Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019518.D
Acq On : 6 Nov 2015 18:52
Operator : UM/NP
Sample : G4245-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY51

Quant Time: Nov 07 00:10:59 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	40318	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	177809	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.81	164	136433	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	345781	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	449724	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	430556	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	452	0.54	ng/uL	0.00
5) Phenol-d5	7.33	99	23885	6.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	85232	36.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	61293	26.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	46404	15.74	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	47305	36.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	52435	33.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	94881	28.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	26210	7.70	ng/ul	0.03
44) Dimethylphthalate-d6	14.21	166	371683	33.04	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	418404	33.59	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	12508	7.00	ng/ul	0.00
58) Fluorene-d10	15.80	176	335749	32.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	65214	29.14	ng/ul	0.00
71) Anthracene-d10	17.66	188	553948	35.14	ng/ul	0.00
79) Pyrene-d10	19.92	212	645784	32.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	754718	34.93	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.31	77	13153	5.46	ng/ul#	1
14) Acetophenone	8.99	105	7282	1.47	ng/ul#	40
17) Hexachloroethane	9.29	117	23450	18.88	ng/ul#	1
28) Naphthalene	11.14	128	11838202	1330.64	ng/ul#	1
30) 4-Chloroaniline	11.14	127	4975527	1394.10	ng/ul#	1
34) 2-Methylnaphthalene	12.66	142	1163129	162.69	ng/ul	99
35) 1-Methylnaphthalene	12.88	142	2230961	329.81	ng/ul	98
41) 1,1'-Biphenyl	13.65	154	940528	97.52	ng/ul#	94
46) 2,6-Dinitrotoluene	14.22	165	2778	1.19	ng/ul#	38
48) Acenaphthylene	14.54	152	42335	3.32	ng/ul#	75
50) Acenaphthene	14.89	153	2183853	253.39	ng/ul	95
54) Dibenzofuran	15.22	168	2538563	200.00	ng/ul#	78
59) Fluorene	15.86	166	1732962	156.51	ng/ul#	97
61) 4-Nitroaniline	15.86	138	25413	11.03	ng/ul#	1
70) Phenanthrene	17.68	178	285311	16.35	ng/ul	98
72) Anthracene	17.68	178	285311	16.04	ng/ul	97
75) Carbazole	17.97	167	2583921	182.04	ng/ul#	82
77) Fluoranthene	19.59	202	460647	20.39	ng/ul#	96
80) Pyrene	19.95	202	270750	10.73	ng/ul#	94

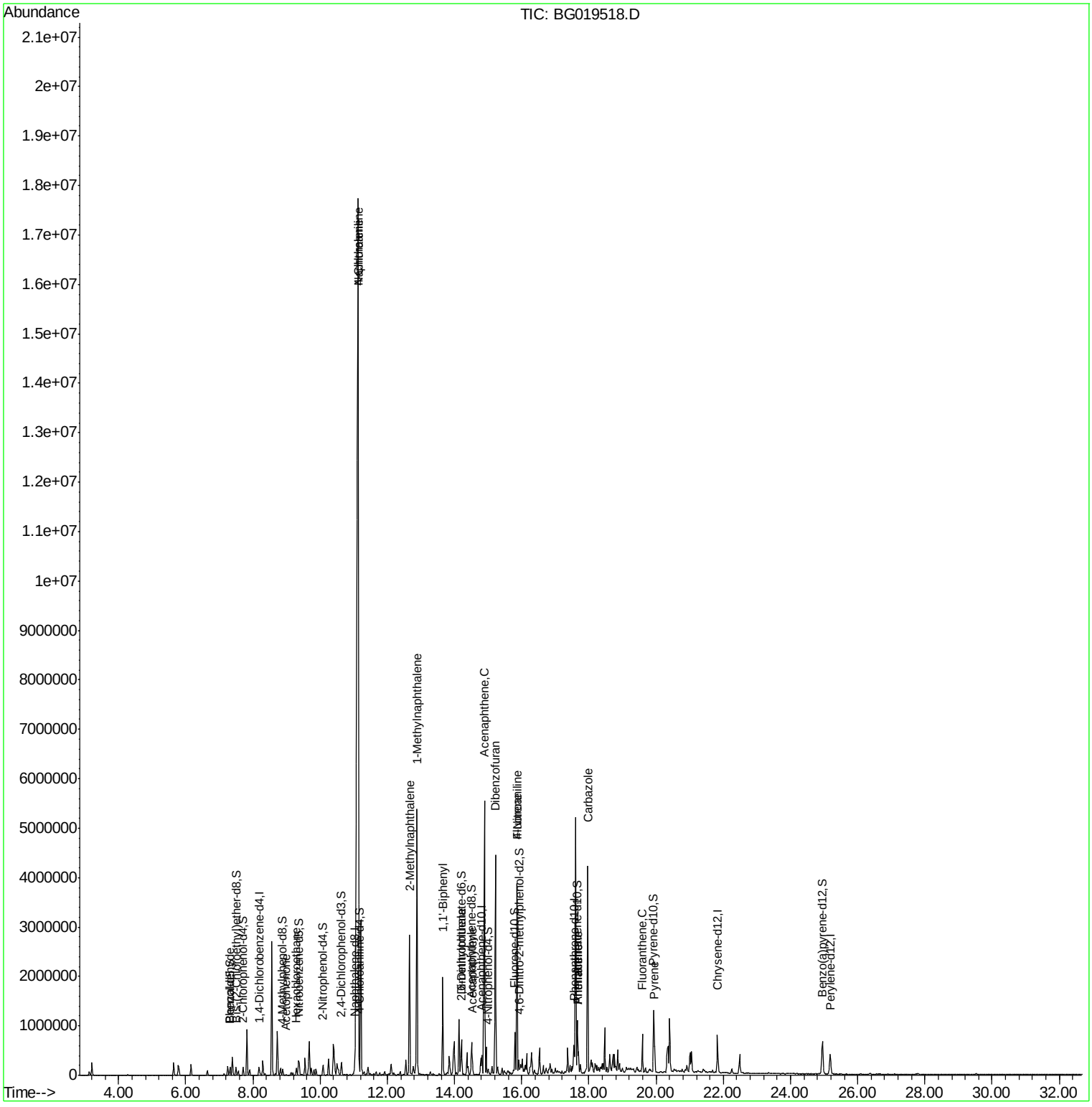
(#) = qualifier out of range (m) = manual integration (+) = signals summed

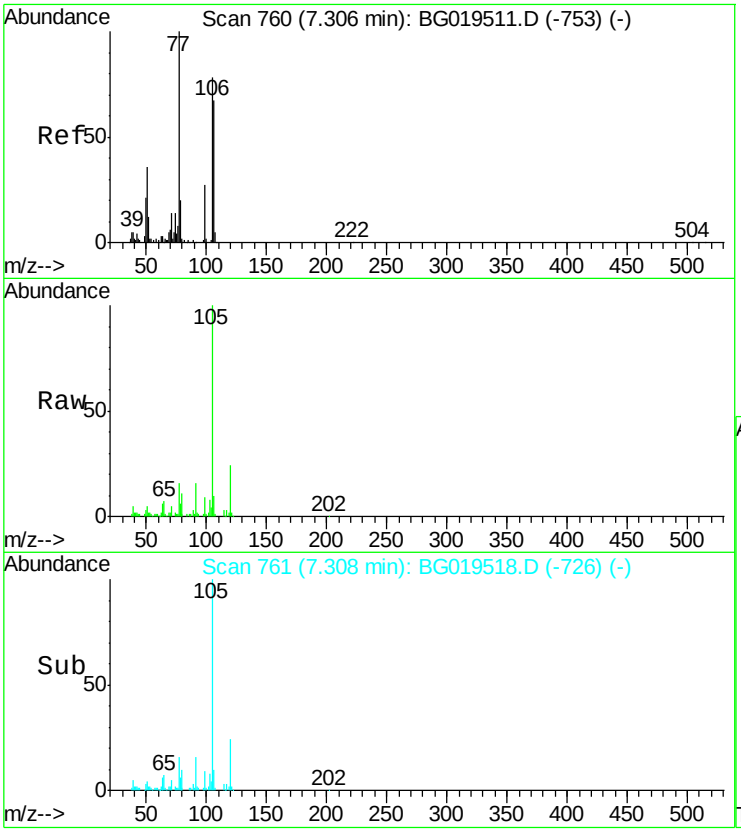
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019518.D
Acq On : 6 Nov 2015 18:52
Operator : UM/NP
Sample : G4245-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY51

