Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019520.D
Acq On : 6 Nov 2015 20:09
Operator : UM/NP
Sample : G4245-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCY53

Quant Time: Nov 07 00:11:58 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	46174	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	83834	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.81	164	141880	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	353659	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	471094	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	455154	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	1656	1.72	ng/uL	0.00
5) Phenol-d5	7.32	99	47231	11.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	88052	32.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	69608	26.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	61837	18.32	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	53592	86.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	52818	72.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	101363	63.88	ng/ul	0.01
29) 4-Chloroaniline-d4	11.15	131	106867	66.58	ng/ul	0.02
44) Dimethylphthalate-d6	14.21	166	387079	33.09	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	427116	32.97	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	31590	17.00	ng/ul	0.00
58) Fluorene-d10	15.80	176	344071	31.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	67841	29.64	ng/ul	0.00
71) Anthracene-d10	17.65	188	567599	35.21	ng/ul	0.00
79) Pyrene-d10	19.93	212	681825	33.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.96	264	803307	35.17	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.31	77	30051	10.90	ng/ul#	1
14) Acetophenone	9.13	105	6401	1.13	ng/ul	98
16) 4-Methylphenol	8.96	108	5197	1.43	ng/ul#	64
17) Hexachloroethane	9.30	117	35932	25.26	ng/ul#	1
21) Isophorone	10.09	82	8139	1.87	ng/ul#	73
24) 2,4-Dimethylphenol	10.17	107	11568	5.33	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.41	93	3500	1.69	ng/ul#	1
28) Naphthalene	11.15	128	14111126	3364.10	ng/ul#	1
30) 4-Chloroaniline	11.15	127	6550813	3892.99	ng/ul#	1
34) 2-Methylnaphthalene	12.66	142	983020	291.63	ng/ul	97
35) 1-Methylnaphthalene	12.89	142	2366788	742.10	ng/ul	98
41) 1,1'-Biphenyl	13.65	154	1000406	99.75	ng/ul#	95
48) Acenaphthylene	14.54	152	133541	10.06	ng/ul#	93
50) Acenaphthene	14.89	153	2420676	270.09	ng/ul#	92
54) Dibenzofuran	15.21	168	2428630	183.99	ng/ul#	80
59) Fluorene	15.86	166	1622563	140.91	ng/ul#	96
61) 4-Nitroaniline	15.86	138	23352	9.75	ng/ul#	6
70) Phenanthrene	17.69	178	177629	9.95	ng/ul	95
72) Anthracene	17.69	178	180024	9.90	ng/ul	93
75) Carbazole	17.97	167	2983085	205.48	ng/ul#	77
77) Fluoranthene	19.59	202	268051	11.60	ng/ul#	94
80) Pyrene	19.96	202	154226	5.83	ng/ul#	87

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019520.D
Acq On : 6 Nov 2015 20:09
Operator : UM/NP
Sample : G4245-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY53

Quant Time: Nov 07 00:11:58 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 : BG019520.D
Acq On : 6 Nov 2015 20:09
Operator : UM/NP
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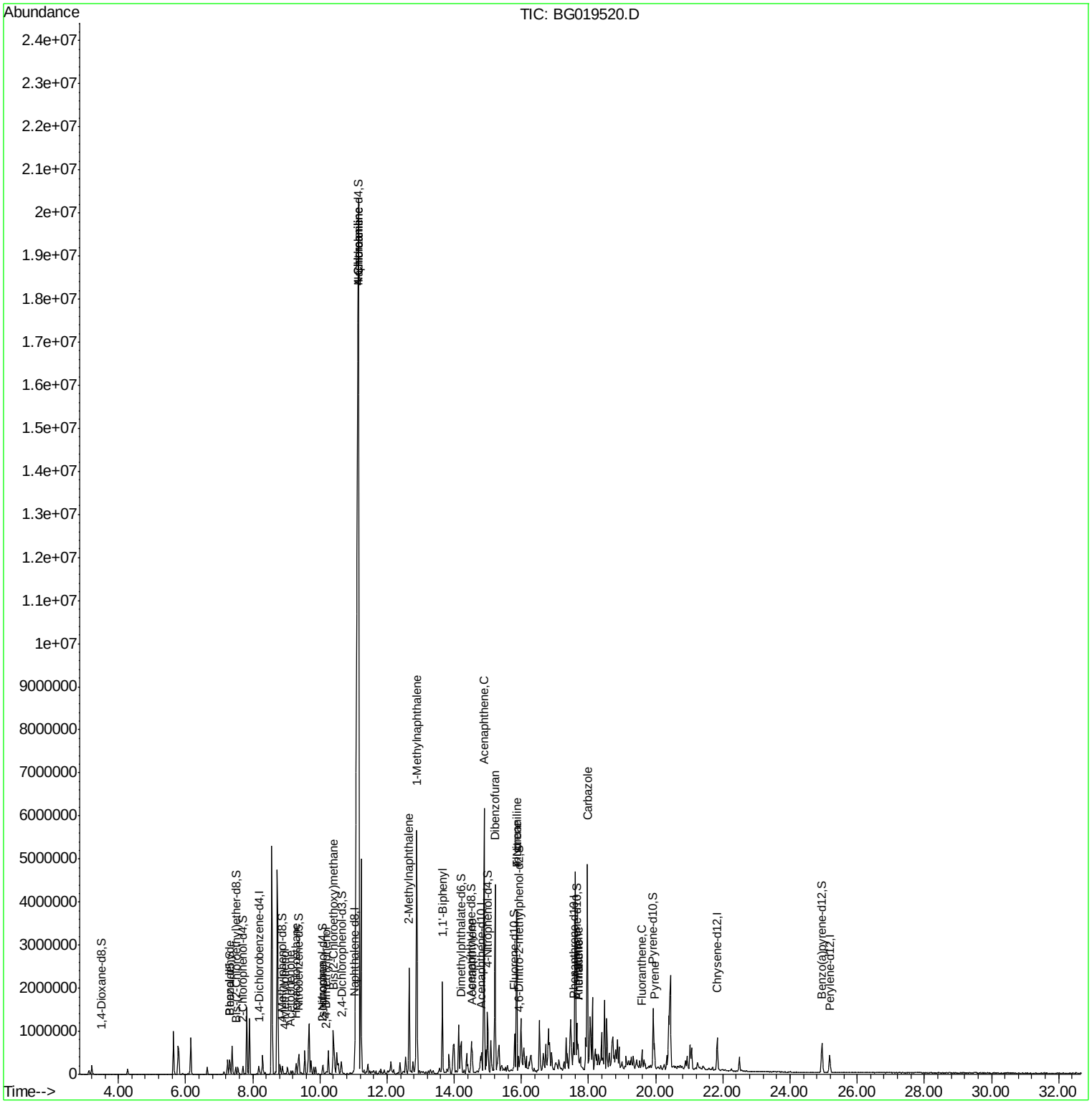
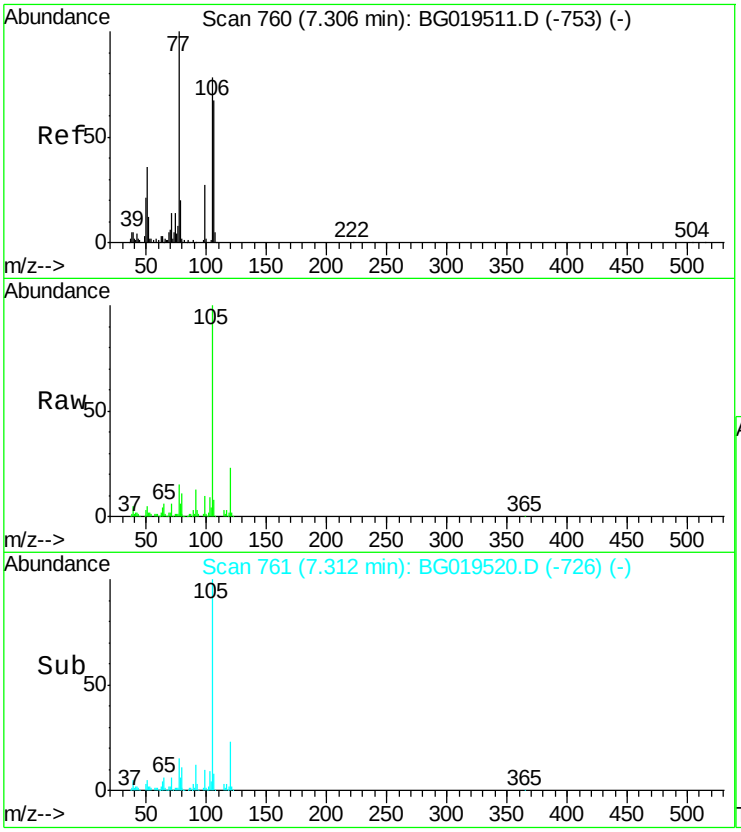
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 23:58:14 2015
Response via : Initial Calibration



