Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025191.D
Acq On : 15 Dec 2016 00:54
Operator : UM/SJ
Sample : H5938-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA836

Quant Time: Dec 15 04:03:53 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	70735	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	326597	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	259879	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	527181	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	649007	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	651456	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	5401	3.94	ng/uL	0.00
5) Phenol-d5	7.39	99	137494	22.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	93420	24.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	96150	22.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	119281	23.39	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	58895	25.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	63142	21.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	123211	22.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	160044	29.37	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	405491	22.68	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	480504	24.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	66105	21.52	ng/ul	0.00
57) Fluorene-d10	15.85	176	397732	23.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	73590	22.58	ng/ul	0.00
70) Anthracene-d10	17.70	188	565129	25.40	ng/ul	0.00
76) Pyrene-d10	19.98	212	685071	25.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	697942	26.44	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	4871	1.06	ng/ul#	1
6) Phenol	7.42	94	9275	1.48	ng/ul	95
17) Hexachloroethane	9.34	117	14099	7.42	ng/ul#	1
20) Nitrobenzene	9.42	77	7724	1.09	ng/ul#	31
24) 2,4-Dimethylphenol	10.22	107	236593	35.37	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.48	93	6955	1.01	ng/ul#	89
27) 2,4-Dichlorophenol	10.69	162	14575	2.71	ng/ul#	55
28) Naphthalene	11.12	128	244496	16.10	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	671541	56.05	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	223163	14.16	ng/ul	97
44) Dimethylphthalate	14.30	163	328790	18.72	ng/ul#	97
47) Acenaphthylene	14.58	152	24816	1.30	ng/ul#	15
49) Acenaphthene	14.93	153	62471	4.79	ng/ul#	84
53) Dibenzofuran	15.26	168	144669	7.01	ng/ul	99
54) 2,4-Dinitrotoluene	15.24	165	10076	1.77	ng/ul#	1
58) Fluorene	15.90	166	146545	8.73	ng/ul#	97
63) 4,6-Dinitro-2-methylphenol	15.97	198	3628	1.07	ng/ul#	1
64) N-Nitrosodiphenylamine	16.10	169	41511	3.06	ng/ul#	54
69) Phenanthrene	17.64	178	80563	3.20	ng/ul#	93

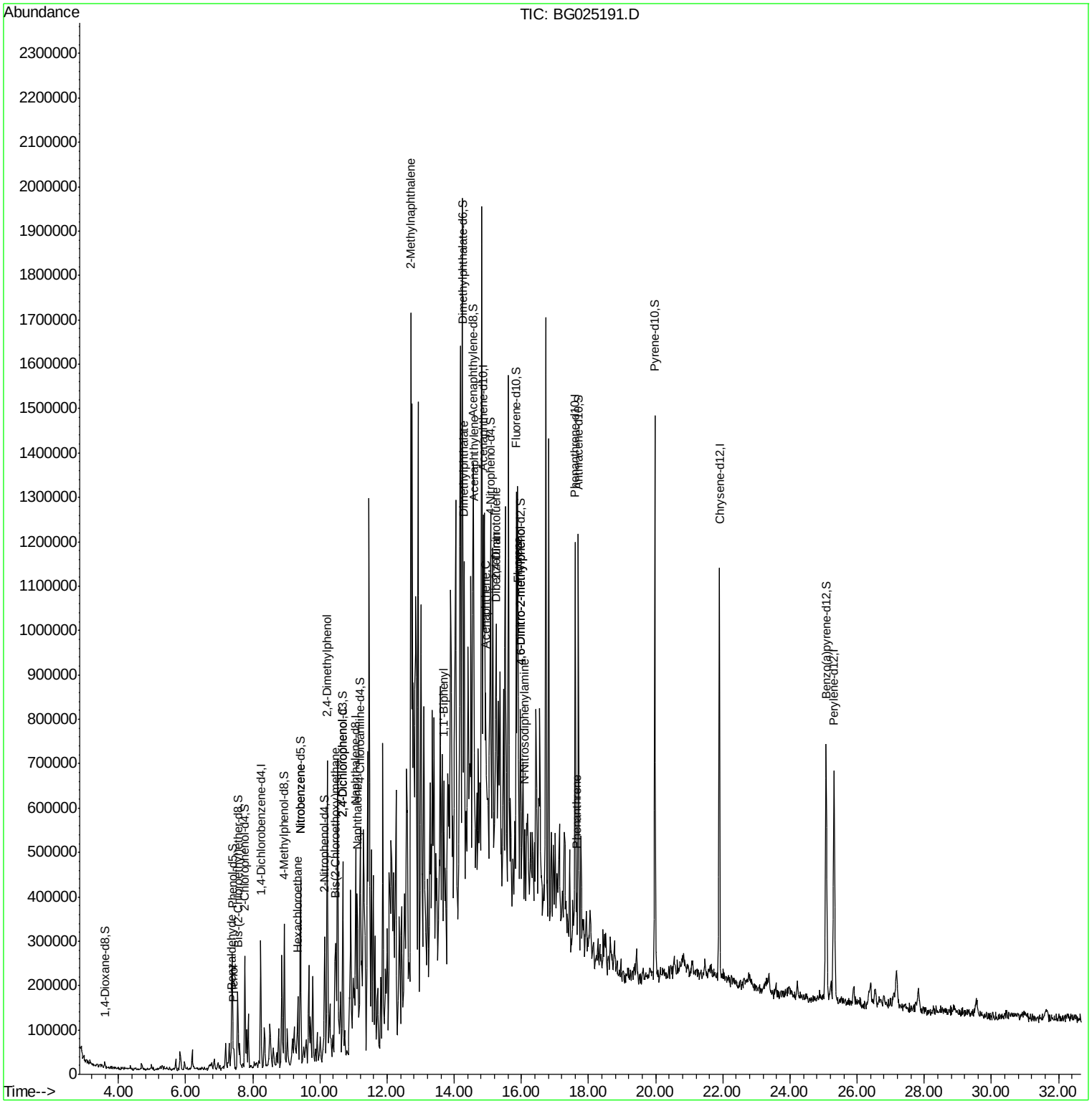
(#) = qualifier out of range (m) = manual integration (+) = signals summed

