

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
 Data File : BG019516.D
 Acq On : 6 Nov 2015 17:35
 Operator : UM/NP
 Sample : G4245-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY48

Quant Time: Nov 07 00:10:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 23:58:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	38935	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	162161	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	129583	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	360797	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	477793	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	449029	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	414	0.51	ng/uL	0.00
5) Phenol-d5	7.32	99	20092	5.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	70107	30.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	49934	22.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	40485	14.22	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	34896	29.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	38853	27.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	79684	25.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	10368	3.34	ng/ul	-0.02
44) Dimethylphthalate-d6	14.20	166	321543	30.10	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	353356	29.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	10574	6.23	ng/ul	0.00
58) Fluorene-d10	15.80	176	284736	28.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	66050	28.28	ng/ul	0.00
71) Anthracene-d10	17.65	188	505978	30.76	ng/ul	0.00
79) Pyrene-d10	19.93	212	606421	29.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	708577	31.45	ng/ul	0.00

Target Compounds

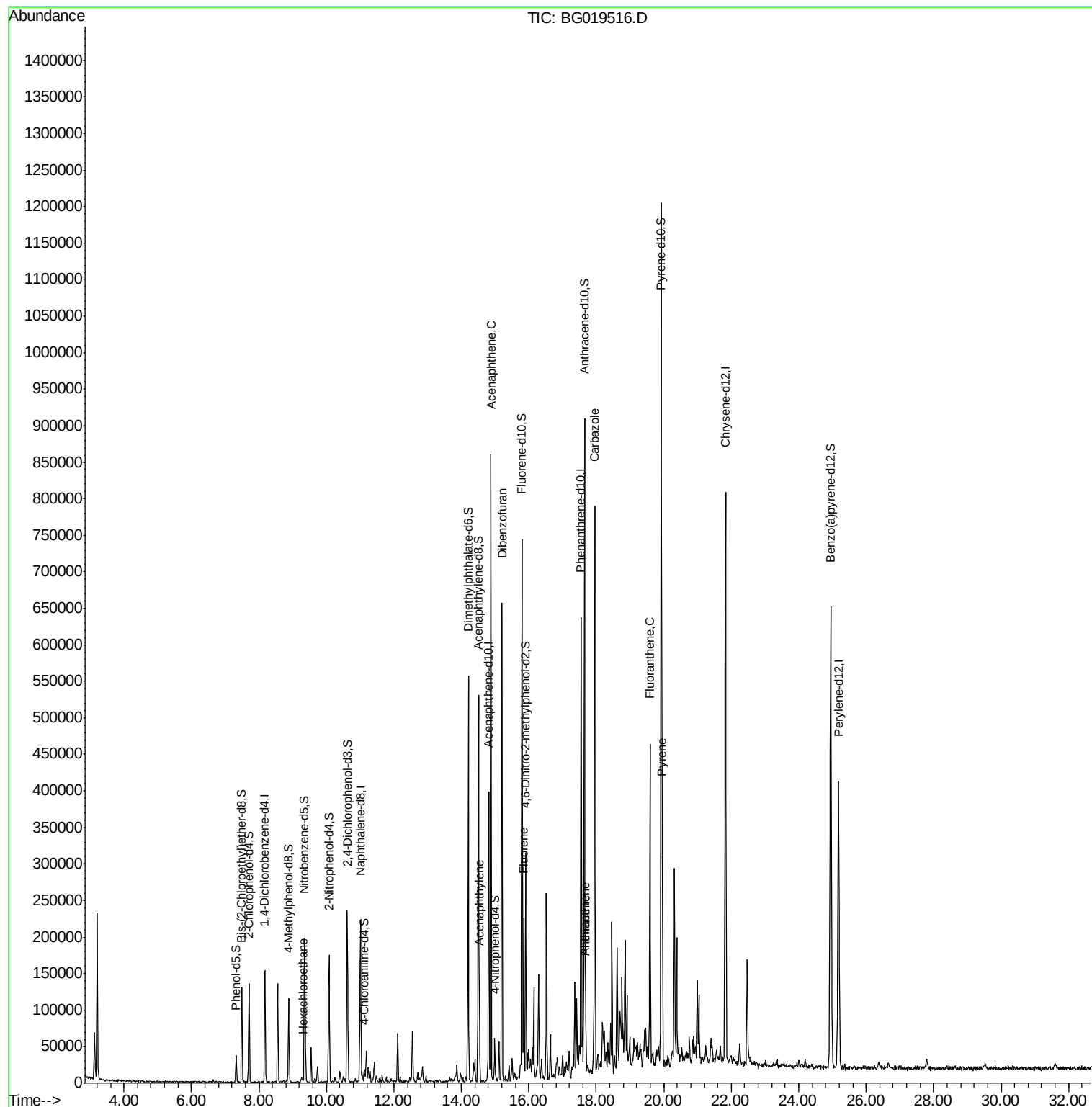
						Qvalue
17) Hexachloroethane	9.29	117	2143	1.79	ng/ul#	1
48) Acenaphthylene	14.53	152	28237	2.33	ng/ul#	89
50) Acenaphthene	14.87	153	333084	40.69	ng/ul	98
54) Dibenzofuran	15.20	168	378746	31.42	ng/ul	97
59) Fluorene	15.85	166	92558	8.80	ng/ul#	93
70) Phenanthrene	17.68	178	51197	2.81	ng/ul	98
72) Anthracene	17.68	178	51197	2.76	ng/ul	98
75) Carbazole	17.95	167	488318	32.97	ng/ul	97
77) Fluoranthene	19.59	202	269651	11.44	ng/ul#	94
80) Pyrene	19.95	202	167358	6.24	ng/ul#	91