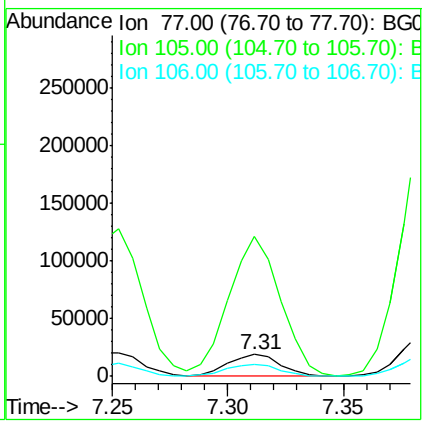


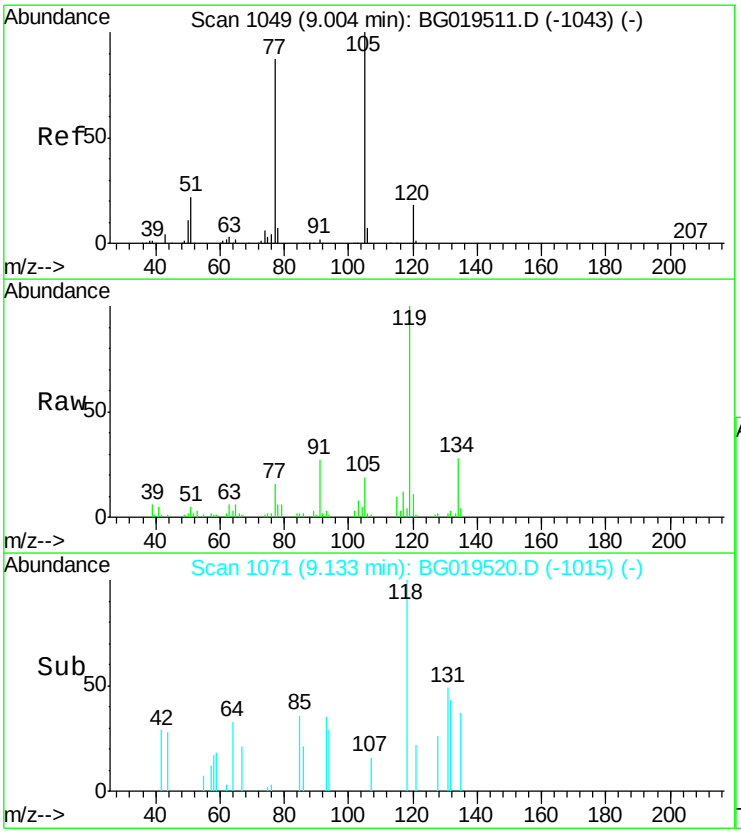
#4
Benzaldehyde
Concen: 10.90 ng/ul
RT: 7.31 min Scan# 761
Delta R.T. 0.01 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion: 77 Resp: 30051

Ion	Ratio	Lower	Upper
77	100		
105	648.5	61.6	92.4#
106	53.2	56.4	84.6#

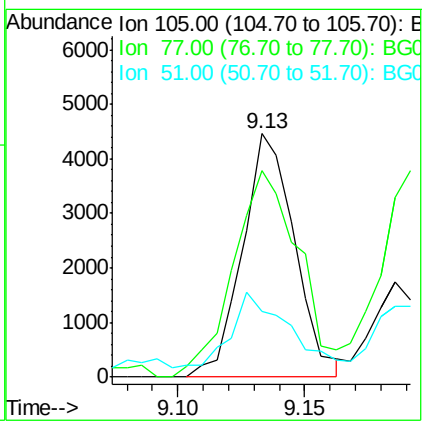


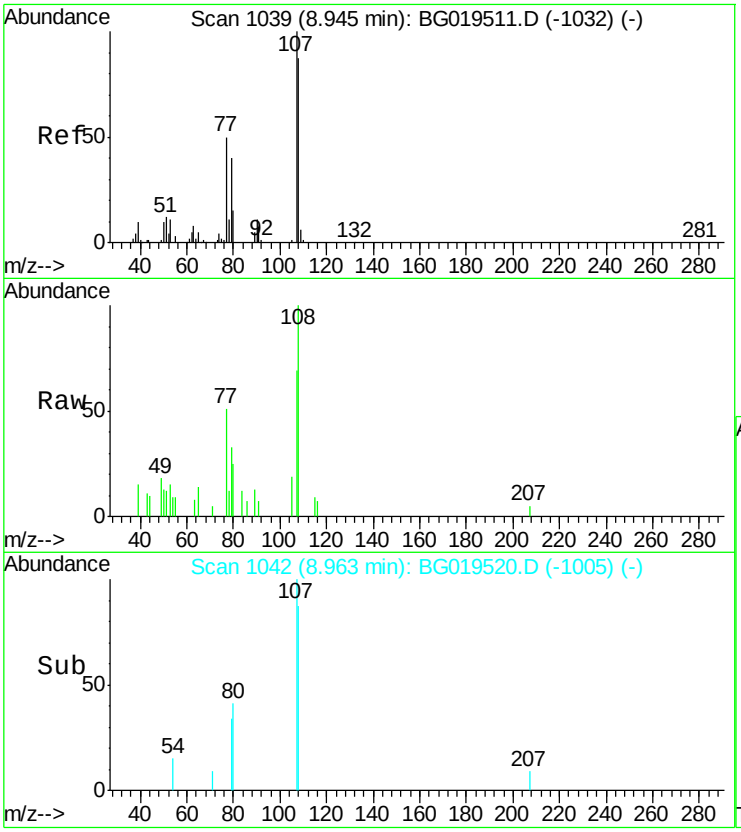


#14
Acetophenone
Concen: 1.13 ng/ul
RT: 9.13 min Scan# 1071
Delta R.T. 0.13 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:105 Resp: 6401

Ion	Ratio	Lower	Upper
105	100		
77	84.8	69.5	104.3
51	27.1	21.8	32.6



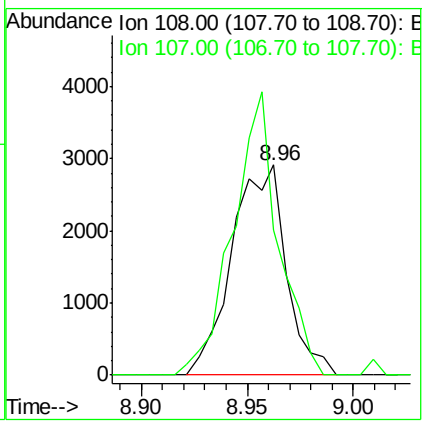


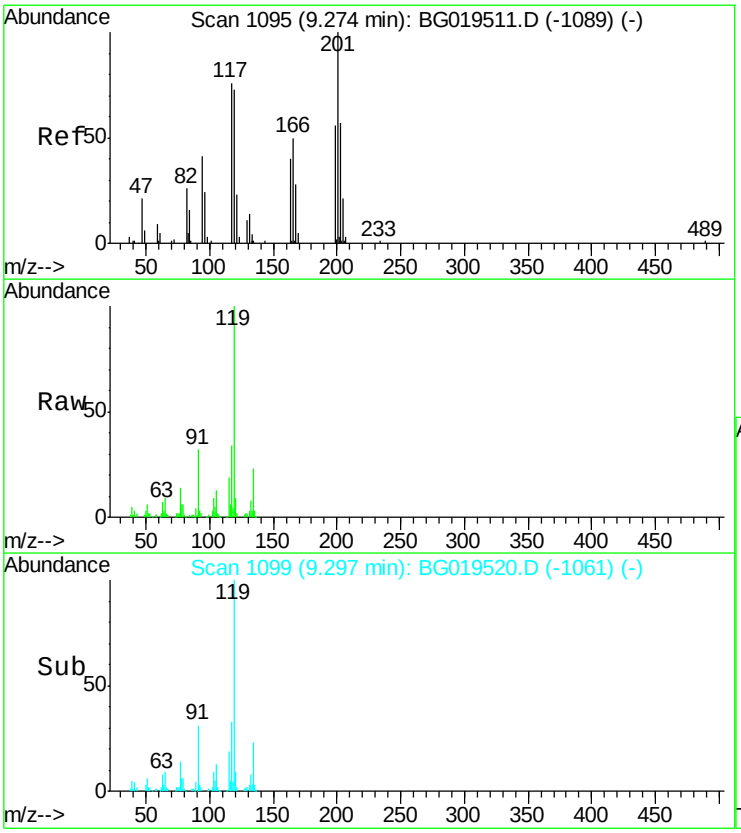
#16
4-Methylphenol
Concen: 1.43 ng/ul
RT: 8.96 min Scan# 1042
Delta R.T. 0.02 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion:108 Resp: 5197

