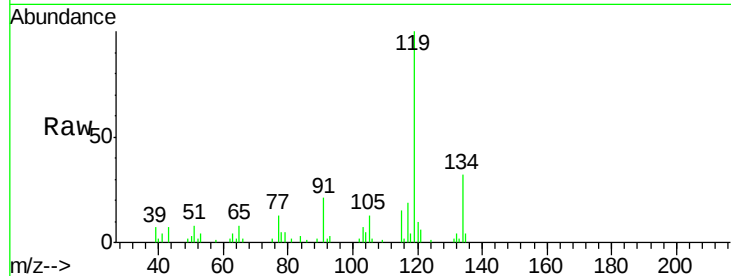




#17
 Hexachloroethane
 Concen: 7.21 ng/ul
 RT: 9.20 min Scan# 1083
 Delta R.T. 0.01 min
 Lab File: BG020221.D
 Acq: 16 Dec 2015 13:27

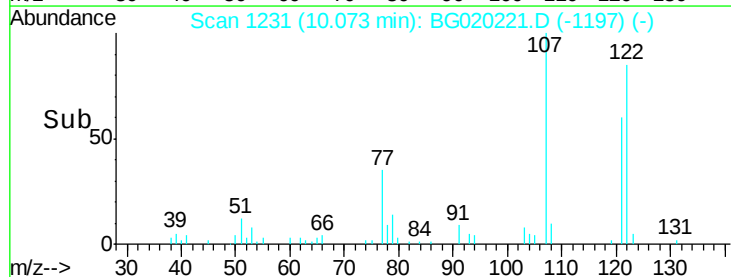
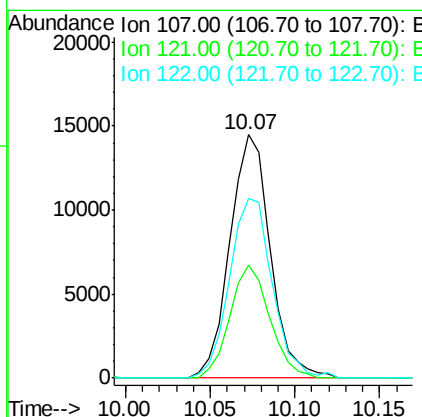
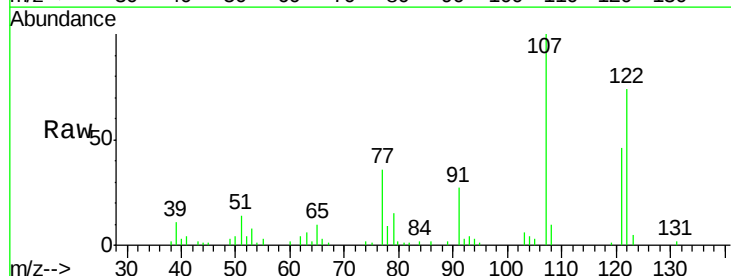
Instrument :
 BNA_G
 ClientSampleId :
 G9C88DL

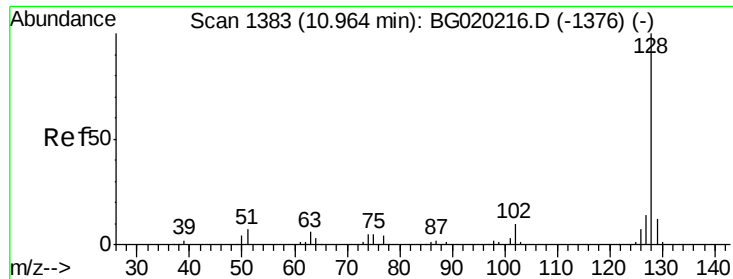
Tgt Ion:117 Resp: 4544
 Ion Ratio Lower Upper
 117 100
 201 0.0 102.7 154.1#
 199 0.0 65.8 98.8#



#24
 2,4-Dimethylphenol
 Concen: 11.41 ng/ul
 RT: 10.07 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG020221.D
 Acq: 16 Dec 2015 13:27

