Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020511.D
Acq On : 25 Dec 2015 19:46
Operator : UM/SJ
Sample : G4847-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N66

Quant Time: Dec 26 02:22:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 26 02:12:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18233	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	78856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	57058	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	150071	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	190130	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	179788	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	448	1.36	ng/uL	0.00
5) Phenol-d5	7.24	99	9581	6.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	26672	30.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	27439	24.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	19556	15.89	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	18242	29.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	21455	30.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	37654	27.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	59	0.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	151306	32.17	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	171586	31.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	2753	3.51	ng/ul	0.00
58) Fluorene-d10	15.70	176	136935	32.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	25115	25.25	ng/ul	0.00
71) Anthracene-d10	17.55	188	228045	32.44	ng/ul	0.00
79) Pyrene-d10	19.83	212	276190	33.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	299401	32.94	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.95	128	667323	159.19	ng/ul	97
30) 4-Chloroaniline	10.95	127	92745	59.20	ng/ul#	10
34) 2-Methylnaphthalene	12.54	142	80699	26.02	ng/ul	98
35) 1-Methylnaphthalene	12.76	142	53374	18.11	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	31174	7.08	ng/ul#	92
45) Dimethylphthalate	14.16	163	8902	1.86	ng/ul#	98
48) Acenaphthylene	14.43	152	17887	3.12	ng/ul	98
50) Acenaphthene	14.77	153	148675	38.40	ng/ul	96
54) Dibenzofuran	15.11	168	99483	17.27	ng/ul	98
59) Fluorene	15.75	166	91268	19.55	ng/ul	96
61) 4-Nitroaniline	15.75	138	1184	1.17	ng/ul#	10
70) Phenanthrene	17.49	178	185274	22.19	ng/ul	99
72) Anthracene	17.49	178	185274	21.70	ng/ul	98
75) Carbazole	17.86	167	82229	11.43	ng/ul	98
77) Fluoranthene	19.50	202	23574	2.24	ng/ul	98
80) Pyrene	19.86	202	14418	1.34	ng/ul	98

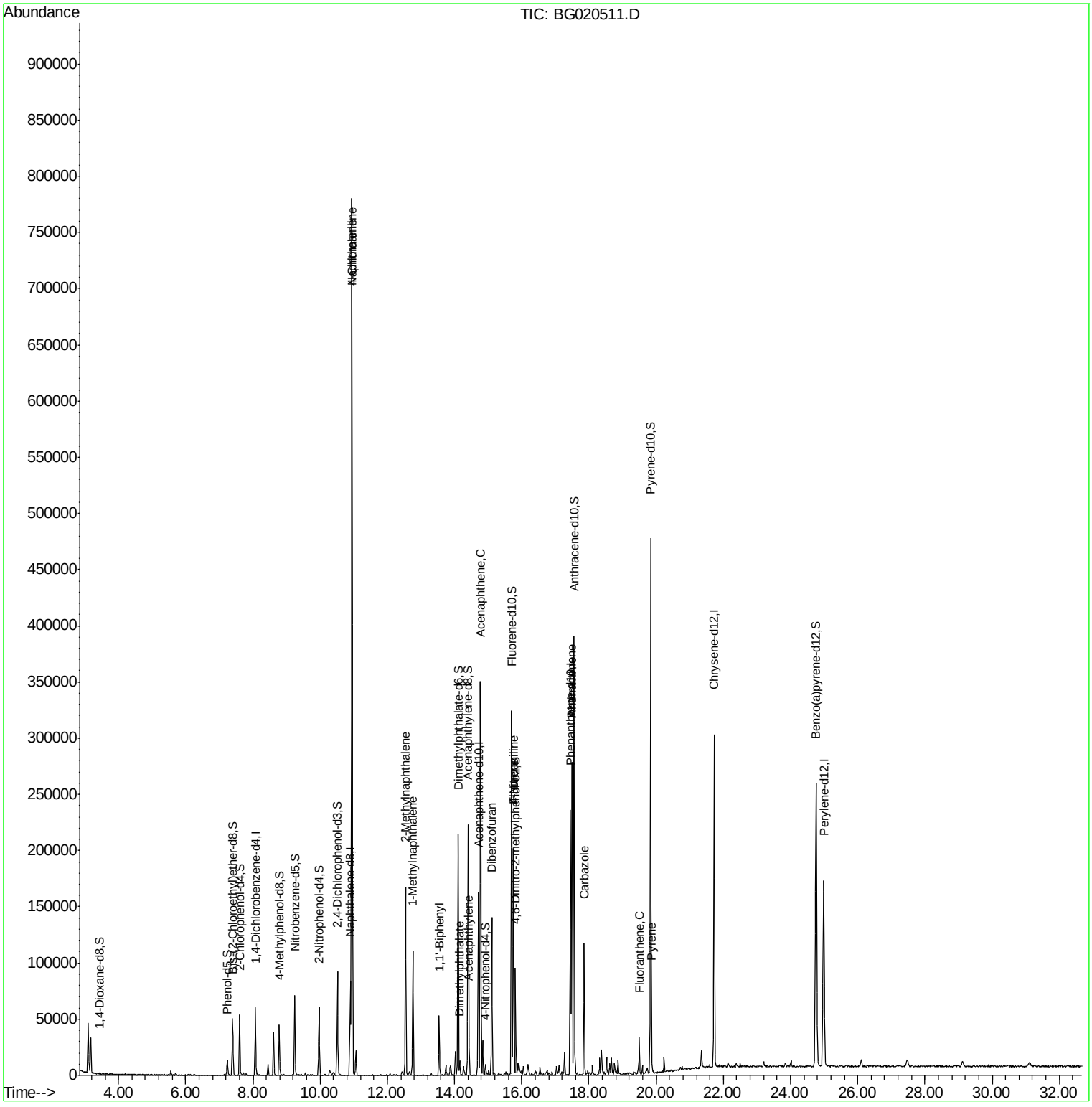
(#) = qualifier out of range (m) = manual integration (+) = signals summed