Ion	Ratio	Lower	Upper
108	100		
107	69.1	85.4	128.2#

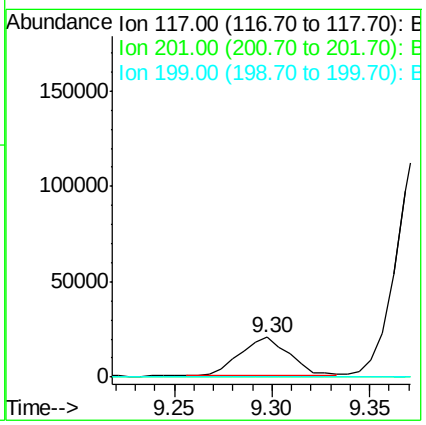


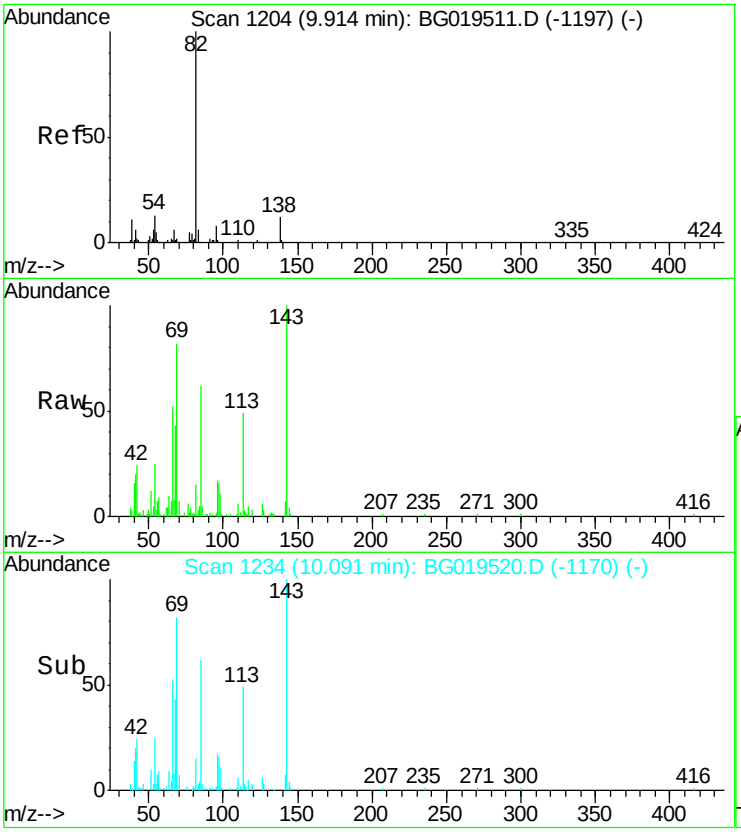


#17
Hexachloroethane
Concen: 25.26 ng/ul
RT: 9.30 min Scan# 1099
Delta R.T. 0.02 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:117 Resp: 35932

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



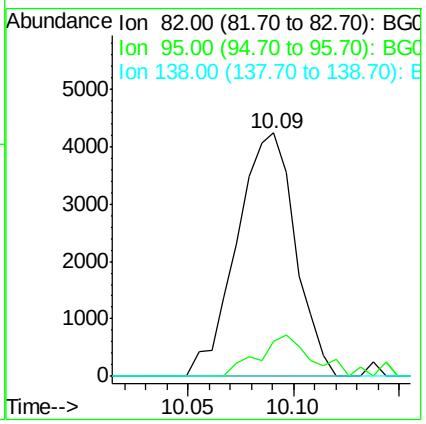


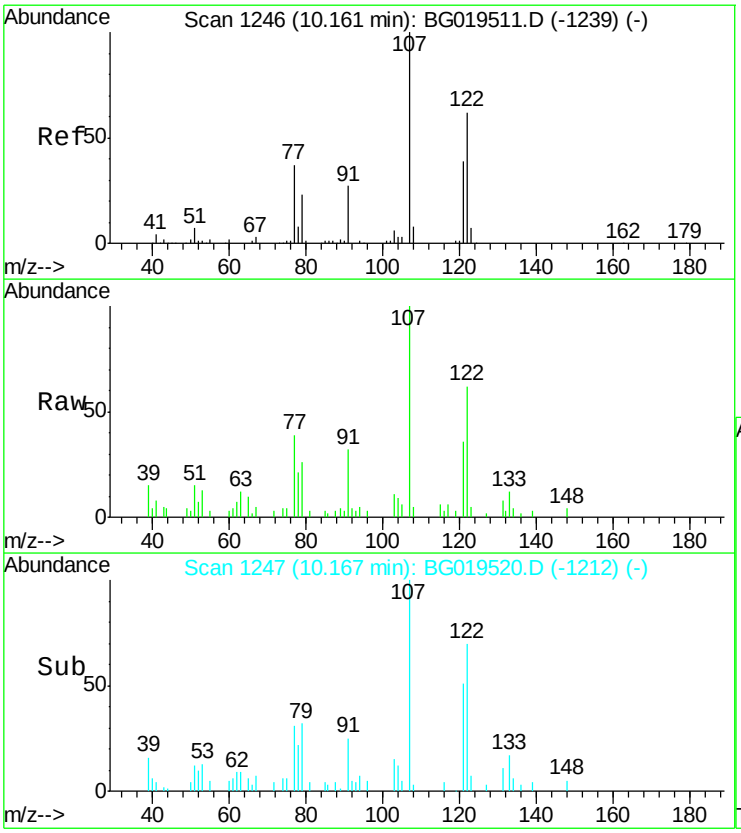
#21
Isophorone
Concen: 1.87 ng/ul
RT: 10.09 min Scan# 1234
Delta R.T. 0.18 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion: 82 Resp: 8139

Ion	Ratio	Lower	Upper
82	100		
95	14.1	6.7	10.1#
138	0.0	10.8	16.2#

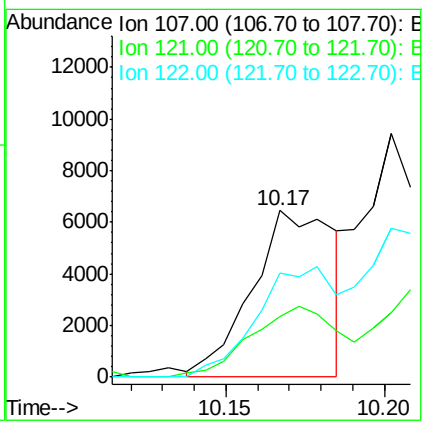


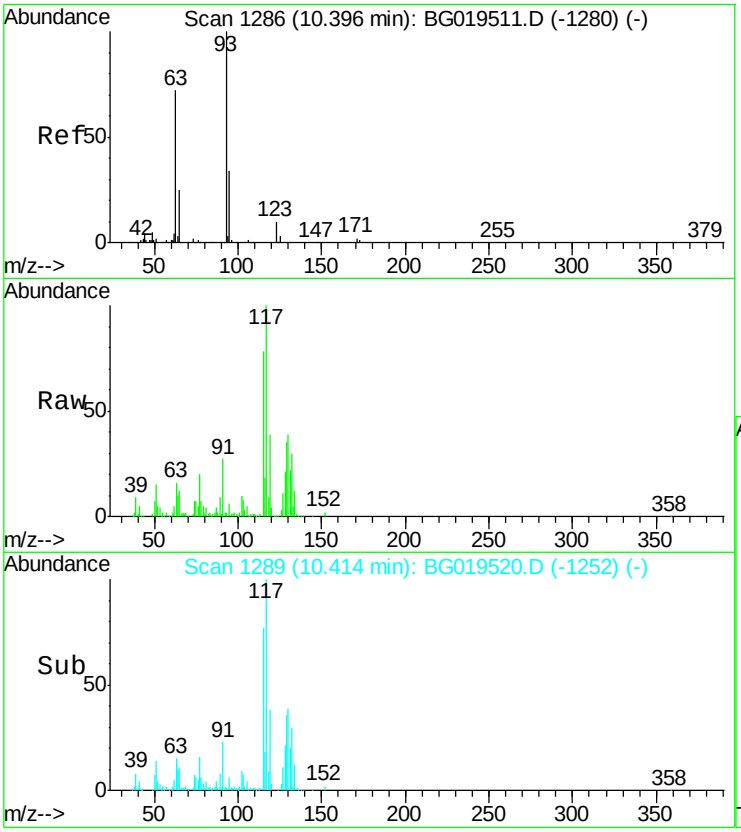


#24
2,4-Dimethylphenol
Concen: 5.33 ng/ul
RT: 10.17 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:107 Resp: 11568