Tgt Ion:107 Resp: 24161
 Ion Ratio Lower Upper
 107 100
 121 46.4 39.0 58.4
 122 74.0 62.1 93.1

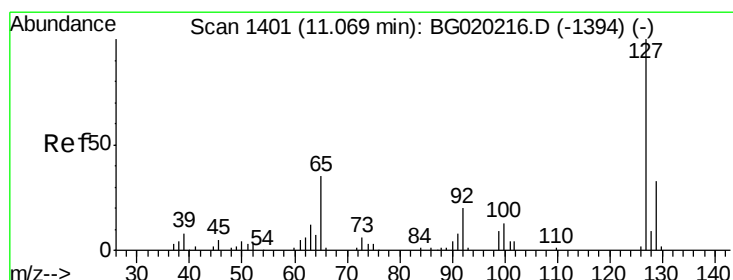
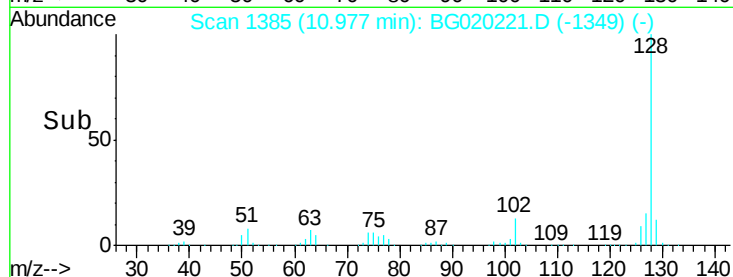
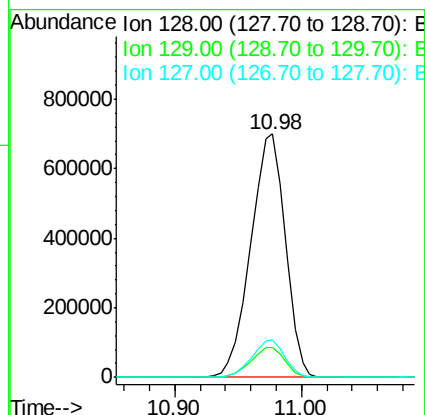
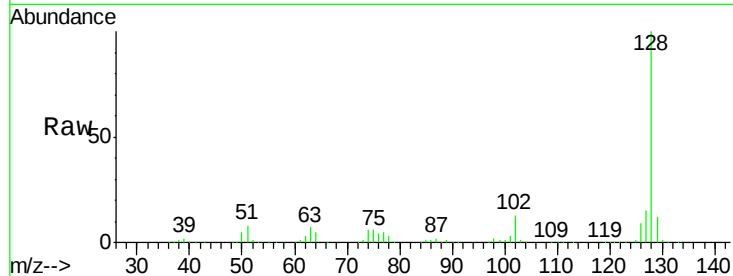




#28
Naphthalene
Concen: 253.91 ng/ul
RT: 10.98 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BG020221.D
Acq: 16 Dec 2015 13:27

