

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020159.D
 Acq On : 14 Dec 2015 18:59
 Operator : UM/SJ
 Sample : G4767-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N31

Quant Time: Dec 15 04:27:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 04:25:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	21198	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	97259	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	71144	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	188443	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	207161	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	193855	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2331	6.07	ng/uL	0.00
5) Phenol-d5	7.24	99	60966	32.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	36296	32.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	46115	33.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	52431	32.80	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	24555	32.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	29910	35.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	55462	32.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	68861	35.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	197779	34.37	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	215986	32.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	33388	32.35	ng/ul	0.00
58) Fluorene-d10	15.72	176	166032	31.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	32023	28.67	ng/ul	0.00
71) Anthracene-d10	17.57	188	277414	31.95	ng/ul	0.00
79) Pyrene-d10	19.85	212	304653	31.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	318163	32.90	ng/ul	0.00

Target Compounds

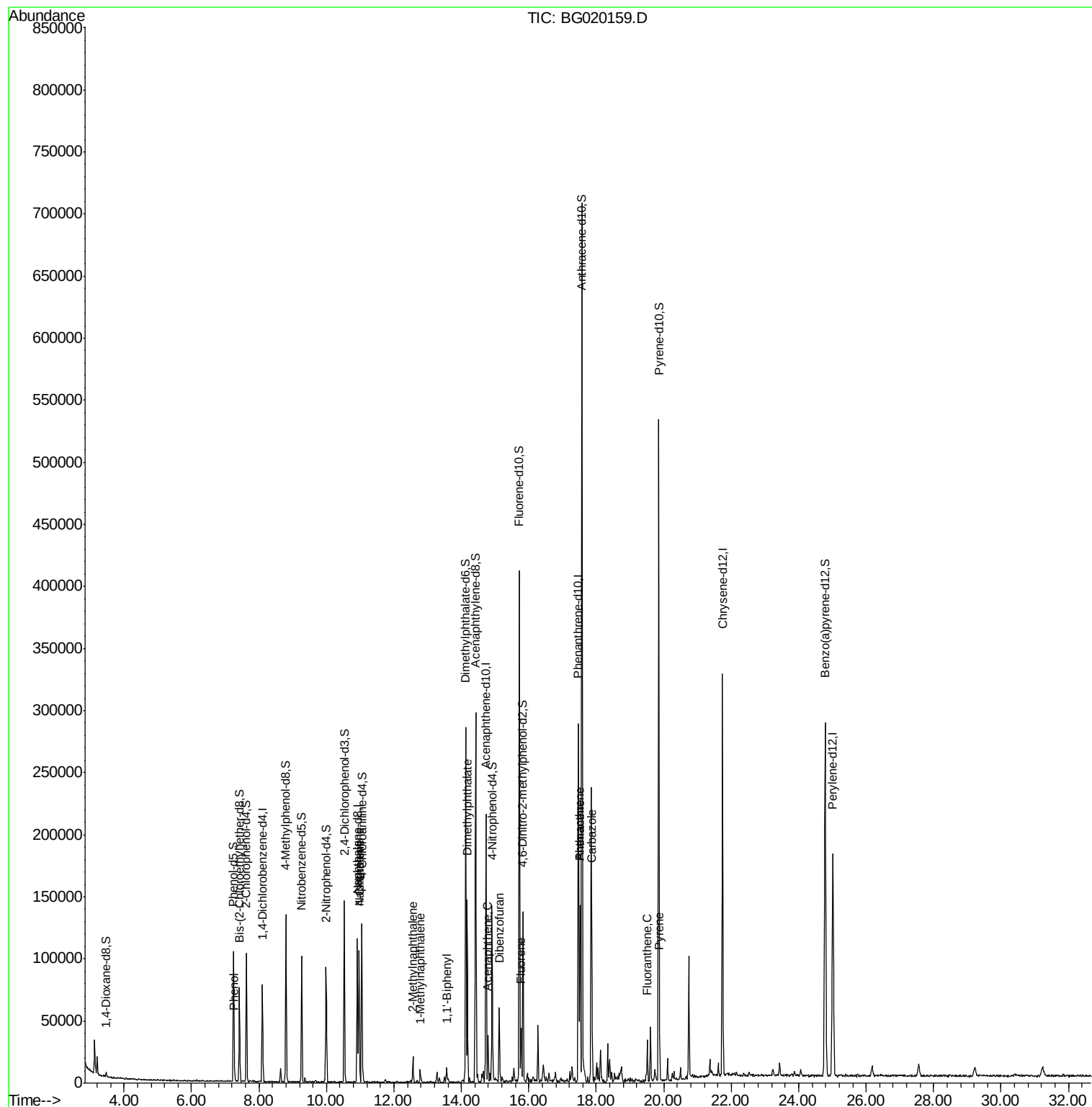
						Qvalue
6) Phenol	7.27	94	2377	1.19	ng/ul#	79
28) Naphthalene	10.97	128	91618	18.04	ng/ul	99
30) 4-Chloroaniline	10.96	127	12492	6.38	ng/ul#	24
34) 2-Methylnaphthalene	12.56	142	10515	2.71	ng/ul	96
35) 1-Methylnaphthalene	12.78	142	6304	1.69	ng/ul#	91
41) 1,1'-Biphenyl	13.56	154	6294	1.17	ng/ul	91
45) Dimethylphthalate	14.17	163	95278	16.21	ng/ul	98
50) Acenaphthene	14.79	153	15430	3.22	ng/ul	97
54) Dibenzofuran	15.12	168	38644	5.43	ng/ul	98
59) Fluorene	15.77	166	17706	3.10	ng/ul	93
70) Phenanthrene	17.51	178	92087	8.93	ng/ul	97
72) Anthracene	17.51	178	92087	8.81	ng/ul	99
75) Carbazole	17.87	167	42969	4.89	ng/ul	97
77) Fluoranthene	19.51	202	21850	1.81	ng/ul	98
80) Pyrene	19.88	202	16492	1.32	ng/ul#	97