Quant Time: Nov 07 00:10:59 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



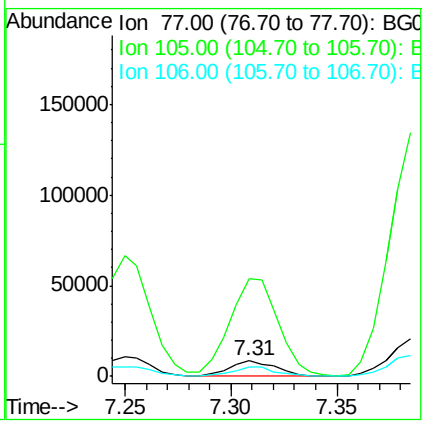


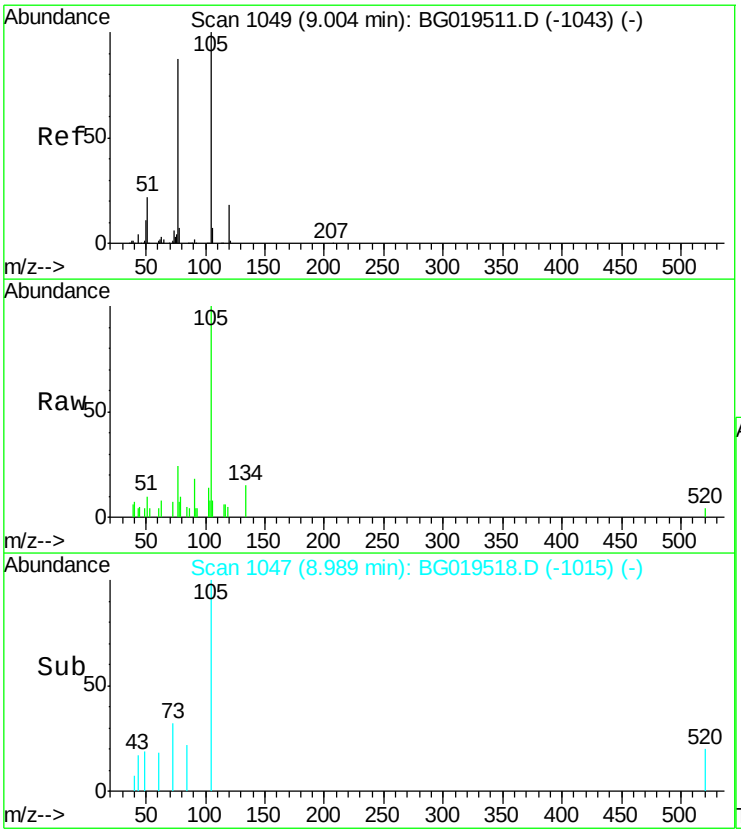
#4
Benzaldehyde
Concen: 5.46 ng/ul
RT: 7.31 min Scan# 761
Delta R.T. 0.00 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Instrument :
BNA_G
ClientSampleId :
BCY51

Tgt Ion: 77 Resp: 13153

Ion	Ratio	Lower	Upper
77	100		
105	642.1	61.6	92.4#
106	62.4	56.4	84.6

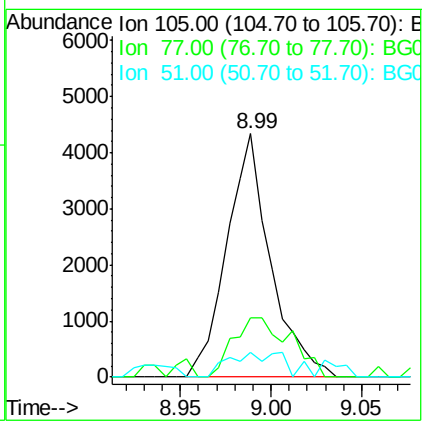


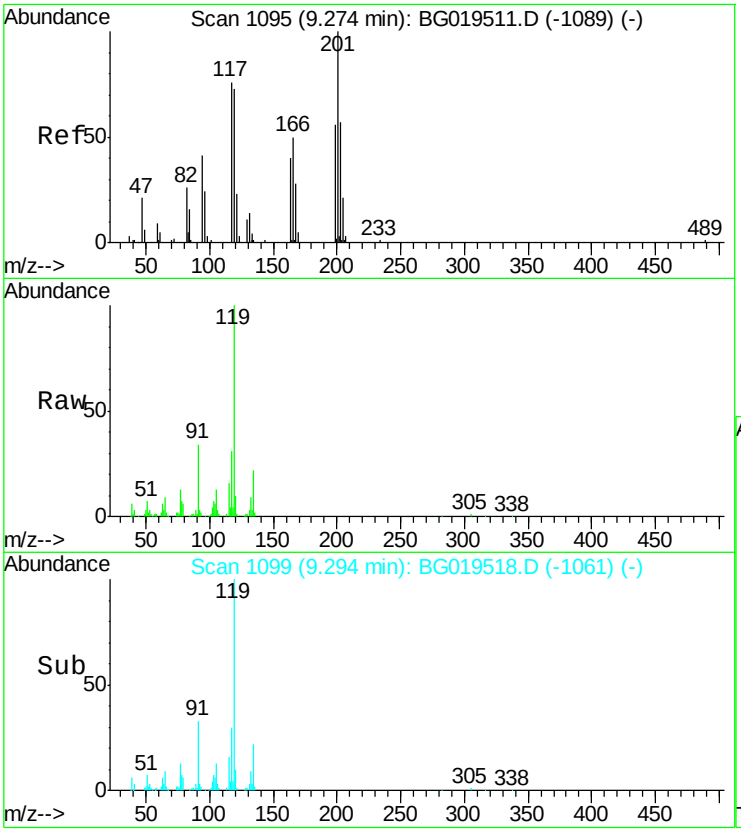


#14
Acetophenone
Concen: 1.47 ng/ul
RT: 8.99 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Tgt Ion:105 Resp: 7282