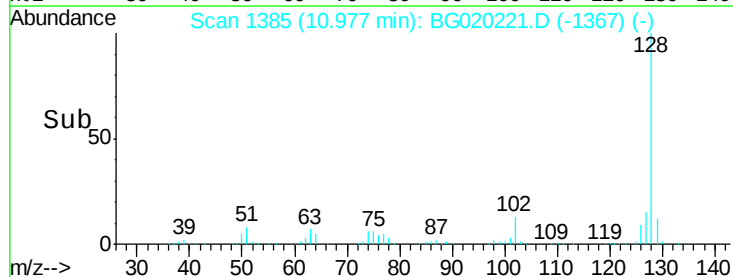
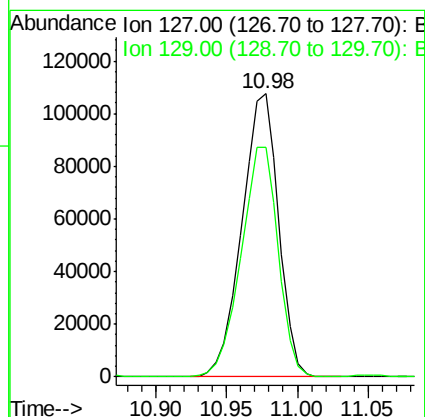
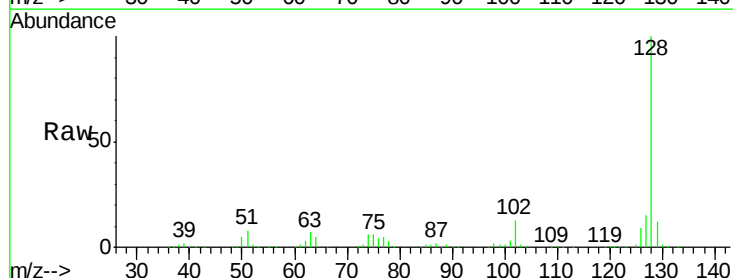
Instrument :
BNA_G
ClientSampleId :
G9C88DL

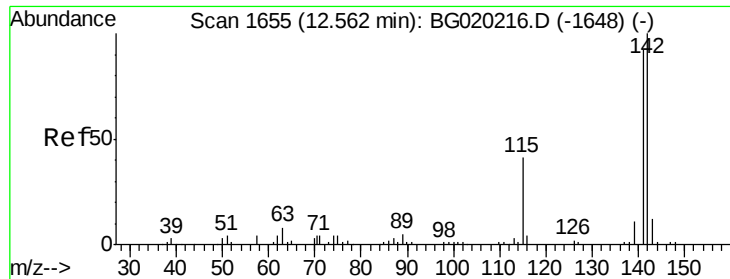
Tgt Ion:128 Resp: 1328908
Ion Ratio Lower Upper
128 100
129 12.4 8.6 12.8
127 15.4 10.1 15.1#



#30
4-Chloroaniline
Concen: 96.71 ng/ul
RT: 10.98 min Scan# 1385
Delta R.T. -0.09 min
Lab File: BG020221.D
Acq: 16 Dec 2015 13:27

Tgt Ion:127 Resp: 195285
Ion Ratio Lower Upper
127 100
129 80.9 25.7 38.5#

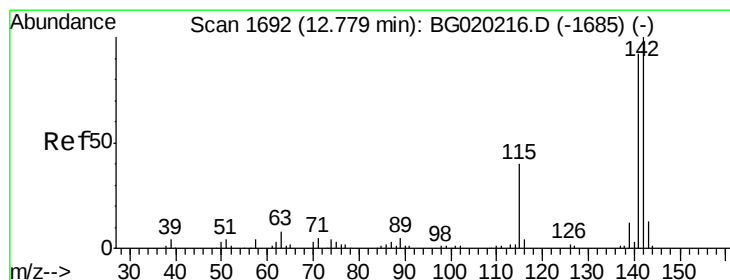
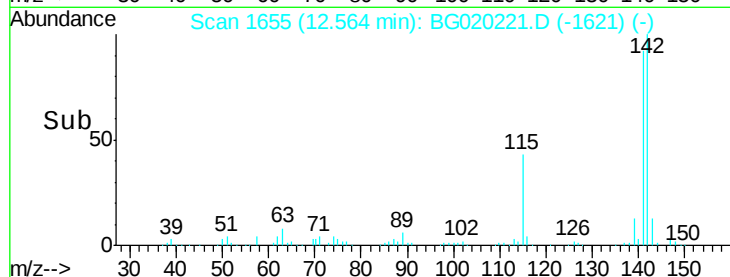
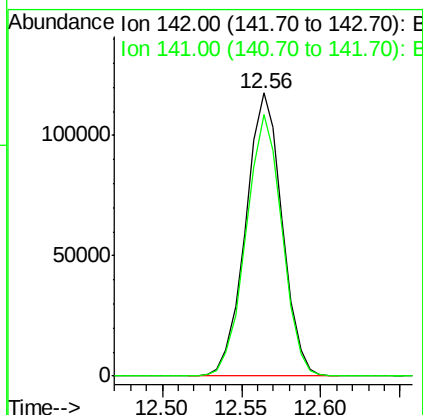
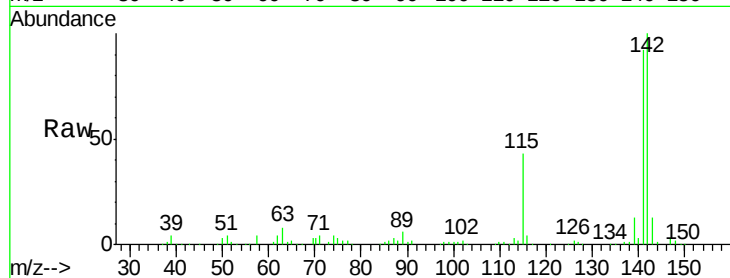




