Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122415\
Data File : BG020496.D
Acq On : 25 Dec 2015 6:22
Operator : UM/SJ
Sample : G4846-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N50

Quant Time: Dec 25 23:04:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 03:27:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	52760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	244138	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.72	164	164269	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	386160	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	481007	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	470766	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	483	0.50	ng/uL	0.00
5) Phenol-d5	7.24	99	13400	3.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	34972	13.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	37413	11.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	26239	7.37	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	26273	13.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	30701	14.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	51310	12.18	ng/ul	0.02
29) 4-Chloroaniline-d4	11.03	131	2534	0.53	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	180177	13.31	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	214729	13.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	6652	2.95	ng/ul	0.00
58) Fluorene-d10	15.71	176	163670	13.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	28321	11.07	ng/ul	0.02
71) Anthracene-d10	17.56	188	252867	13.98	ng/ul	0.00
79) Pyrene-d10	19.84	212	292304	14.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	340548	14.31	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.53	108	12204	3.57	ng/ul	89
14) Acetophenone	8.91	105	8835	1.55	ng/ul#	94
16) 4-Methylphenol	8.85	108	17462	4.70	ng/ul	87
17) Hexachloroethane	9.19	117	2529	1.77	ng/ul#	1
24) 2,4-Dimethylphenol	10.07	107	34384	7.04	ng/ul	95
28) Naphthalene	11.03	128	8113716	625.18	ng/ul#	47
30) 4-Chloroaniline	11.03	127	2157958	444.93	ng/ul#	15
34) 2-Methylnaphthalene	12.57	142	1495399	155.73	ng/ul	99
35) 1-Methylnaphthalene	12.78	142	934076	102.40	ng/ul#	97
41) 1,1'-Biphenyl	13.55	154	527950	41.64	ng/ul	97
48) Acenaphthylene	14.44	152	274705	16.66	ng/ul	98
50) Acenaphthene	14.80	153	2041656	183.15	ng/ul	92
54) Dibenzofuran	15.12	168	1626355	98.06	ng/ul	91
59) Fluorene	15.78	166	1296448	96.46	ng/ul	98
61) 4-Nitroaniline	15.78	138	18335	6.32	ng/ul#	15
70) Phenanthrene	17.60	178	129640	6.03	ng/ul	97
72) Anthracene	17.60	178	131463	5.98	ng/ul	98
75) Carbazole	17.89	167	2428103	131.14	ng/ul#	84
77) Fluoranthene	19.51	202	410978	15.21	ng/ul	98
80) Pyrene	19.87	202	239084	8.79	ng/ul	97

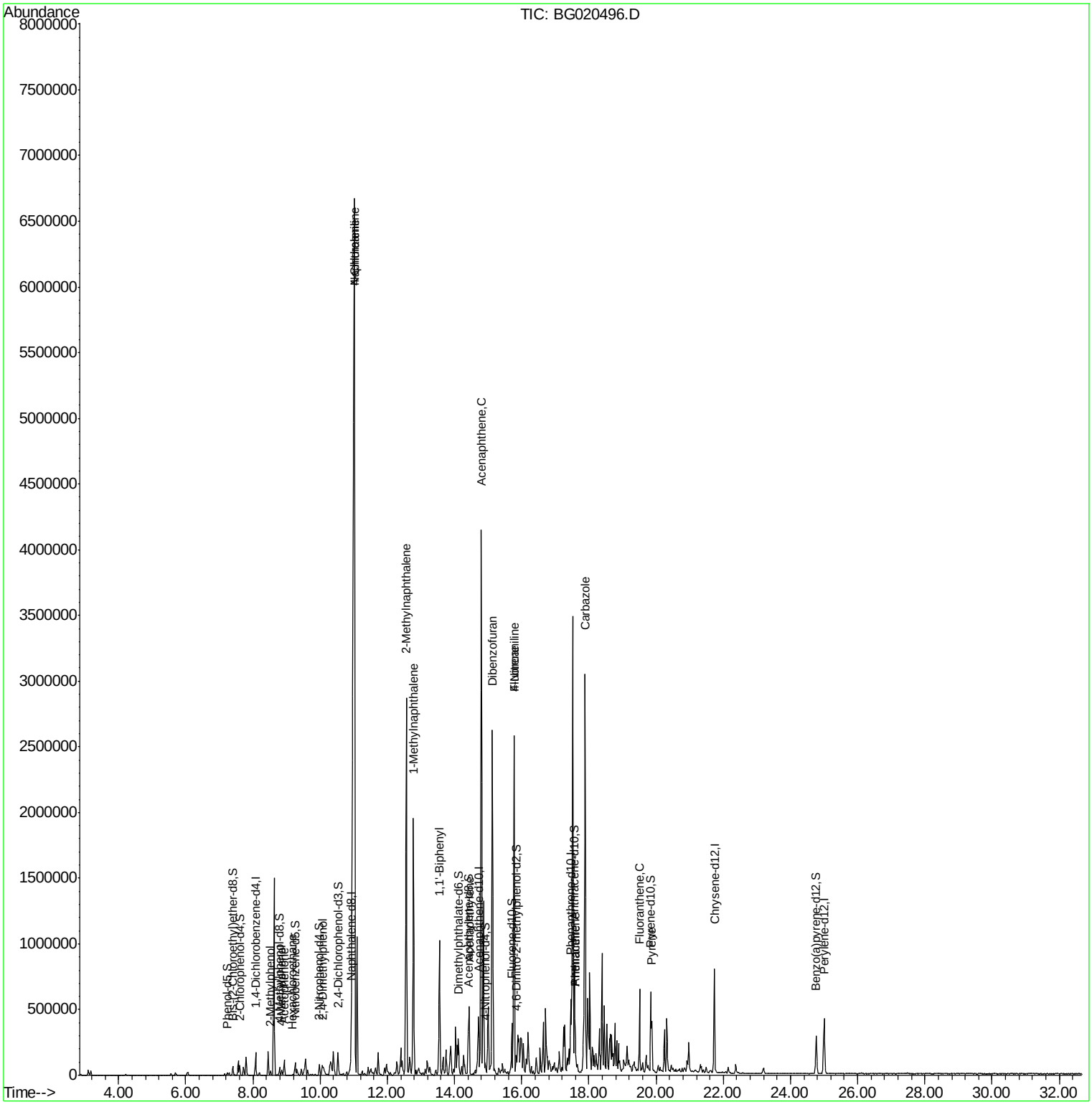
(#) = qualifier out of range (m) = manual integration (+) = signals summed

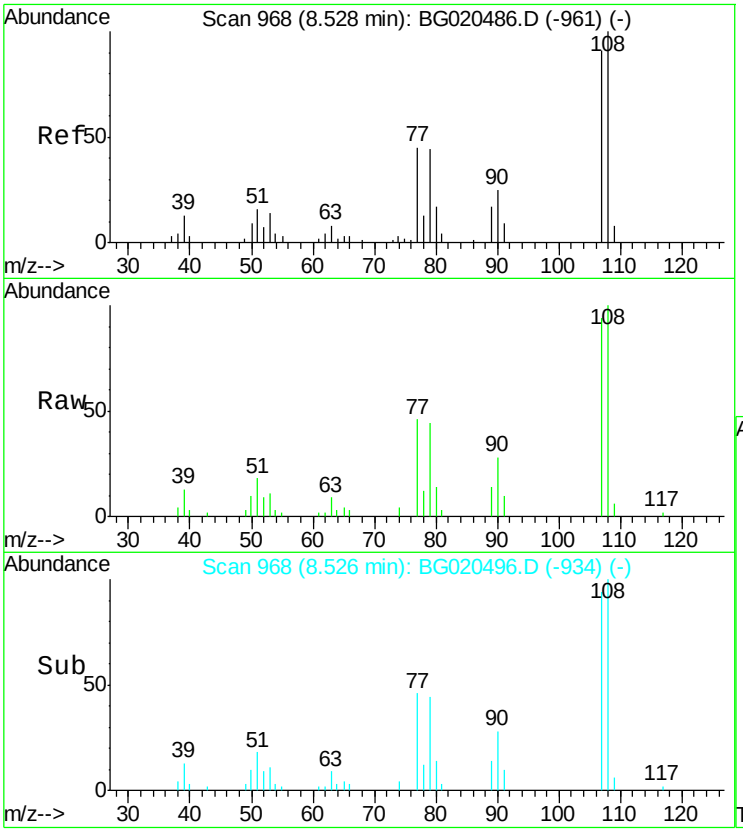
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122415\
Data File : BG020496.D
Acq On : 25 Dec 2015 6:22
Operator : UM/SJ
Sample : G4846-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N50