Ion	Ratio	Lower	Upper
105	100		
77	24.1	69.5	104.3#
51	10.3	21.8	32.6#



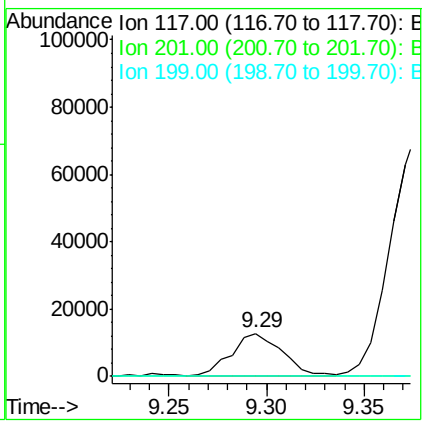


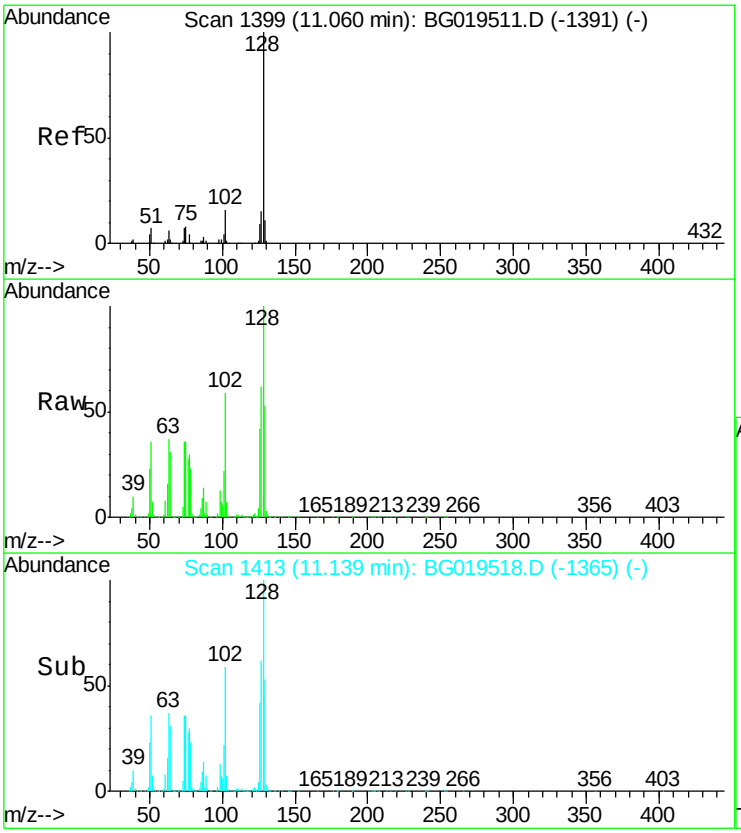
#17
Hexachloroethane
Concen: 18.88 ng/ul
RT: 9.29 min Scan# 1099
Delta R.T. 0.02 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Instrument :
BNA_G
ClientSampleId :
BCY51

Tgt Ion:117 Resp: 23450

Ion	Ratio	Lower	Upper
117	100		
201	0.0	101.4	152.0#
199	0.0	71.7	107.5#

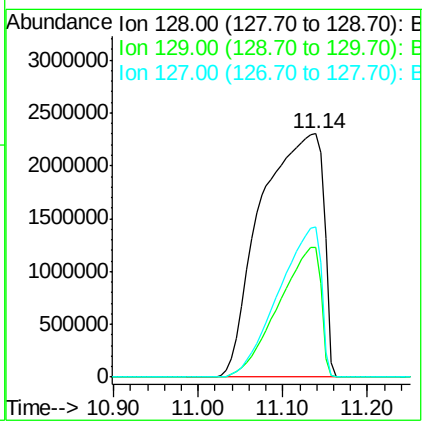


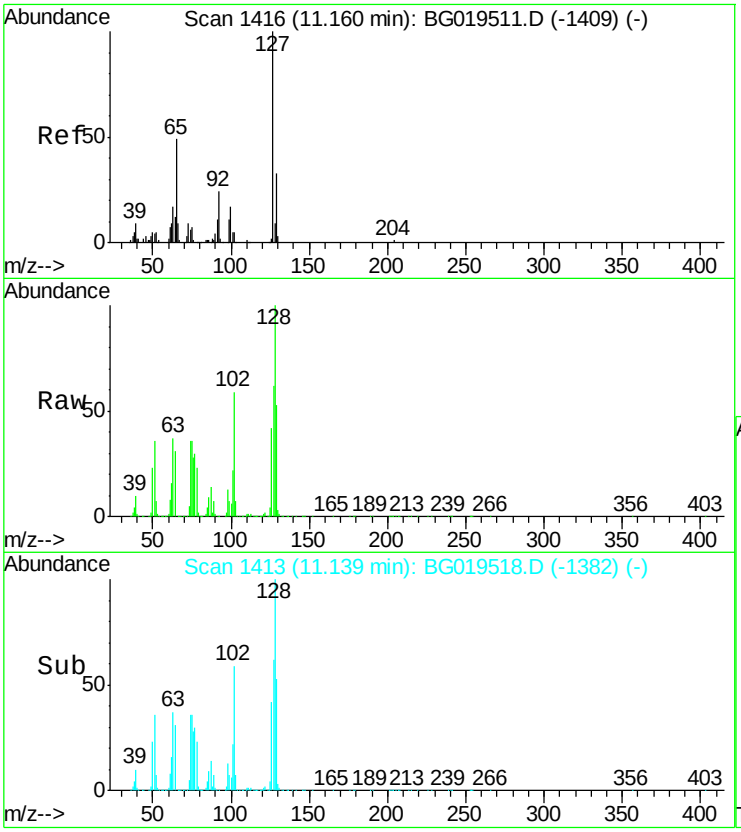


#28
Naphthalene
Concen: 1330.64 ng/ul
RT: 11.14 min Scan# 1413
Delta R.T. 0.08 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Tgt Ion:128 Resp:11838202

Ion	Ratio	Lower	Upper
128	100		
129	53.5	8.9	13.3#
127	61.7	13.1	19.7#



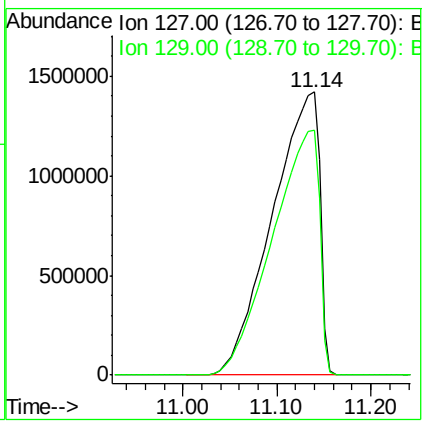


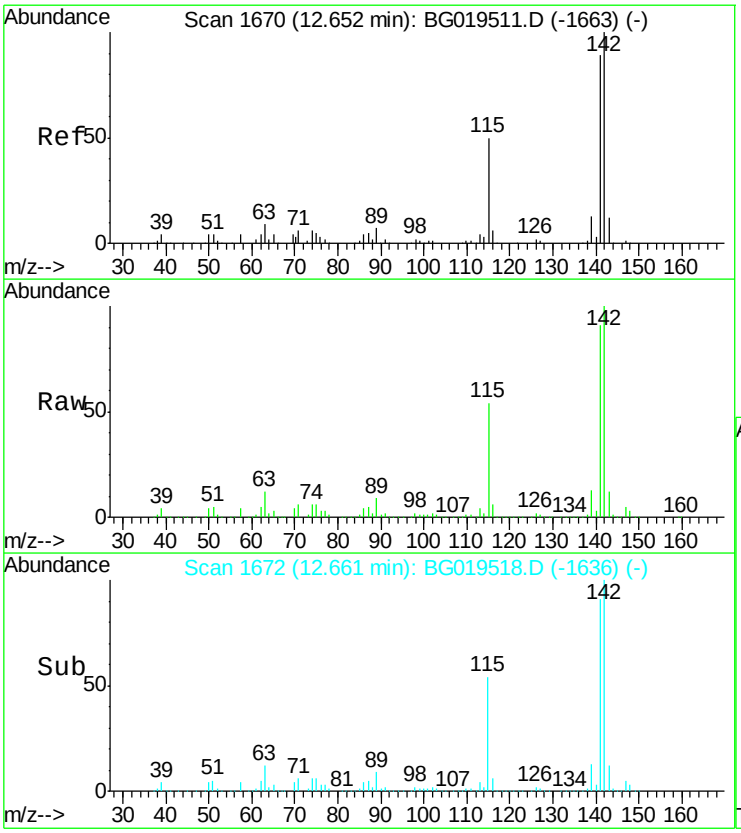
#30
4-Chloroaniline
Concen: 1394.10 ng/ul
RT: 11.14 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Instrument :
BNA_G
ClientSampleId :
BCY51