#34
 2-Methylnaphthalene
 Concen: 46.91 ng/ul
 RT: 12.56 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BG020221.D
 Acq: 16 Dec 2015 13:27

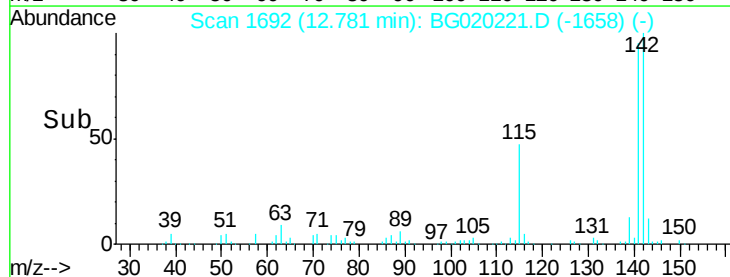
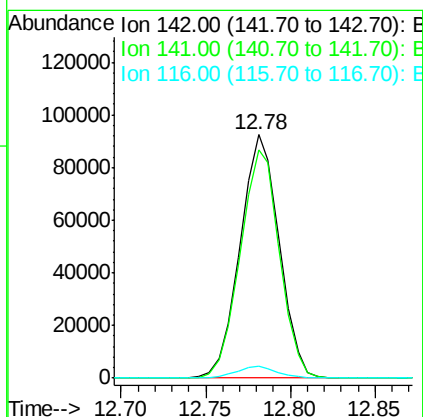
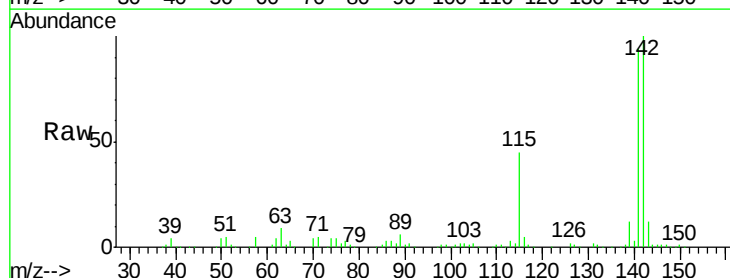
Instrument :
 BNA_G
 ClientSampleId :
 G9C88DL

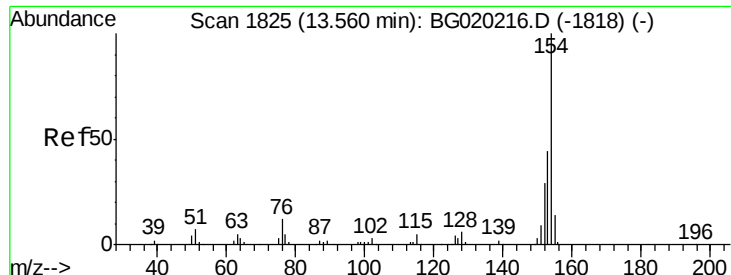
Tgt Ion:142 Resp: 187549
 Ion Ratio Lower Upper
 142 100
 141 92.4 74.9 112.3



