Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 16 03:28:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:23:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	65719	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	282192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	231112	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	474000	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	619183	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	610795	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4477	3.52	ng/uL	0.00
5) Phenol-d5	7.39	99	143218	25.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	88214	25.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	102322	25.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	115085	24.29	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	53322	26.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	59468	23.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	111368	23.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	161055	34.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	384876	24.21	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	454598	26.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	63730	23.33	ng/ul	0.02
57) Fluorene-d10	15.85	176	411332	27.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	72723	24.81	ng/ul	0.00
70) Anthracene-d10	17.70	188	534042	26.69	ng/ul	0.00
76) Pyrene-d10	19.97	212	631193	24.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	654719	26.45	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	13224	3.10	ng/ul#	1
6) Phenol	7.42	94	28249	4.85	ng/ul#	78
14) Acetophenone	9.03	105	35677	4.95	ng/ul#	31
16) 4-Methylphenol	9.01	108	7031	1.47	ng/ul	96
17) Hexachloroethane	9.34	117	13993	7.92	ng/ul#	1
24) 2,4-Dimethylphenol	10.21	107	96494	16.70	ng/ul	94
27) 2,4-Dichlorophenol	10.69	162	13685	2.94	ng/ul#	61
28) Naphthalene	11.11	128	631384	48.13	ng/ul	96
33) 4-Chloro-3-methylphenol	12.33	107	7711	1.34	ng/ul#	39
34) 2-Methylnaphthalene	12.70	142	416698	40.25	ng/ul	95
40) 1,1'-Biphenyl	13.69	154	82647	5.90	ng/ul	98
42) 2-Nitroaniline	13.94	65	4779	1.09	ng/ul#	35
44) Dimethylphthalate	14.30	163	75047	4.80	ng/ul#	94
49) Acenaphthene	14.92	153	17612	1.52	ng/ul#	85
52) 4-Nitrophenol	15.09	109	17426	5.30	ng/ul#	56
53) Dibenzofuran	15.25	168	51236	2.79	ng/ul	97
58) Fluorene	15.91	166	52053	3.49	ng/ul#	91
69) Phenanthrene	17.64	178	32369	1.43	ng/ul#	60

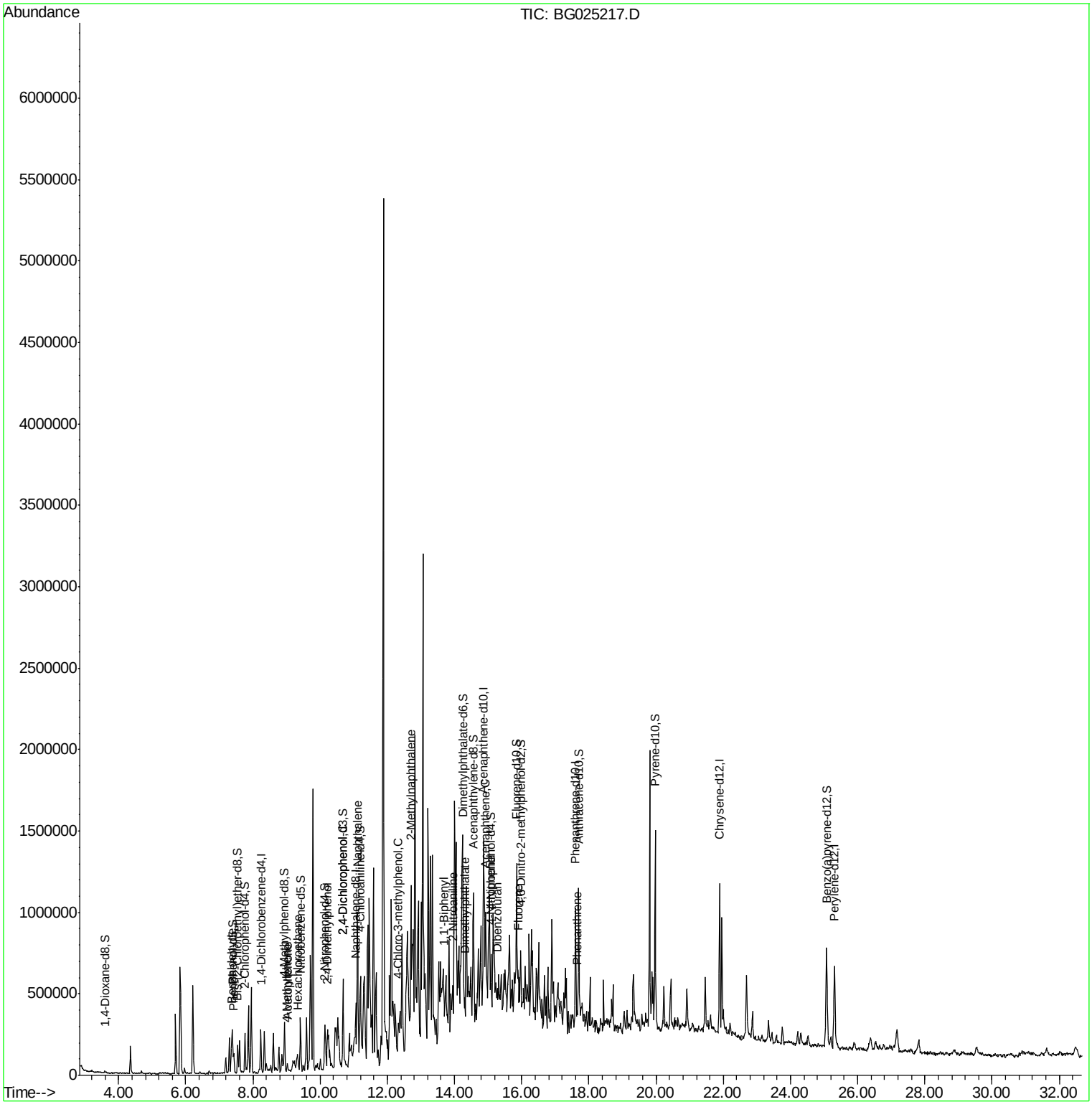
(#) = qualifier out of range (m) = manual integration (+) = signals summed

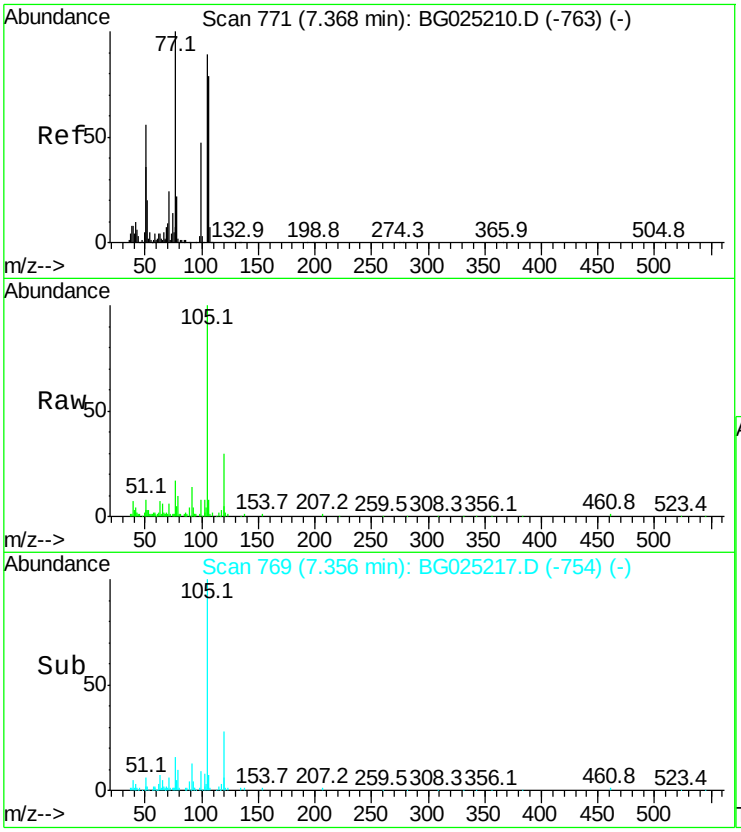
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 16 03:28:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:23:37 2016
Response via : Initial Calibration