Tgt Ion:127 Resp: 4975527

Ion	Ratio	Lower	Upper
127	100		
129	86.7	24.6	36.8#

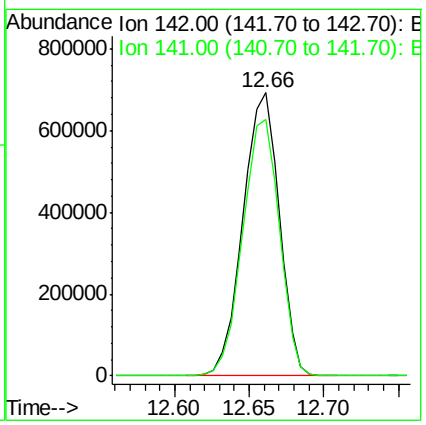


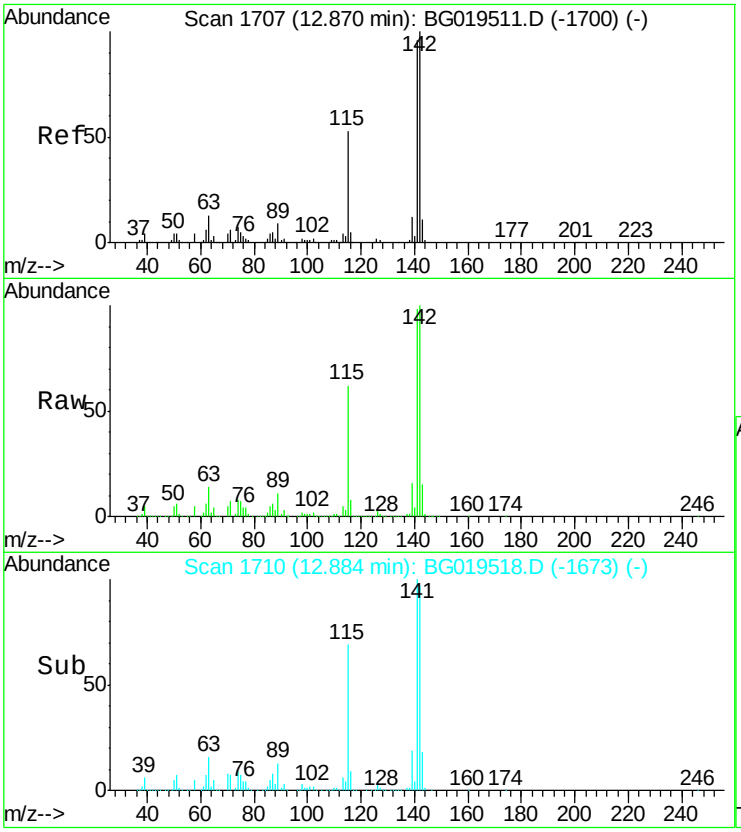


#34
2-Methylnaphthalene
Concen: 162.69 ng/ul
RT: 12.66 min Scan# 1672
Delta R.T. 0.01 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Tgt Ion:142 Resp: 1163129

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.4	110.2



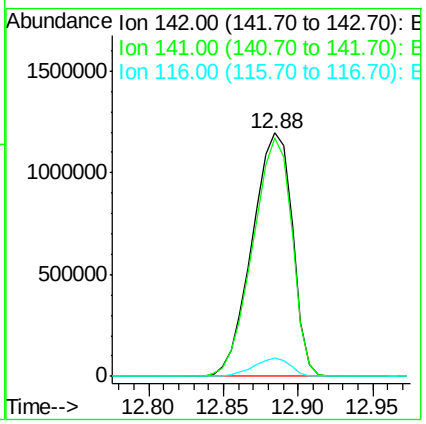


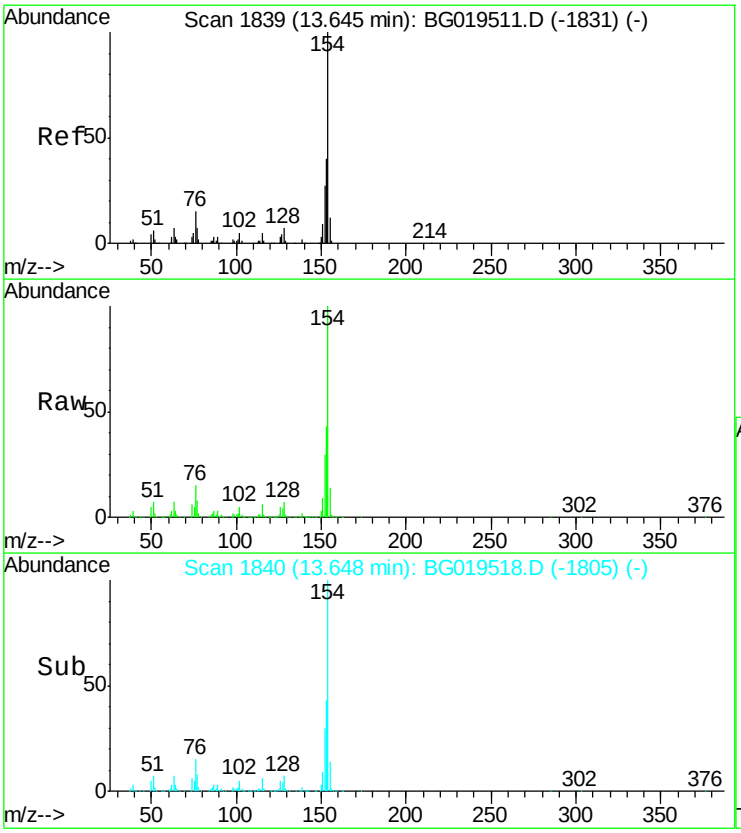
#35
1-Methylnaphthalene
Concen: 329.81 ng/ul
RT: 12.88 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Instrument :
BNA_G
ClientSampleId :
BCY51

