Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025190.D
Acq On : 15 Dec 2016 00:14
Operator : UM/SJ
Sample : H5938-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA831

Quant Time: Dec 15 04:03:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 03:57:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	82074	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	378445	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	297870	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	599345	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	728424	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	727513	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	13787	8.68	ng/uL	0.00
5) Phenol-d5	7.38	99	220939	31.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	145022	33.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	156056	31.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	191825	32.42	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	88880	33.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	99956	29.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	187723	29.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	199489	31.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	615336	30.03	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	715772	31.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	111954	31.79	ng/ul	0.00
57) Fluorene-d10	15.85	176	618568	32.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	106692	28.79	ng/ul	0.00
70) Anthracene-d10	17.70	188	822900	32.53	ng/ul	0.00
76) Pyrene-d10	19.98	212	897716	29.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	903701	30.66	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	17366	3.26	ng/ul#	1
6) Phenol	7.41	94	104986	14.45	ng/ul	98
11) 2-Methylphenol	8.68	108	116138	21.70	ng/ul	90
14) Acetophenone	9.02	105	94761	10.52	ng/ul#	1
16) 4-Methylphenol	9.01	108	597710	100.40	ng/ul	90
17) Hexachloroethane	9.34	117	26992	12.24	ng/ul#	1
20) Nitrobenzene	9.42	77	9877	1.20	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	344476	44.45	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.49	93	54223	6.83	ng/ul#	1
27) 2,4-Dichlorophenol	10.69	162	51982	8.33	ng/ul#	39
28) Naphthalene	11.12	128	677001	38.48	ng/ul	97
34) 2-Methylnaphthalene	12.71	142	892237	64.27	ng/ul	93
40) 1,1'-Biphenyl	13.69	154	204580	11.33	ng/ul	97
44) Dimethylphthalate	14.30	163	433382	21.52	ng/ul	100
49) Acenaphthene	14.93	153	51732	3.46	ng/ul#	71
53) Dibenzofuran	15.26	168	135027	5.71	ng/ul	95
54) 2,4-Dinitrotoluene	15.25	165	10061	1.54	ng/ul#	1
58) Fluorene	15.90	166	143627	7.46	ng/ul#	95
64) N-Nitrosodiphenylamine	16.11	169	24217	1.57	ng/ul#	71
69) Phenanthrene	17.64	178	77335	2.70	ng/ul#	91

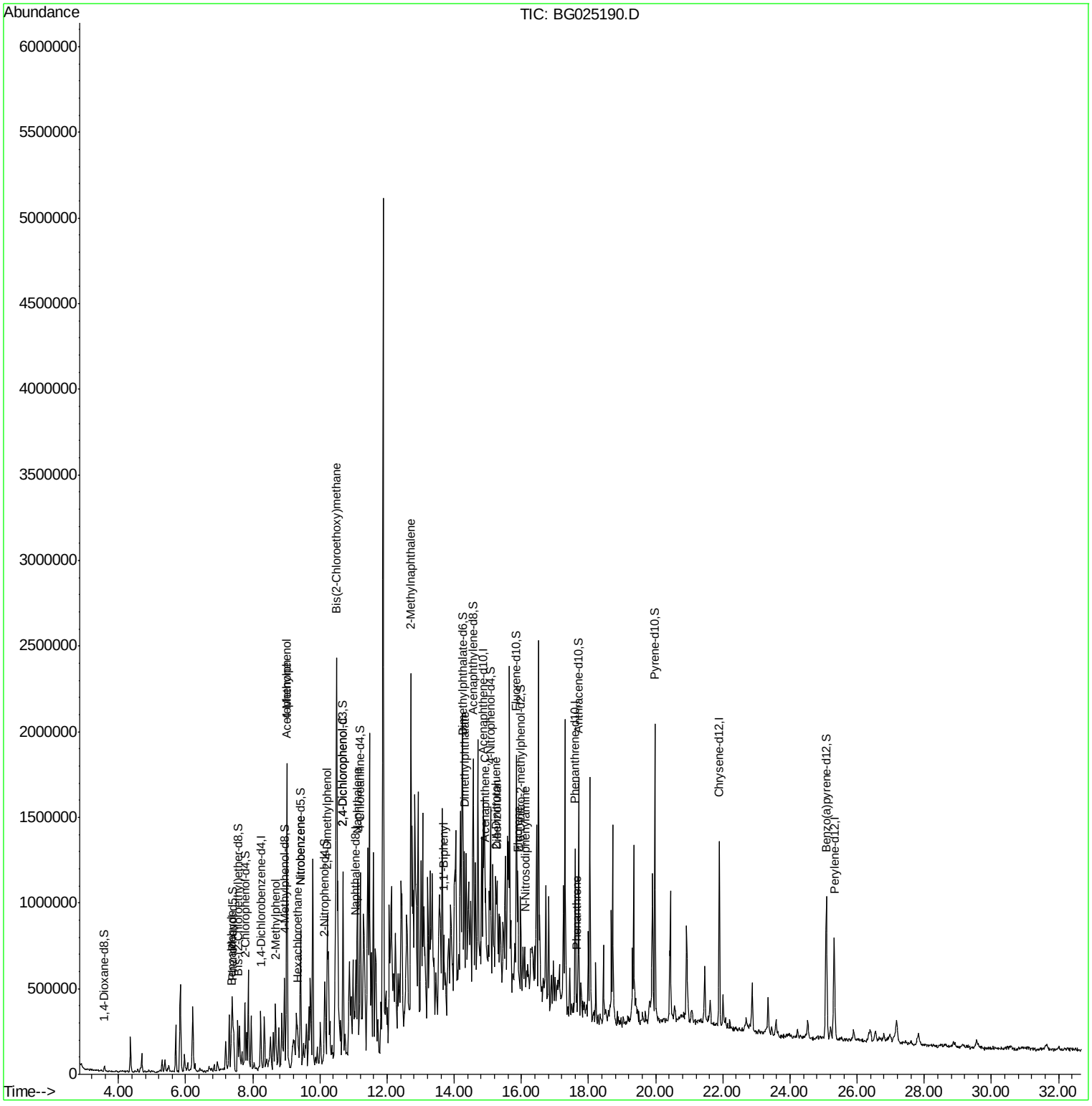
(#) = qualifier out of range (m) = manual integration (+) = signals summed

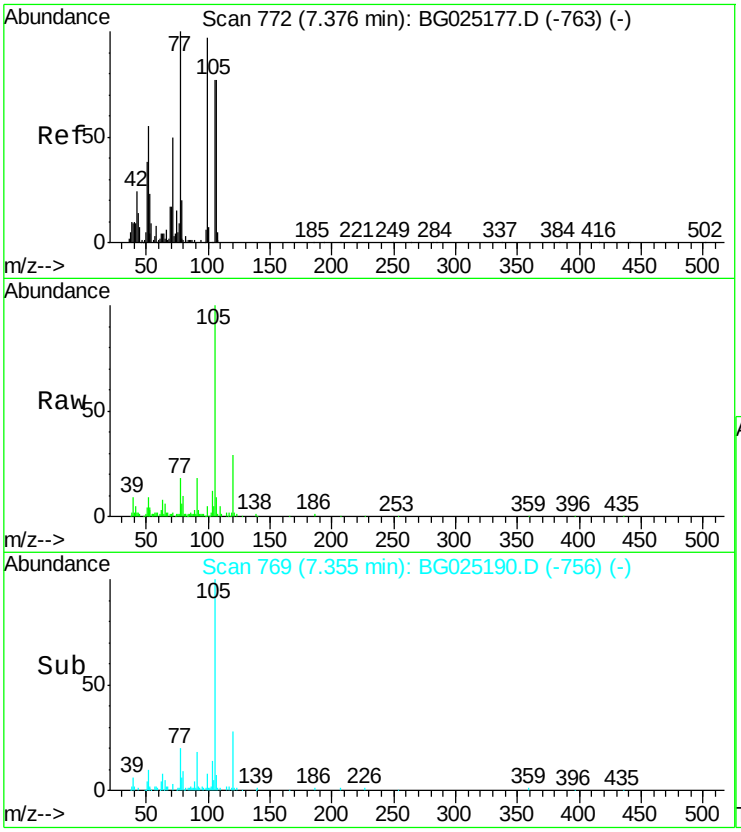
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025190.D
Acq On : 15 Dec 2016 00:14
Operator : UM/SJ
Sample : H5938-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA831

