Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019519.D
Acq On : 6 Nov 2015 19:31
Operator : UM/NP
Sample : G4245-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY52

Quant Time: Nov 07 00:11:32 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	8.19	152	44451	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	91191	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.81	164	138574	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	351099	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	455052	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	438847	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	442	0.48	ng/uL	0.00
5) Phenol-d5	7.33	99	23948	5.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	81097	31.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	57064	22.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	43588	13.41	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	49853	74.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	48824	61.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	88877	51.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	82910	47.49	ng/ul	0.03
44) Dimethylphthalate-d6	14.21	166	344145	30.12	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	392932	31.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	19131	10.54	ng/ul	0.00
58) Fluorene-d10	15.80	176	312304	29.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	58338	25.67	ng/ul	0.00
71) Anthracene-d10	17.66	188	505495	31.58	ng/ul	0.00
79) Pyrene-d10	19.92	212	592305	29.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	687998	31.24	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.32	77	34399	12.96	ng/ul#	1
14) Acetophenone	8.99	105	12300	2.25	ng/ul#	37
16) 4-Methylphenol	8.95	108	6211	1.77	ng/ul#	66
17) Hexachloroethane	9.30	117	41868	30.57	ng/ul#	1
21) Isophorone	10.09	82	6791	1.43	ng/ul#	76
24) 2,4-Dimethylphenol	10.21	107	15124	6.41	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.41	93	3340	1.49	ng/ul#	1
28) Naphthalene	11.16	128	15448247	3385.75	ng/ul#	1
30) 4-Chloroaniline	11.16	127	7447225	4068.65	ng/ul#	1
34) 2-Methylnaphthalene	12.66	142	1137108	310.12	ng/ul	99
35) 1-Methylnaphthalene	12.89	142	2679491	772.37	ng/ul	97
41) 1,1'-Biphenyl	13.65	154	1132305	115.59	ng/ul#	91
48) Acenaphthylene	14.54	152	153644	11.85	ng/ul#	91
50) Acenaphthene	14.89	153	2709408	309.51	ng/ul#	92
54) Dibenzofuran	15.22	168	2665493	206.76	ng/ul#	77
59) Fluorene	15.86	166	1807476	160.72	ng/ul#	95
61) 4-Nitroaniline	15.86	138	26678	11.40	ng/ul#	5
70) Phenanthrene	17.69	178	191908	10.83	ng/ul	96
72) Anthracene	17.69	178	192515	10.66	ng/ul	96
75) Carbazole	17.97	167	3141761	217.99	ng/ul#	73
77) Fluoranthene	19.60	202	291642	12.71	ng/ul#	96
80) Pyrene	19.95	202	162339	6.36	ng/ul#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019519.D
Acq On : 6 Nov 2015 19:31
Operator : UM/NP
Sample : G4245-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY52

Quant Time: Nov 07 00:11:32 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019519.D
Acq On : 6 Nov 2015 19:31
Operator : UM/NP
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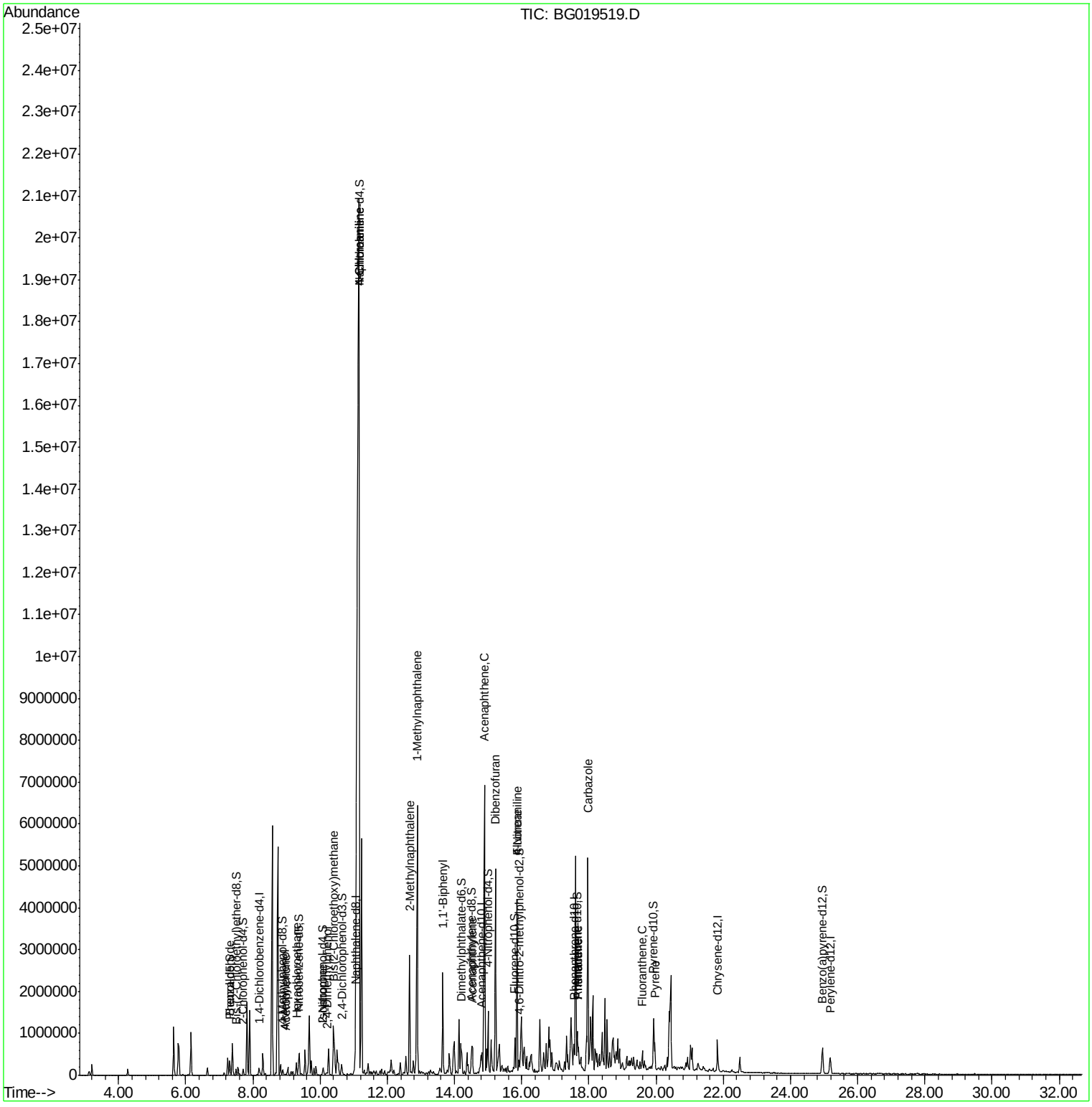
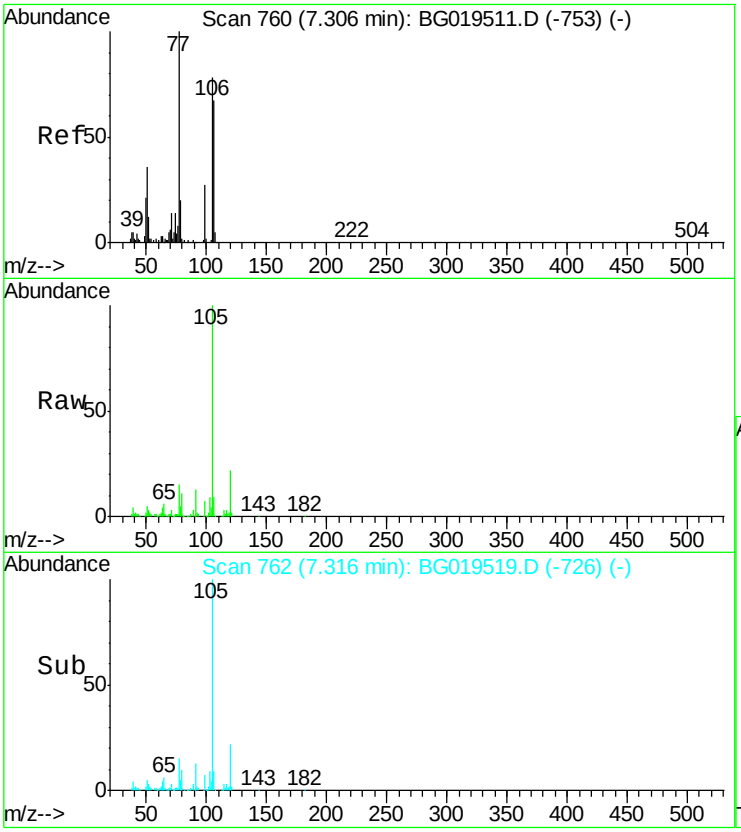
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 23:58:14 2015
Response via : Initial Calibration



