Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019517.D
Acq On : 6 Nov 2015 18:14
Operator : UM/NP
Sample : G4245-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY50

Quant Time: Nov 07 00:10:39 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	37795	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	160457	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	124387	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	341590	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	443680	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	425010	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	684	0.87	ng/uL	0.01
5) Phenol-d5	7.32	99	17506	5.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	61759	28.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	43583	20.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	34795	12.59	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	34300	29.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	36391	26.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	74752	24.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	7852	2.56	ng/ul	0.01
44) Dimethylphthalate-d6	14.20	166	275602	26.87	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	321628	28.32	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	8013	4.92	ng/ul	0.00
58) Fluorene-d10	15.80	176	255816	26.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	52329	23.67	ng/ul	0.00
71) Anthracene-d10	17.65	188	430582	27.65	ng/ul	0.00
79) Pyrene-d10	19.93	212	513280	26.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	581515	27.27	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.08	128	3911363	487.19	ng/ul#	82
30) 4-Chloroaniline	11.08	127	731572	227.15	ng/ul#	4
35) 1-Methylnaphthalene	12.87	142	535549	87.73	ng/ul	98
41) 1,1'-Biphenyl	13.65	154	302545	34.41	ng/ul#	96
50) Acenaphthene	14.87	153	598661	76.19	ng/ul	97
54) Dibenzofuran	15.21	168	834093	72.08	ng/ul	94
59) Fluorene	15.85	166	323669	32.06	ng/ul#	98
61) 4-Nitroaniline	15.85	138	4322	2.06	ng/ul#	1
70) Phenanthrene	17.59	178	826335	47.93	ng/ul	97
72) Anthracene	17.68	178	53854	3.06	ng/ul	99
75) Carbazole	17.95	167	736814	52.55	ng/ul	94
77) Fluoranthene	19.59	202	155044	6.95	ng/ul#	94
80) Pyrene	19.95	202	93038	3.74	ng/ul#	91

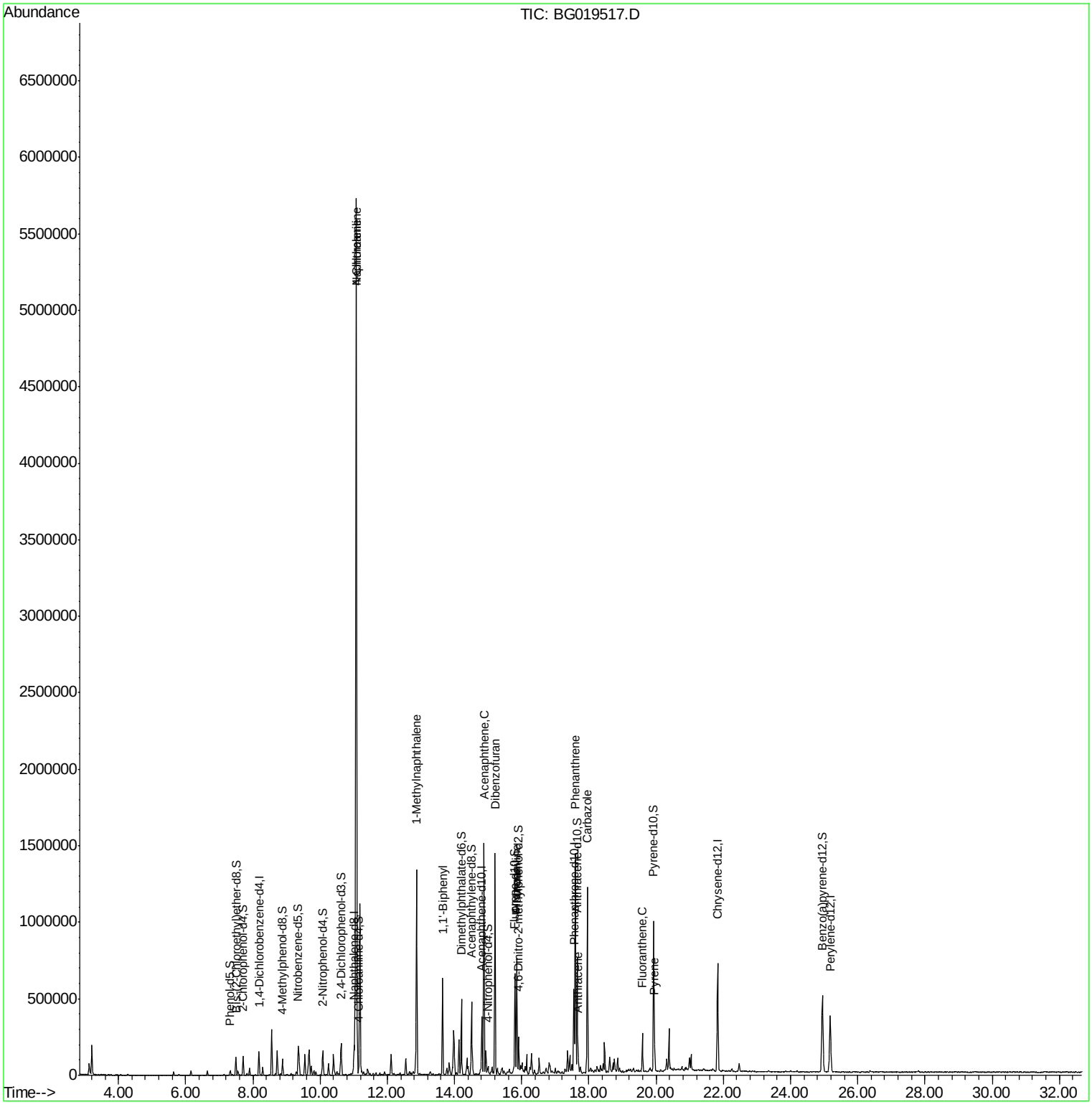
(#) = qualifier out of range (m) = manual integration (+) = signals summed

