

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020219.D
 Acq On : 16 Dec 2015 11:19
 Operator : UM/SJ
 Sample : G4786-09DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BQ4DL

Quant Time: Dec 17 00:42:10 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	17911	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	78309	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	58956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	155153	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	171123	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	164057	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	1169	0.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	3183	3.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	3375	2.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	2650	1.96	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	2669	4.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	2365	3.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	4724	3.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	202	0.13	ng/ul	0.02
44) Dimethylphthalate-d6	14.13	166	19818	4.16	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	23084	4.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	602	0.70	ng/ul	0.00
58) Fluorene-d10	15.71	176	19202	4.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	2571	2.80	ng/ul	0.00
71) Anthracene-d10	17.57	188	31711	4.44	ng/ul	0.00
79) Pyrene-d10	19.85	212	32919	4.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	30861	3.77	ng/ul	0.00

Target Compounds

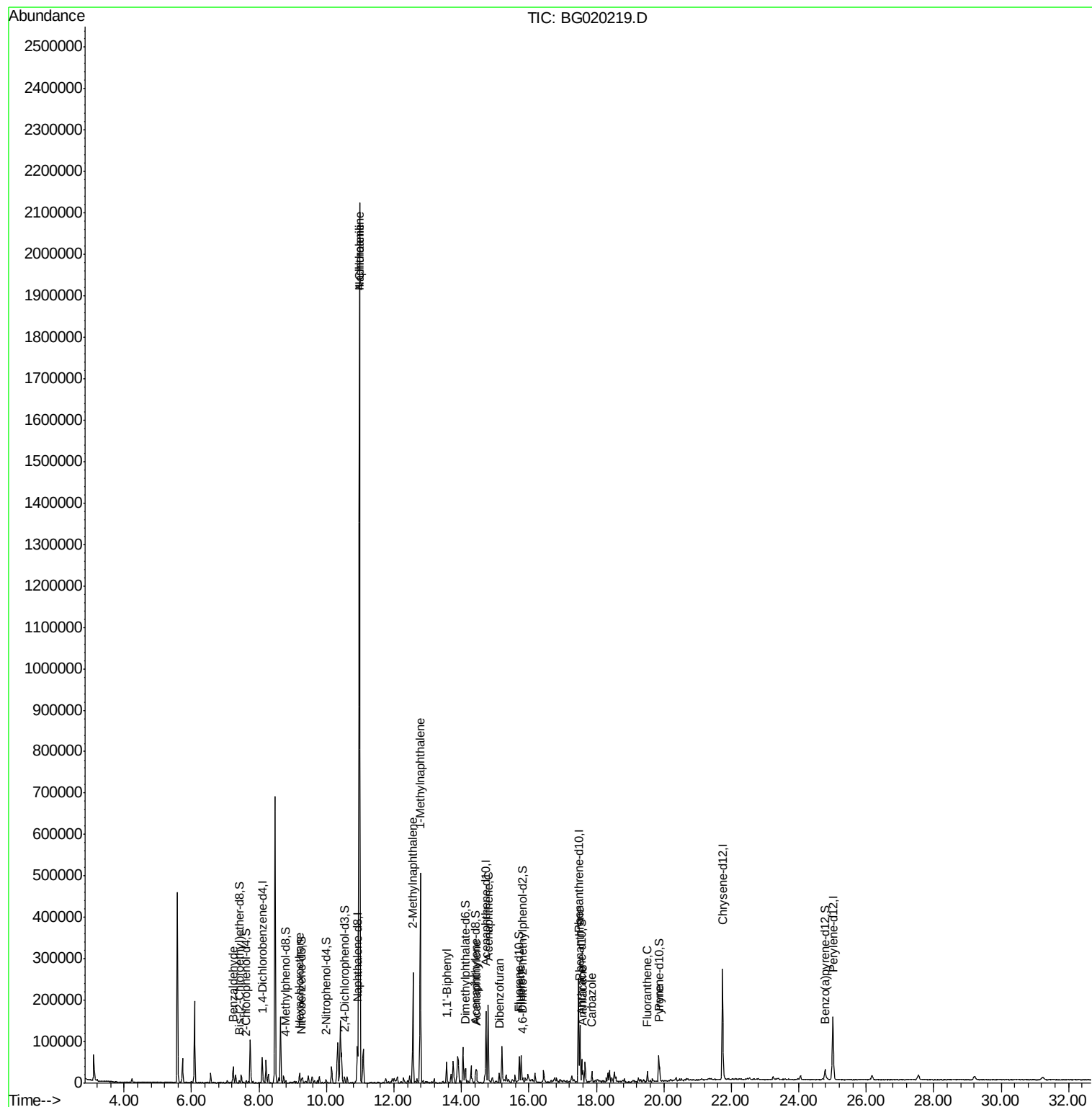
						Qvalue
4) Benzaldehyde	7.23	77	3227	3.16	ng/ul#	1
17) Hexachloroethane	9.21	117	2429	4.80	ng/ul#	1
28) Naphthalene	10.98	128	1851184	452.68	ng/ul#	92
30) 4-Chloroaniline	10.98	127	284695	180.45	ng/ul#	14
34) 2-Methylnaphthalene	12.56	142	122181	39.11	ng/ul	100
35) 1-Methylnaphthalene	12.78	142	230369	76.71	ng/ul	96
41) 1,1'-Biphenyl	13.56	154	24831	5.58	ng/ul	99
48) Acenaphthylene	14.45	152	6259	1.06	ng/ul#	67
50) Acenaphthene	14.79	153	78556	19.81	ng/ul	97
54) Dibenzofuran	15.13	168	8044	1.36	ng/ul	94
59) Fluorene	15.77	166	29934	6.32	ng/ul	96
70) Phenanthrene	17.51	178	84876	10.00	ng/ul	97
72) Anthracene	17.60	178	17461	2.03	ng/ul	98
75) Carbazole	17.87	167	15327	2.12	ng/ul#	95
77) Fluoranthene	19.51	202	15616	1.57	ng/ul	98
80) Pyrene	19.87	202	23948	2.31	ng/ul	97