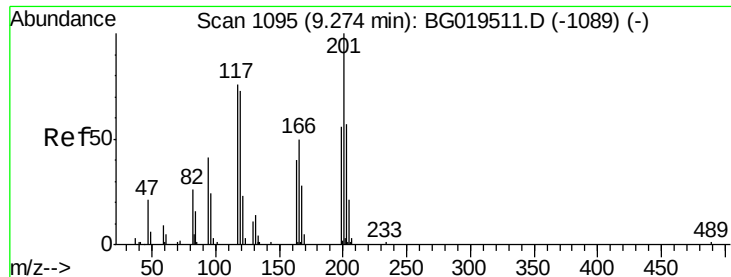
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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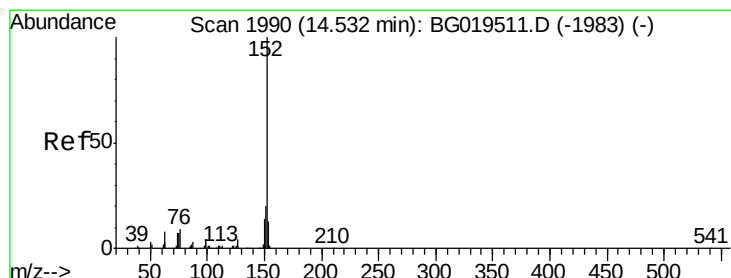
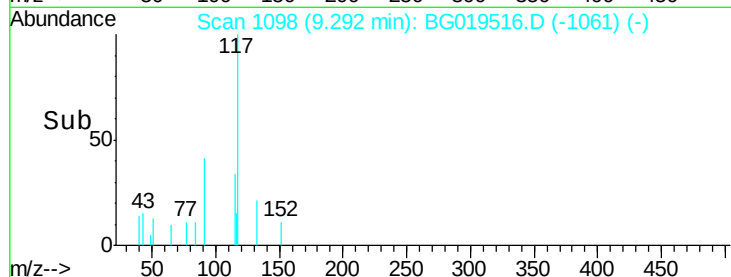
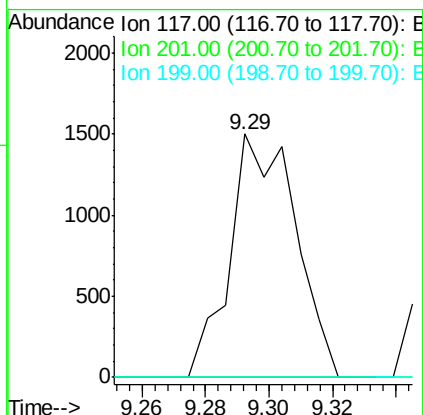
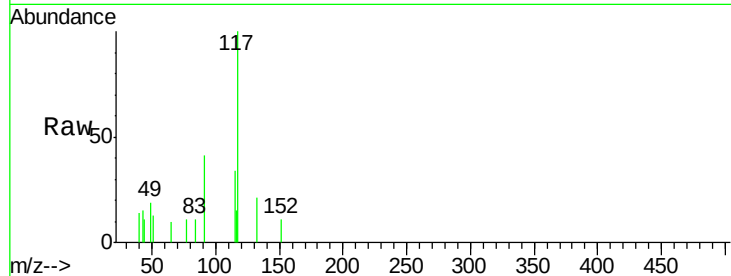