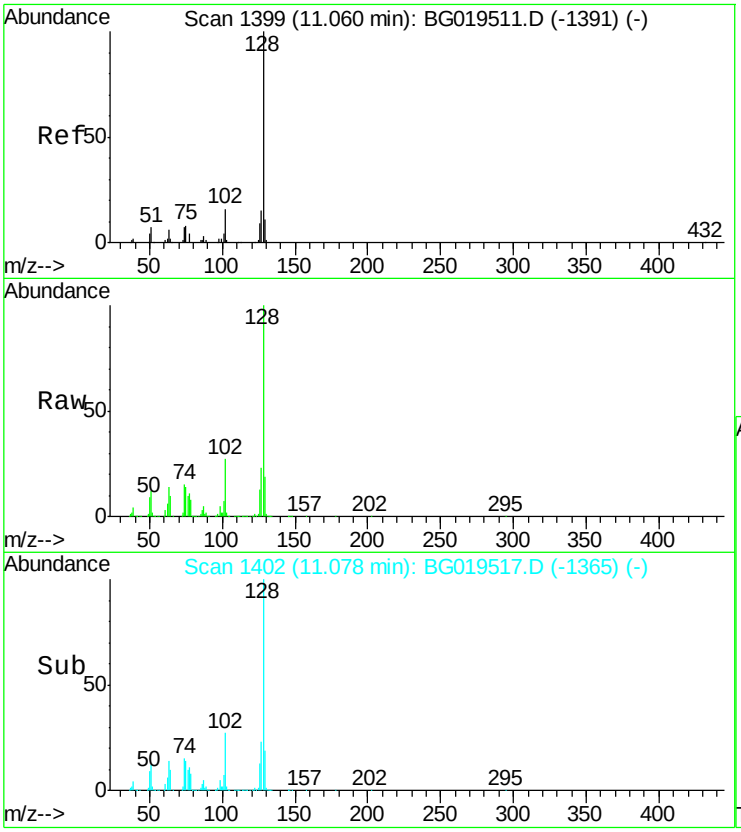
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019517.D
Acq On : 6 Nov 2015 18:14
Operator : UM/NP
Sample : G4245-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY50

Quant Time: Nov 07 00:10:39 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



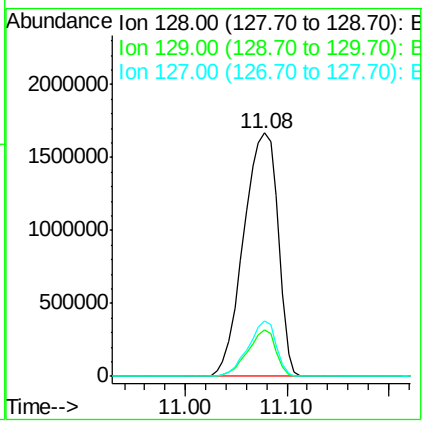


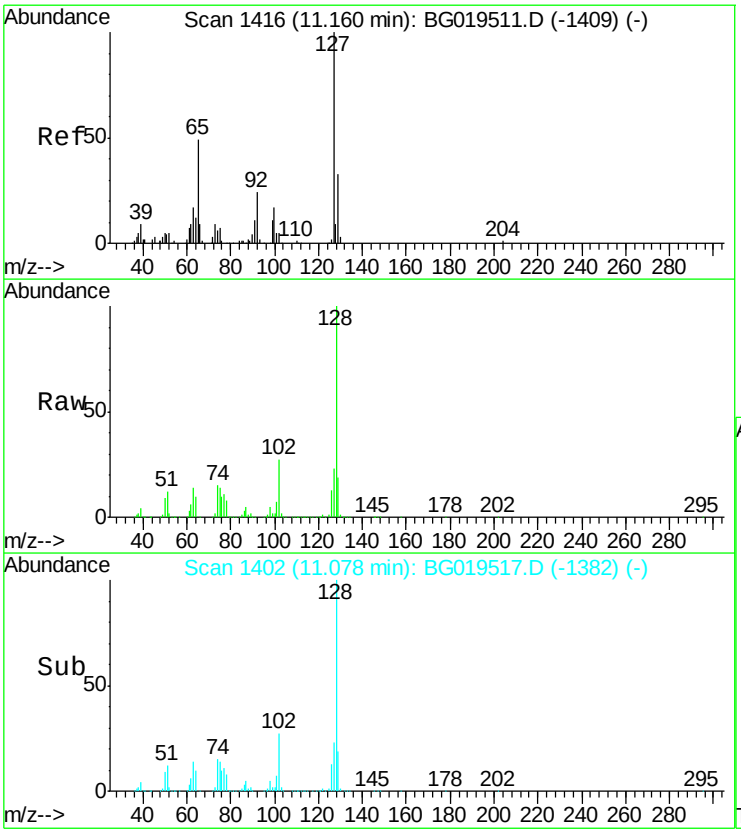
#28
Naphthalene
Concen: 487.19 ng/ul
RT: 11.08 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Instrument :
BNA_G
ClientSampleId :
BCY50