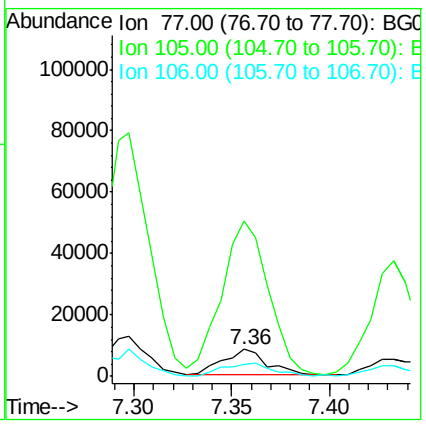


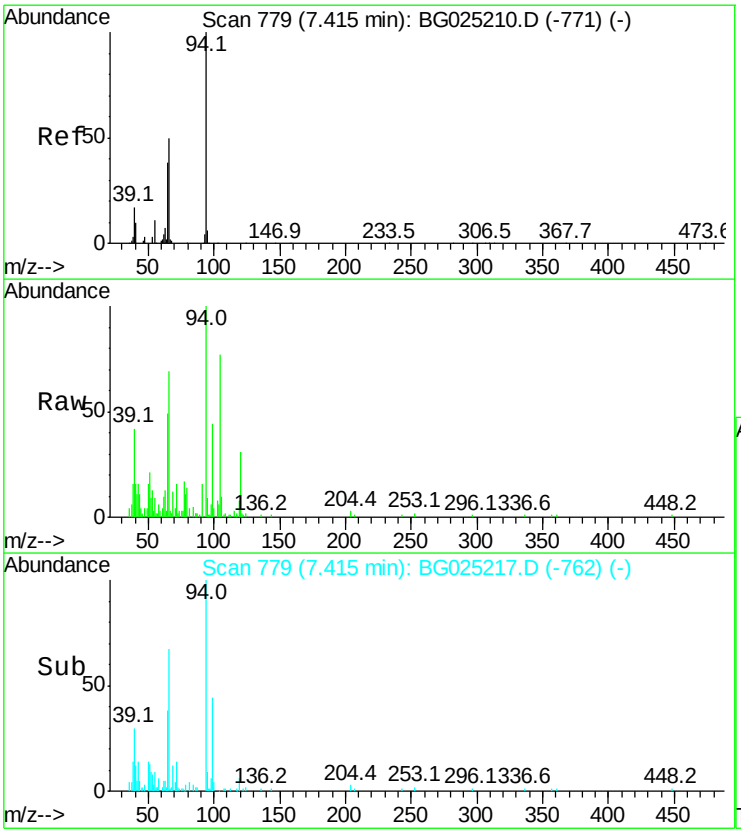
#4
Benzaldehyde
Concen: 3.10 ng/ul
RT: 7.36 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 13224

Ion	Ratio	Lower	Upper
77	100		
105	579.6	62.0	93.0#
106	43.6	60.2	90.4#

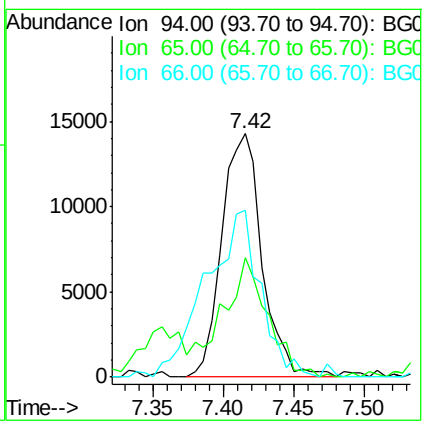


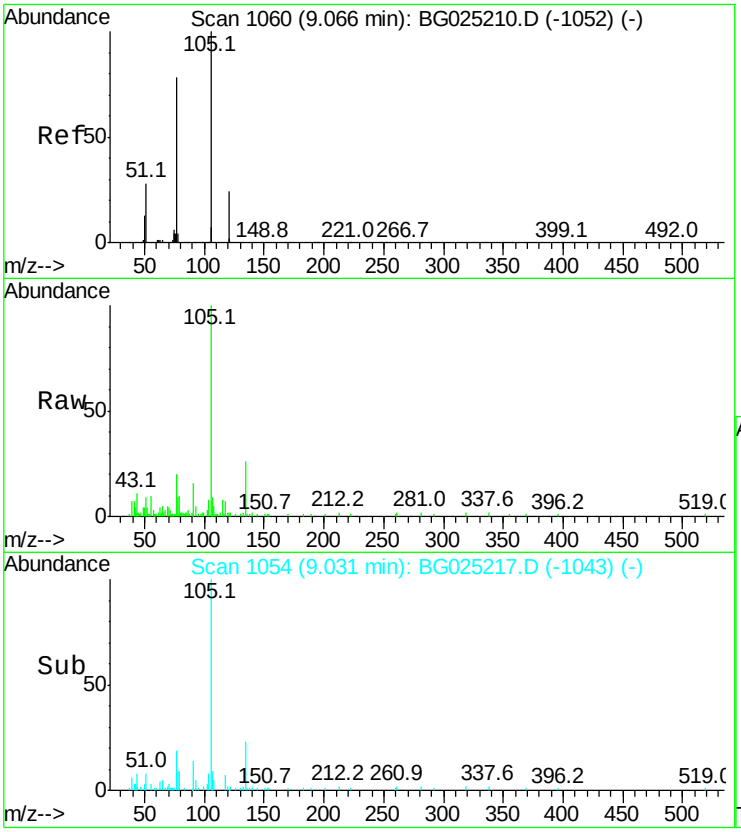


#6
Phenol
Concen: 4.85 ng/ul
RT: 7.42 min Scan# 779
Delta R.T. -0.00 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Tgt Ion: 94 Resp: 28249