#35
 1-Methylnaphthalene
 Concen: 38.60 ng/ul
 RT: 12.78 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG020221.D
 Acq: 16 Dec 2015 13:27

Tgt Ion:142 Resp: 148345
 Ion Ratio Lower Upper
 142 100
 141 94.0 73.0 109.6
 116 4.7 3.0 4.6#

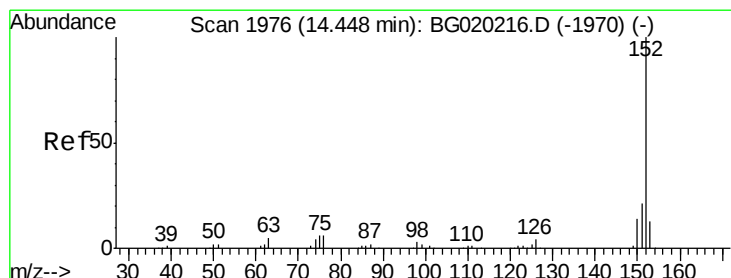
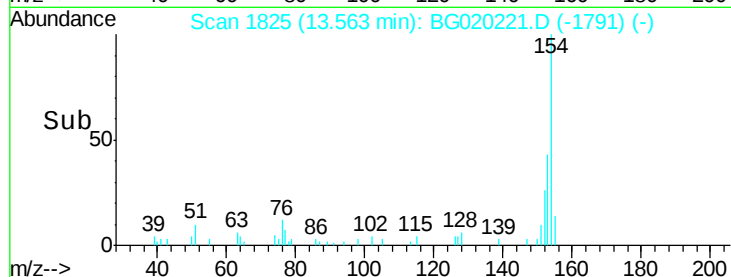
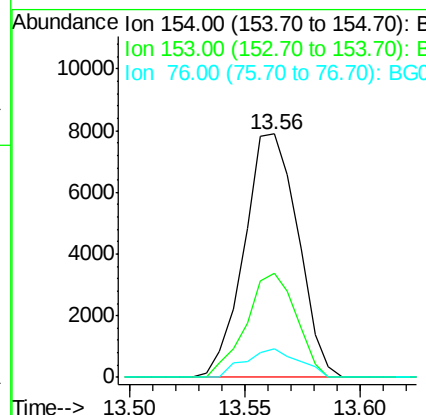
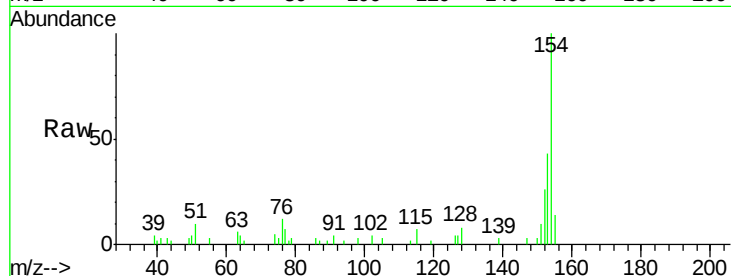




#41
 1,1'-Biphenyl
 Concen: 2.26 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG020221.D
 Acq: 16 Dec 2015 13:27

