

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020610.D
 Acq On : 30 Dec 2015 15:54
 Operator : UM/SJ
 Sample : G4846-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N57

Quant Time: Dec 30 23:55:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 23:49:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19277	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	88176	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	64745	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	169707	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	201238	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	191929	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	492	1.53	ng/uL	0.00
5) Phenol-d5	7.22	99	11848	7.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	29915	30.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	31662	25.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	23411	16.76	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	21782	31.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	25288	31.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	42003	27.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	172	0.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	171333	32.34	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	193094	32.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4980	5.99	ng/ul	0.00
58) Fluorene-d10	15.68	176	153889	32.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	28648	27.83	ng/ul	0.00
71) Anthracene-d10	17.54	188	254762	32.22	ng/ul	0.00
79) Pyrene-d10	19.83	212	306923	34.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	325786	34.02	ng/ul	0.00

Target Compounds

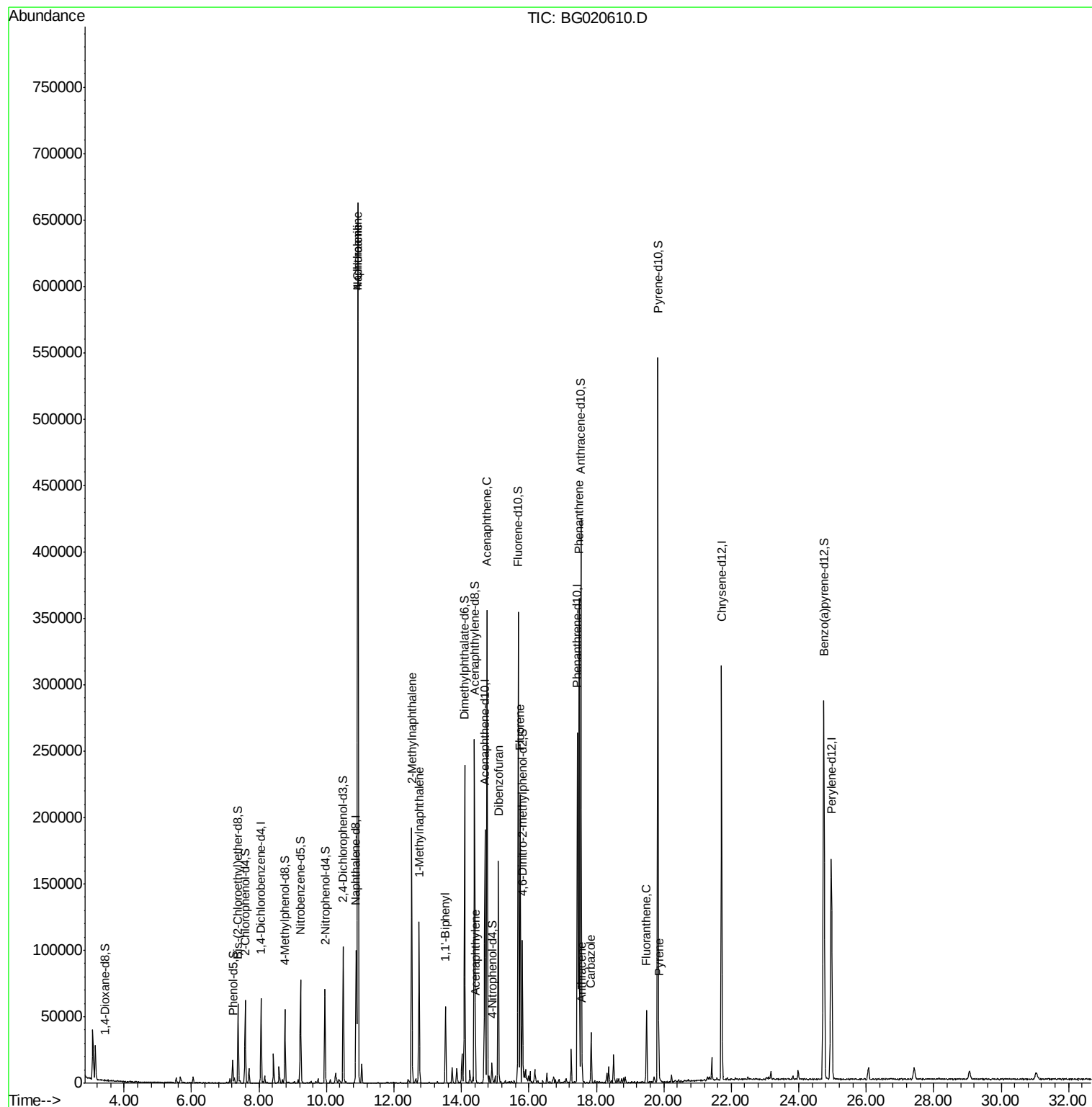
						Qvalue
28) Naphthalene	10.93	128	567661	121.57	ng/ul	98
30) 4-Chloroaniline	10.93	127	78384	42.78	ng/ul#	13
34) 2-Methylnaphthalene	12.53	142	92973	26.61	ng/ul	100
35) 1-Methylnaphthalene	12.75	142	57253	16.98	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	33167	6.81	ng/ul	95
48) Acenaphthylene	14.42	152	11230	1.75	ng/ul	96
50) Acenaphthene	14.76	153	155463	35.84	ng/ul	99
54) Dibenzofuran	15.09	168	116750	17.81	ng/ul	99
59) Fluorene	15.74	166	99268	18.83	ng/ul	99
70) Phenanthrene	17.48	178	239914	26.00	ng/ul	99
72) Anthracene	17.58	178	16985	1.80	ng/ul	98
75) Carbazole	17.85	167	27828	3.49	ng/ul	98
77) Fluoranthene	19.49	202	39138	3.47	ng/ul	99
80) Pyrene	19.86	202	23896	2.05	ng/ul	99

