Quantitation Report (LSC Reviewed)

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 00:26:08 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
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
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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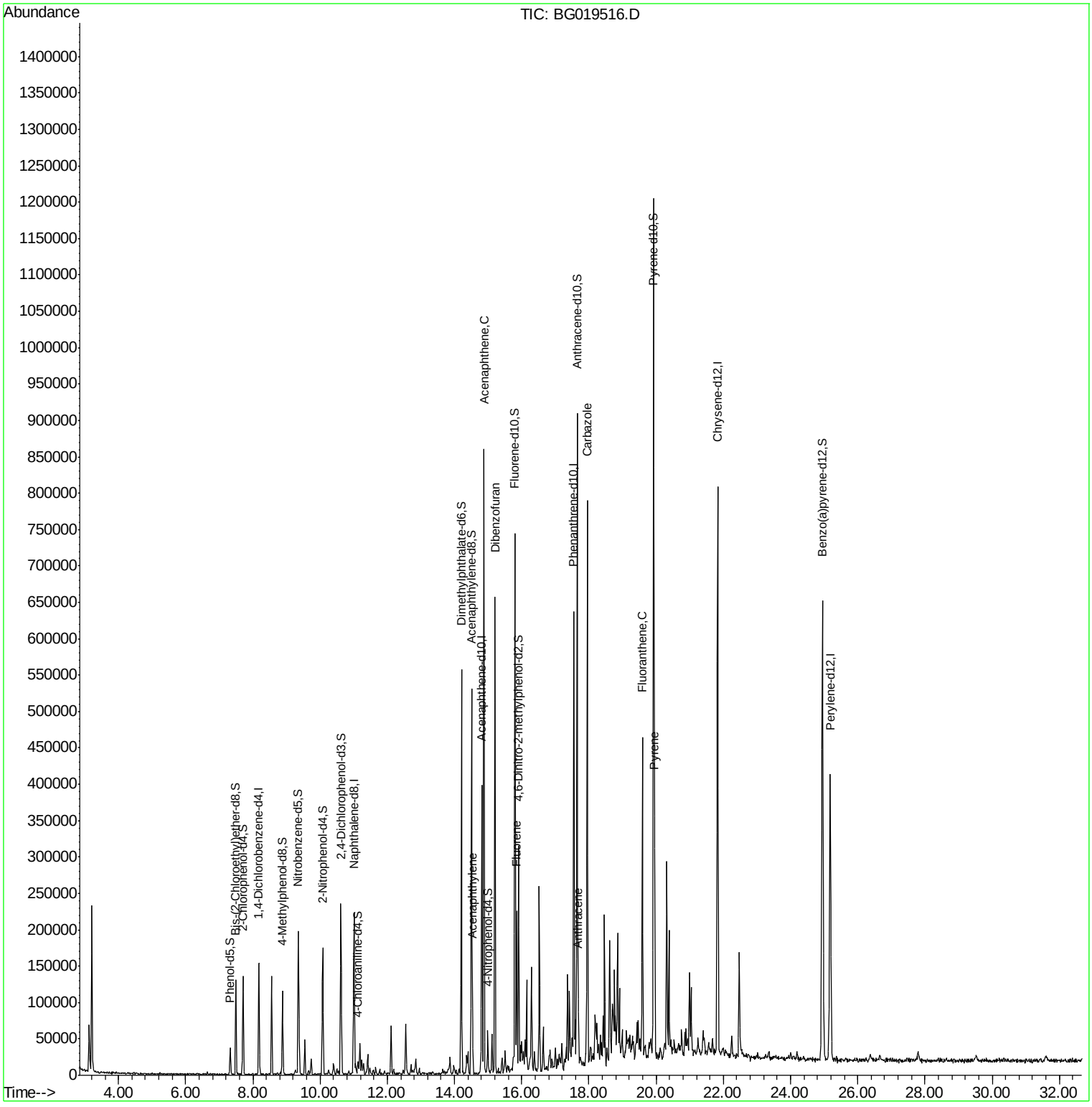
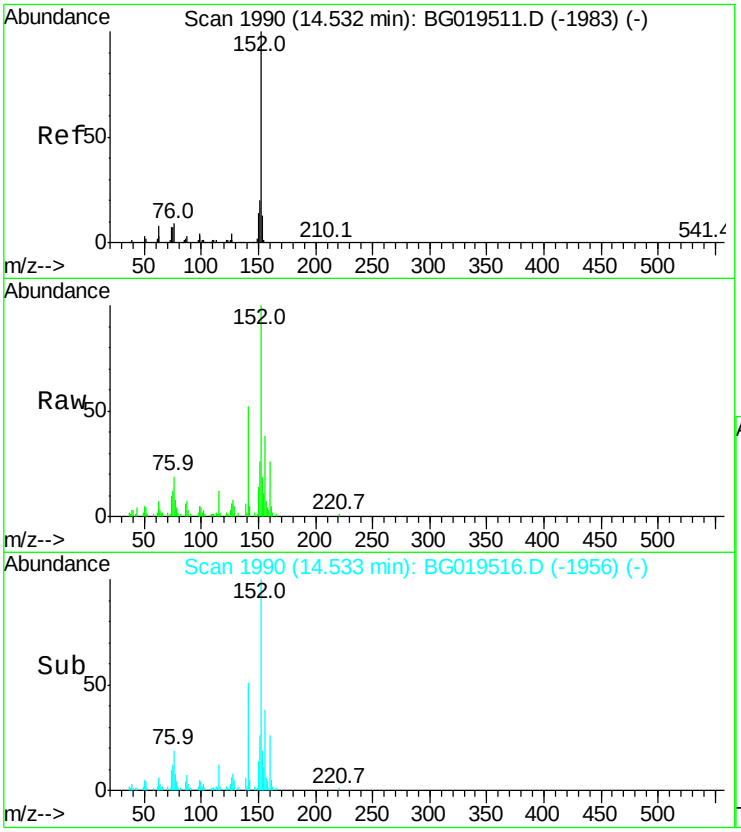