#17
Hexachloroethane
Concen: 1.79 ng/ul
RT: 9.29 min Scan# 1098
Delta R.T. 0.02 min
Lab File: BG019516.D
Acq: 6 Nov 2015 17:35

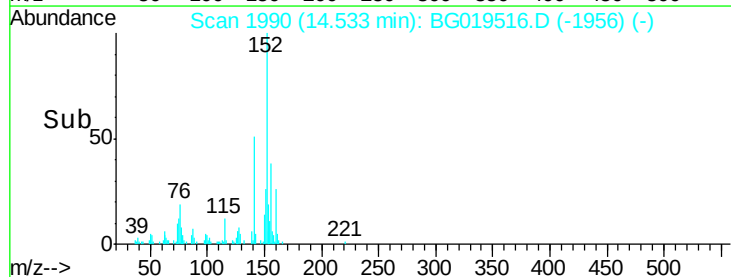
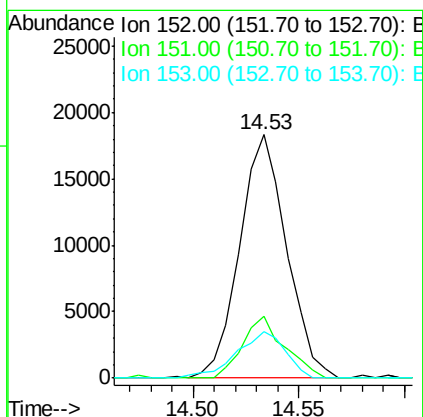
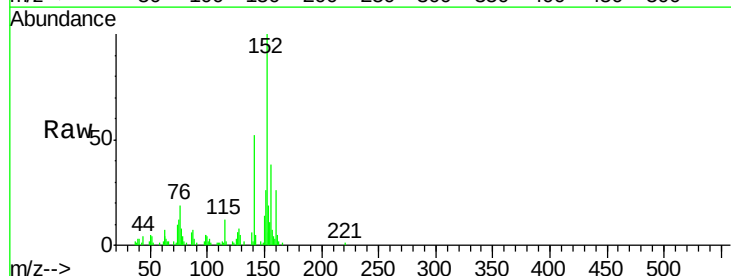
Instrument :
BNA_G
ClientSampleId :
BCY48

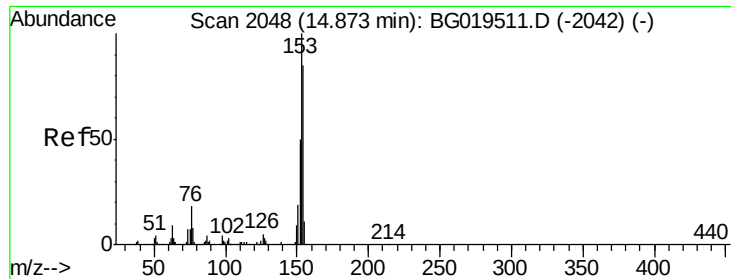
Tgt Ion:117 Resp: 2143
Ion Ratio Lower Upper
117 100
201 0.0 101.4 152.0#
199 0.0 71.7 107.5#



#48
Acenaphthylene
Concen: 2.33 ng/ul
RT: 14.53 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG019516.D
Acq: 6 Nov 2015 17:35

Tgt Ion:152 Resp: 28237
Ion Ratio Lower Upper
152 100
151 25.6 16.9 25.3#
153 19.2 10.8 16.2#