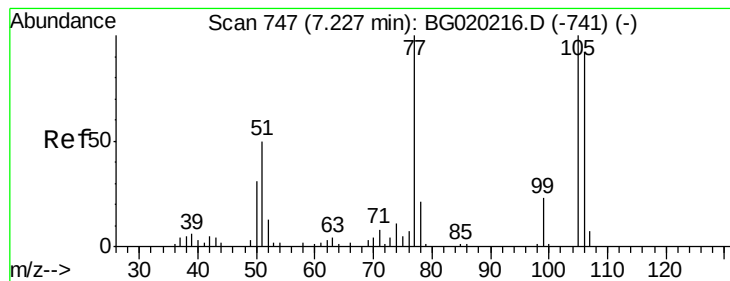
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.16 ng/ul

RT: 7.23 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

Instrument :

BNA_G

ClientSampleId :

G9BQ4DL

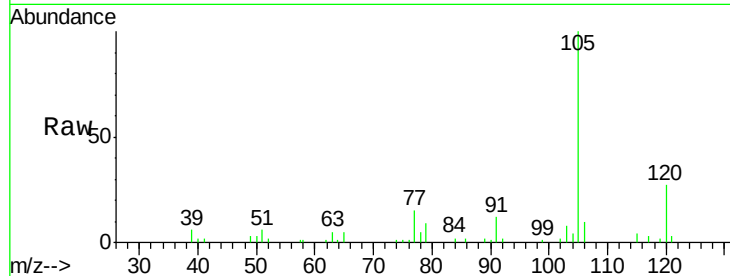
Tgt Ion: 77 Resp: 3227

Ion Ratio Lower Upper

77 100

105 665.4 77.8 116.6#

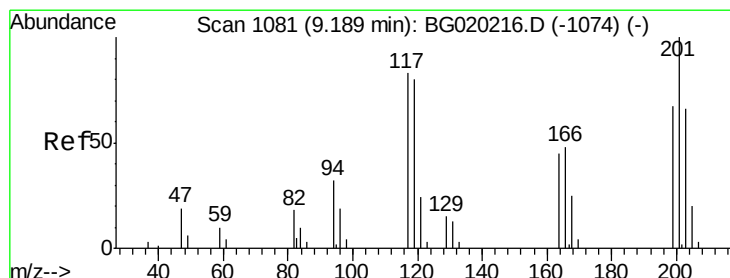
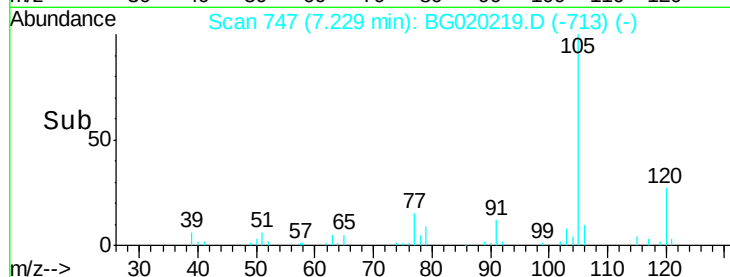
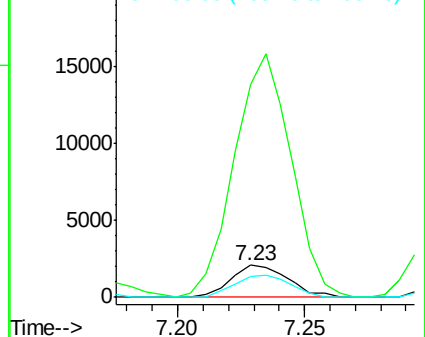
106 66.9 72.6 109.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#17

Hexachloroethane

Concen: 4.80 ng/ul

RT: 9.21 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

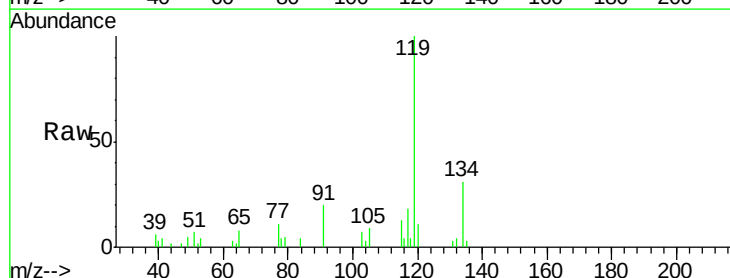
Tgt Ion: 117 Resp: 2429

Ion Ratio Lower Upper

117 100

201 0.0 102.7 154.1#

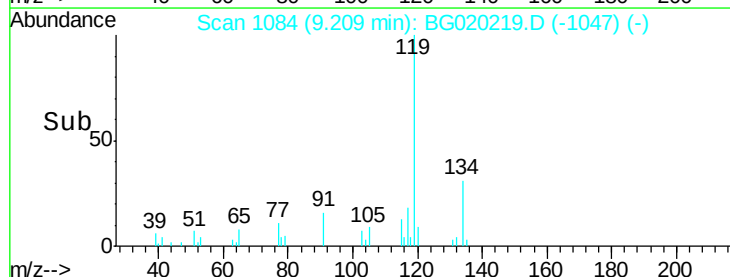
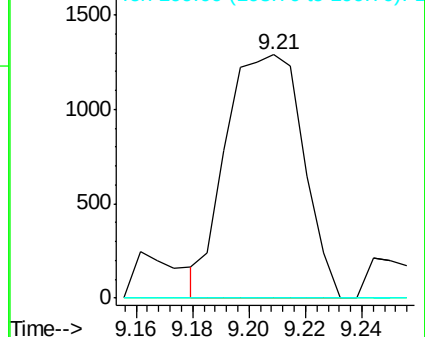
199 0.0 65.8 98.8#

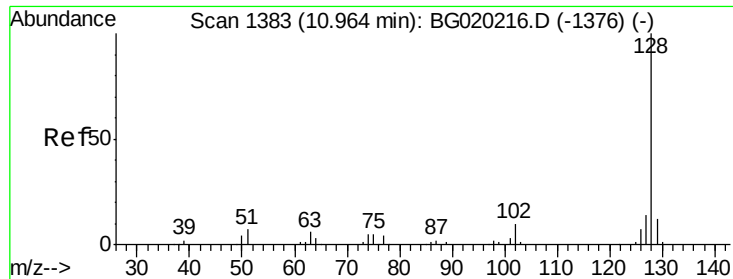


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#28

Naphthalene

Concen: 452.68 ng/ul

RT: 10.98 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

Instrument :

BNA_G

ClientSampleId :