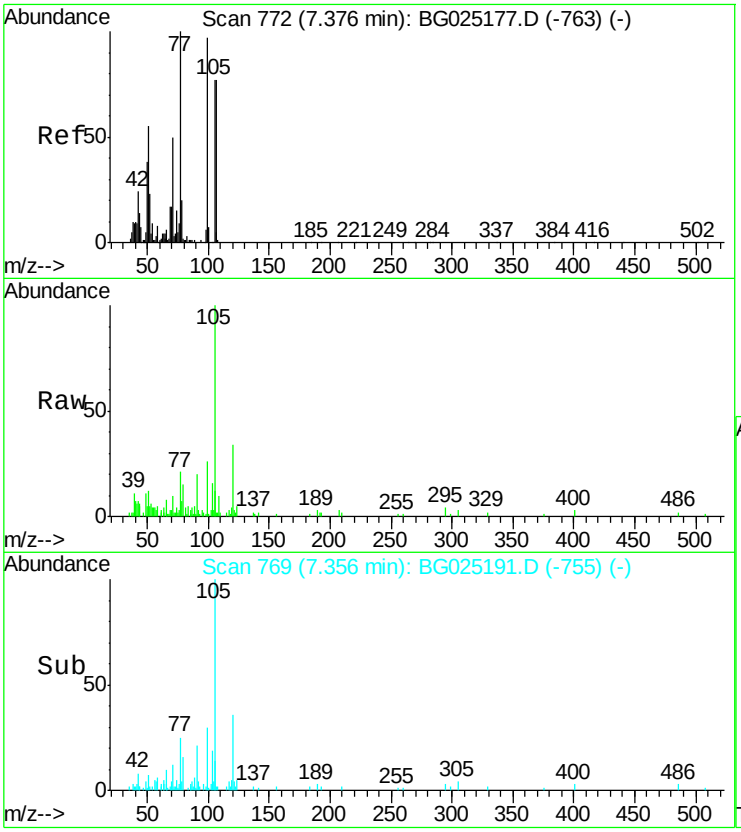
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025191.D
Acq On : 15 Dec 2016 00:54
Operator : UM/SJ
Sample : H5938-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA836

Quant Time: Dec 15 04:03:53 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



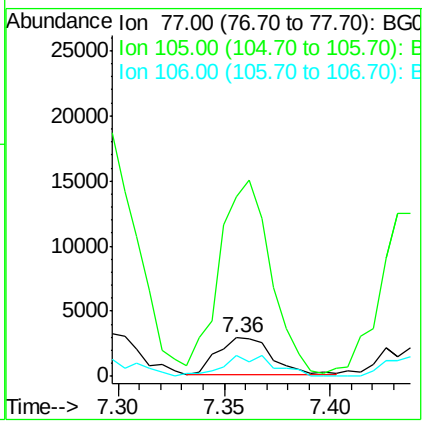


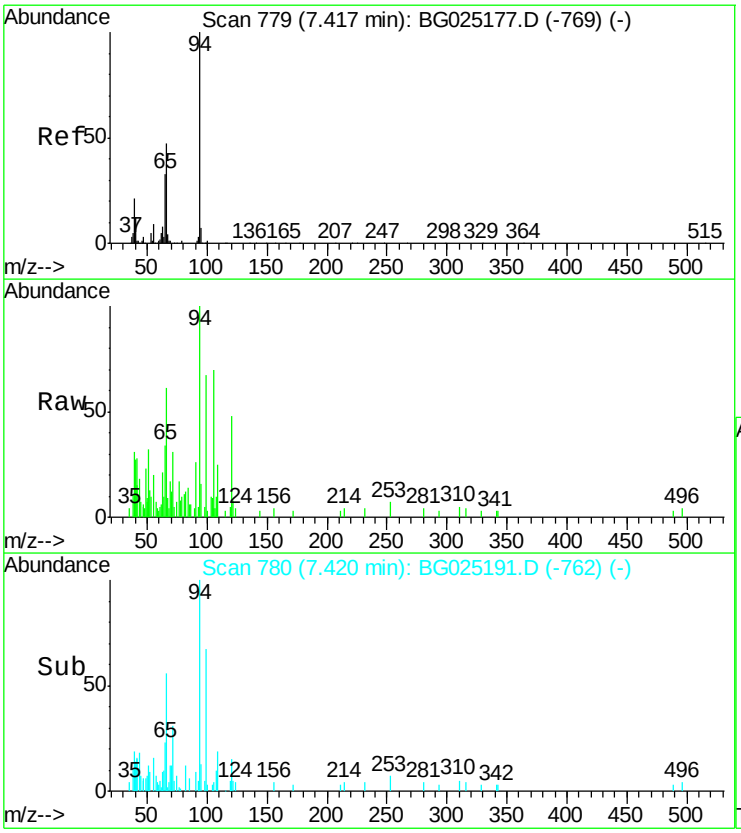
#4
Benzaldehyde
Concen: 1.06 ng/ul
RT: 7.36 min Scan# 769
Delta R.T. -0.02 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument :
BNA_G
ClientSampleId :
DA836

Tgt Ion: 77 Resp: 4871

Ion	Ratio	Lower	Upper
77	100		
105	466.8	62.0	93.0#
106	54.3	60.2	90.4#

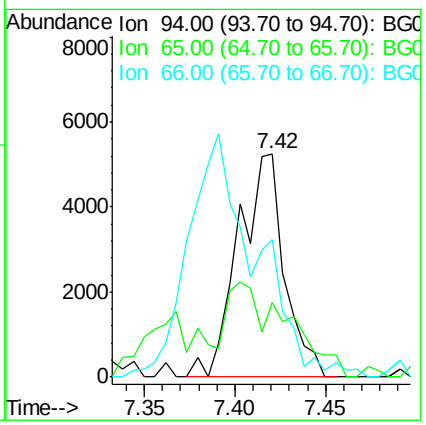


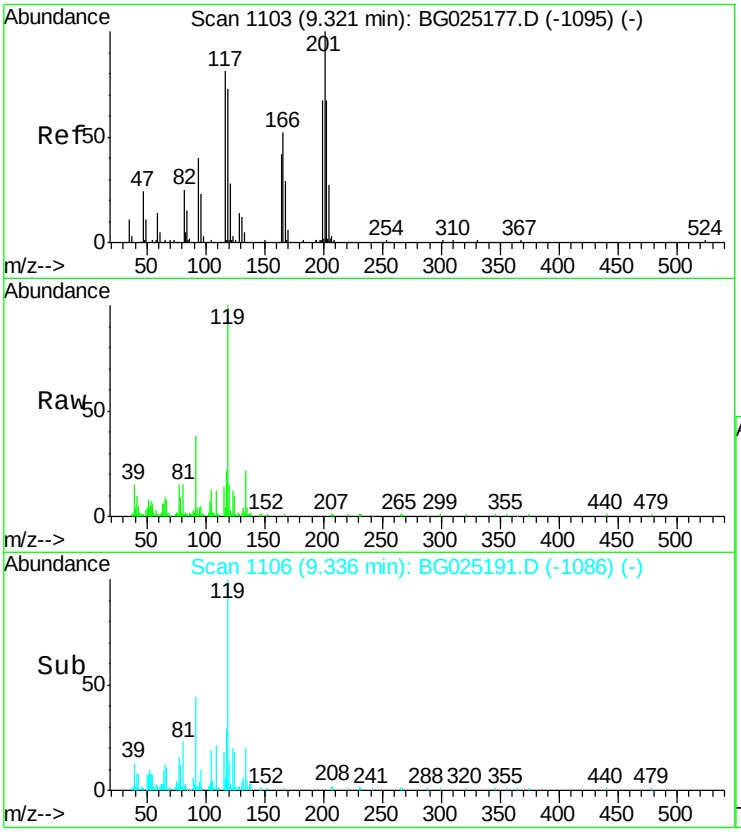


#6
Phenol
Concen: 1.48 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Tgt Ion: 94 Resp: 9275