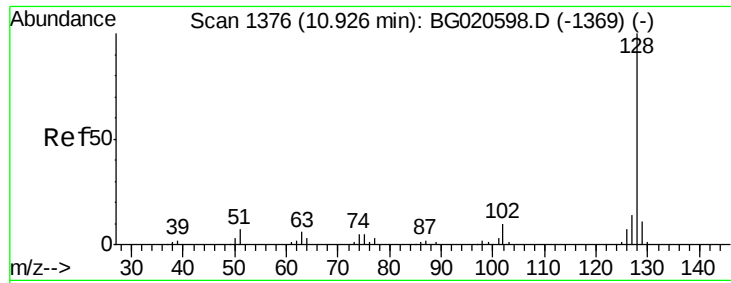
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020610.D
Acq On : 30 Dec 2015 15:54
Operator : UM/SJ
Sample : G4846-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N57

Quant Time: Dec 30 23:55:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 23:49:10 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 121.57 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BG020610.D

Acq: 30 Dec 2015 15:54

Instrument :

BNA_G

ClientSampleId :

D9N57

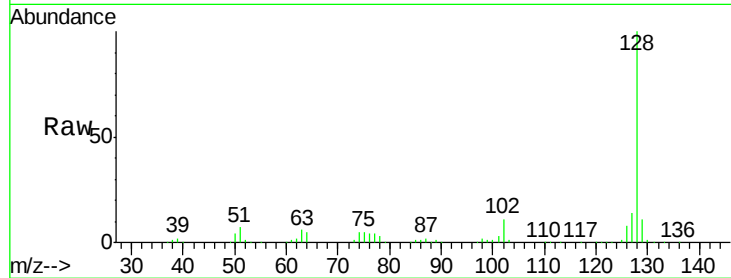
Tgt Ion:128 Resp: 567661

Ion Ratio Lower Upper

128 100

129 11.3 8.3 12.5

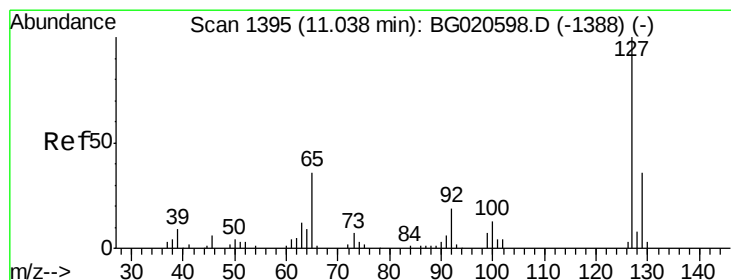
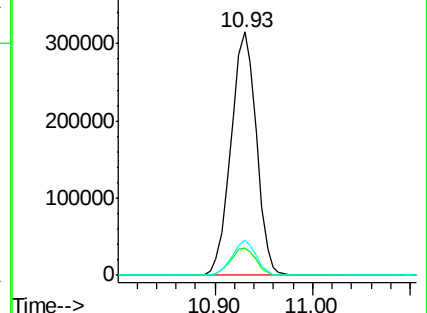
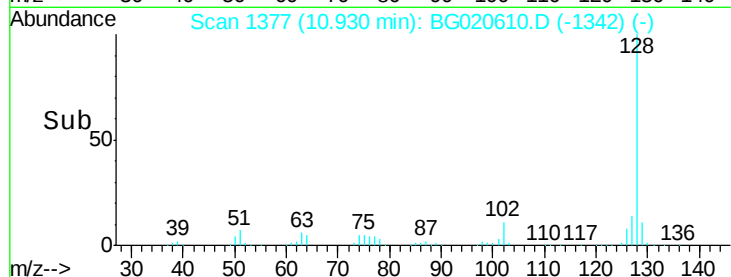
127 14.3 10.8 16.2



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: 42.78 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.11 min

Lab File: BG020610.D

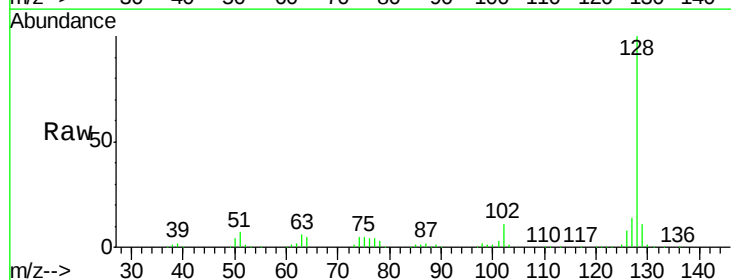
Acq: 30 Dec 2015 15:54

Tgt Ion:127 Resp: 78384

Ion Ratio Lower Upper

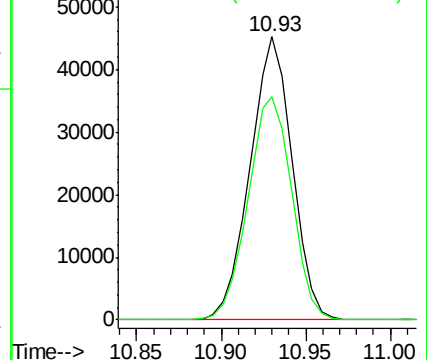
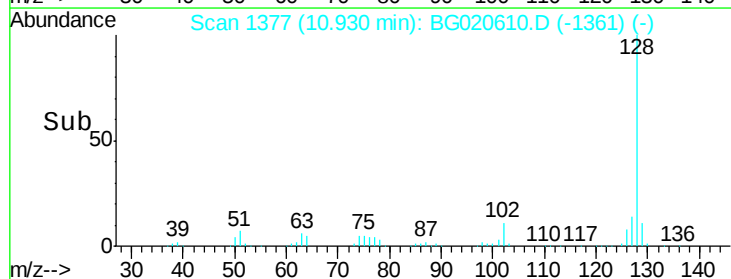
127 100