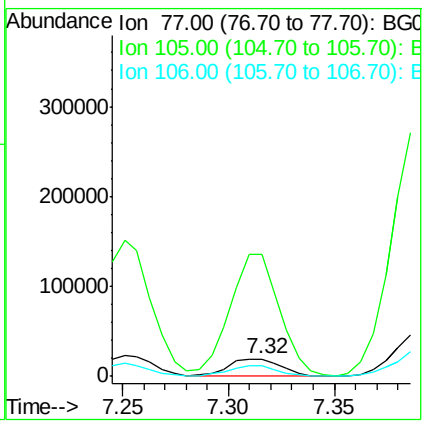


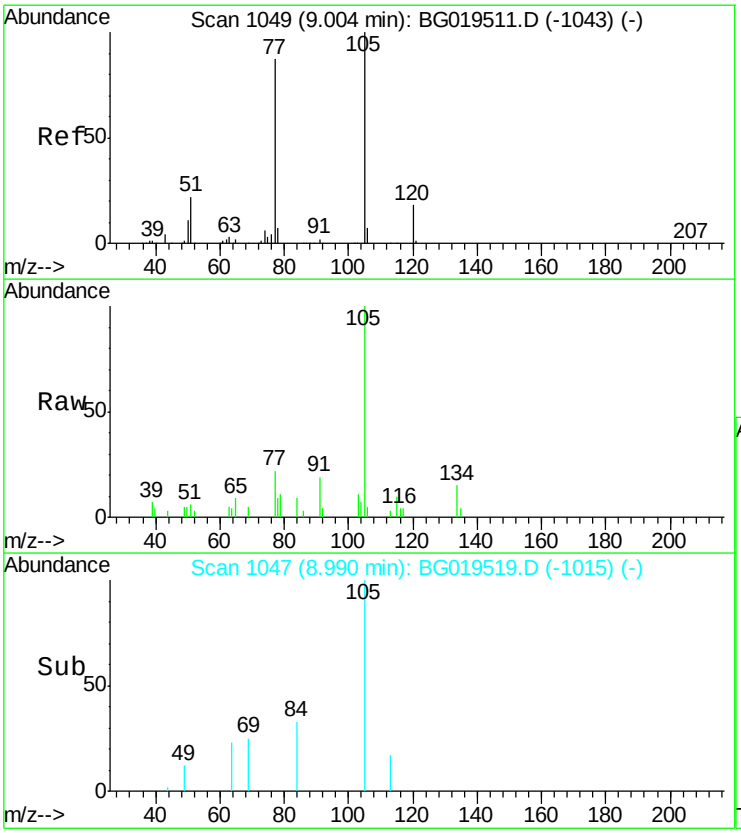
#4
Benzaldehyde
Concen: 12.96 ng/ul
RT: 7.32 min Scan# 762
Delta R.T. 0.01 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion: 77 Resp: 34399

Ion	Ratio	Lower	Upper
77	100		
105	687.3	61.6	92.4#
106	59.4	56.4	84.6

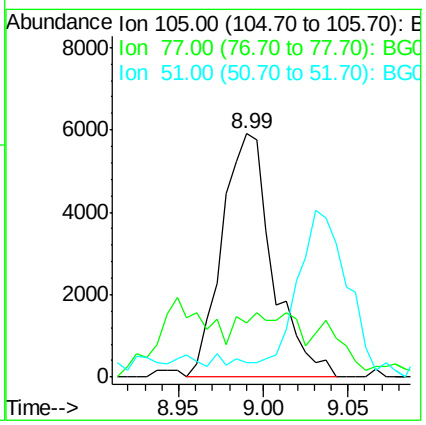


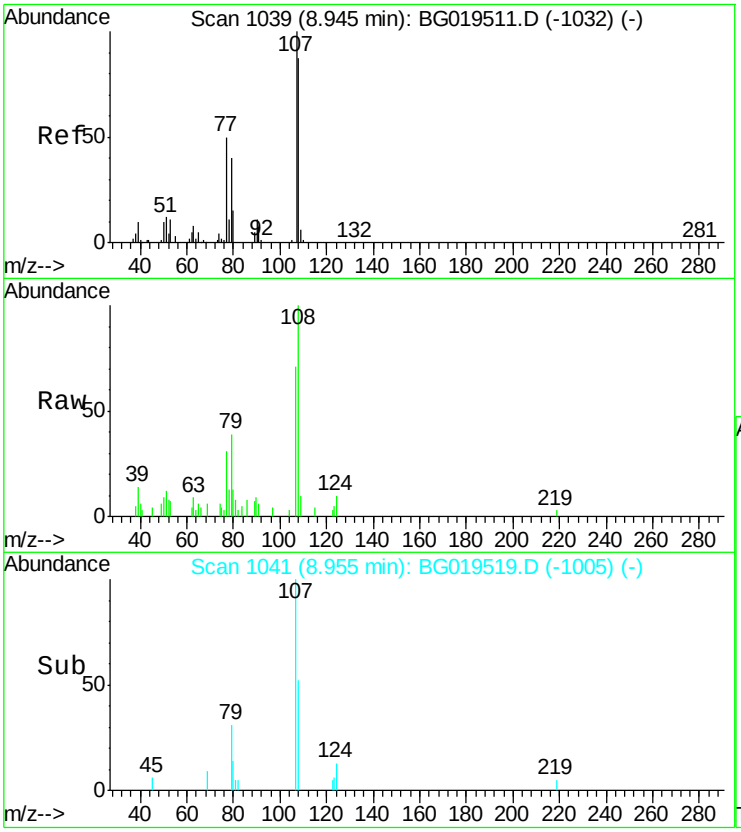


#14
Acetophenone
Concen: 2.25 ng/ul
RT: 8.99 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:105 Resp: 12300

Ion	Ratio	Lower	Upper
105	100		
77	22.2	69.5	104.3#
51	5.9	21.8	32.6#



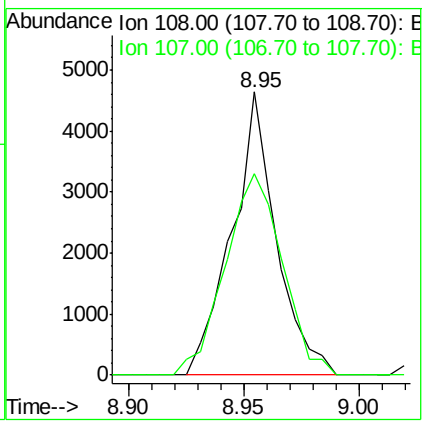


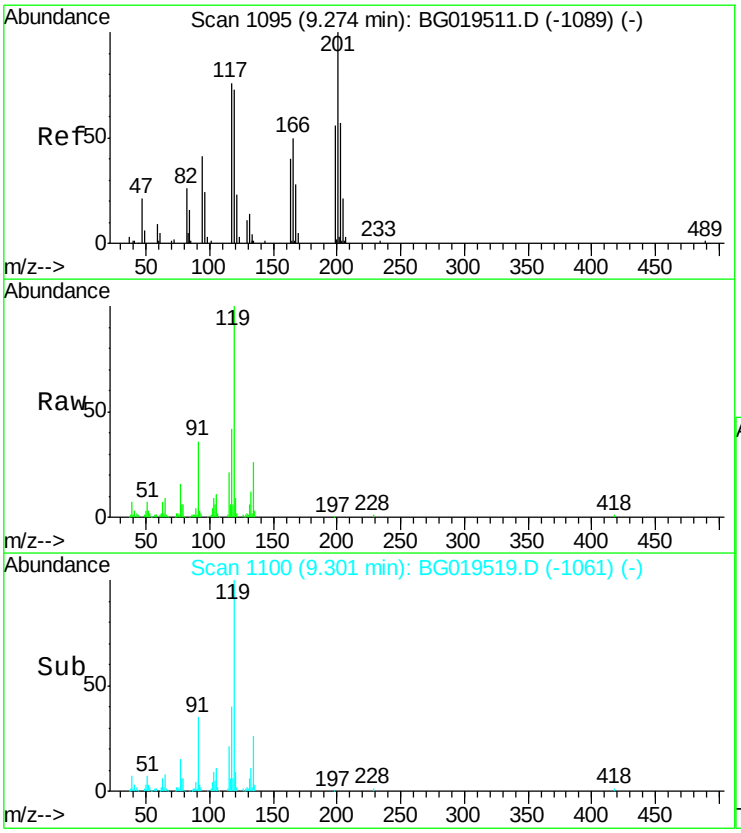
#16
4-Methylphenol
Concen: 1.77 ng/ul
RT: 8.95 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion:108 Resp: 6211