Quant Time: Dec 15 04:03:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 03:57:23 2016
Response via : Initial Calibration



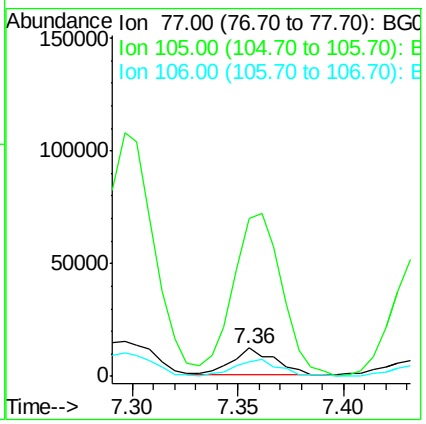


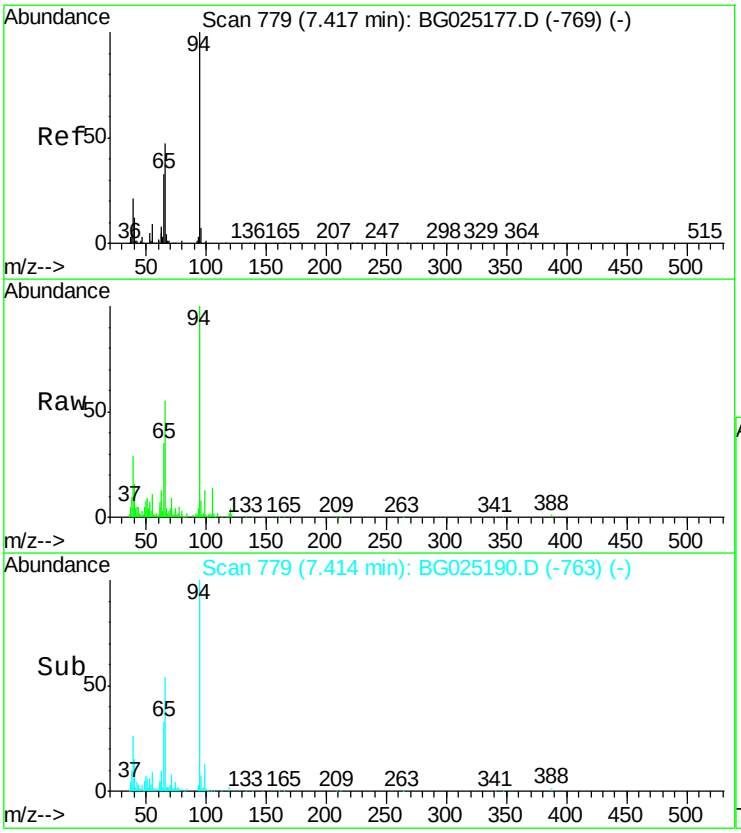
#4
Benzaldehyde
Concen: 3.26 ng/ul
RT: 7.36 min Scan# 769
Delta R.T. -0.02 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tgt Ion: 77 Resp: 17366

Ion	Ratio	Lower	Upper
77	100		
105	560.3	62.0	93.0#
106	50.5	60.2	90.4#

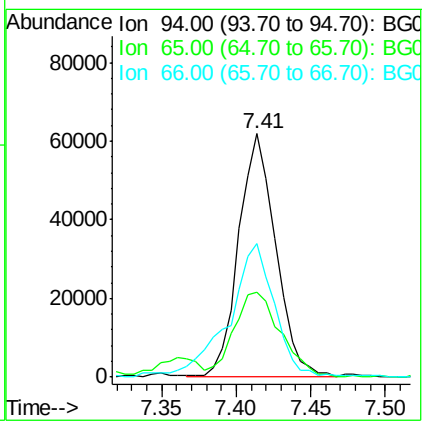


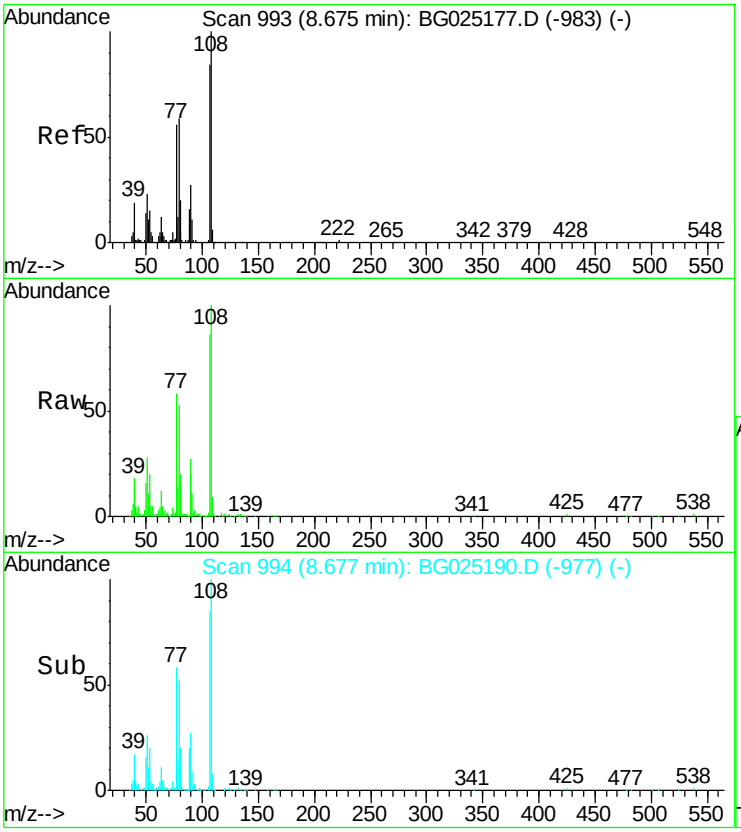


#6
Phenol
Concen: 14.45 ng/ul
RT: 7.41 min Scan# 779
Delta R.T. -0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion: 94 Resp: 104986