G9BQ4DL

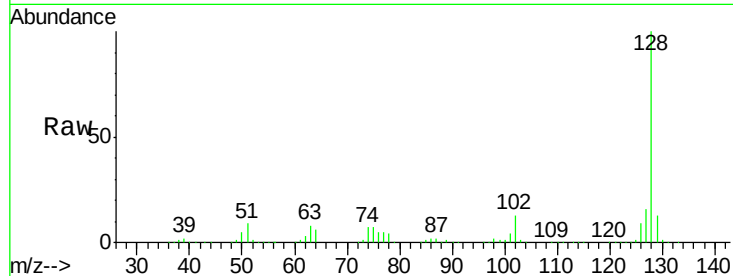
Tgt Ion:128 Resp: 1851184

Ion Ratio Lower Upper

128 100

129 13.2 8.6 12.8#

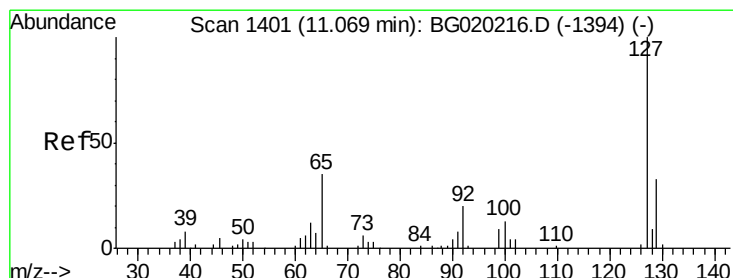
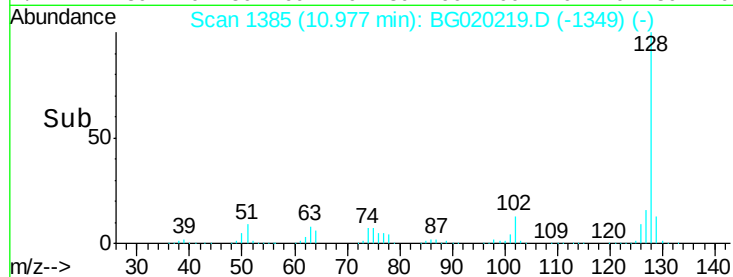
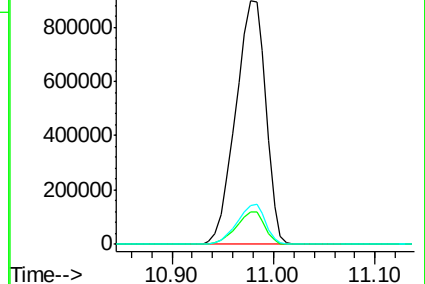
127 16.2 10.1 15.1#



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: 180.45 ng/ul

RT: 10.98 min Scan# 1386

Delta R.T. -0.09 min

Lab File: BG020219.D

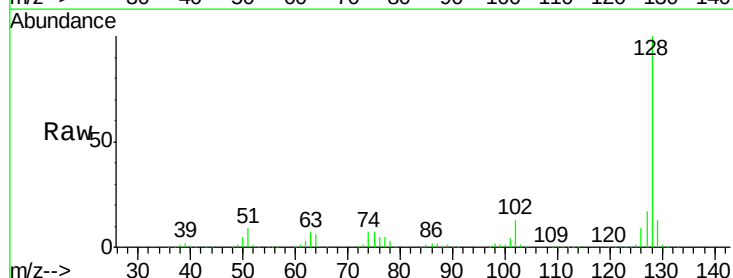
Acq: 16 Dec 2015 11:19

Tgt Ion:127 Resp: 284695

Ion Ratio Lower Upper

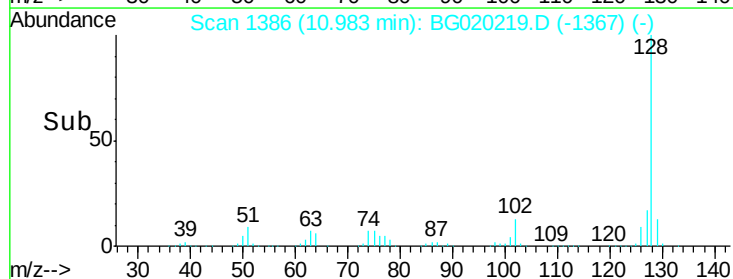
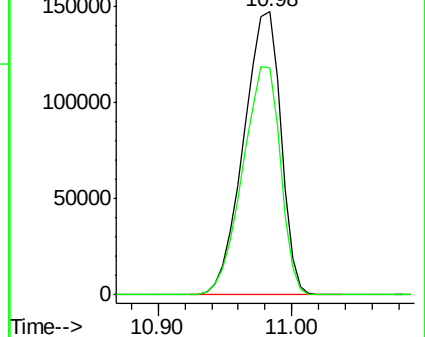
127 100

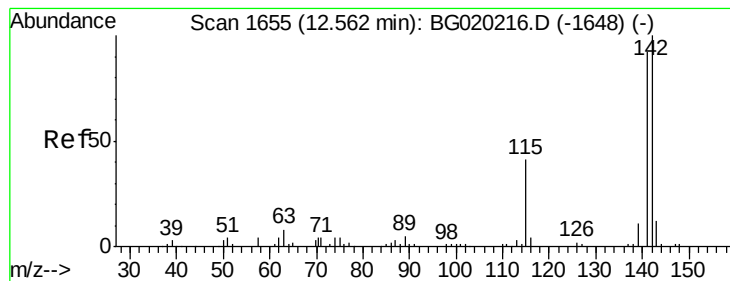
129 80.0 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 39.11 ng/ul

RT: 12.56 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

Instrument :

BNA_G

ClientSampleId :