Ion	Ratio	Lower	Upper
94	100		
65	49.1	26.8	40.2#
66	68.6	44.4	66.6#



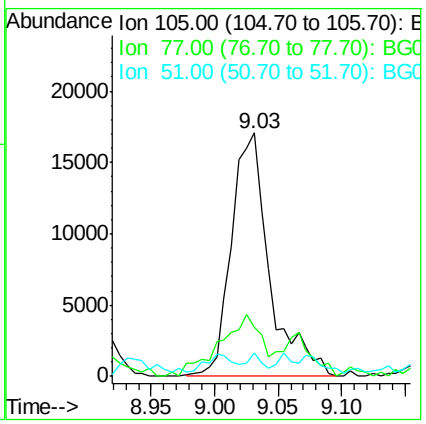


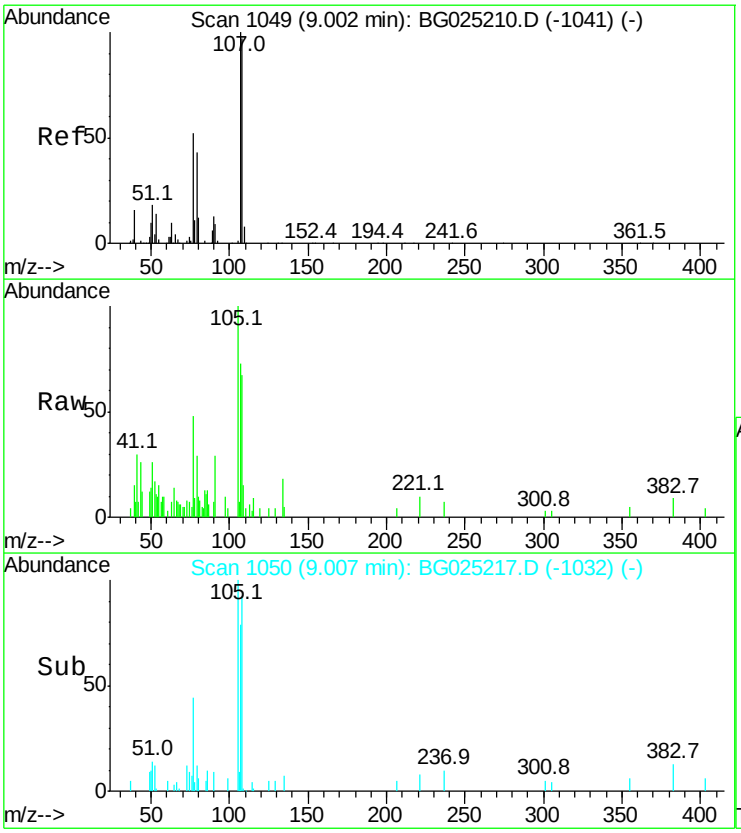
#14
Acetophenone
Concen: 4.95 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.04 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 35677

Ion	Ratio	Lower	Upper
105	100		
77	20.3	76.0	114.0#
51	9.4	34.8	52.2#

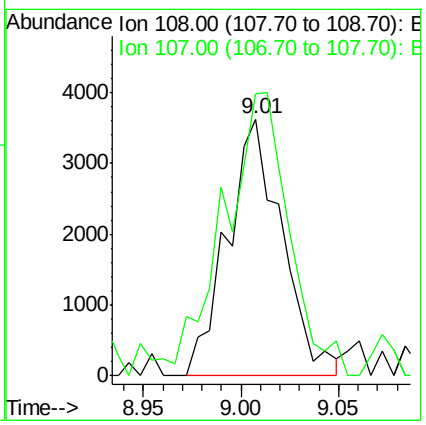


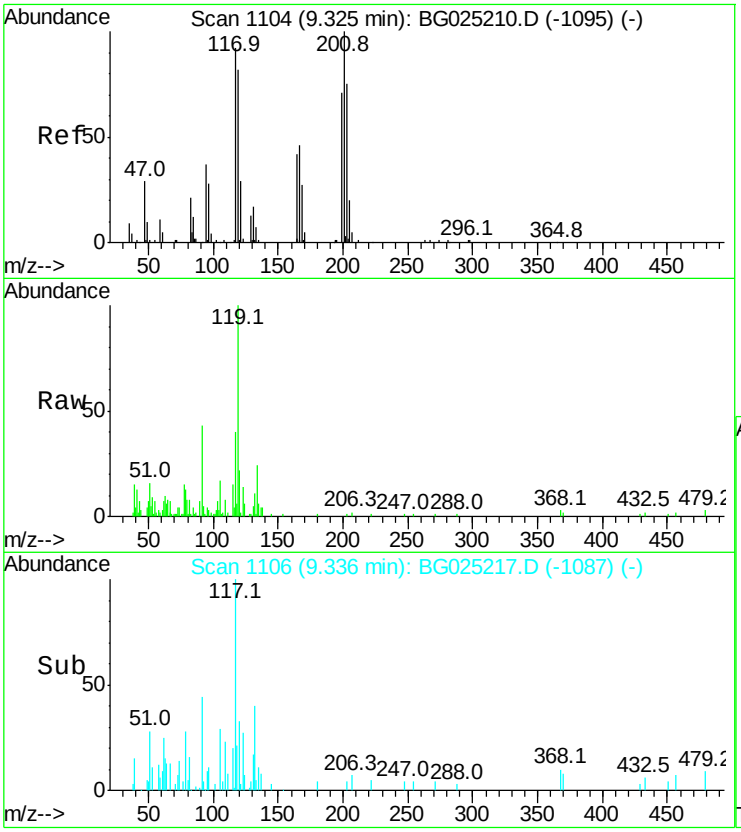


#16
4-Methylphenol
Concen: 1.47 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Tgt Ion:108 Resp: 7031

Ion	Ratio	Lower	Upper
108	100		
107	109.8	91.7	137.5



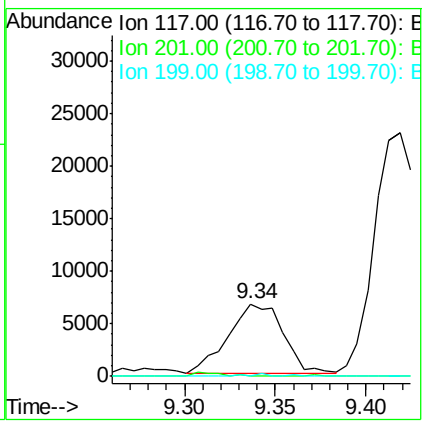


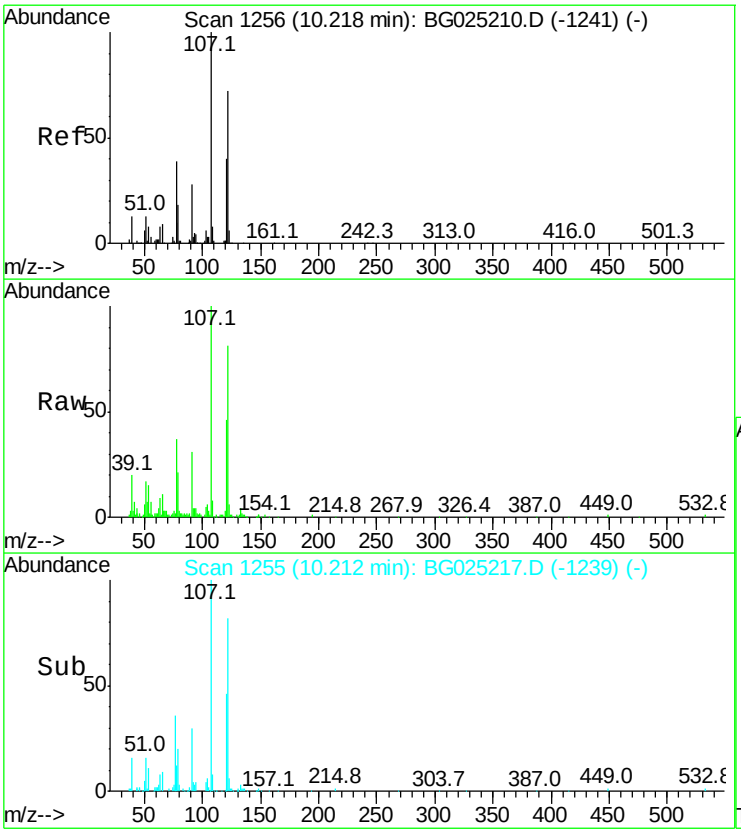
#17
Hexachloroethane
Concen: 7.92 ng/ul
RT: 9.34 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 13993

Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.9	137.9#
199	0.0	64.3	96.5#

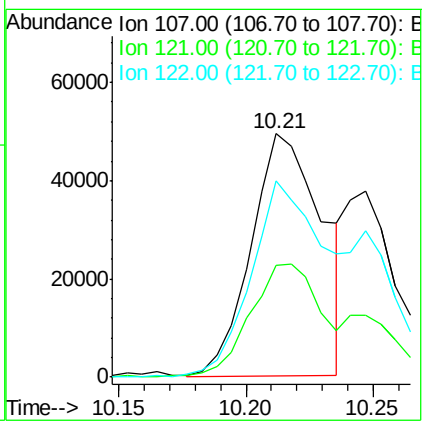


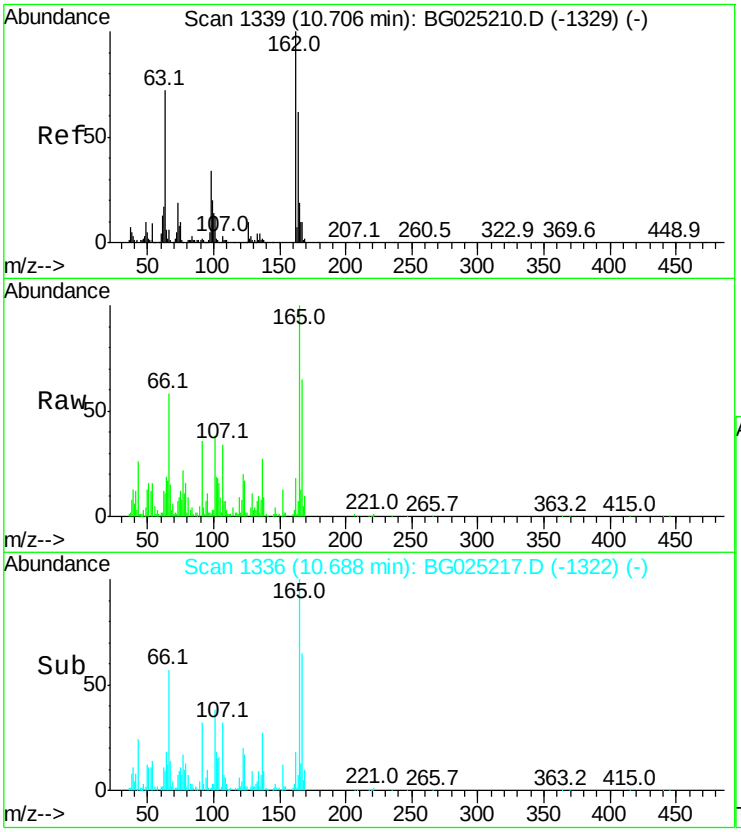


#24
2,4-Dimethylphenol
Concen: 16.70 ng/ul
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Tgt Ion:107 Resp: 96494

Ion	Ratio	Lower	Upper
107	100		
121	45.7	32.3	48.5
122	80.6	61.2	91.8



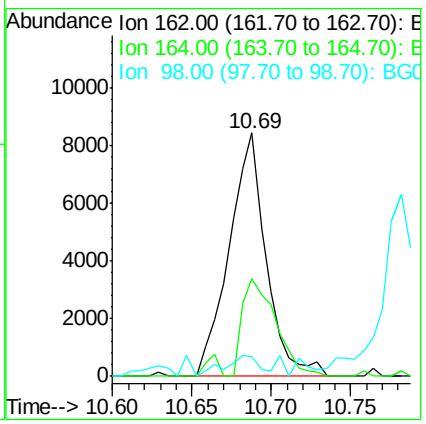


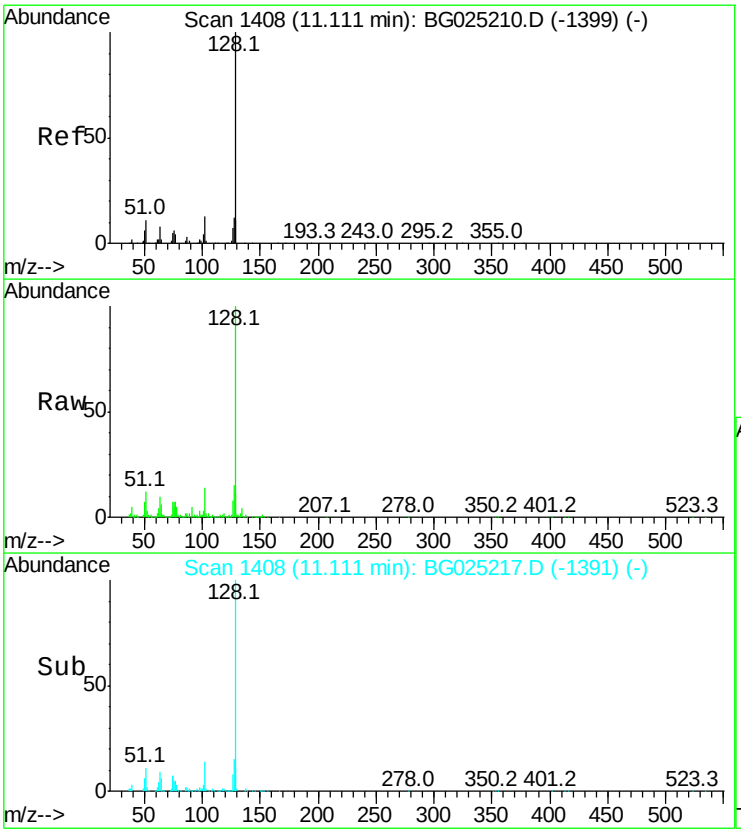
#27
2,4-Dichlorophenol
Concen: 2.94 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 13685