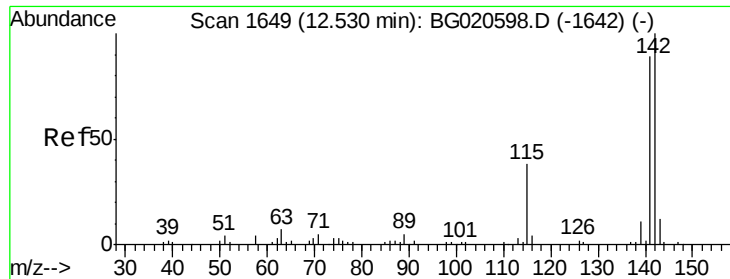
129 78.7 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

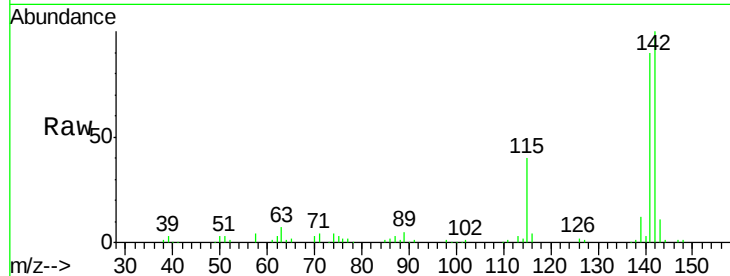




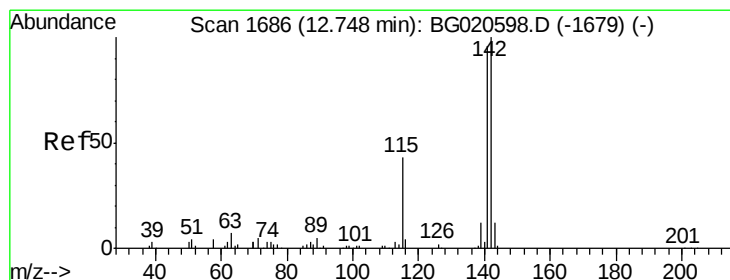
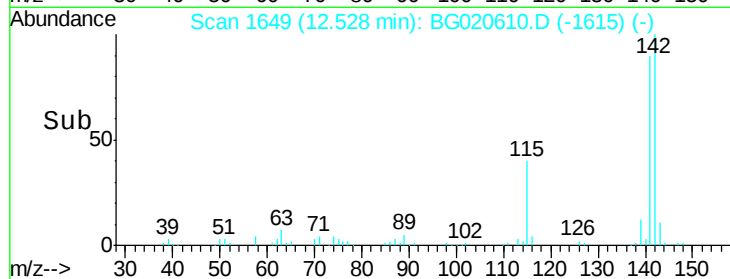
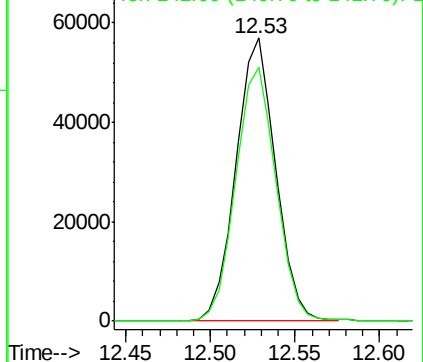
#34
2-Methylnaphthalene
Concen: 26.61 ng/ul
RT: 12.53 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG020610.D
Acq: 30 Dec 2015 15:54

Instrument :
BNA_G
ClientSampleId :
D9N57

Tgt Ion:142 Resp: 92973
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2

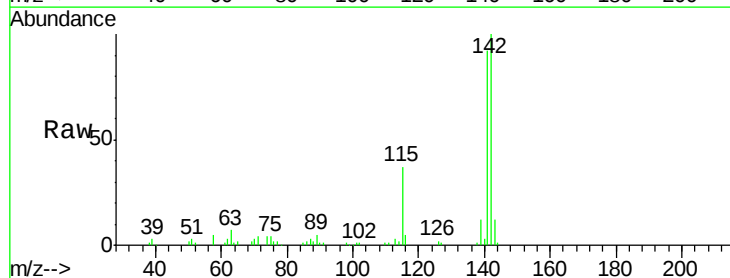


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

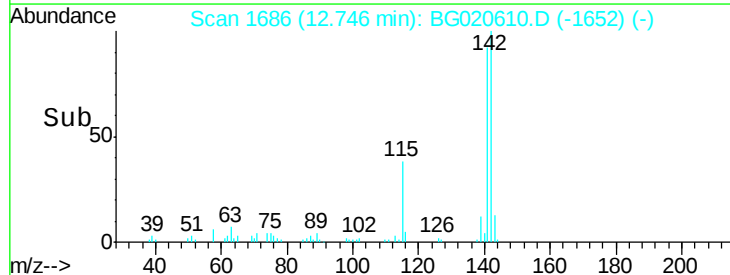
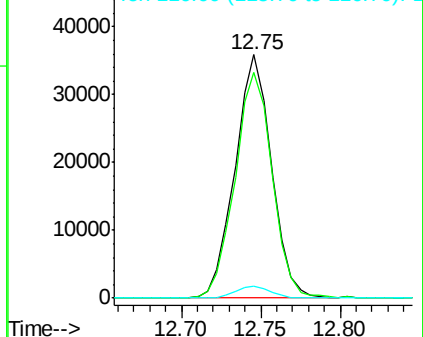