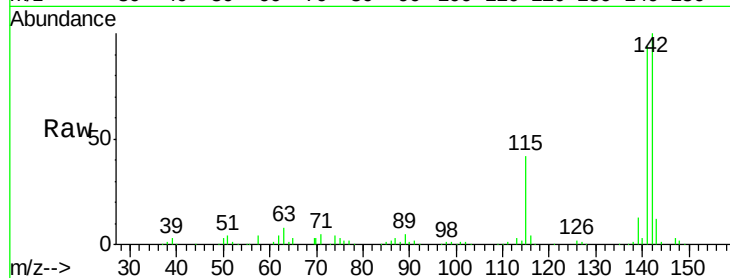
G9BQ4DL

Tgt Ion:142 Resp: 122181

Ion Ratio Lower Upper

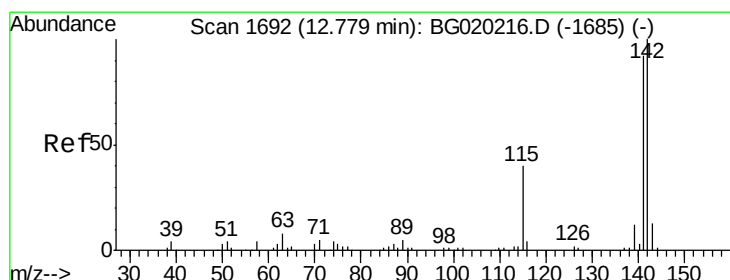
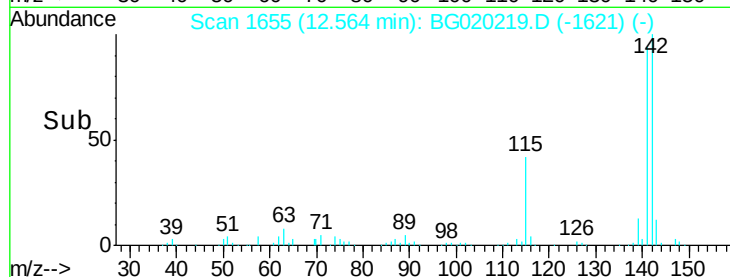
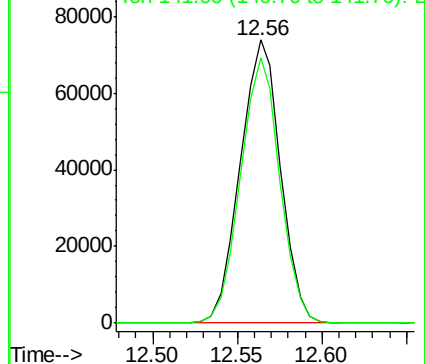
142 100

141 93.9 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 76.71 ng/ul

RT: 12.78 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

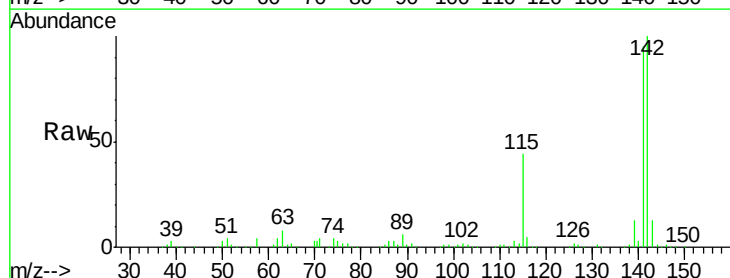
Tgt Ion:142 Resp: 230369

Ion Ratio Lower Upper

142 100

141 94.9 73.0 109.6

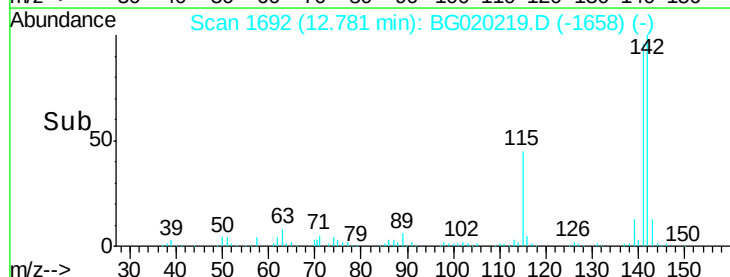
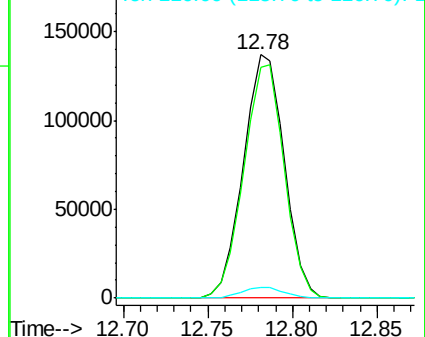
116 4.5 3.0 4.6

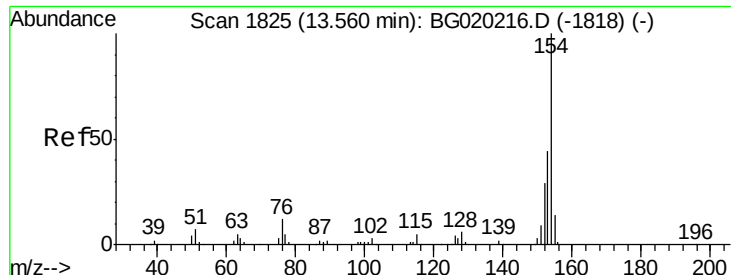


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

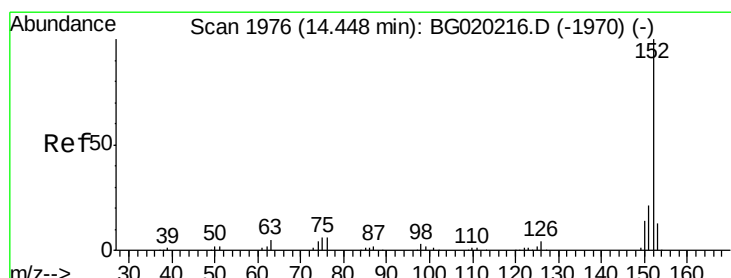
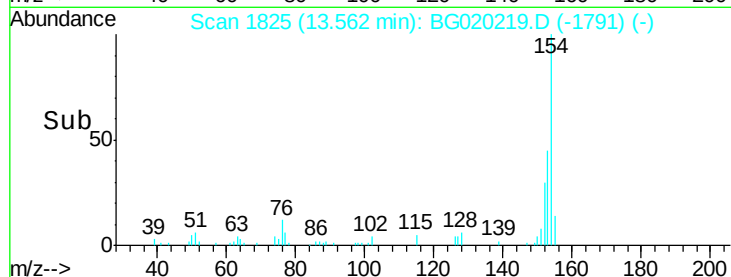
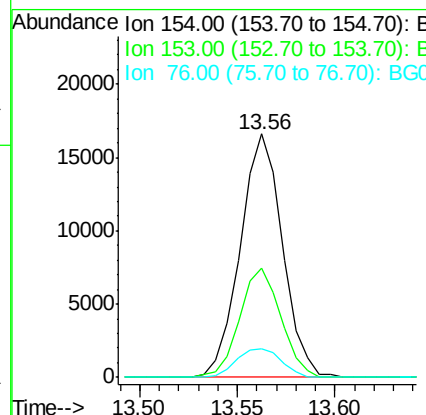
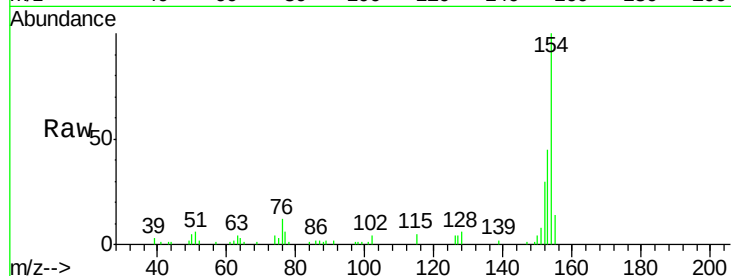