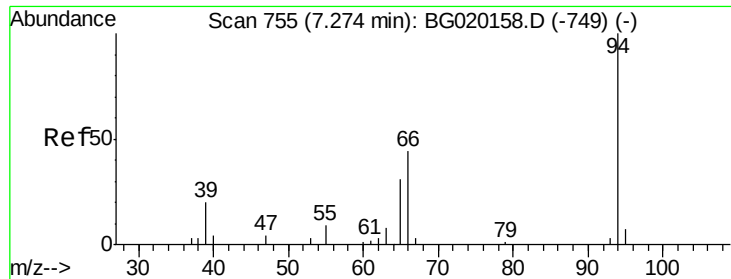
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 04:25:21 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.19 ng/ul

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG020159.D

Acq: 14 Dec 2015 18:59

Instrument :

BNA_G

ClientSampleId :

D9N31

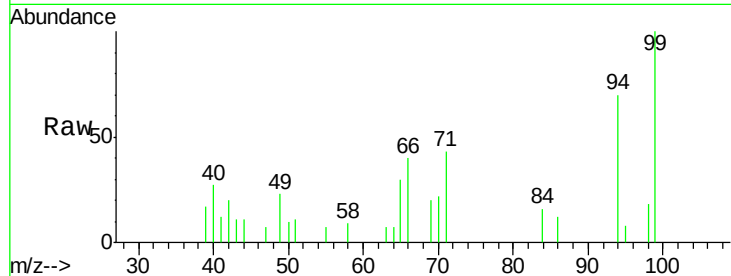
Tgt Ion: 94 Resp: 2377

Ion Ratio Lower Upper

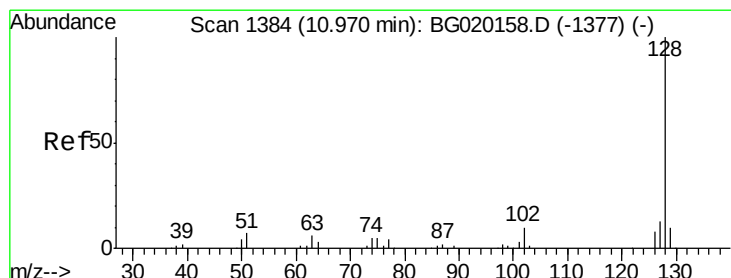
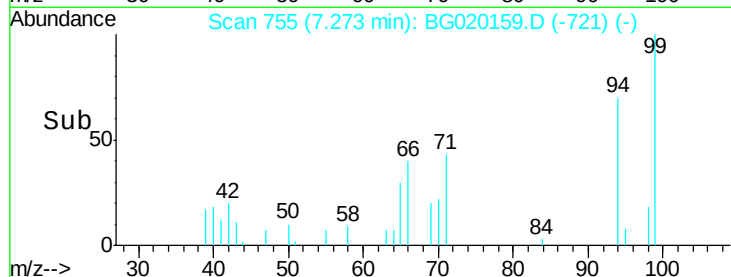
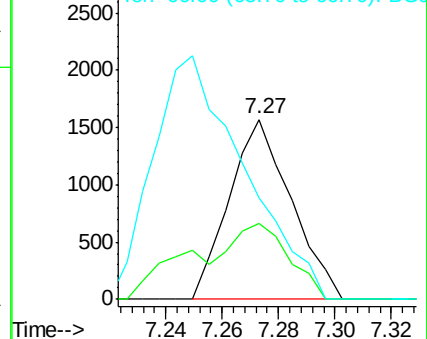
94 100

65 42.4 26.3 39.5#

66 56.7 33.3 49.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#28

Naphthalene

Concen: 18.04 ng/ul

RT: 10.97 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BG020159.D

Acq: 14 Dec 2015 18:59

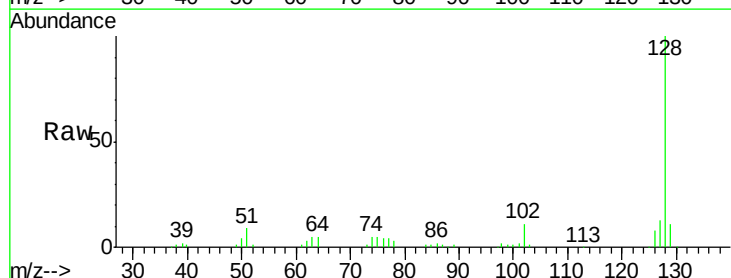
Tgt Ion: 128 Resp: 91618

Ion Ratio Lower Upper

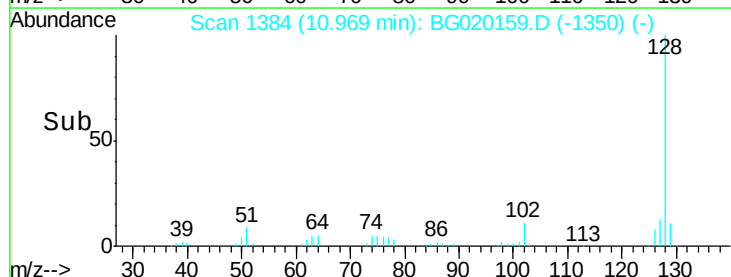
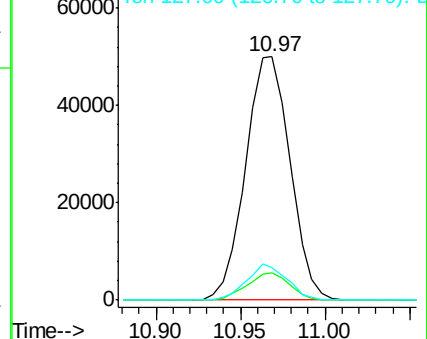
128 100