Tgt Ion:128 Resp: 3911363

Ion	Ratio	Lower	Upper
128	100		
129	19.2	8.9	13.3#
127	23.0	13.1	19.7#

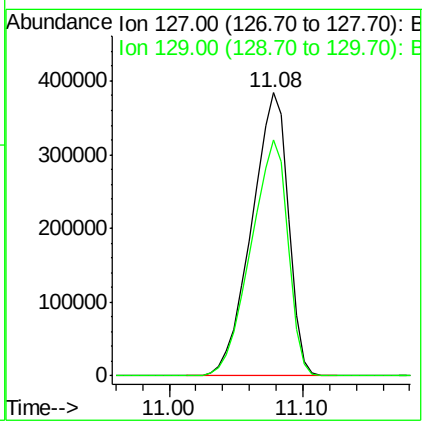


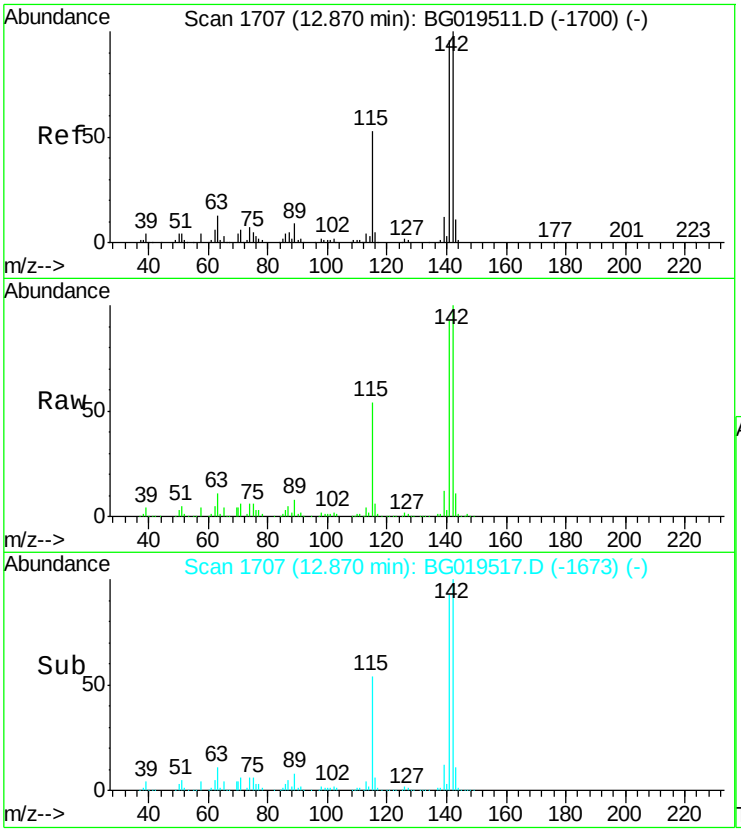


#30
4-Chloroaniline
Concen: 227.15 ng/ul
RT: 11.08 min Scan# 1402
Delta R.T. -0.08 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Tgt Ion:127 Resp: 731572

Ion	Ratio	Lower	Upper
127	100		
129	83.4	24.6	36.8#



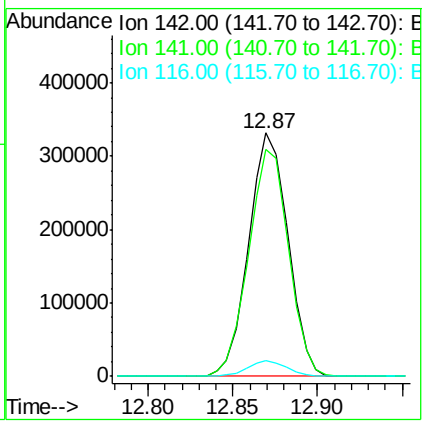


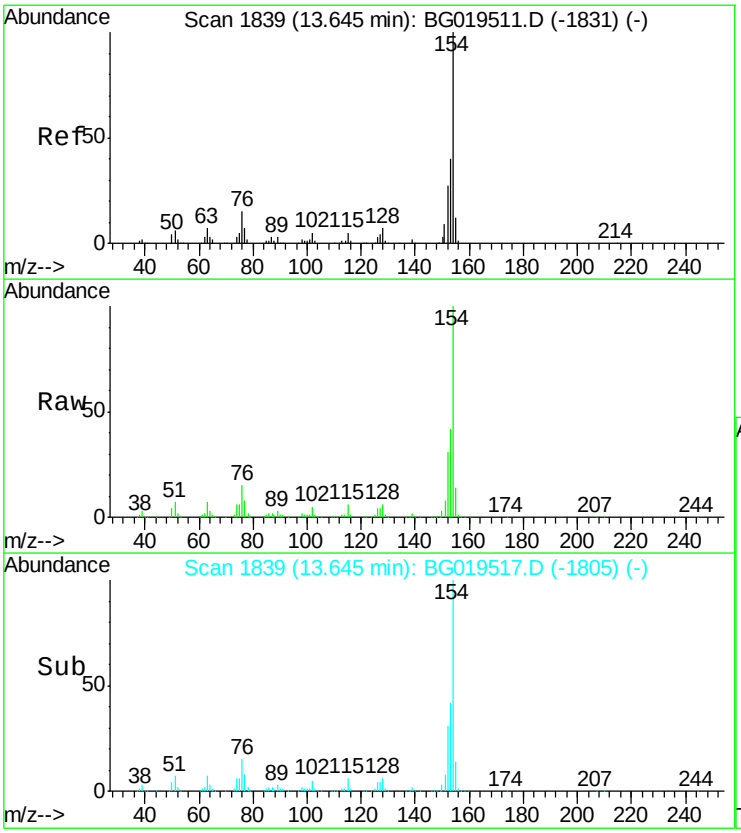
#35
1-Methylnaphthalene
Concen: 87.73 ng/ul
RT: 12.87 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Instrument :
BNA_G
ClientSampleId :
BCY50