Quant Time: Dec 25 23:04:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 03:27:34 2015
Response via : Initial Calibration



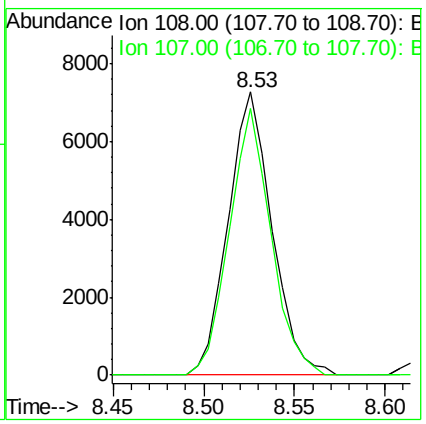


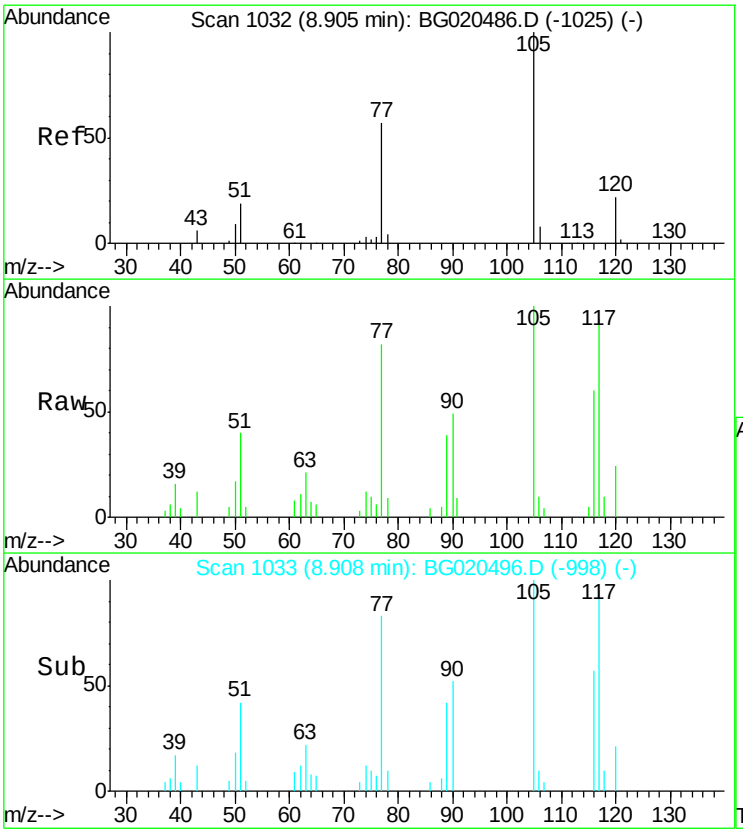
#11
2-Methylphenol
Concen: 3.57 ng/ul
RT: 8.53 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Instrument :
BNA_G
ClientSampleId :
D9N50

Tgt Ion:108 Resp: 12204

Ion	Ratio	Lower	Upper
108	100		
107	94.4	67.5	101.3

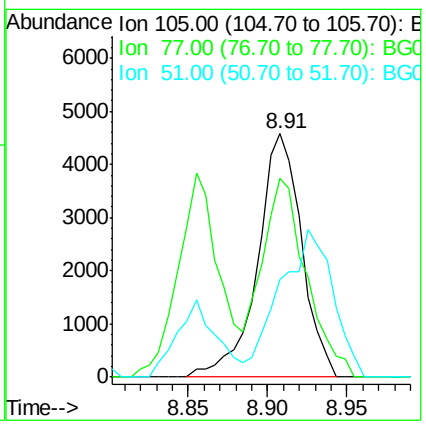


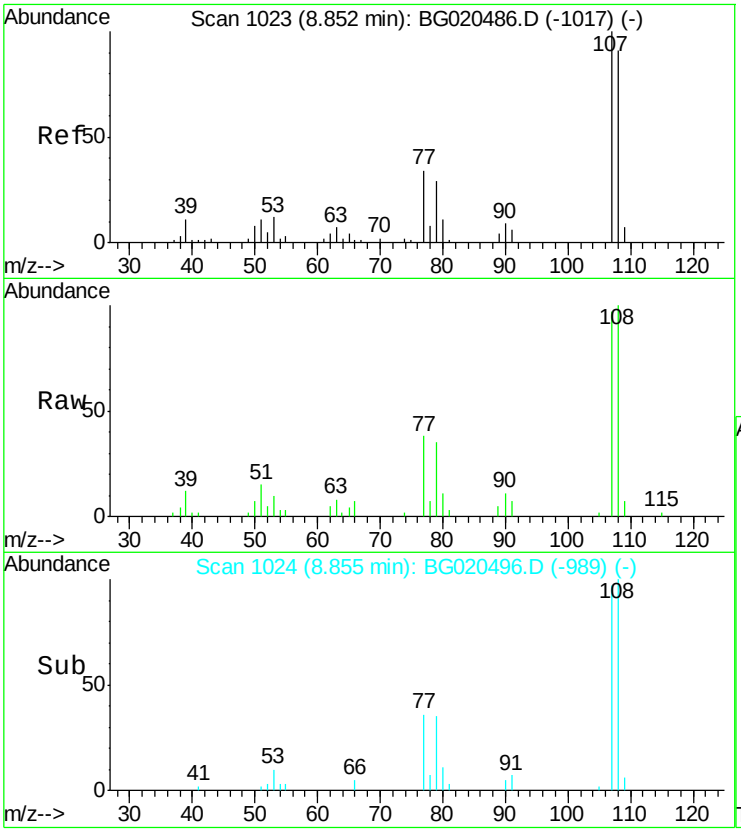


#14
Acetophenone
Concen: 1.55 ng/ul
RT: 8.91 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Tgt Ion:105 Resp: 8835