Ion	Ratio	Lower	Upper
94	100		
65	33.7	26.8	40.2
66	61.3	44.4	66.6



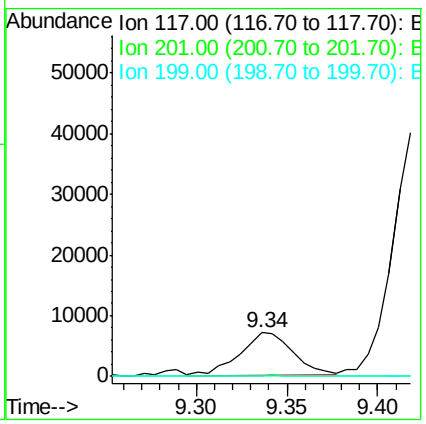


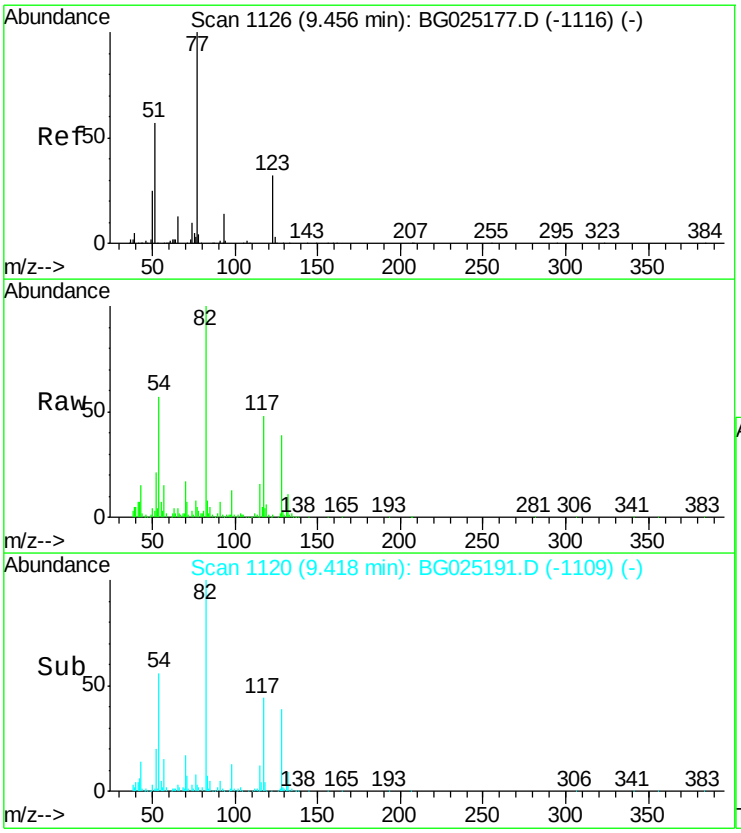
#17
Hexachloroethane
Concen: 7.42 ng/ul
RT: 9.34 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument : BNA_G
ClientSampleId : DA836

Tgt Ion:117 Resp: 14099

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

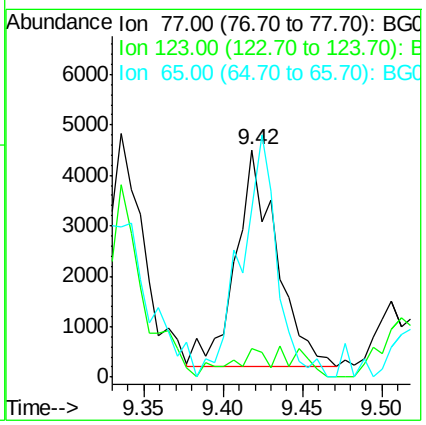


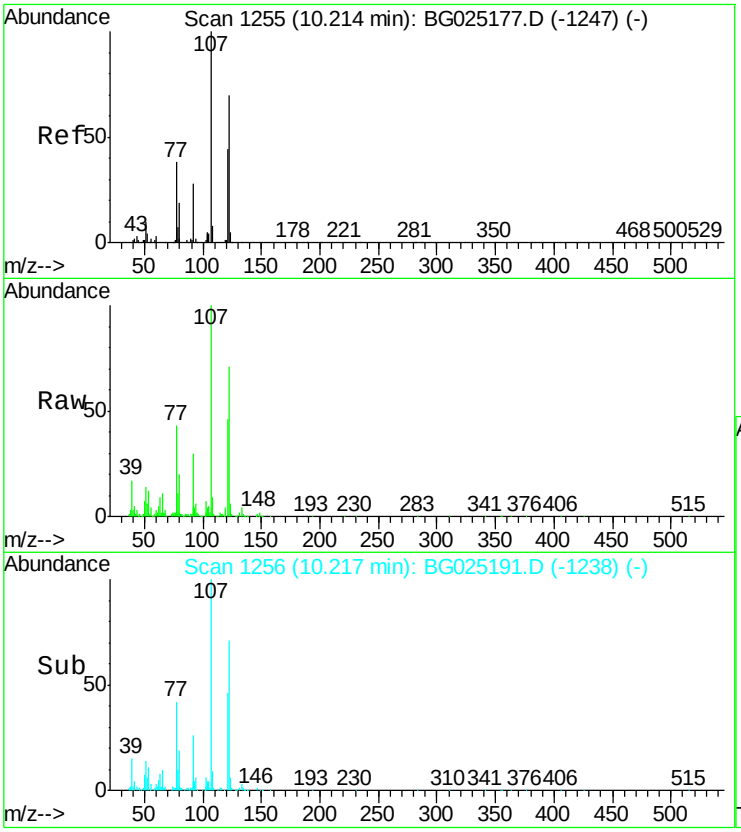


#20
Nitrobenzene
Concen: 1.09 ng/ul
RT: 9.42 min Scan# 1120
Delta R.T. -0.04 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Tgt Ion: 77 Resp: 7724