Tgt Ion:142 Resp: 535549

Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.5	114.7
116	6.3	5.4	8.0

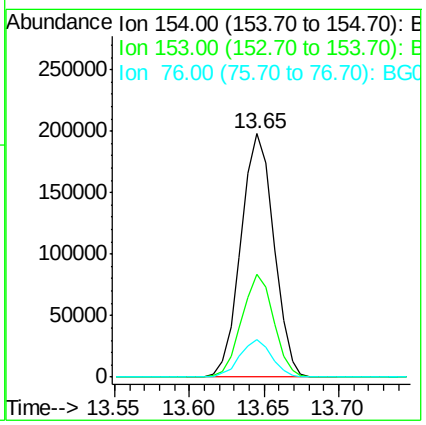


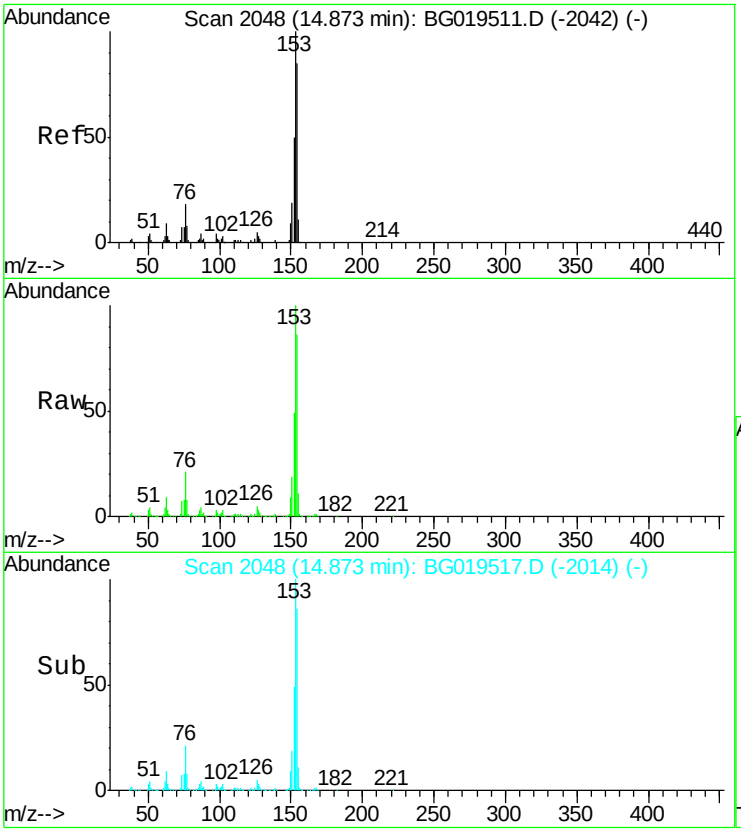


#41
1,1'-Biphenyl
Concen: 34.41 ng/ul
RT: 13.65 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Tgt Ion:154 Resp: 302545

Ion	Ratio	Lower	Upper
154	100		
153	42.1	32.8	49.2
76	15.3	7.7	11.5#



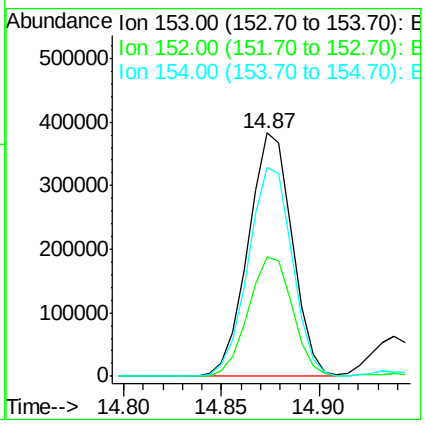


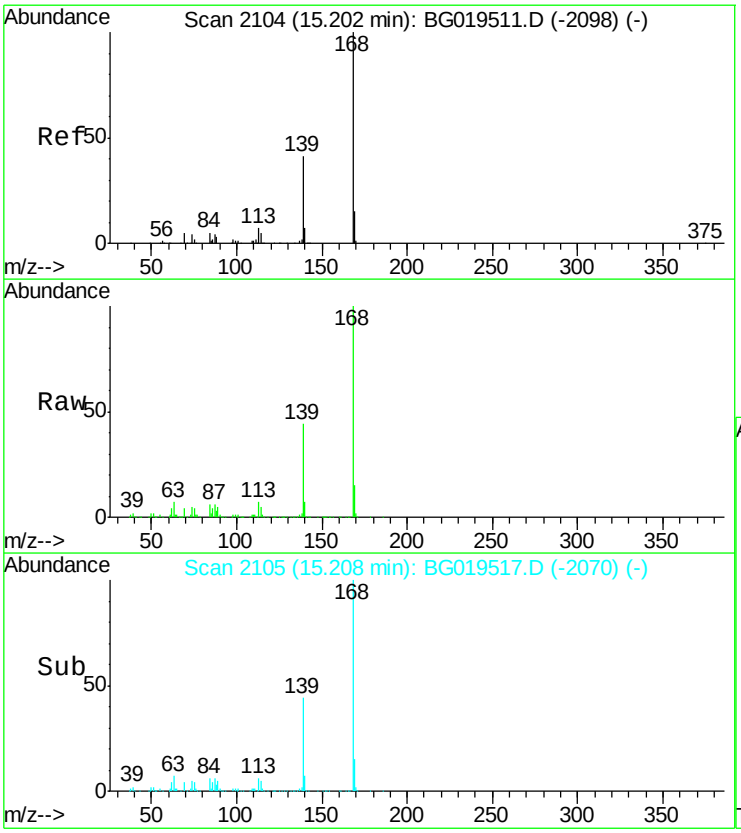
#50
Acenaphthene
Concen: 76.19 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Instrument :
BNA_G
ClientSampleId :
BCY50