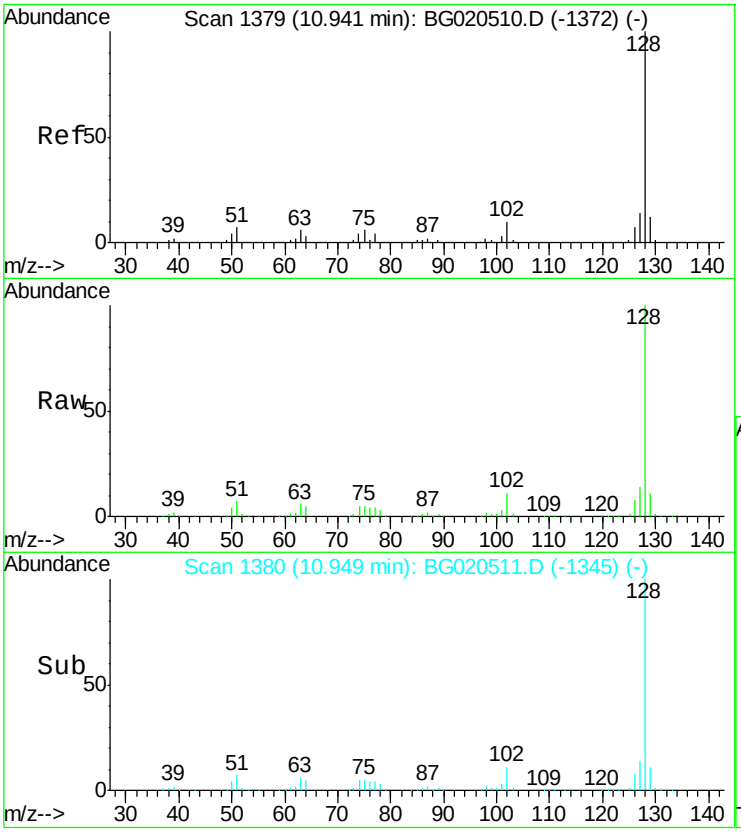
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020511.D
Acq On : 25 Dec 2015 19:46
Operator : UM/SJ
Sample : G4847-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N66

Quant Time: Dec 26 02:22:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 26 02:12:58 2015
Response via : Initial Calibration



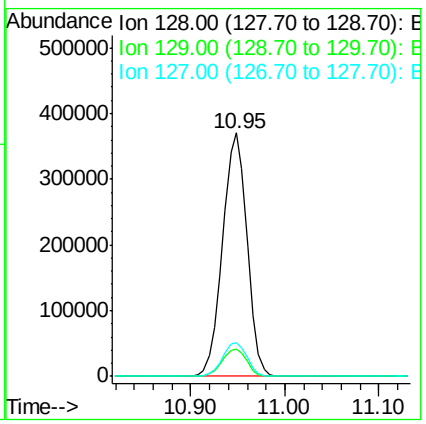


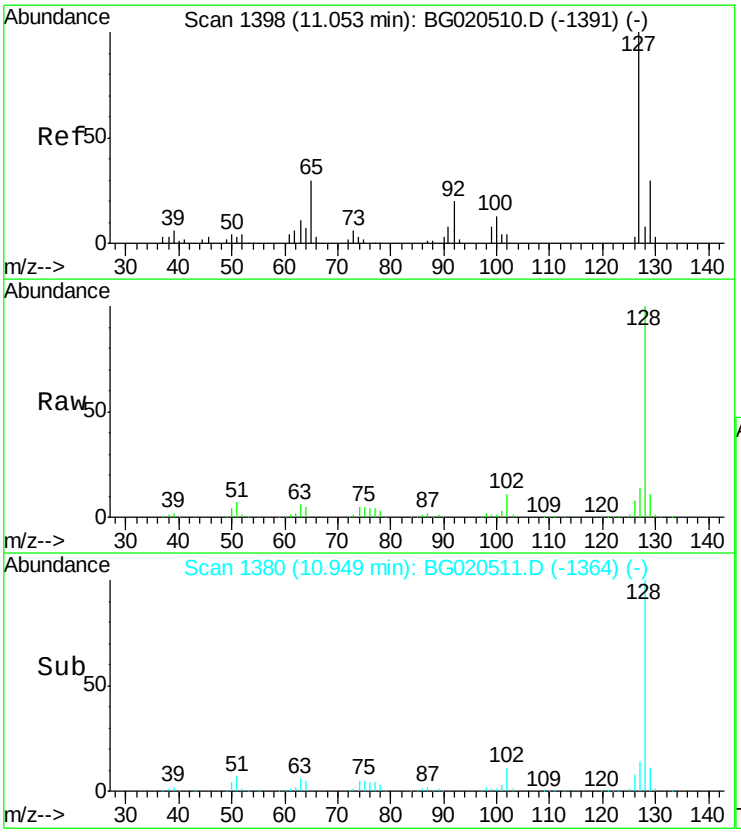
#28
Naphthalene
Concen: 159.19 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N66

Tgt Ion:128 Resp: 667323

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.9	10.1	15.1

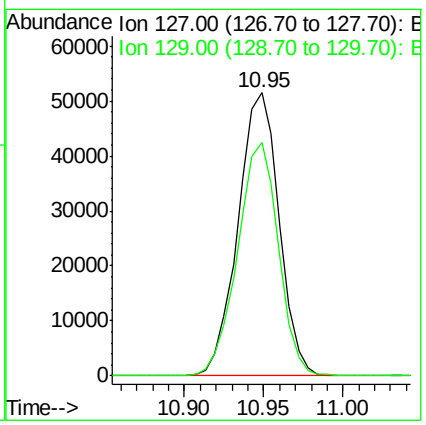


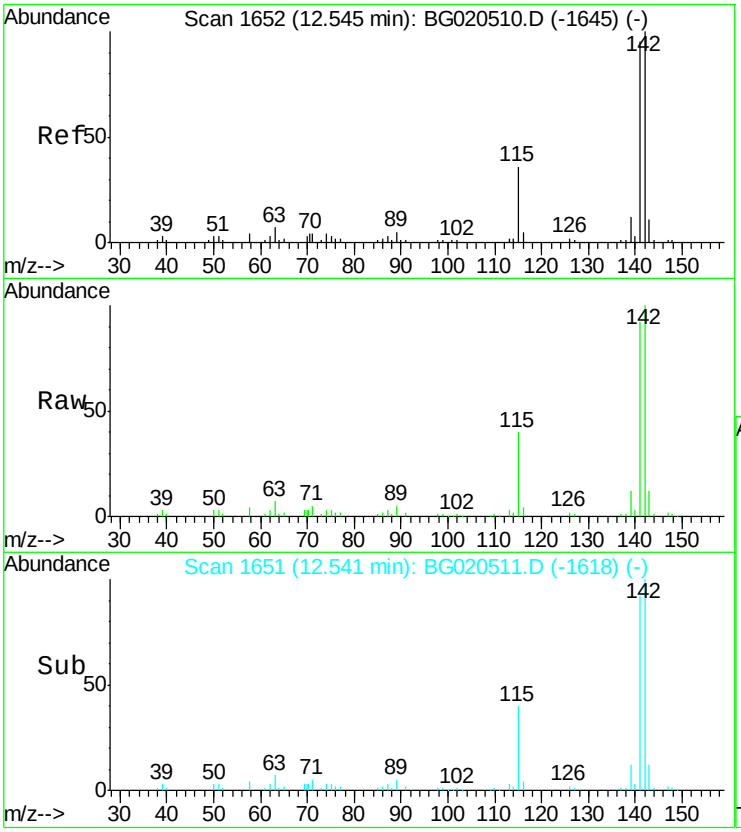


#30
4-Chloroaniline
Concen: 59.20 ng/ul
RT: 10.95 min Scan# 1380
Delta R.T. -0.10 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Tgt Ion:127 Resp: 92745