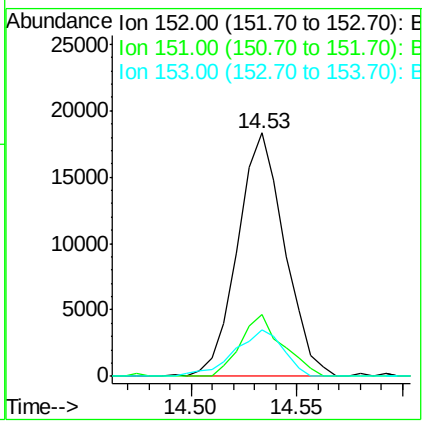


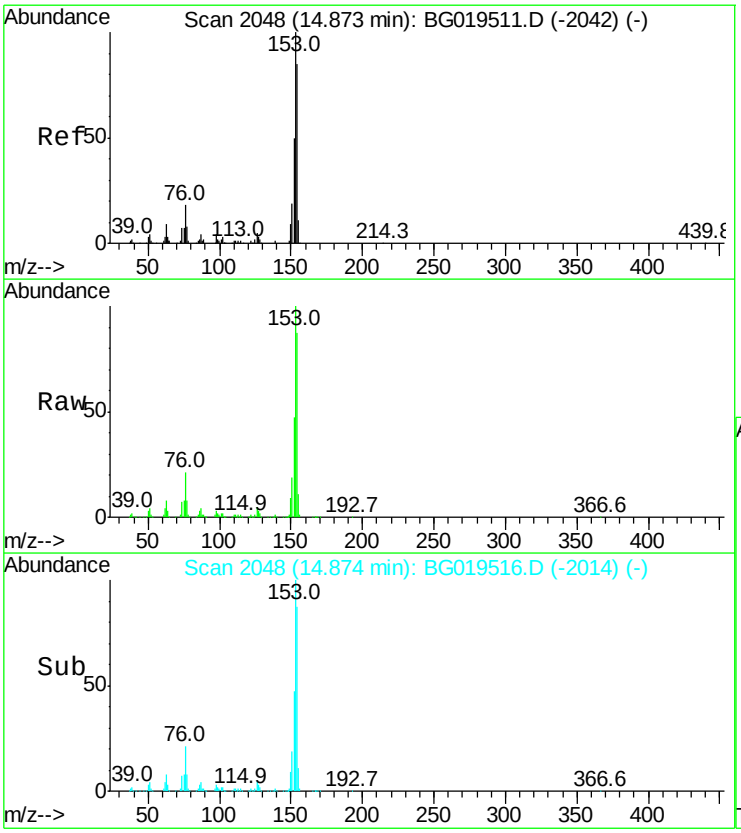
#48
Acenaphthylene
Concen: 2.33 ng/ul
RT: 14.53 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG019516.D
Acq: 6 Nov 2015 17:35