Tgt Ion:153 Resp: 598661

Ion	Ratio	Lower	Upper
153	100		
152	49.3	38.8	58.2
154	86.0	71.5	107.3

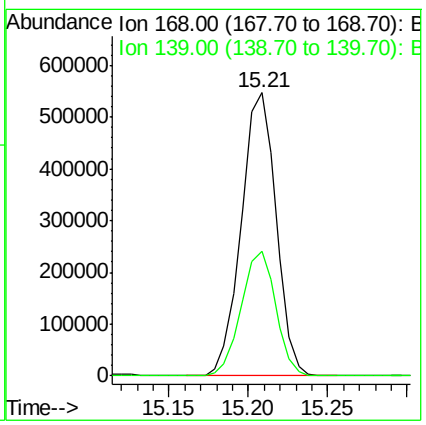


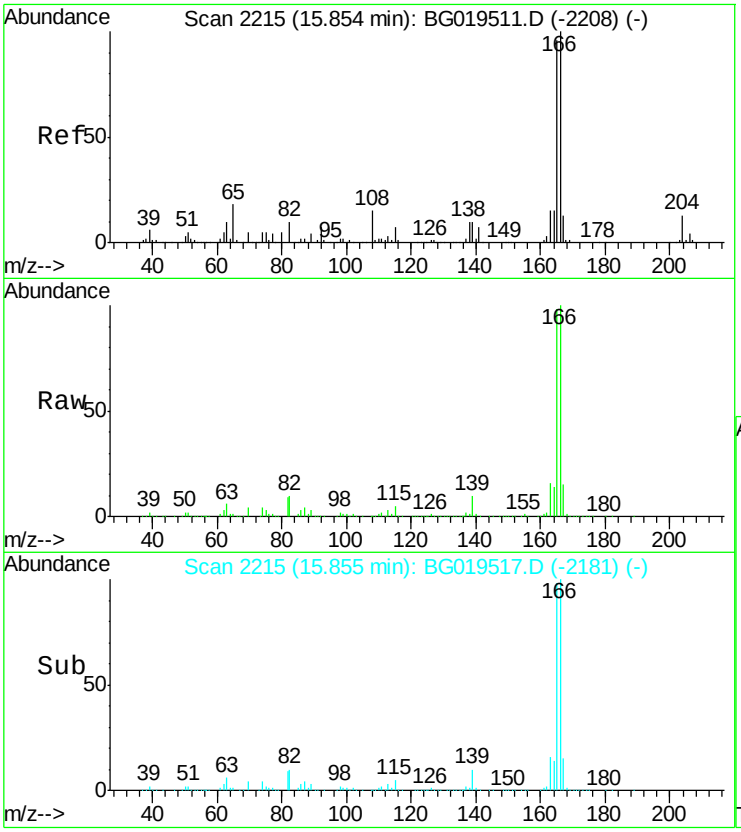


#54
Dibenzofuran
Concen: 72.08 ng/ul
RT: 15.21 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Tgt Ion:168 Resp: 834093