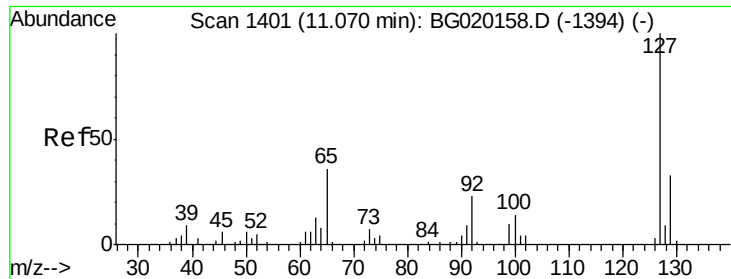
129 11.0 8.6 12.8

127 13.3 10.1 15.1



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

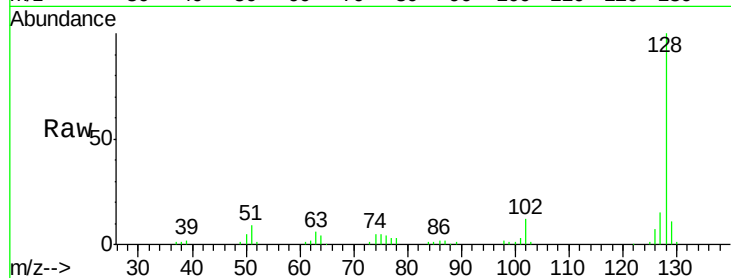




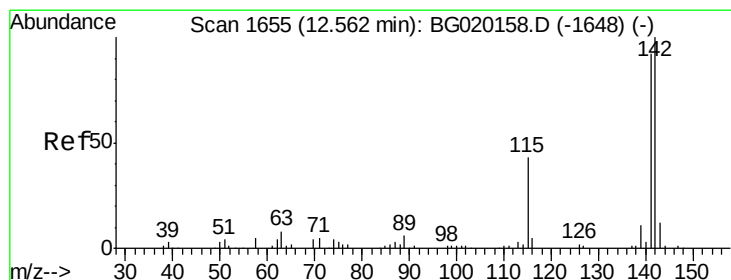
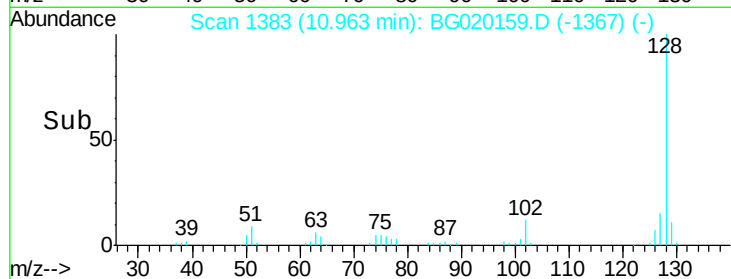
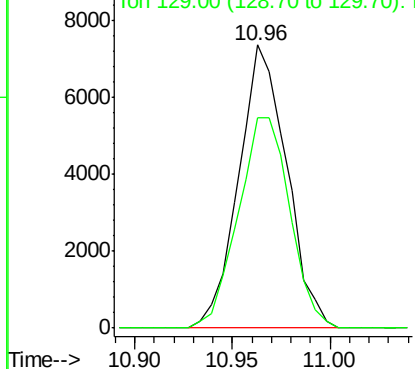
#30
4-Chloroaniline
Concen: 6.38 ng/ul
RT: 10.96 min Scan# 1383
Delta R.T. -0.11 min
Lab File: BG020159.D
Acq: 14 Dec 2015 18:59

Instrument :
BNA_G
ClientSampleId :
D9N31

Tgt Ion:127 Resp: 12492
Ion Ratio Lower Upper
127 100
129 74.3 25.7 38.5#

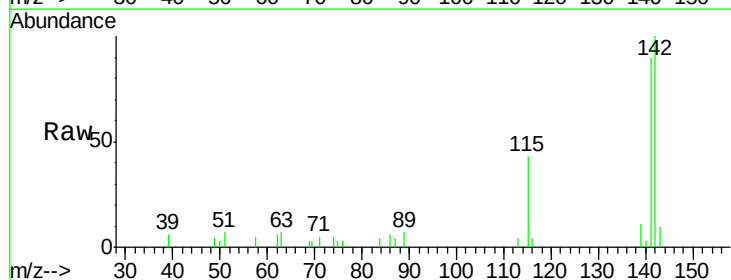


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

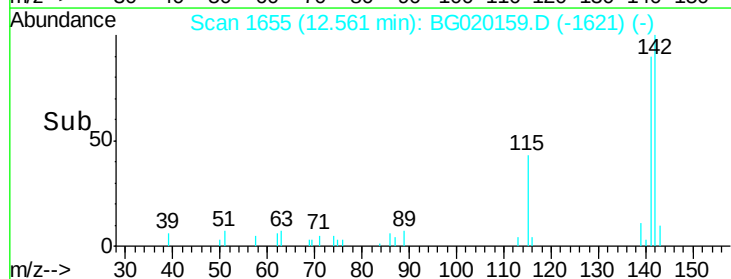
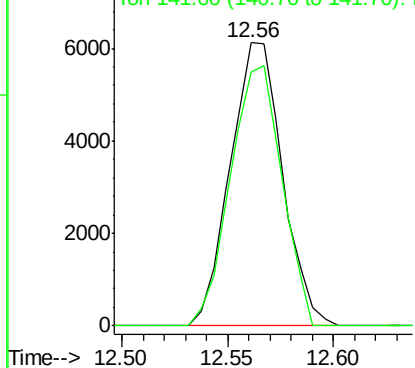


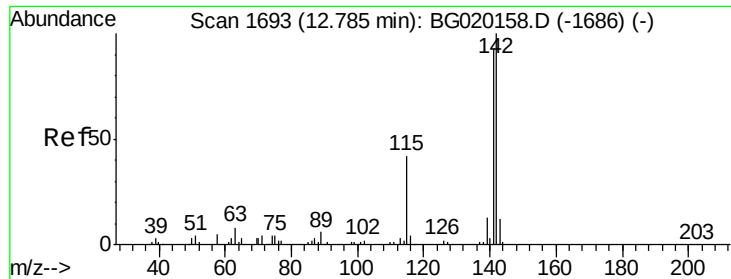
#34
2-Methylnaphthalene
Concen: 2.71 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG020159.D
Acq: 14 Dec 2015 18:59