Ion	Ratio	Lower	Upper
162	100		
164	39.9	50.8	76.2#
98	7.8	32.1	48.1#

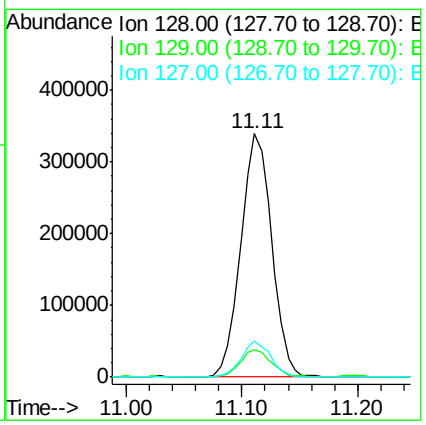


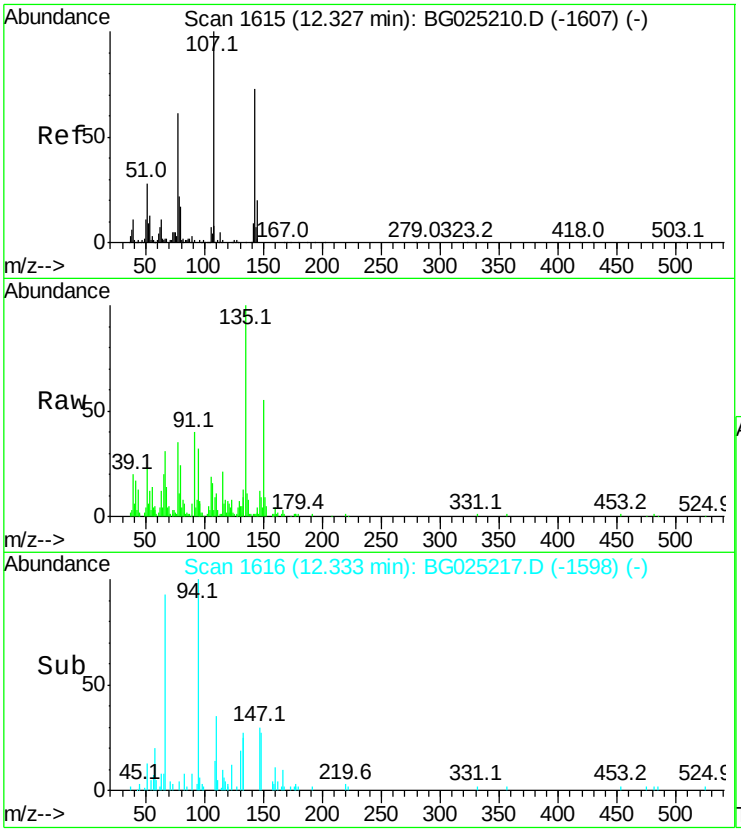


#28
Naphthalene
Concen: 48.13 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Tgt Ion:128 Resp: 631384

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	14.9	10.3	15.5



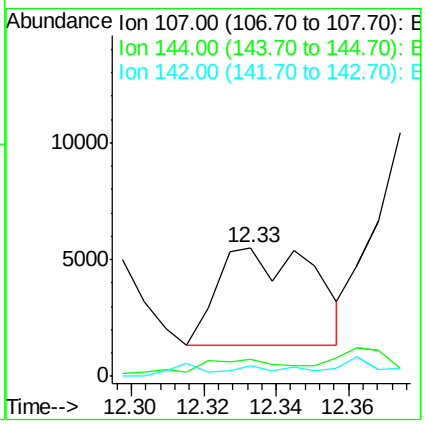


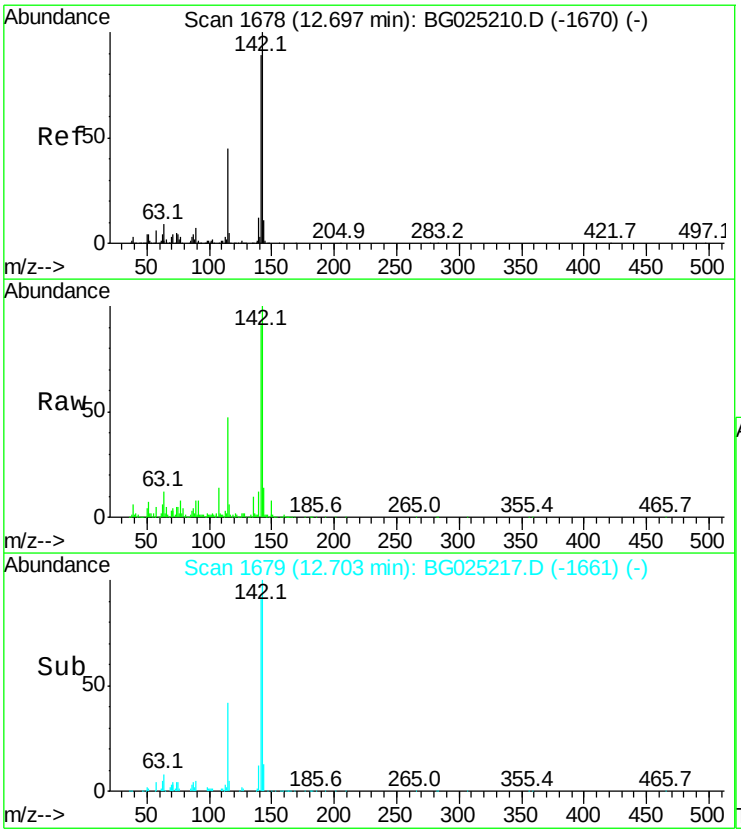
#33
4-Chloro-3-methylphenol
Concen: 1.34 ng/ul
RT: 12.33 min Scan# 1616
Delta R.T. 0.01 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 7711

Ion	Ratio	Lower	Upper
107	100		
144	13.0	18.2	27.4#
142	7.8	55.0	82.4#

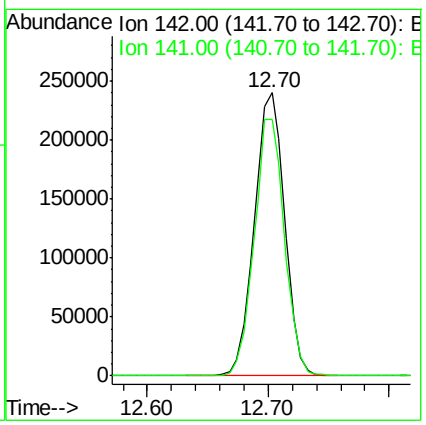


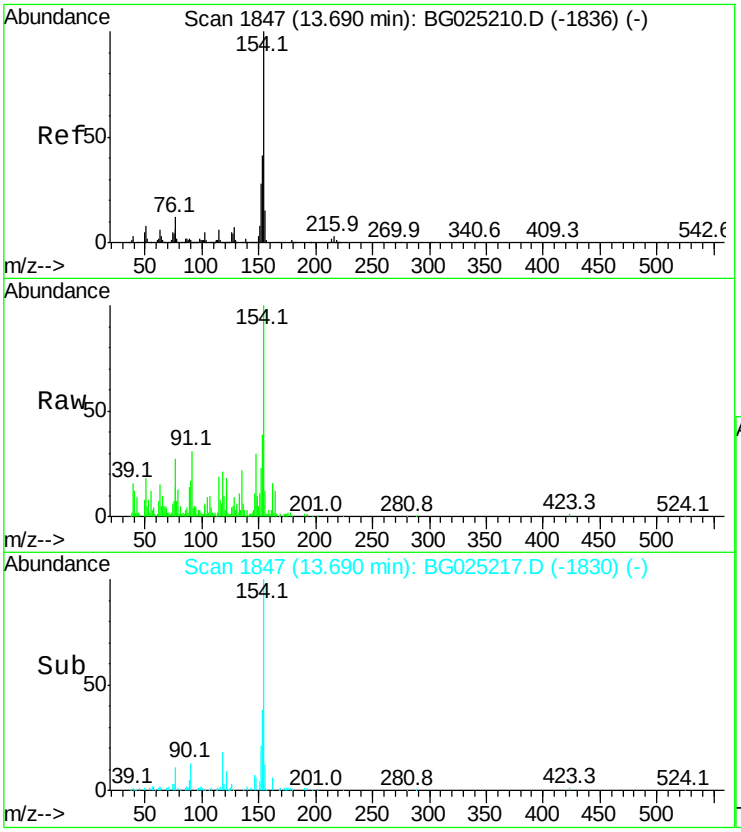


#34
2-Methylnaphthalene
Concen: 40.25 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.01 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Tgt Ion:142 Resp: 416698