Ion	Ratio	Lower	Upper
105	100		
77	81.9	65.2	97.8
51	39.9	22.6	33.8#



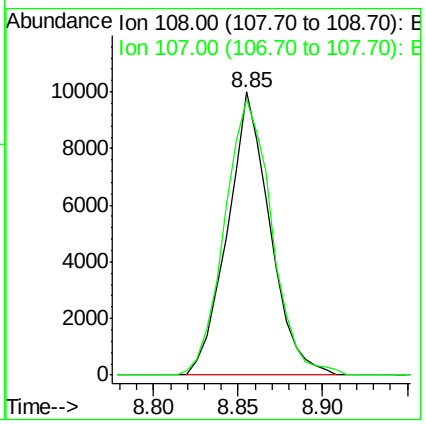


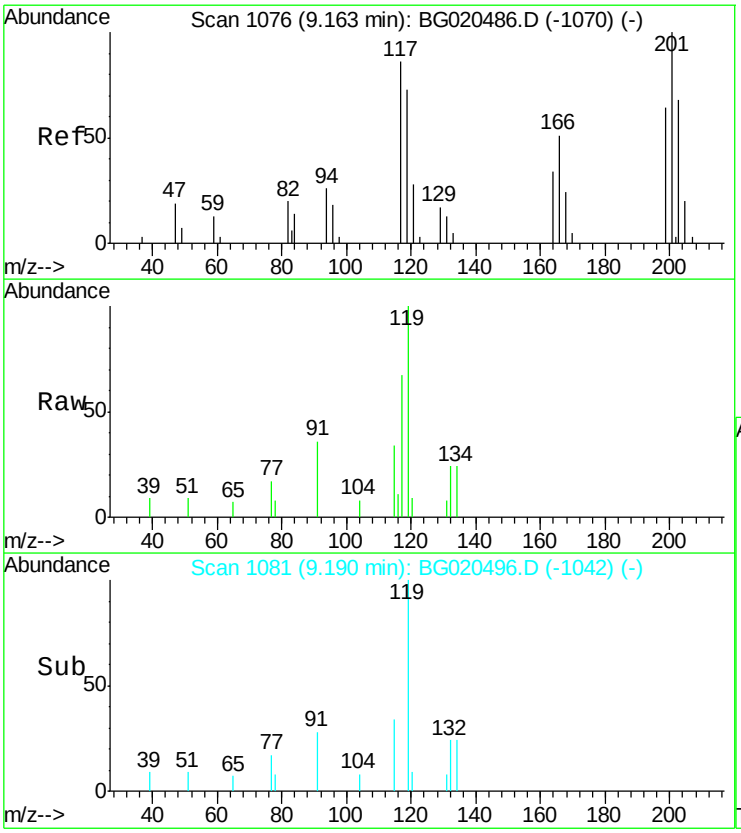
#16
4-Methylphenol
Concen: 4.70 ng/ul
RT: 8.85 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Instrument :
BNA_G
ClientSampleId :
D9N50

Tgt Ion:108 Resp: 17462

Ion	Ratio	Lower	Upper
108	100		
107	97.3	88.9	133.3

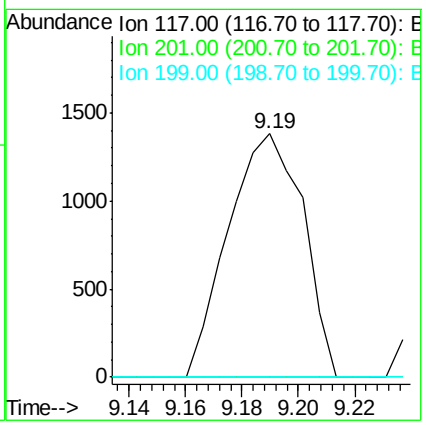


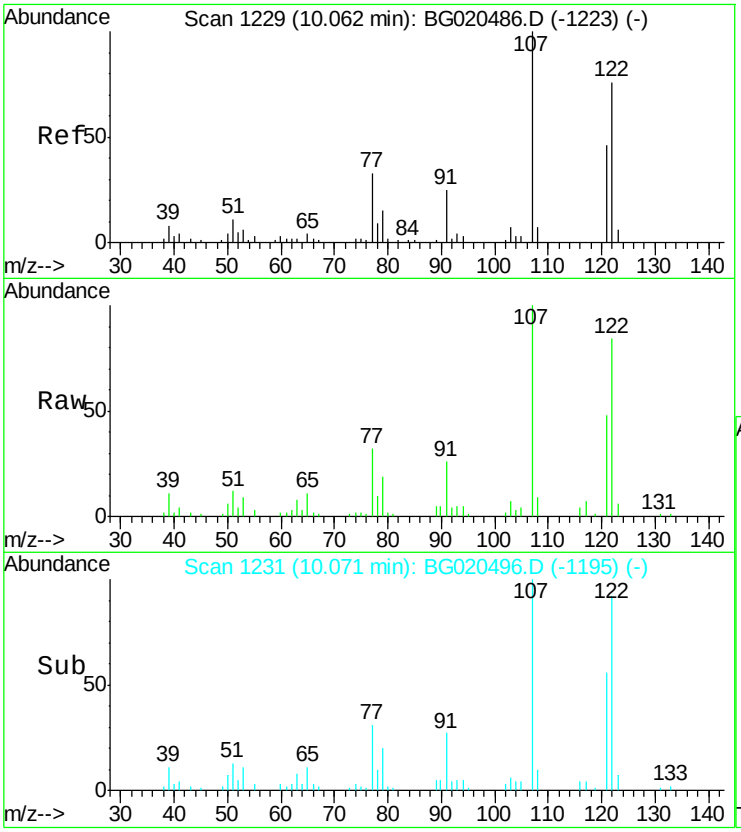


#17
Hexachloroethane
Concen: 1.77 ng/ul
RT: 9.19 min Scan# 1081
Delta R.T. 0.03 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Tgt Ion:117 Resp: 2529

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



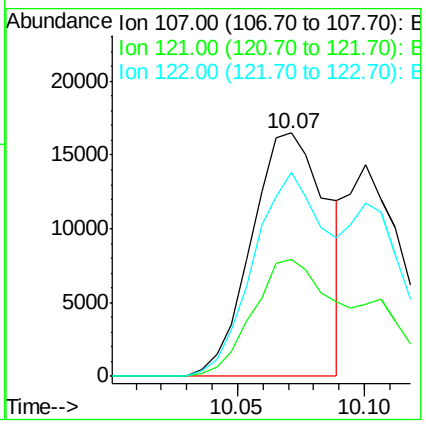


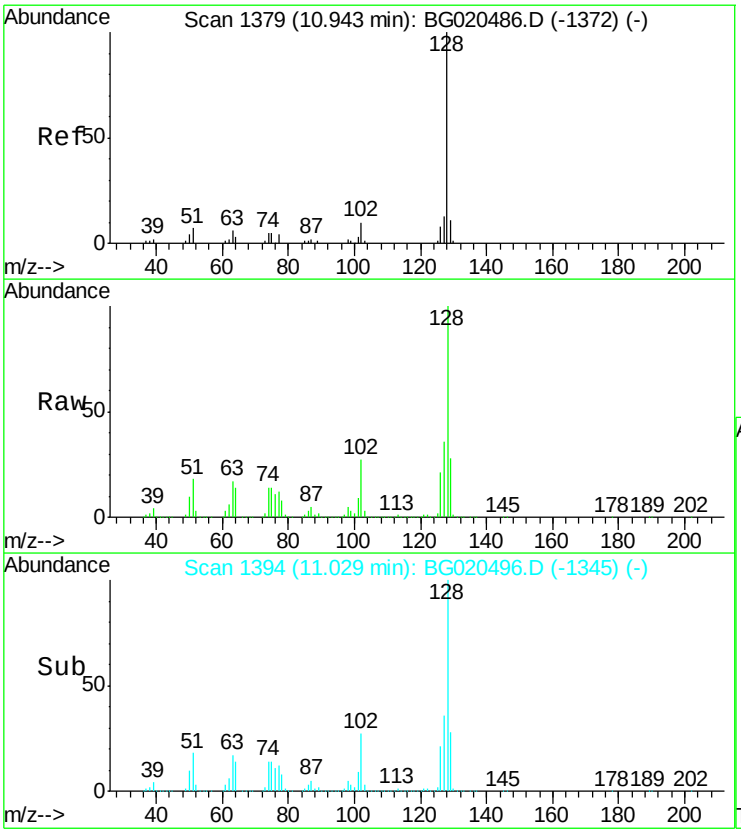
#24
2,4-Dimethylphenol
Concen: 7.04 ng/ul
RT: 10.07 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Instrument :
BNA_G
ClientSampleId :
D9N50