Tgt Ion:142 Resp: 10515
Ion Ratio Lower Upper
142 100
141 89.5 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

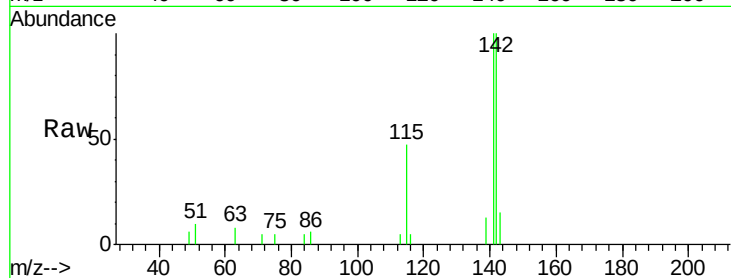




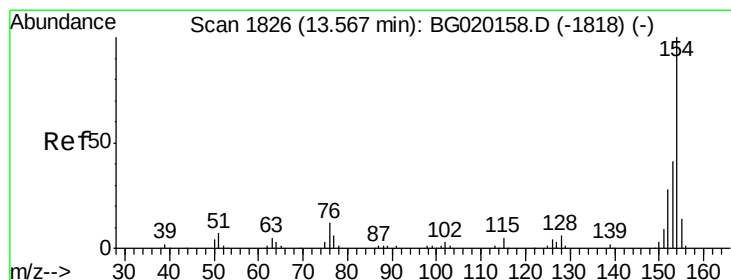
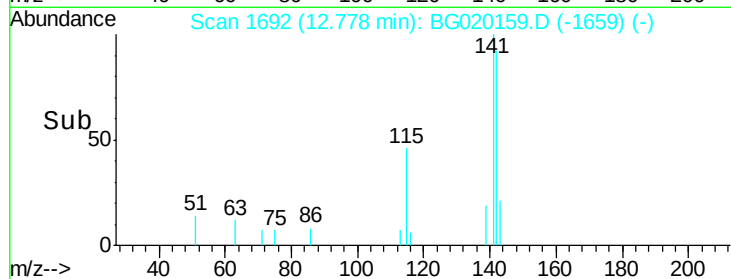
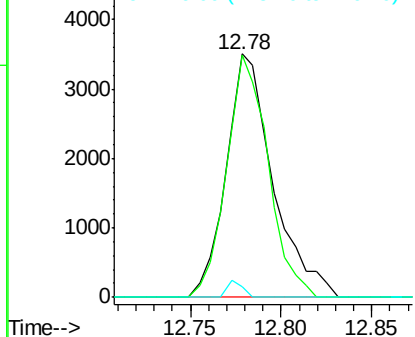
#35
 1-Methylnaphthalene
 Concen: 1.69 ng/ul
 RT: 12.78 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG020159.D
 Acq: 14 Dec 2015 18:59

Instrument :
 BNA_G
 ClientSampleId :
 D9N31

Tgt Ion:142 Resp: 6304
 Ion Ratio Lower Upper
 142 100
 141 99.7 73.0 109.6
 116 4.6 3.0 4.6#

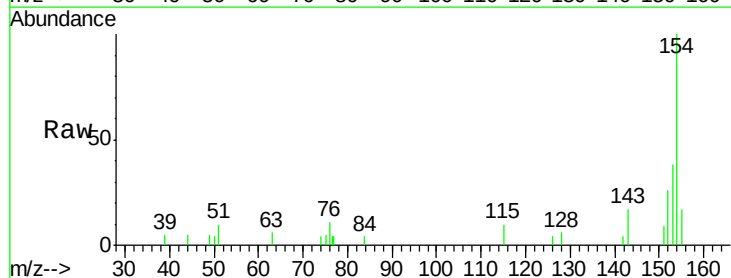


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

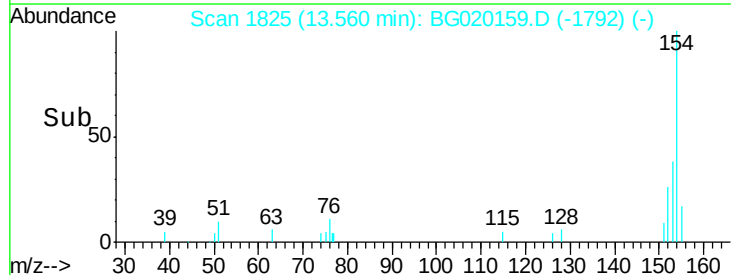
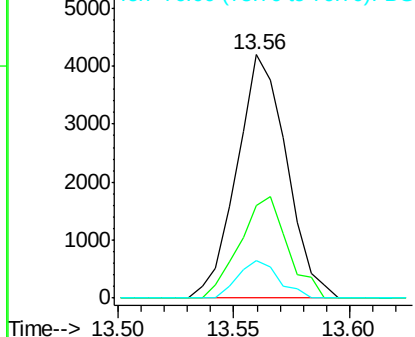


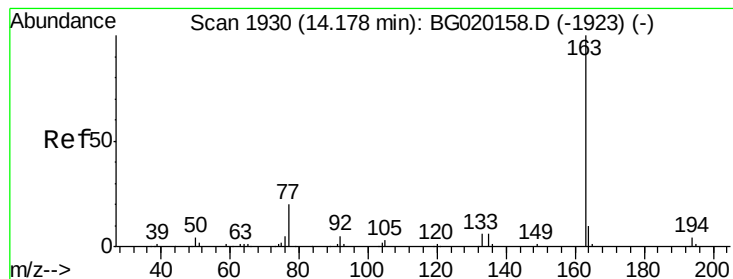
#41
 1,1'-Biphenyl
 Concen: 1.17 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BG020159.D
 Acq: 14 Dec 2015 18:59