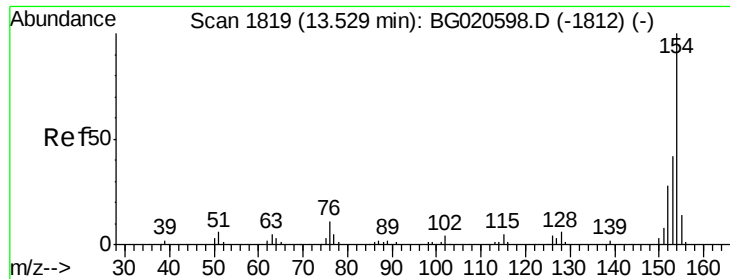
#35
1-Methylnaphthalene
Concen: 16.98 ng/ul
RT: 12.75 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BG020610.D
Acq: 30 Dec 2015 15:54

Tgt Ion:142 Resp: 57253
Ion Ratio Lower Upper
142 100
141 92.4 76.6 115.0
116 4.6 3.6 5.4



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

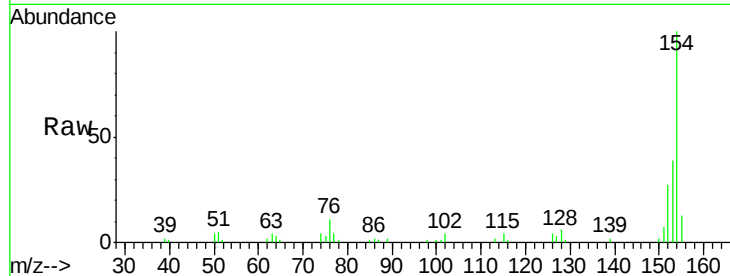




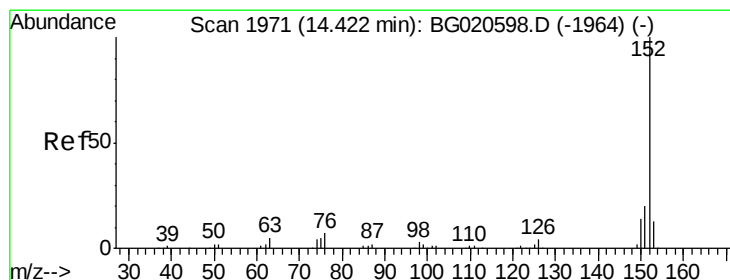
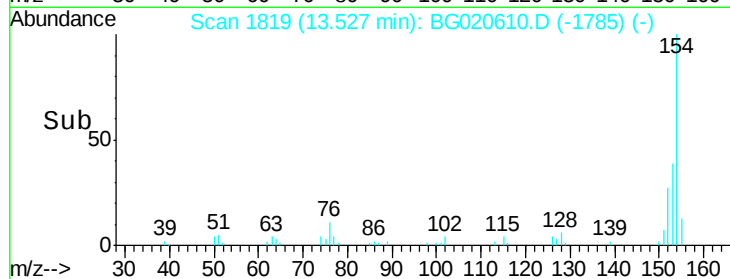
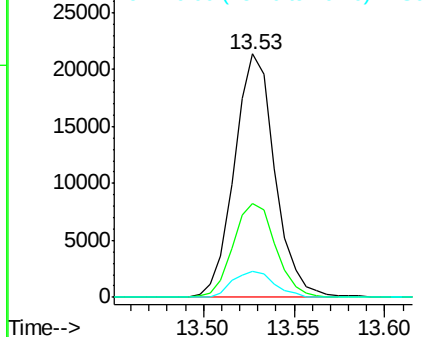
#41
 1,1'-Biphenyl
 Concen: 6.81 ng/ul
 RT: 13.53 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG020610.D
 Acq: 30 Dec 2015 15:54

Instrument :
 BNA_G
 ClientSampleId :
 D9N57

Tgt Ion:154 Resp: 33167
 Ion Ratio Lower Upper
 154 100
 153 38.7 34.0 51.0
 76 10.9 8.4 12.6