Tgt Ion:107 Resp: 34384

Ion	Ratio	Lower	Upper
107	100		
121	48.2	39.0	58.4
122	84.0	62.1	93.1

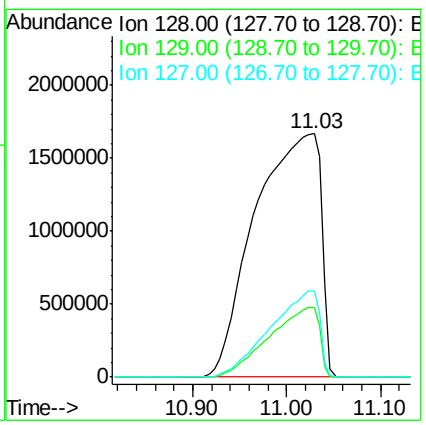


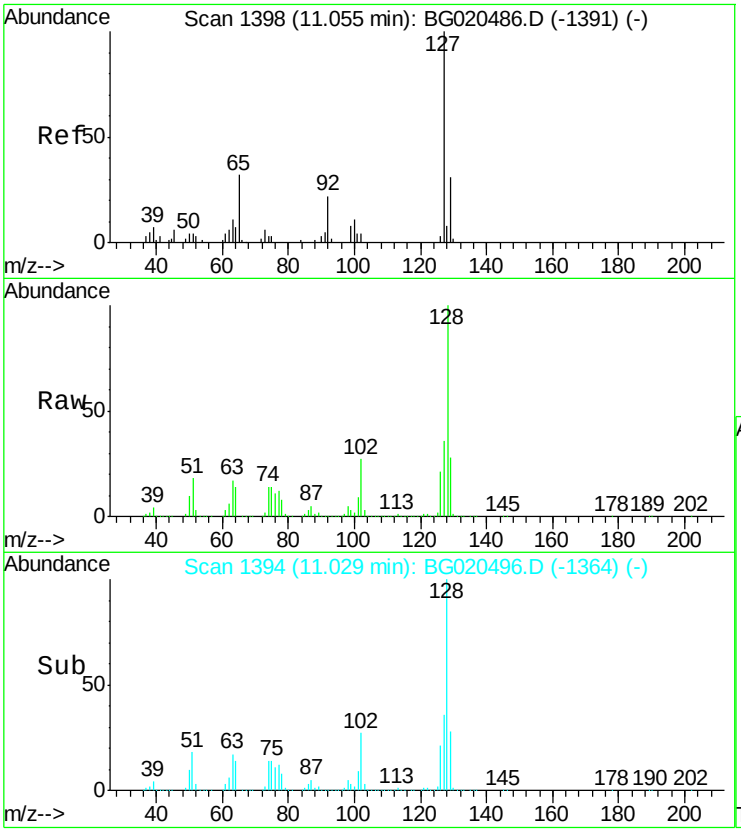


#28
Naphthalene
Concen: 625.18 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. 0.09 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Tgt Ion:128 Resp: 8113716

Ion	Ratio	Lower	Upper
128	100		
129	28.3	8.6	12.8#
127	35.5	10.1	15.1#



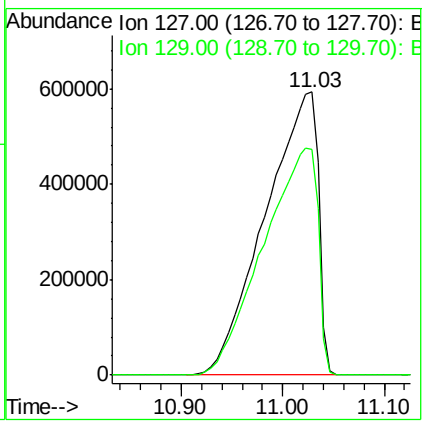


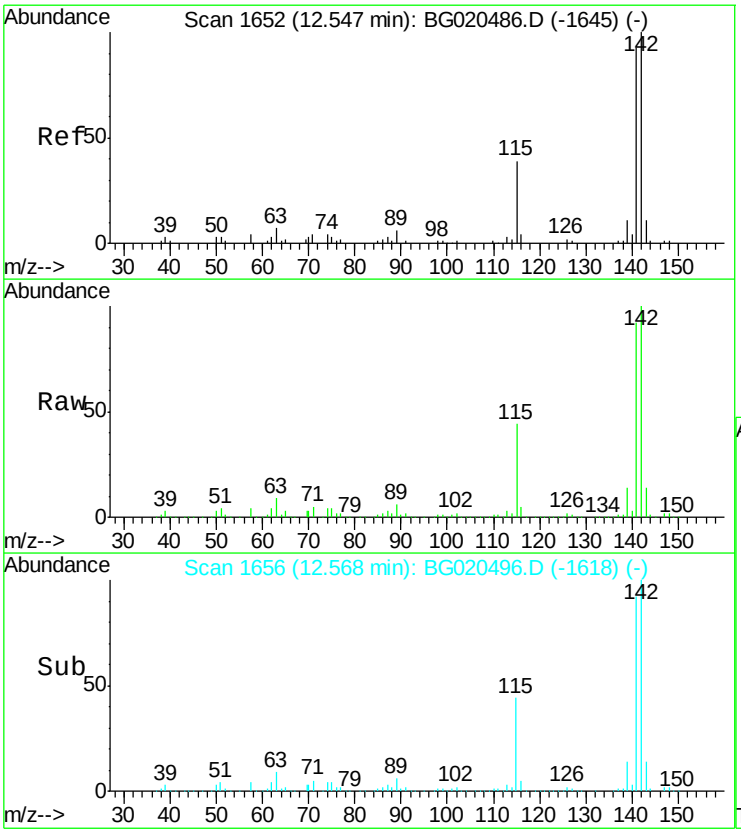
#30
4-Chloroaniline
Concen: 444.93 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Instrument :
BNA_G
ClientSampleId :
D9N50

Tgt Ion:127 Resp: 2157958

Ion	Ratio	Lower	Upper
127	100		
129	79.8	25.7	38.5#

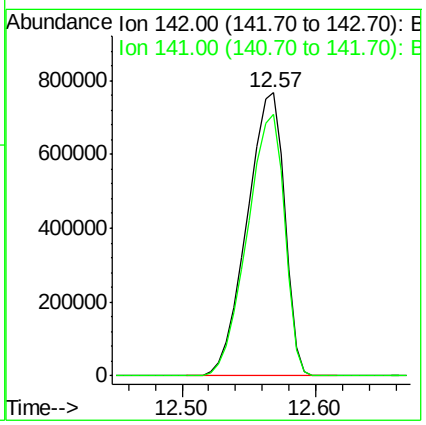


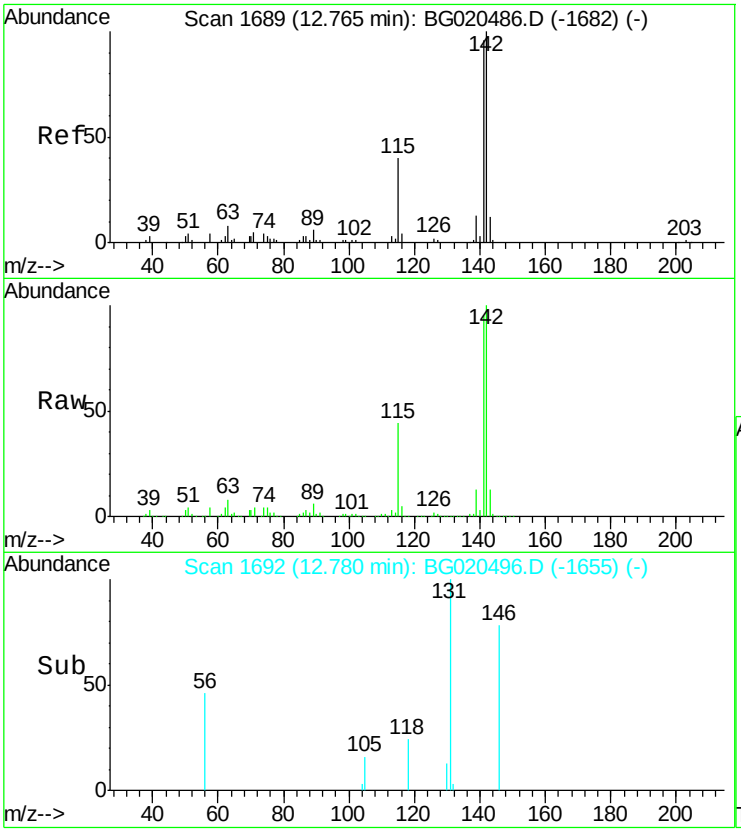


#34
2-Methylnaphthalene
Concen: 155.73 ng/ul
RT: 12.57 min Scan# 1656
Delta R.T. 0.02 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Tgt Ion:142 Resp: 1495399