Ion	Ratio	Lower	Upper
94	100		
65	35.1	26.8	40.2
66	54.6	44.4	66.6



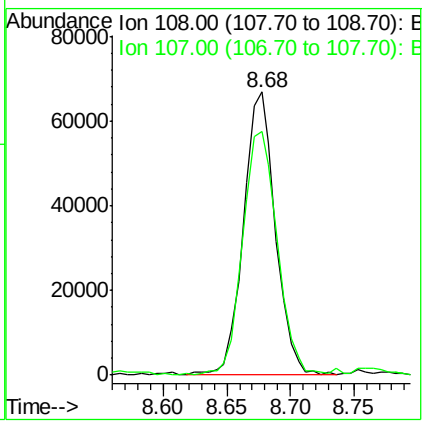


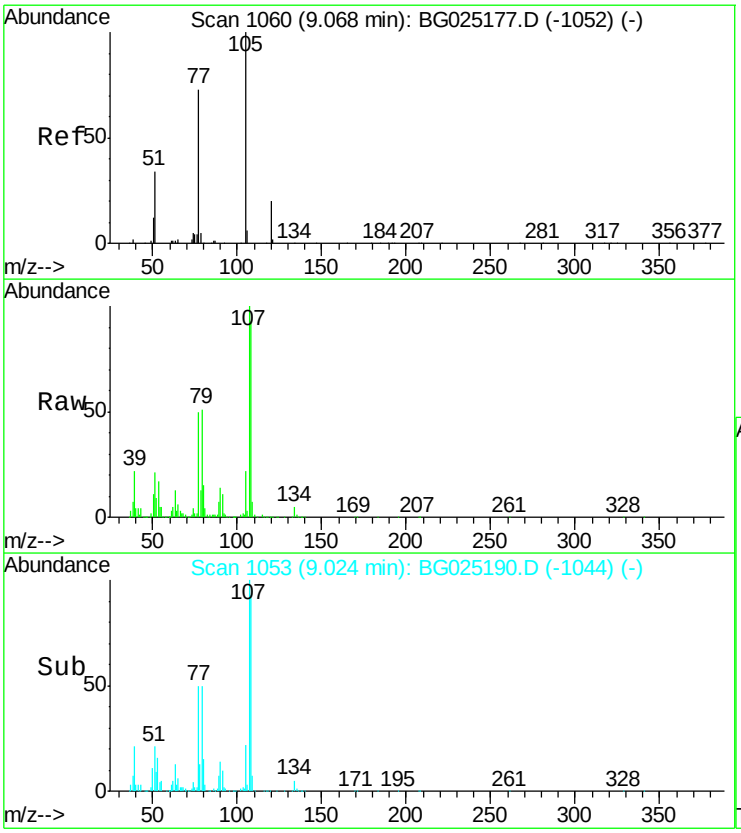
#11
2-Methylphenol
Concen: 21.70 ng/ul
RT: 8.68 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tgt Ion:108 Resp: 116138

Ion	Ratio	Lower	Upper
108	100		
107	86.3	76.7	115.1

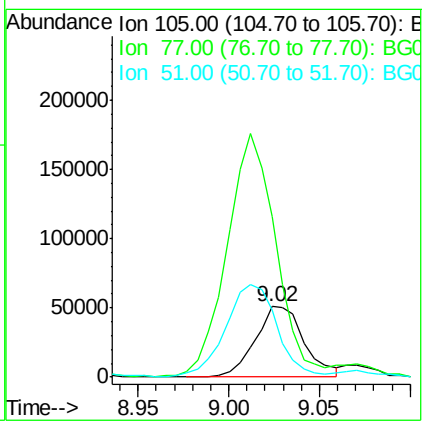


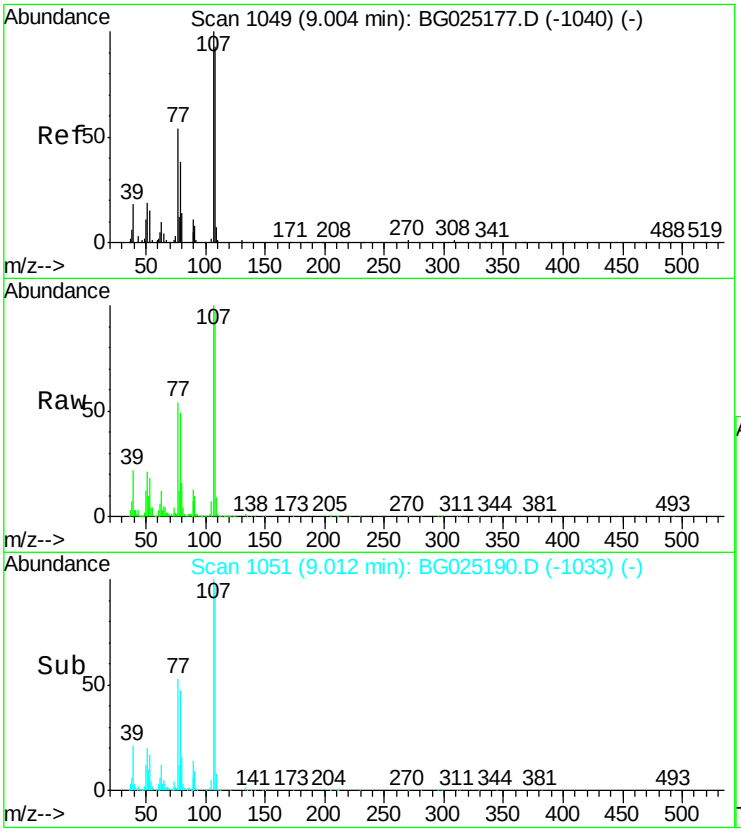


#14
Acetophenone
Concen: 10.52 ng/ul
RT: 9.02 min Scan# 1053
Delta R.T. -0.04 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion:105 Resp: 94761

Ion	Ratio	Lower	Upper
105	100		
77	226.4	76.0	114.0#
51	94.9	34.8	52.2#



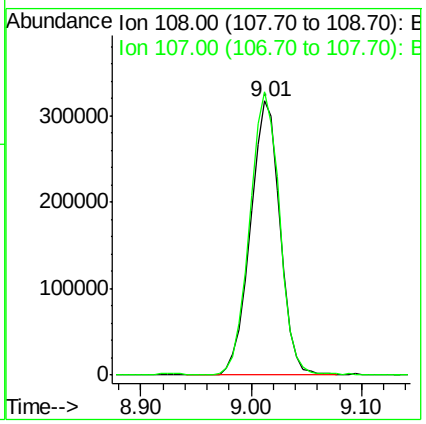


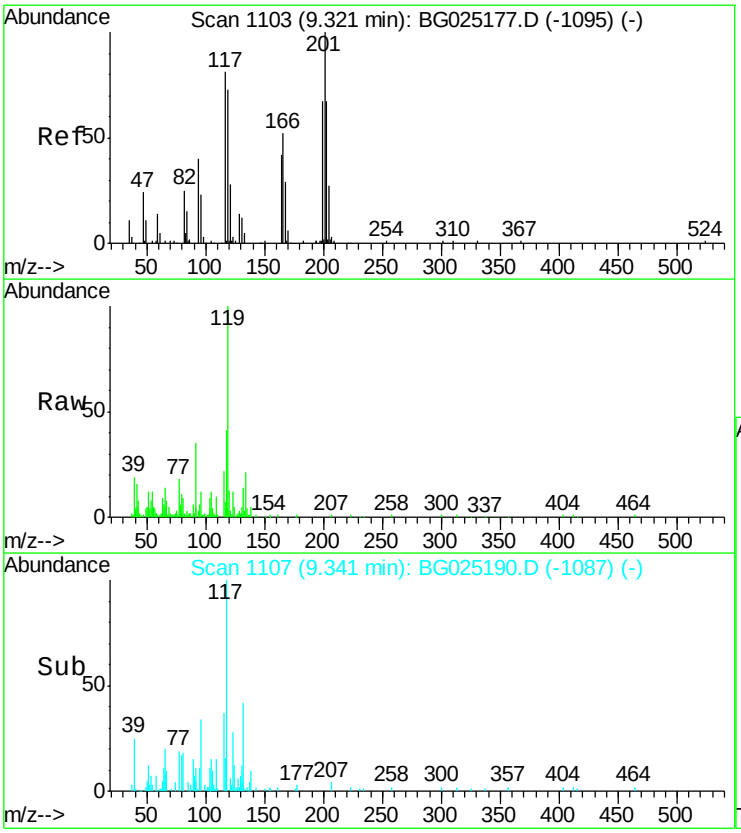
#16
4-Methylphenol
Concen: 100.40 ng/ul
RT: 9.01 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tgt Ion:108 Resp: 597710