Instrument :
BNA_G
ClientSampleId :
BCY48

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#

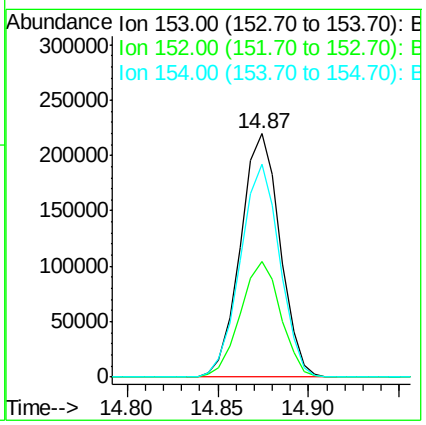


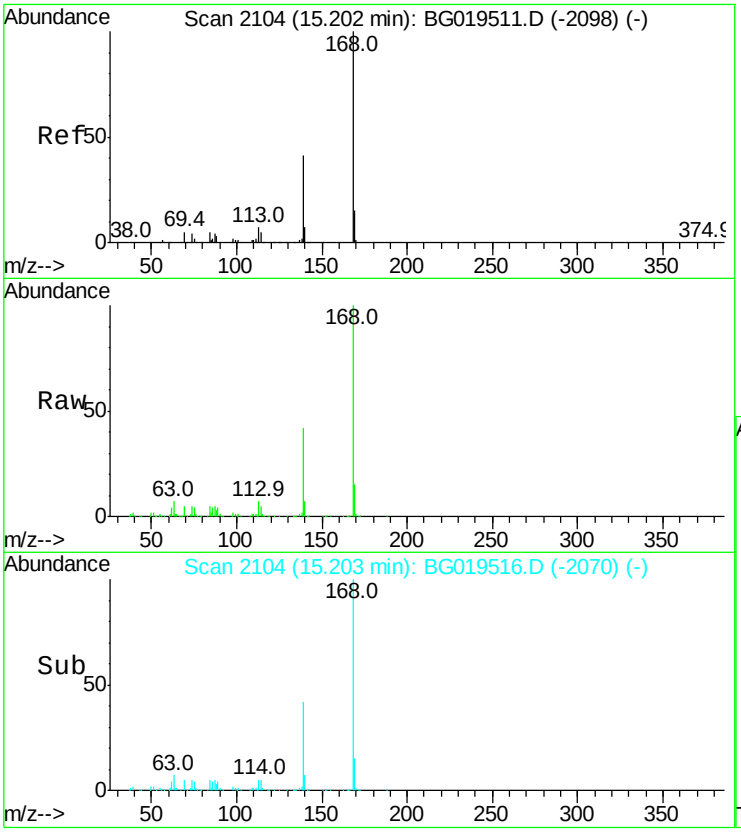


#50
Acenaphthene
Concen: 40.69 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019516.D
Acq: 6 Nov 2015 17:35