Tgt Ion:142 Resp: 2230961

Ion	Ratio	Lower	Upper
142	100		
141	97.8	76.5	114.7
116	7.5	5.4	8.0

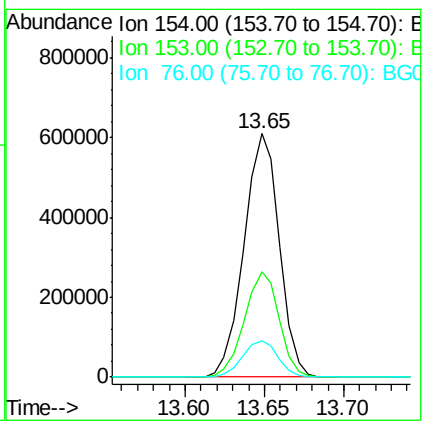


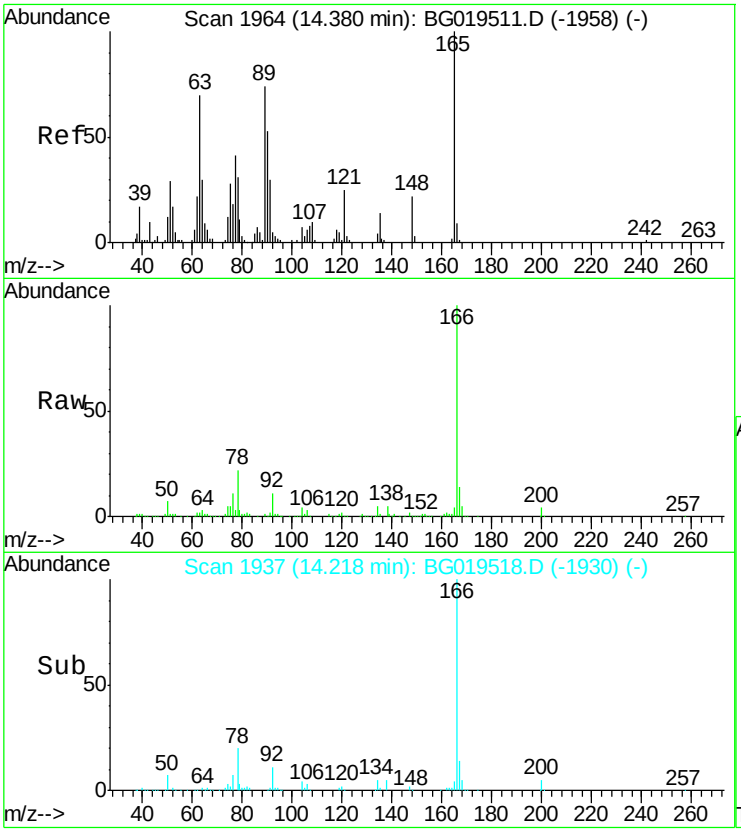


#41
1,1'-Biphenyl
Concen: 97.52 ng/ul
RT: 13.65 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Tgt Ion:154 Resp: 940528

Ion	Ratio	Lower	Upper
154	100		
153	43.4	32.8	49.2
76	14.9	7.7	11.5#



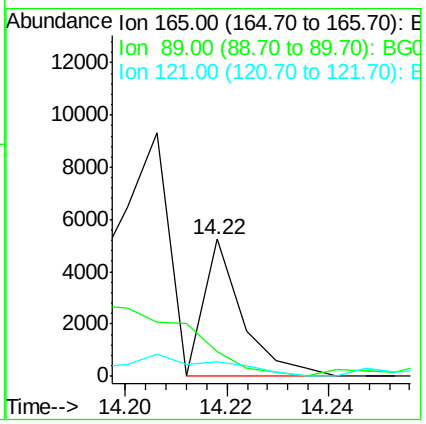


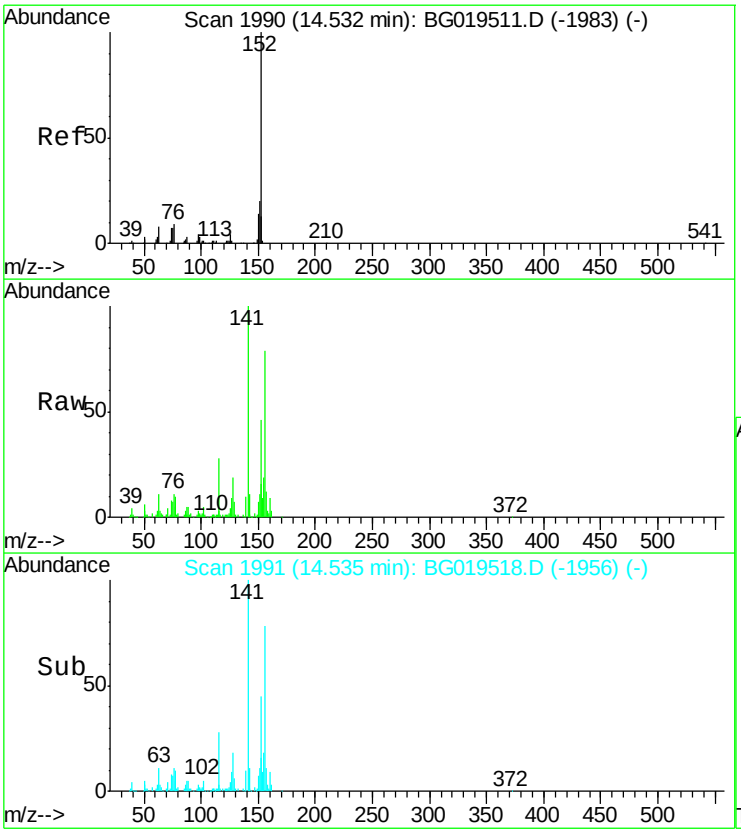
#46
2,6-Dinitrotoluene
Concen: 1.19 ng/ul
RT: 14.22 min Scan# 1937
Delta R.T. -0.16 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Instrument :
BNA_G
ClientSampleId :
BCY51

Tgt Ion:165 Resp: 2778

Ion	Ratio	Lower	Upper
165	100		
89	18.1	66.7	100.1#
121	10.5	17.0	25.4#

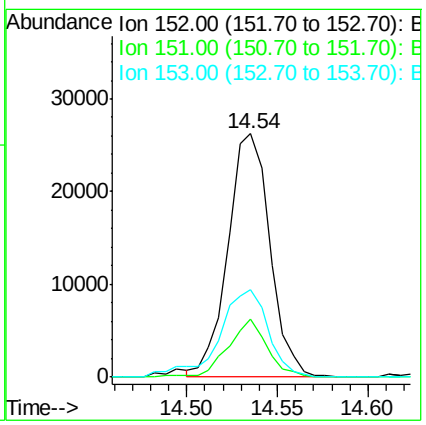


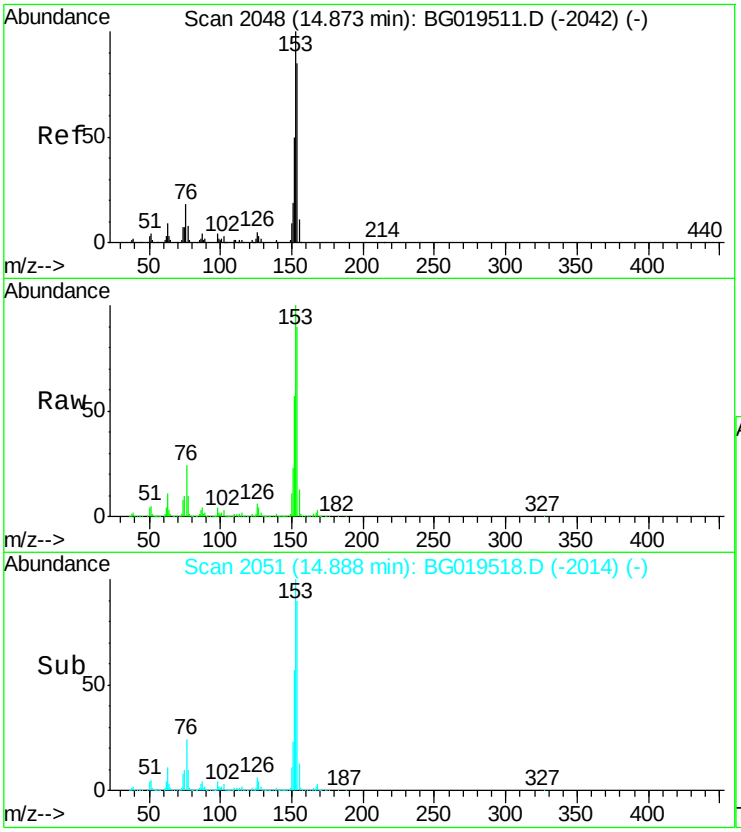


#48
Acenaphthylene
Concen: 3.32 ng/ul
RT: 14.54 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Tgt Ion:152 Resp: 42335