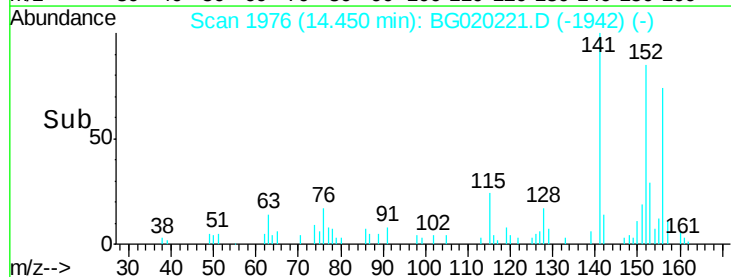
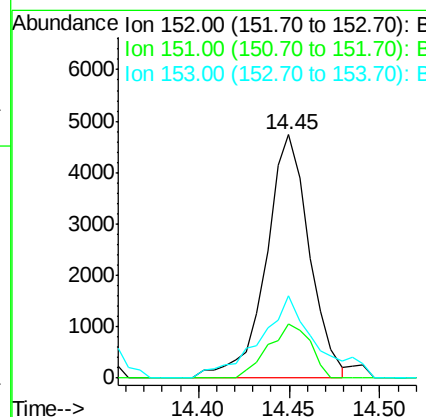
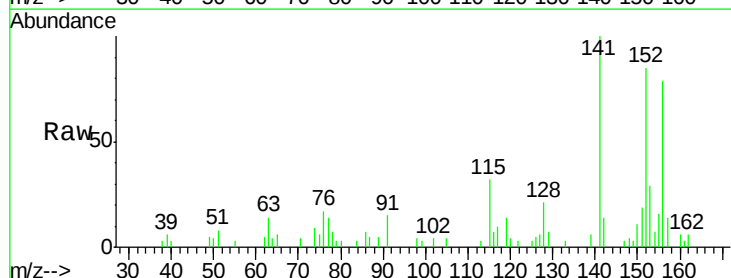
Instrument :
 BNA_G
 ClientSampleId :
 G9C88DL

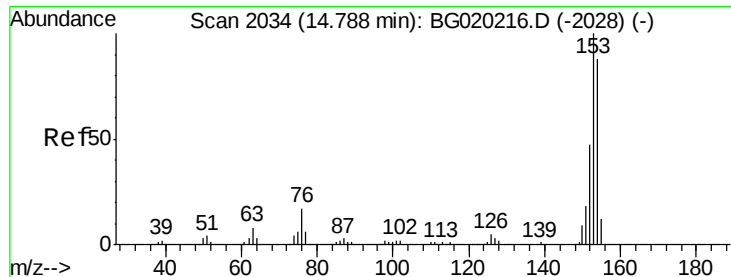
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	35.5	53.3
76	11.7	10.4	15.6



#48
 Acenaphthylene
 Concen: 1.05 ng/ul
 RT: 14.45 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG020221.D
 Acq: 16 Dec 2015 13:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.4	24.6
153	34.0	10.4	15.6





#50

Acenaphthene

Concen: 7.24 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020221.D

Acq: 16 Dec 2015 13:27

Instrument :

BNA_G

ClientSampleId :