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.9	112.3



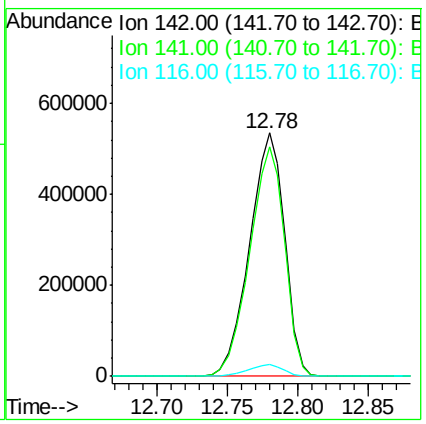


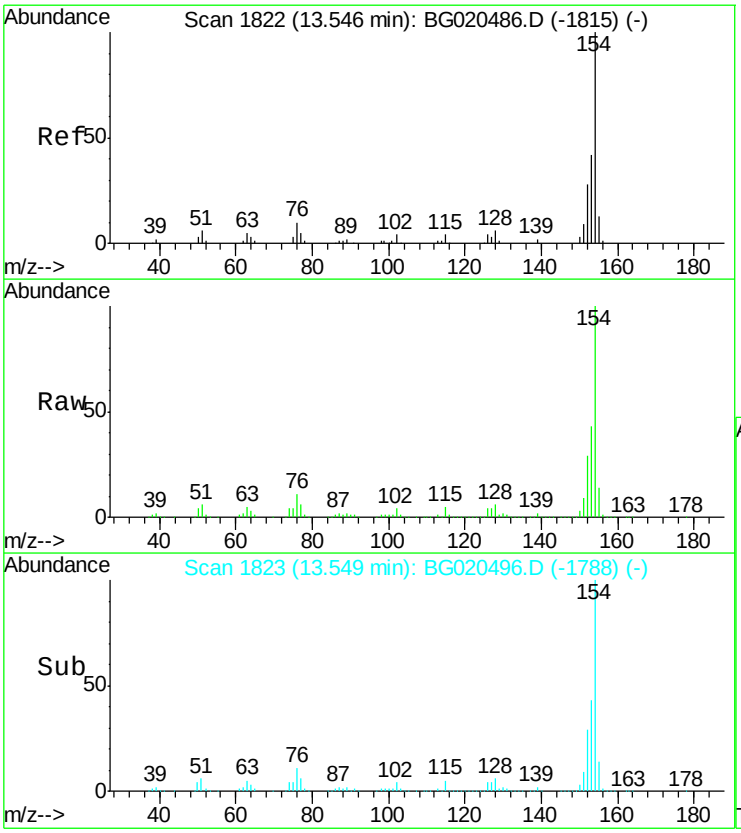
#35
1-Methylnaphthalene
Concen: 102.40 ng/ul
RT: 12.78 min Scan# 1692
Delta R.T. 0.02 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Instrument :
BNA_G
ClientSampleId :
D9N50

Tgt Ion:142 Resp: 934076

Ion	Ratio	Lower	Upper
142	100		
141	94.5	73.0	109.6
116	4.9	3.0	4.6#

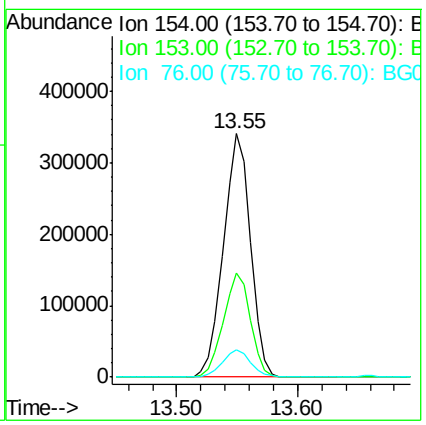


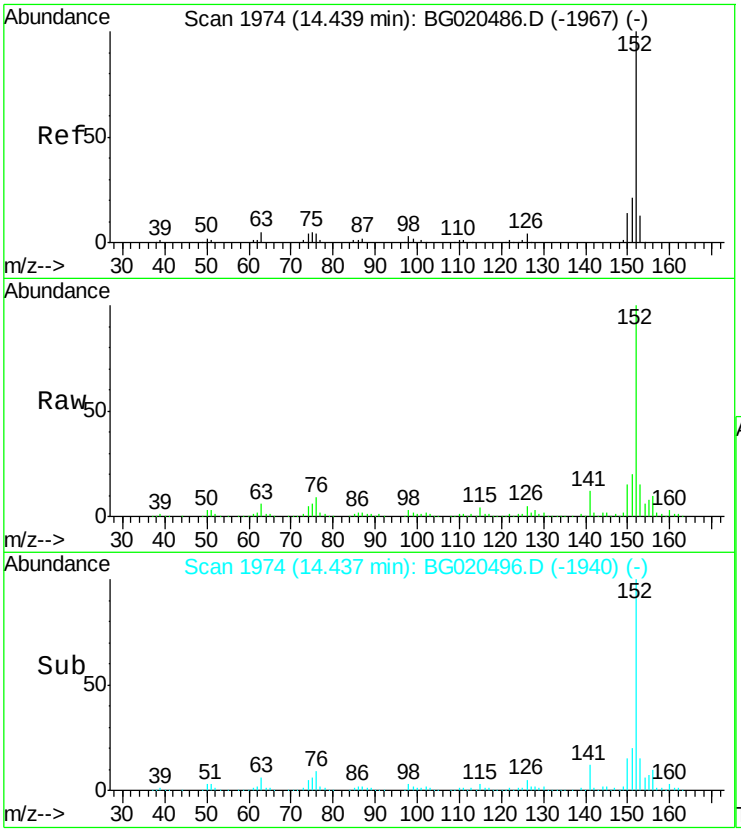


#41
1,1'-Biphenyl
Concen: 41.64 ng/ul
RT: 13.55 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Tgt Ion:154 Resp: 527950

Ion	Ratio	Lower	Upper
154	100		
153	42.6	35.5	53.3
76	11.2	10.4	15.6



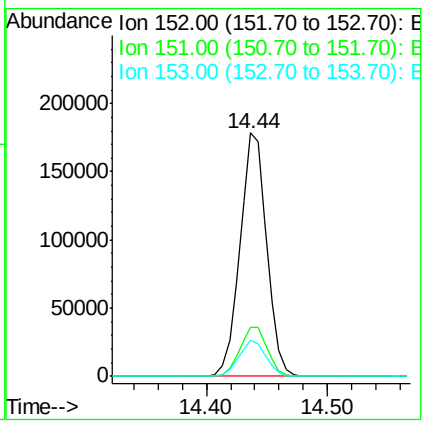


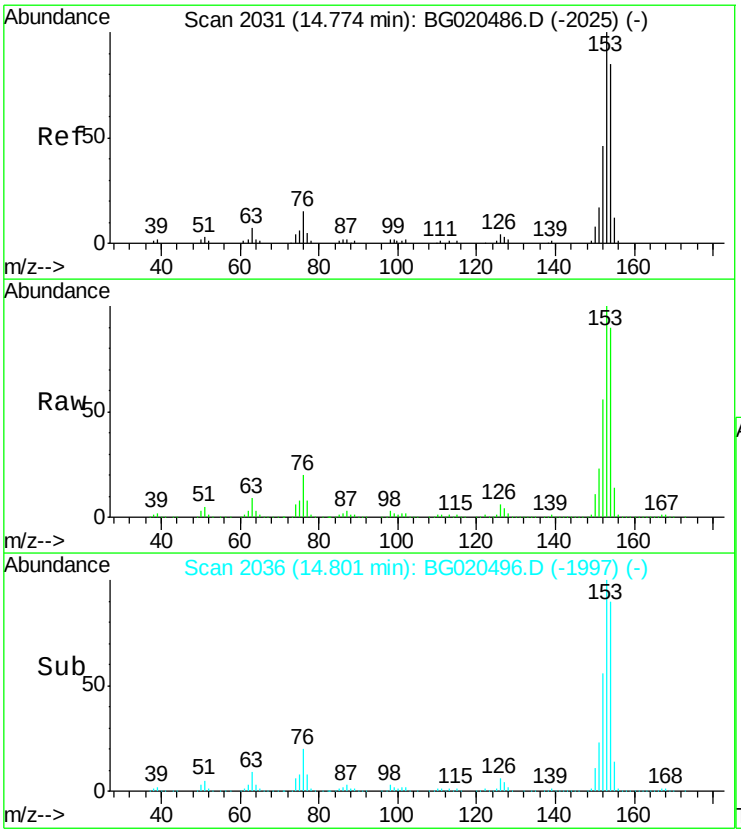
#48
Acenaphthylene
Concen: 16.66 ng/ul
RT: 14.44 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Instrument :
BNA_G
ClientSampleId :
D9N50