Ion	Ratio	Lower	Upper
108	100		
107	103.3	91.7	137.5

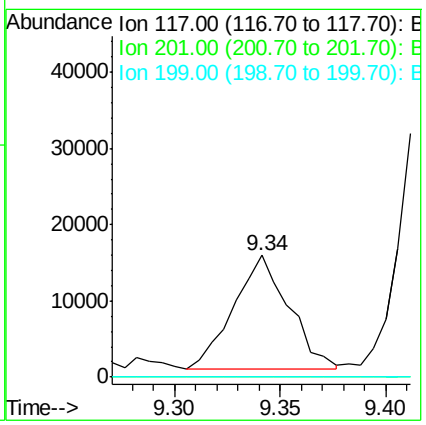


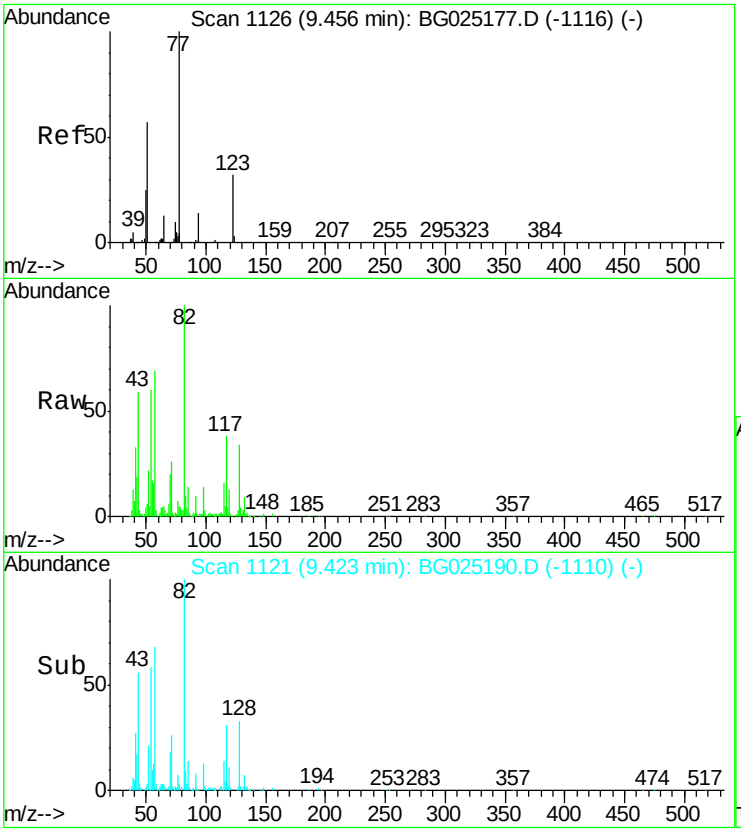


#17
Hexachloroethane
Concen: 12.24 ng/ul
RT: 9.34 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion:117 Resp: 26992

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



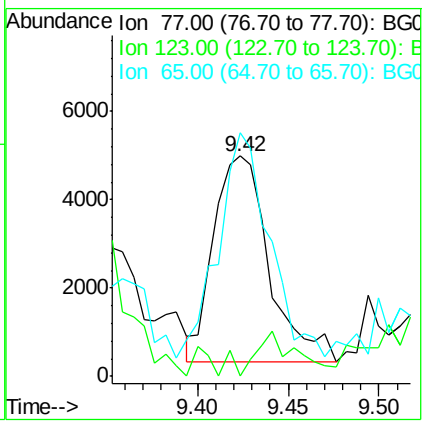


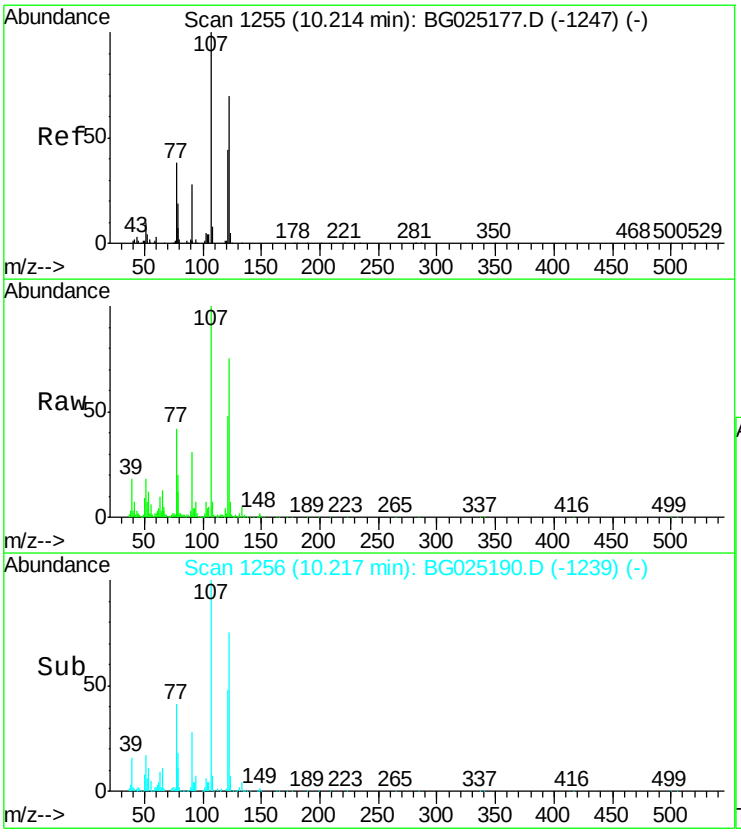
#20
Nitrobenzene
Concen: 1.20 ng/ul
RT: 9.42 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tgt Ion: 77 Resp: 9877

Ion	Ratio	Lower	Upper
77	100		
123	0.0	27.4	41.0#
65	110.5	13.3	19.9#

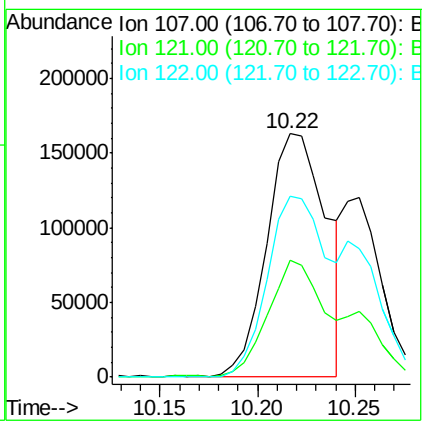


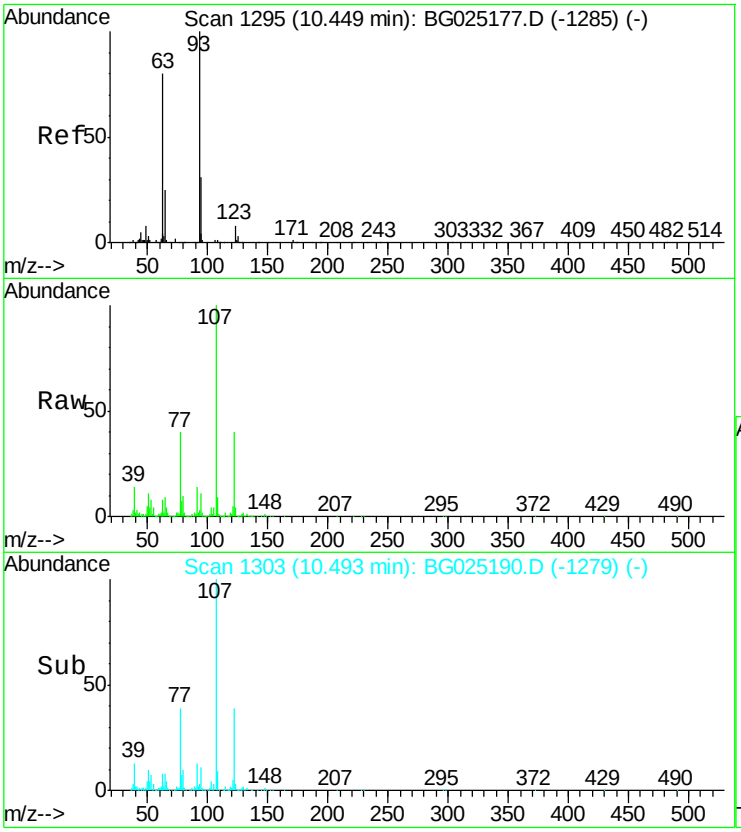


#24
2,4-Dimethylphenol
Concen: 44.45 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion:107 Resp: 344476