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



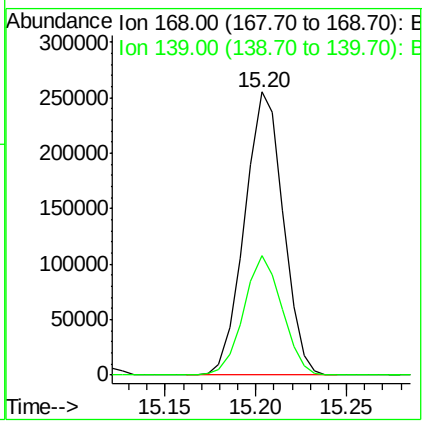


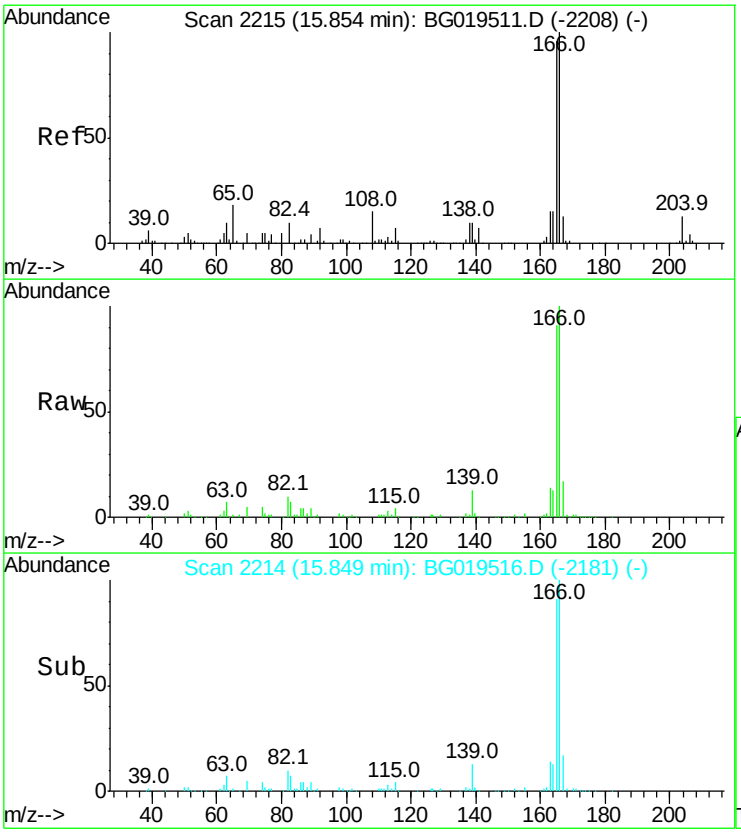
#54
Dibenzofuran
Concen: 31.42 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG019516.D
Acq: 6 Nov 2015 17:35

Instrument :
BNA_G
ClientSampleId :
BCY48

Tgt Ion:168 Resp: 378746

Ion	Ratio	Lower	Upper
168	100		
139	42.1	32.4	48.6

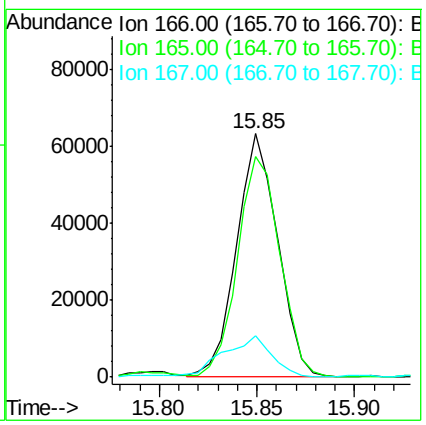


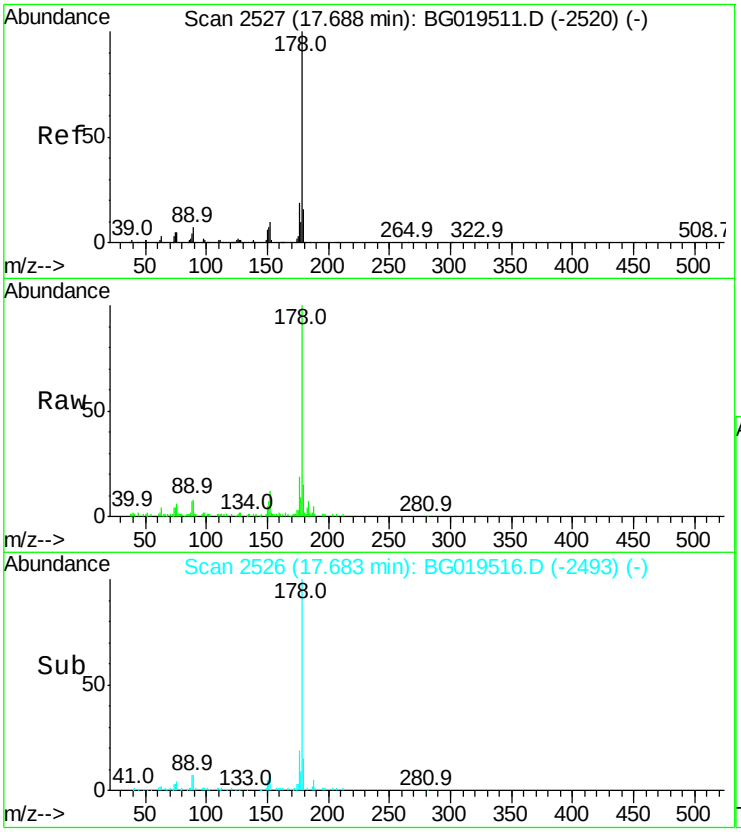


#59
Fluorene
Concen: 8.80 ng/ul
RT: 15.85 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG019516.D
Acq: 6 Nov 2015 17:35