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.9	25.3
153	35.7	10.8	16.2#



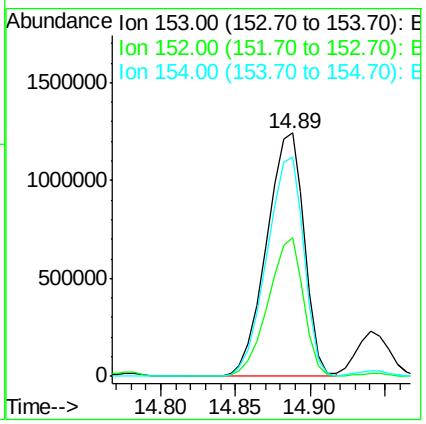


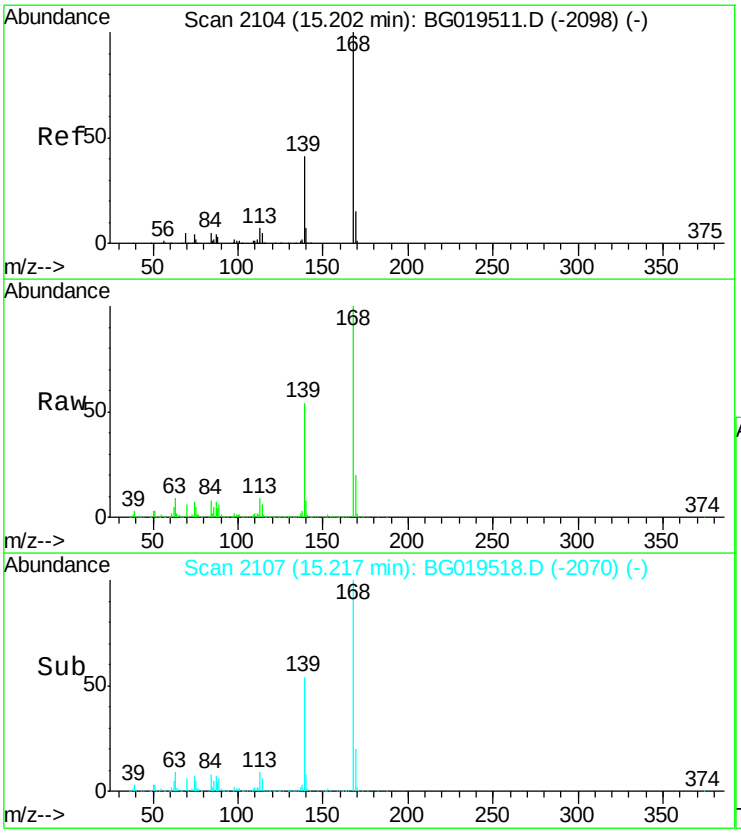
#50
Acenaphthene
Concen: 253.39 ng/ul
RT: 14.89 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Instrument :
BNA_G
ClientSampleId :
BCY51

Tgt Ion:153 Resp: 2183853

Ion	Ratio	Lower	Upper
153	100		
152	56.8	38.8	58.2
154	90.0	71.5	107.3

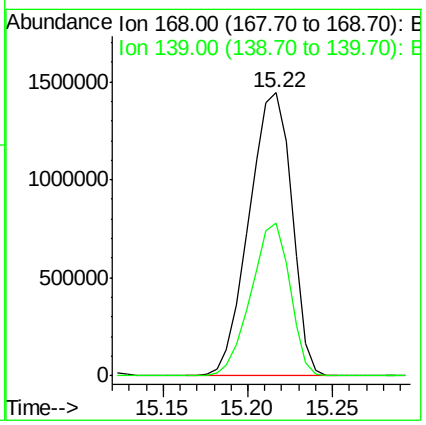


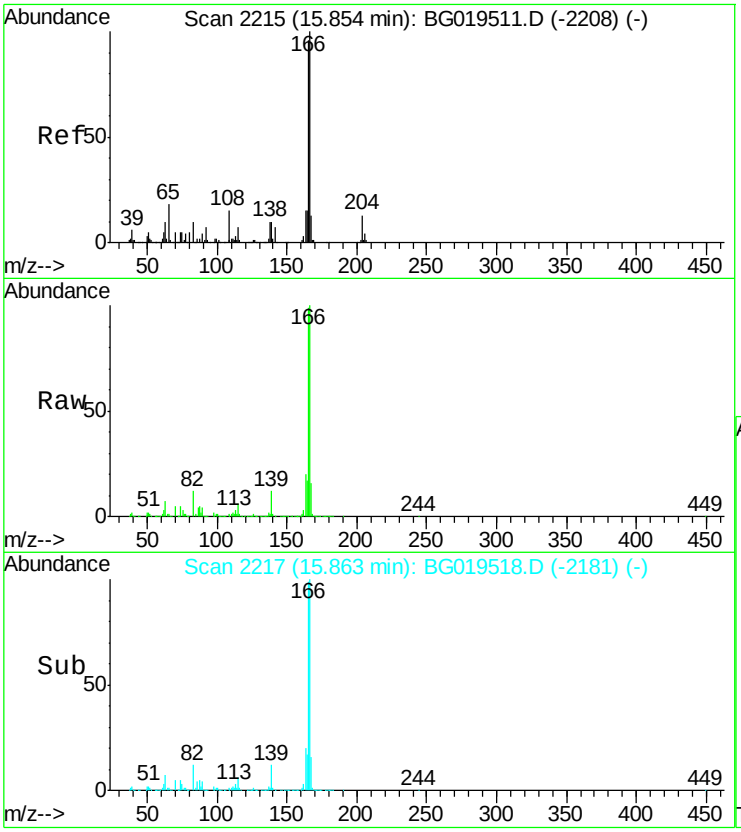


#54
Dibenzofuran
Concen: 200.00 ng/ul
RT: 15.22 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Tgt Ion:168 Resp: 2538563

Ion	Ratio	Lower	Upper
168	100		
139	54.1	32.4	48.6#



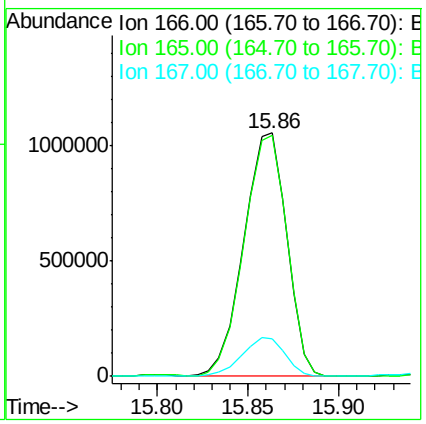


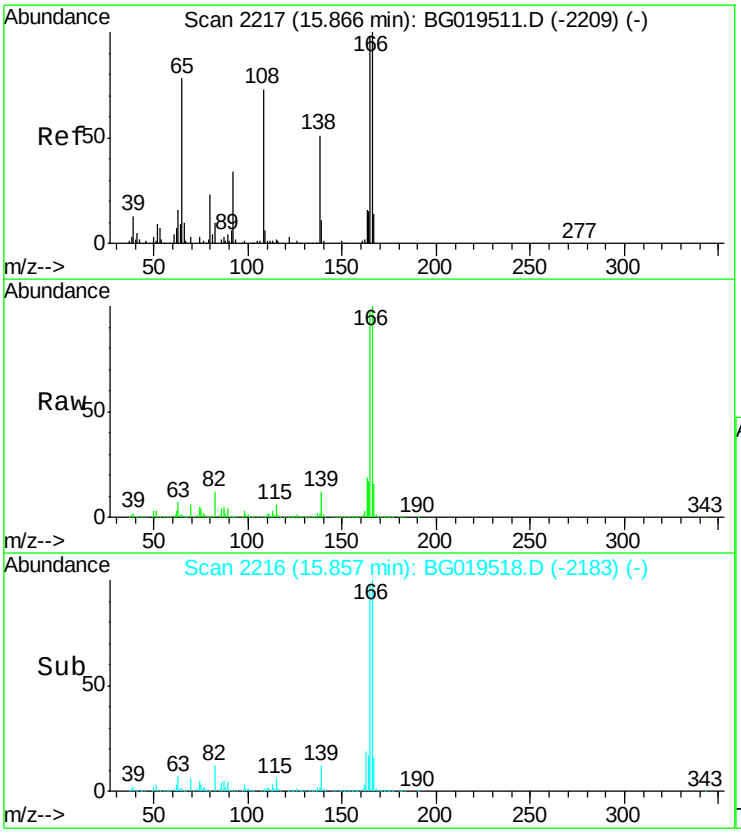
#59
Fluorene
Concen: 156.51 ng/ul
RT: 15.86 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Instrument :
BNA_G
ClientSampleId :
BCY51