#50

Acenaphthene

Concen: 40.69 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BG019516.D

Acq: 6 Nov 2015 17:35

Instrument :

BNA_G

ClientSampleId :

BCY48

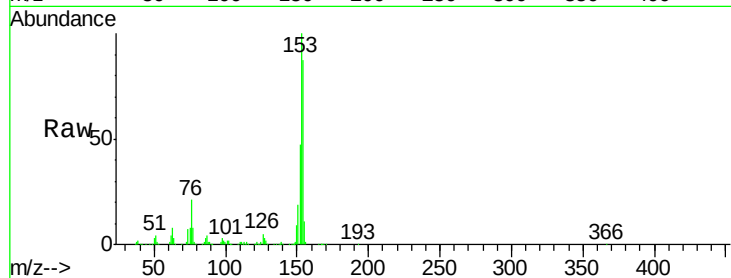
Tgt Ion:153 Resp: 333084

Ion Ratio Lower Upper

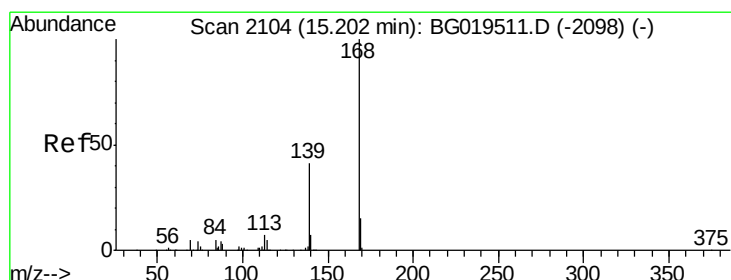
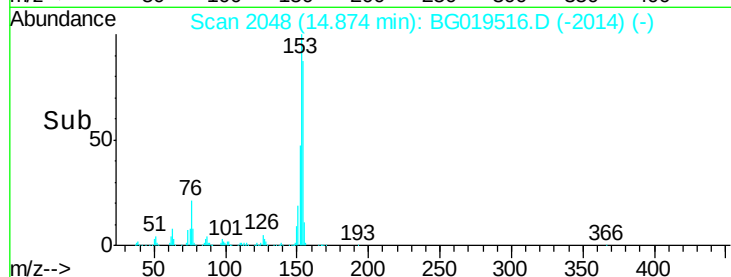
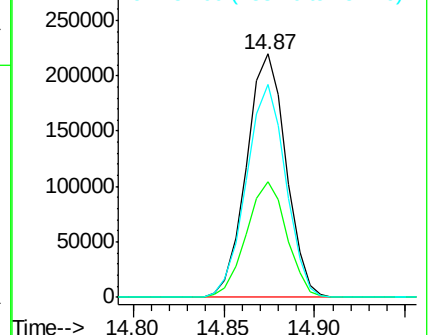
153 100

