Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020420.D
Acq On : 22 Dec 2015 22:11
Operator : UM/SJ
Sample : G4848-05
Misc : MED LEVEL RX
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N51ME

Quant Time: Dec 23 04:18:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 04:11:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	24643	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	109370	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.72	164	78442	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	157573	20.00	ng/ul	0.01
78) Chrysene-d12	21.75	240	195777	20.00	ng/ul	0.01
86) Perylene-d12	25.01	264	193889	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	1116	2.50	ng/uL	0.00
5) Phenol-d5	7.24	99	31274	14.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	21013	16.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	26294	16.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	27896	15.01	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	15826	18.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	18636	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	31817	16.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	35187	16.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	110861	17.47	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	129923	17.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	14467	12.71	ng/ul	0.00
58) Fluorene-d10	15.72	176	99109	17.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.87	200	14218	15.22	ng/ul	0.04
71) Anthracene-d10	17.60	188	143145	19.72	ng/ul	0.04
79) Pyrene-d10	19.86	212	176797	19.38	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.79	264	202903	20.98	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.53	108	1896	1.07	ng/ul	93
16) 4-Methylphenol	8.86	108	3949	2.01	ng/ul	97
17) Hexachloroethane	9.20	117	2908	4.18	ng/ul#	1
24) 2,4-Dimethylphenol	10.07	107	5842	2.53	ng/ul	92
28) Naphthalene	11.00	128	4613475	807.75	ng/ul#	69
30) 4-Chloroaniline	11.00	127	949292	430.81	ng/ul#	14
34) 2-Methylnaphthalene	12.57	142	1922768	440.73	ng/ul	100
35) 1-Methylnaphthalene	12.79	142	966998	230.56	ng/ul#	98
41) 1,1'-Biphenyl	13.56	154	776761	131.26	ng/ul	99
45) Dimethylphthalate	14.17	163	15640	2.41	ng/ul	96
48) Acenaphthylene	14.44	152	191751	24.45	ng/ul#	94
50) Acenaphthene	14.82	153	2809273	532.39	ng/ul#	87
54) Dibenzofuran	15.14	168	2729538	347.73	ng/ul#	78
55) 2,4-Dinitrotoluene	15.07	165	6266	3.18	ng/ul#	27
59) Fluorene	15.80	166	2702425	428.72	ng/ul#	97
61) 4-Nitroaniline	15.79	138	43553	30.96	ng/ul#	13
65) N-Nitrosodiphenylamine	15.98	169	16878	3.85	ng/ul#	1
70) Phenanthrene	17.63	178	1062450	123.27	ng/ul	95
72) Anthracene	17.63	178	1066824	122.04	ng/ul#	92
75) Carbazole	17.88	167	618117	84.15	ng/ul	97
77) Fluoranthene	19.55	202	4936220	490.04	ng/ul#	62
80) Pyrene	19.91	202	3914075	330.32	ng/ul#	71
83) Benzo(a)anthracene	21.73	228	1418611	124.18	ng/ul	92

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020420.D
Acq On : 22 Dec 2015 22:11
Operator : UM/SJ
Sample : G4848-05
Misc : MED LEVEL RX
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N51ME

Quant Time: Dec 23 04:18:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 04:11:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Chrysene	21.80	228	1197723	111.33	ng/ul	93
88) Benzo(b)fluoranthene	23.98	252	729011	62.47	ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	729011	65.10	ng/ul	99
91) Benzo(a)pyrene	24.86	252	411209	37.17	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.73	276	132562	10.06	ng/ul	94
93) Dibenzo(a,h)anthracene	28.78	278	38901	3.56	ng/ul	95
94) Benzo(g,h,i)perylene	29.90	276	98084	9.08	ng/ul#	93

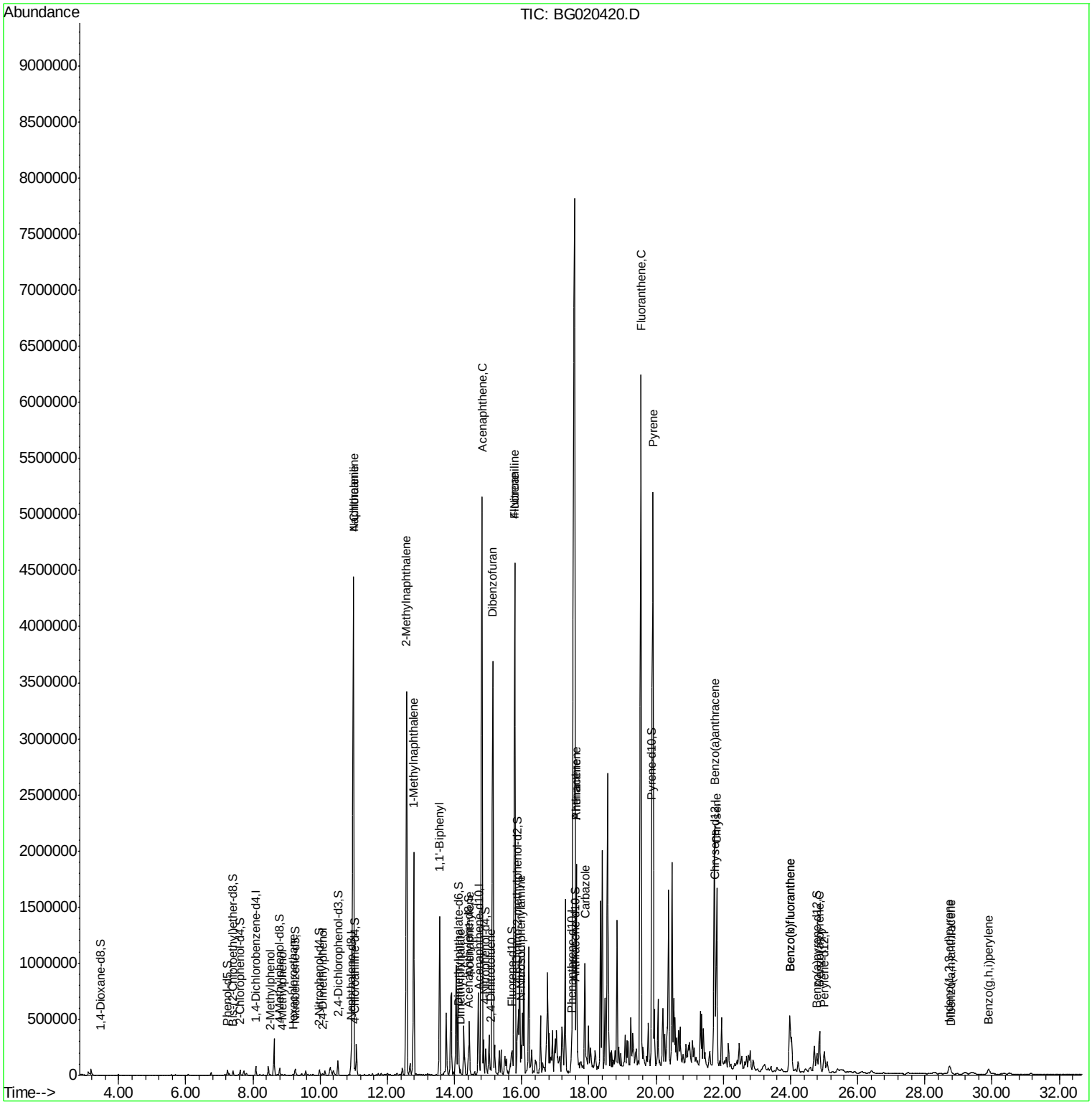
(#) = qualifier out of range (m) = manual integration (+) = signals summed

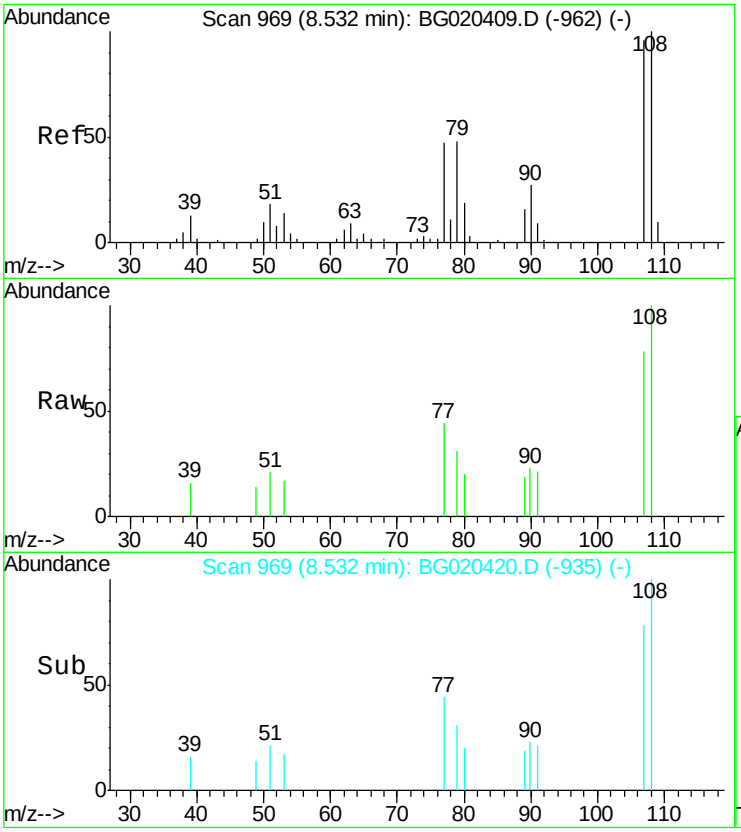
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122215\
Data File : BG020420.D
Acq On : 22 Dec 2015 22:11
Operator : UM/SJ
Sample : G4848-05
Misc : MED LEVEL RX
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Quant Time: Dec 23 04:18:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 04:11:36 2015
Response via : Initial Calibration

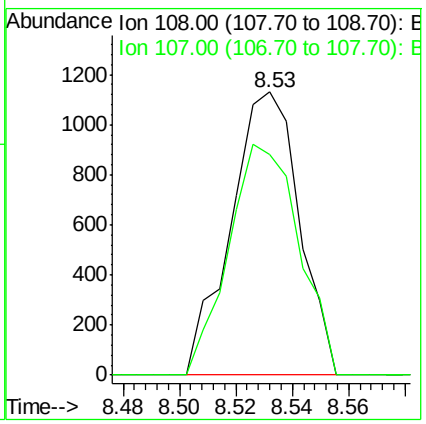




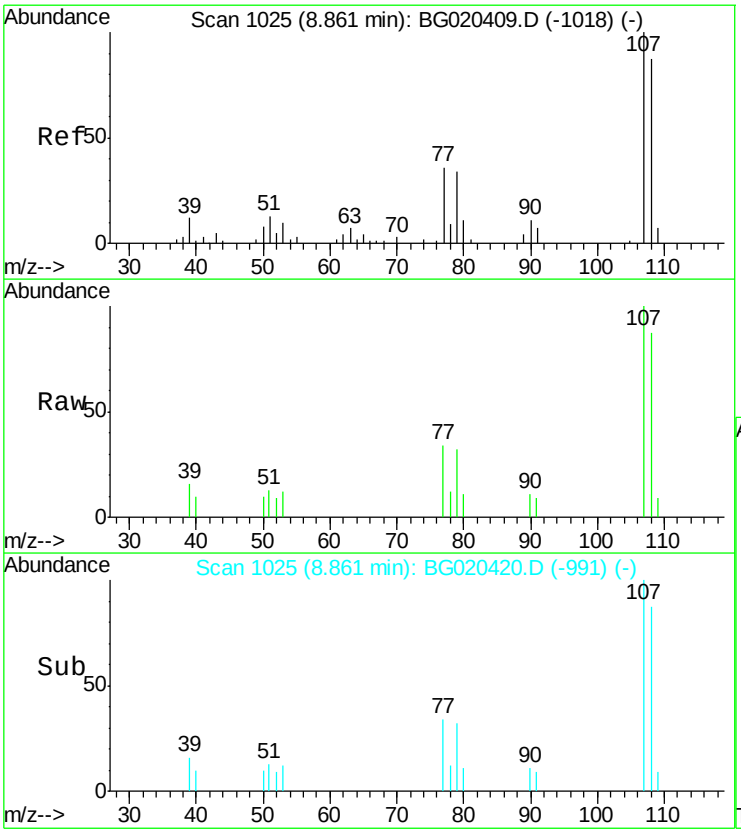
#11
2-Methylphenol
Concen: 1.07 ng/ul
RT: 8.53 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:108 Resp: 1896