Ion	Ratio	Lower	Upper
127	100		
129	82.5	25.7	38.5#



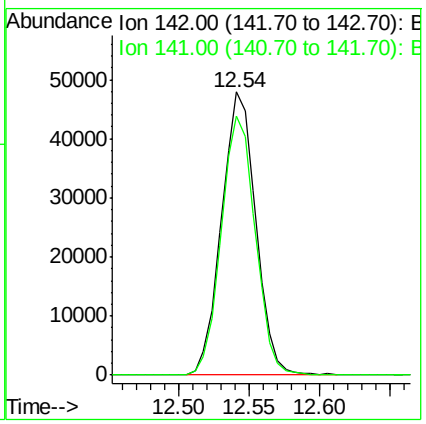


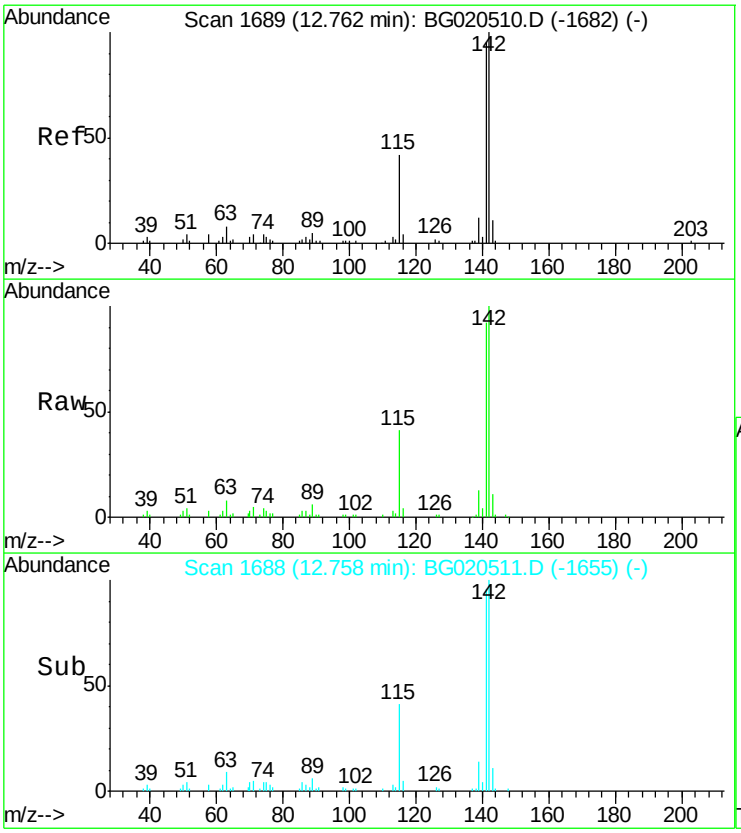
#34
2-Methylnaphthalene
Concen: 26.02 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N66

Tgt Ion:142 Resp: 80699

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.9	112.3

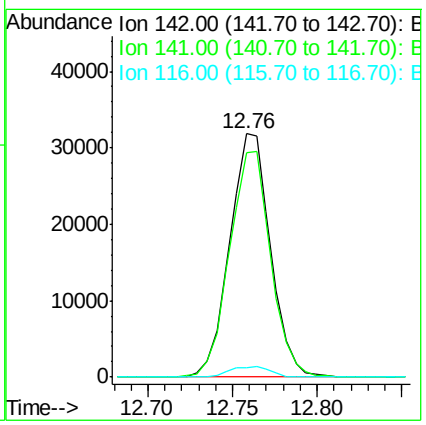


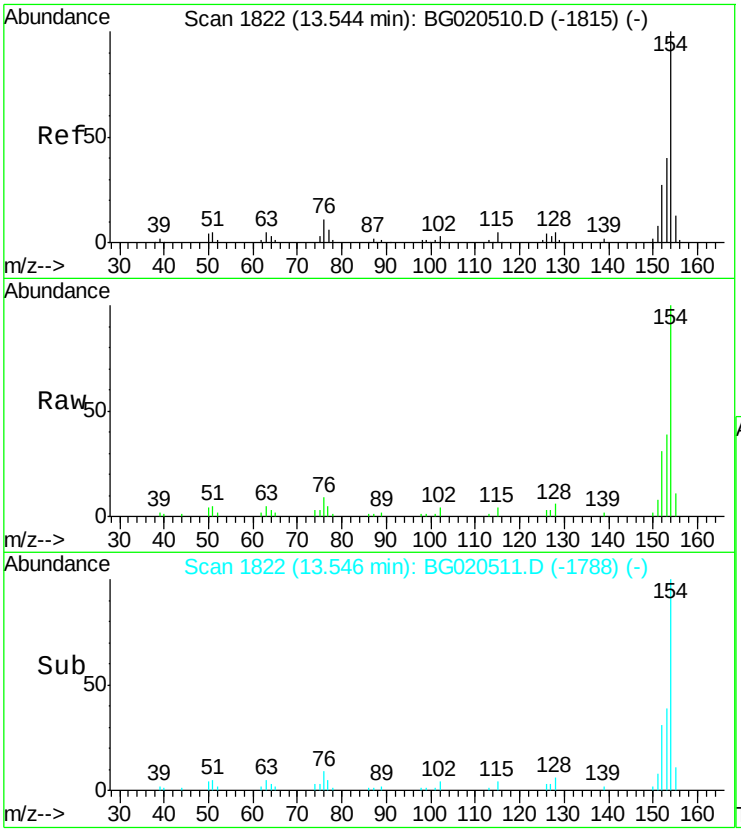


#35
1-Methylnaphthalene
Concen: 18.11 ng/ul
RT: 12.76 min Scan# 1688
Delta R.T. -0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Tgt Ion:142 Resp: 53374