152 47.4 38.8 58.2

154 87.5 71.5 107.3



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: 31.42 ng/ul

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG019516.D

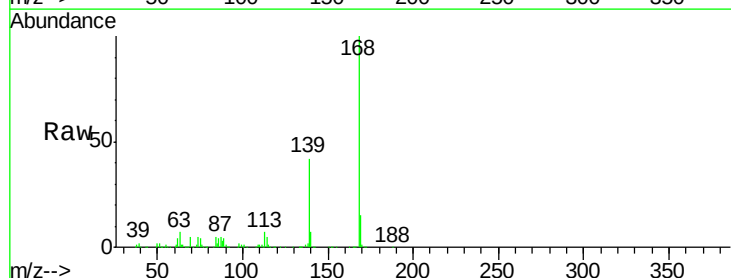
Acq: 6 Nov 2015 17:35

Tgt Ion:168 Resp: 378746

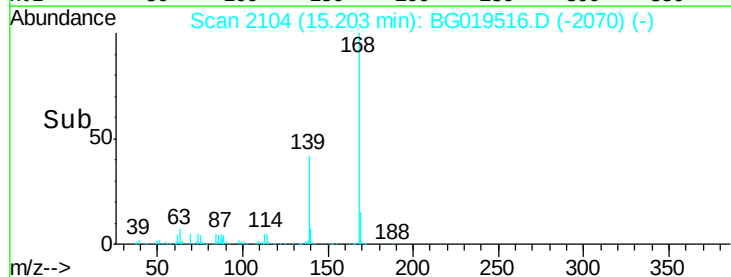
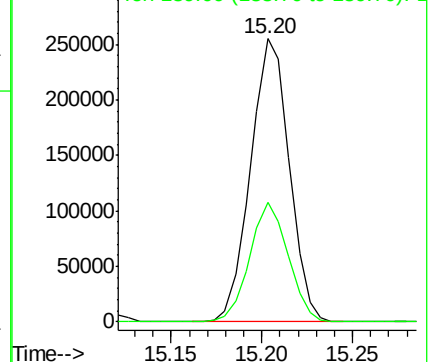
Ion Ratio Lower Upper

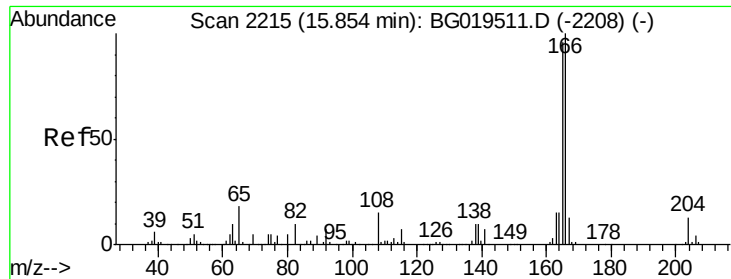
168 100

139 42.1 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 8.80 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG019516.D

Acq: 6 Nov 2015 17:35

Instrument :

BNA_G

ClientSampleId :

BCY48

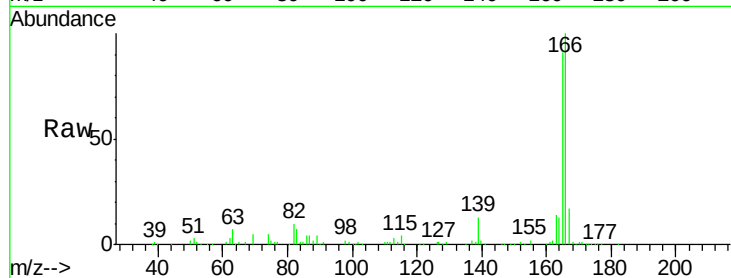
Tgt Ion:166 Resp: 92558

Ion Ratio Lower Upper

166 100

165 90.8 77.6 116.4

167 16.8 9.6 14.4#

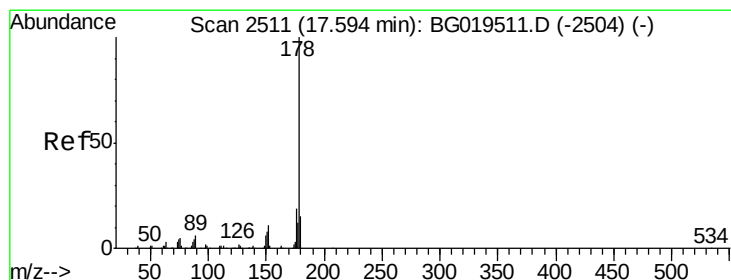
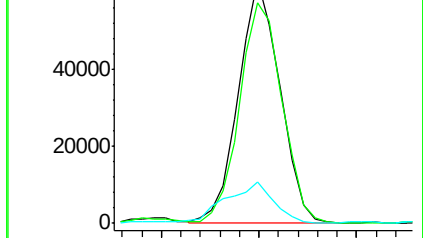
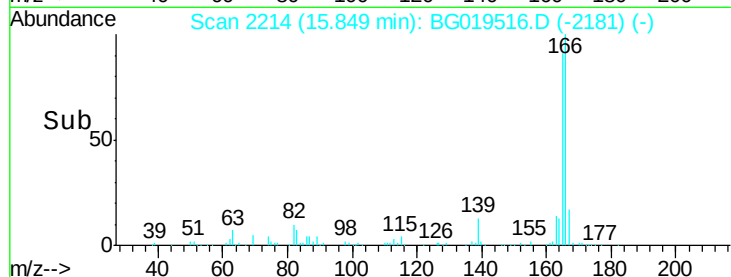