Ion	Ratio	Lower	Upper
108	100		
107	78.1	67.5	101.3



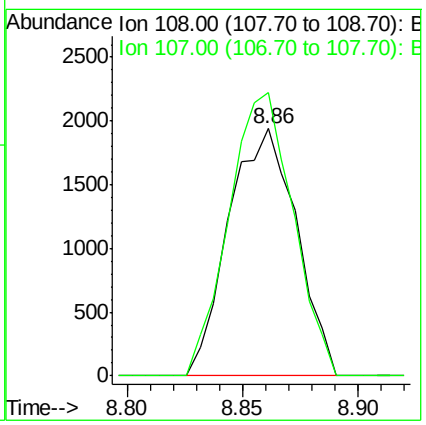
Instrument :
BNA_G
ClientSampleId :
D9N51ME

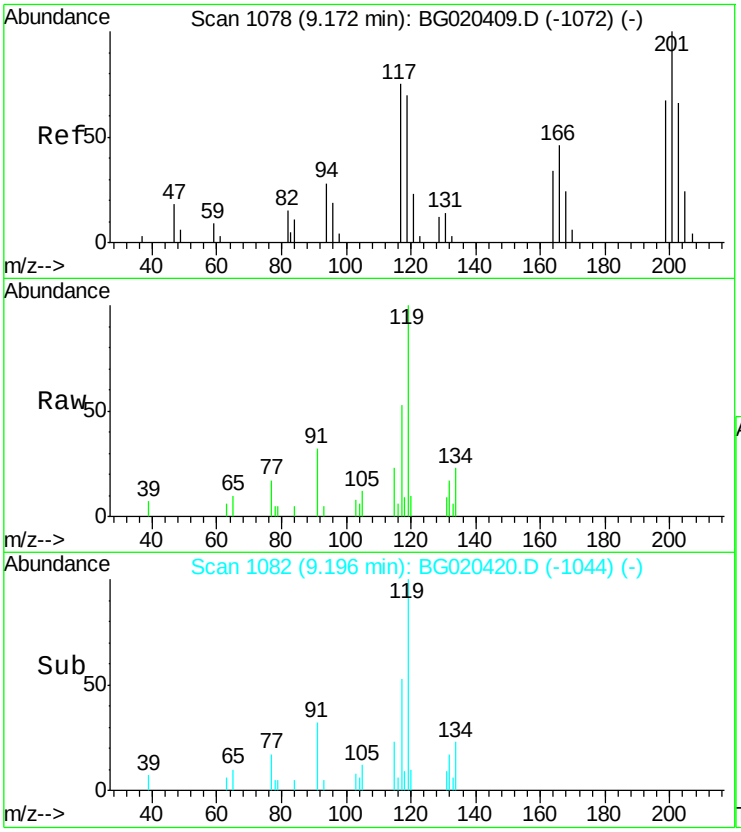


#16
4-Methylphenol
Concen: 2.01 ng/ul
RT: 8.86 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:108 Resp: 3949

Ion	Ratio	Lower	Upper
108	100		
107	114.5	88.9	133.3



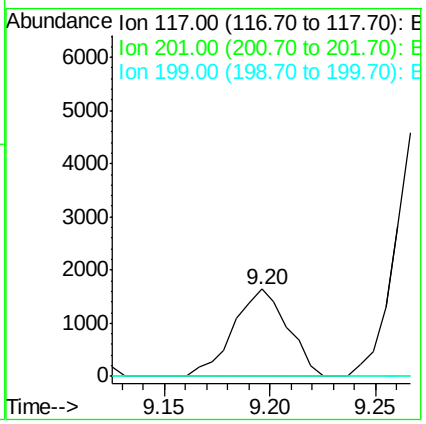


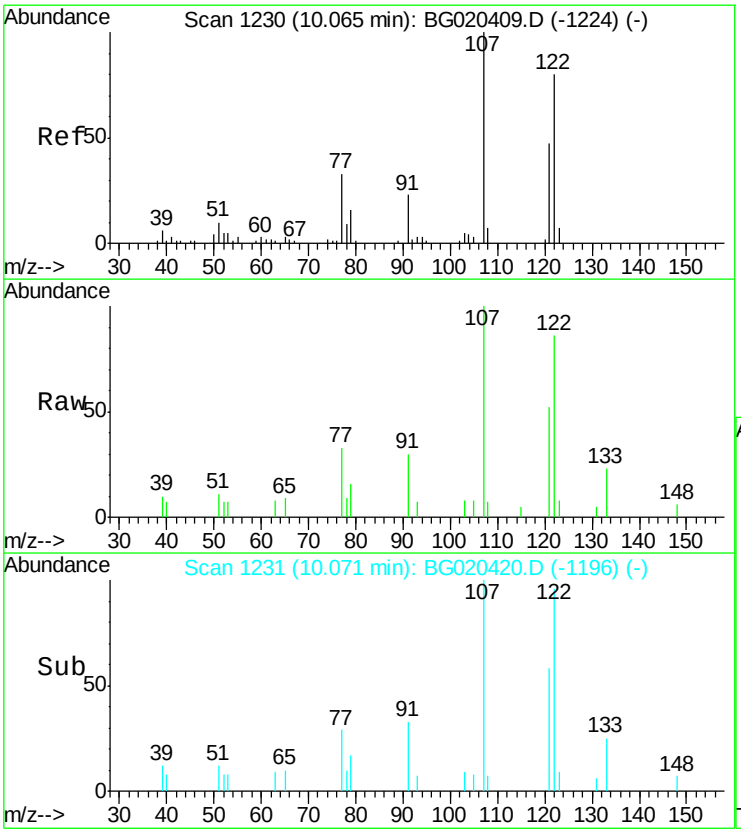
#17
Hexachloroethane
Concen: 4.18 ng/ul
RT: 9.20 min Scan# 1082
Delta R.T. 0.02 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:117 Resp: 2908

Ion	Ratio	Lower	Upper
117	100		
201	0.0	102.7	154.1#
199	0.0	65.8	98.8#

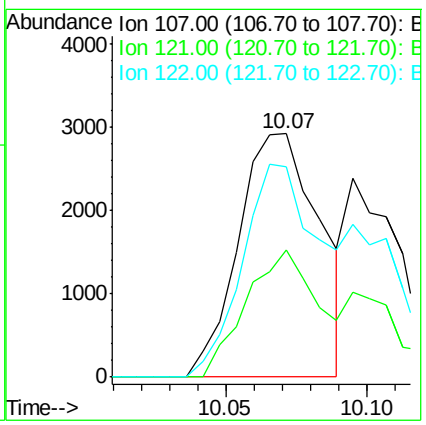


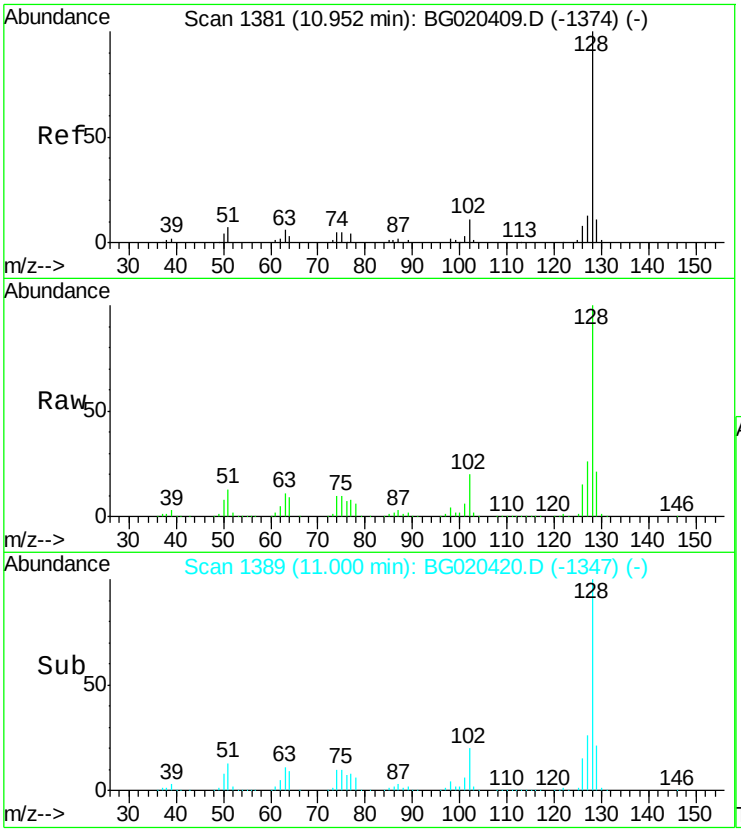


#24
2,4-Dimethylphenol
Concen: 2.53 ng/ul
RT: 10.07 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:107 Resp: 5842

Ion	Ratio	Lower	Upper
107	100		
121	52.1	39.0	58.4
122	86.3	62.1	93.1



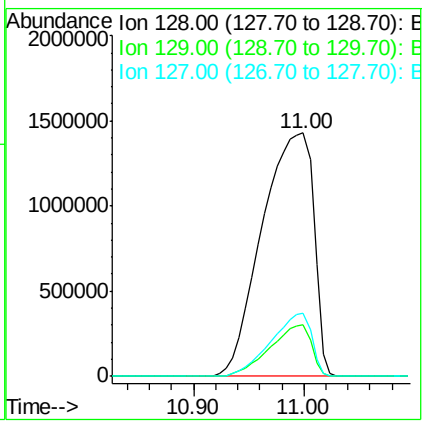


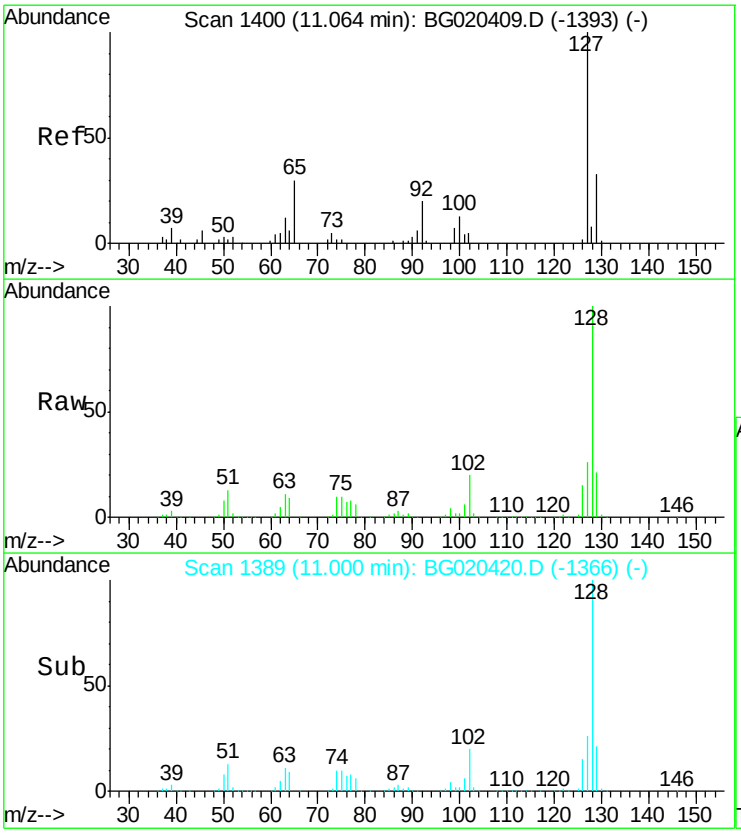
#28
Naphthalene
Concen: 807.75 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. 0.05 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:128 Resp: 4613475