#41
 1,1'-Biphenyl
 Concen: 5.58 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG020219.D
 Acq: 16 Dec 2015 11:19

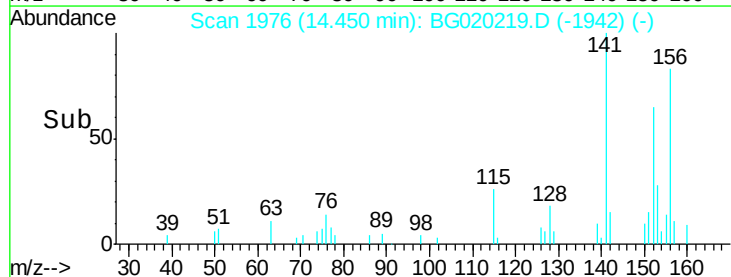
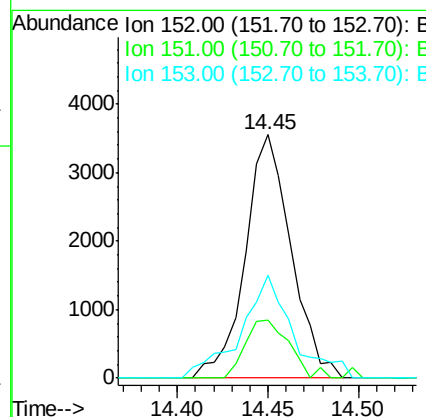
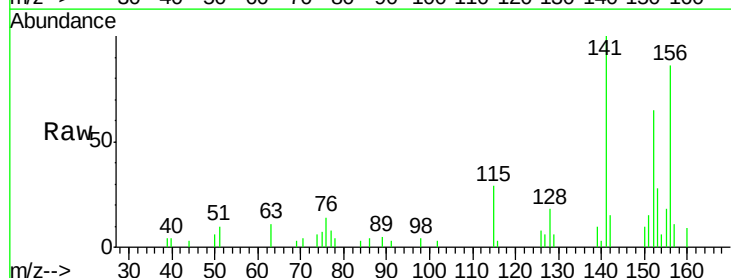
Instrument :
 BNA_G
 ClientSampleId :
 G9BQ4DL

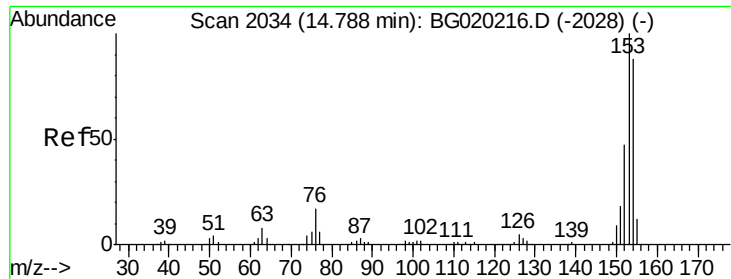
Tgt Ion:154 Resp: 24831
 Ion Ratio Lower Upper
 154 100
 153 44.9 35.5 53.3
 76 11.7 10.4 15.6



#48
 Acenaphthylene
 Concen: 1.06 ng/ul
 RT: 14.45 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG020219.D
 Acq: 16 Dec 2015 11:19

Tgt Ion:152 Resp: 6259
 Ion Ratio Lower Upper
 152 100
 151 23.8 16.4 24.6
 153 42.3 10.4 15.6#





#50

Acenaphthene

Concen: 19.81 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

Instrument :

BNA_G

ClientSampleId :