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.6
116	4.1	3.0	4.6



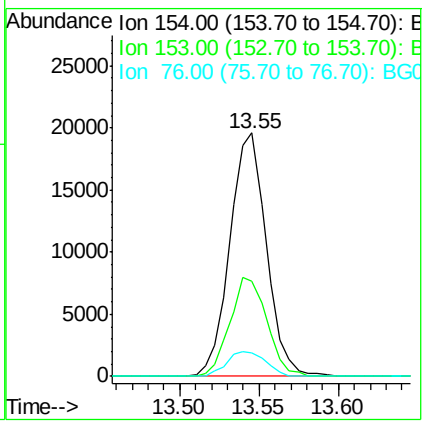


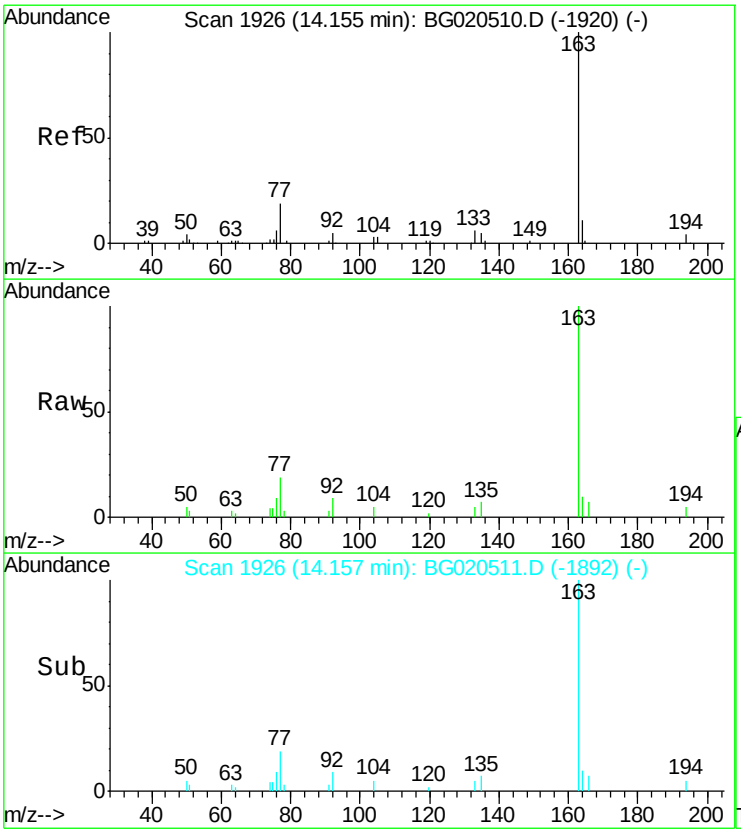
#41
1,1'-Biphenyl
Concen: 7.08 ng/ul
RT: 13.55 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N66

Tgt Ion:154 Resp: 31174

Ion	Ratio	Lower	Upper
154	100		
153	39.3	35.5	53.3
76	9.4	10.4	15.6#

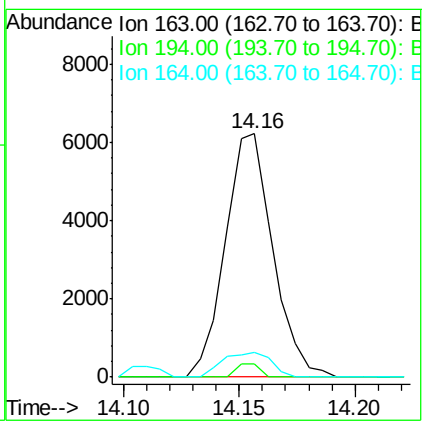


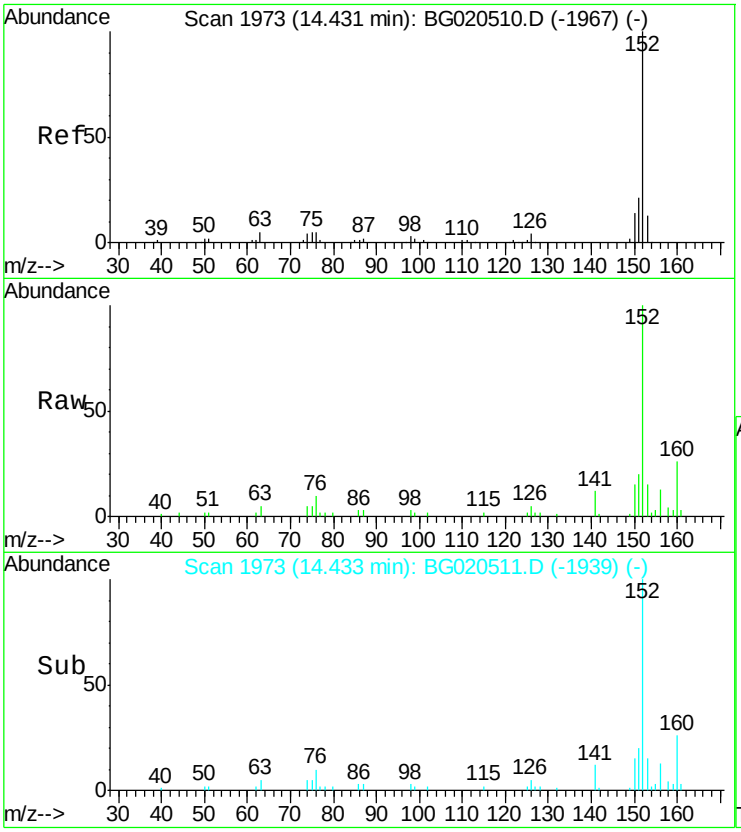


#45
Dimethylphthalate
Concen: 1.86 ng/ul
RT: 14.16 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Tgt Ion:163 Resp: 8902