Ion	Ratio	Lower	Upper
108	100		
107	71.2	85.4	128.2#

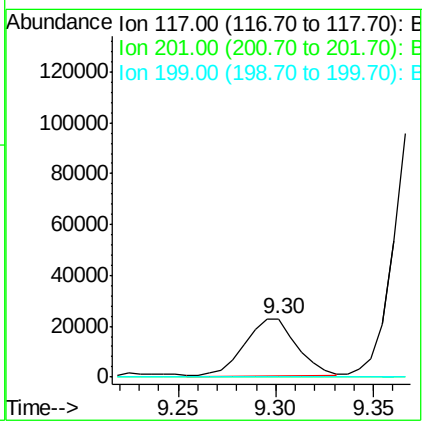


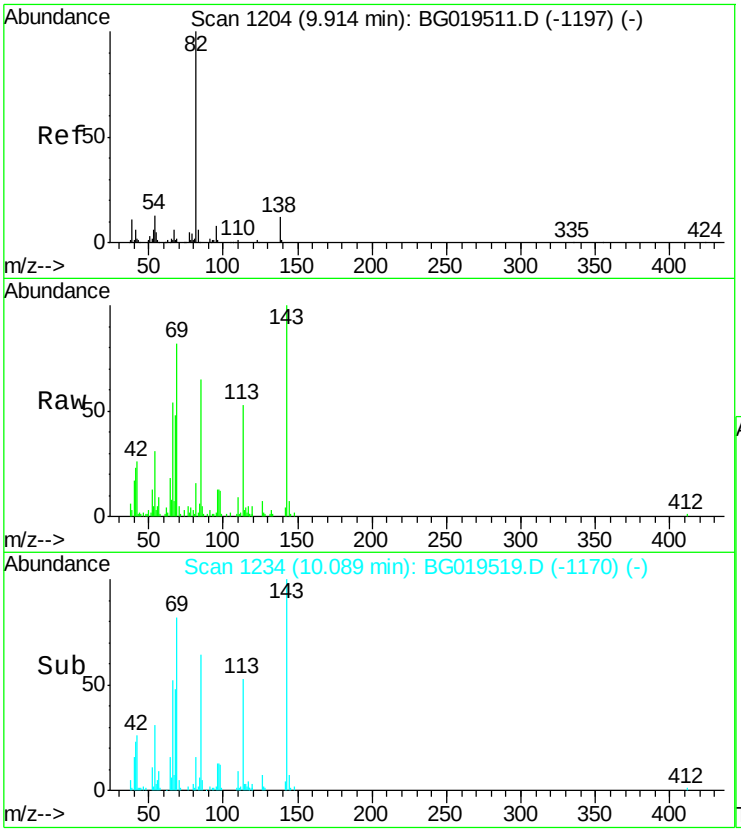


#17
Hexachloroethane
Concen: 30.57 ng/ul
RT: 9.30 min Scan# 1100
Delta R.T. 0.03 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:117 Resp: 41868

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



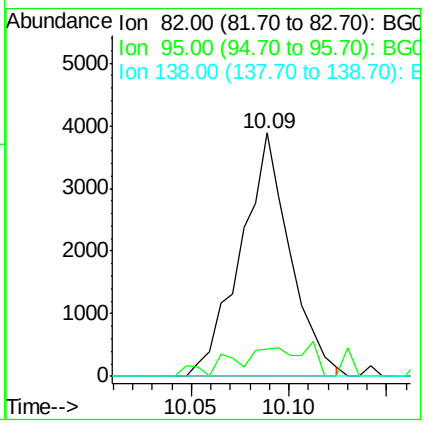


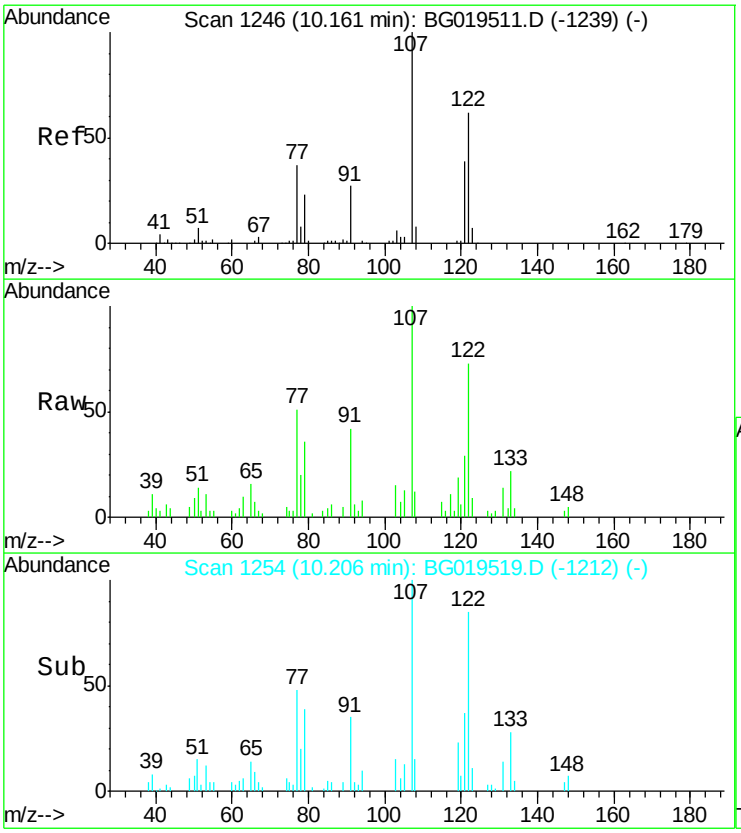
#21
Isophorone
Concen: 1.43 ng/ul
RT: 10.09 min Scan# 1234
Delta R.T. 0.17 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion: 82 Resp: 6791

Ion	Ratio	Lower	Upper
82	100		
95	11.3	6.7	10.1#
138	0.0	10.8	16.2#

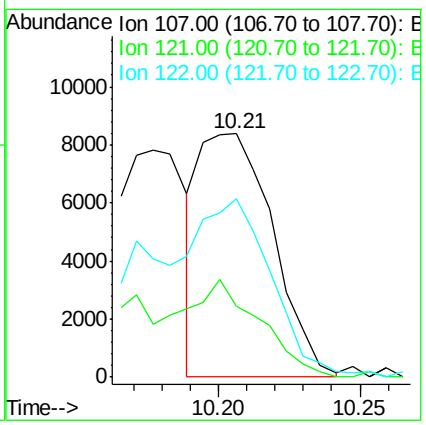


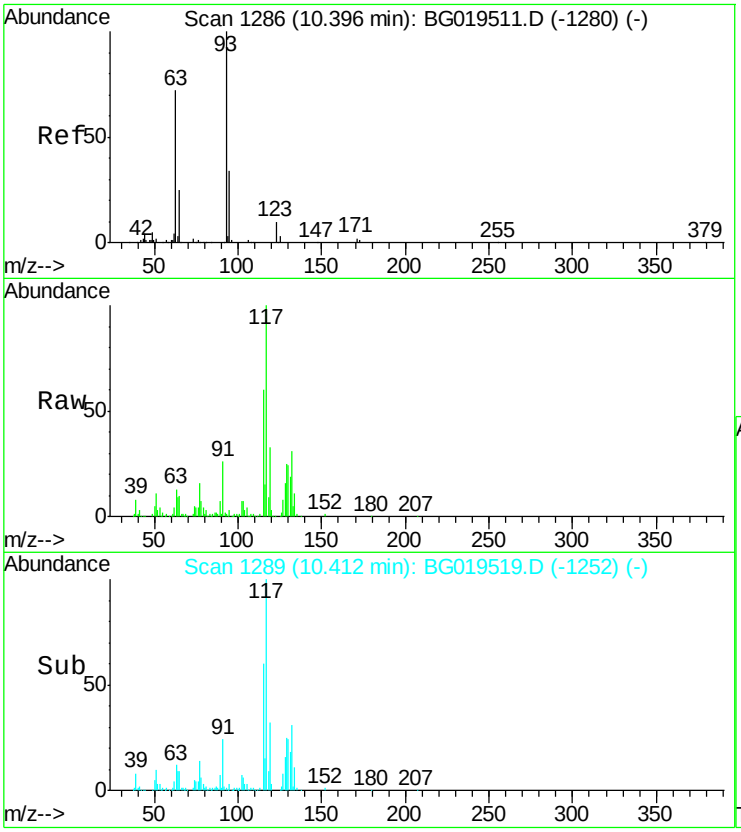


#24
2,4-Dimethylphenol
Concen: 6.41 ng/ul
RT: 10.21 min Scan# 1254
Delta R.T. 0.05 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:107 Resp: 15124