G9C88DL

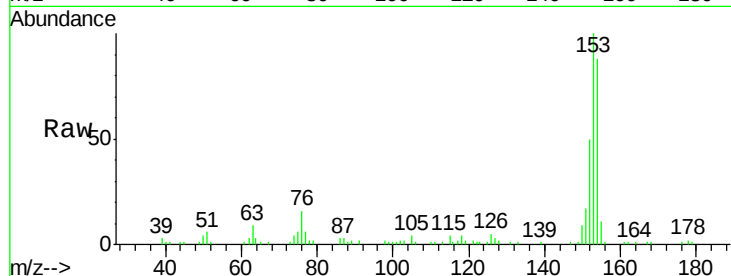
Tgt Ion:153 Resp: 36537

Ion Ratio Lower Upper

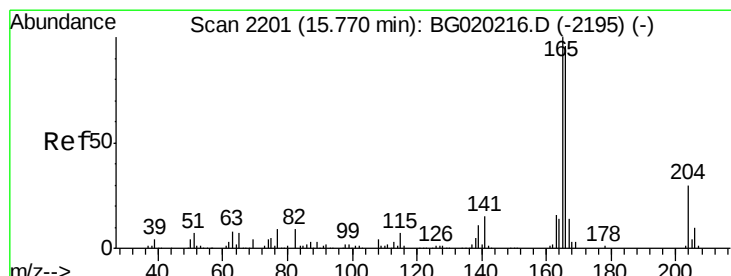
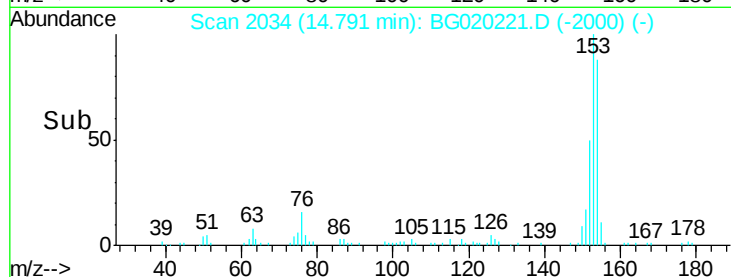
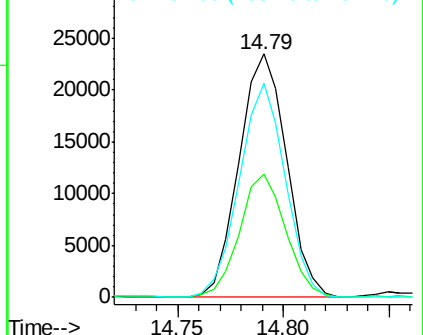
153 100

152 50.5 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



#59

Fluorene

Concen: 2.54 ng/ul

RT: 15.77 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG020221.D

Acq: 16 Dec 2015 13:27

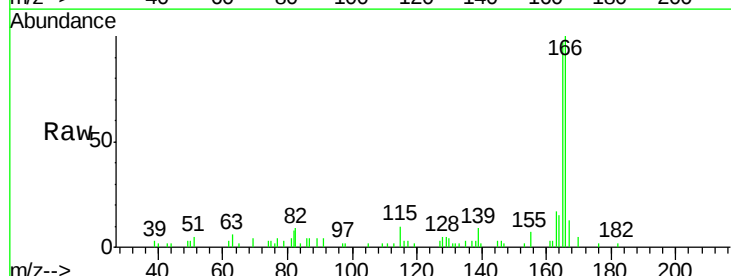
Tgt Ion:166 Resp: 15334

Ion Ratio Lower Upper

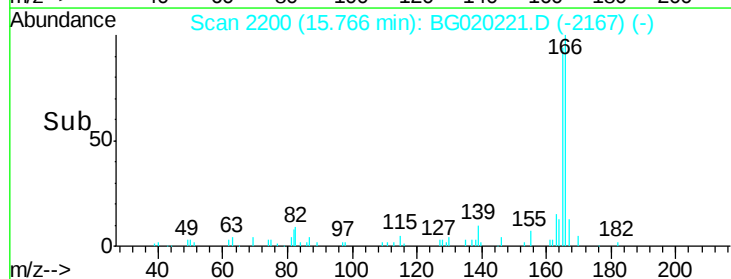
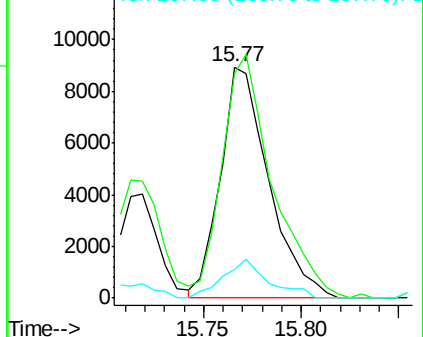
166 100

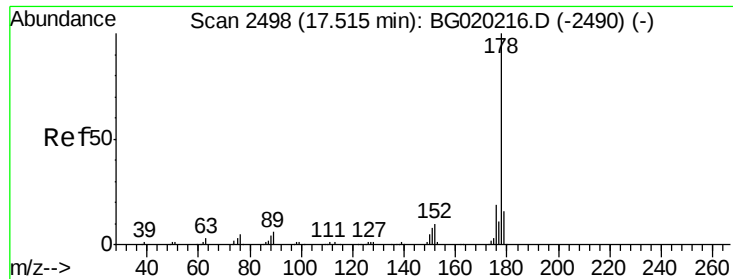
165 97.2 81.4 122.0

167 12.6 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: 3.06 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020221.D