Tgt Ion:154 Resp: 6294
 Ion Ratio Lower Upper
 154 100
 153 38.0 35.5 53.3
 76 15.4 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): BG





#45

Dimethylphthalate

Concen: 16.21 ng/ul

RT: 14.17 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG020159.D

Acq: 14 Dec 2015 18:59

Instrument :

BNA_G

ClientSampleId :

D9N31

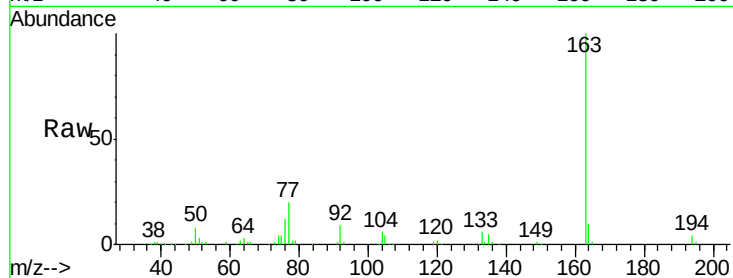
Tgt Ion:163 Resp: 95278

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

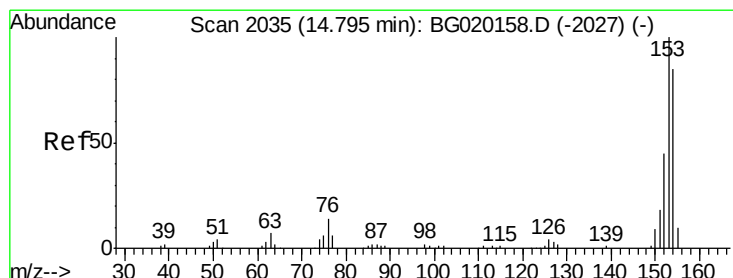
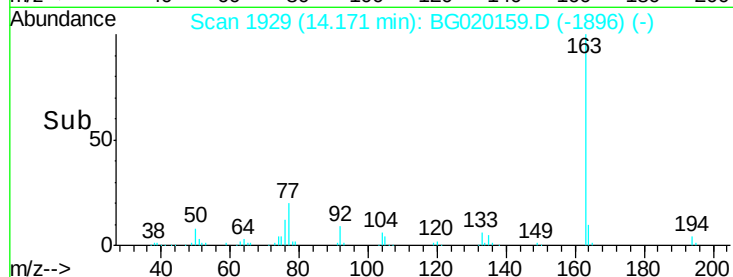
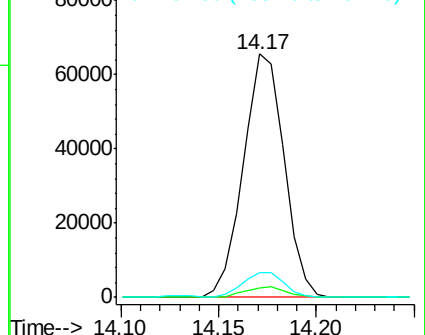
164 10.4 7.7 11.5



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: 3.22 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG020159.D

Acq: 14 Dec 2015 18:59

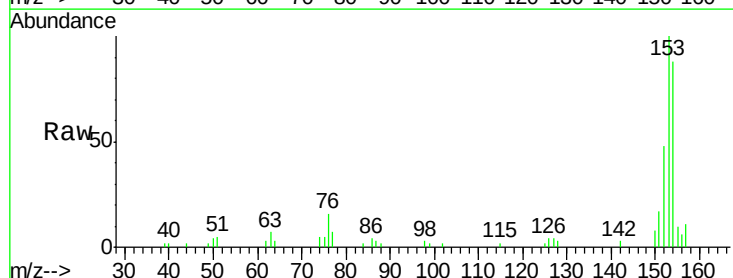
Tgt Ion:153 Resp: 15430

Ion Ratio Lower Upper

153 100

152 47.6 37.6 56.4

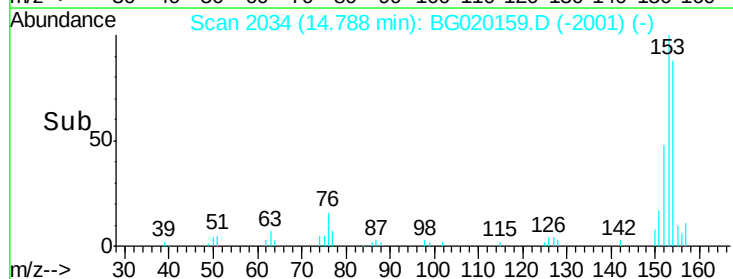
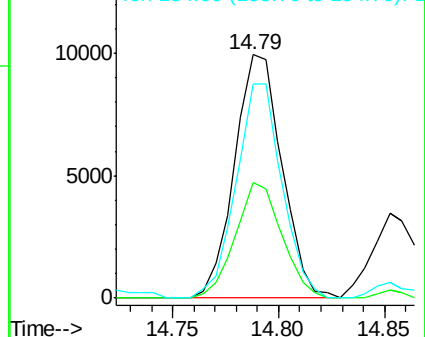
154 88.1 67.9 101.9