Ion	Ratio	Lower	Upper
77	100		
123	12.6	27.4	41.0#
65	74.0	13.3	19.9#



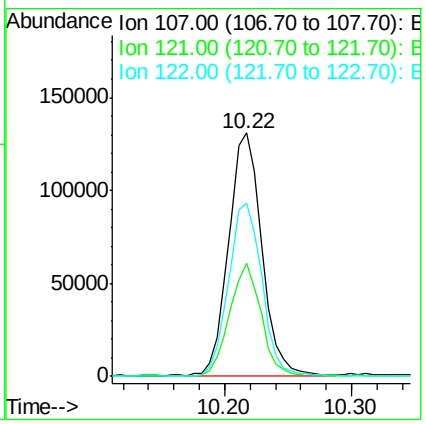


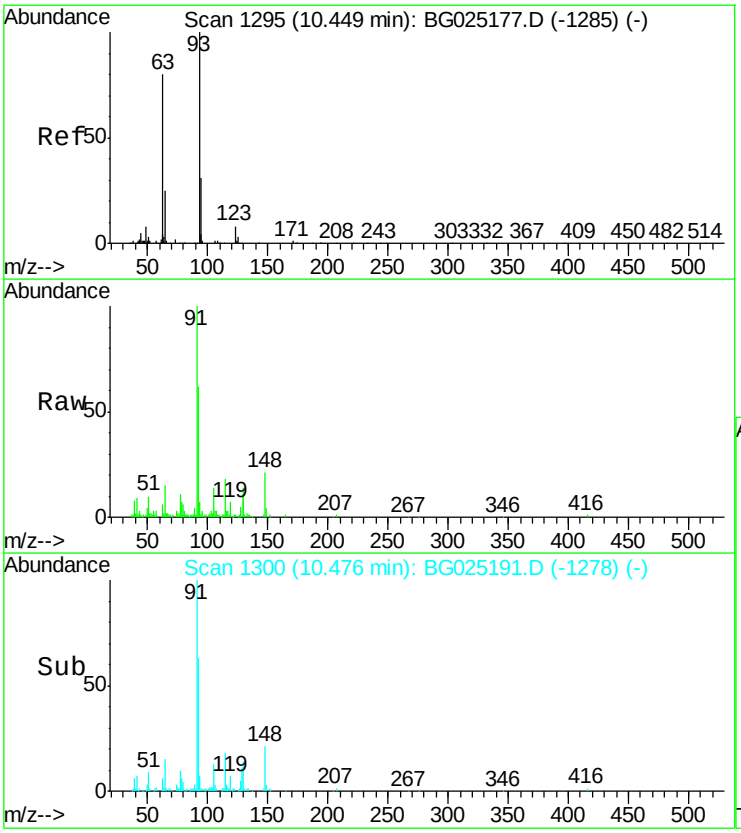
#24
2,4-Dimethylphenol
Concen: 35.37 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument :
BNA_G
ClientSampleId :
DA836

Tgt Ion:107 Resp: 236593

Ion	Ratio	Lower	Upper
107	100		
121	46.3	32.3	48.5
122	70.9	61.2	91.8

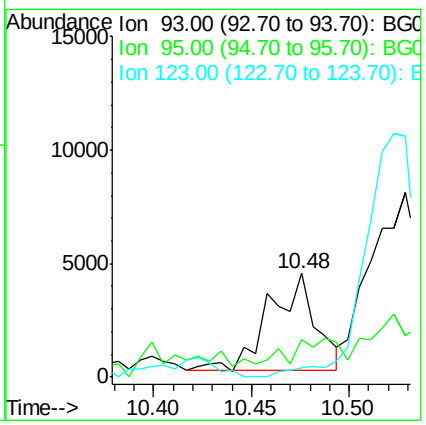


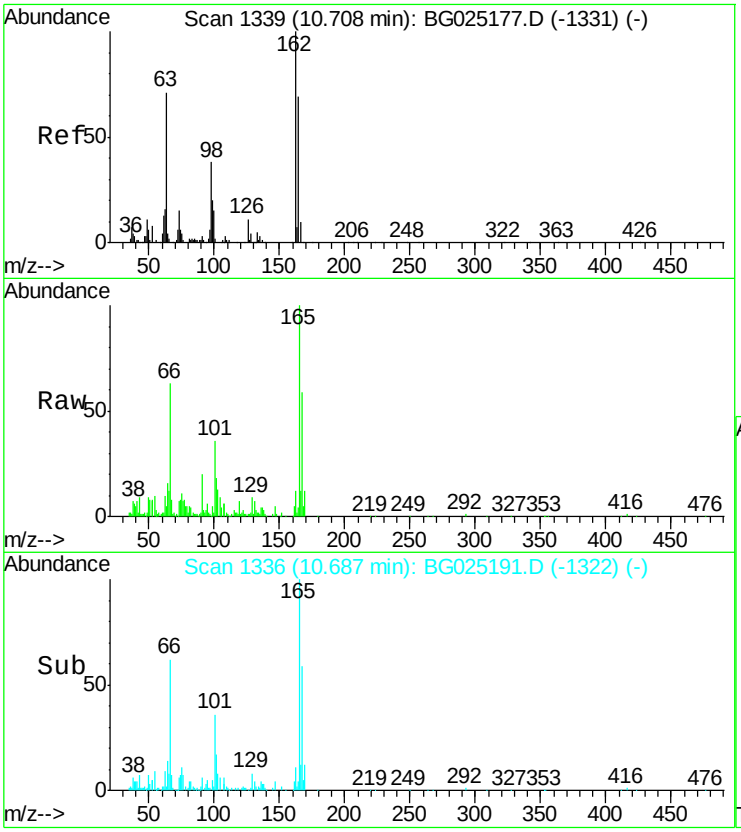


#25
Bis(2-Chloroethoxy)methane
Concen: 1.01 ng/ul
RT: 10.48 min Scan# 1300
Delta R.T. 0.03 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Tgt Ion: 93 Resp: 6955