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#



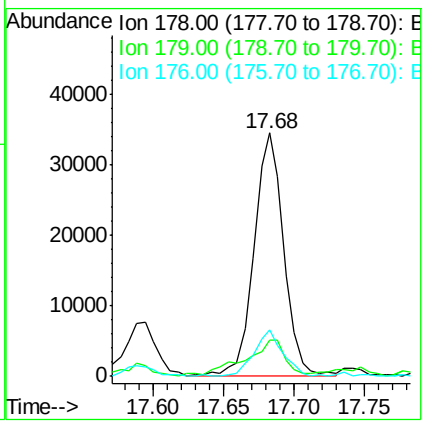


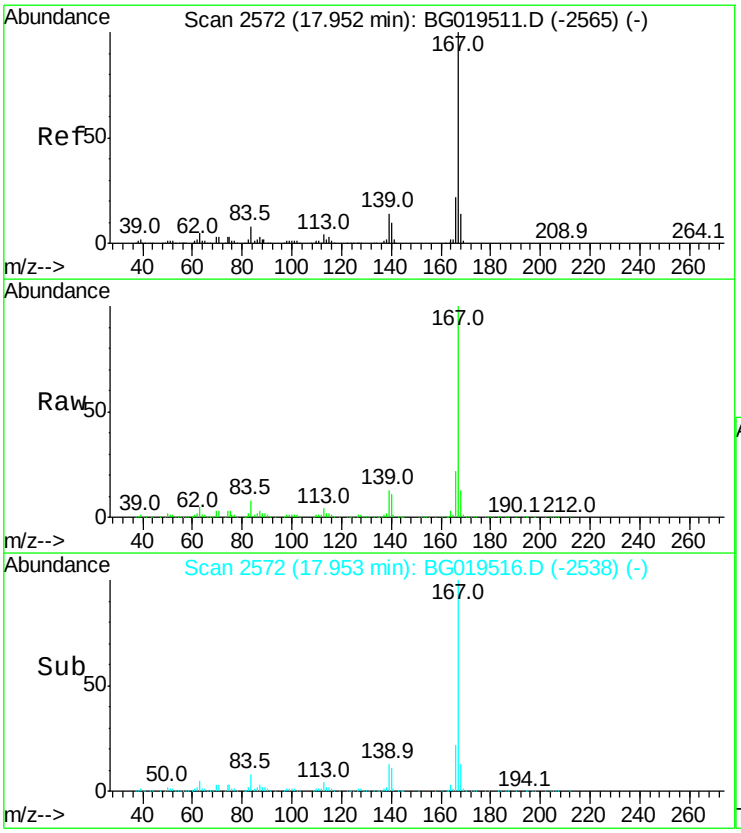
#72
Anthracene
Concen: 2.76 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG019516.D
Acq: 6 Nov 2015 17:35