Ion	Ratio	Lower	Upper
128	100		
129	21.0	8.6	12.8#
127	26.1	10.1	15.1#

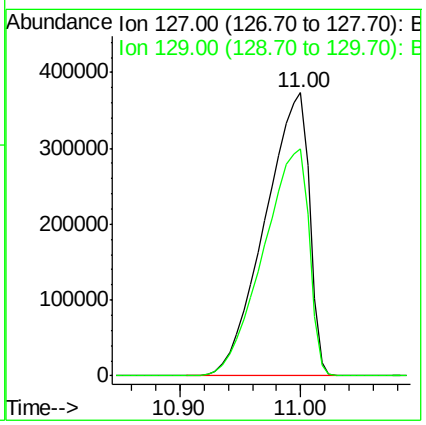


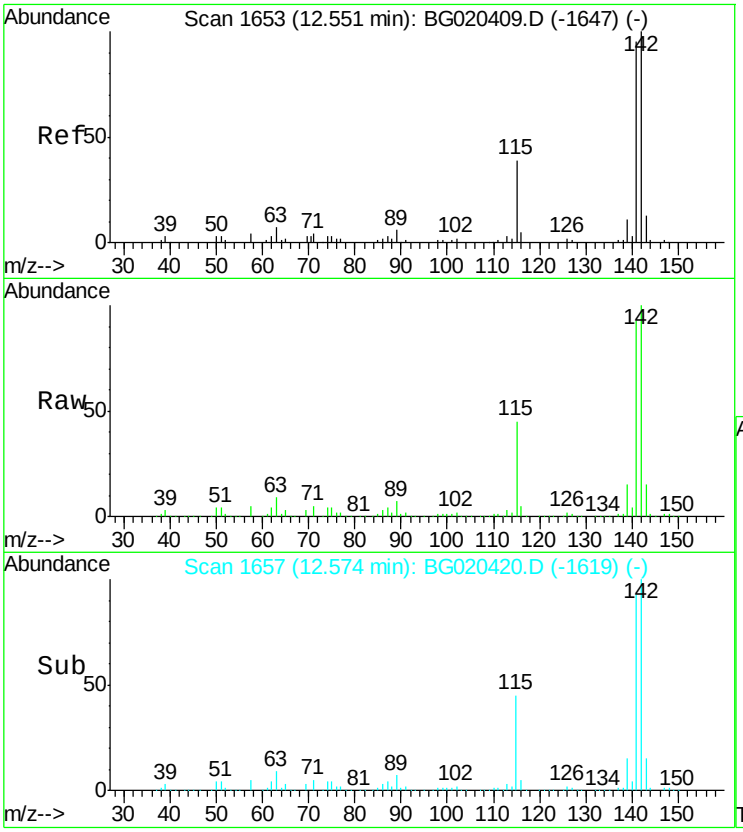


#30
4-Chloroaniline
Concen: 430.81 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. -0.06 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:127 Resp: 949292

Ion	Ratio	Lower	Upper
127	100		
129	80.3	25.7	38.5#



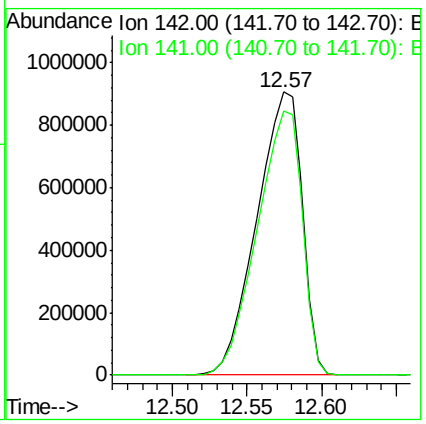


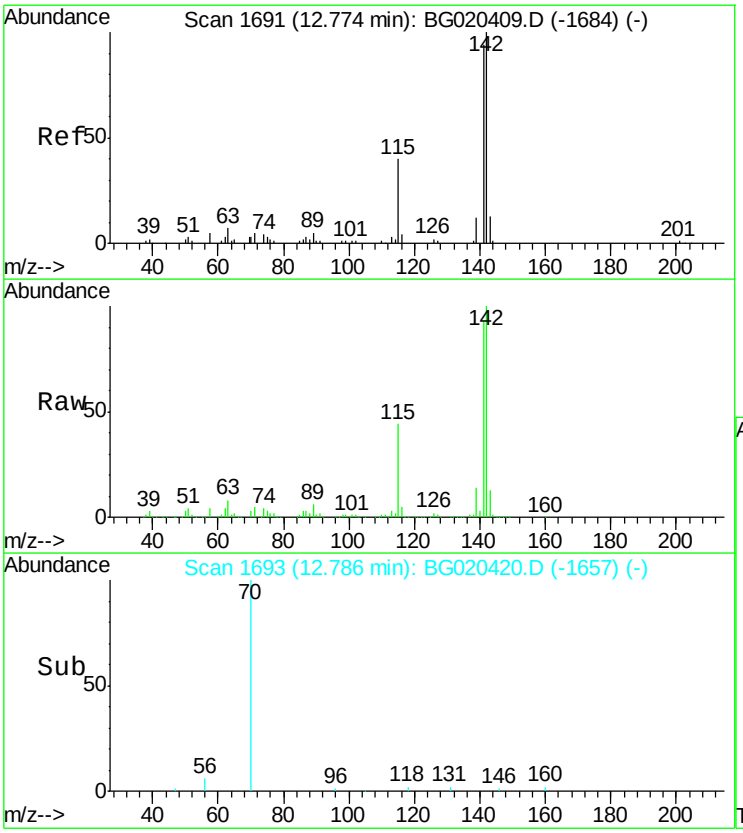
#34
2-Methylnaphthalene
Concen: 440.73 ng/ul
RT: 12.57 min Scan# 1657
Delta R.T. 0.02 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:142 Resp: 1922768

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.9	112.3

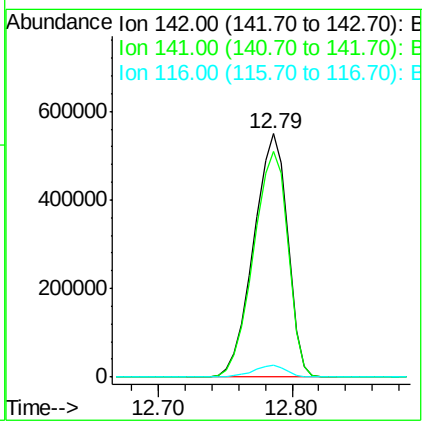


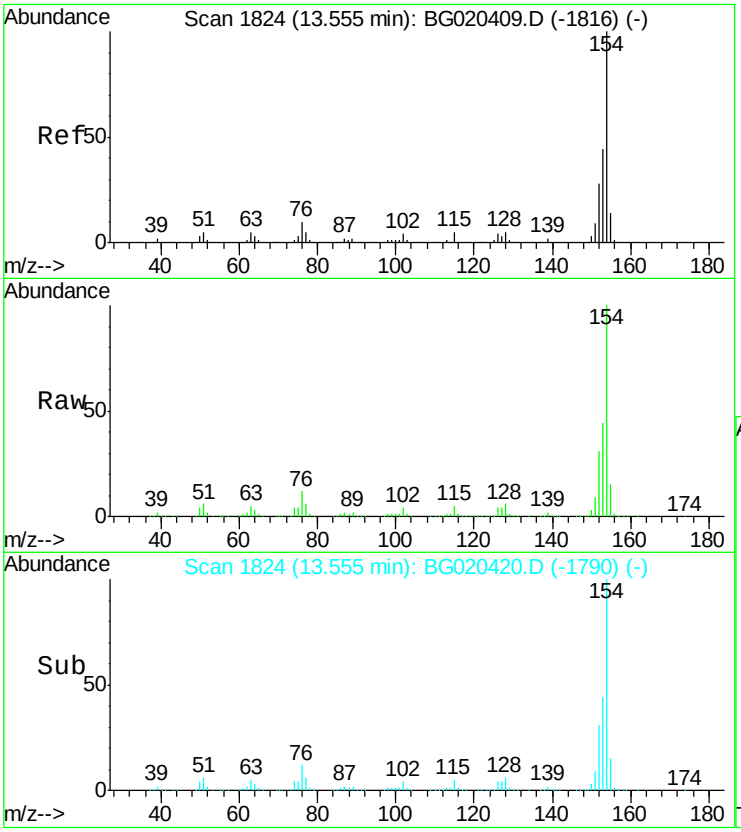


#35
1-Methylnaphthalene
Concen: 230.56 ng/ul
RT: 12.79 min Scan# 1693
Delta R.T. 0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:142 Resp: 966998

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.0	109.6
116	4.7	3.0	4.6#



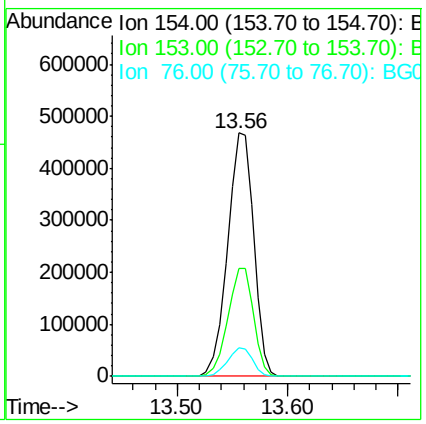


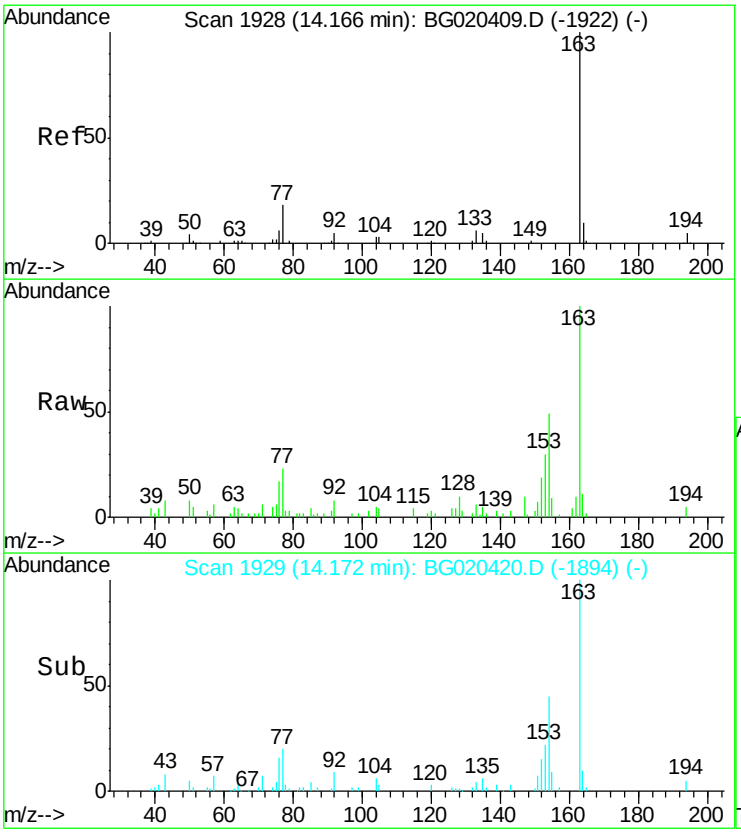
#41
1,1'-Biphenyl
Concen: 131.26 ng/ul
RT: 13.56 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:154 Resp: 776761