Ion	Ratio	Lower	Upper
107	100		
121	48.1	32.3	48.5
122	74.5	61.2	91.8



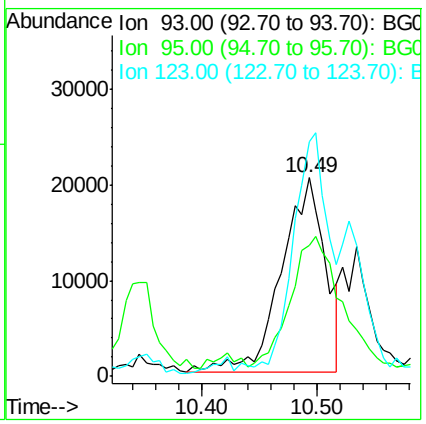


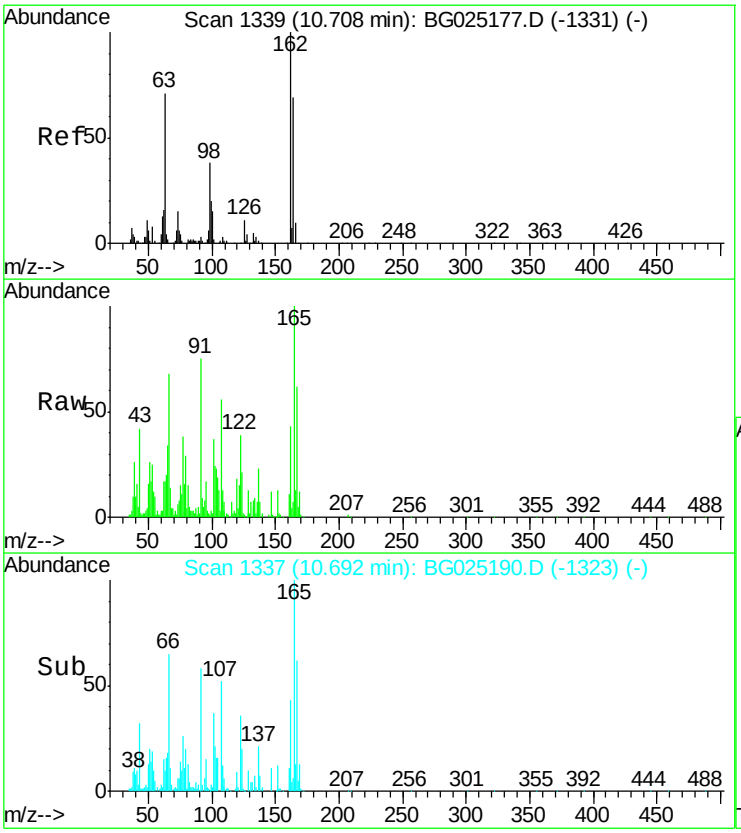
#25
Bis(2-Chloroethoxy)methane
Concen: 6.83 ng/ul
RT: 10.49 min Scan# 1303
Delta R.T. 0.04 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument : BNA_G
ClientSampleId : DA831

Tgt Ion: 93 Resp: 54223

Ion	Ratio	Lower	Upper
93	100		
95	66.3	23.4	35.0#
123	118.2	7.8	11.6#

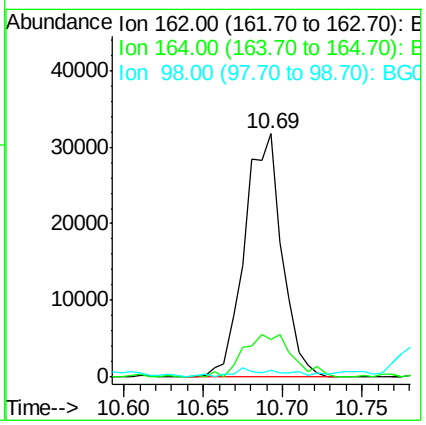


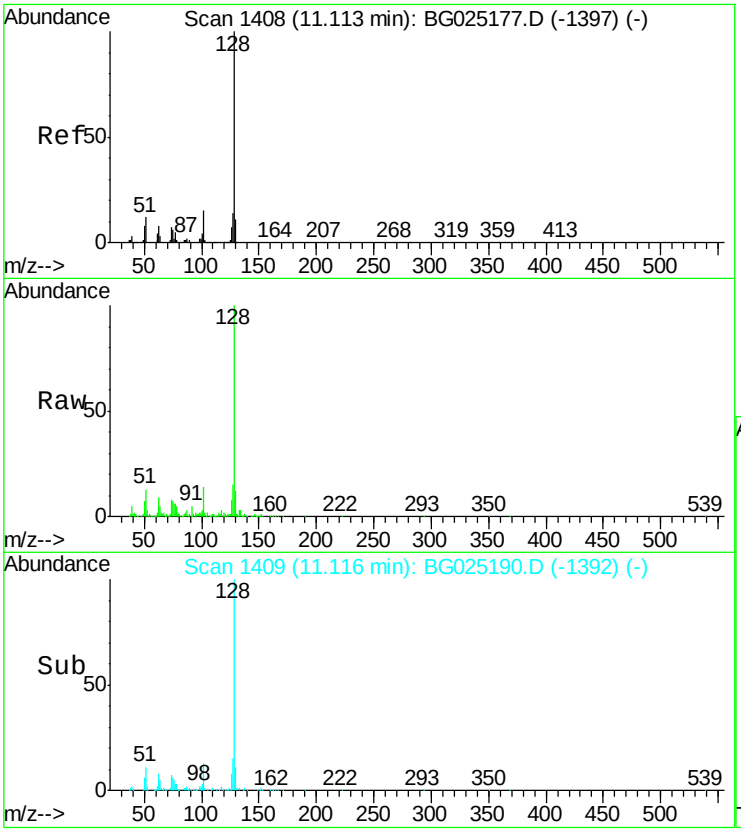


#27
2,4-Dichlorophenol
Concen: 8.33 ng/ul
RT: 10.69 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion:162 Resp: 51982

Ion	Ratio	Lower	Upper
162	100		
164	15.2	50.8	76.2#
98	2.6	32.1	48.1#



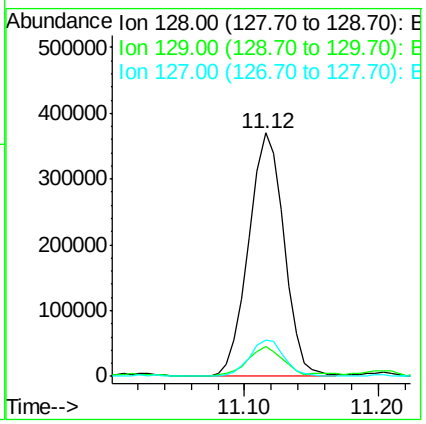


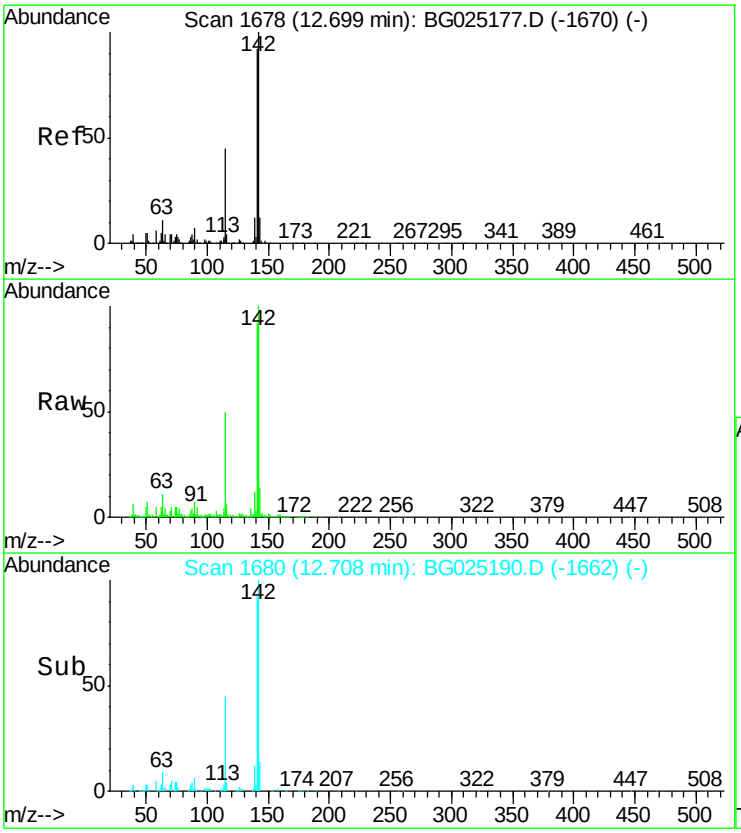
#28
Naphthalene
Concen: 38.48 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tgt Ion:128 Resp: 677001