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



#70

Phenanthrene

Concen: 2.81 ng/ul

RT: 17.68 min Scan# 2526

Delta R.T. 0.09 min

Lab File: BG019516.D

Acq: 6 Nov 2015 17:35

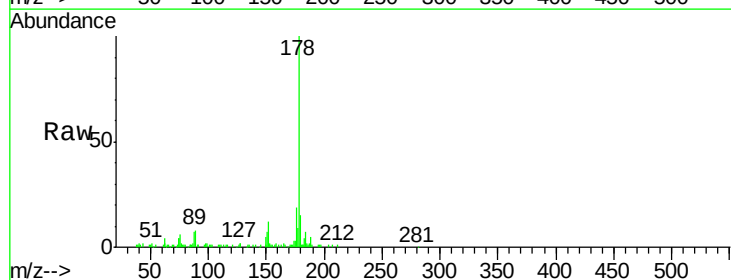
Tgt Ion:178 Resp: 51197

Ion Ratio Lower Upper

178 100

179 15.0 12.6 18.8

176 19.1 14.3 21.5

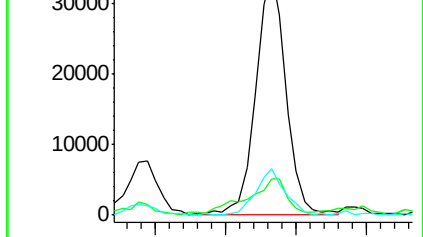
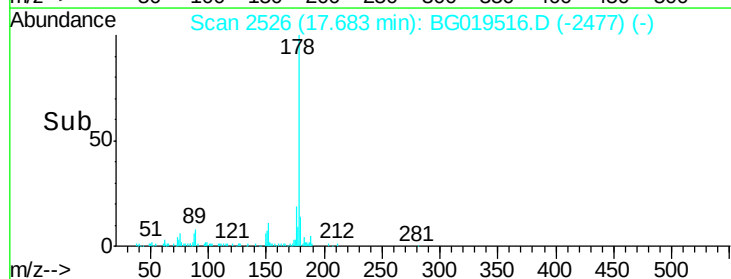


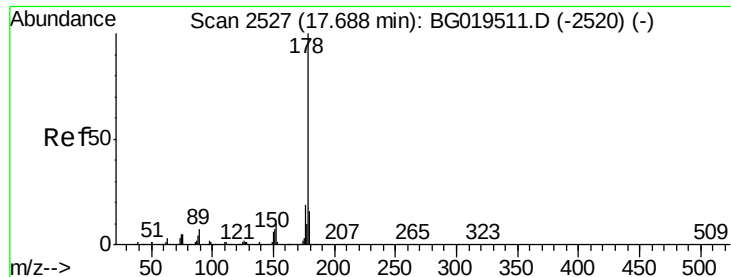
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

Time-->





#72

Anthracene

Concen: 2.76 ng/ul

RT: 17.68 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG019516.D

Acq: 6 Nov 2015 17:35

Instrument :

BNA_G

ClientSampleId :