Ion	Ratio	Lower	Upper
107	100		
121	36.3	33.0	49.4
122	62.3	54.2	81.2



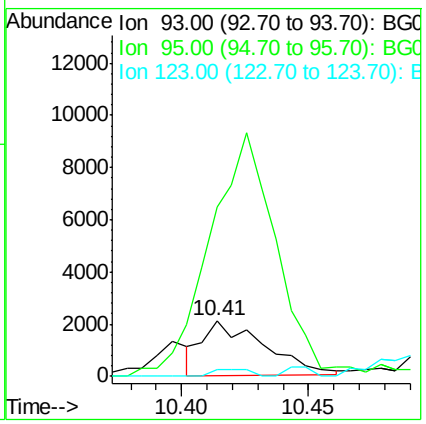


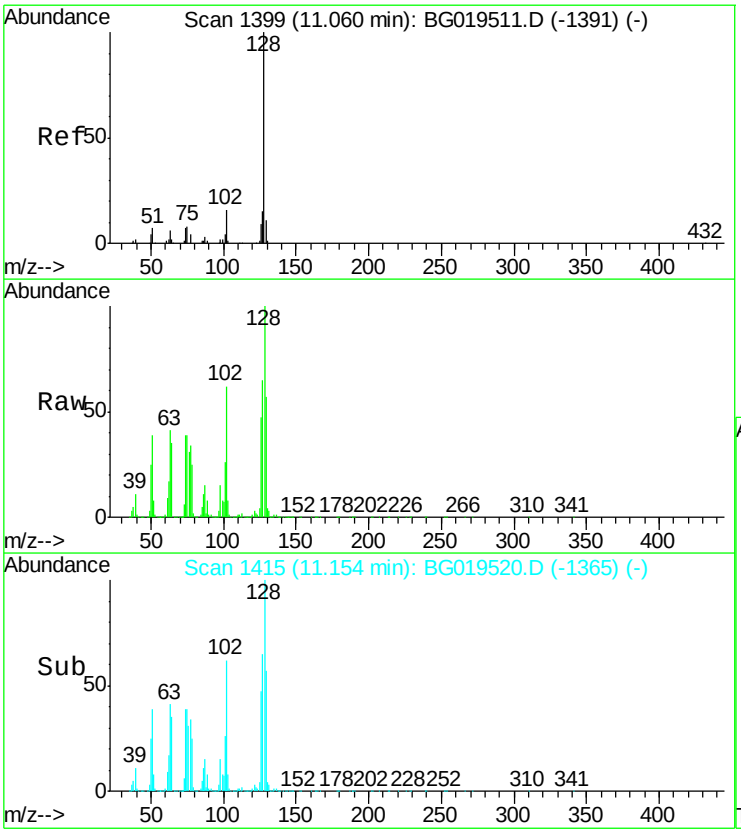
#25
Bis(2-Chloroethoxy)methane
Concen: 1.69 ng/ul
RT: 10.41 min Scan# 1289
Delta R.T. 0.02 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion: 93 Resp: 3500

Ion	Ratio	Lower	Upper
93	100		
95	304.3	26.1	39.1#
123	12.7	8.2	12.2#

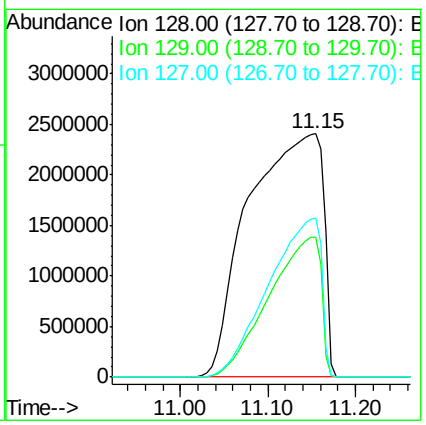


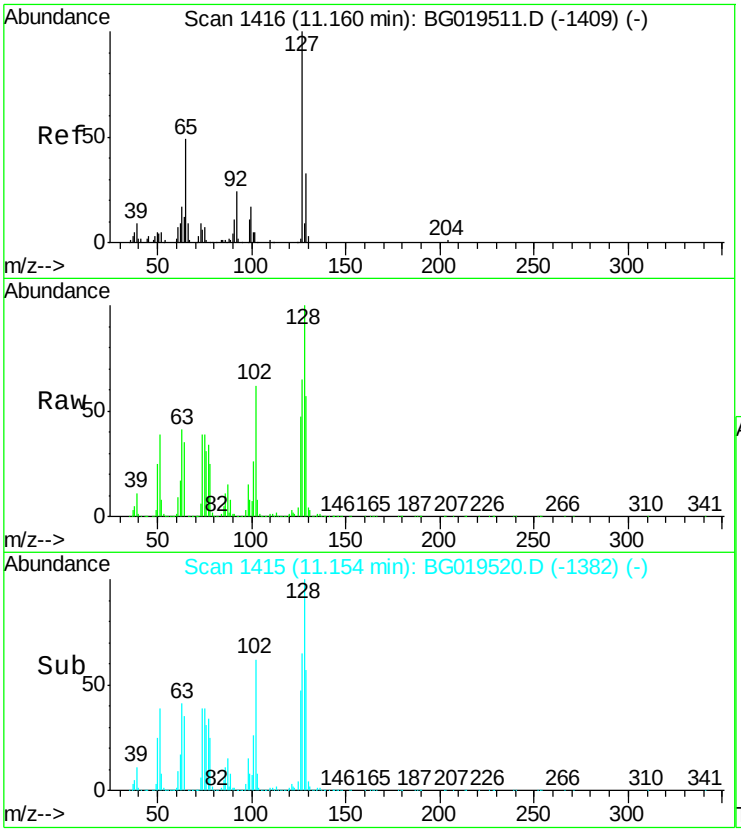


#28
Naphthalene
Concen: 3364.10 ng/ul
RT: 11.15 min Scan# 1415
Delta R.T. 0.09 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:128 Resp:14111126

Ion	Ratio	Lower	Upper
128	100		
129	57.3	8.9	13.3#
127	65.2	13.1	19.7#



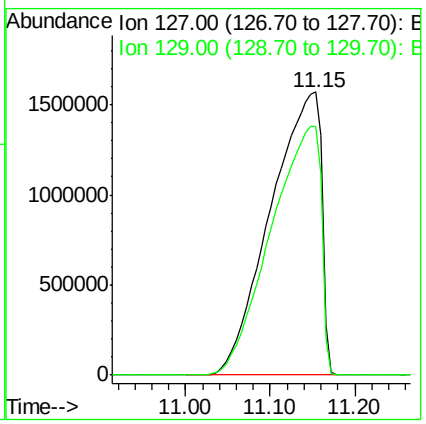


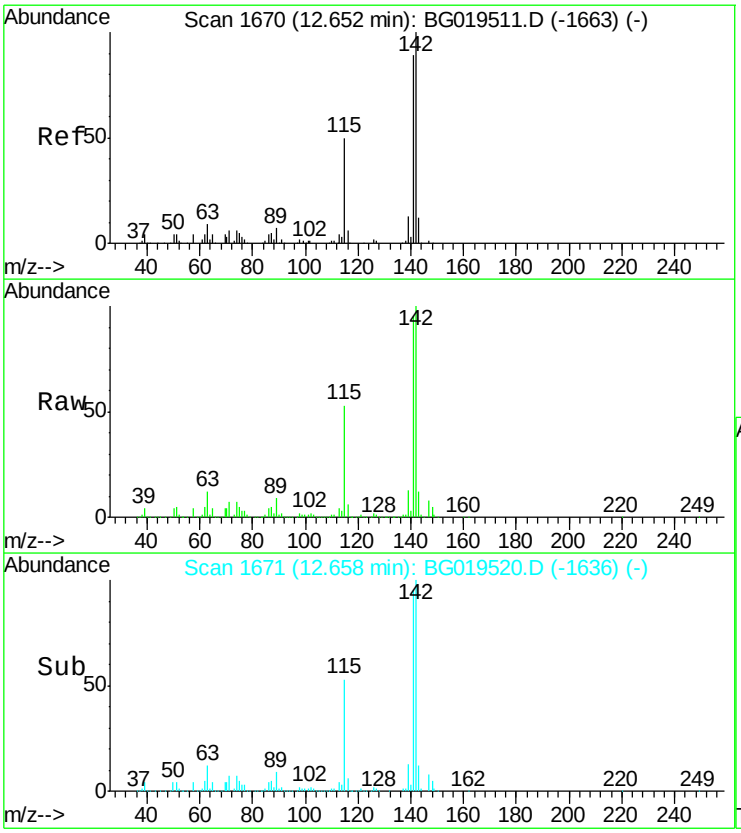
#30
4-Chloroaniline
Concen: 3892.99 ng/ul
RT: 11.15 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion:127 Resp: 6550813