Ion	Ratio	Lower	Upper
93	100		
95	36.7	23.4	35.0#
123	8.5	7.8	11.6



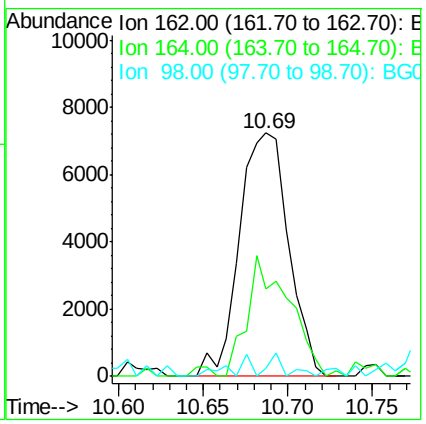


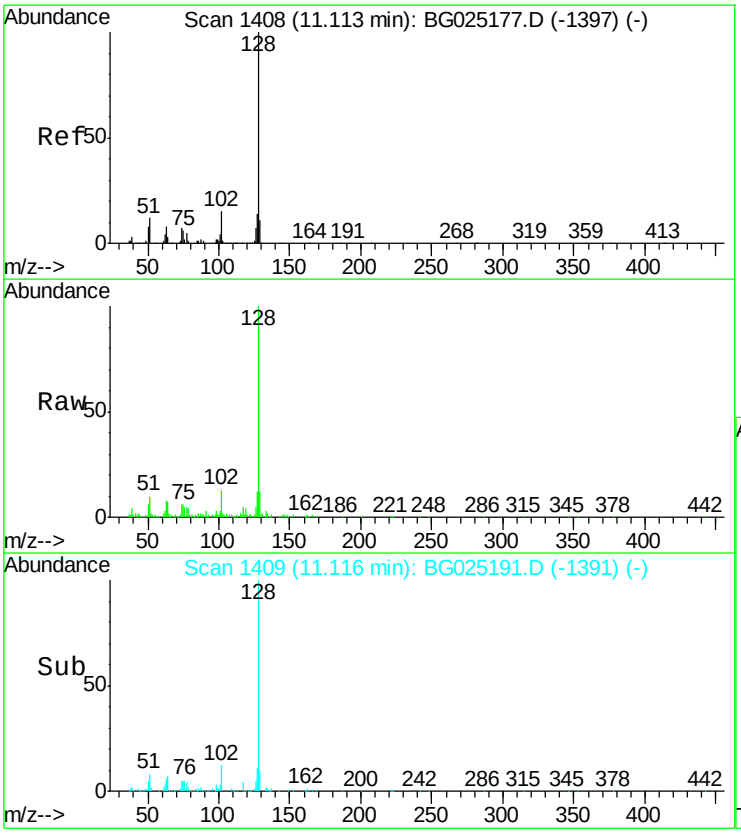
#27
2,4-Dichlorophenol
Concen: 2.71 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument :
BNA_G
ClientSampleId :
DA836

Tgt Ion:162 Resp: 14575

Ion	Ratio	Lower	Upper
162	100		
164	35.7	50.8	76.2#
98	3.5	32.1	48.1#

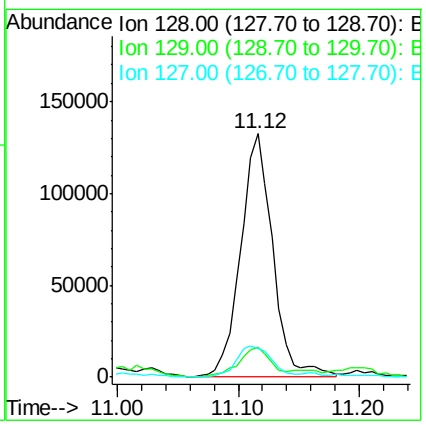


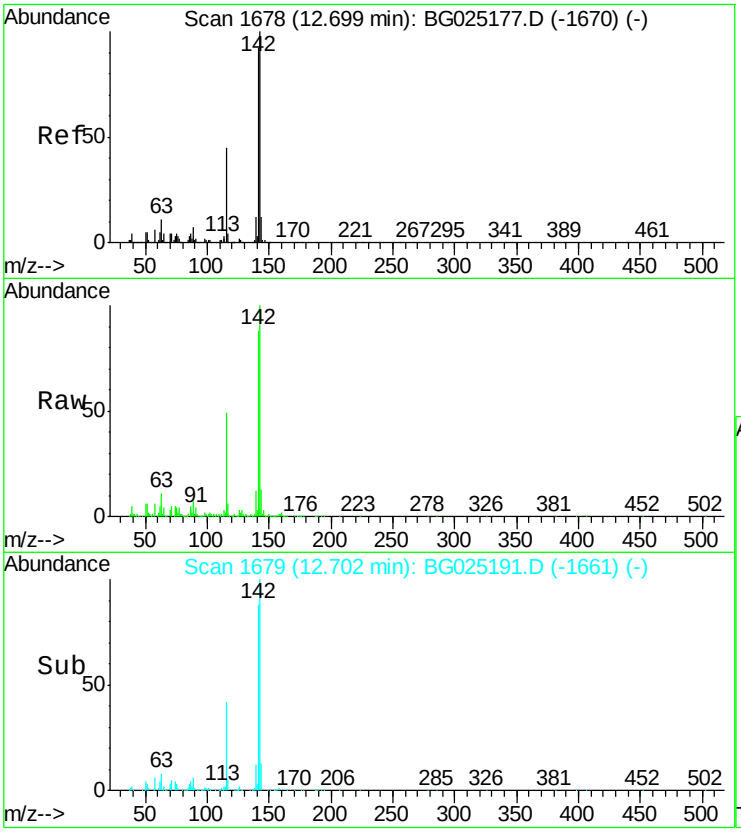


#28
Naphthalene
Concen: 16.10 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Tgt Ion:128 Resp: 244496