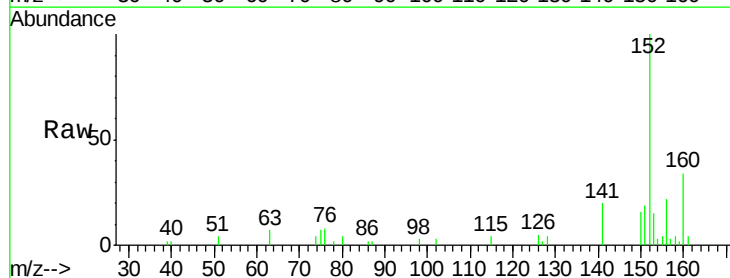


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

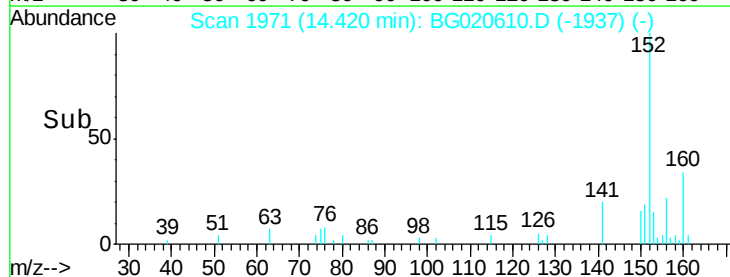
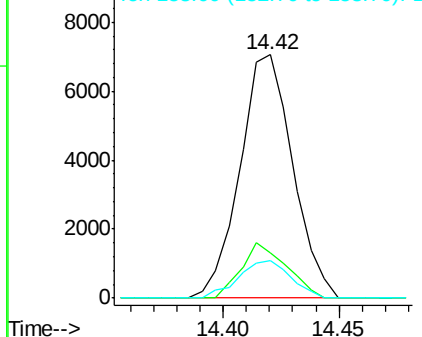


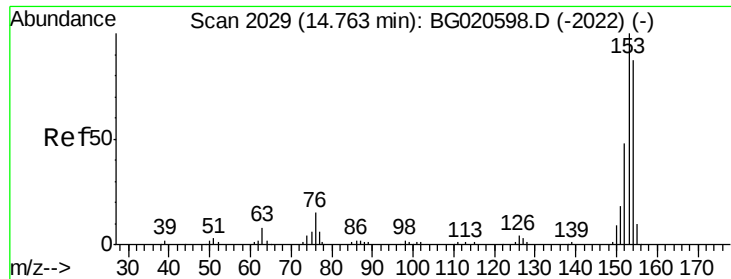
#48
 Acenaphthylene
 Concen: 1.75 ng/ul
 RT: 14.42 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG020610.D
 Acq: 30 Dec 2015 15:54

Tgt Ion:152 Resp: 11230
 Ion Ratio Lower Upper
 152 100
 151 18.6 16.1 24.1
 153 15.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 35.84 ng/ul

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG020610.D

Acq: 30 Dec 2015 15:54

Instrument :

BNA_G

ClientSampleId :

D9N57

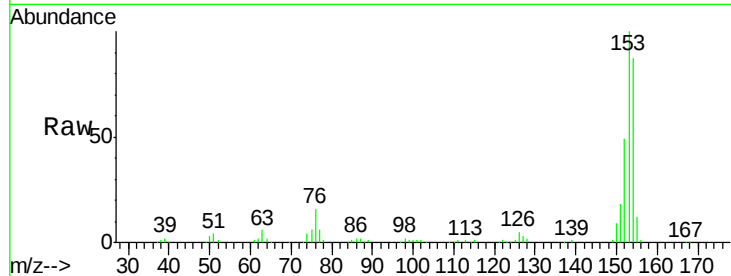
Tgt Ion:153 Resp: 155463

Ion Ratio Lower Upper

153 100

152 48.5 37.9 56.9

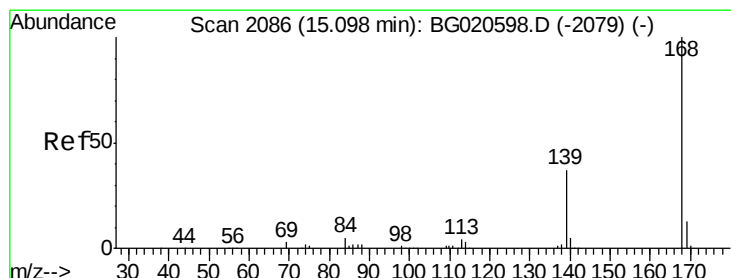
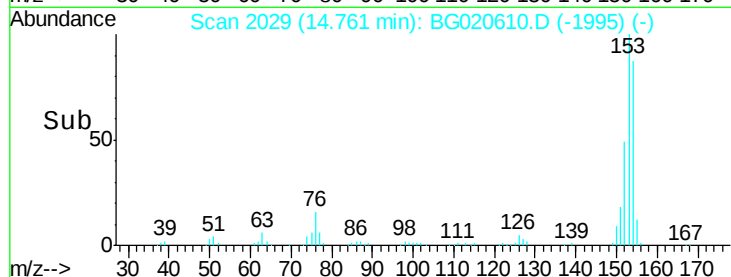
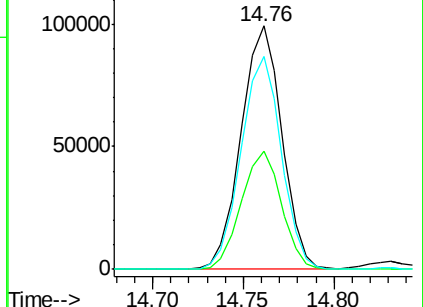
154 87.3 69.8 104.6



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: 17.81 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG020610.D