Ion	Ratio	Lower	Upper
154	100		
153	44.1	35.5	53.3
76	11.8	10.4	15.6

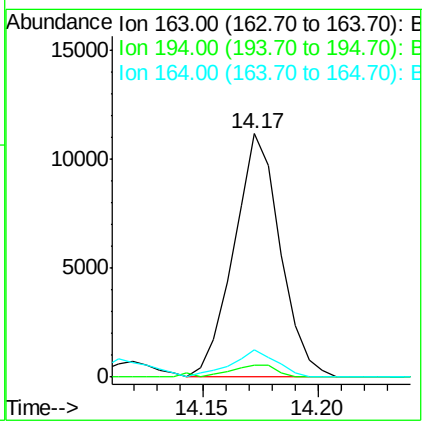


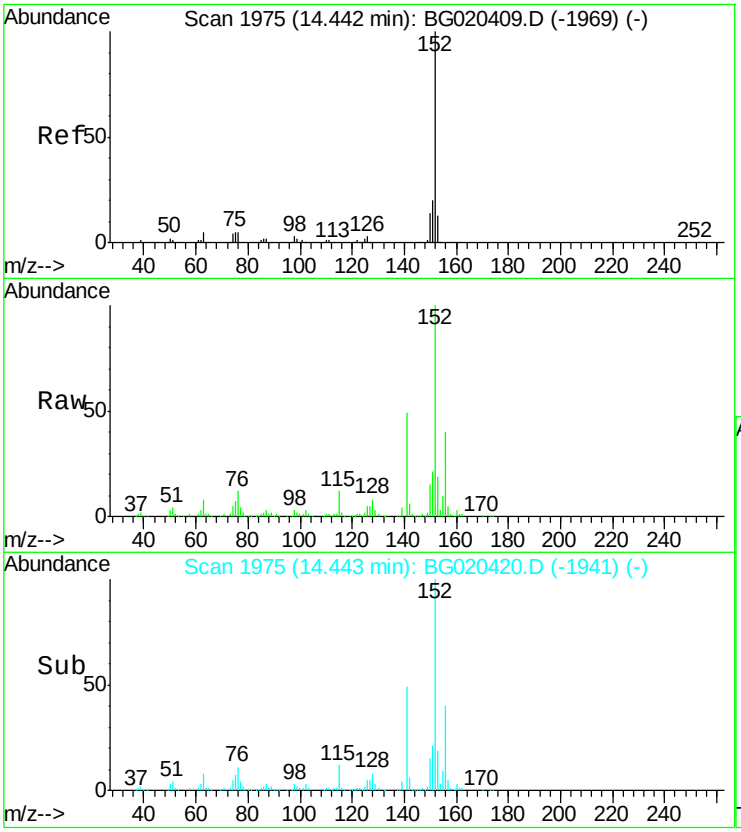


#45
Dimethylphthalate
Concen: 2.41 ng/ul
RT: 14.17 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:163 Resp: 15640

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.4	7.7	11.5



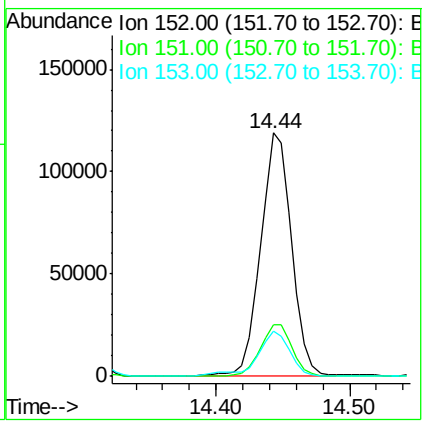


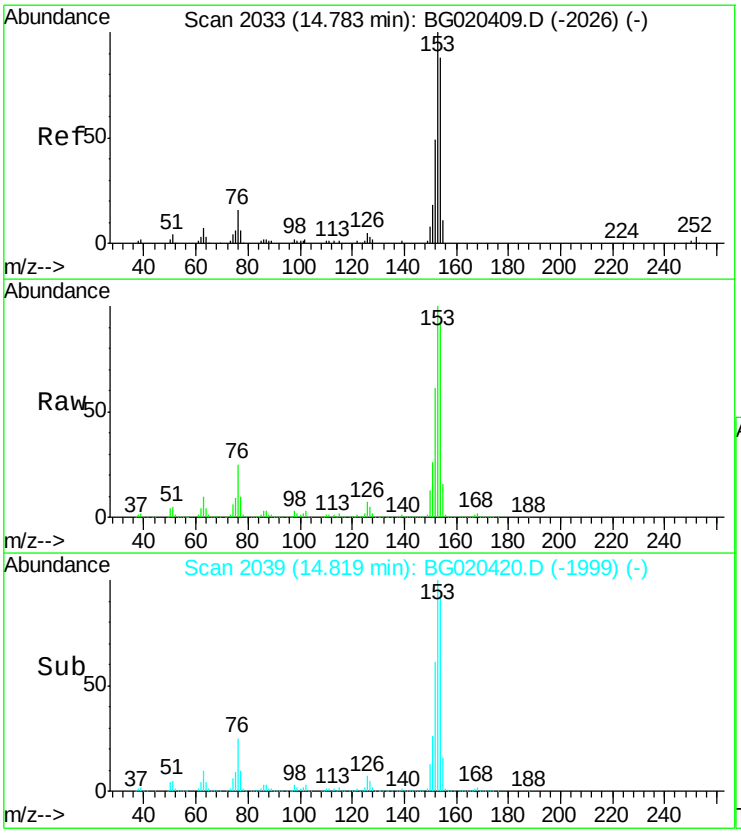
#48
Acenaphthylene
Concen: 24.45 ng/ul
RT: 14.44 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:152 Resp: 191751

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.4	24.6
153	18.7	10.4	15.6#

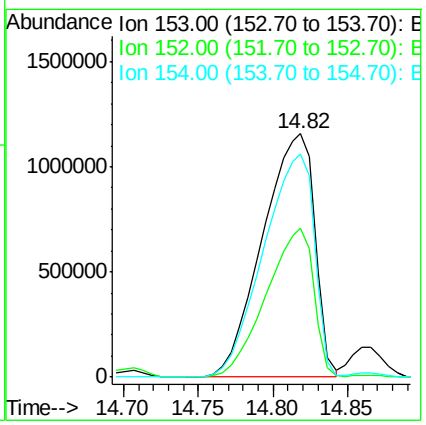


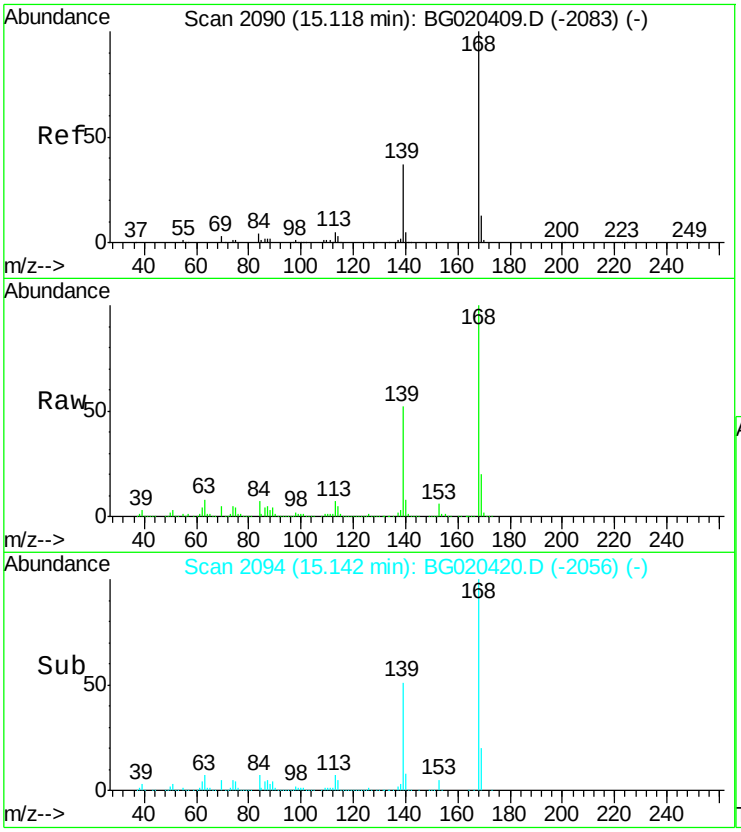


#50
Acenaphthene
Concen: 532.39 ng/ul
RT: 14.82 min Scan# 2039
Delta R.T. 0.04 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:153 Resp: 2809273

Ion	Ratio	Lower	Upper
153	100		
152	61.4	37.6	56.4#
154	91.9	67.9	101.9



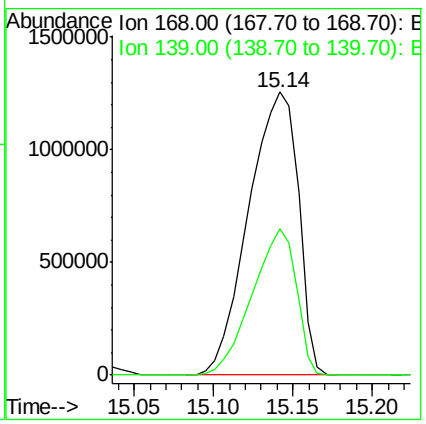


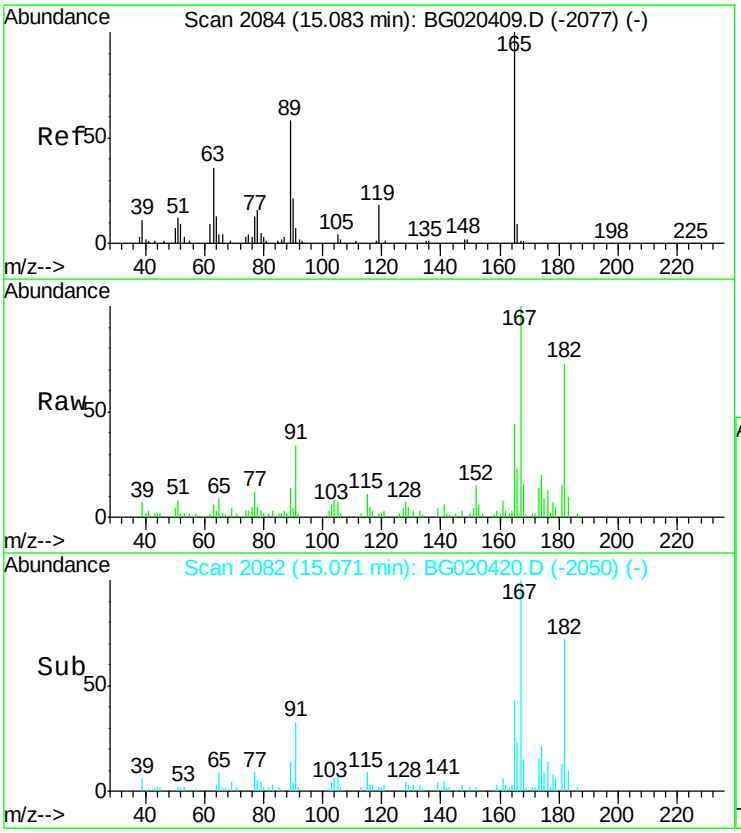
#54
Dibenzofuran
Concen: 347.73 ng/ul
RT: 15.14 min Scan# 2094
Delta R.T. 0.02 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:168 Resp: 2729538