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.4	14.2
127	11.7	10.3	15.5



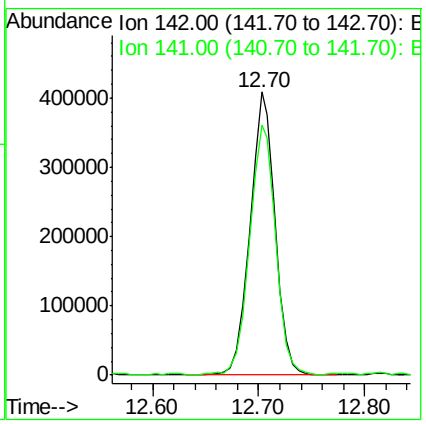


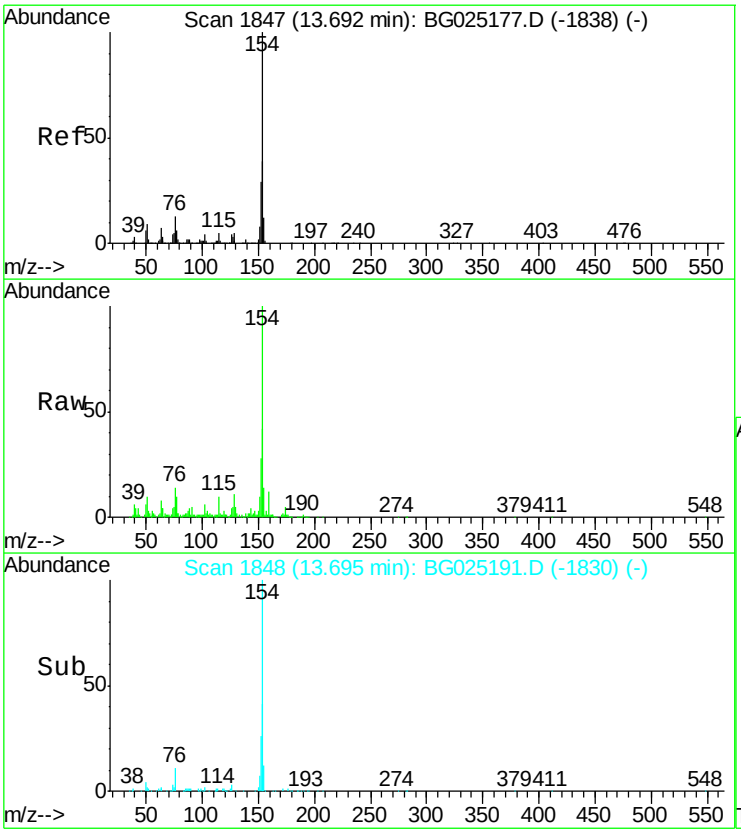
#34
2-Methylnaphthalene
Concen: 56.05 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument :
BNA_G
ClientSampleId :
DA836

Tgt Ion:142 Resp: 671541

Ion	Ratio	Lower	Upper
142	100		
141	88.2	68.6	102.8

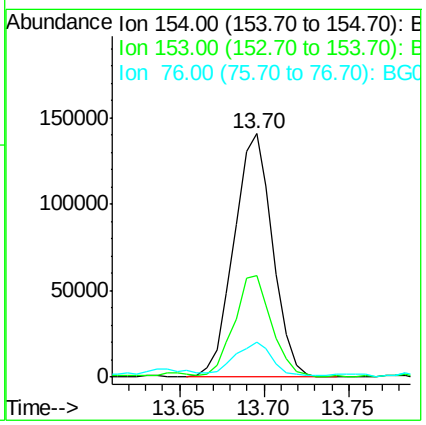


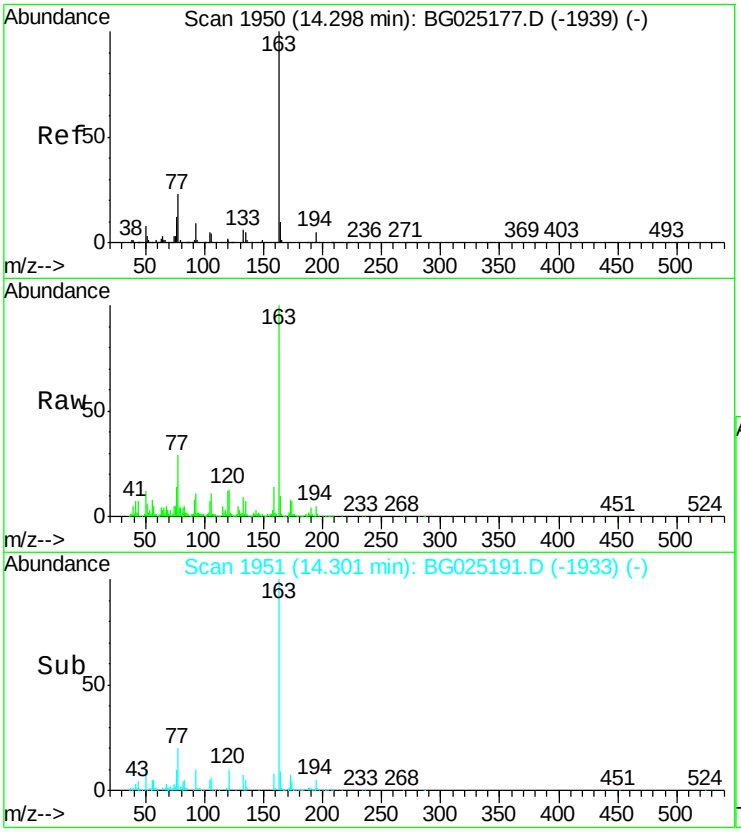


#40
1,1'-Biphenyl
Concen: 14.16 ng/ul
RT: 13.70 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Tgt Ion:154 Resp: 223163

Ion	Ratio	Lower	Upper
154	100		
153	41.5	32.2	48.2
76	14.1	9.6	14.4



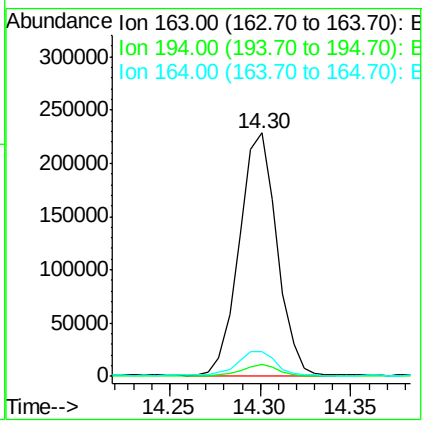


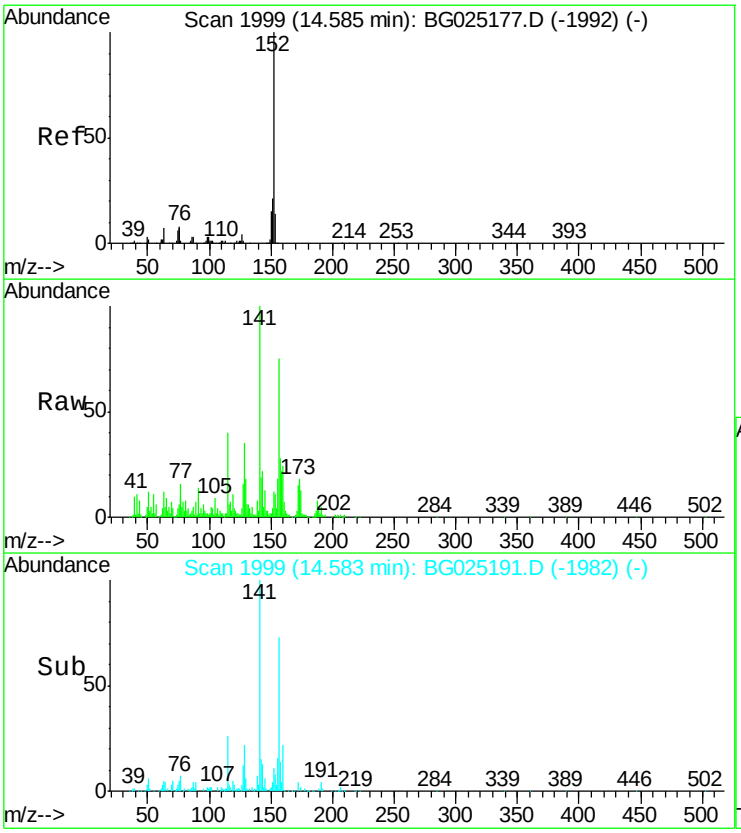
#44
Dimethylphthalate
Concen: 18.72 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument :
BNA_G
ClientSampleId :
DA836