Ion	Ratio	Lower	Upper
168	100		
139	44.2	32.4	48.6



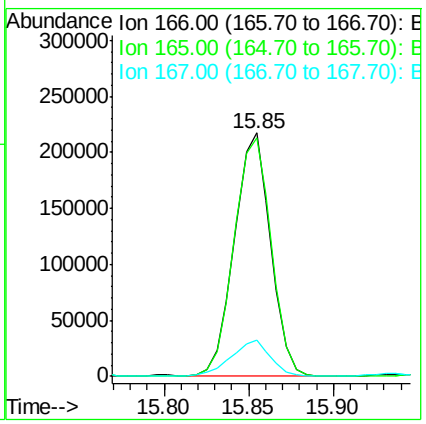


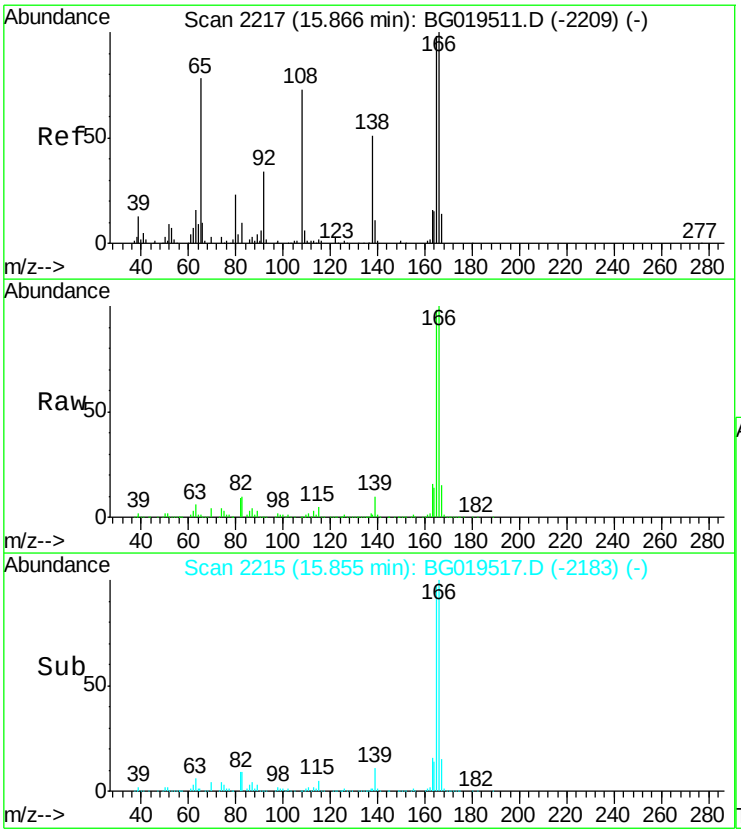
#59
Fluorene
Concen: 32.06 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Instrument :
BNA_G
ClientSampleId :
BCY50

Tgt Ion:166 Resp: 323669

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.6	116.4
167	14.8	9.6	14.4#

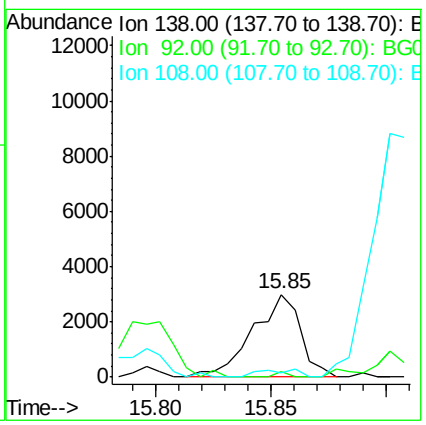


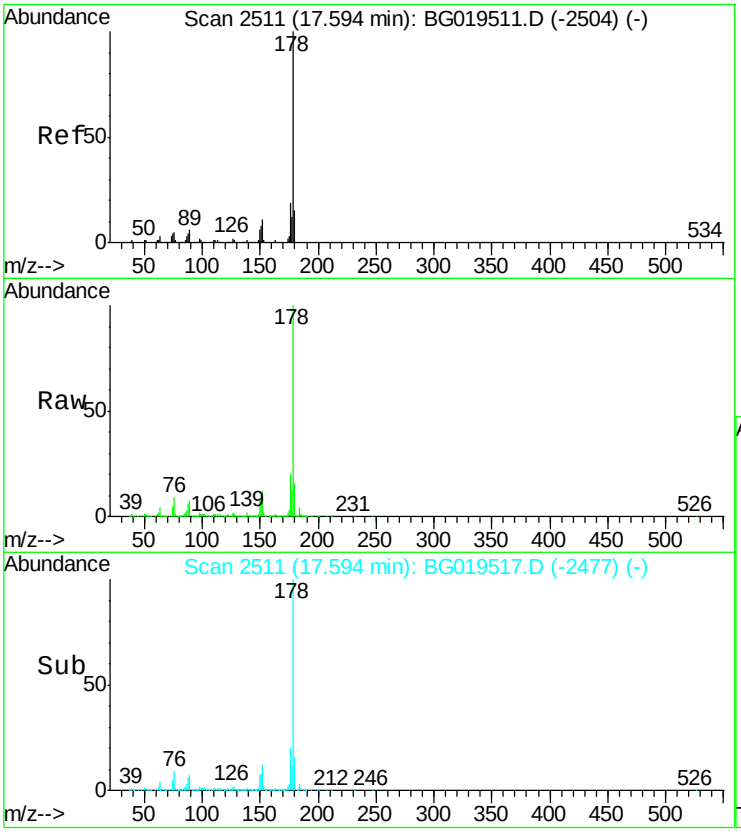


#61
4-Nitroaniline
Concen: 2.06 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Tgt Ion:138 Resp: 4322