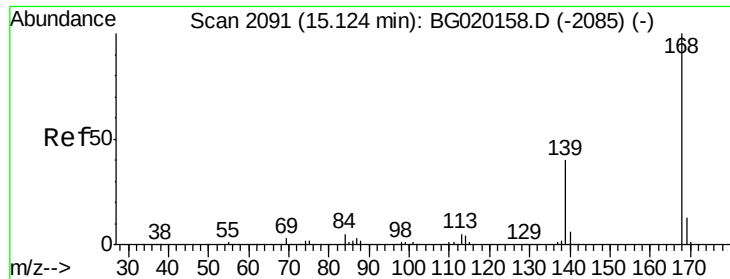


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

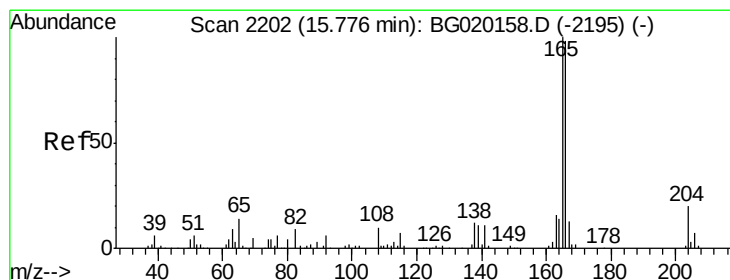
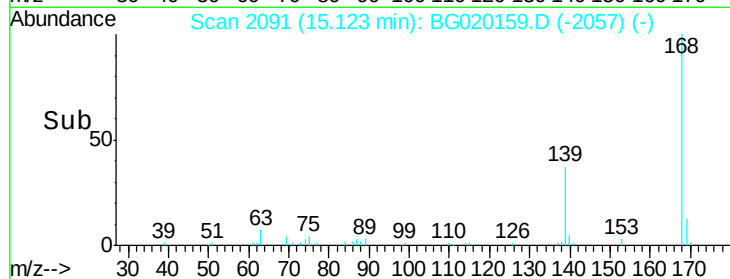
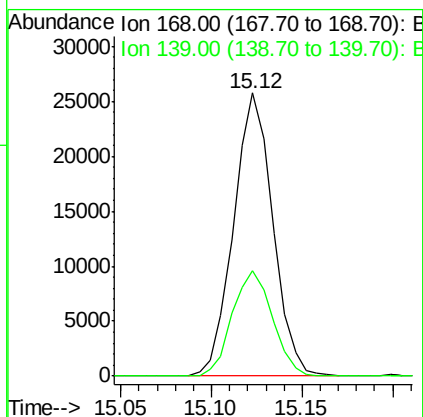
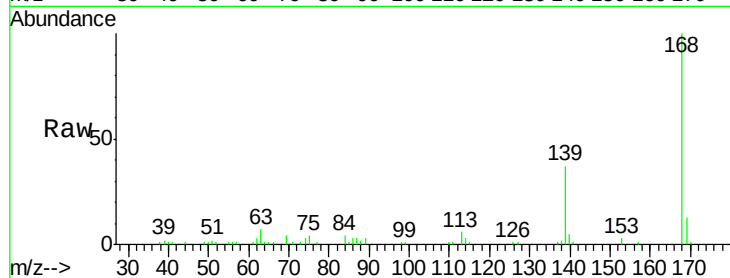




#54
Dibenzenofuran
Concen: 5.43 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG020159.D
Acq: 14 Dec 2015 18:59

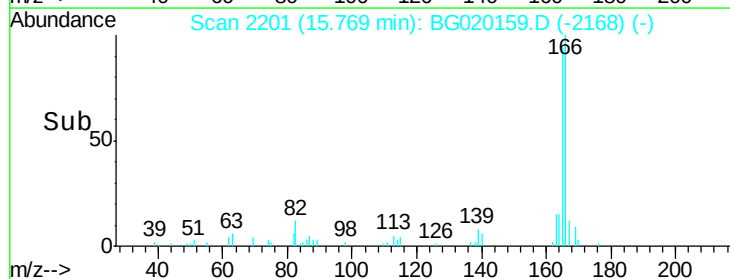
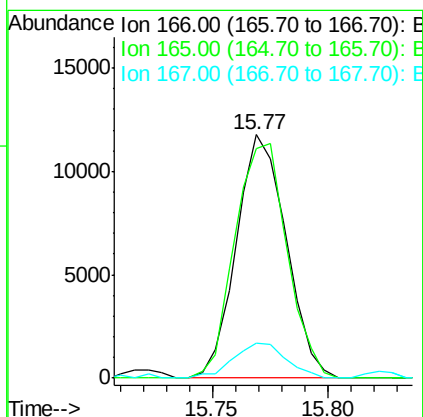
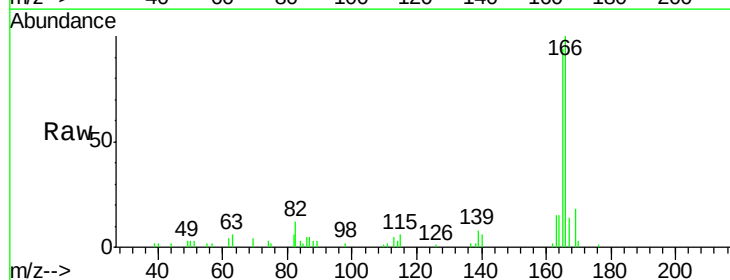
Instrument :
BNA_G
ClientSampled :
D9N31

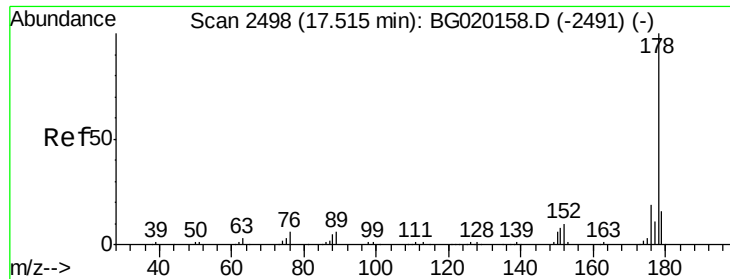
Tgt Ion:168 Resp: 38644
Ion Ratio Lower Upper
168 100
139 37.1 30.5 45.7



#59
Fluorene
Concen: 3.10 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG020159.D
Acq: 14 Dec 2015 18:59

Tgt Ion:166 Resp: 17706
Ion Ratio Lower Upper
166 100
165 94.2 81.4 122.0
167 14.2 11.2 16.8





#70

Phenanthrene

Concen: 8.93 ng/ul

RT: 17.51 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG020159.D

Acq: 14 Dec 2015 18:59

Instrument :

BNA_G

ClientSampleId :