Ion	Ratio	Lower	Upper
127	100		
129	88.0	24.6	36.8#

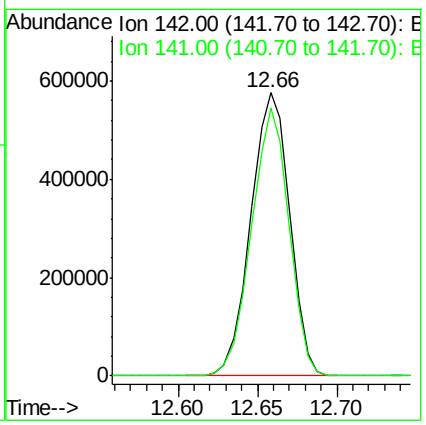


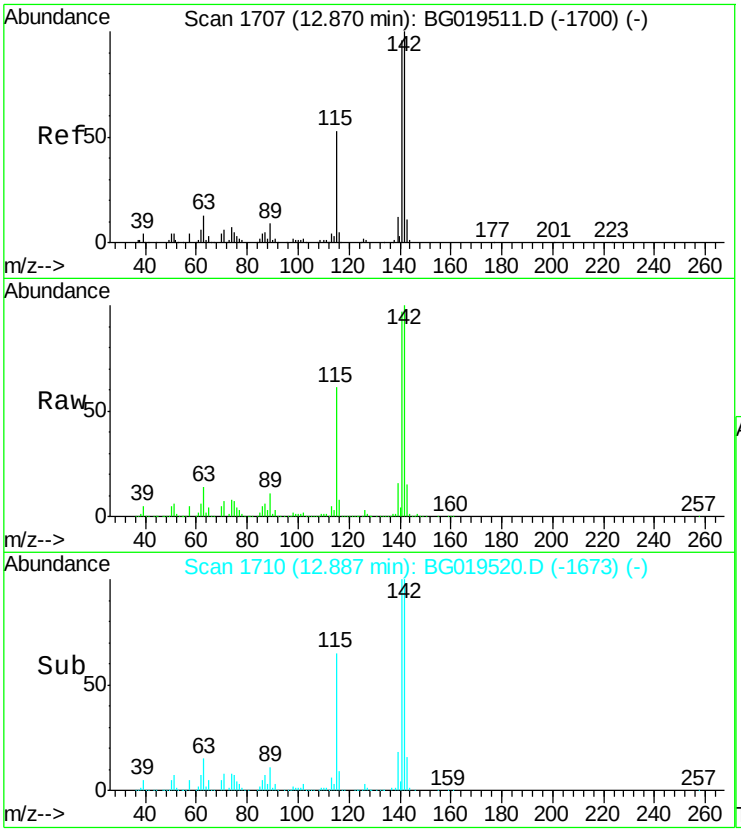


#34
2-Methylnaphthalene
Concen: 291.63 ng/ul
RT: 12.66 min Scan# 1671
Delta R.T. 0.01 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:142 Resp: 983020

Ion	Ratio	Lower	Upper
142	100		
141	94.6	73.4	110.2



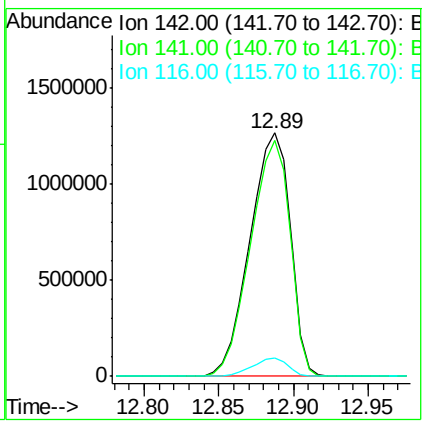


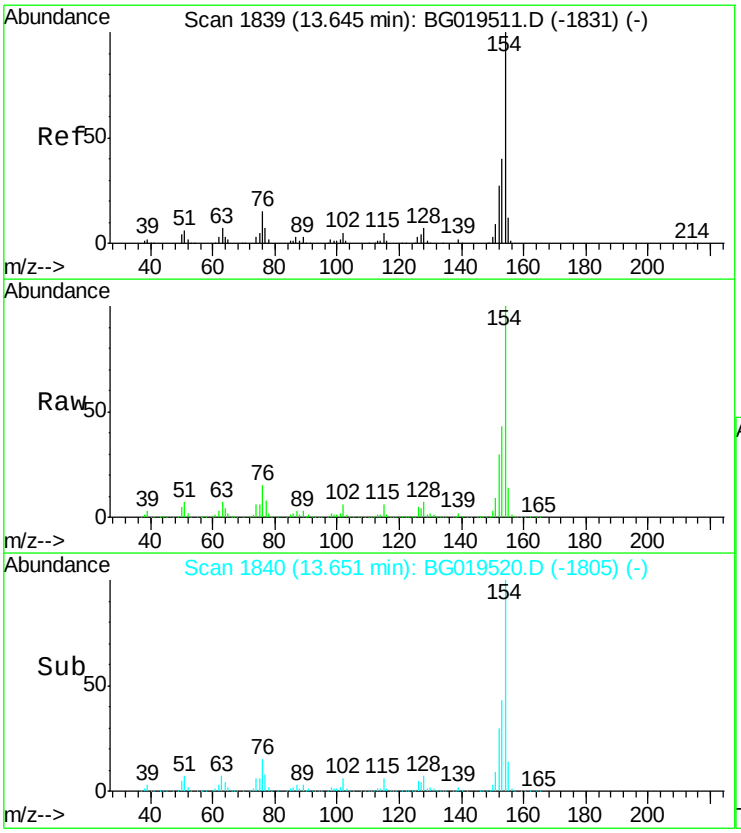
#35
1-Methylnaphthalene
Concen: 742.10 ng/ul
RT: 12.89 min Scan# 1710
Delta R.T. 0.02 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion:142 Resp: 2366788

Ion	Ratio	Lower	Upper
142	100		
141	97.0	76.5	114.7
116	7.7	5.4	8.0

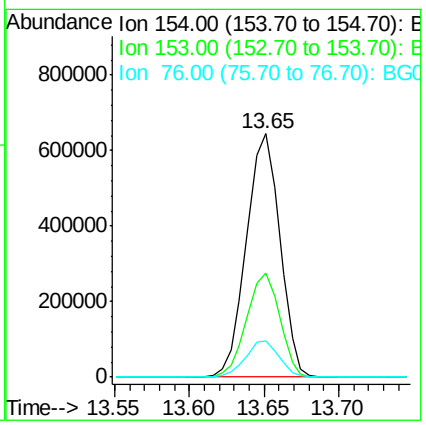


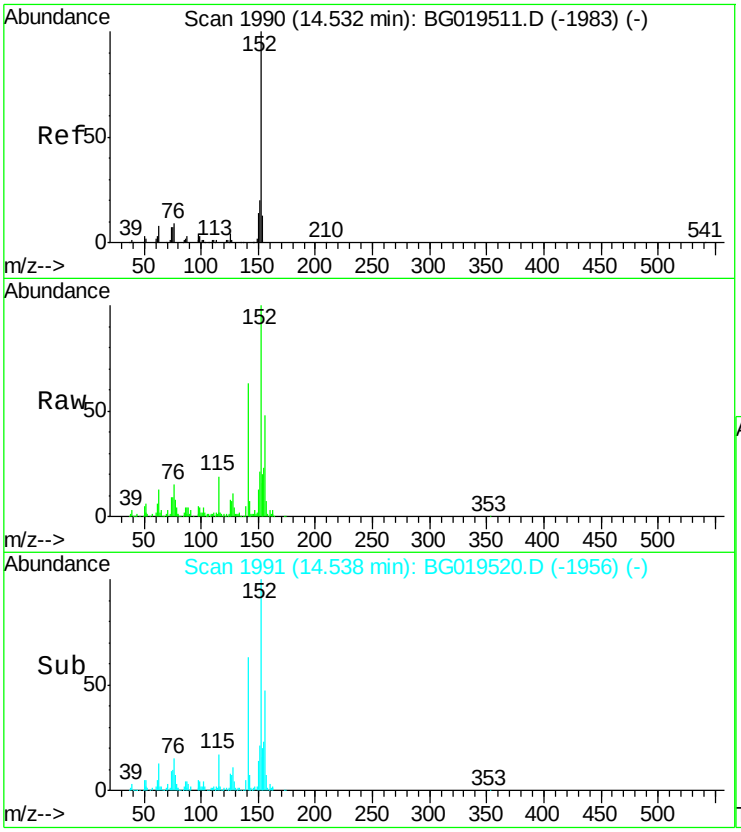


#41
1,1'-Biphenyl
Concen: 99.75 ng/ul
RT: 13.65 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:154 Resp: 1000406