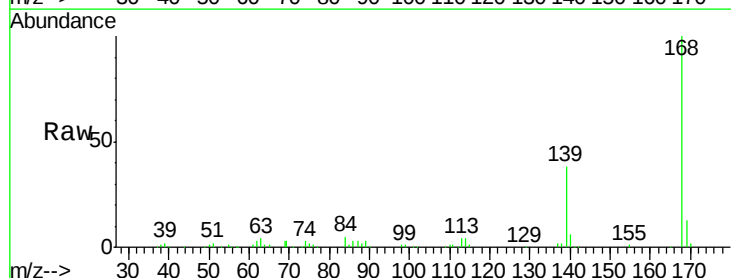
Acq: 30 Dec 2015 15:54

Tgt Ion:168 Resp: 116750

Ion Ratio Lower Upper

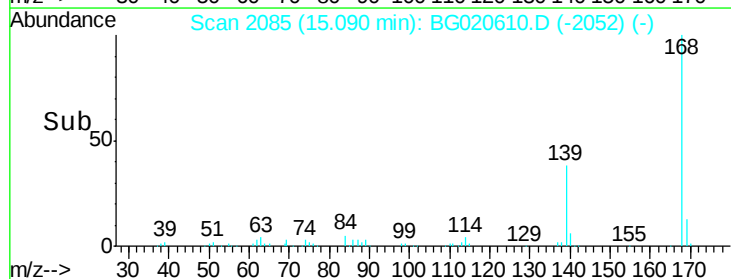
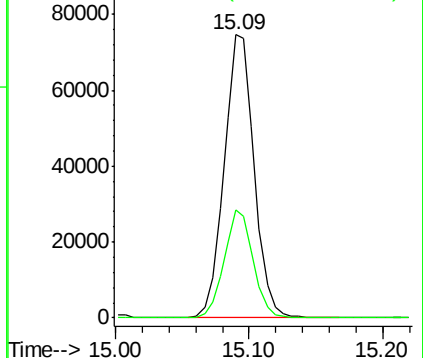
168 100

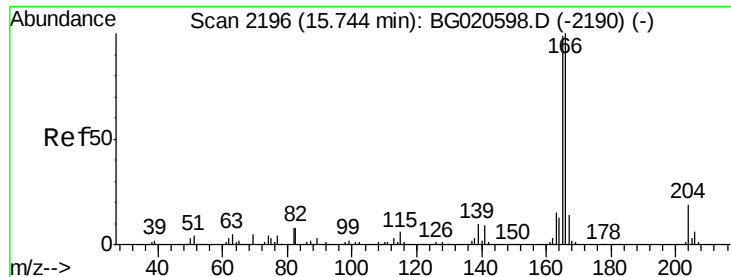
139 38.3 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 18.83 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG020610.D

Acq: 30 Dec 2015 15:54

Instrument :

BNA_G

ClientSampleId :

D9N57

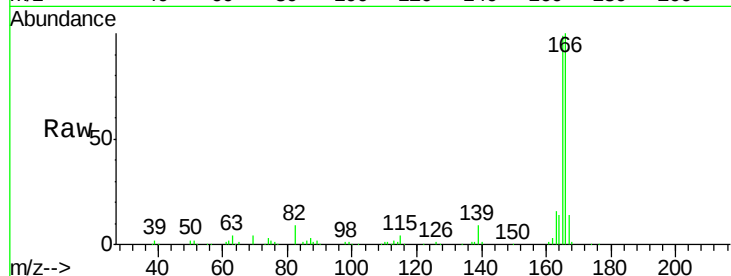
Tgt Ion:166 Resp: 99268

Ion Ratio Lower Upper

166 100

165 98.6 78.4 117.6

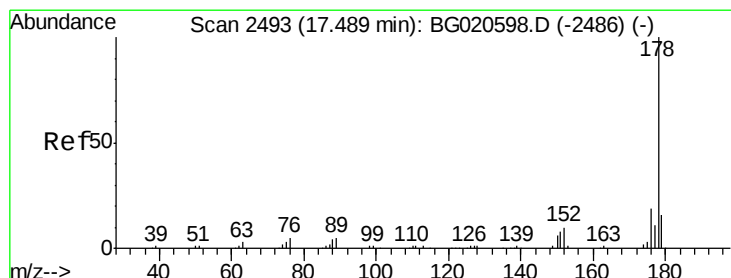
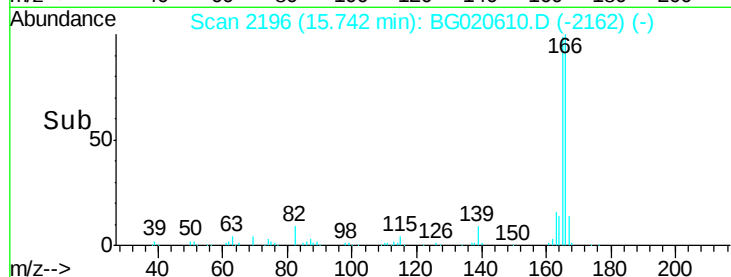
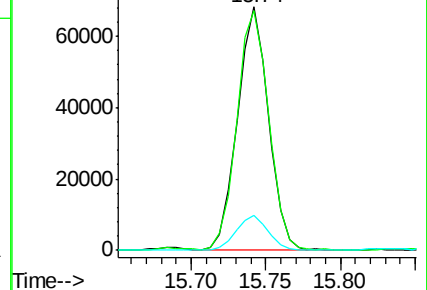
167 14.4 11.1 16.7



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: 26.00 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG020610.D