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

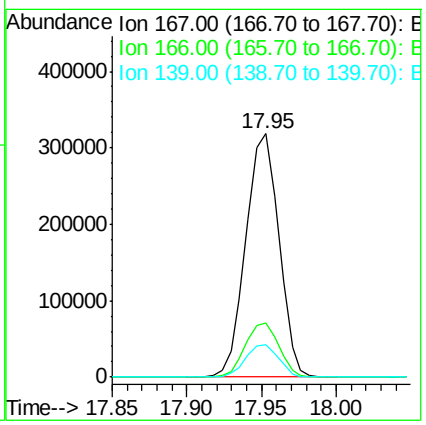


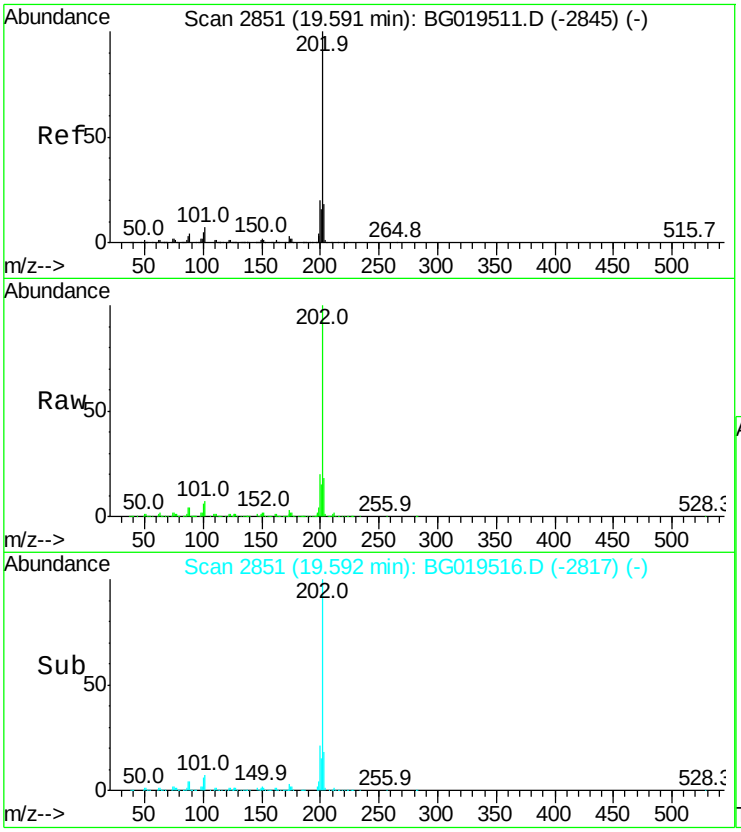


#75
Carbazole
Concen: 32.97 ng/ul
RT: 17.95 min Scan# 2572
Delta R.T. 0.00 min
Lab File: BG019516.D
Acq: 6 Nov 2015 17:35

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



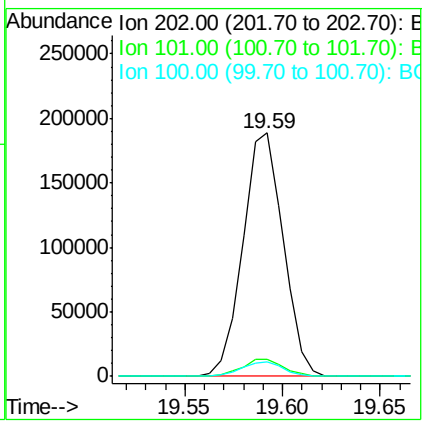


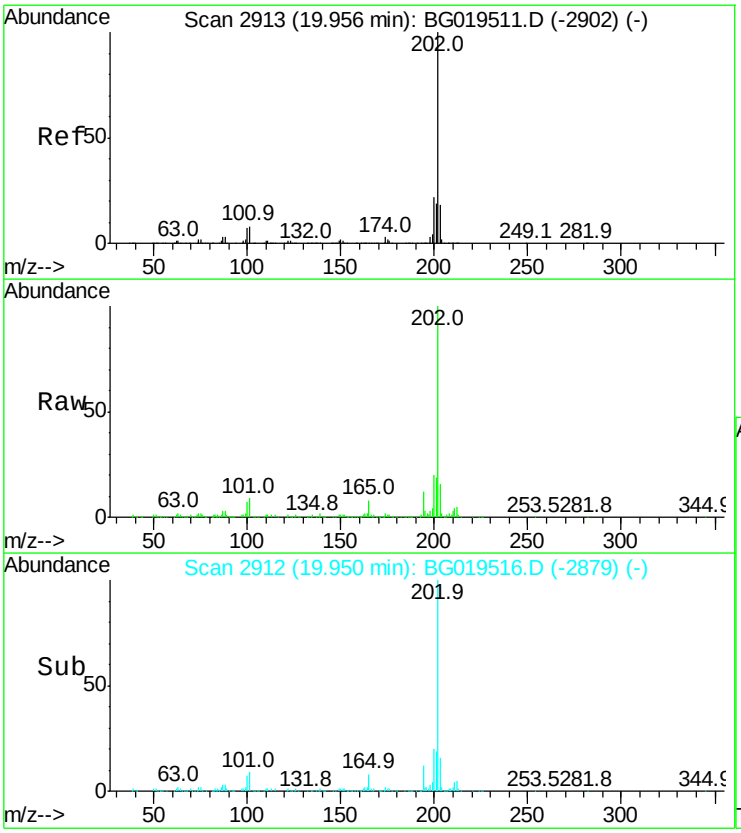
#77
Fluoranthene
Concen: 11.44 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG019516.D
Acq: 6 Nov 2015 17:35

Instrument :
BNA_G
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#





#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#