D9N31

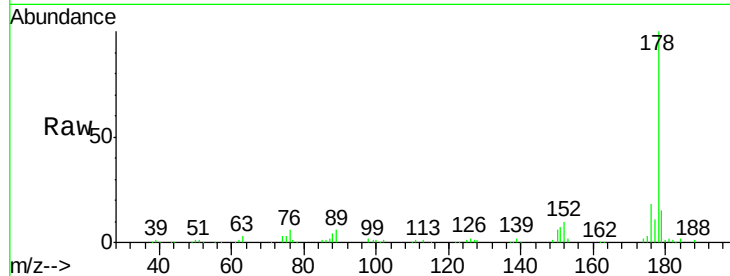
Tgt Ion:178 Resp: 92087

Ion Ratio Lower Upper

178 100

179 14.9 12.9 19.3

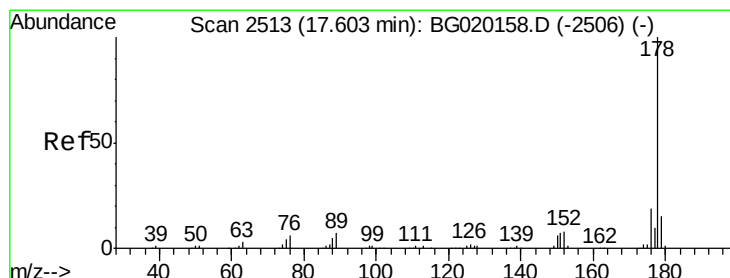
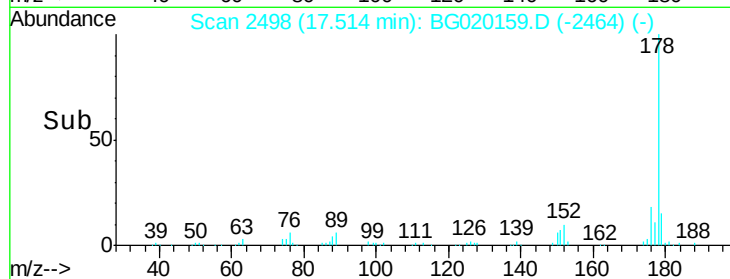
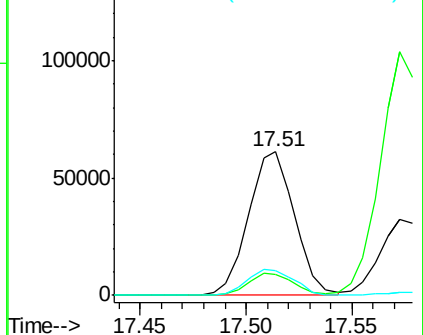
176 17.7 15.3 22.9



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: 8.81 ng/ul

RT: 17.51 min Scan# 2498

Delta R.T. -0.09 min

Lab File: BG020159.D

Acq: 14 Dec 2015 18:59

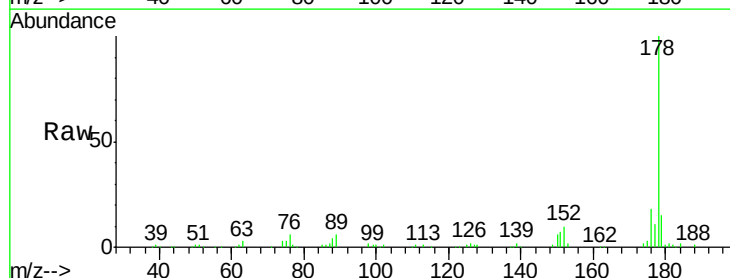
Tgt Ion:178 Resp: 92087

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

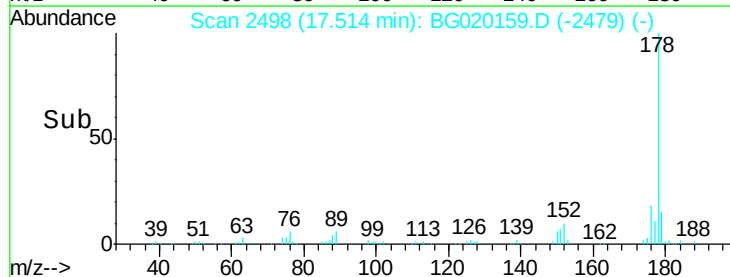
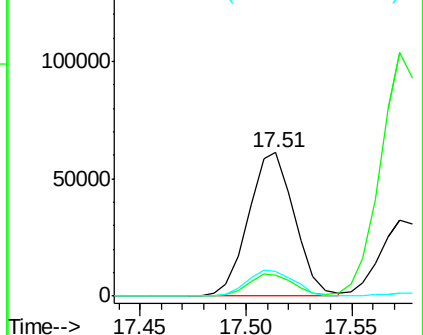
176 17.7 14.3 21.5

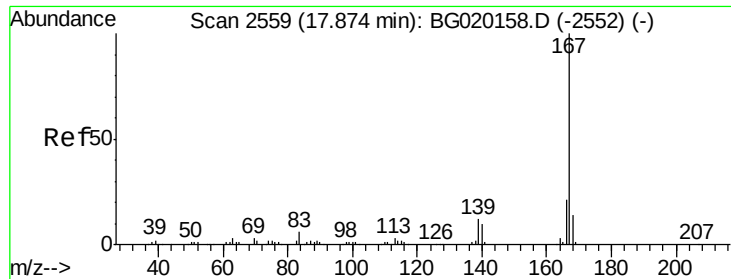


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 4.89 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BG020159.D

Acq: 14 Dec 2015 18:59

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BNA_G

ClientSampleId :