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.5	5.3#
164	10.2	7.7	11.5



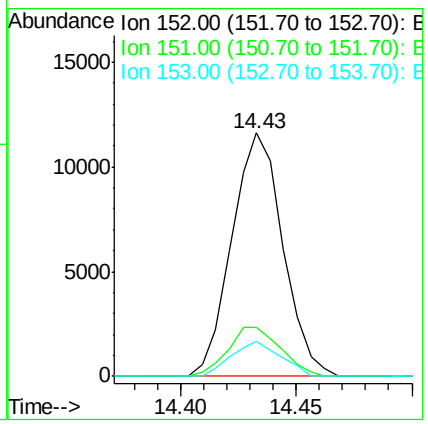


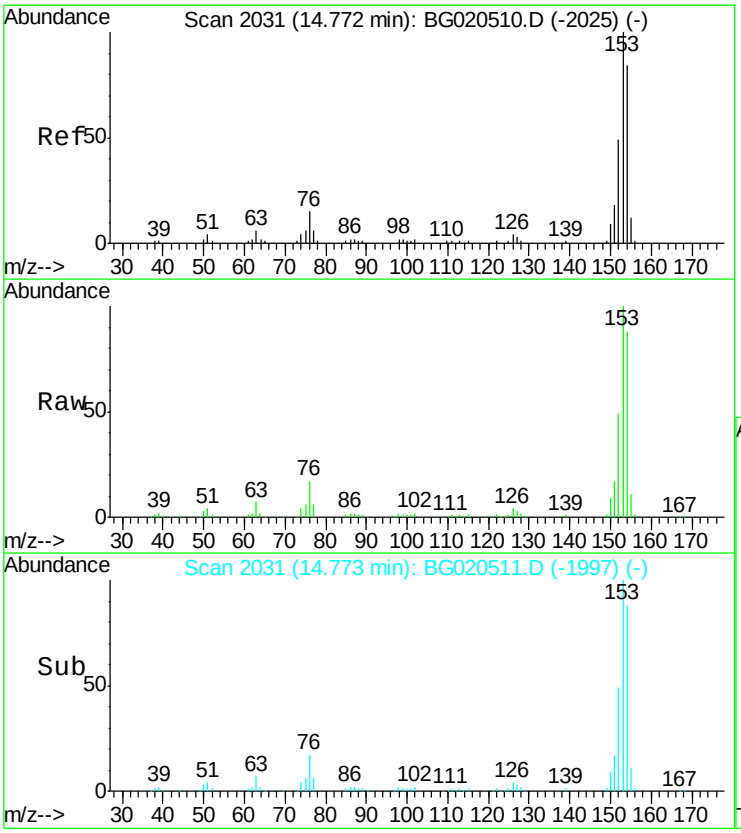
#48
Acenaphthylene
Concen: 3.12 ng/ul
RT: 14.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N66

Tgt Ion:152 Resp: 17887

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.4	24.6
153	14.6	10.4	15.6

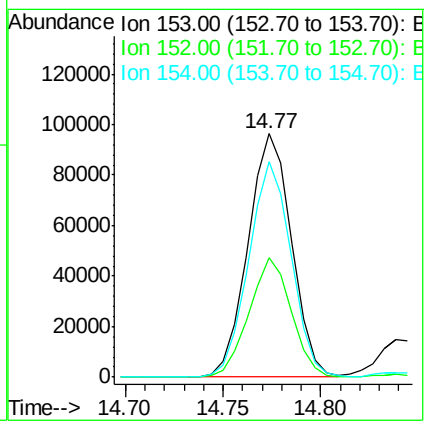


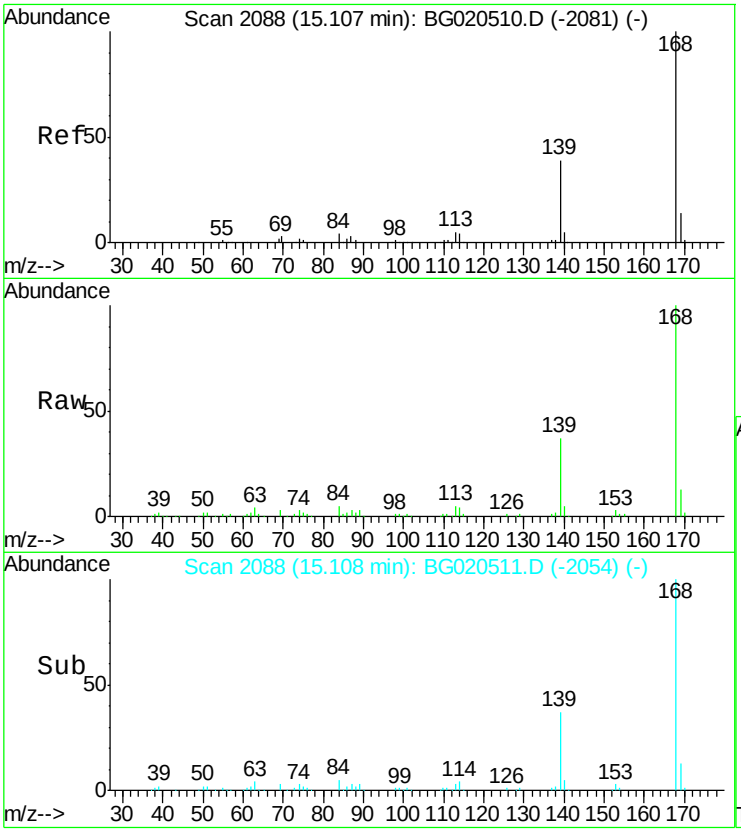


#50
Acenaphthene
Concen: 38.40 ng/ul
RT: 14.77 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Tgt Ion:153 Resp: 148675

Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.6	56.4
154	88.5	67.9	101.9



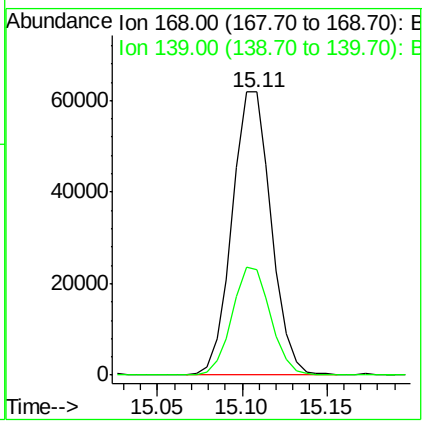


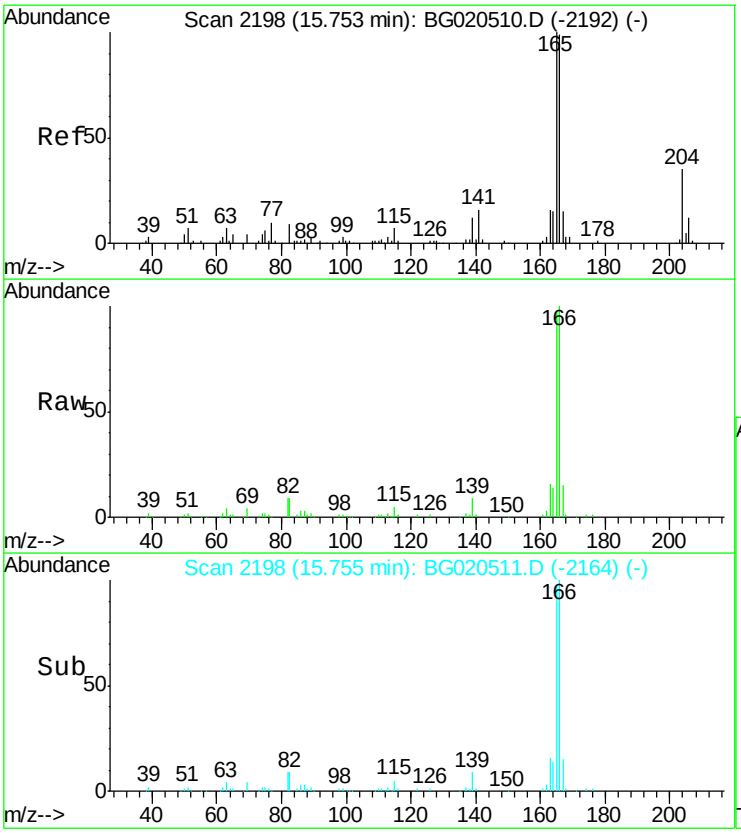
#54
Dibenzofuran
Concen: 17.27 ng/ul
RT: 15.11 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N66

Tgt Ion:168 Resp: 99483

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.5	45.7

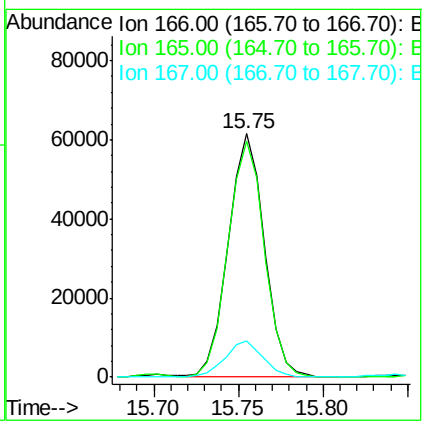


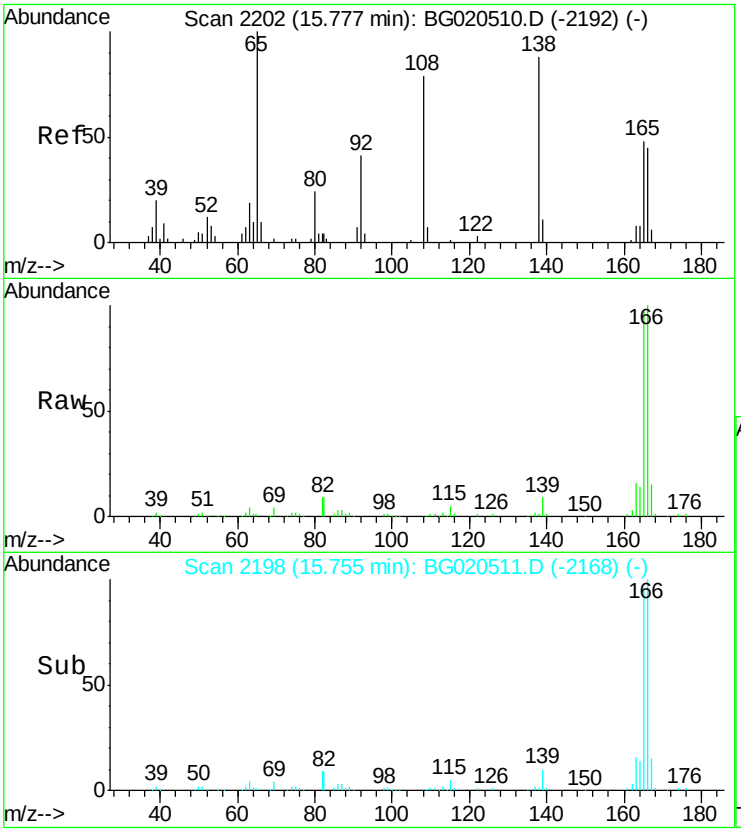


#59
Fluorene
Concen: 19.55 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Tgt Ion:166 Resp: 91268

Ion	Ratio	Lower	Upper
166	100		
165	97.0	81.4	122.0
167	14.8	11.2	16.8



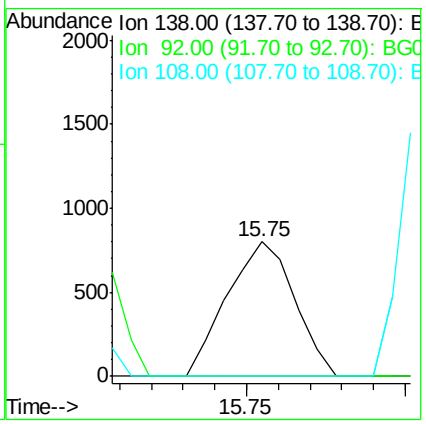


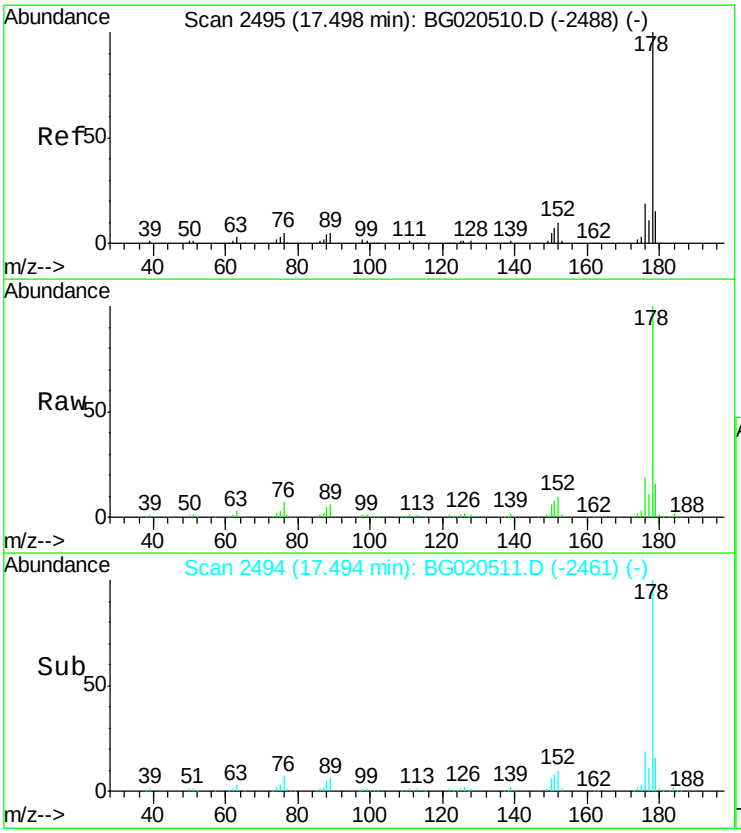
#61
4-Nitroaniline
Concen: 1.17 ng/ul
RT: 15.75 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N66