Ion	Ratio	Lower	Upper
138	100		
92	7.2	53.9	80.9#
108	5.3	122.5	183.7#



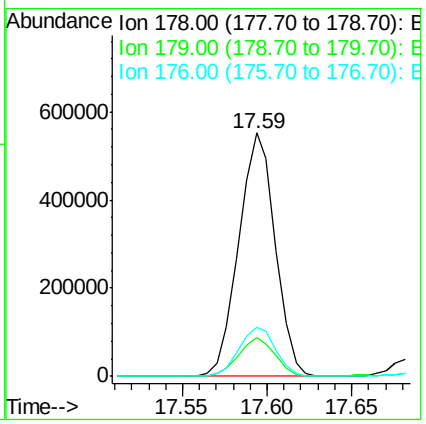


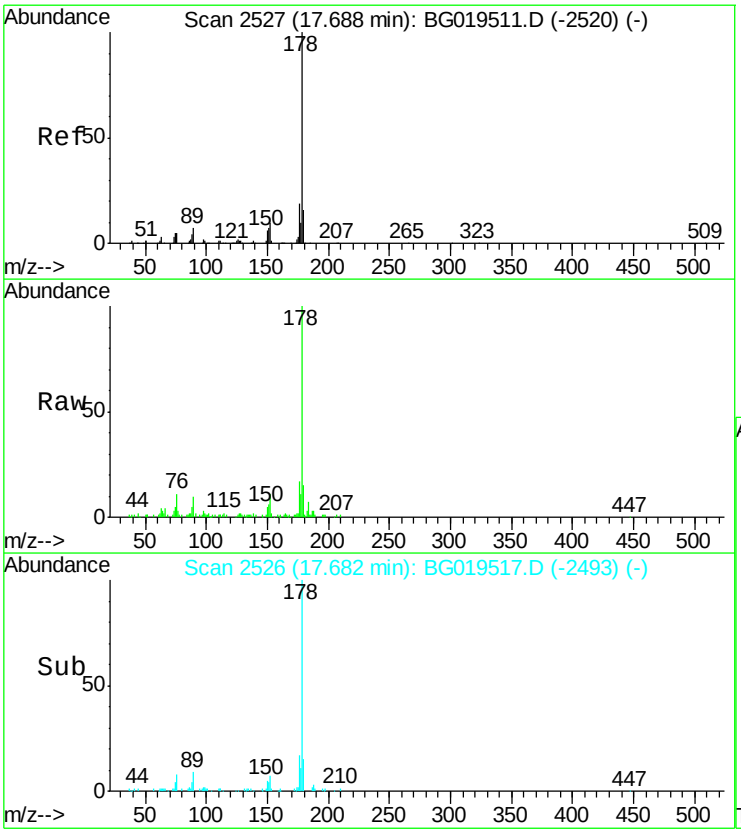
#70
Phenanthrene
Concen: 47.93 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Instrument :
BNA_G
ClientSampleId :
BCY50

Tgt Ion:178 Resp: 826335

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	20.0	14.3	21.5

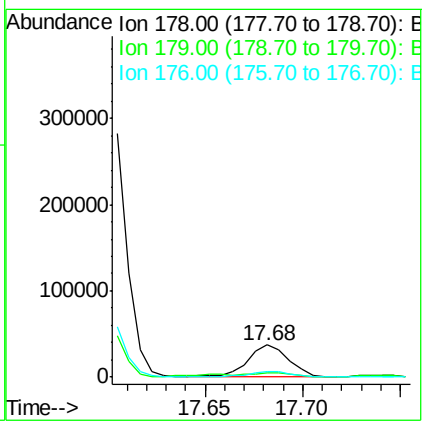


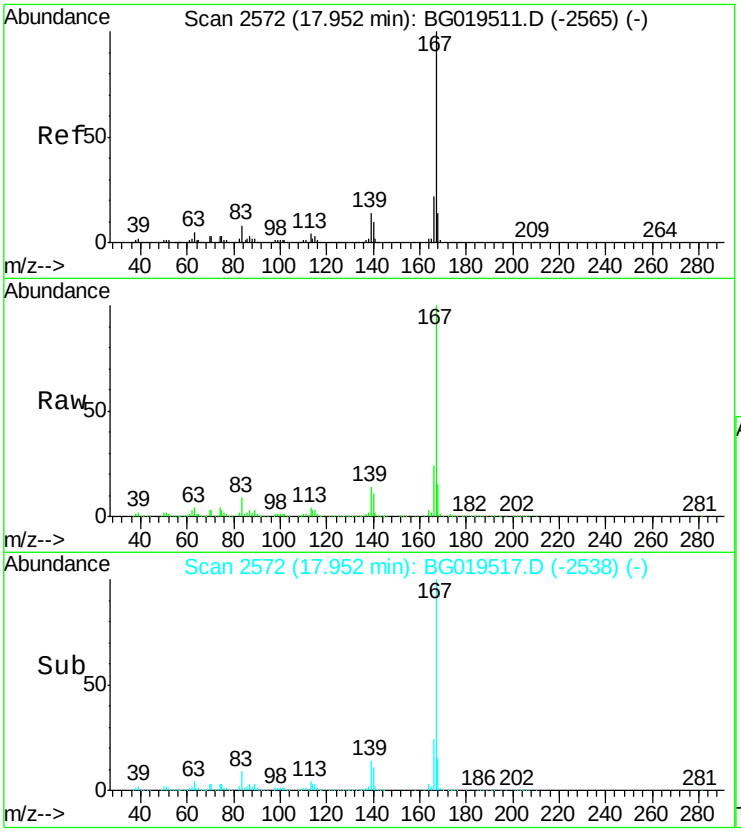


#72
Anthracene
Concen: 3.06 ng/ul
RT: 17.68 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Tgt Ion:178 Resp: 53854