Ion	Ratio	Lower	Upper
107	100		
121	29.1	33.0	49.4#
122	73.3	54.2	81.2



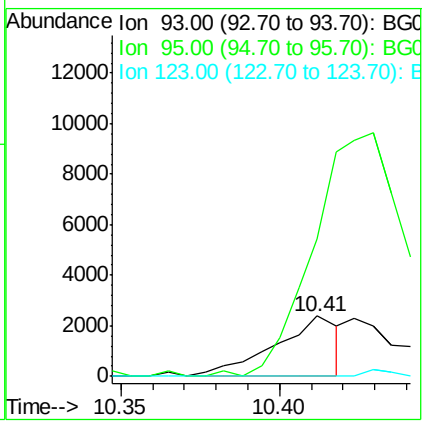


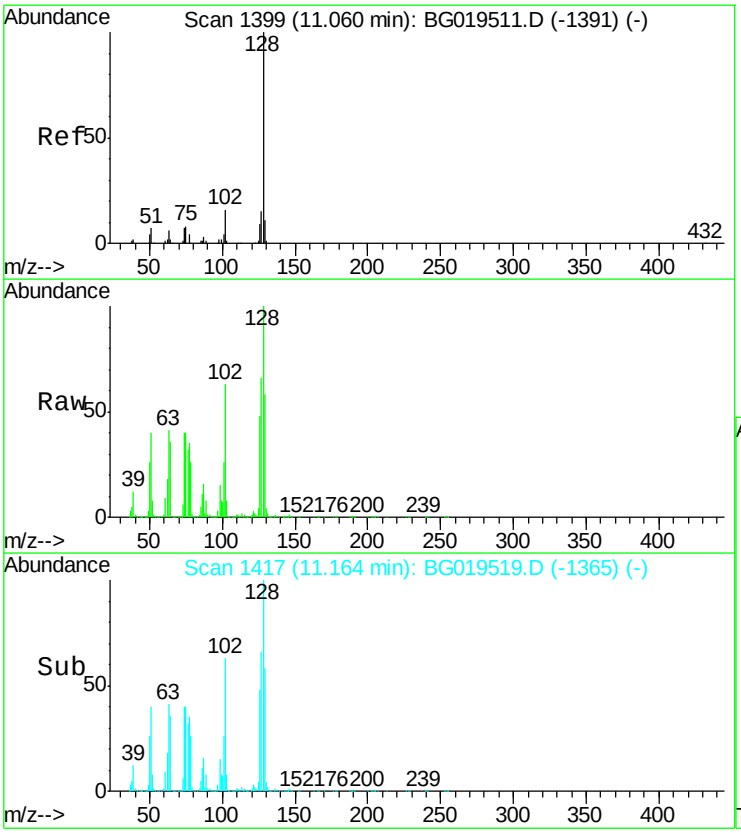
#25
Bis(2-Chloroethoxy)methane
Concen: 1.49 ng/ul
RT: 10.41 min Scan# 1289
Delta R.T. 0.02 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion: 93 Resp: 3340

Ion	Ratio	Lower	Upper
93	100		
95	227.5	26.1	39.1#
123	0.0	8.2	12.2#

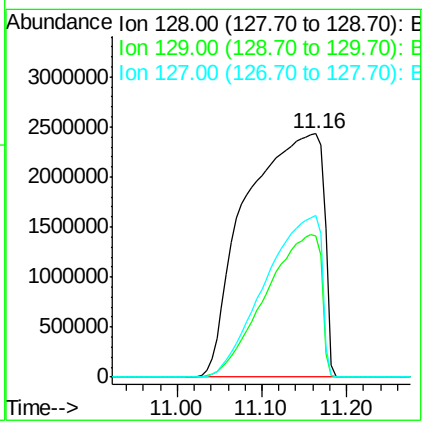


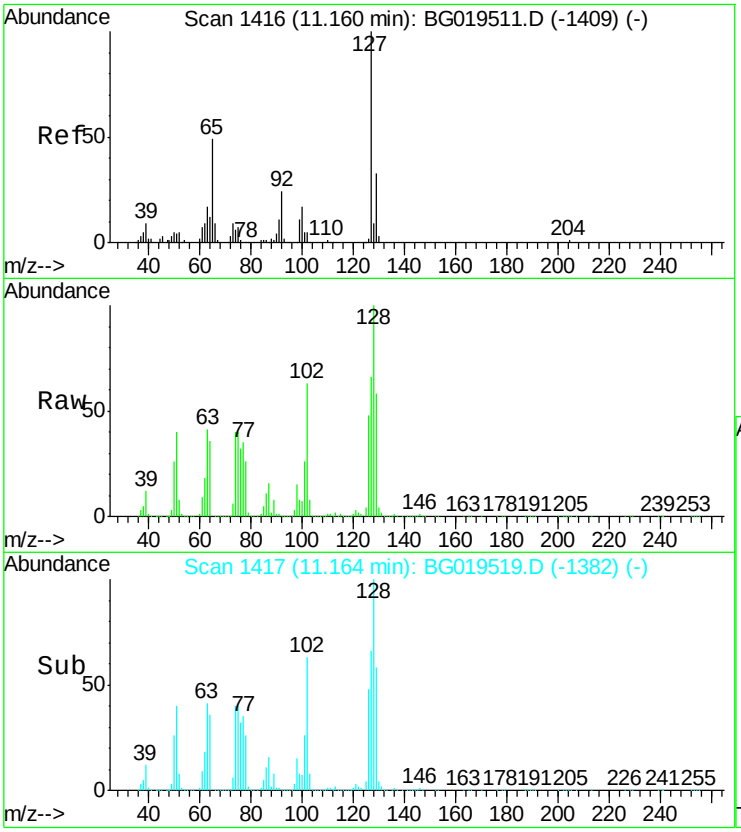


#28
Naphthalene
Concen: 3385.75 ng/ul
RT: 11.16 min Scan# 1417
Delta R.T. 0.10 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:128 Resp:15448247

Ion	Ratio	Lower	Upper
128	100		
129	58.2	8.9	13.3#
127	66.2	13.1	19.7#



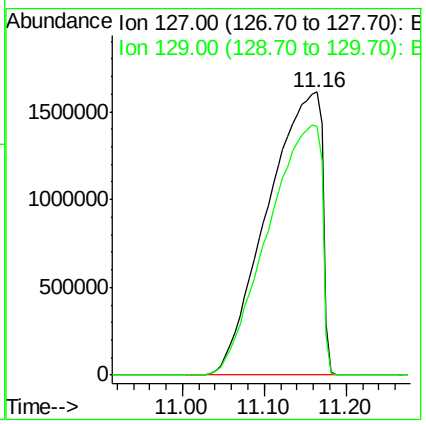


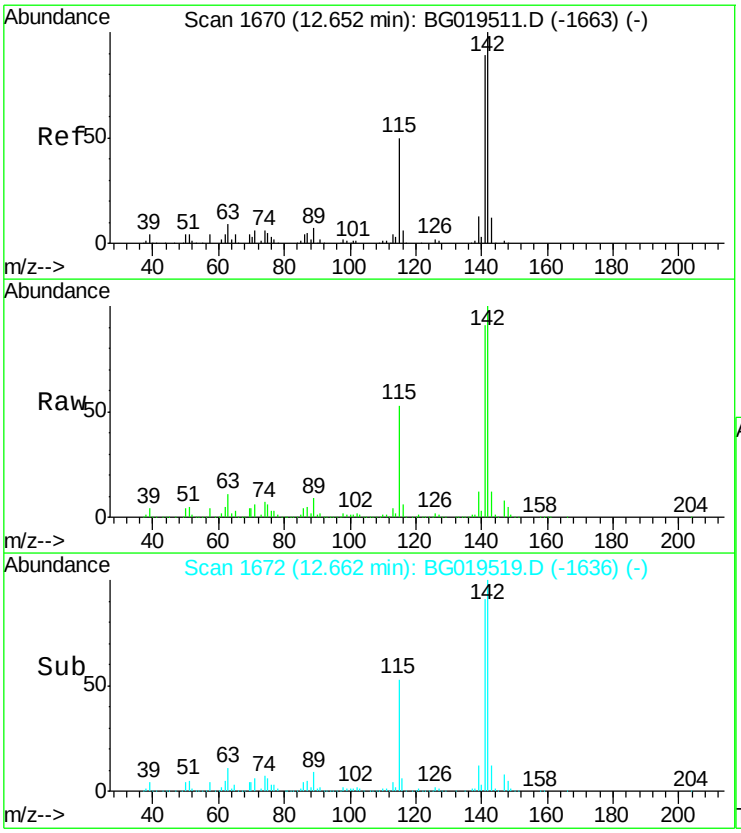
#30
4-Chloroaniline
Concen: 4068.65 ng/ul
RT: 11.16 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion:127 Resp: 7447225