Tgt Ion:163 Resp: 328790

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.0#
164	10.0	9.0	13.4

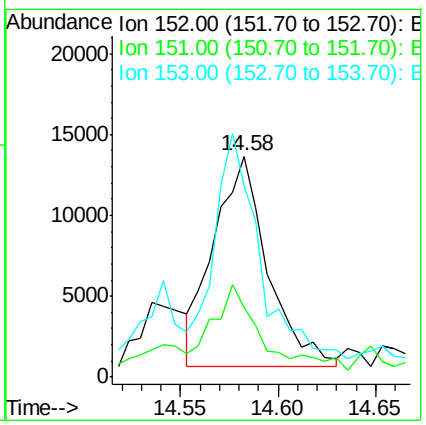


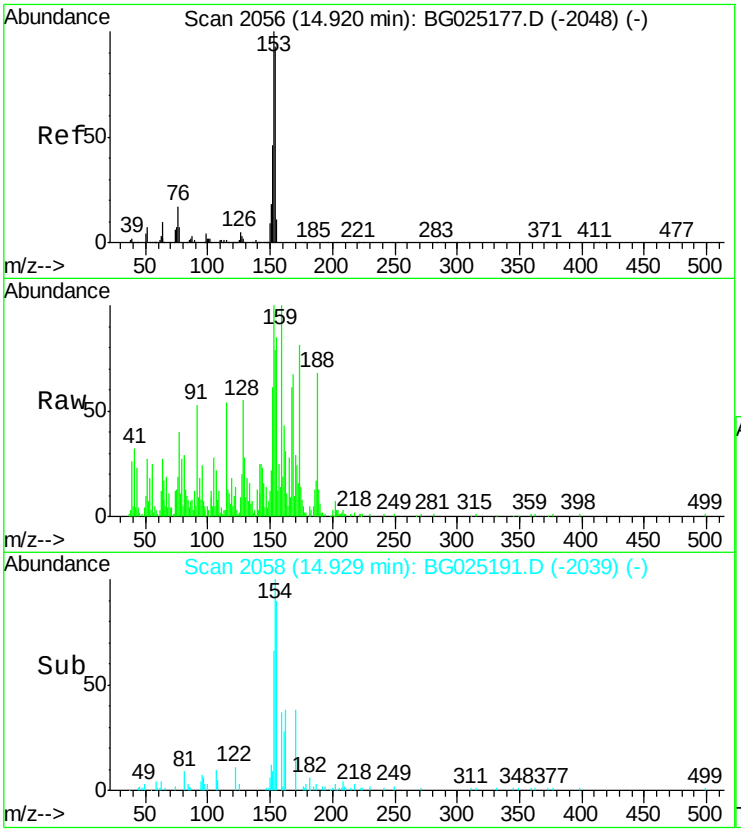


#47
Acenaphthylene
Concen: 1.30 ng/ul
RT: 14.58 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Tgt Ion:152 Resp: 24816

Ion	Ratio	Lower	Upper
152	100		
151	31.7	16.7	25.1#
153	86.6	11.4	17.2#



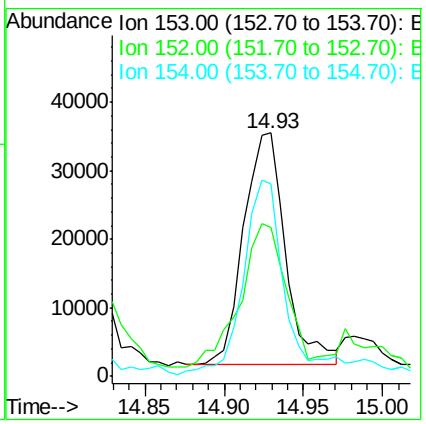


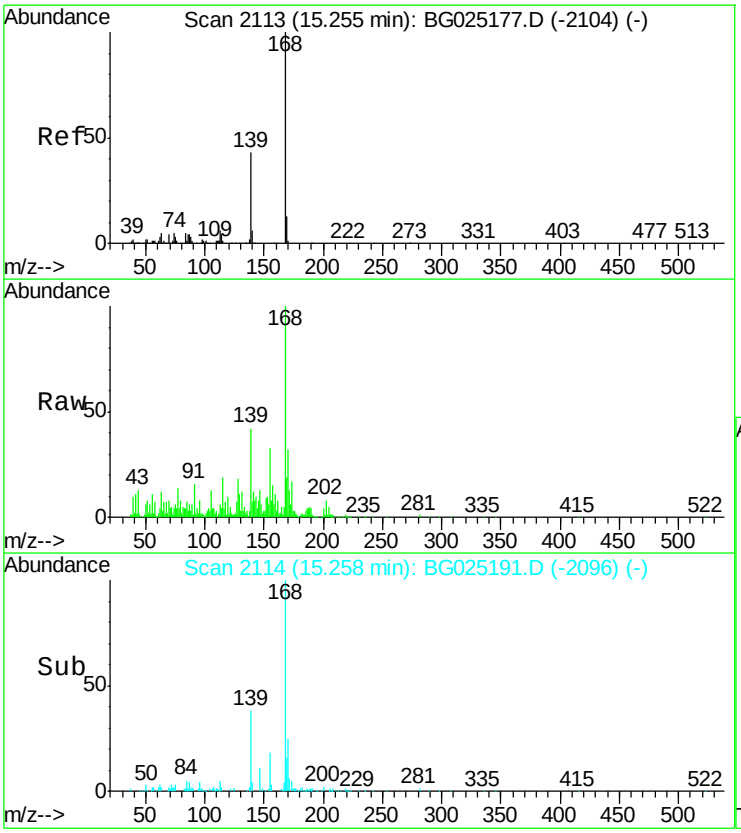
#49
Acenaphthene
Concen: 4.79 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument :
BNA_G
ClientSampleId :
DA836