Ion	Ratio	Lower	Upper
168	100		
139	51.6	30.5	45.7#

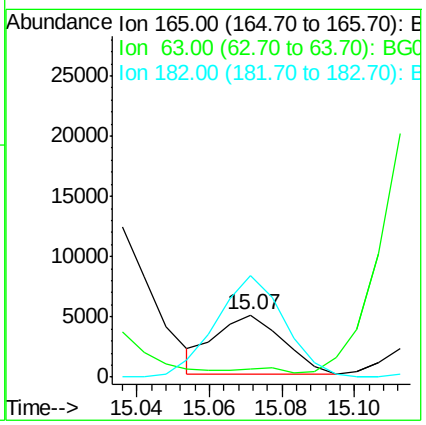


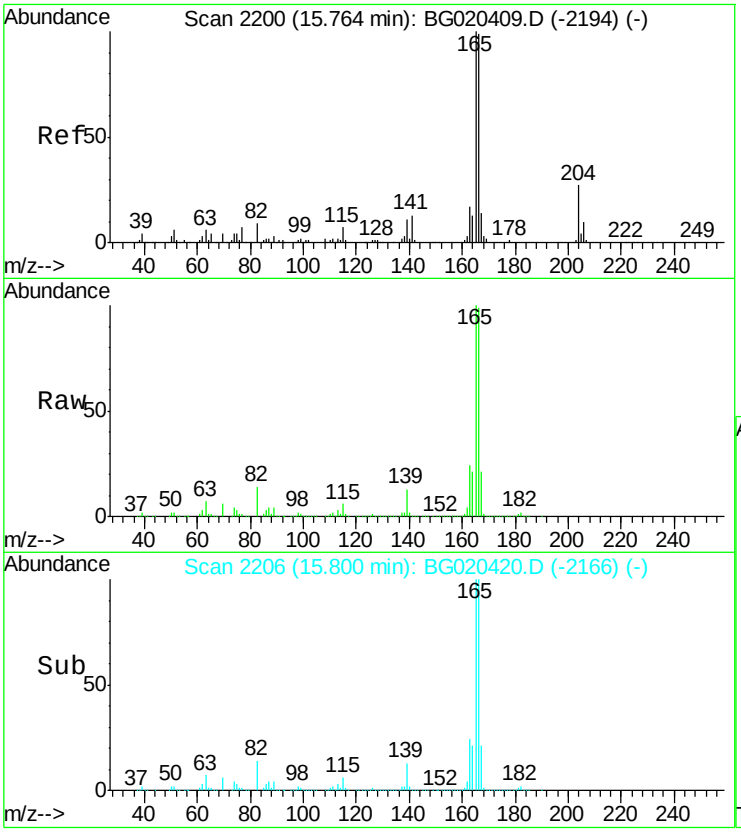


#55
2,4-Dinitrotoluene
Concen: 3.18 ng/ul
RT: 15.07 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:165 Resp: 6266

Ion	Ratio	Lower	Upper
165	100		
63	12.9	35.8	53.8#
182	163.5	2.2	3.2#



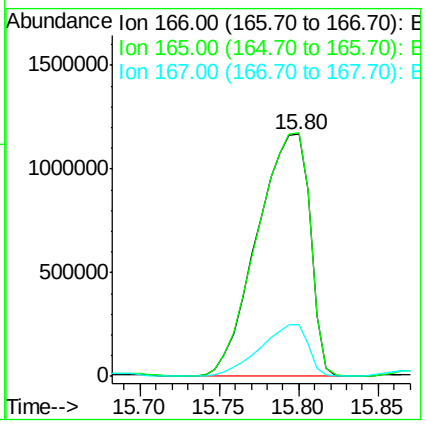


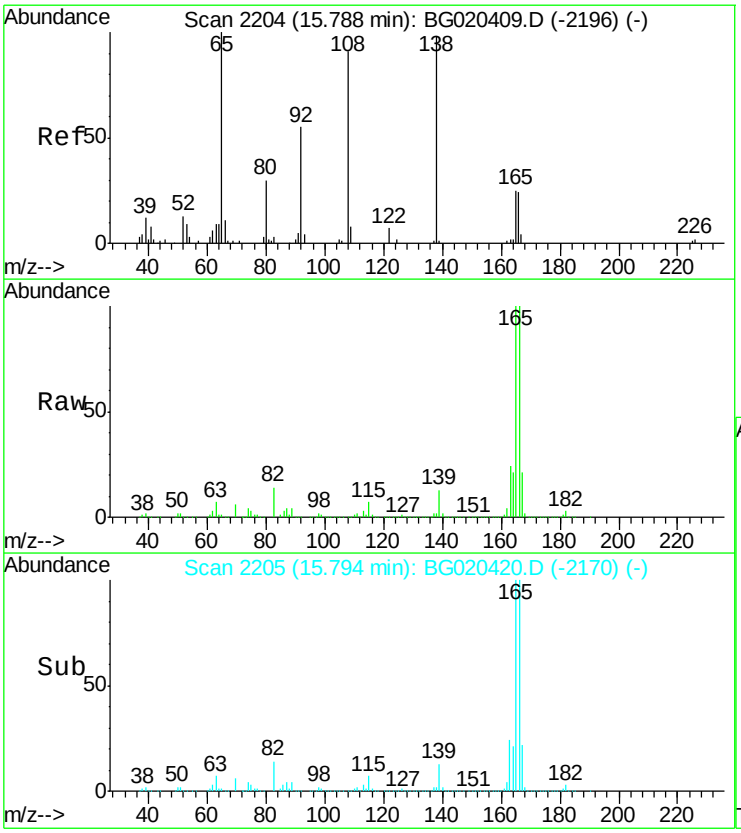
#59
Fluorene
Concen: 428.72 ng/ul
RT: 15.80 min Scan# 2206
Delta R.T. 0.04 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:166 Resp: 2702425

Ion	Ratio	Lower	Upper
166	100		
165	100.5	81.4	122.0
167	21.2	11.2	16.8#

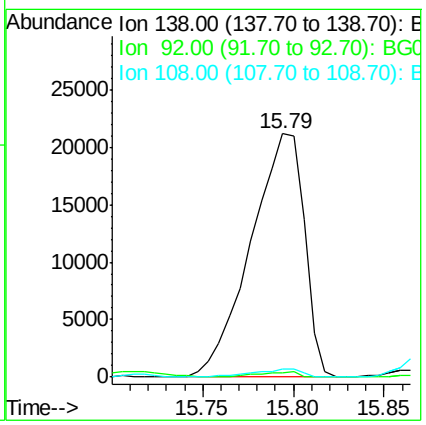


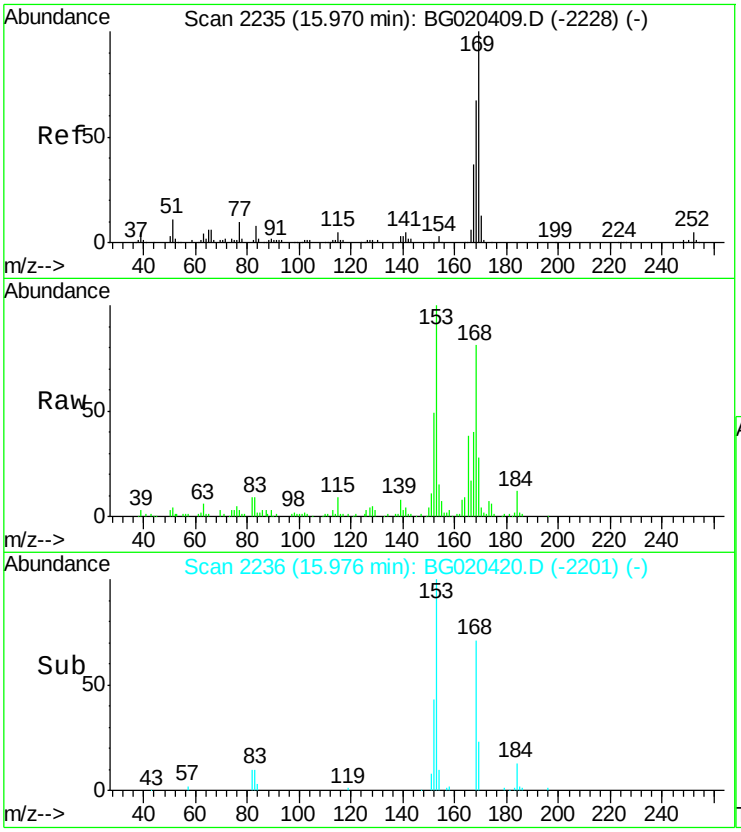


#61
4-Nitroaniline
Concen: 30.96 ng/ul
RT: 15.79 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:138 Resp: 43553

Ion	Ratio	Lower	Upper
138	100		
92	1.6	45.2	67.8#
108	3.3	75.4	113.0#



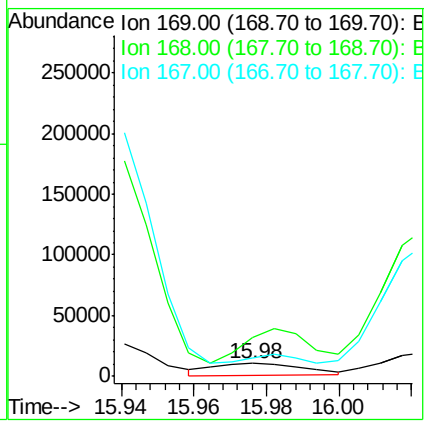


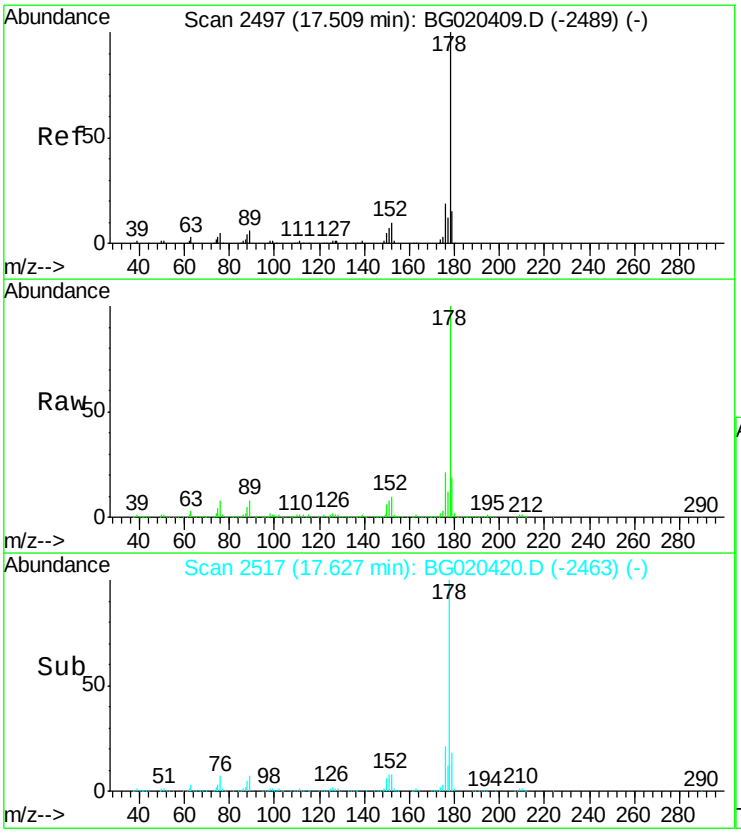
#65
N-Nitrosodiphenylamine
Concen: 3.85 ng/ul
RT: 15.98 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:169 Resp: 16878