D9N31

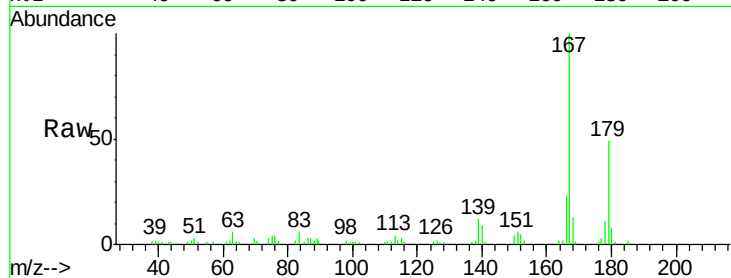
Tgt Ion:167 Resp: 42969

Ion Ratio Lower Upper

167 100

166 23.5 17.0 25.6

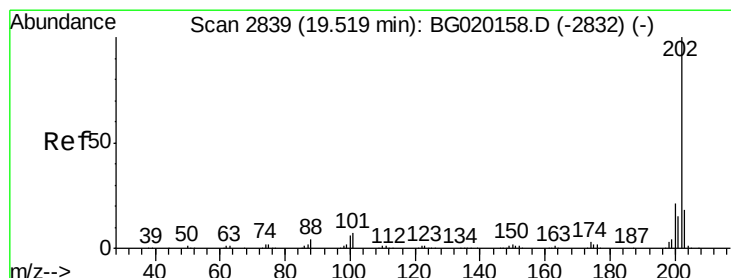
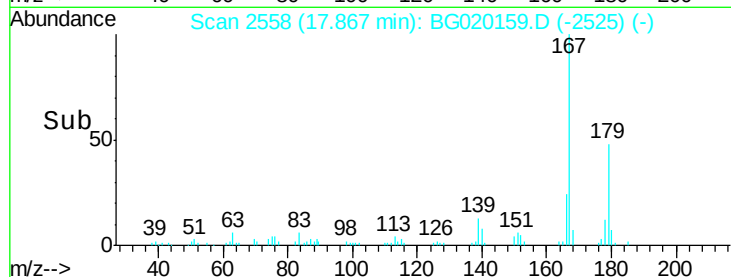
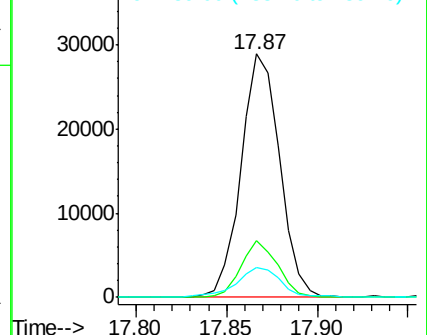
139 12.4 10.1 15.1



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: 1.81 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG020159.D

Acq: 14 Dec 2015 18:59

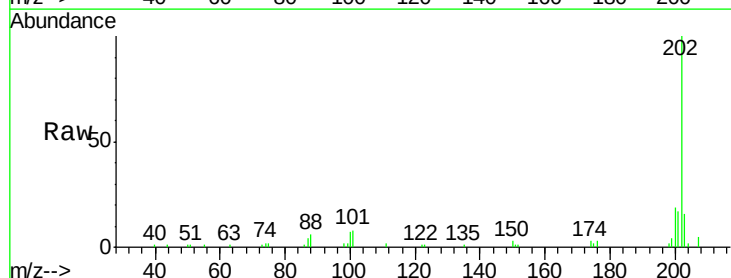
Tgt Ion:202 Resp: 21850

Ion Ratio Lower Upper

202 100

101 8.4 6.2 9.4

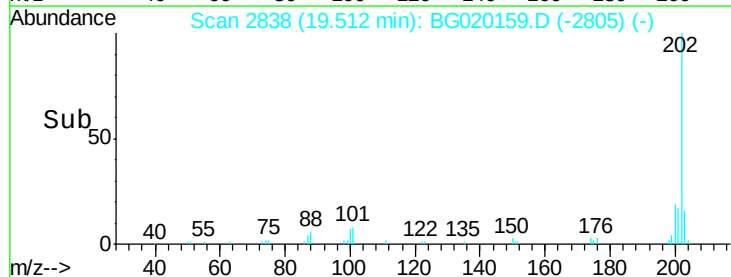
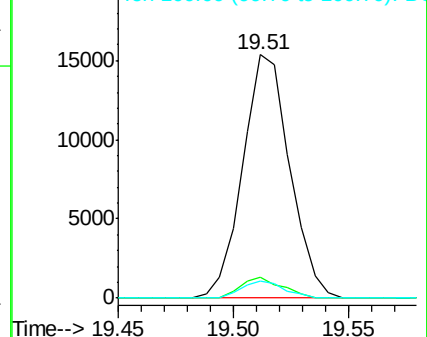
100 7.2 5.1 7.7

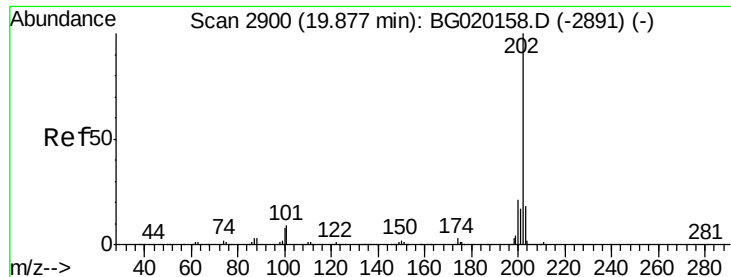


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 1.32 ng/ul

RT: 19.88 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG020159.D

Acq: 14 Dec 2015 18:59

Instrument :

BNA_G

ClientSampleId :

D9N31

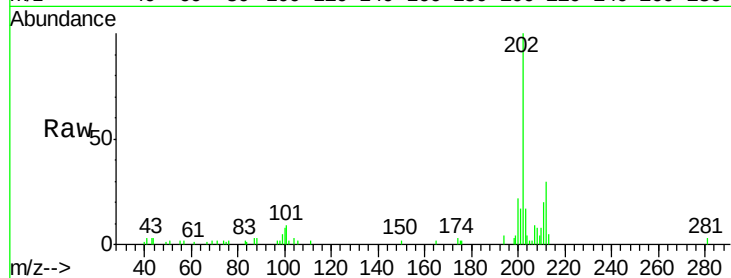
Tgt Ion:202 Resp: 16492

Ion Ratio Lower Upper

202 100

101 10.9 7.0 10.4#

100 7.9 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