Tgt Ion:138 Resp: 1184

Ion	Ratio	Lower	Upper
138	100		
92	0.0	45.2	67.8#
108	0.0	75.4	113.0#

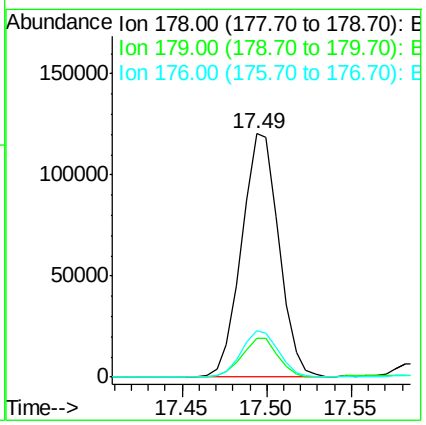


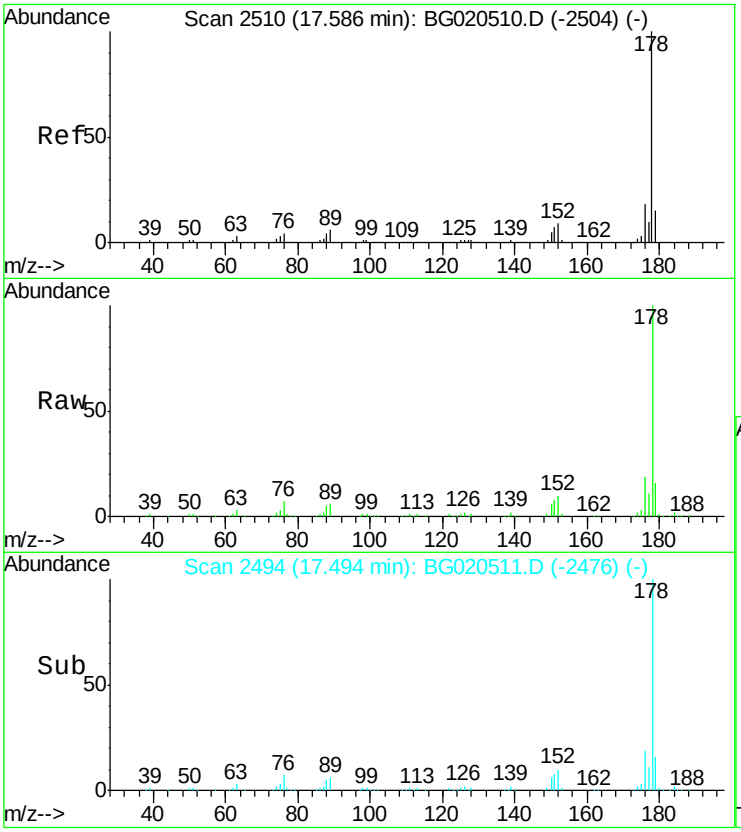


#70
Phenanthrene
Concen: 22.19 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Tgt Ion:178 Resp: 185274

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	19.3	15.3	22.9



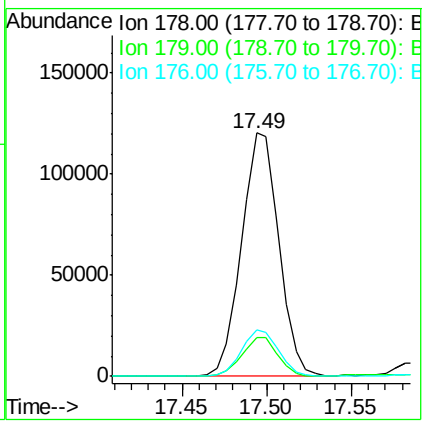


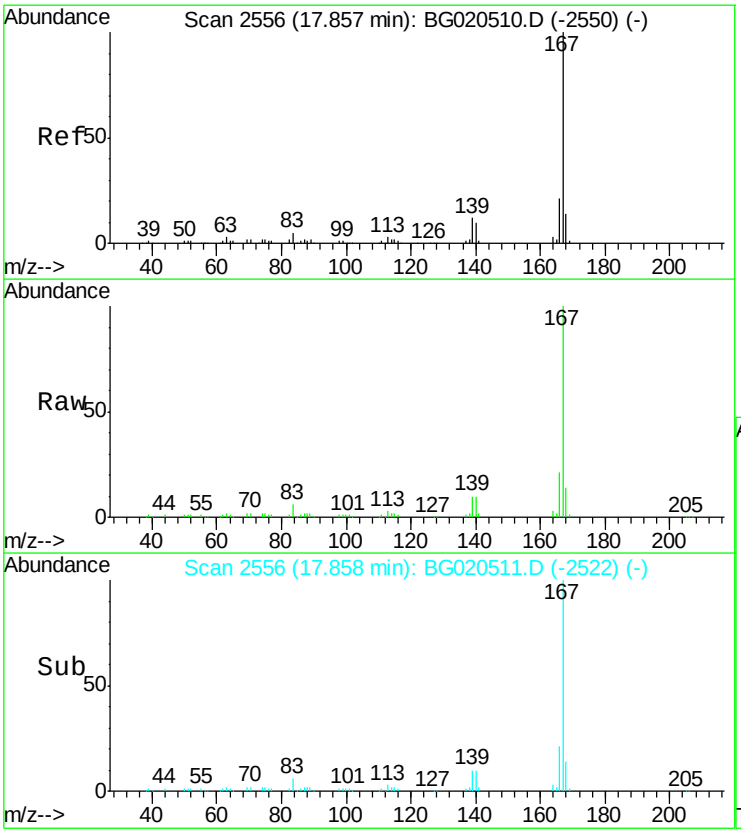
#72
Anthracene
Concen: 21.70 ng/ul
RT: 17.49 min Scan# 2494
Delta R.T. -0.09 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N66