Acq: 30 Dec 2015 15:54

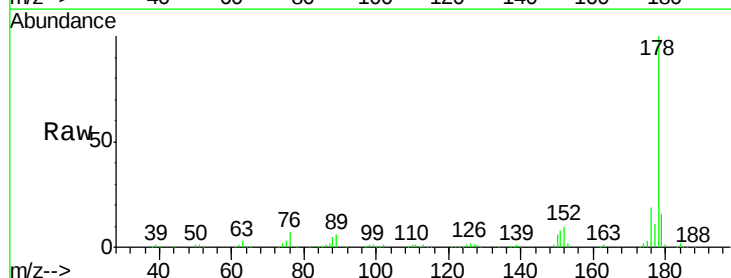
Tgt Ion:178 Resp: 239914

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

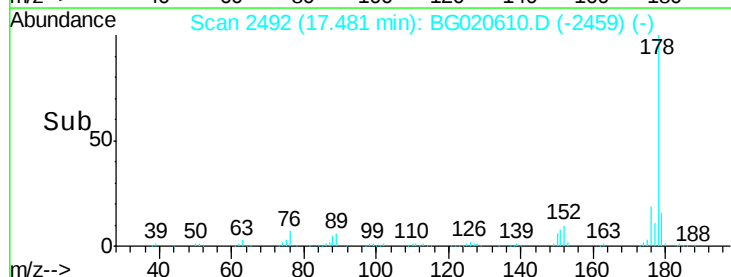
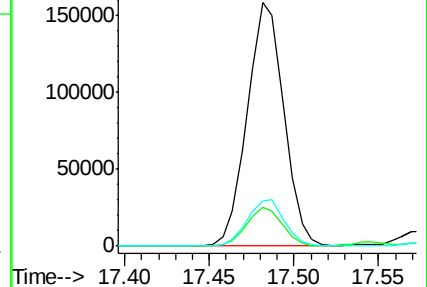
176 18.6 15.4 23.0

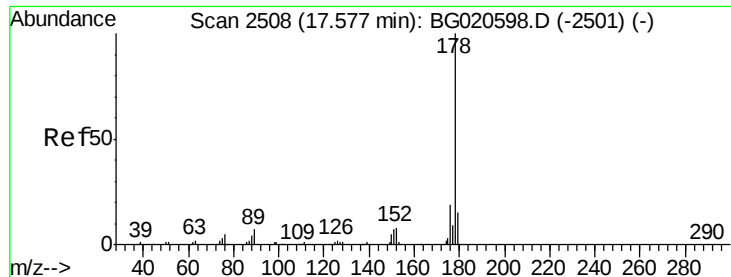


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.80 ng/ul

RT: 17.58 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG020610.D

Acq: 30 Dec 2015 15:54

Instrument :

BNA_G

ClientSampleId :

D9N57

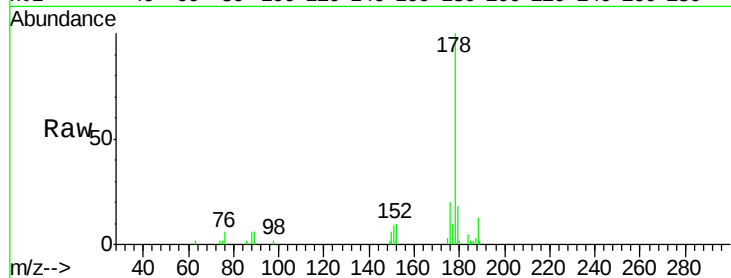
Tgt Ion:178 Resp: 16985

Ion Ratio Lower Upper

178 100

179 18.0 13.4 20.2

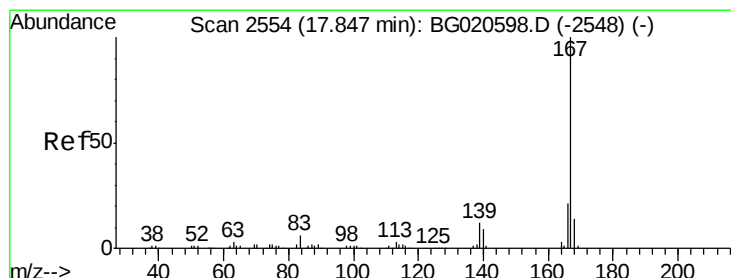
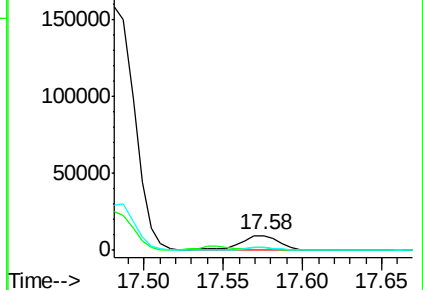
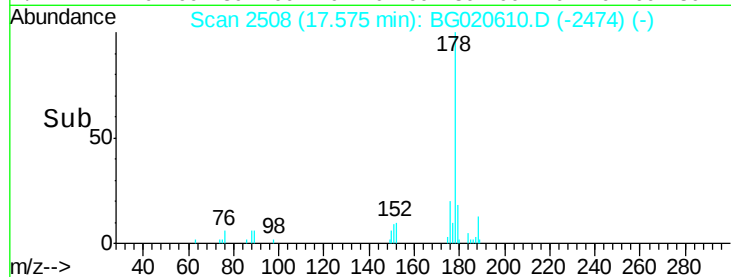
176 20.1 15.4 23.0