Ion	Ratio	Lower	Upper
169	100		
168	291.7	54.3	81.5#
167	144.5	31.8	47.8#

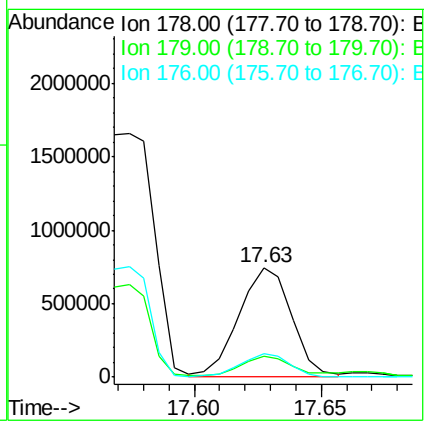


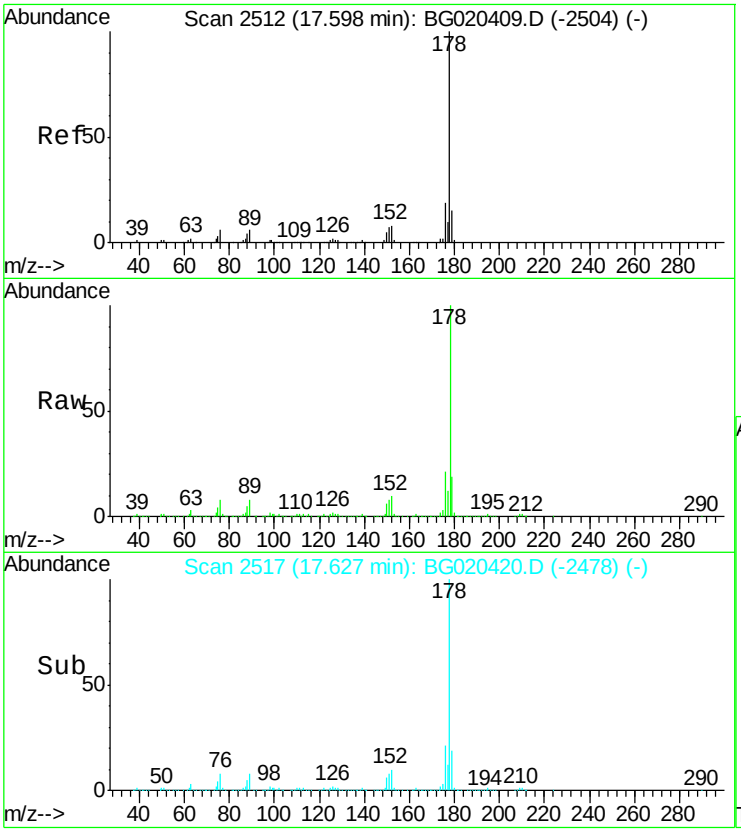


#70
Phenanthrene
Concen: 123.27 ng/ul
RT: 17.63 min Scan# 2517
Delta R.T. 0.12 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:178 Resp: 1062450

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.9	19.3
176	21.4	15.3	22.9



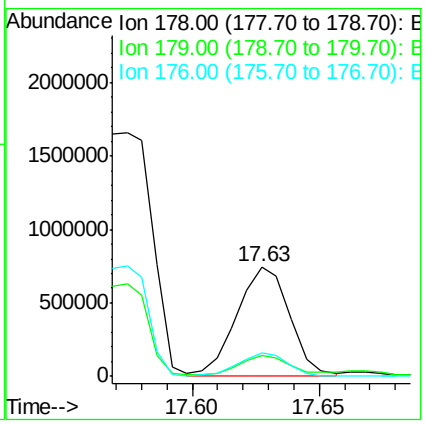


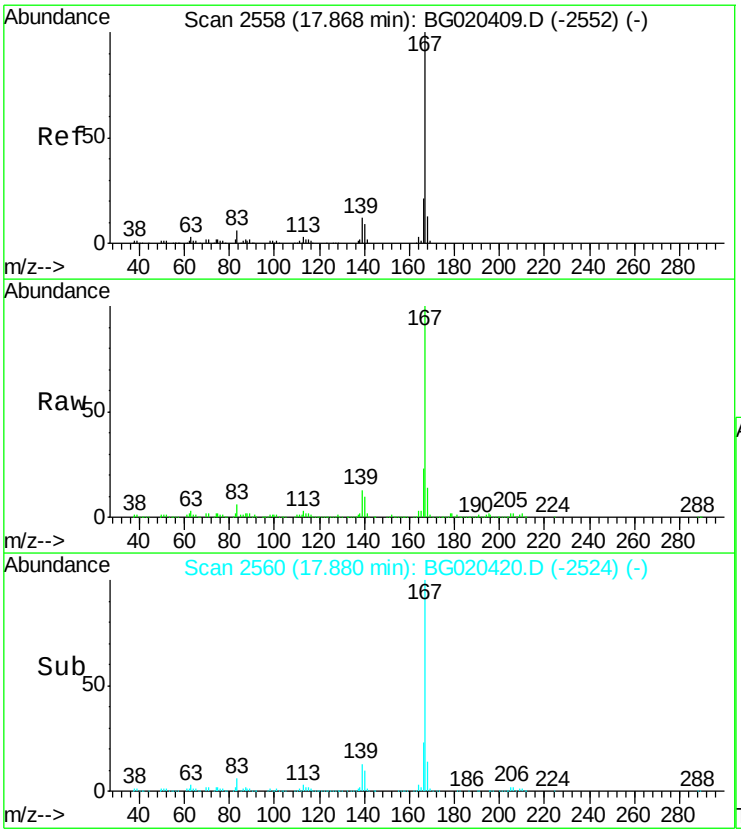
#72
Anthracene
Concen: 122.04 ng/ul
RT: 17.63 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:178 Resp: 1066824

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.3	18.5#
176	21.4	14.3	21.5

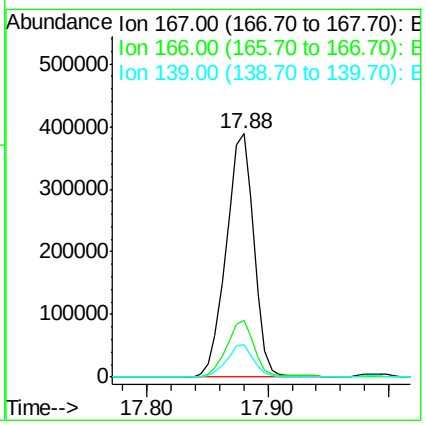


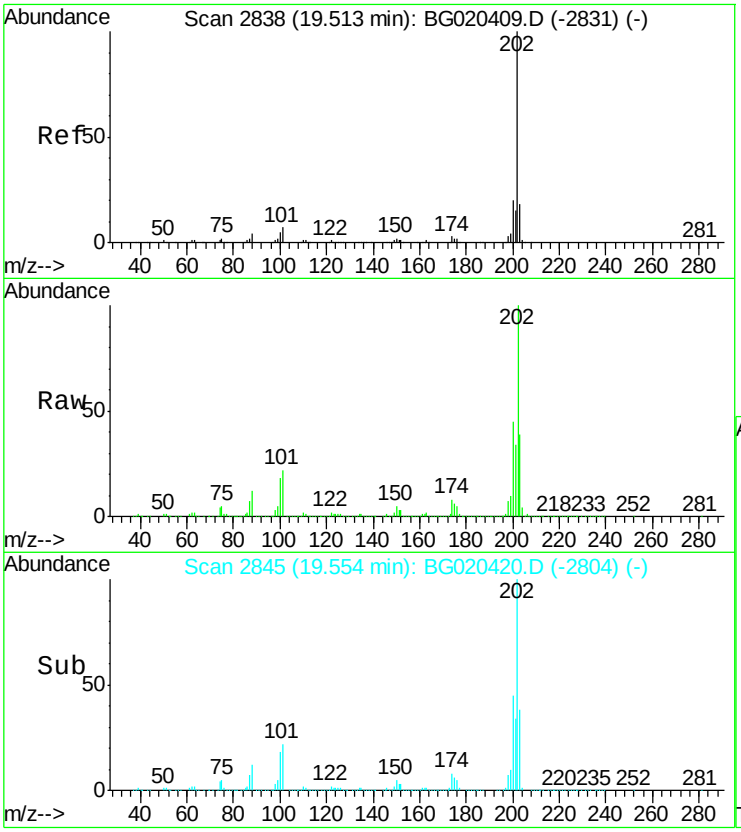


#75
Carbazole
Concen: 84.15 ng/ul
RT: 17.88 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:167 Resp: 618117

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.0	25.6
139	13.1	10.1	15.1



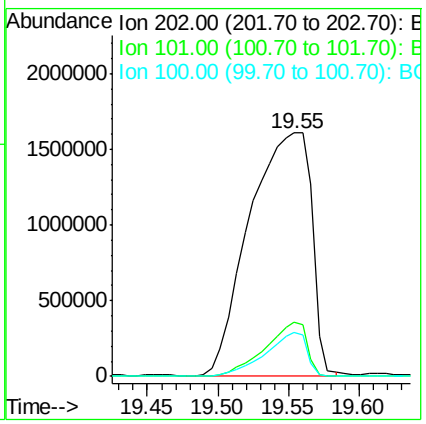


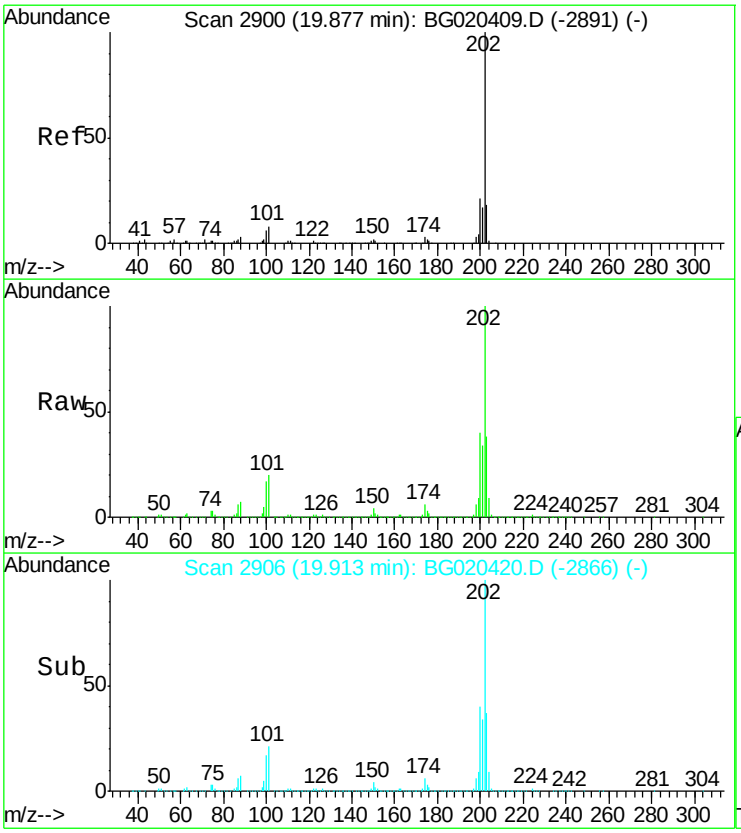
#77
Fluoranthene
Concen: 490.04 ng/ul
RT: 19.55 min Scan# 2845
Delta R.T. 0.04 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:202 Resp: 4936220