Tgt Ion:152 Resp: 274705

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	14.8	10.4	15.6

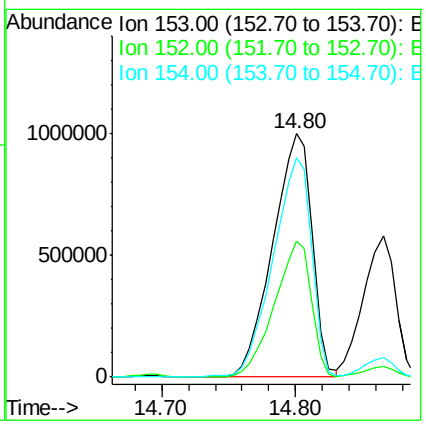


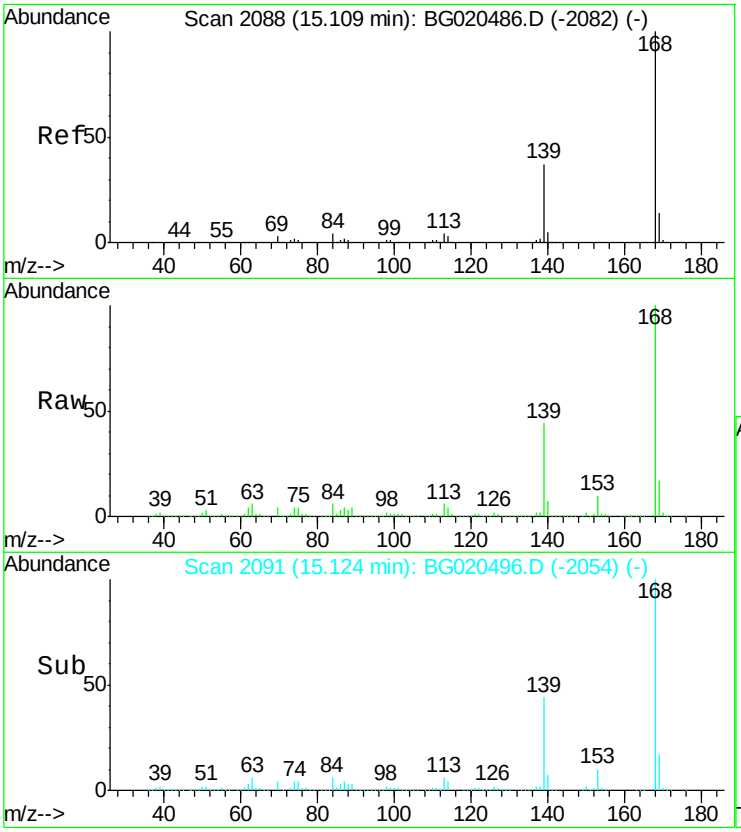


#50
Acenaphthene
Concen: 183.15 ng/ul
RT: 14.80 min Scan# 2036
Delta R.T. 0.03 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Tgt Ion:153 Resp: 2041656

Ion	Ratio	Lower	Upper
153	100		
152	55.8	37.6	56.4
154	90.3	67.9	101.9



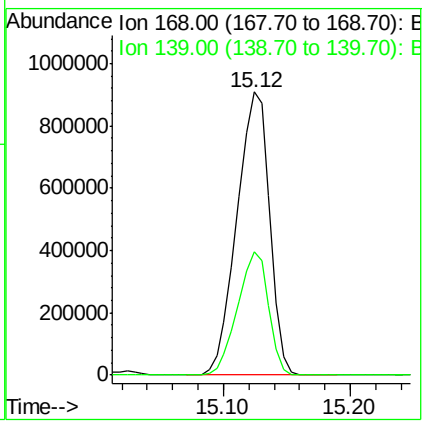


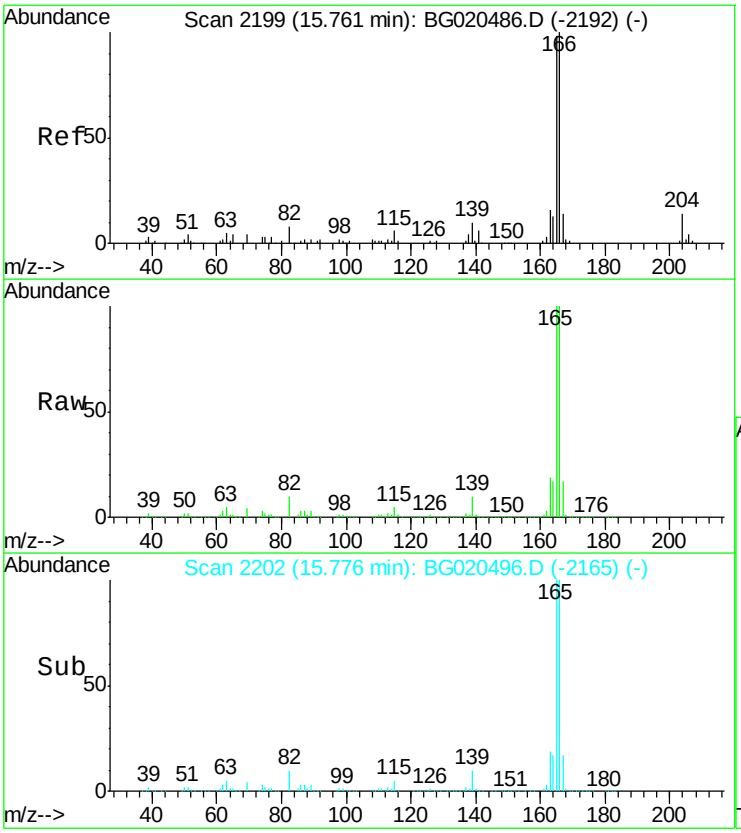
#54
Dibenzofuran
Concen: 98.06 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. 0.02 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Instrument :
BNA_G
ClientSampleId :
D9N50