G9BQ4DL

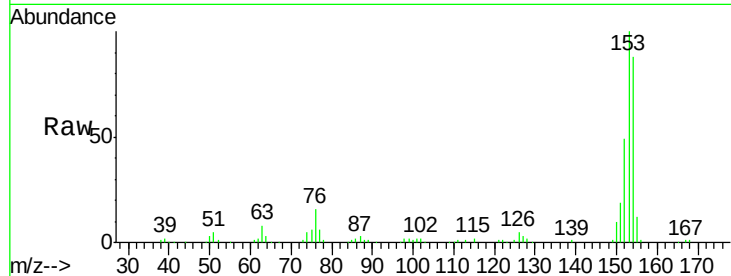
Tgt Ion:153 Resp: 78556

Ion Ratio Lower Upper

153 100

152 49.4 37.6 56.4

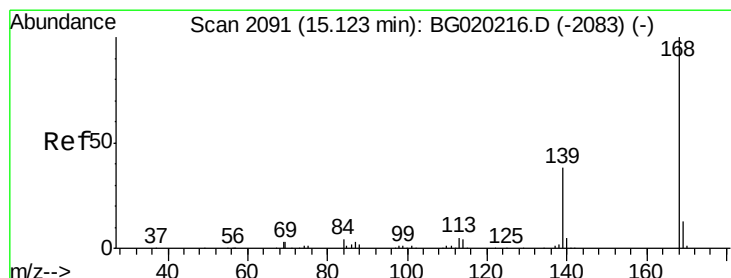
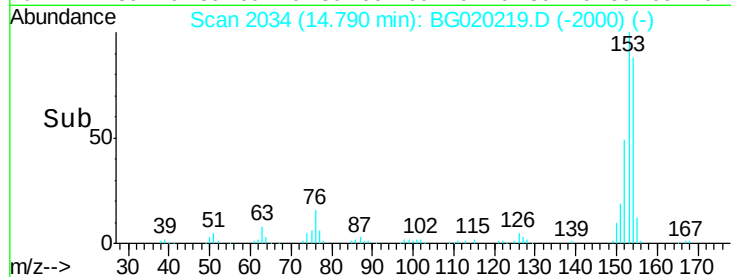
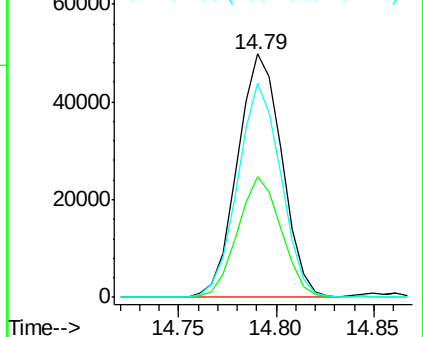
154 87.9 67.9 101.9



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: 1.36 ng/ul

RT: 15.13 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BG020219.D

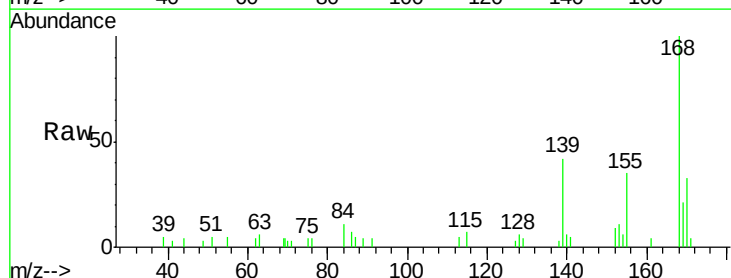
Acq: 16 Dec 2015 11:19

Tgt Ion:168 Resp: 8044

Ion Ratio Lower Upper

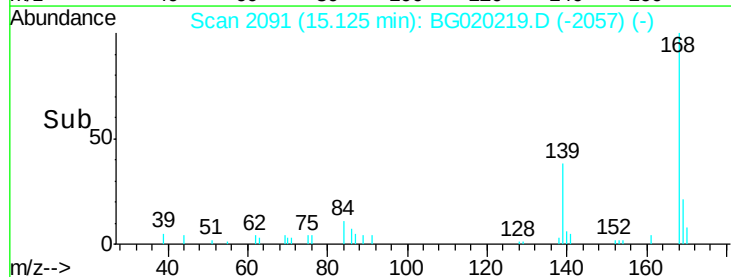
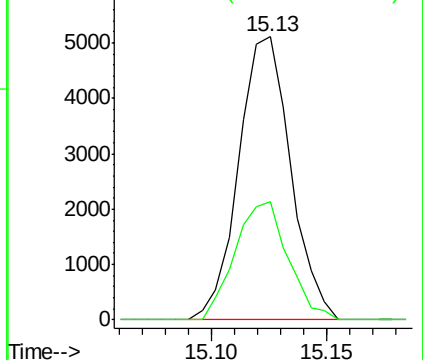
168 100

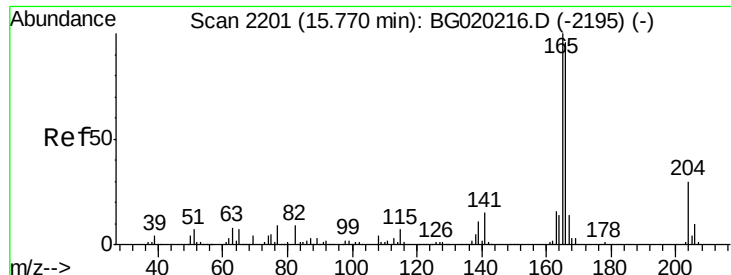
139 41.7 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

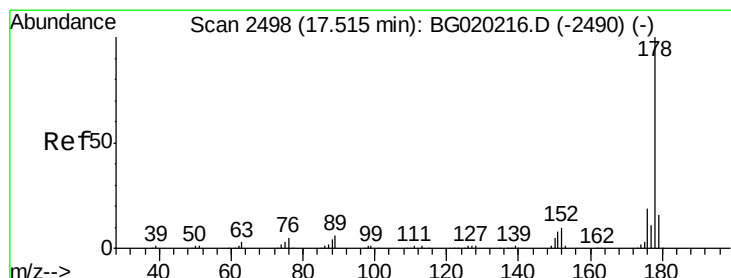
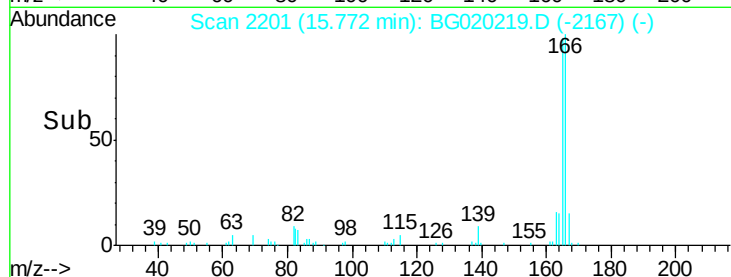
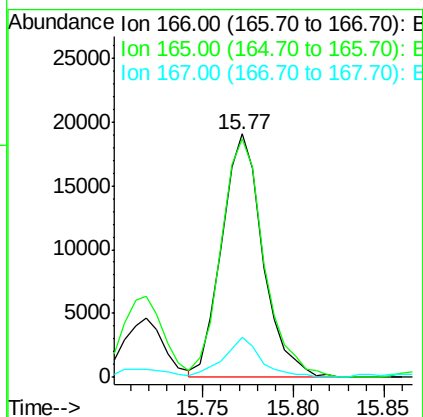
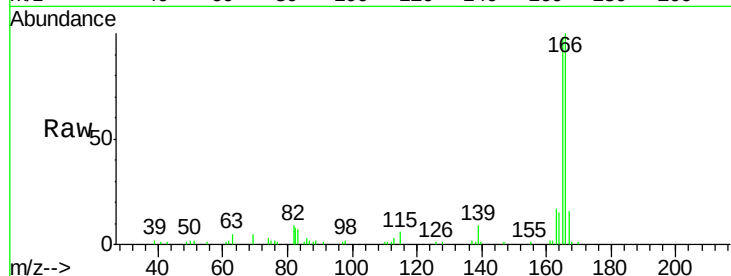