Ion	Ratio	Lower	Upper
202	100		
101	22.5	6.2	9.4#
100	18.1	5.1	7.7#

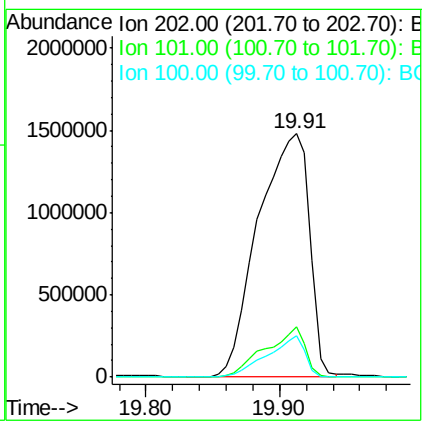


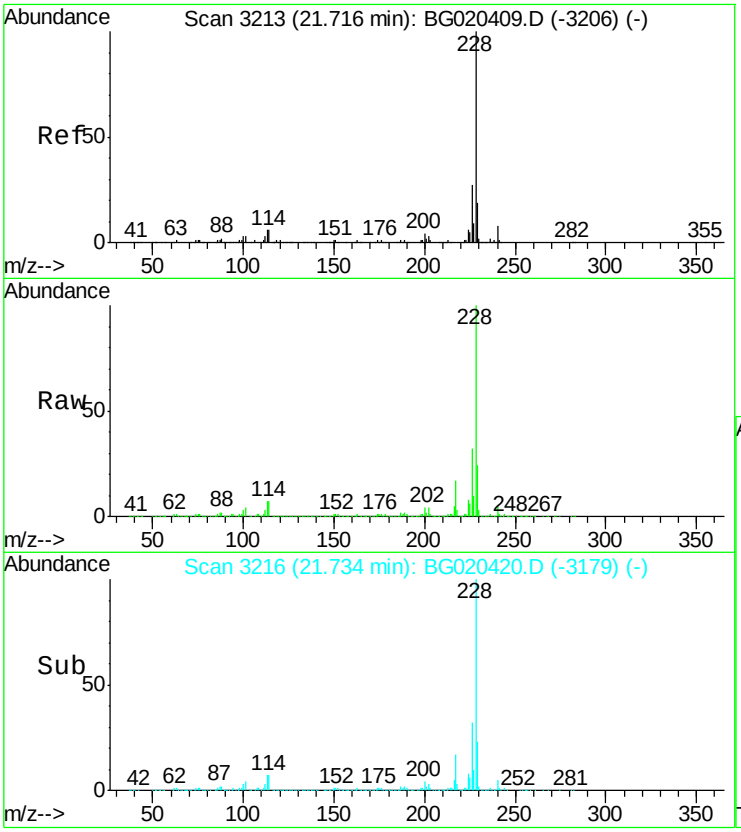


#80
Pyrene
Concen: 330.32 ng/ul
RT: 19.91 min Scan# 2906
Delta R.T. 0.04 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:202 Resp: 3914075

Ion	Ratio	Lower	Upper
202	100		
101	20.4	7.0	10.4#
100	17.0	6.4	9.6#



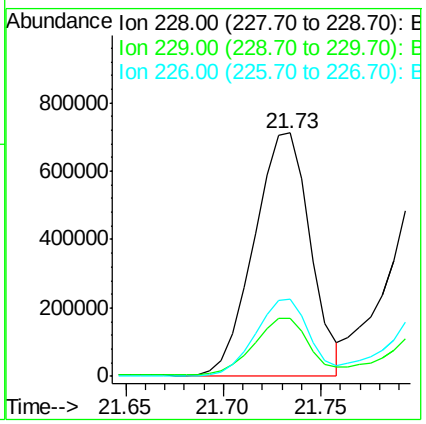


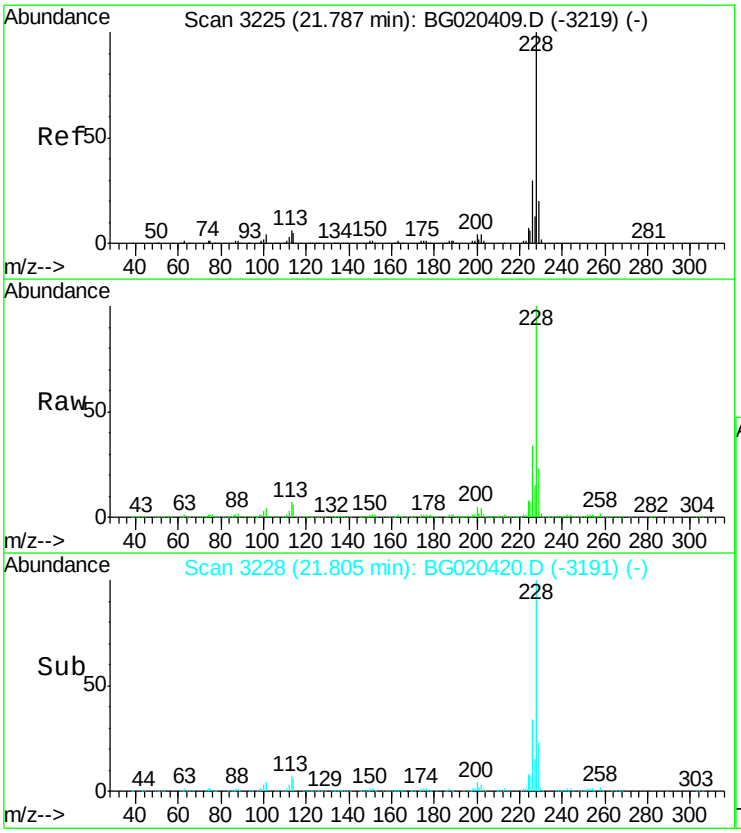
#83
Benzo(a)anthracene
Concen: 124.18 ng/ul
RT: 21.73 min Scan# 3216
Delta R.T. 0.02 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:228 Resp: 1418611

Ion	Ratio	Lower	Upper
228	100		
229	23.6	15.8	23.8
226	31.6	21.8	32.6

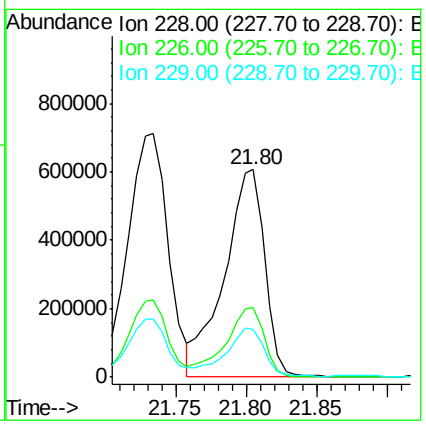


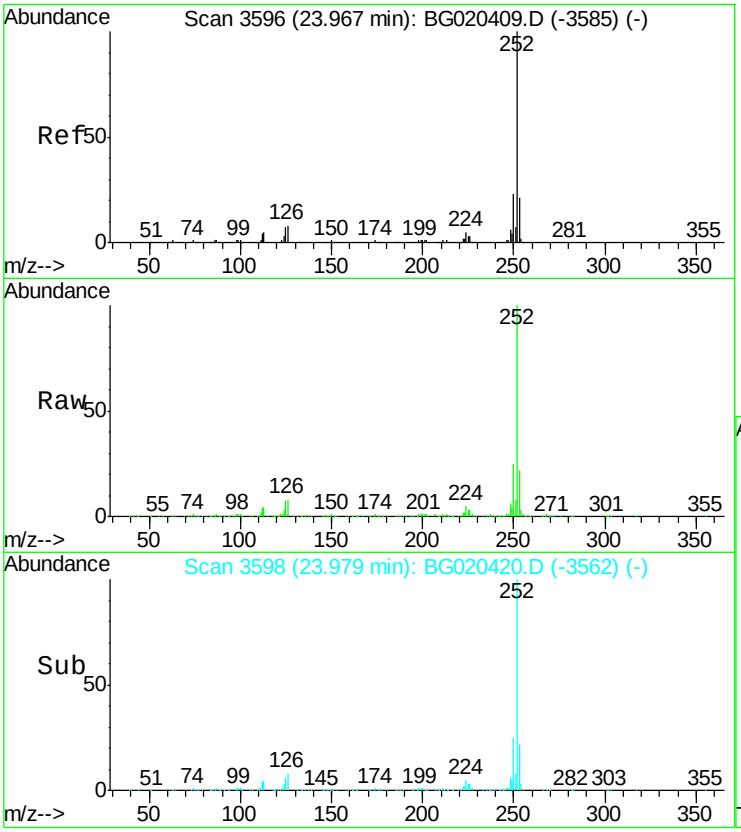


#85
Chrysene
Concen: 111.33 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. 0.02 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:228 Resp: 1197723

Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.9	35.9
229	22.9	15.6	23.4



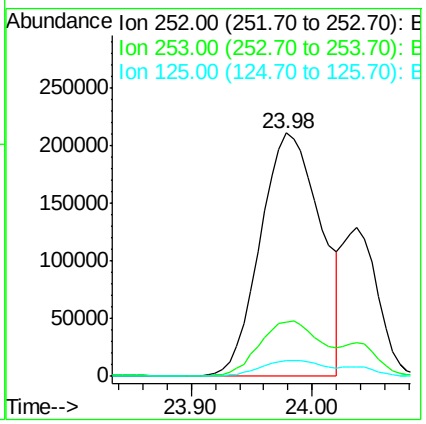


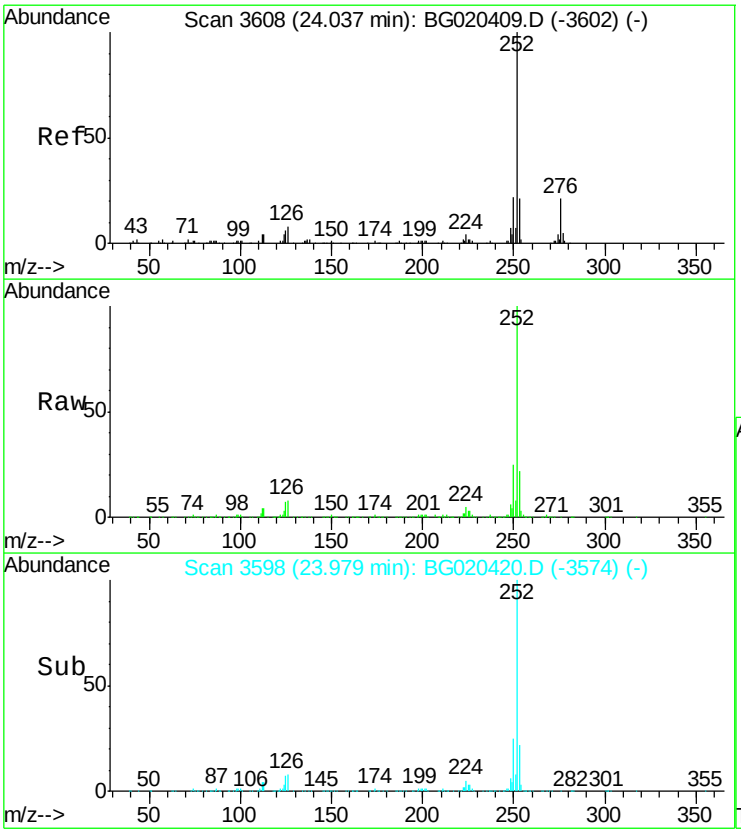
#88
Benzo(b)fluoranthene
Concen: 62.47 ng/ul
RT: 23.98 min Scan# 3598
Delta R.T. 0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:252 Resp: 729011