BCY48

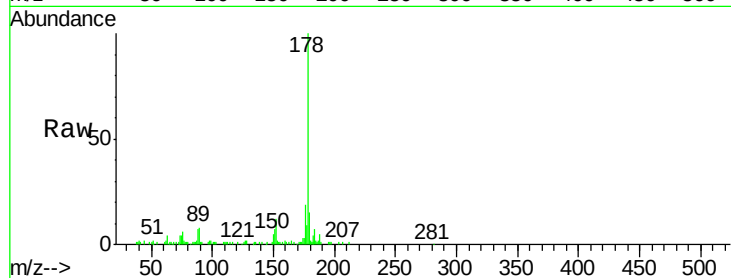
Tgt Ion:178 Resp: 51197

Ion Ratio Lower Upper

178 100

179 15.0 11.6 17.4

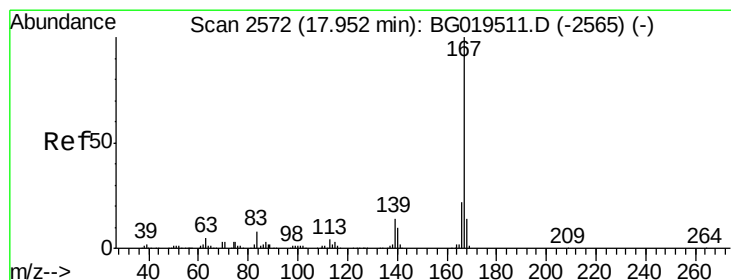
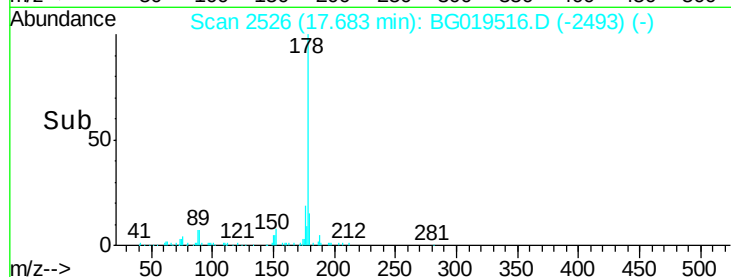
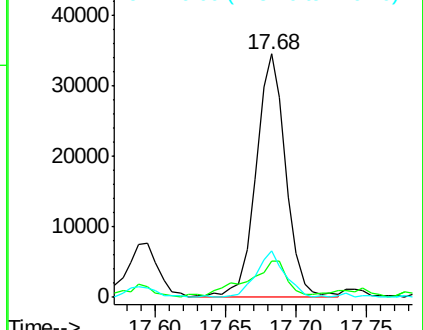
176 19.1 14.2 21.4



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: 32.97 ng/ul

RT: 17.95 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BG019516.D

Acq: 6 Nov 2015 17:35

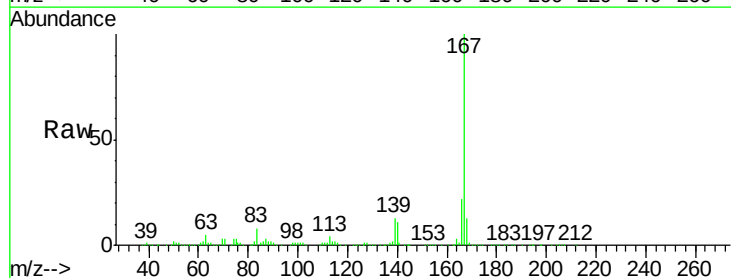
Tgt Ion:167 Resp: 488318

Ion Ratio Lower Upper

167 100

166 22.3 16.8 25.2

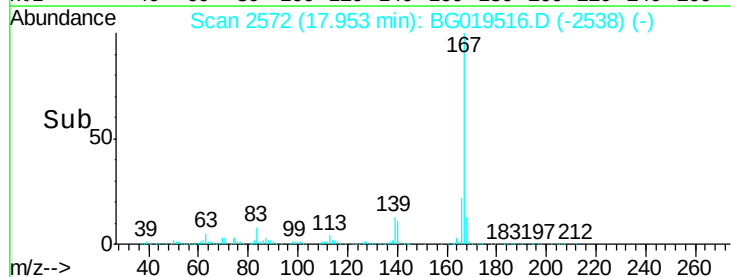
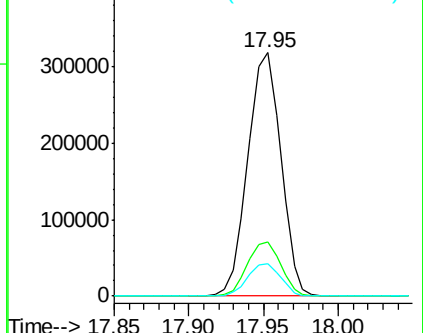
139 13.3 9.8 14.6

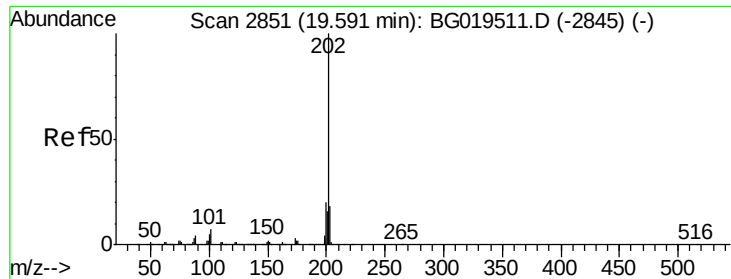


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 11.44 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG019516.D