Ion	Ratio	Lower	Upper
154	100		
153	43.0	32.8	49.2
76	14.9	7.7	11.5#



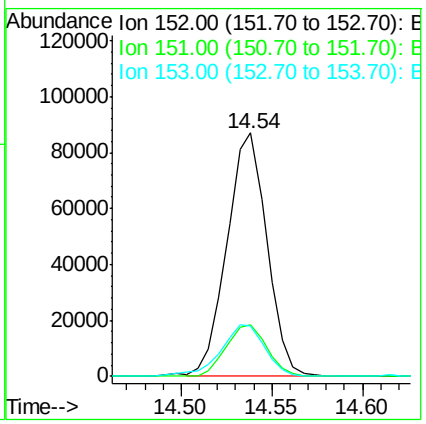


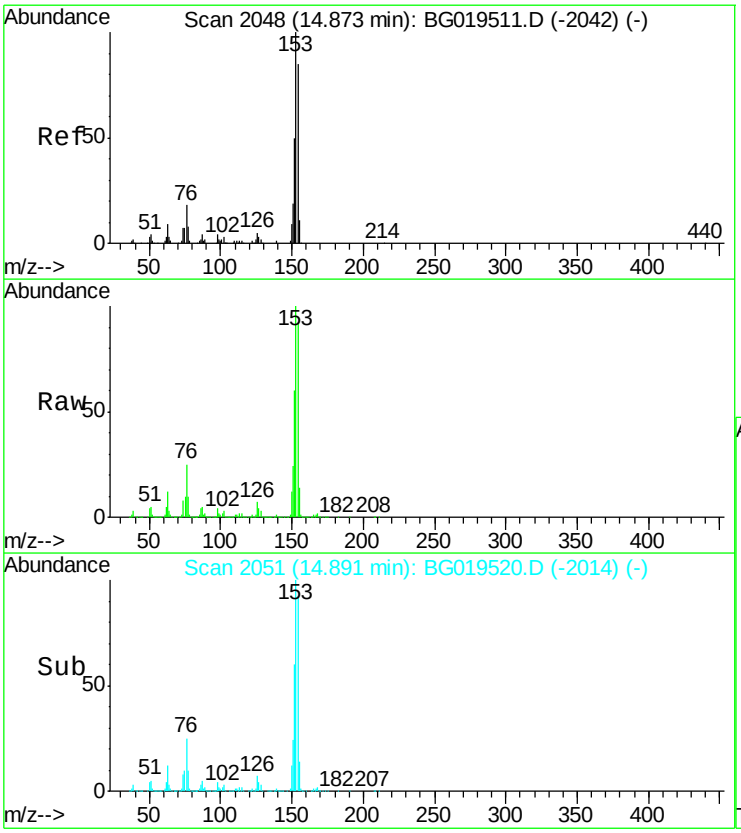
#48
Acenaphthylene
Concen: 10.06 ng/ul
RT: 14.54 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion:152 Resp: 133541

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	20.5	10.8	16.2#

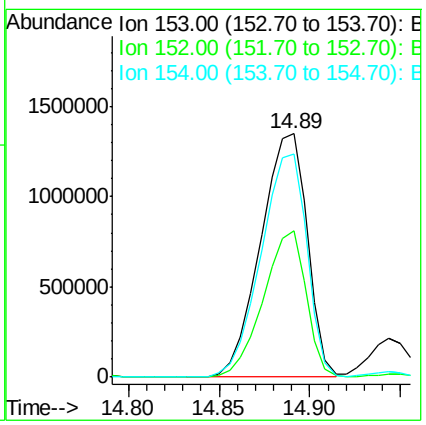


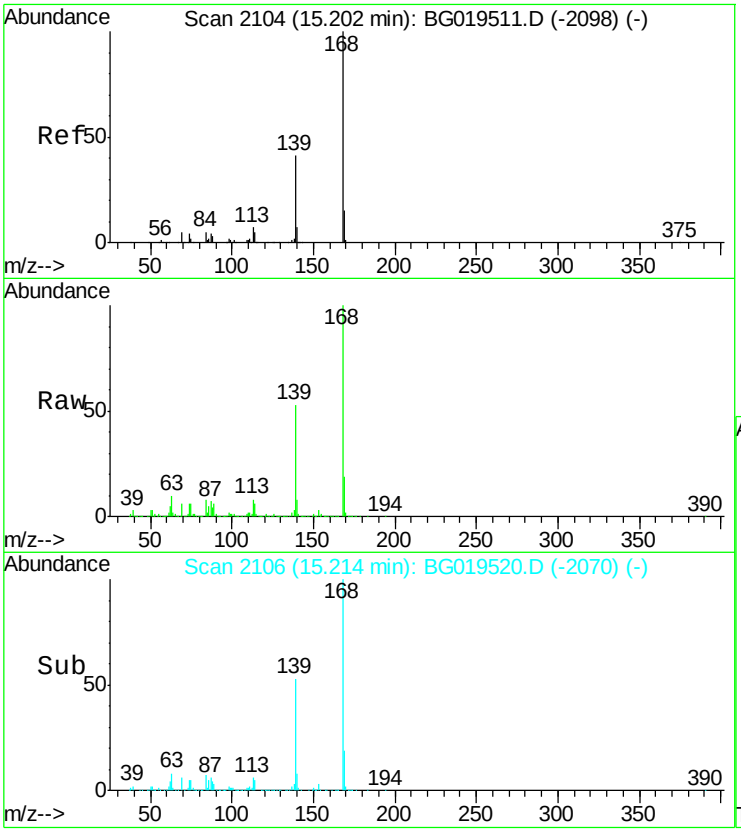


#50
Acenaphthene
Concen: 270.09 ng/ul
RT: 14.89 min Scan# 2051
Delta R.T. 0.02 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:153 Resp: 2420676

Ion	Ratio	Lower	Upper
153	100		
152	60.0	38.8	58.2#
154	91.8	71.5	107.3



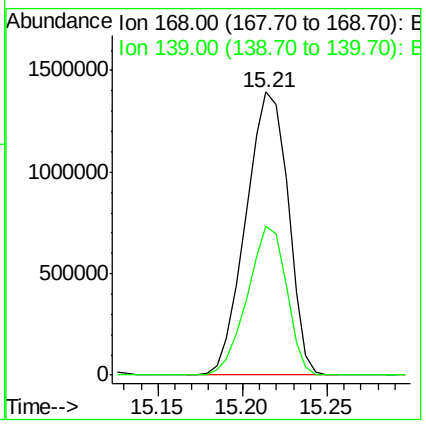


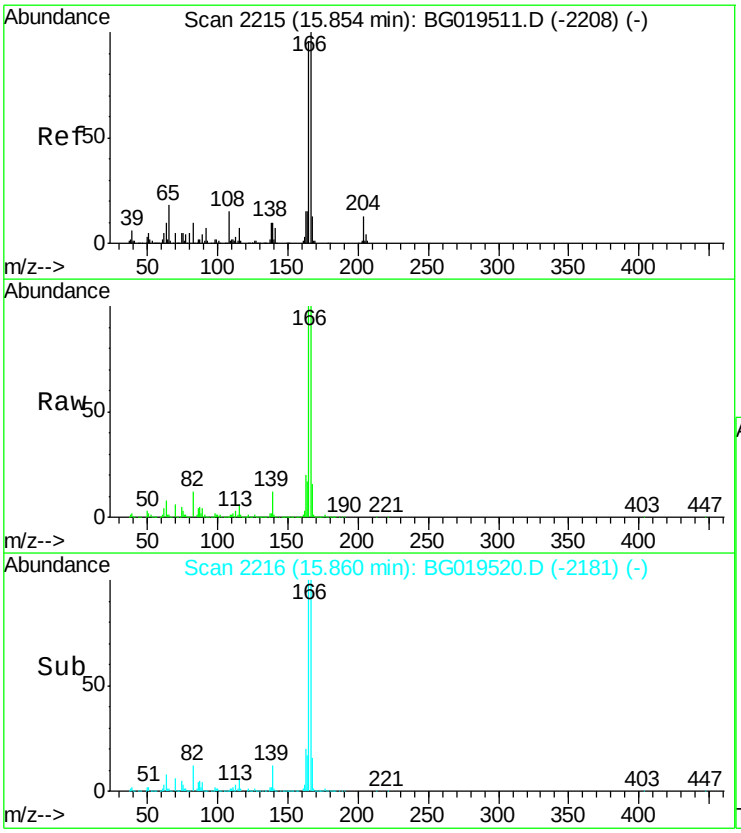
#54
Dibenzofuran
Concen: 183.99 ng/ul
RT: 15.21 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion:168 Resp: 2428630