Ion	Ratio	Lower	Upper
142	100		
141	90.6	68.6	102.8



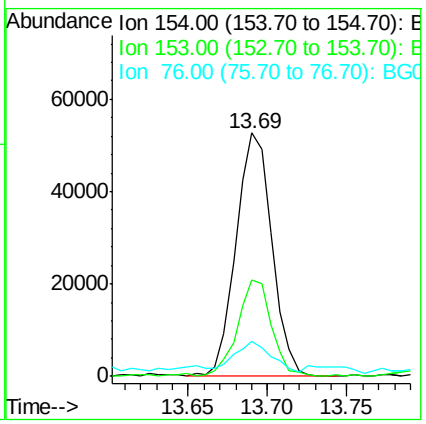


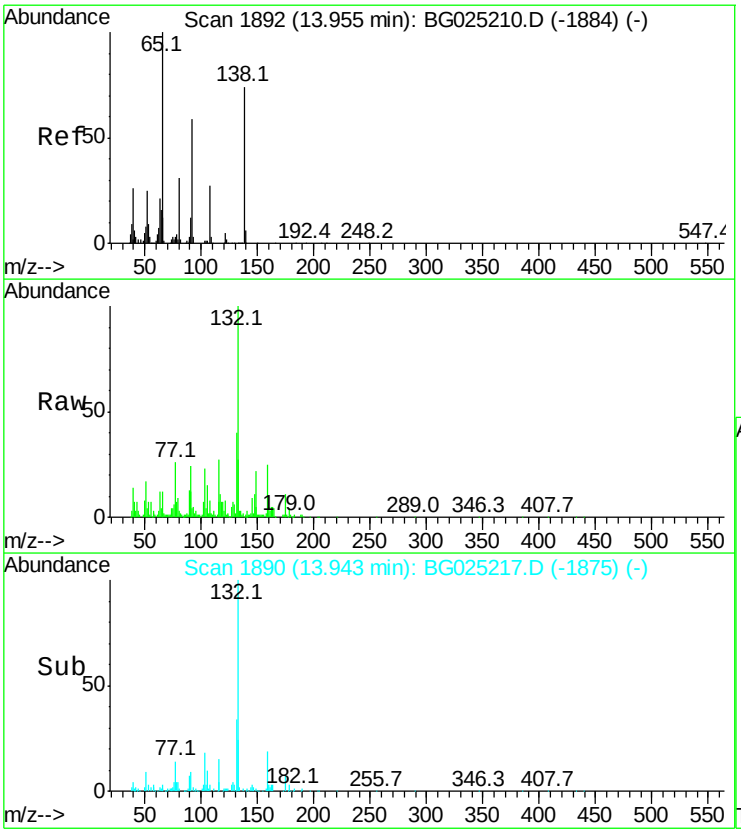
#40
1,1'-Biphenyl
Concen: 5.90 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 82647

Ion	Ratio	Lower	Upper
154	100		
153	39.4	32.2	48.2
76	14.4	9.6	14.4

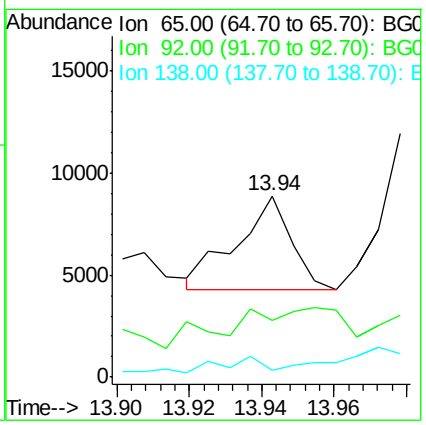


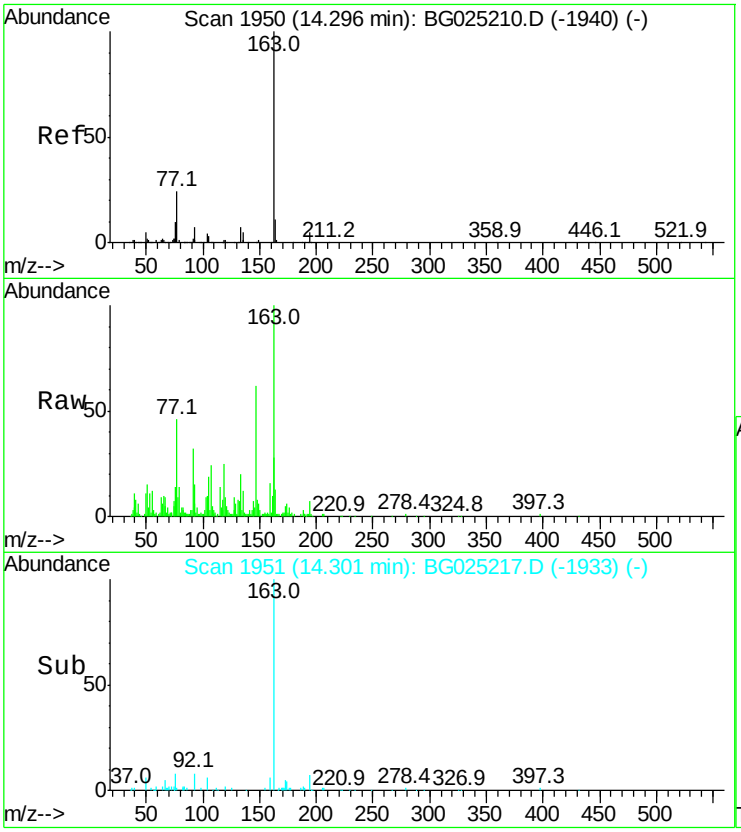


#42
2-Nitroaniline
Concen: 1.09 ng/ul
RT: 13.94 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Tgt Ion: 65 Resp: 4779