Acq: 16 Dec 2015 13:27

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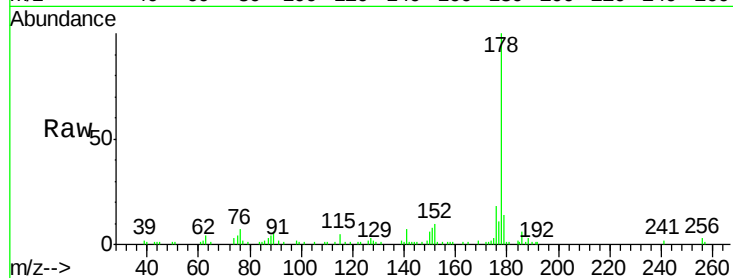
Tgt Ion:178 Resp: 32439

Ion Ratio Lower Upper

178 100

179 14.4 12.9 19.3

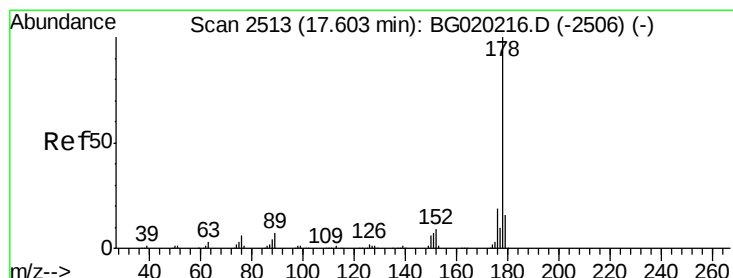
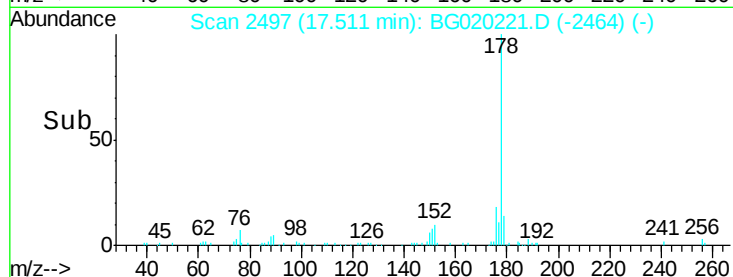
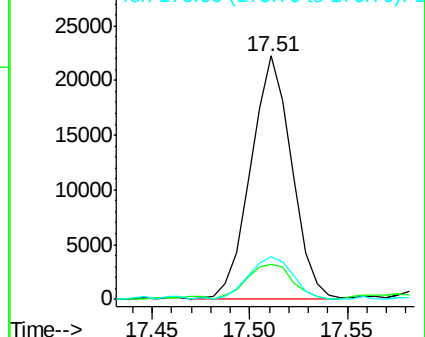
176 17.6 15.3 22.9



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: 3.02 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.09 min

Lab File: BG020221.D

Acq: 16 Dec 2015 13:27

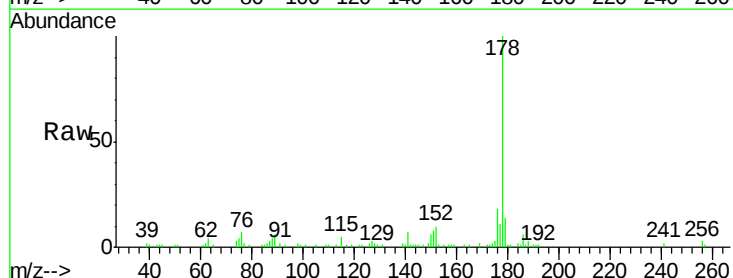
Tgt Ion:178 Resp: 32439

Ion Ratio Lower Upper

178 100

179 14.4 12.3 18.5

176 17.6 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