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	14.9	10.3	15.5

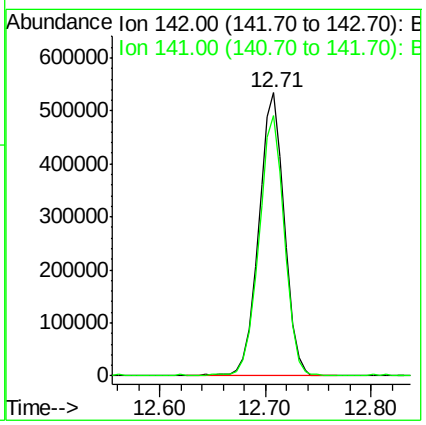


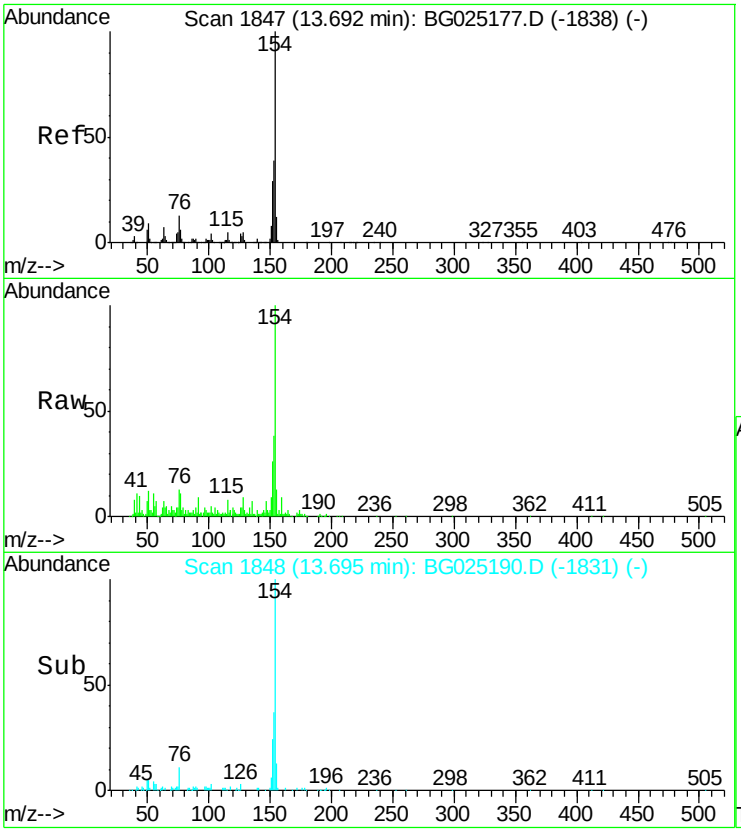


#34
2-Methylnaphthalene
Concen: 64.27 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.01 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion:142 Resp: 892237

Ion	Ratio	Lower	Upper
142	100		
141	92.0	68.6	102.8



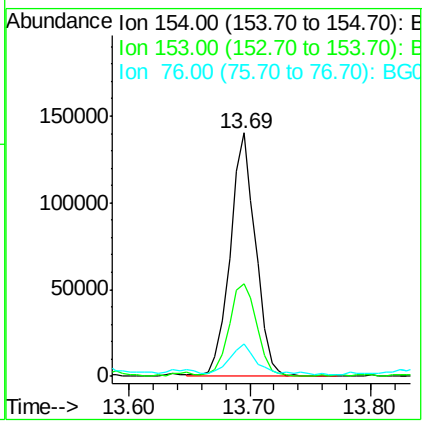


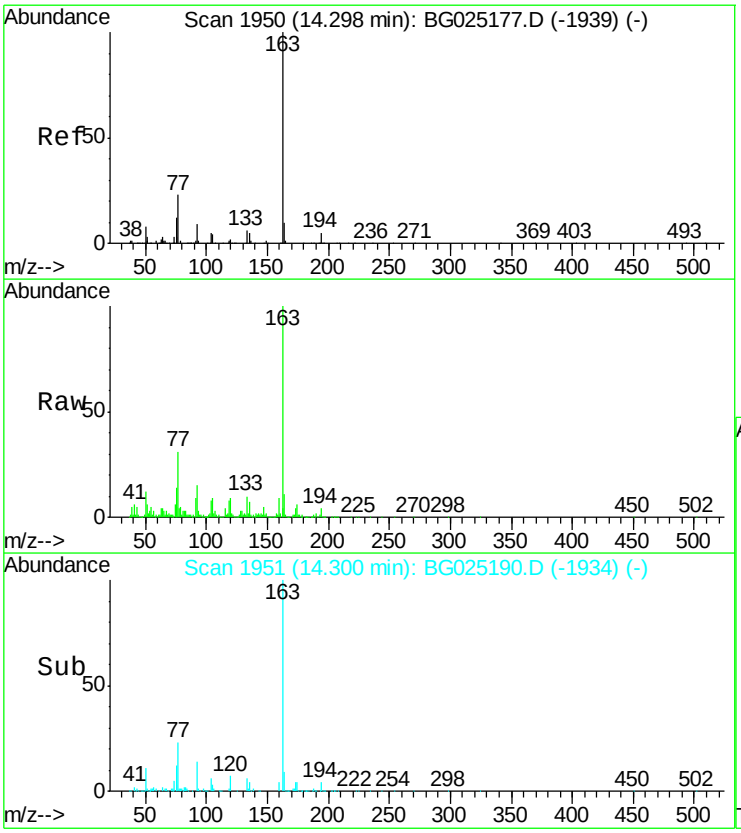
#40
1,1'-Biphenyl
Concen: 11.33 ng/ul
RT: 13.69 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tgt Ion:154 Resp: 204580

Ion	Ratio	Lower	Upper
154	100		
153	38.0	32.2	48.2
76	13.2	9.6	14.4

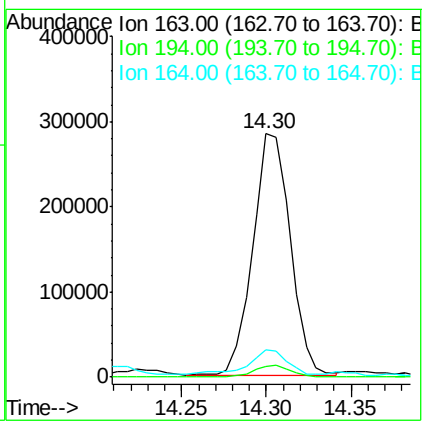


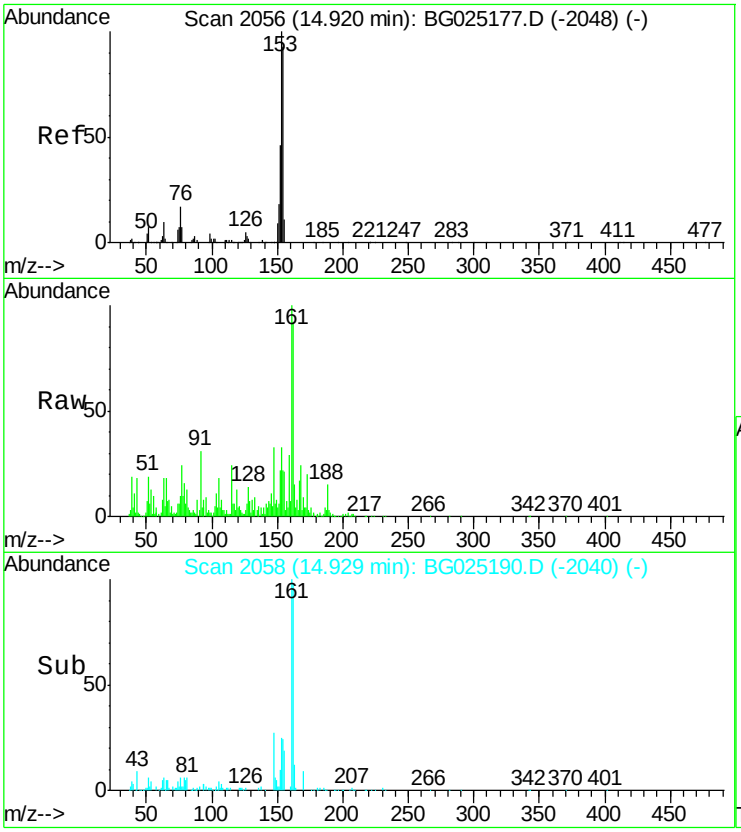


#44
Dimethylphthalate
Concen: 21.52 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion:163 Resp: 433382