Tgt Ion:168 Resp: 1626355

Ion	Ratio	Lower	Upper
168	100		
139	43.7	30.5	45.7

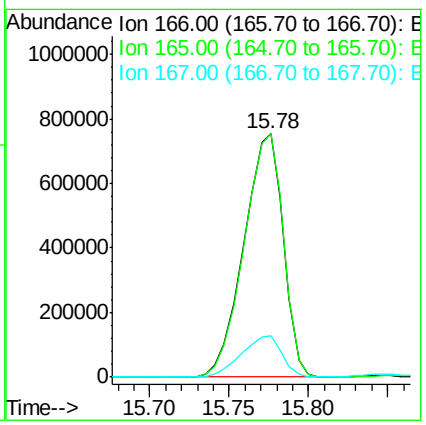


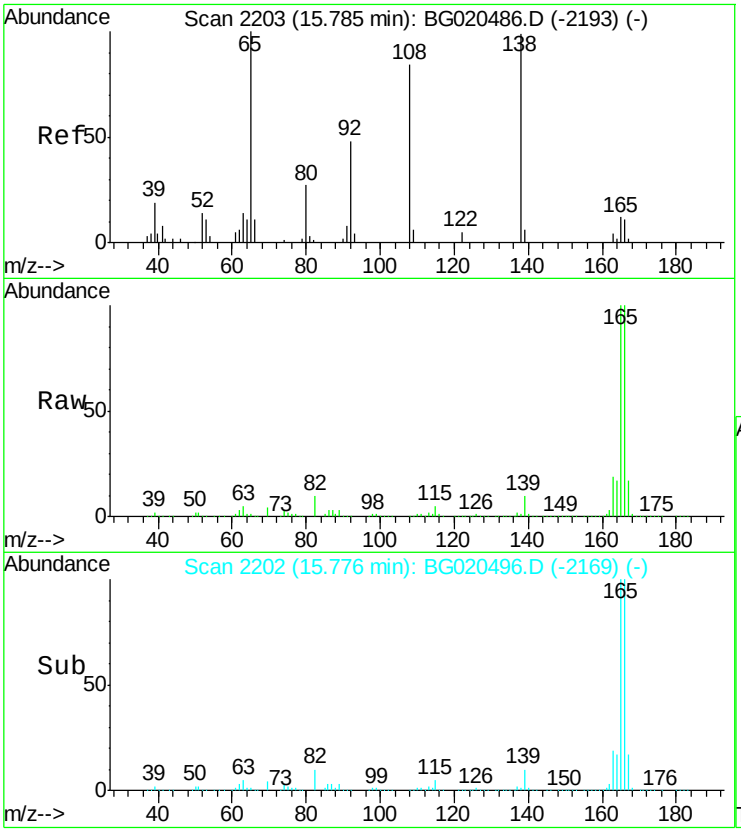


#59
Fluorene
Concen: 96.46 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Tgt Ion:166 Resp: 1296448

Ion	Ratio	Lower	Upper
166	100		
165	100.1	81.4	122.0
167	16.8	11.2	16.8



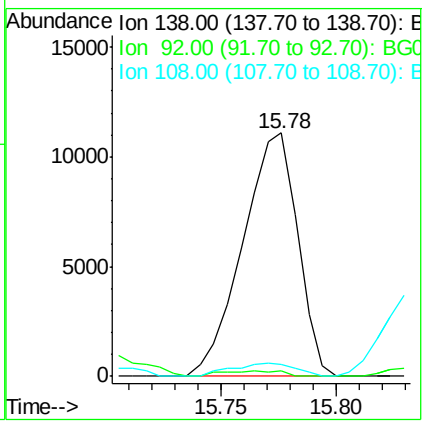


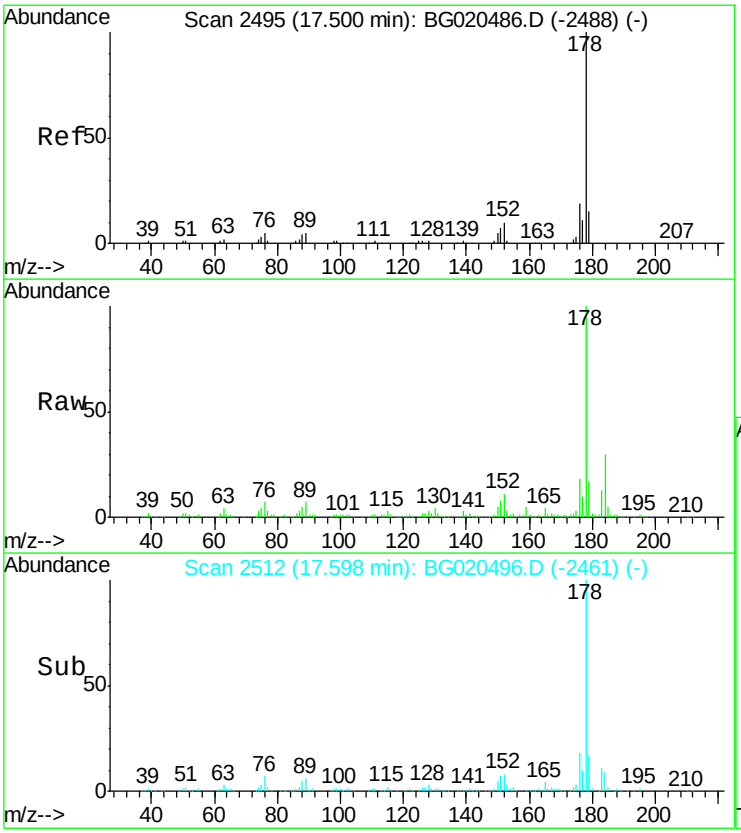
#61
4-Nitroaniline
Concen: 6.32 ng/ul
RT: 15.78 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Instrument :
BNA_G
ClientSampleId :
D9N50

Tgt Ion:138 Resp: 18335

Ion	Ratio	Lower	Upper
138	100		
92	2.2	45.2	67.8#
108	4.9	75.4	113.0#

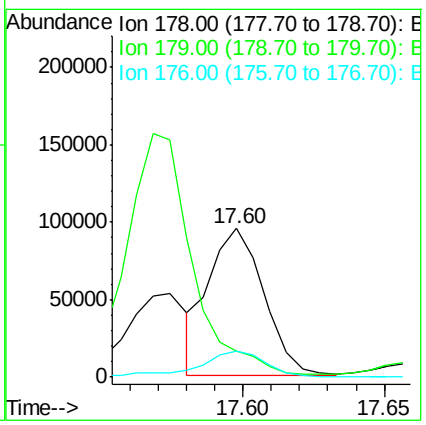


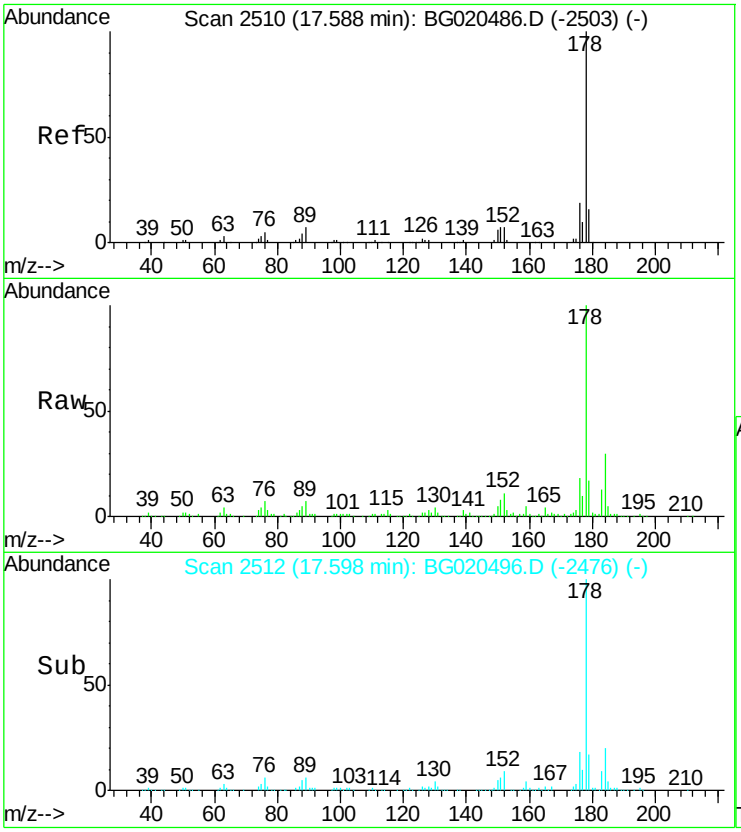


#70
Phenanthrene
Concen: 6.03 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. 0.10 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Tgt Ion:178 Resp: 129640