Ion	Ratio	Lower	Upper
127	100		
129	87.9	24.6	36.8#

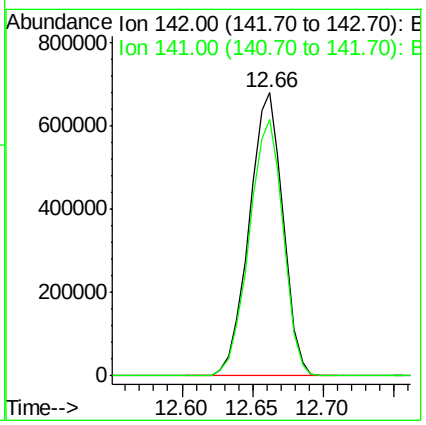


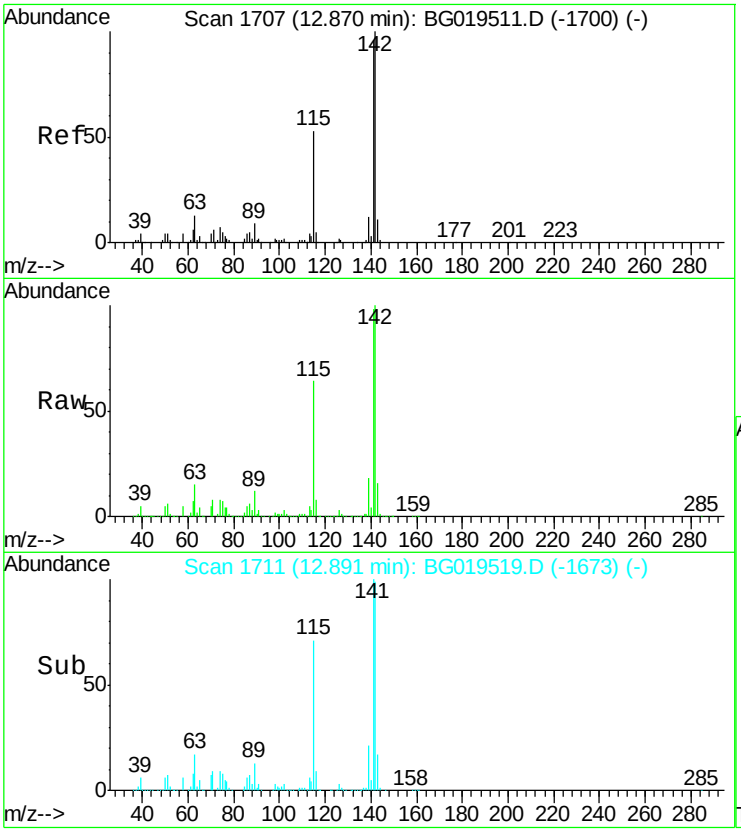


#34
2-Methylnaphthalene
Concen: 310.12 ng/ul
RT: 12.66 min Scan# 1672
Delta R.T. 0.01 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:142 Resp: 1137108

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.4	110.2



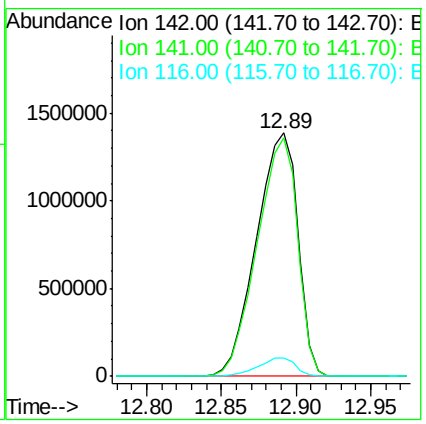


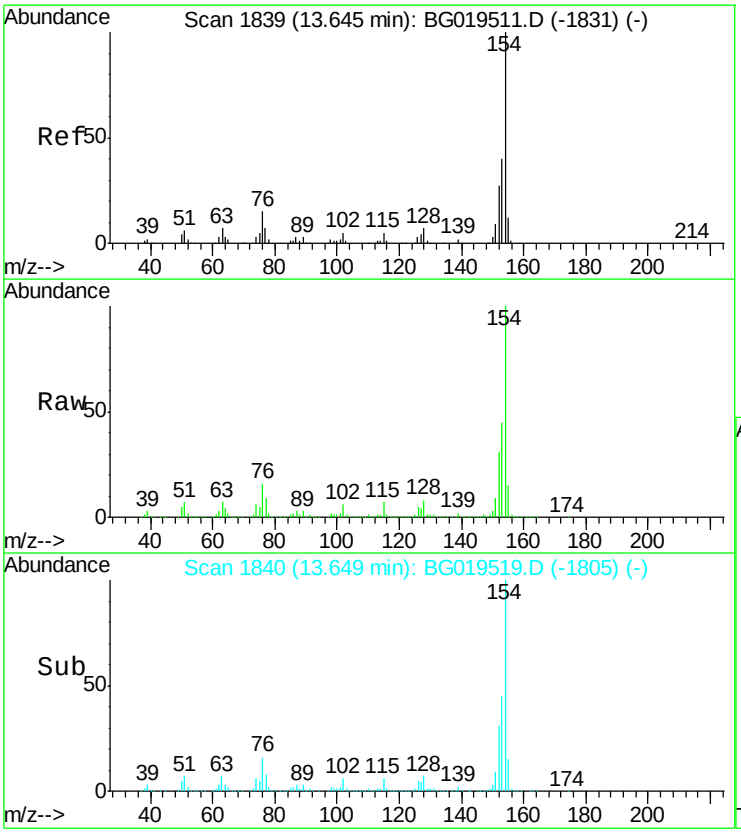
#35
1-Methylnaphthalene
Concen: 772.37 ng/ul
RT: 12.89 min Scan# 1711
Delta R.T. 0.02 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion:142 Resp: 2679491

Ion	Ratio	Lower	Upper
142	100		
141	98.1	76.5	114.7
116	7.7	5.4	8.0

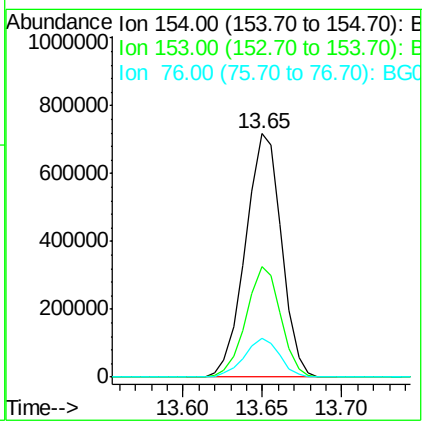


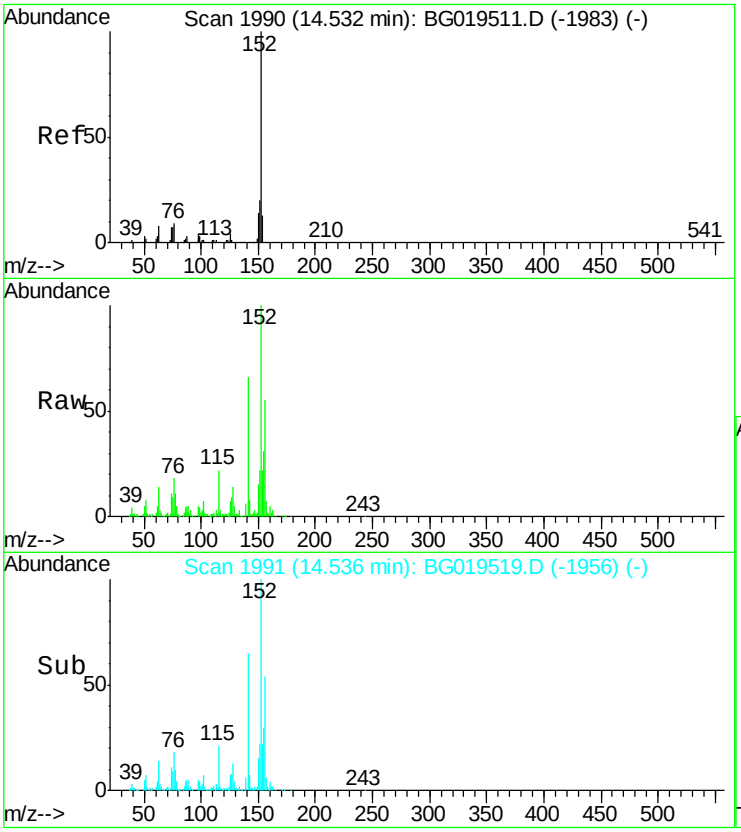


#41
1,1'-Biphenyl
Concen: 115.59 ng/ul
RT: 13.65 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:154 Resp: 1132305