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	11.1	9.0	13.4



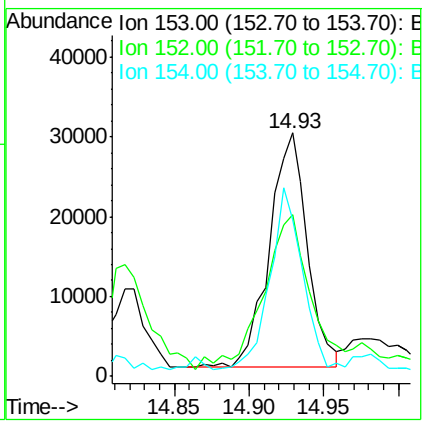


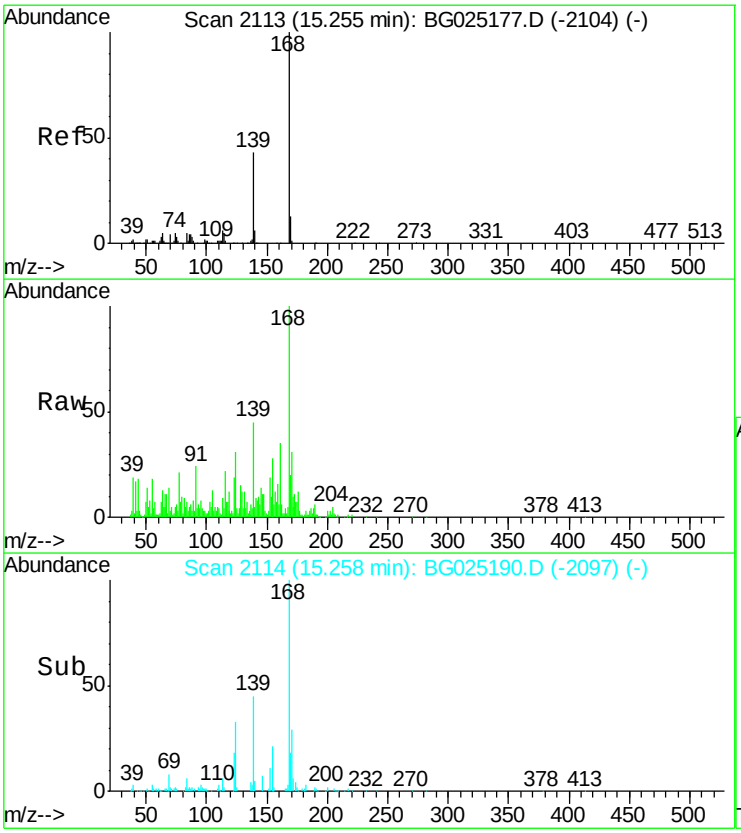
#49
Acenaphthene
Concen: 3.46 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tgt Ion:153 Resp: 51732

Ion	Ratio	Lower	Upper
153	100		
152	66.3	36.5	54.7#
154	64.4	72.3	108.5#

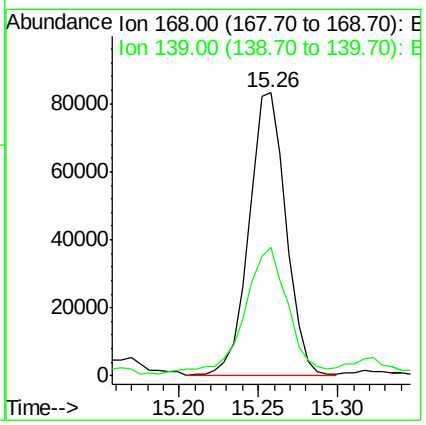


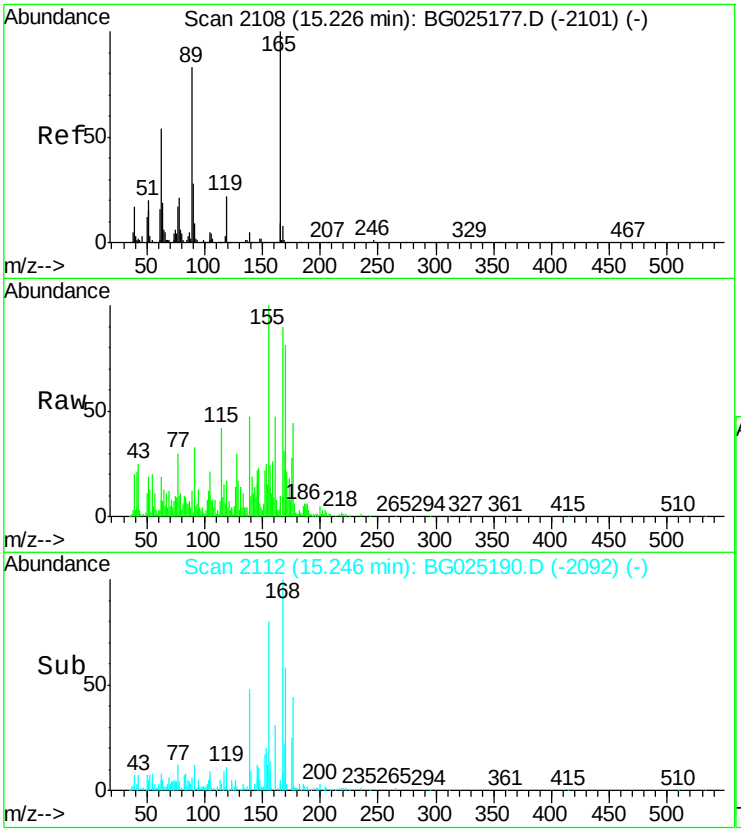


#53
Dibenzofuran
Concen: 5.71 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion:168 Resp: 135027