Ion	Ratio	Lower	Upper
65	100		
92	31.4	50.9	76.3#
138	3.9	61.8	92.6#



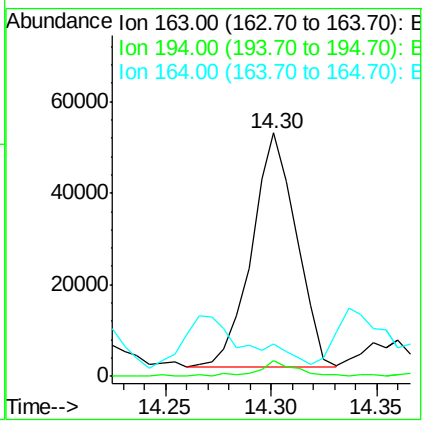


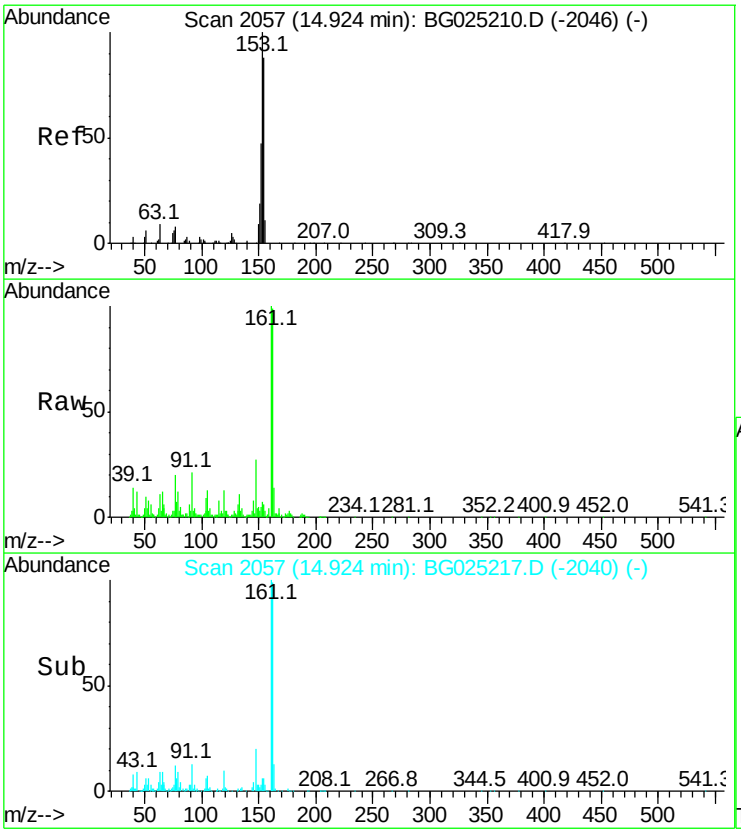
#44
Dimethylphthalate
Concen: 4.80 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 75047

Ion	Ratio	Lower	Upper
163	100		
194	6.7	3.4	5.0#
164	13.1	9.0	13.4

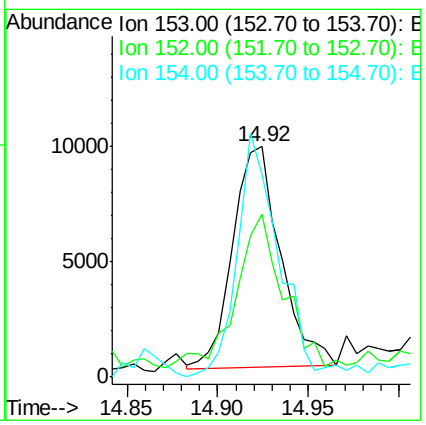


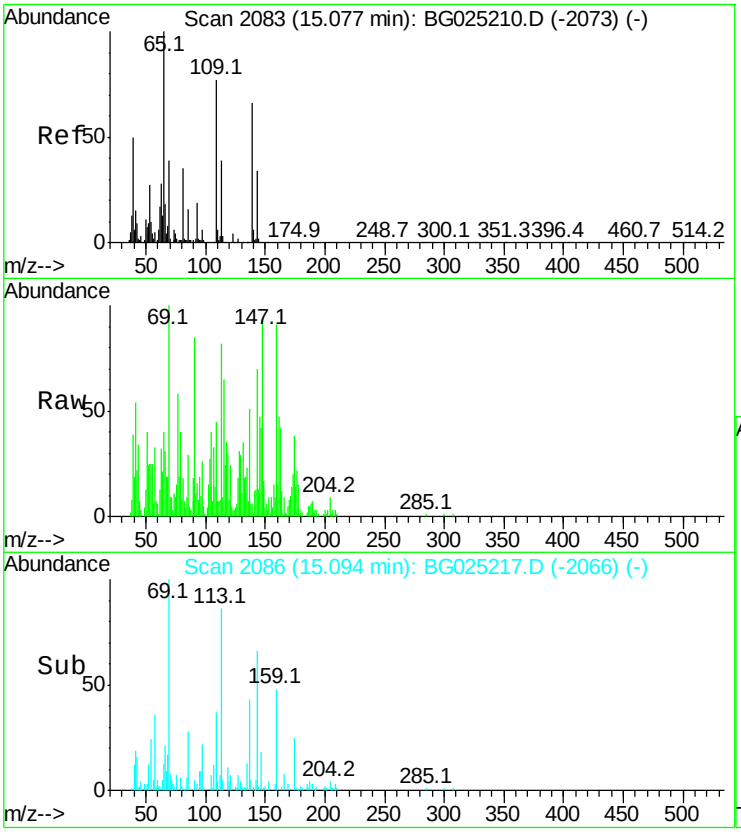


#49
Acenaphthene
Concen: 1.52 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Tgt Ion:153 Resp: 17612