Ion	Ratio	Lower	Upper
154	100		
153	45.2	32.8	49.2
76	16.1	7.7	11.5#



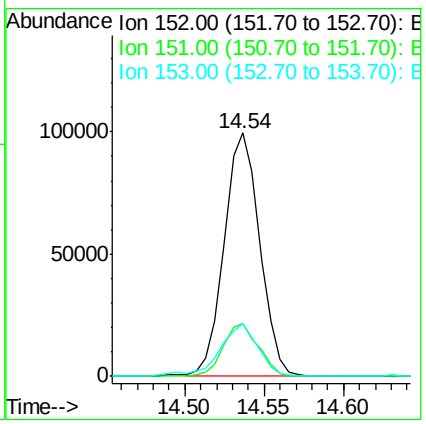


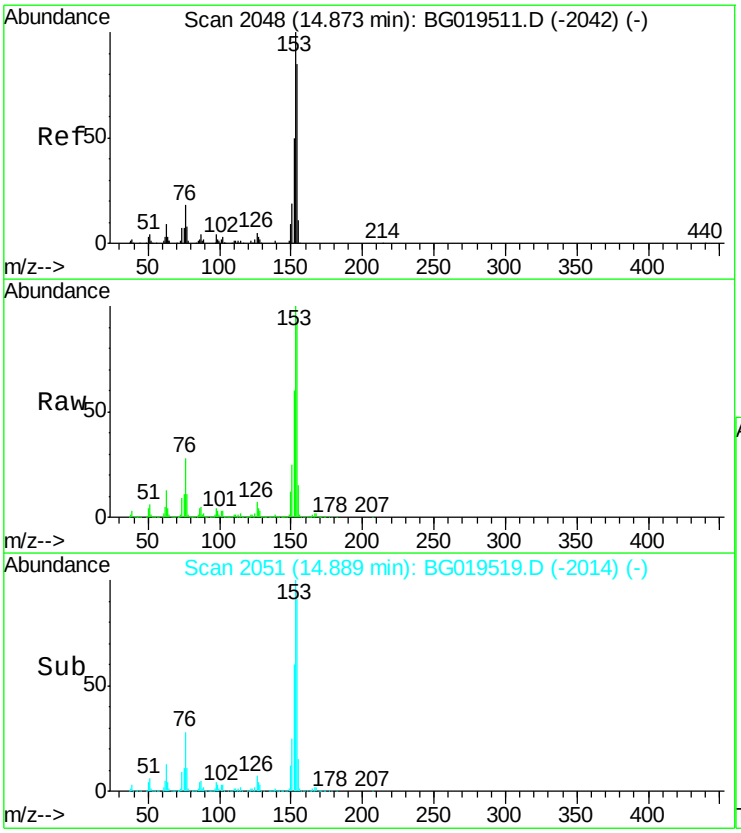
#48
Acenaphthylene
Concen: 11.85 ng/ul
RT: 14.54 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion:152 Resp: 153644

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.9	25.3
153	21.9	10.8	16.2#

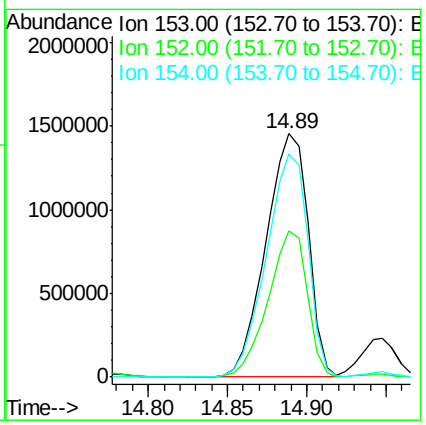


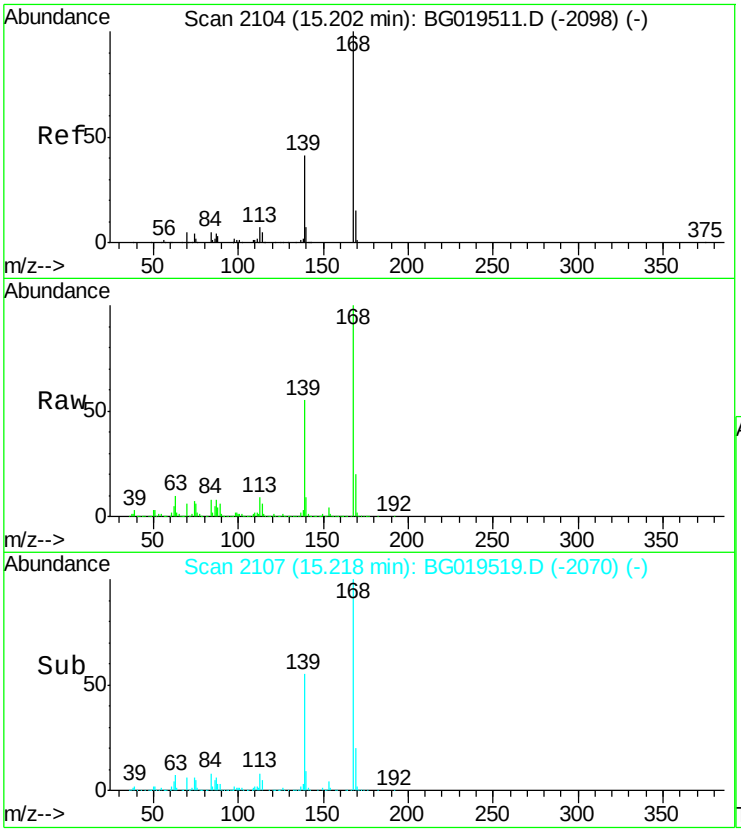


#50
Acenaphthene
Concen: 309.51 ng/ul
RT: 14.89 min Scan# 2051
Delta R.T. 0.02 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:153 Resp: 2709408

Ion	Ratio	Lower	Upper
153	100		
152	60.3	38.8	58.2#
154	91.5	71.5	107.3



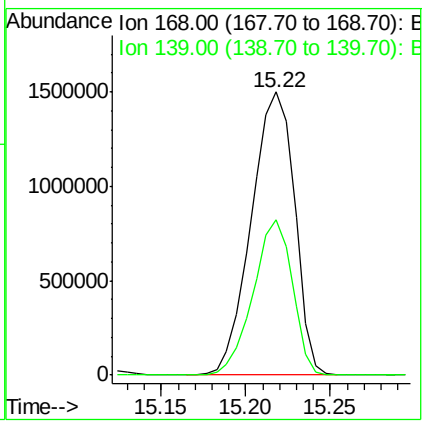


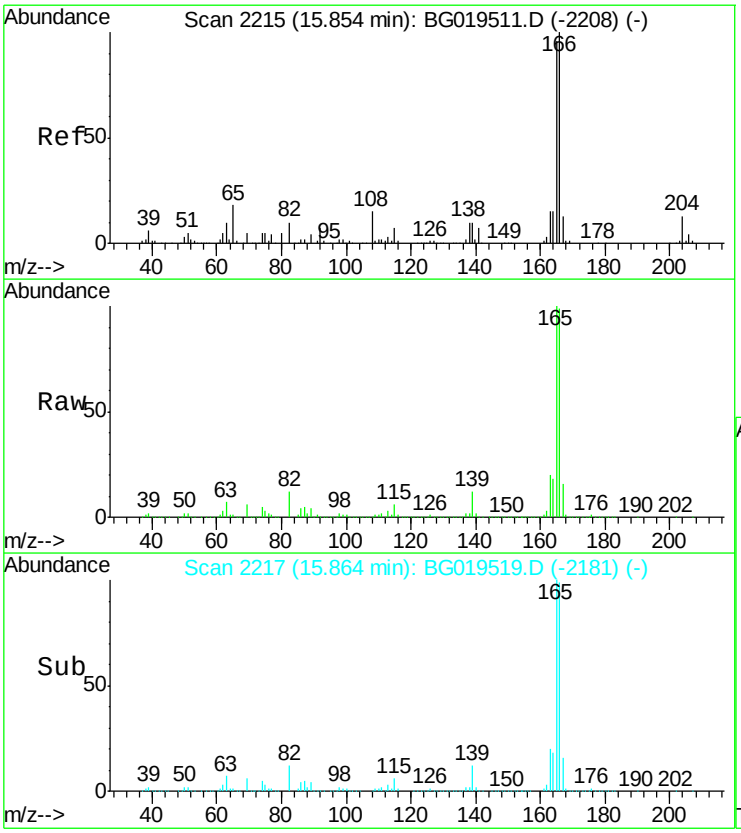
#54
Dibenzofuran
Concen: 206.76 ng/ul
RT: 15.22 min Scan# 2107
Delta R.T. 0.02 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion:168 Resp: 2665493