Ion	Ratio	Lower	Upper
168	100		
139	45.3	33.8	50.8



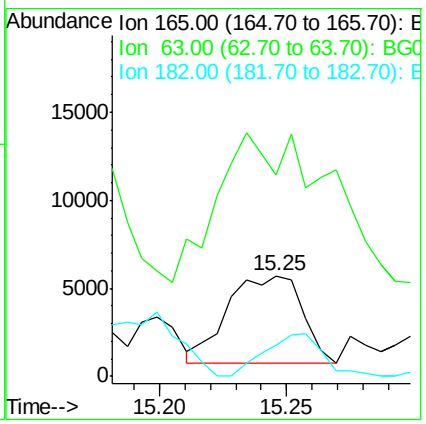


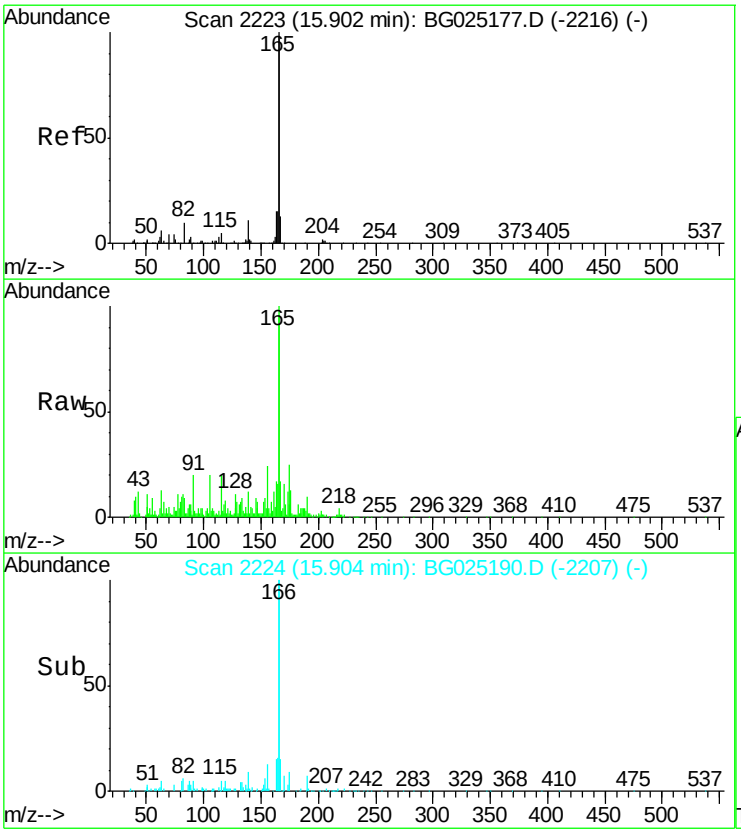
#54
2,4-Dinitrotoluene
Concen: 1.54 ng/ul
RT: 15.25 min Scan# 2112
Delta R.T. 0.02 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tgt Ion:165 Resp: 10061

Ion	Ratio	Lower	Upper
165	100		
63	200.7	46.8	70.2#
182	31.5	1.8	2.6#

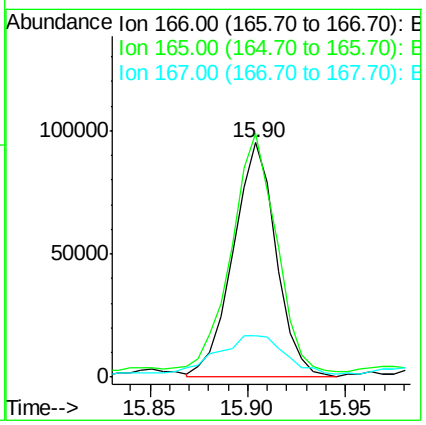


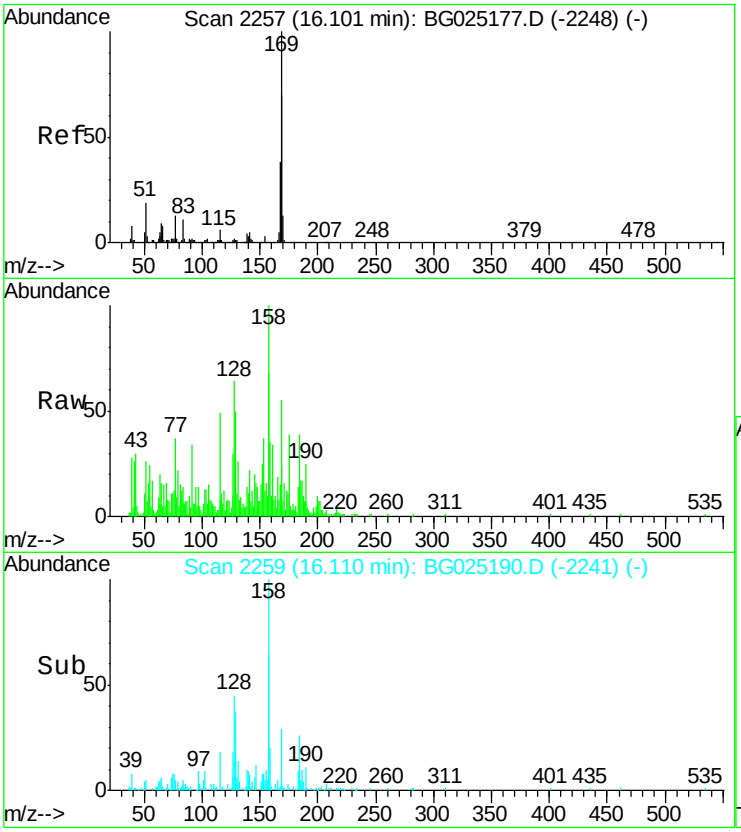


#58
Fluorene
Concen: 7.46 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion:166 Resp: 143627

Ion	Ratio	Lower	Upper
166	100		
165	103.8	79.7	119.5
167	17.7	11.4	17.2#



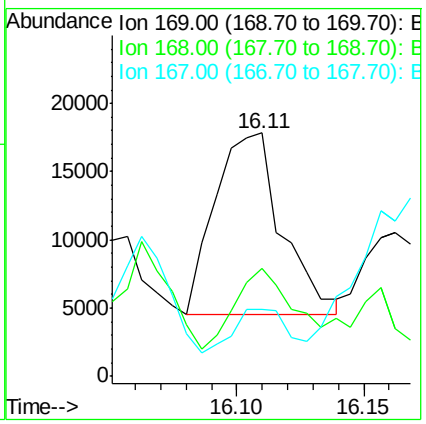


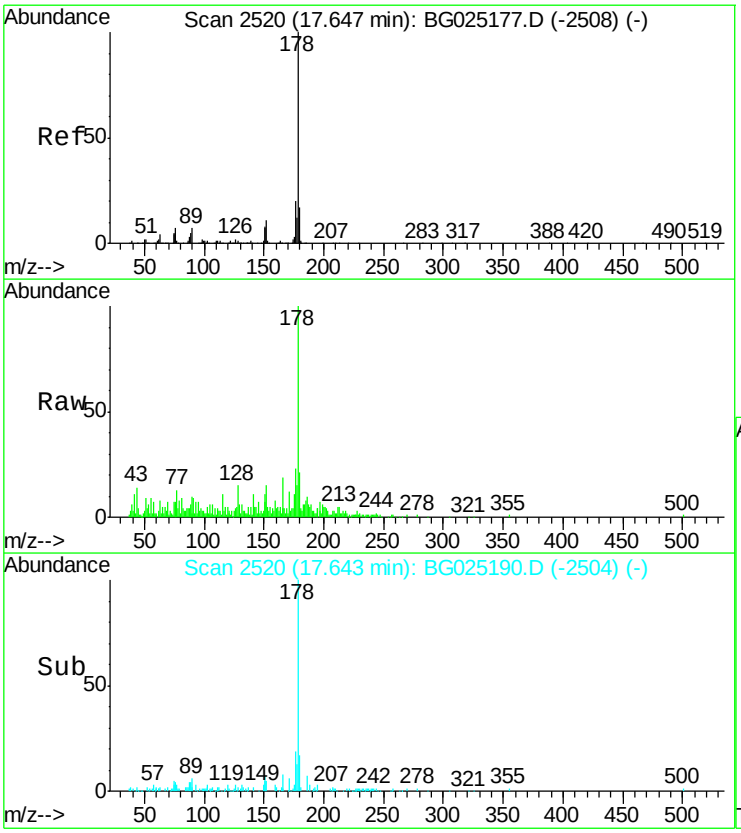
#64
N-Nitrosodiphenylamine
Concen: 1.57 ng/ul
RT: 16.11 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Instrument :
BNA_G
ClientSampleId :
DA831

Tgt Ion:169 Resp: 24217

Ion	Ratio	Lower	Upper
169	100		
168	44.4	59.1	88.7#
167	27.3	29.7	44.5#





#69
Phenanthrene
Concen: 2.70 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG025190.D
Acq: 15 Dec 2016 00:14

Tgt Ion:178 Resp: 77335

Ion	Ratio	Lower	Upper
178	100		
179	21.3	12.4	18.6#
176	23.2	16.5	24.7