Tgt Ion:166 Resp: 1732962

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.6	116.4
167	15.7	9.6	14.4#

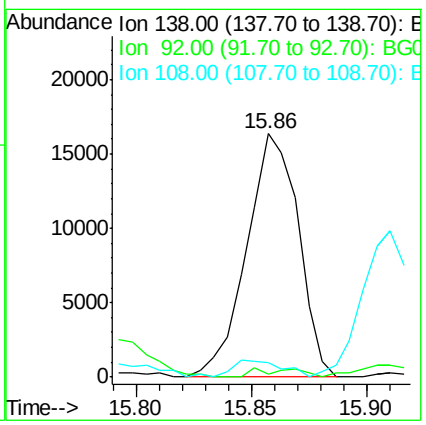


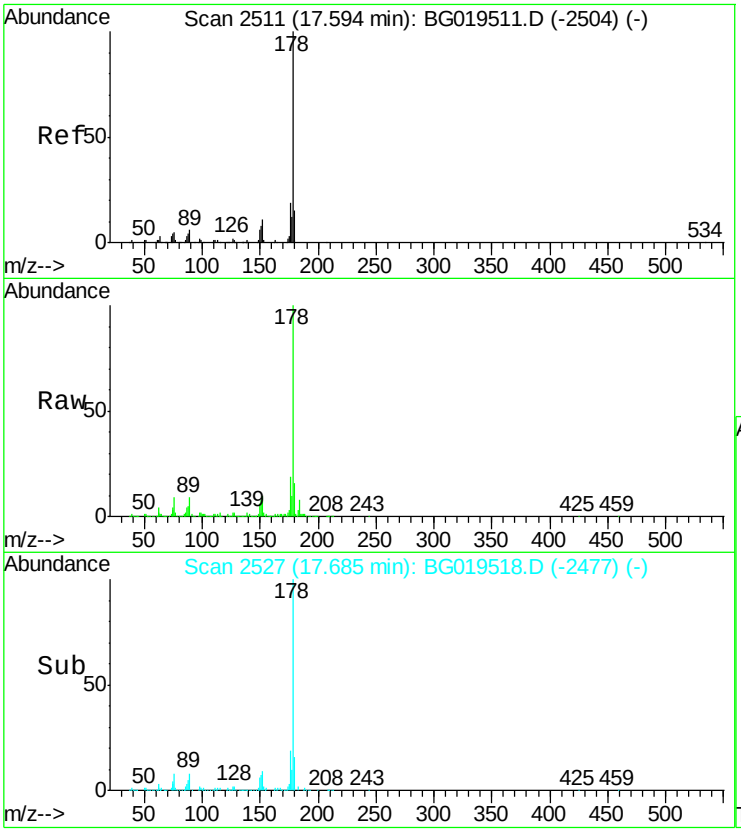


#61
4-Nitroaniline
Concen: 11.03 ng/ul
RT: 15.86 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Tgt Ion:138 Resp: 25413

Ion	Ratio	Lower	Upper
138	100		
92	1.5	53.9	80.9#
108	5.8	122.5	183.7#



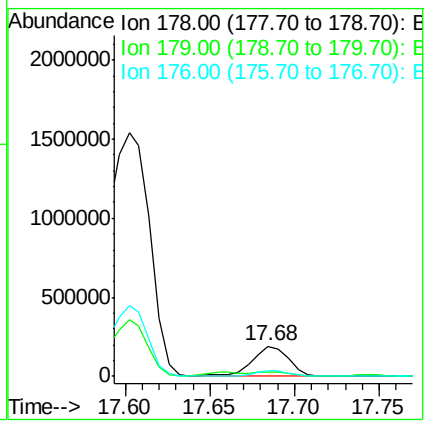


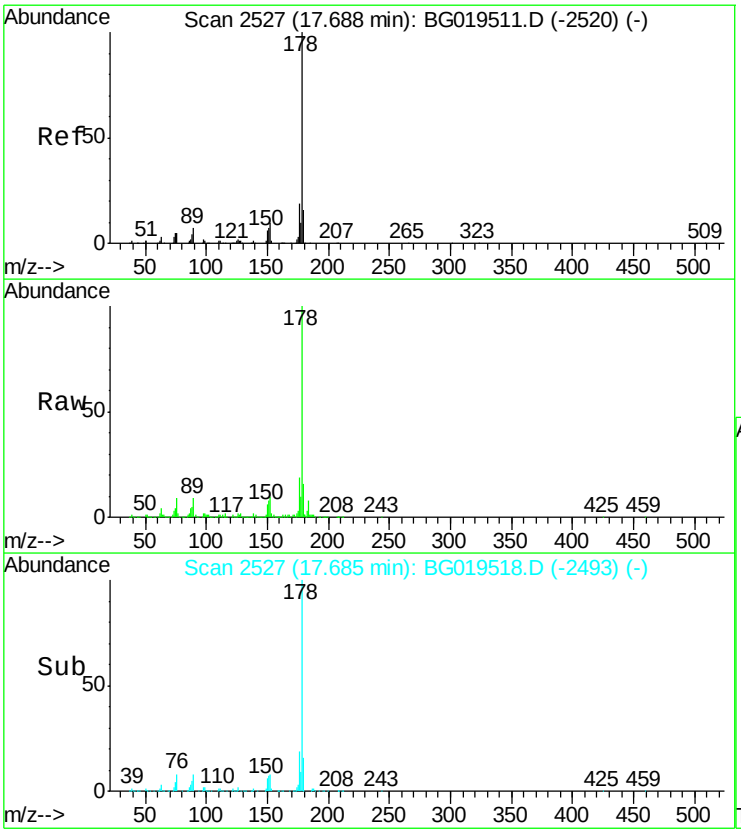
#70
Phenanthrene
Concen: 16.35 ng/ul
RT: 17.68 min Scan# 2527
Delta R.T. 0.09 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Instrument :
BNA_G
ClientSampleId :
BCY51