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.6	17.4
176	17.4	14.2	21.4



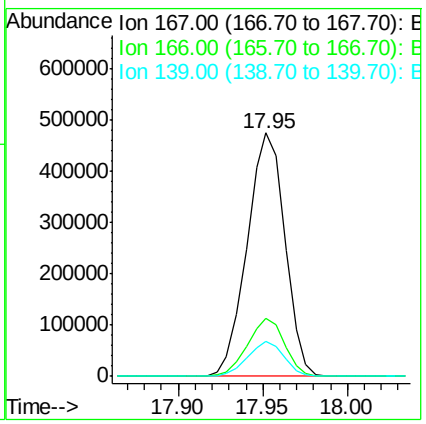


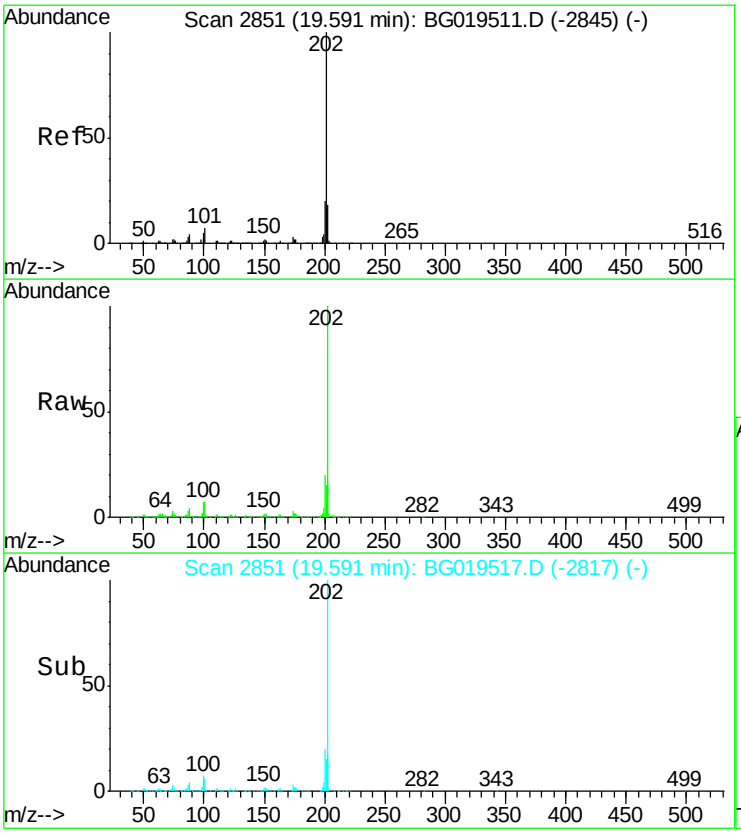
#75
Carbazole
Concen: 52.55 ng/ul
RT: 17.95 min Scan# 2572
Delta R.T. 0.00 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Instrument :
BNA_G
ClientSampleId :
BCY50

Tgt Ion:167 Resp: 736814

Ion	Ratio	Lower	Upper
167	100		
166	23.9	16.8	25.2
139	14.5	9.8	14.6

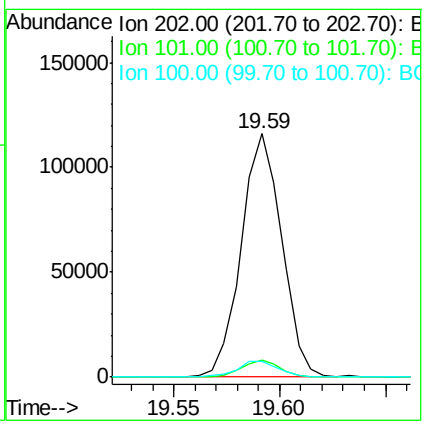


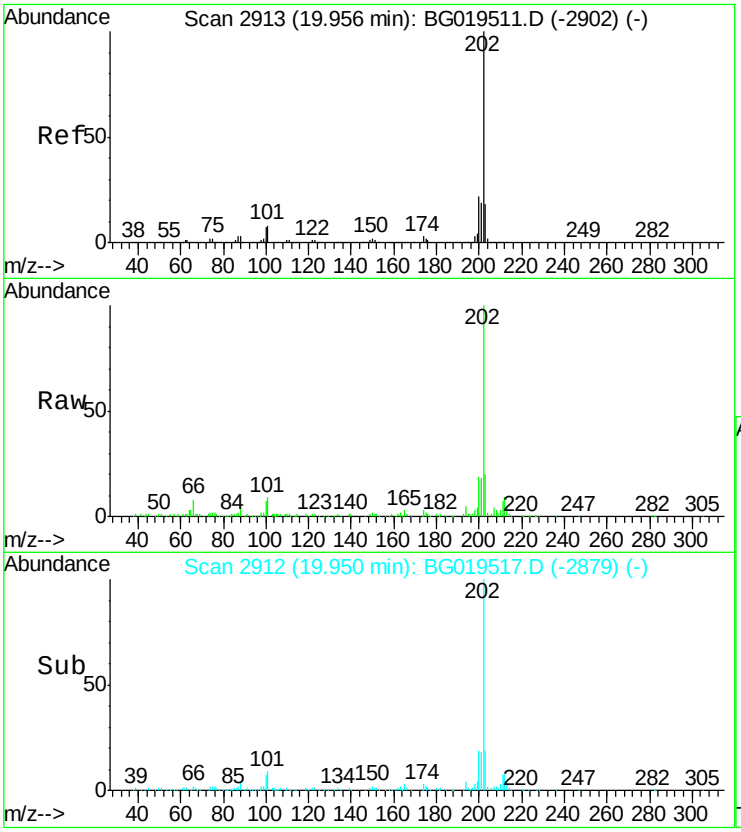


#77
Fluoranthene
Concen: 6.95 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Tgt Ion:202 Resp: 155044

Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.0	6.0#
100	6.7	3.6	5.4#





#80
Pyrene
Concen: 3.74 ng/ul
RT: 19.95 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BG019517.D
Acq: 6 Nov 2015 18:14

Instrument :
BNA_G
ClientSampleId :
BCY50

Tgt Ion:202 Resp: 93038

Ion	Ratio	Lower	Upper
202	100		
101	8.8	4.3	6.5#
100	7.4	3.6	5.4#