Ion	Ratio	Lower	Upper
168	100		
139	52.8	32.4	48.6#

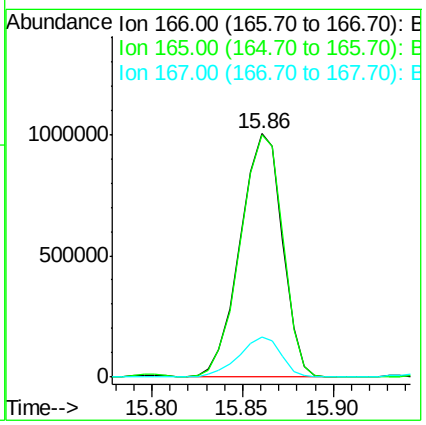


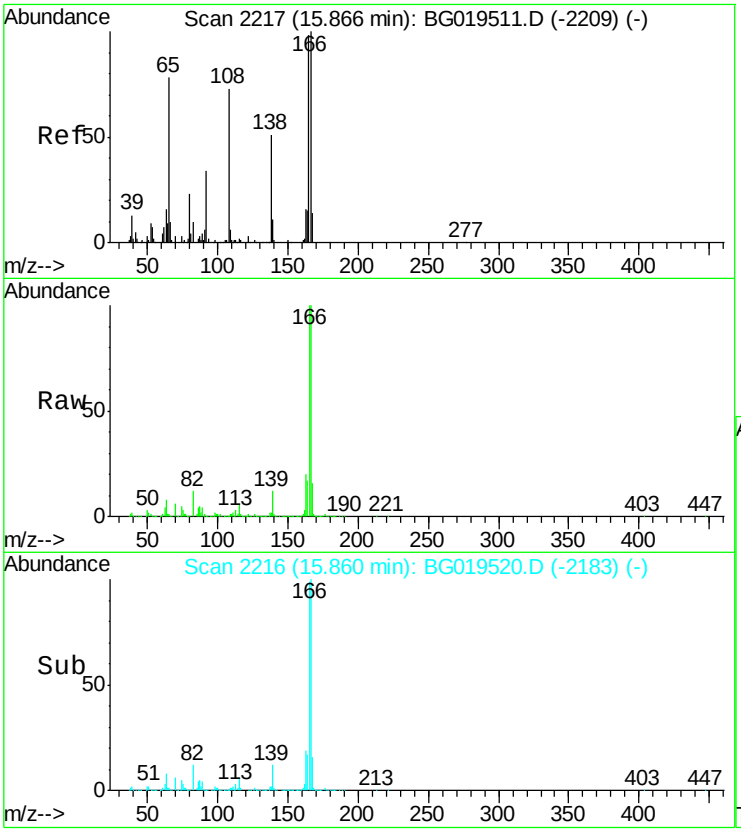


#59
Fluorene
Concen: 140.91 ng/ul
RT: 15.86 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:166 Resp: 1622563

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.6	116.4
167	16.4	9.6	14.4#



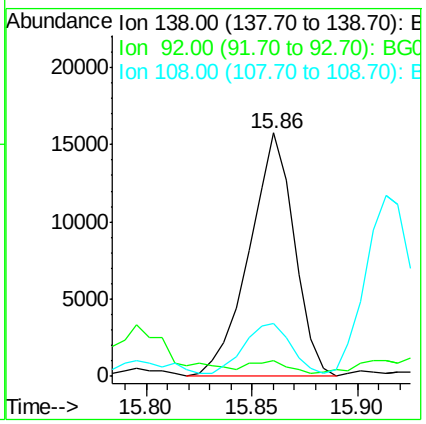


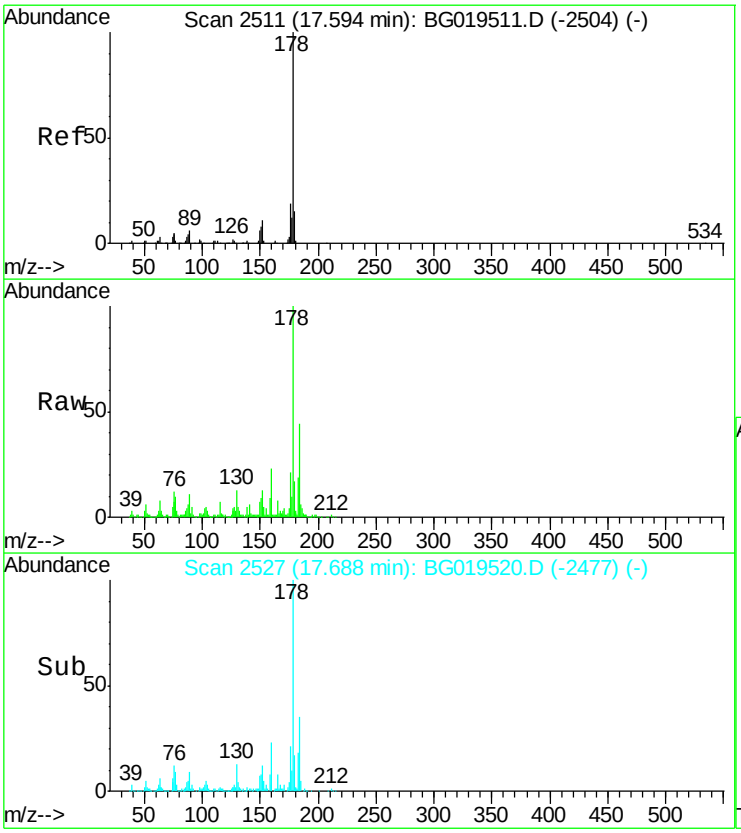
#61
4-Nitroaniline
Concen: 9.75 ng/ul
RT: 15.86 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion:138 Resp: 23352

Ion	Ratio	Lower	Upper
138	100		
92	6.4	53.9	80.9#
108	21.8	122.5	183.7#

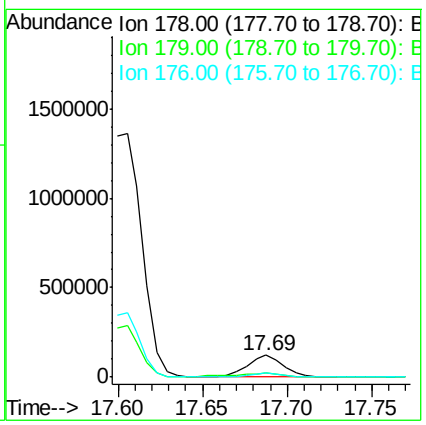


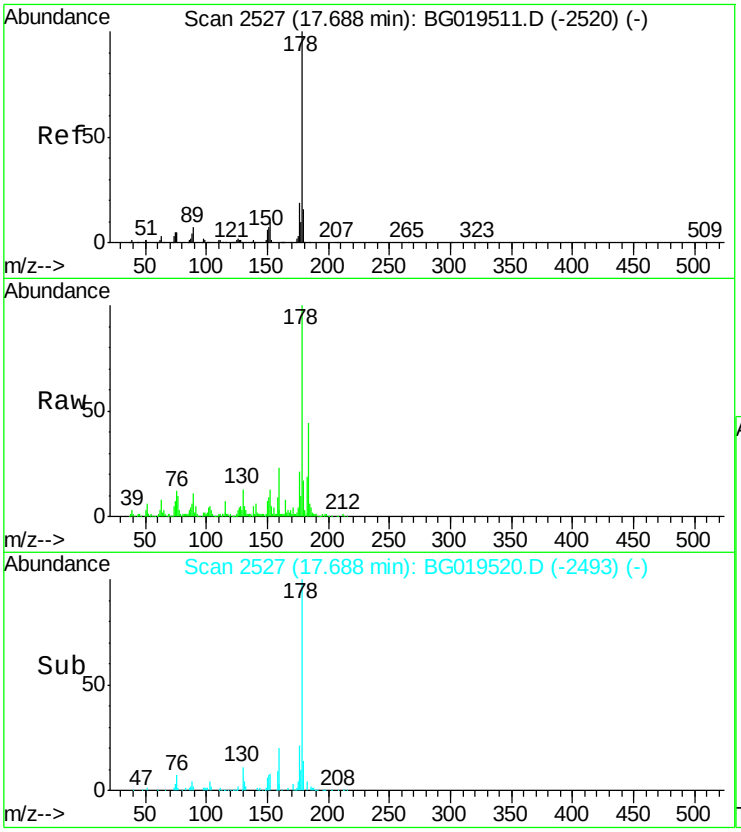


#70
Phenanthrene
Concen: 9.95 ng/ul
RT: 17.69 min Scan# 2527
Delta R.T. 0.09 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:178 Resp: 177629