#59
 Fluorene
 Concen: 6.32 ng/ul
 RT: 15.77 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG020219.D
 Acq: 16 Dec 2015 11:19

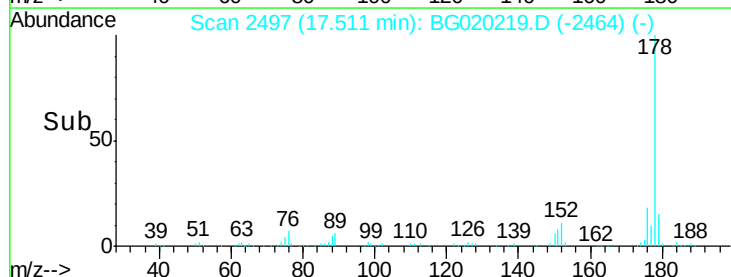
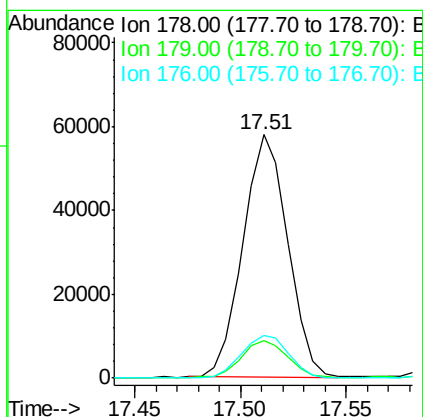
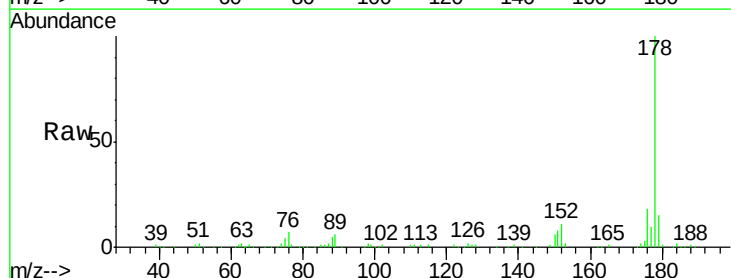
Instrument :
 BNA_G
 ClientSampleId :
 G9BQ4DL

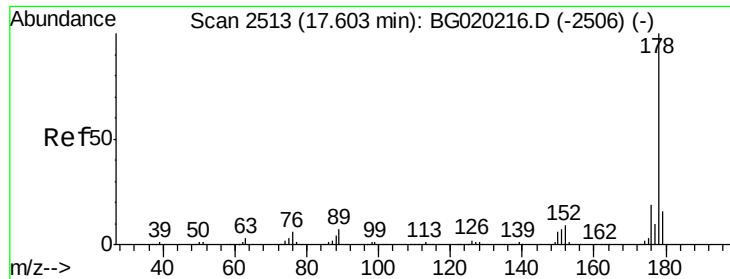
Tgt Ion:166 Resp: 29934
 Ion Ratio Lower Upper
 166 100
 165 98.0 81.4 122.0
 167 16.4 11.2 16.8



#70
 Phenanthrene
 Concen: 10.00 ng/ul
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG020219.D
 Acq: 16 Dec 2015 11:19

Tgt Ion:178 Resp: 84876
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.9 19.3
 176 17.6 15.3 22.9





#72

Anthracene

Concen: 2.03 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

Instrument :

BNA_G

ClientSampleId :

G9BQ4DL

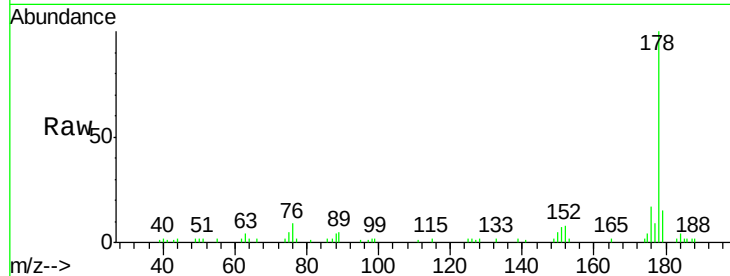
Tgt Ion:178 Resp: 17461

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

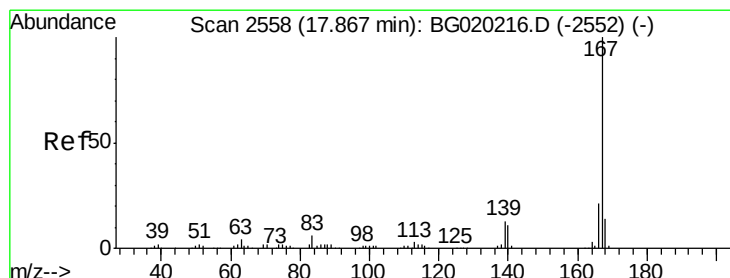
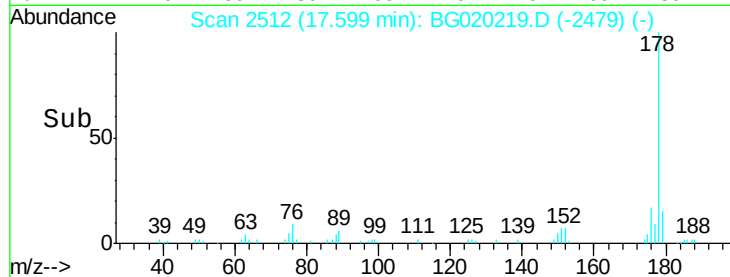
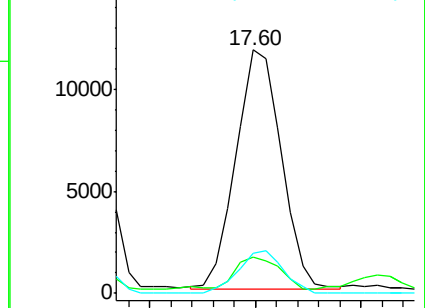
176 16.7 14.3 21.5



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: 2.12 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BG020219.D