Tgt Ion:178 Resp: 285311

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.1	14.3	21.5

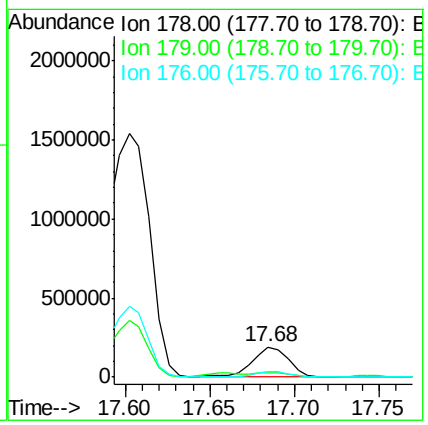


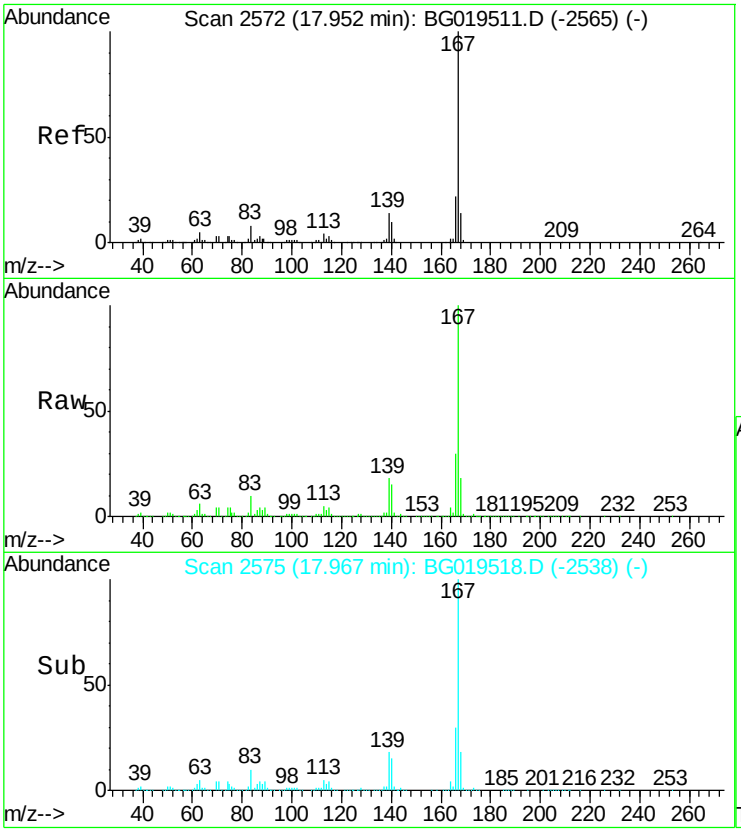


#72
Anthracene
Concen: 16.04 ng/ul
RT: 17.68 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Tgt Ion:178 Resp: 285311

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.6	17.4
176	19.1	14.2	21.4



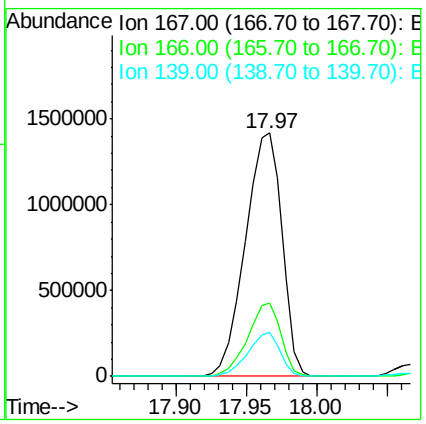


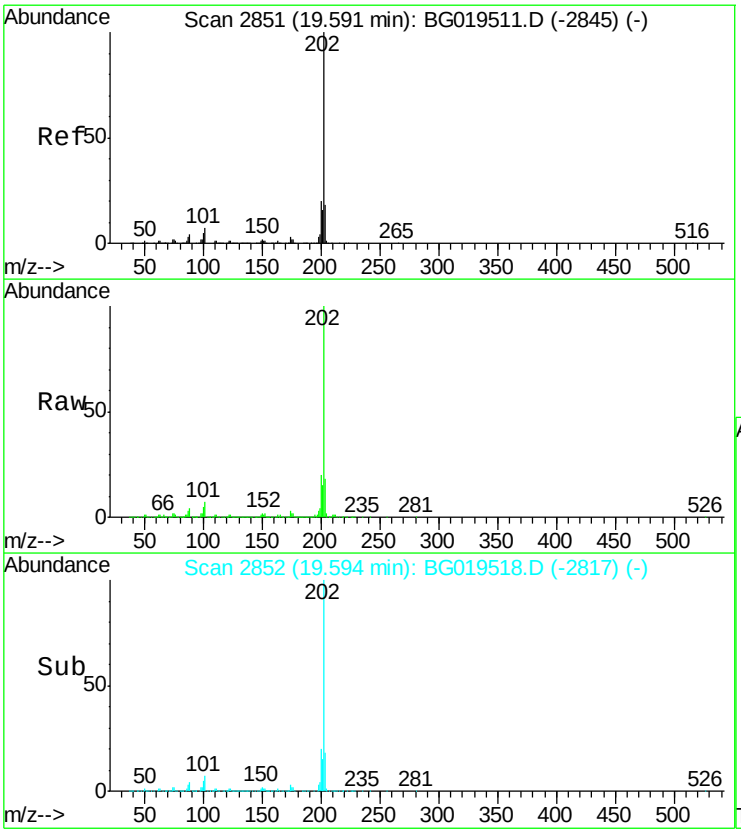
#75
Carbazole
Concen: 182.04 ng/ul
RT: 17.97 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Instrument :
BNA_G
ClientSampleId :
BCY51

Tgt Ion:167 Resp: 2583921

Ion	Ratio	Lower	Upper
167	100		
166	30.1	16.8	25.2#
139	18.3	9.8	14.6#

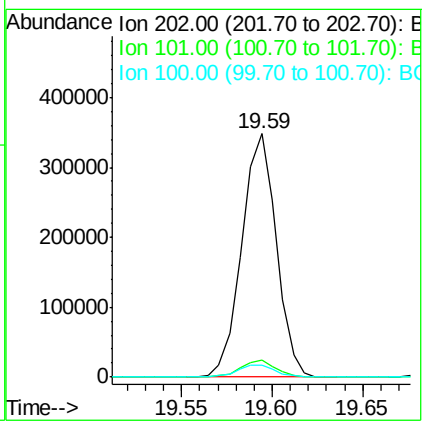


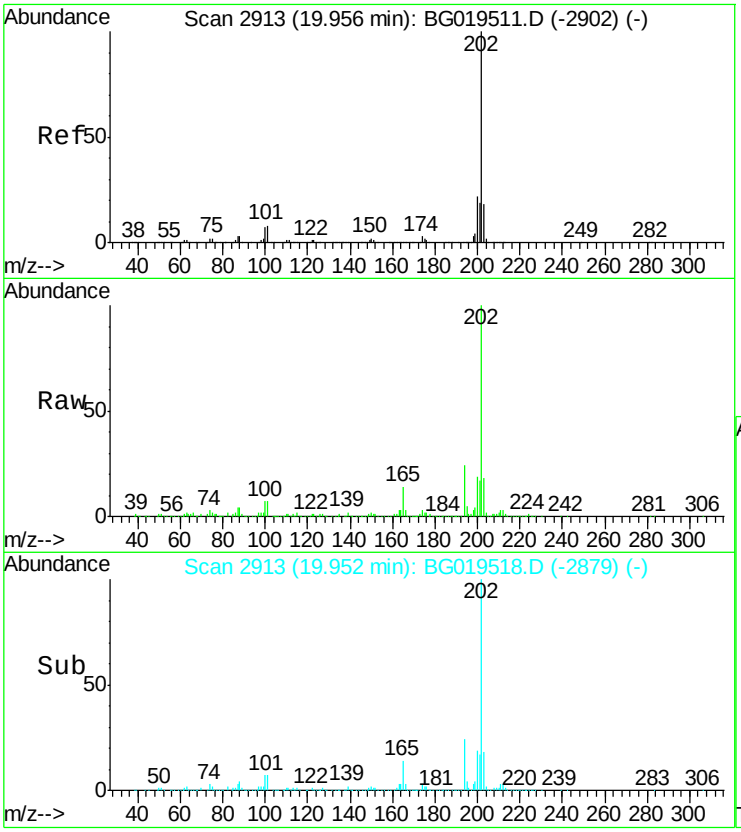


#77
Fluoranthene
Concen: 20.39 ng/ul
RT: 19.59 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Tgt Ion:202 Resp: 460647

Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.0	6.0#
100	5.1	3.6	5.4





#80
Pyrene
Concen: 10.73 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG019518.D
Acq: 6 Nov 2015 18:52

Instrument :
BNA_G
ClientSampleId :
BCY51

Tgt Ion:202 Resp: 270750

Ion	Ratio	Lower	Upper
202	100		
101	7.0	4.3	6.5#
100	6.7	3.6	5.4#