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	21.0	14.3	21.5



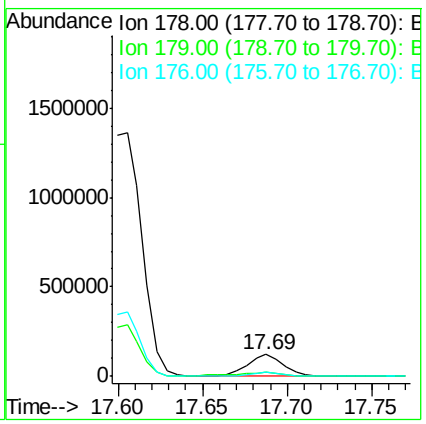


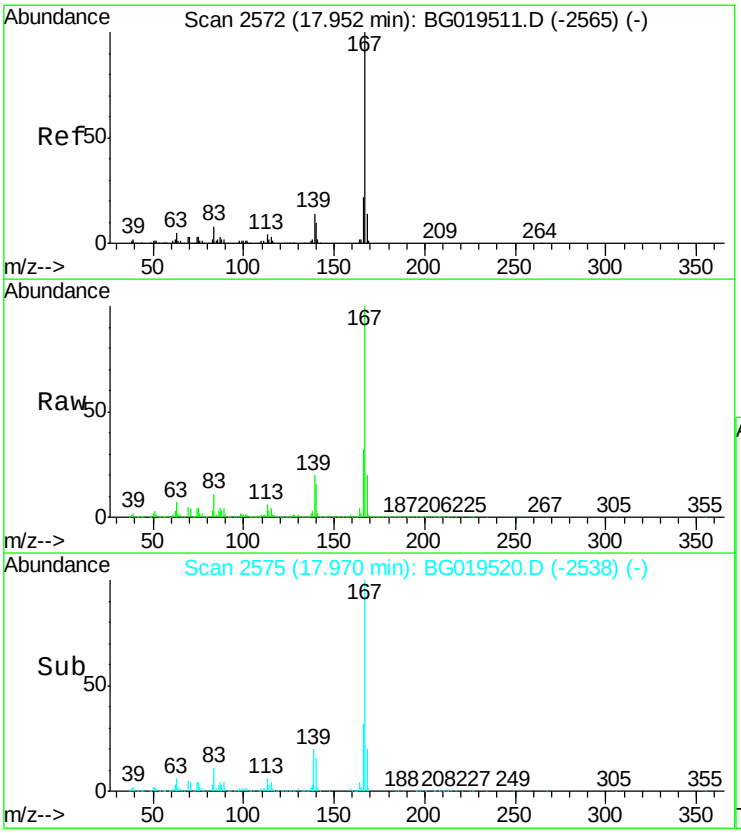
#72
Anthracene
Concen: 9.90 ng/ul
RT: 17.69 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion:178 Resp: 180024

Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.6	17.4
176	21.0	14.2	21.4

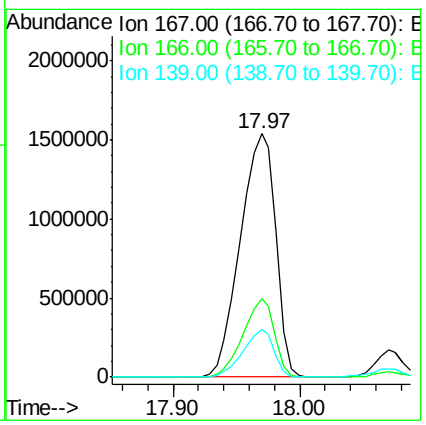


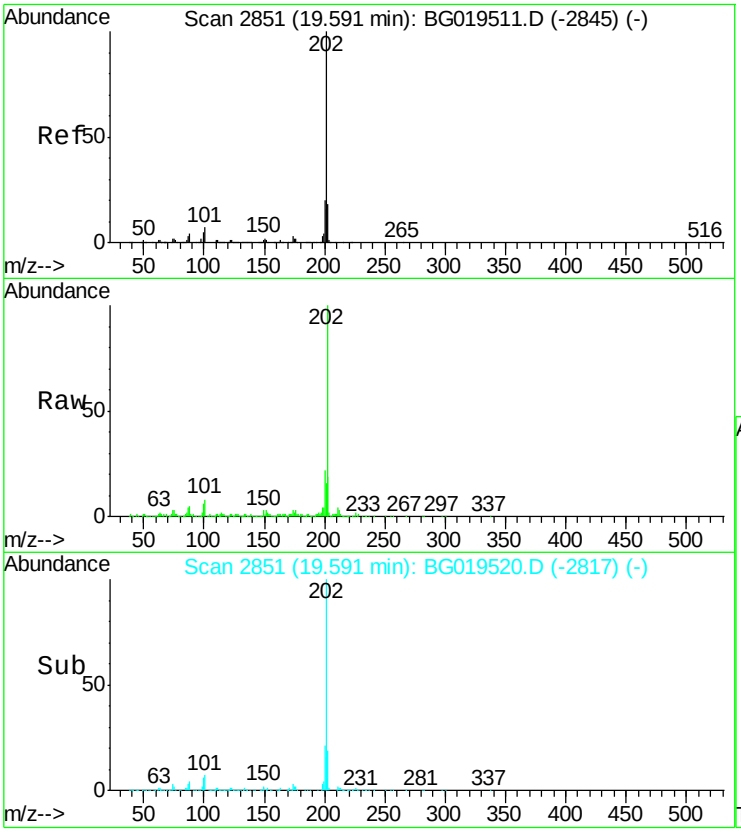


#75
Carbazole
Concen: 205.48 ng/ul
RT: 17.97 min Scan# 2575
Delta R.T. 0.02 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:167 Resp: 2983085

Ion	Ratio	Lower	Upper
167	100		
166	32.4	16.8	25.2#
139	19.8	9.8	14.6#



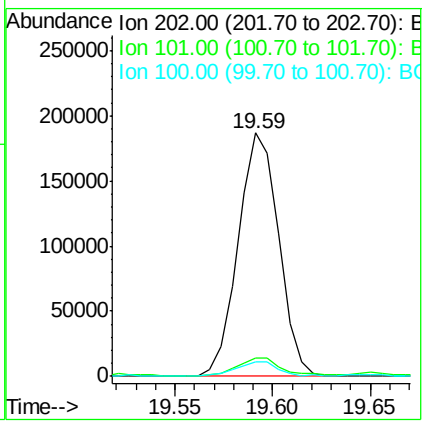


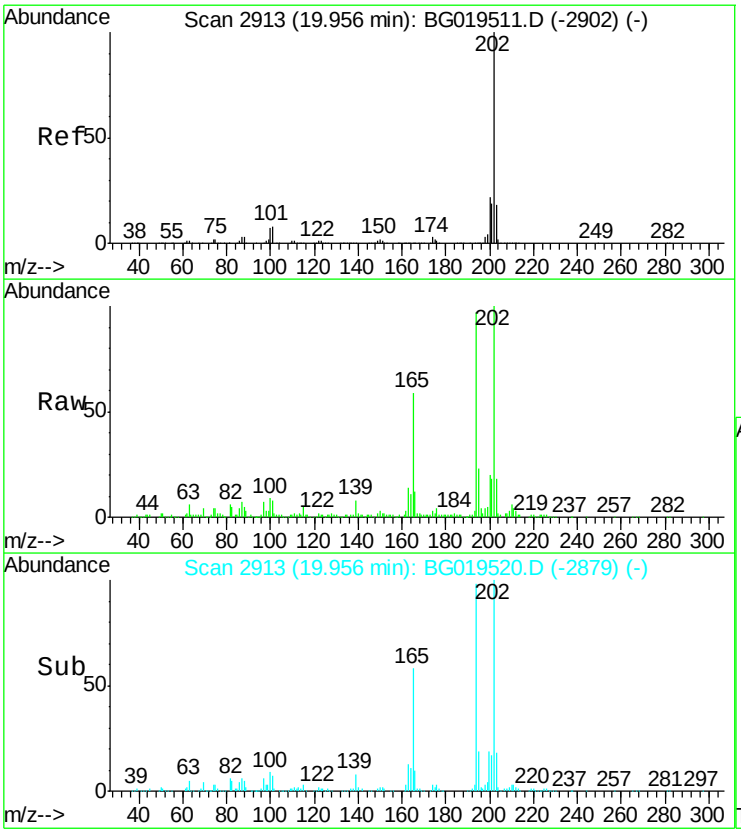
#77
Fluoranthene
Concen: 11.60 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Instrument :
BNA_G
ClientSampleId :
BCY53

Tgt Ion:202 Resp: 268051

Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.0	6.0#
100	5.7	3.6	5.4#





#80
Pyrene
Concen: 5.83 ng/ul
RT: 19.96 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG019520.D
Acq: 6 Nov 2015 20:09

Tgt Ion:202 Resp: 154226

Ion	Ratio	Lower	Upper
202	100		
101	9.7	4.3	6.5#
100	8.5	3.6	5.4#