Acq: 16 Dec 2015 11:19

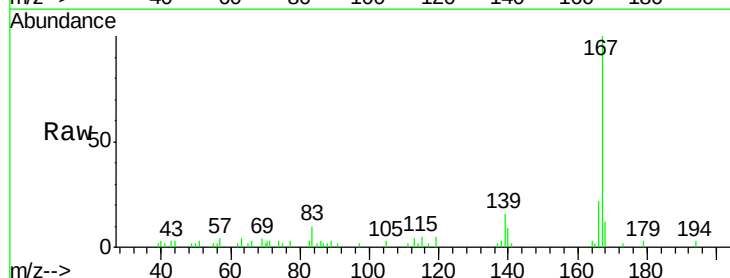
Tgt Ion:167 Resp: 15327

Ion Ratio Lower Upper

167 100

166 22.1 17.0 25.6

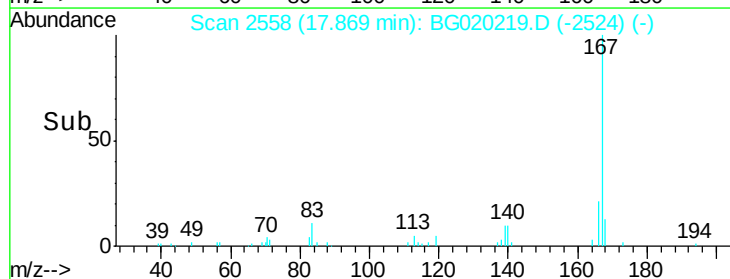
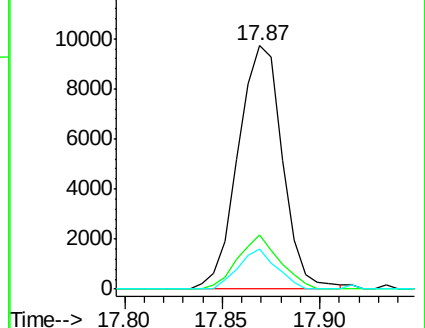
139 16.5 10.1 15.1#

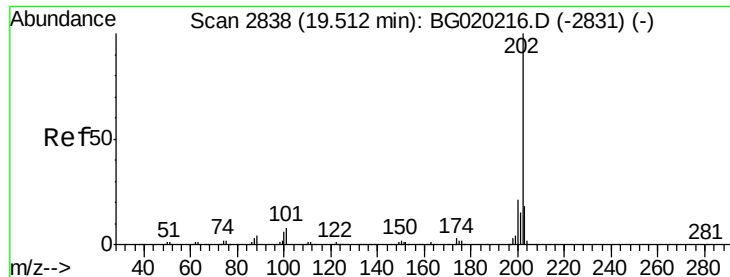


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

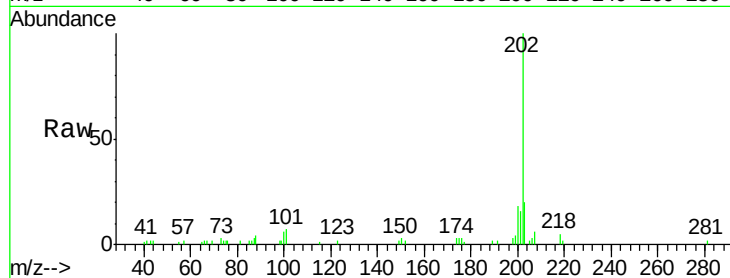




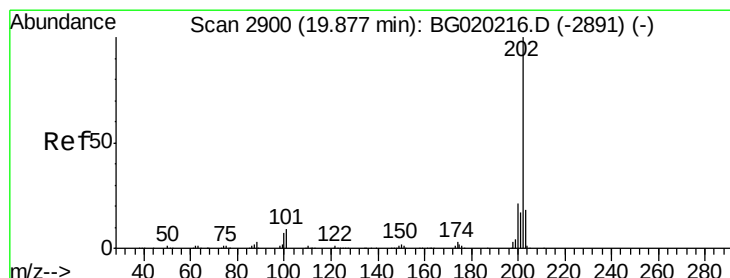
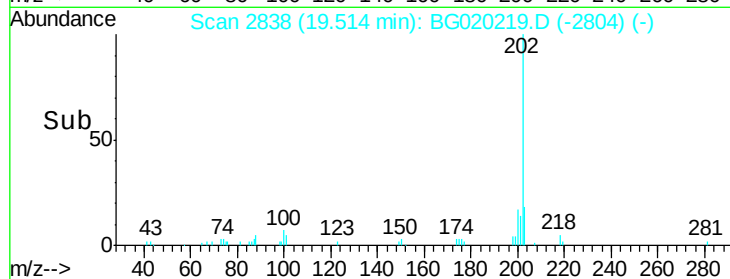
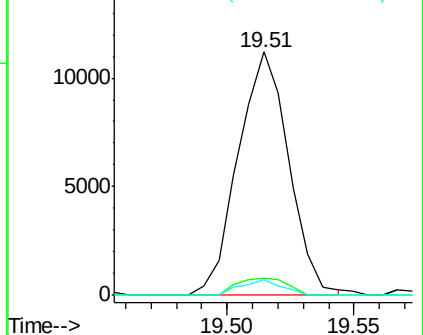
#77
 Fluoranthene
 Concen: 1.57 ng/ul
 RT: 19.51 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG020219.D
 Acq: 16 Dec 2015 11:19

Instrument :
 BNA_G
 ClientSampleId :
 G9BQ4DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.2	9.4
100	6.3	5.1	7.7

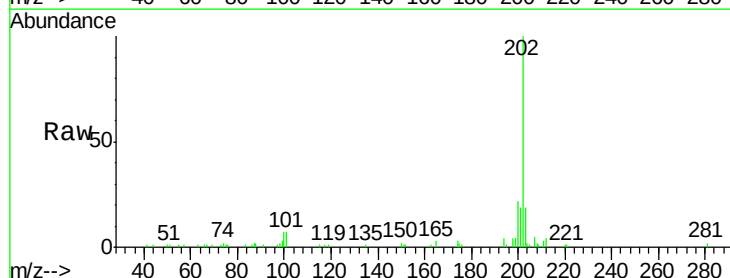


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



#80
 Pyrene
 Concen: 2.31 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: BG020219.D
 Acq: 16 Dec 2015 11:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	7.0	10.4
100	7.4	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