Tgt Ion:178 Resp: 185274

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.3	14.3	21.5

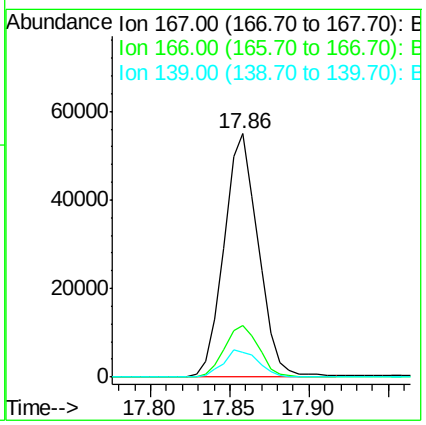


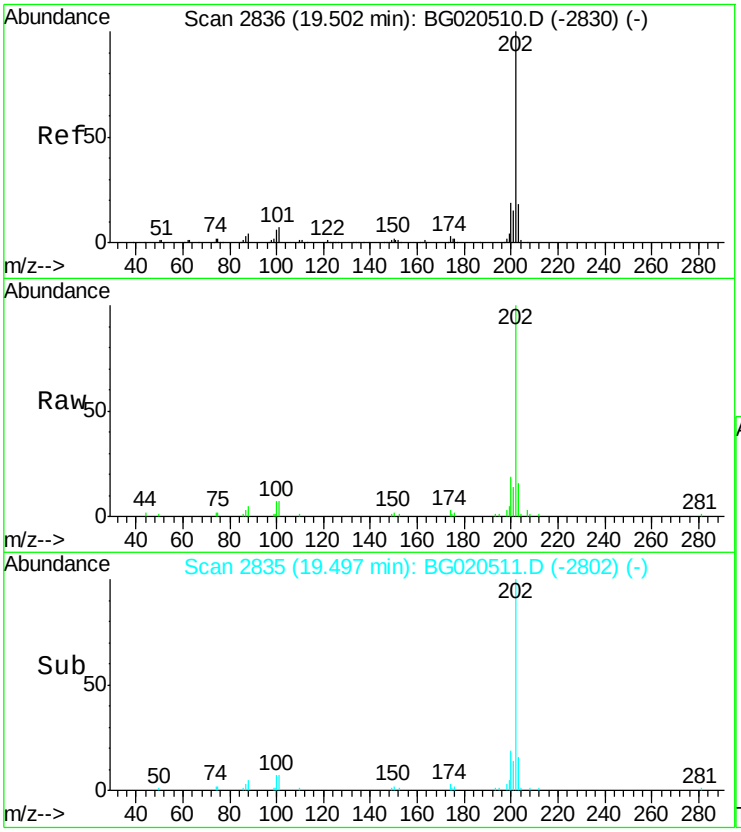


#75
Carbazole
Concen: 11.43 ng/ul
RT: 17.86 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Tgt Ion:167 Resp: 82229

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	10.4	10.1	15.1



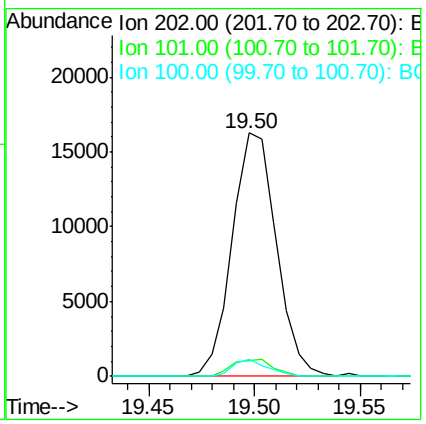


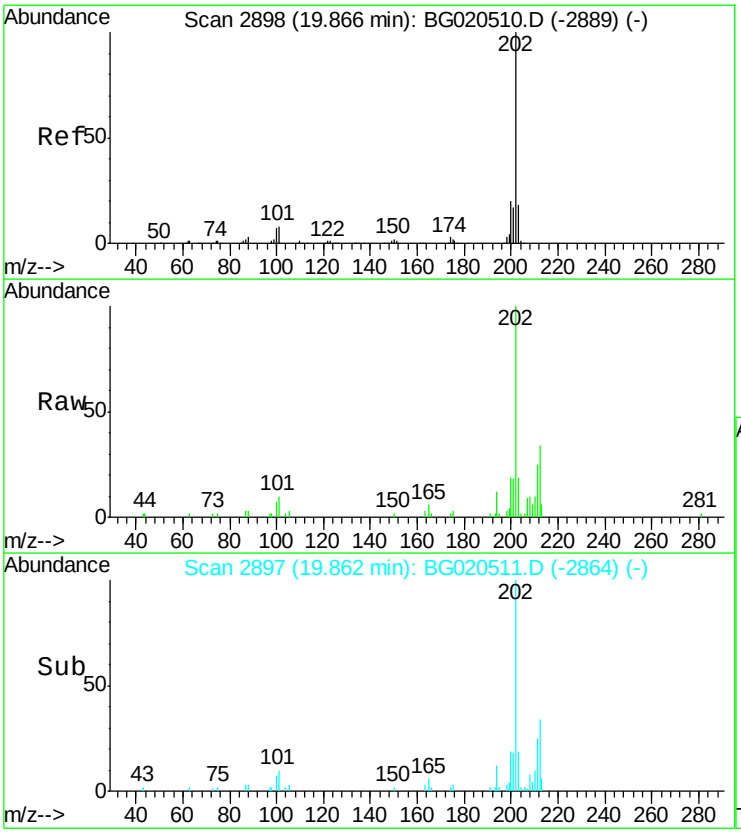
#77
Fluoranthene
Concen: 2.24 ng/ul
RT: 19.50 min Scan# 2835
Delta R.T. -0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Instrument :
BNA_G
ClientSampleId :
D9N66

Tgt Ion:202 Resp: 23574

Ion	Ratio	Lower	Upper
202	100		
101	6.5	6.2	9.4
100	6.8	5.1	7.7





#80
Pyrene
Concen: 1.34 ng/ul
RT: 19.86 min Scan# 2897
Delta R.T. -0.00 min
Lab File: BG020511.D
Acq: 25 Dec 2015 19:46

Tgt Ion:202 Resp: 14418

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.0	10.4
100	7.4	6.4	9.6