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.7	25.1
125	6.6	6.2	9.2

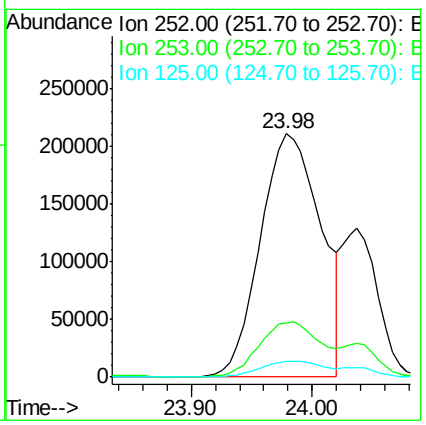


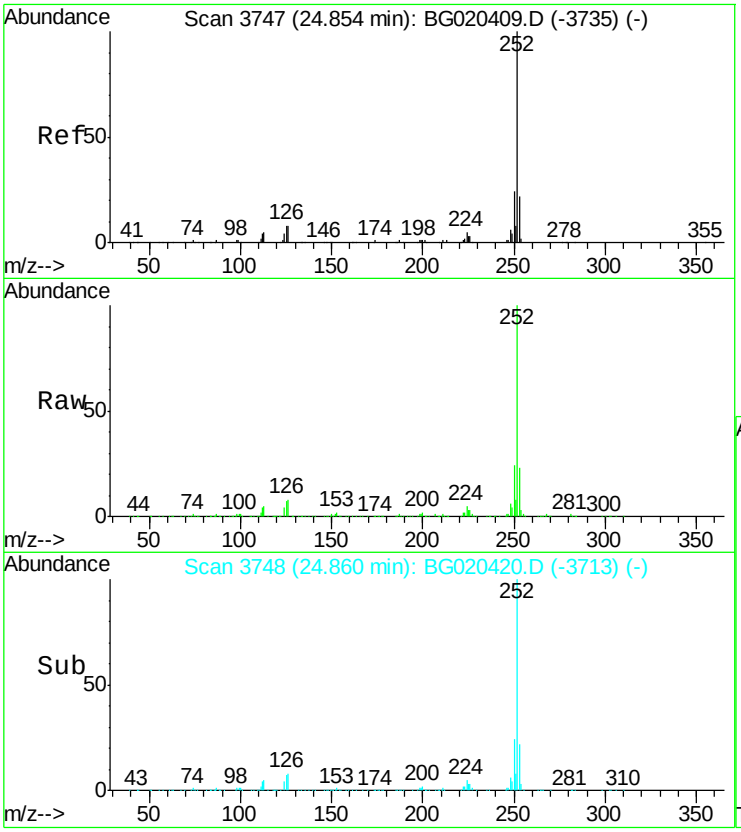


#89
Benzo(k)fluoranthene
Concen: 65.10 ng/ul
RT: 23.98 min Scan# 3598
Delta R.T. -0.06 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:252 Resp: 729011

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	6.6	5.8	8.6



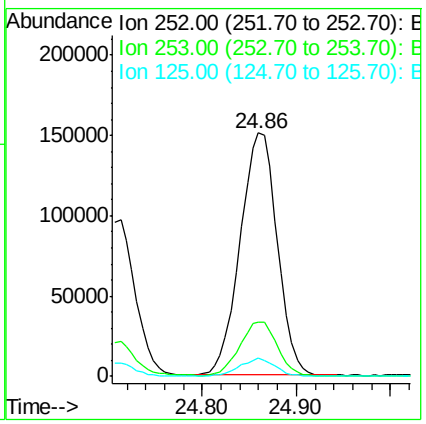


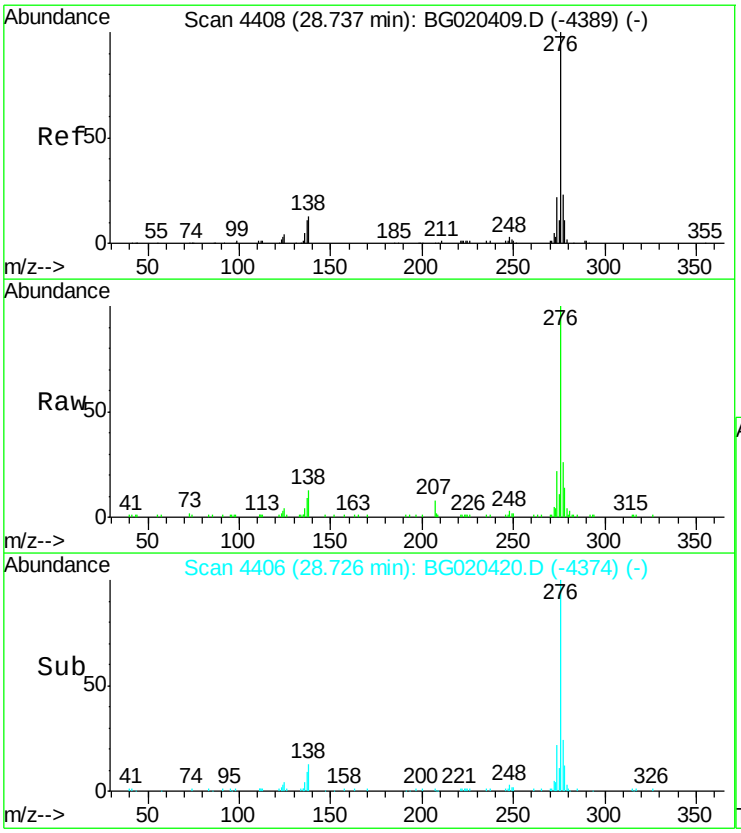
#91
Benzo(a)pyrene
Concen: 37.17 ng/ul
RT: 24.86 min Scan# 3748
Delta R.T. 0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:252 Resp: 411209

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	7.3	6.2	9.4

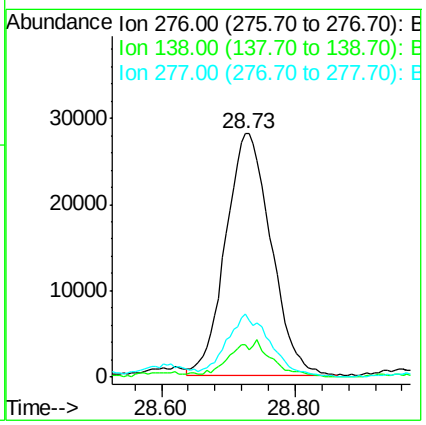


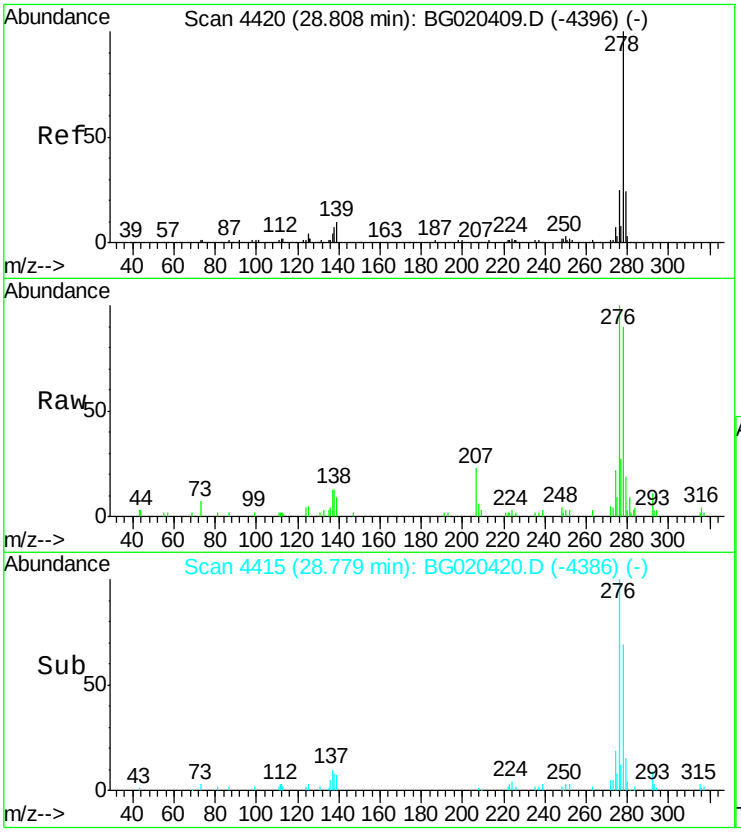


#92
Indeno(1,2,3-cd)pyrene
Concen: 10.06 ng/ul
RT: 28.73 min Scan# 4406
Delta R.T. -0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:276 Resp: 132562

Ion	Ratio	Lower	Upper
276	100		
138	13.2	11.4	17.0
277	25.8	17.4	26.0



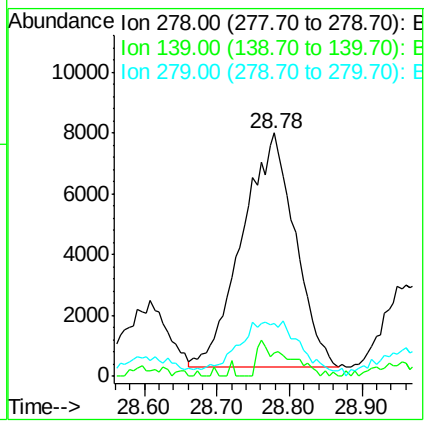


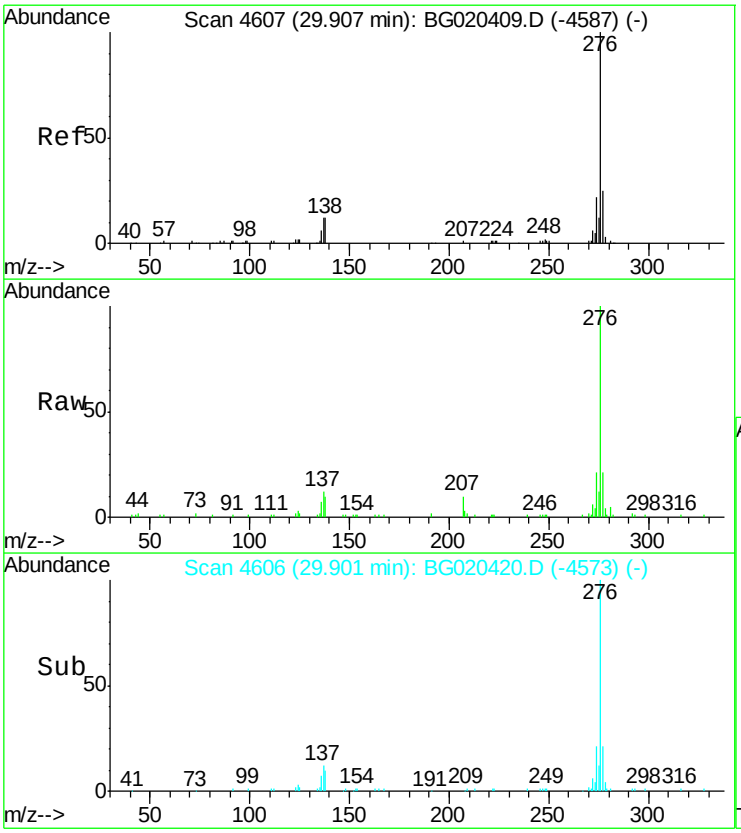
#93
Dibenzo(a,h)anthracene
Concen: 3.56 ng/ul
RT: 28.78 min Scan# 4415
Delta R.T. -0.03 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Instrument :
BNA_G
ClientSampleId :
D9N51ME

Tgt Ion:278 Resp: 38901

Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.4	14.2
279	21.7	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 9.08 ng/ul
RT: 29.90 min Scan# 4606
Delta R.T. -0.01 min
Lab File: BG020420.D
Acq: 22 Dec 2015 22:11

Tgt Ion:276 Resp: 98084

Ion	Ratio	Lower	Upper
276	100		
138	10.2	10.8	16.2#
277	21.5	19.9	29.9