Ion	Ratio	Lower	Upper
168	100		
139	54.8	32.4	48.6#

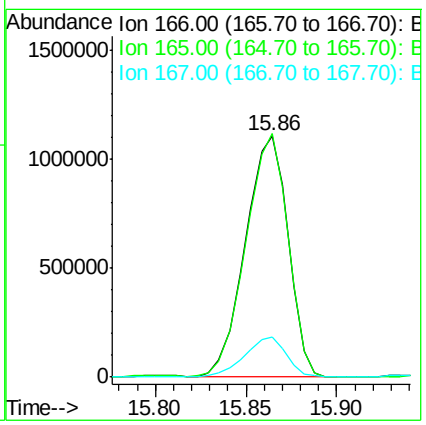


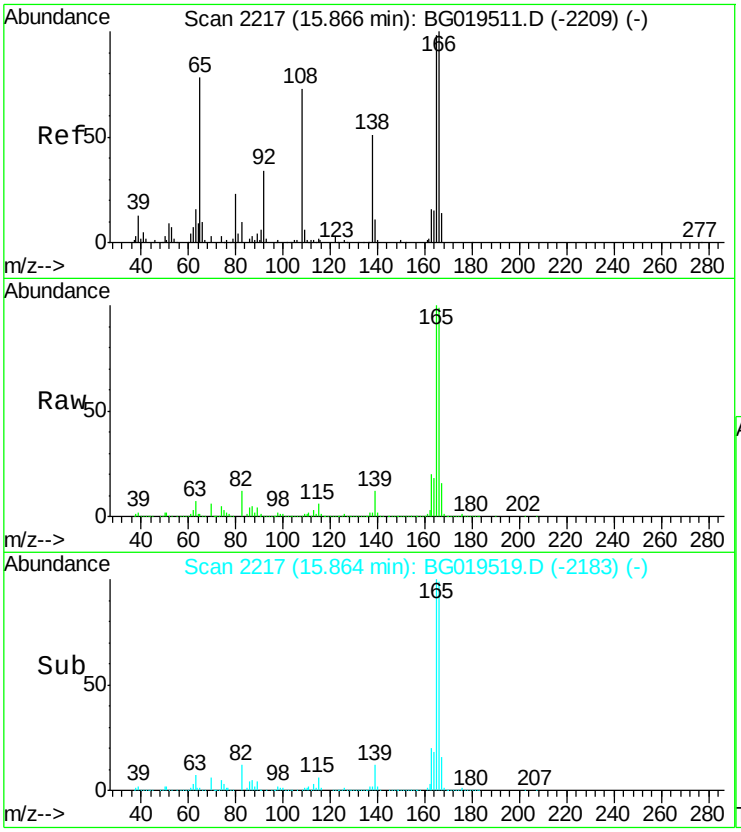


#59
Fluorene
Concen: 160.72 ng/ul
RT: 15.86 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:166 Resp: 1807476

Ion	Ratio	Lower	Upper
166	100		
165	100.8	77.6	116.4
167	16.4	9.6	14.4#



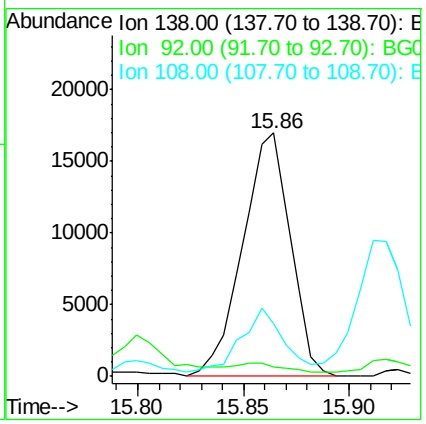


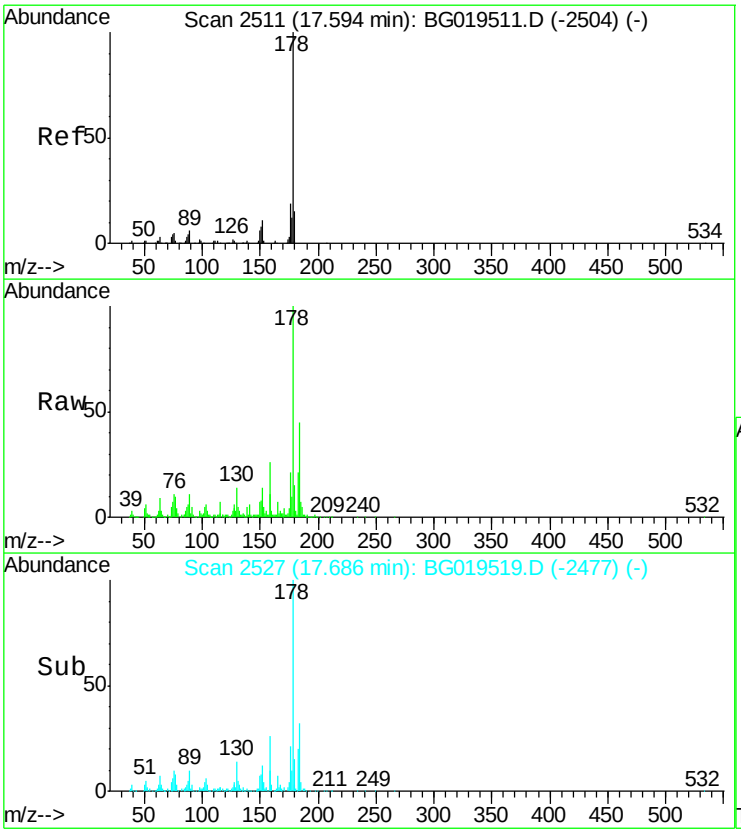
#61
4-Nitroaniline
Concen: 11.40 ng/ul
RT: 15.86 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion:138 Resp: 26678

Ion	Ratio	Lower	Upper
138	100		
92	3.7	53.9	80.9#
108	21.9	122.5	183.7#

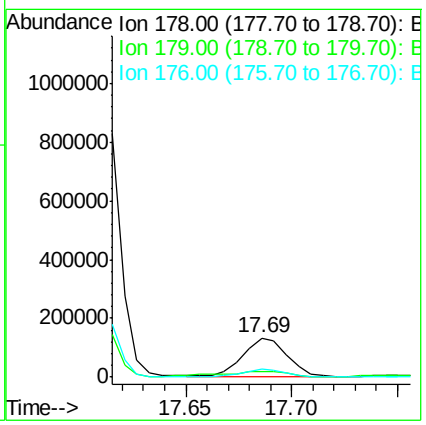


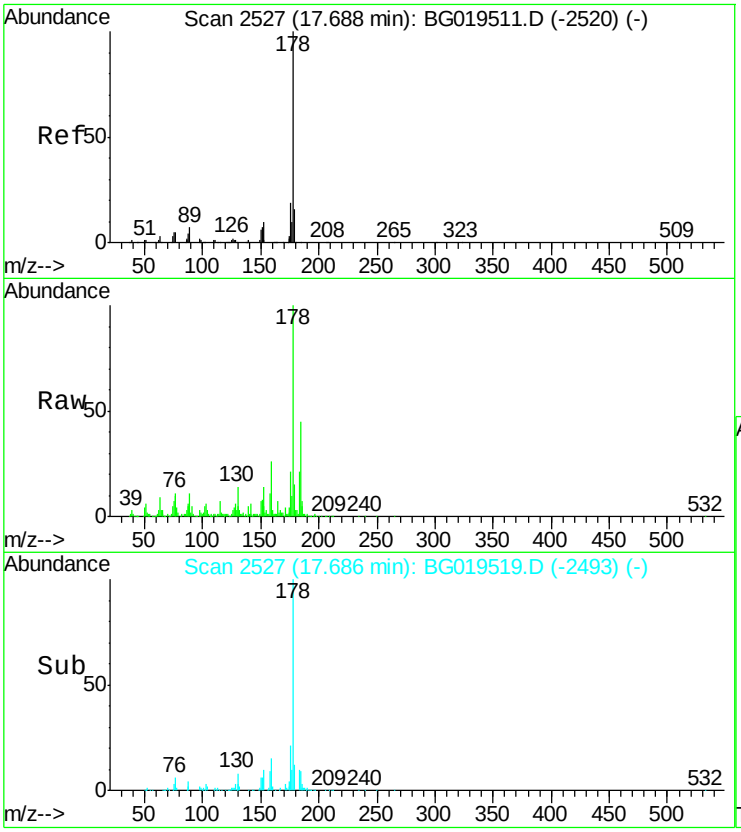


#70
Phenanthrene
Concen: 10.83 ng/ul
RT: 17.69 min Scan# 2527
Delta R.T. 0.09 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:178 Resp: 191908