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: 3.49 ng/ul

RT: 17.85 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BG020610.D

Acq: 30 Dec 2015 15:54

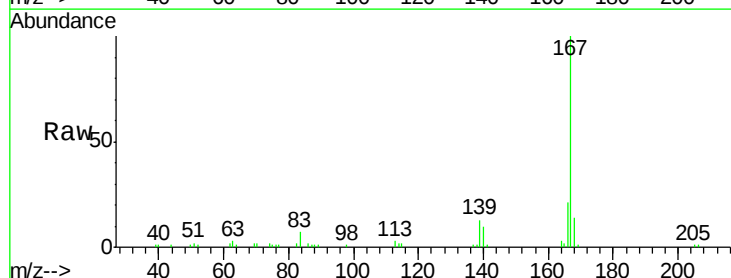
Tgt Ion:167 Resp: 27828

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

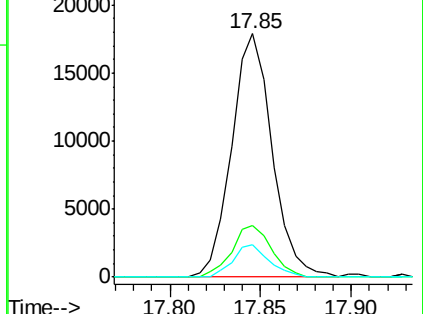
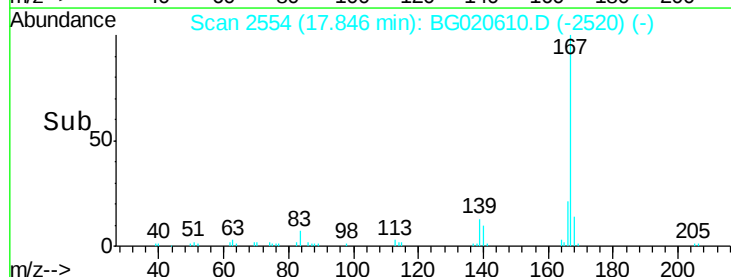
139 13.3 9.1 13.7

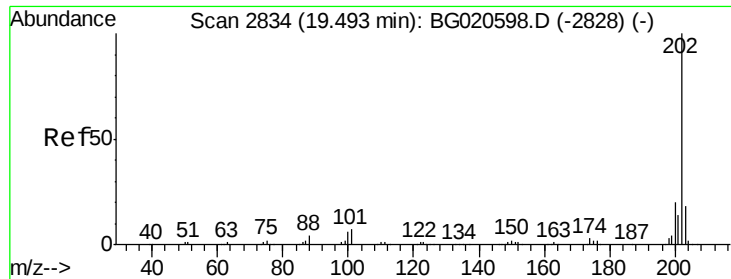


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

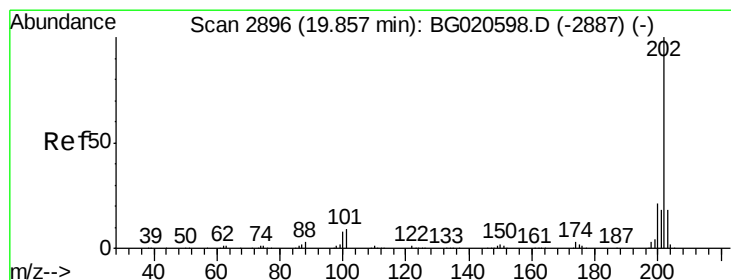
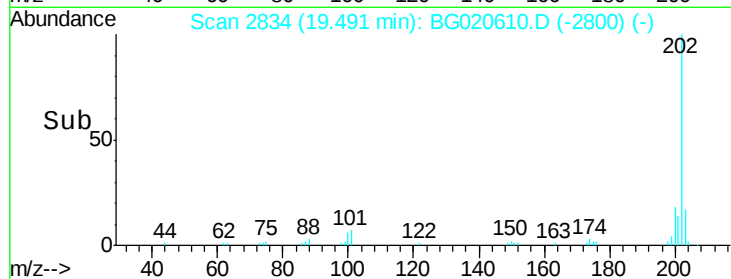
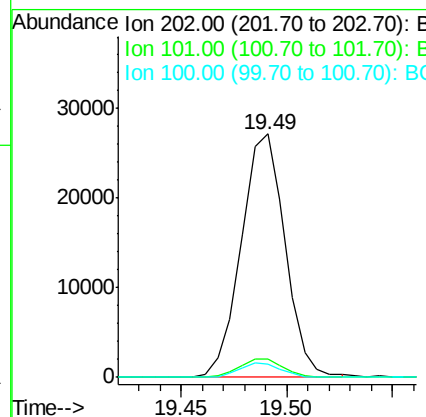
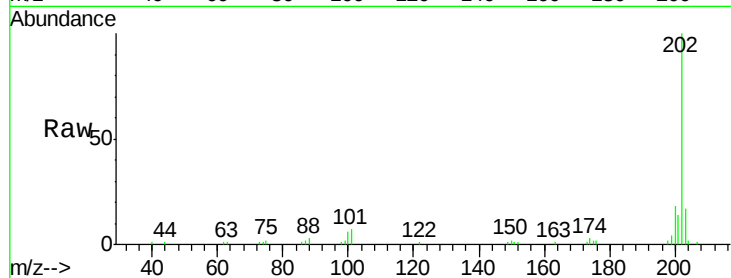




#77
Fluoranthene
 Concen: 3.47 ng/ul
 RT: 19.49 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BG020610.D
 Acq: 30 Dec 2015 15:54

Instrument :
 BNA_G
 ClientSampleId :
 D9N57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.1	9.1
100	5.6	4.6	7.0



#80
Pyrene
 Concen: 2.05 ng/ul
 RT: 19.86 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: BG020610.D
 Acq: 30 Dec 2015 15:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
100	7.4	5.6	8.4