Acq: 6 Nov 2015 17:35

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ClientSampleId :

BCY48

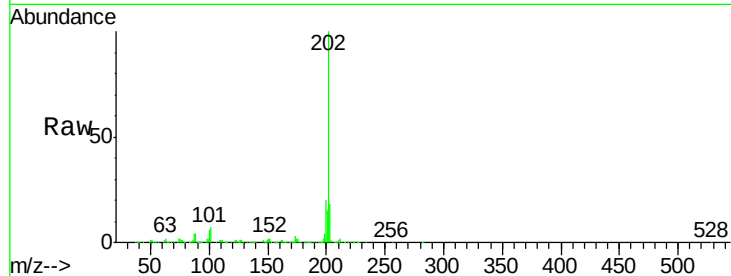
Tgt Ion:202 Resp: 269651

Ion Ratio Lower Upper

202 100

101 7.1 4.0 6.0#

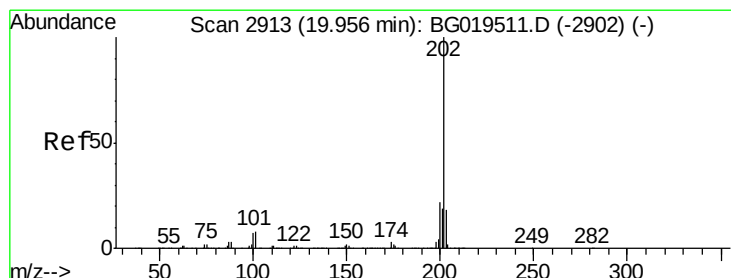
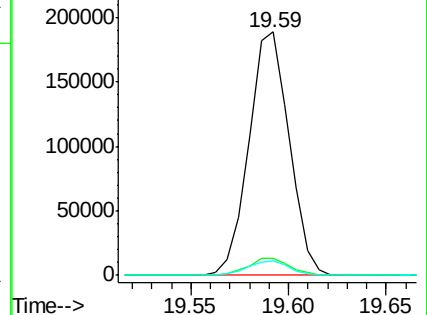
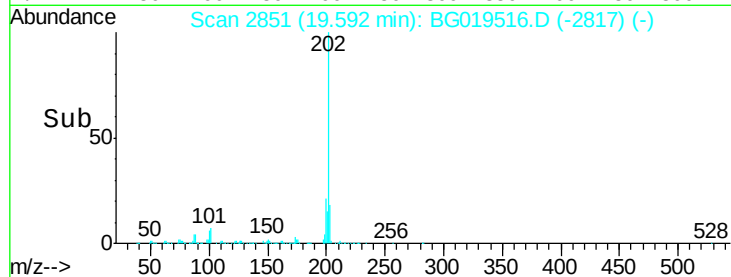
100 6.0 3.6 5.4#



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: 6.24 ng/ul

RT: 19.95 min Scan# 2912

Delta R.T. -0.01 min

Lab File: BG019516.D

Acq: 6 Nov 2015 17:35

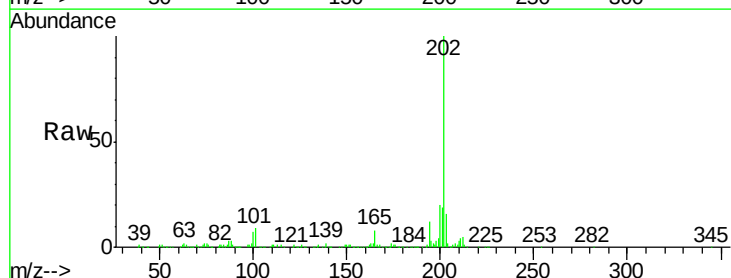
Tgt Ion:202 Resp: 167358

Ion Ratio Lower Upper

202 100

101 8.6 4.3 6.5#

100 7.5 3.6 5.4#



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