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.9	19.3
176	17.6	15.3	22.9



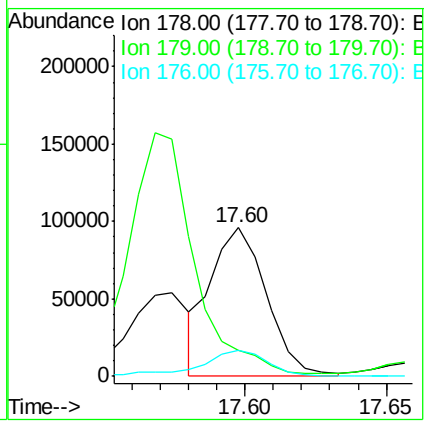


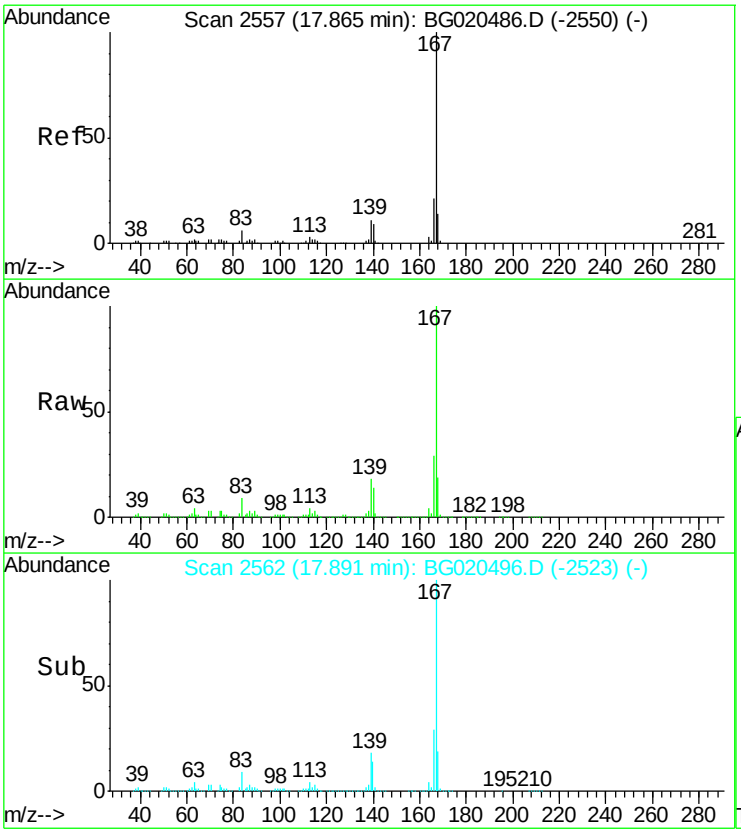
#72
Anthracene
Concen: 5.98 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Instrument :
BNA_G
ClientSampleId :
D9N50

Tgt Ion:178 Resp: 131463

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	17.6	14.3	21.5

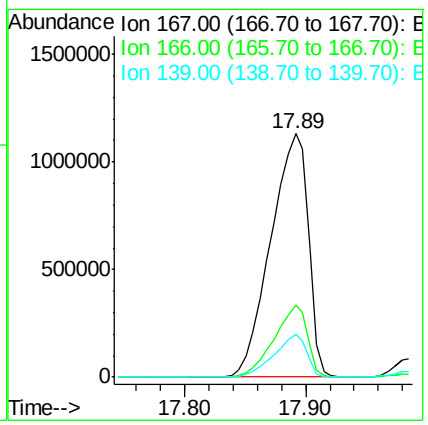


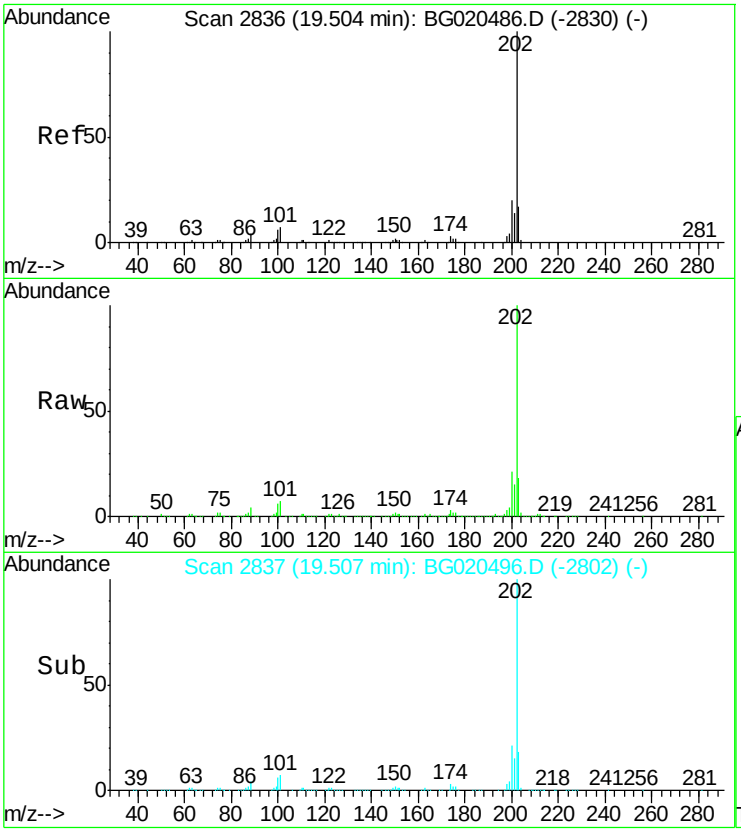


#75
Carbazole
Concen: 131.14 ng/ul
RT: 17.89 min Scan# 2562
Delta R.T. 0.03 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Tgt Ion:167 Resp: 2428103

Ion	Ratio	Lower	Upper
167	100		
166	29.4	17.0	25.6#
139	17.6	10.1	15.1#



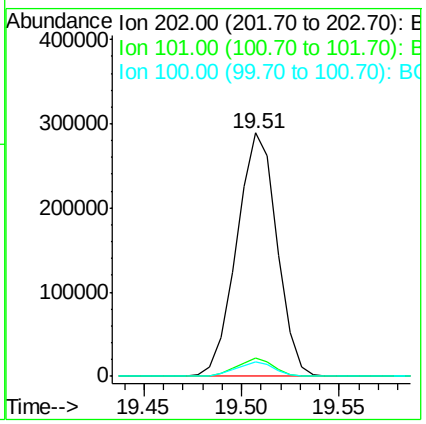


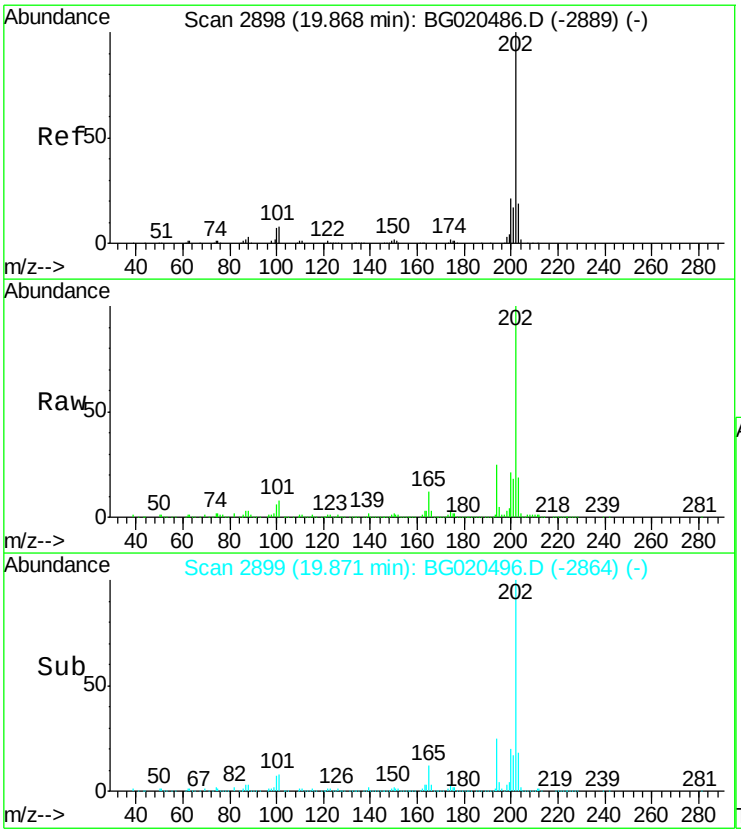
#77
Fluoranthene
Concen: 15.21 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Instrument :
BNA_G
ClientSampleId :
D9N50

Tgt Ion:202 Resp: 410978

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.2	9.4
100	5.8	5.1	7.7





#80
Pyrene
Concen: 8.79 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG020496.D
Acq: 25 Dec 2015 6:22

Tgt Ion:202 Resp: 239084

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.4
100	6.5	6.4	9.6