Ion	Ratio	Lower	Upper
153	100		
152	71.0	36.5	54.7#
154	87.7	72.3	108.5



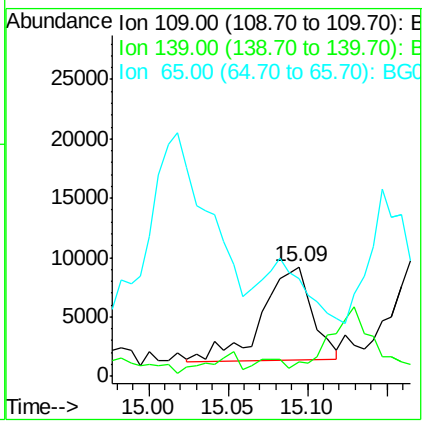


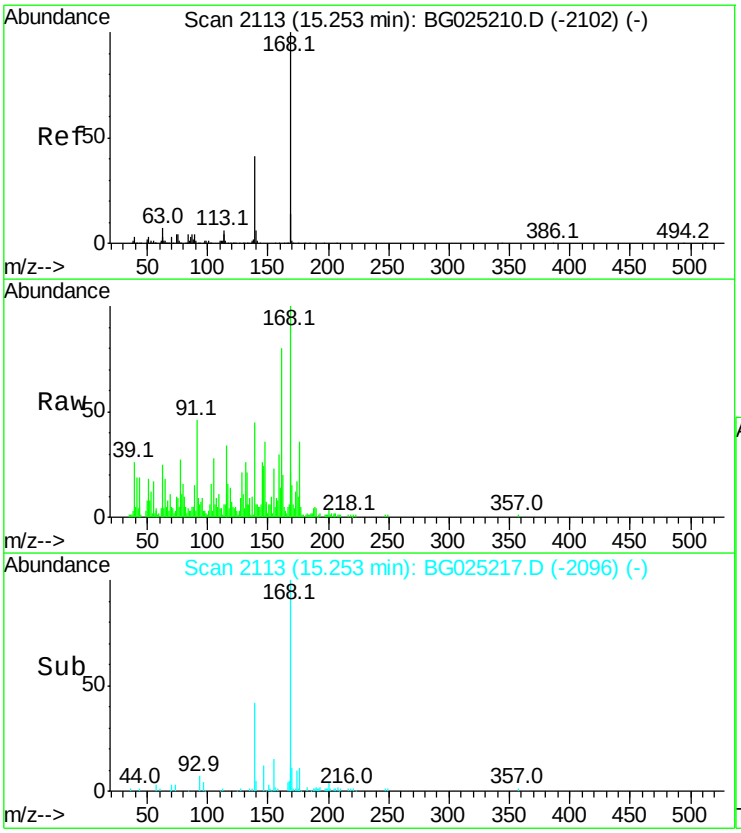
#52
4-Nitrophenol
Concen: 5.30 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. 0.02 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:109 Resp: 17426

Ion	Ratio	Lower	Upper
109	100		
139	13.2	62.6	93.8#
65	89.1	90.4	135.6#

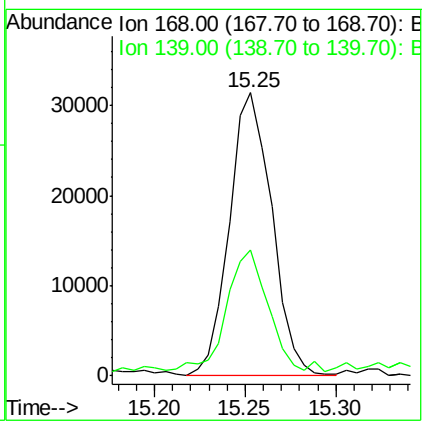


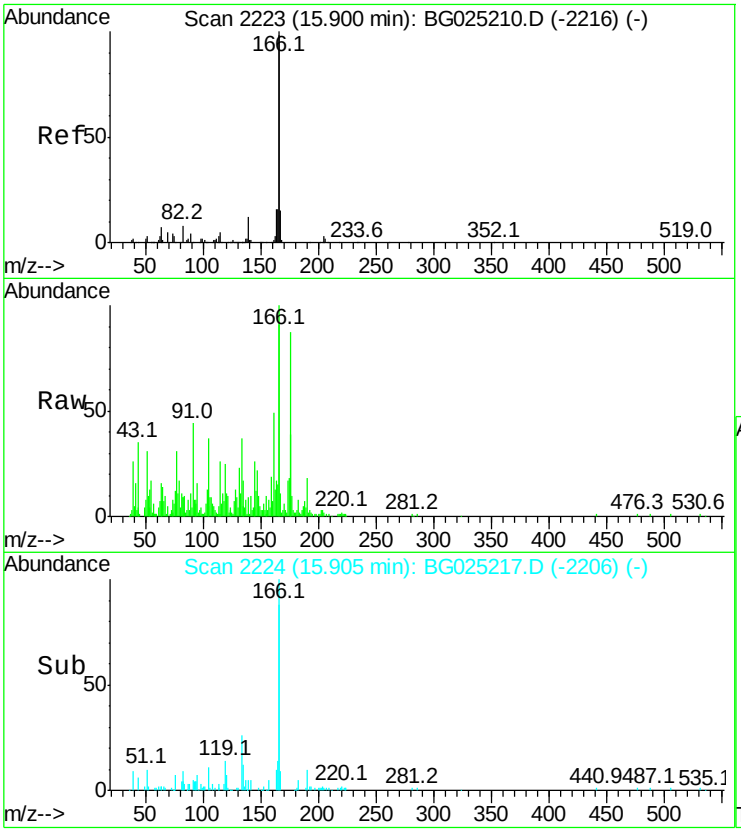


#53
Dibenzofuran
Concen: 2.79 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Tgt Ion:168 Resp: 51236

Ion	Ratio	Lower	Upper
168	100		
139	44.5	33.8	50.8



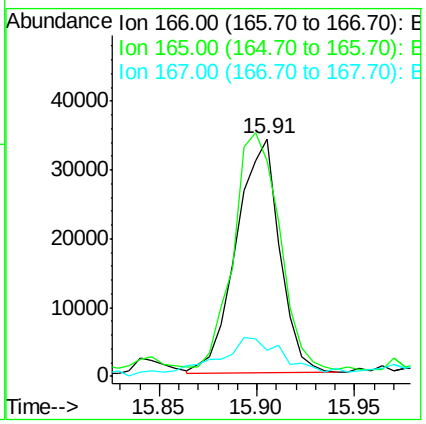


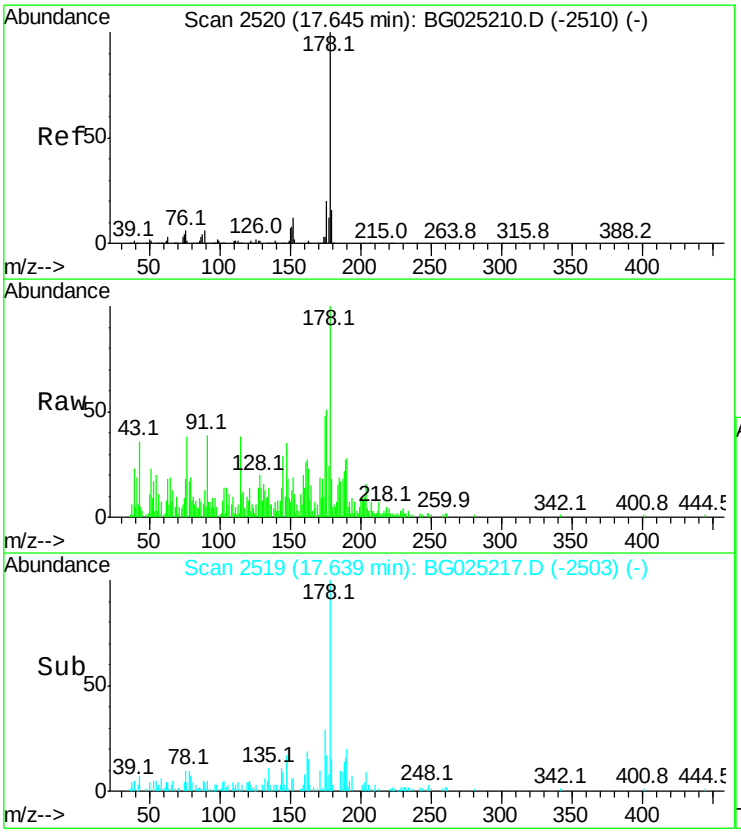
#58
Fluorene
Concen: 3.49 ng/ul
RT: 15.91 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 52053

Ion	Ratio	Lower	Upper
166	100		
165	90.7	79.7	119.5
167	11.1	11.4	17.2#





#69
Phenanthrene
Concen: 1.43 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG025217.D
Acq: 15 Dec 2016 18:38

Tgt Ion:178 Resp: 32369

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.4	18.6
176	50.8	16.5	24.7#