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	18.8
176	20.8	14.3	21.5



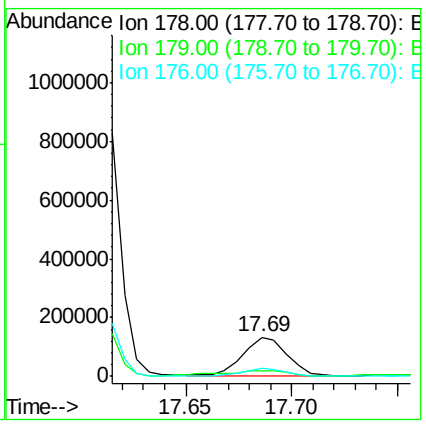


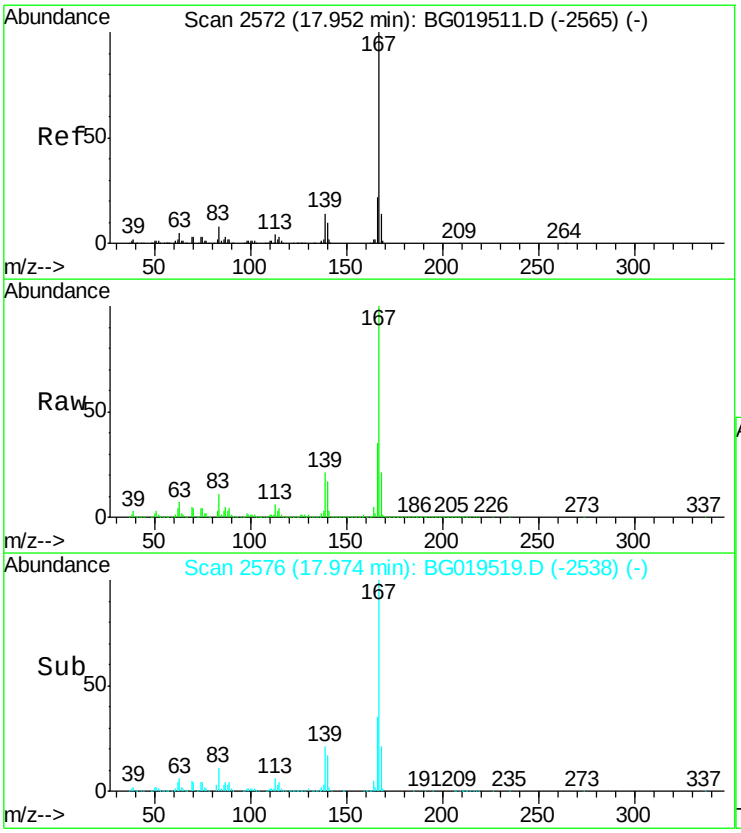
#72
Anthracene
Concen: 10.66 ng/ul
RT: 17.69 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion:178 Resp: 192515

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.6	17.4
176	20.8	14.2	21.4

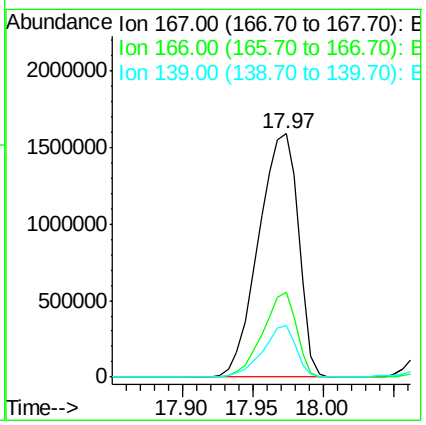


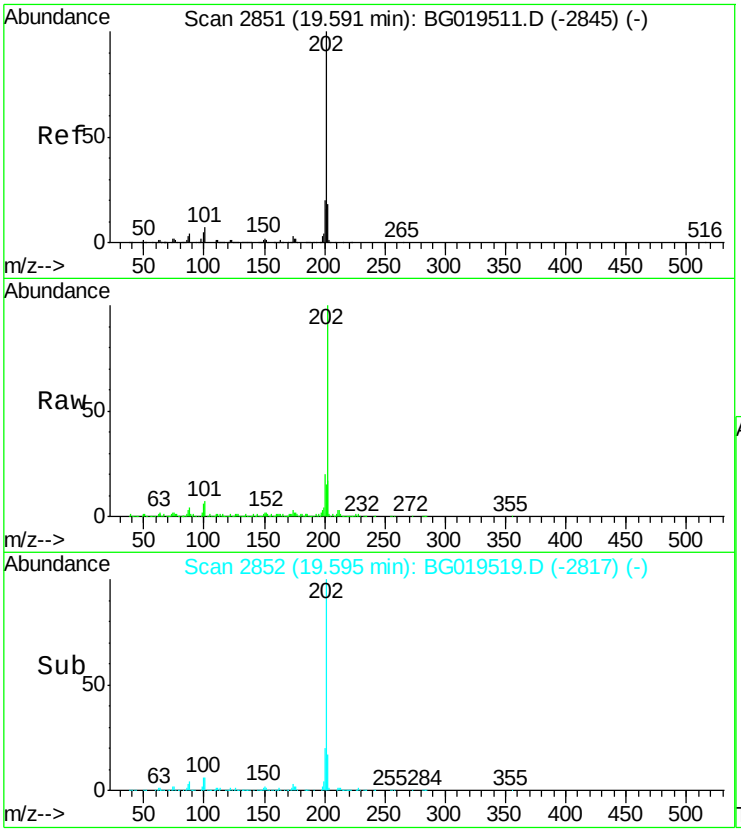


#75
Carbazole
Concen: 217.99 ng/ul
RT: 17.97 min Scan# 2576
Delta R.T. 0.02 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:167 Resp: 3141761

Ion	Ratio	Lower	Upper
167	100		
166	35.0	16.8	25.2#
139	21.0	9.8	14.6#



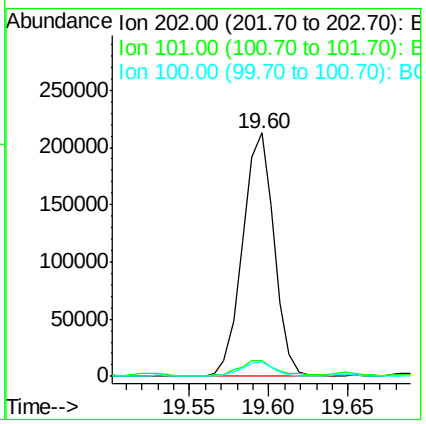


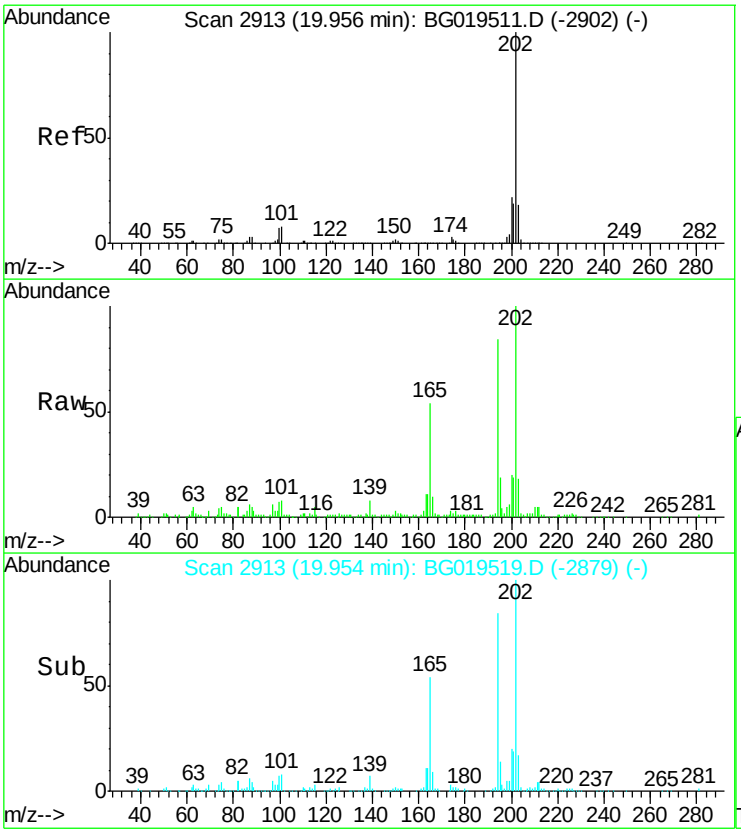
#77
Fluoranthene
Concen: 12.71 ng/ul
RT: 19.60 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Instrument :
BNA_G
ClientSampleId :
BCY52

Tgt Ion:202 Resp: 291642

Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.0	6.0#
100	5.9	3.6	5.4#





#80
Pyrene
Concen: 6.36 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG019519.D
Acq: 6 Nov 2015 19:31

Tgt Ion:202 Resp: 162339

Ion	Ratio	Lower	Upper
202	100		
101	8.4	4.3	6.5#
100	7.4	3.6	5.4#