Tgt Ion:153 Resp: 62471

Ion	Ratio	Lower	Upper
153	100		
152	61.2	36.5	54.7#
154	78.9	72.3	108.5

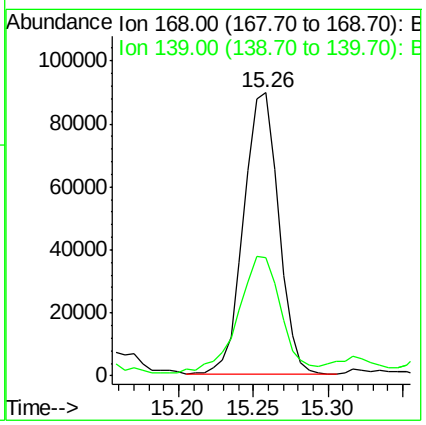


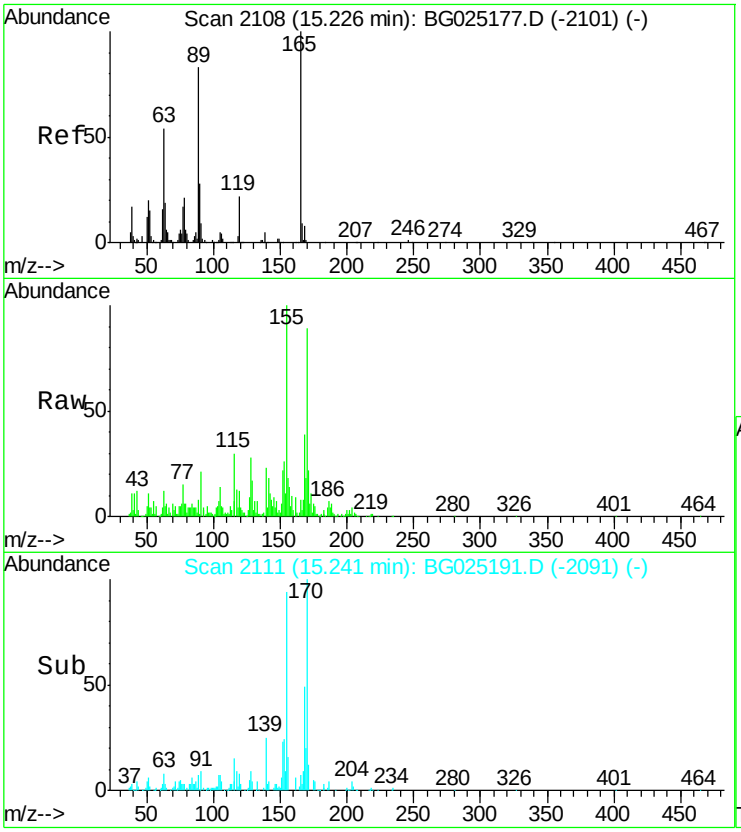


#53
Dibenzofuran
Concen: 7.01 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Tgt Ion:168 Resp: 144669

Ion	Ratio	Lower	Upper
168	100		
139	42.0	33.8	50.8



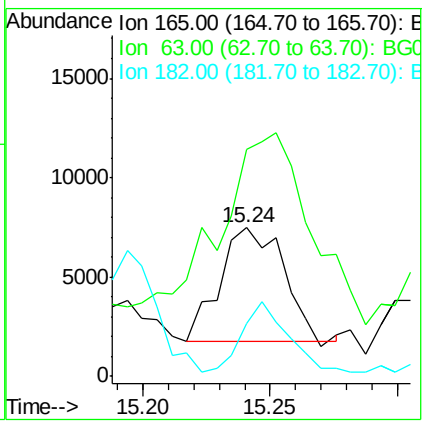


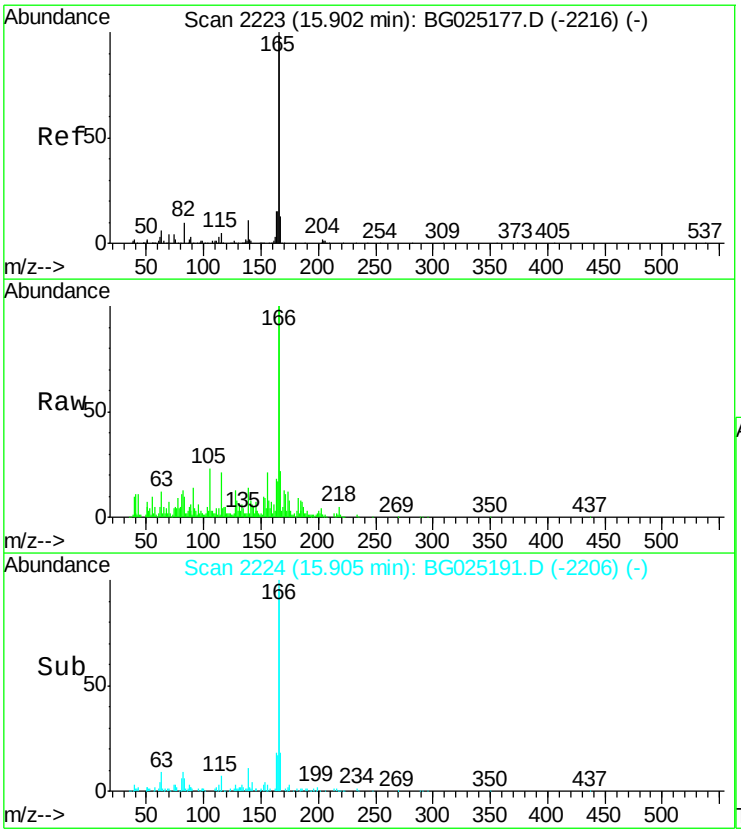
#54
2,4-Dinitrotoluene
Concen: 1.77 ng/ul
RT: 15.24 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument :
BNA_G
ClientSampleId :
DA836

Tgt Ion:165 Resp: 10076

Ion	Ratio	Lower	Upper
165	100		
63	152.4	46.8	70.2#
182	35.9	1.8	2.6#

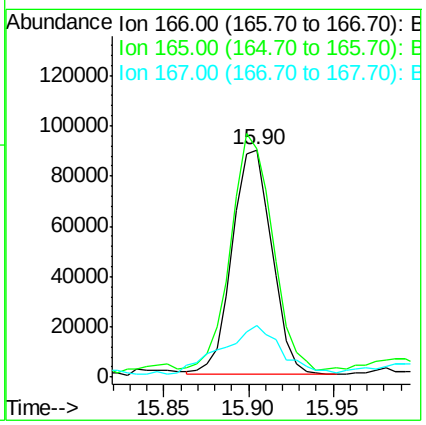


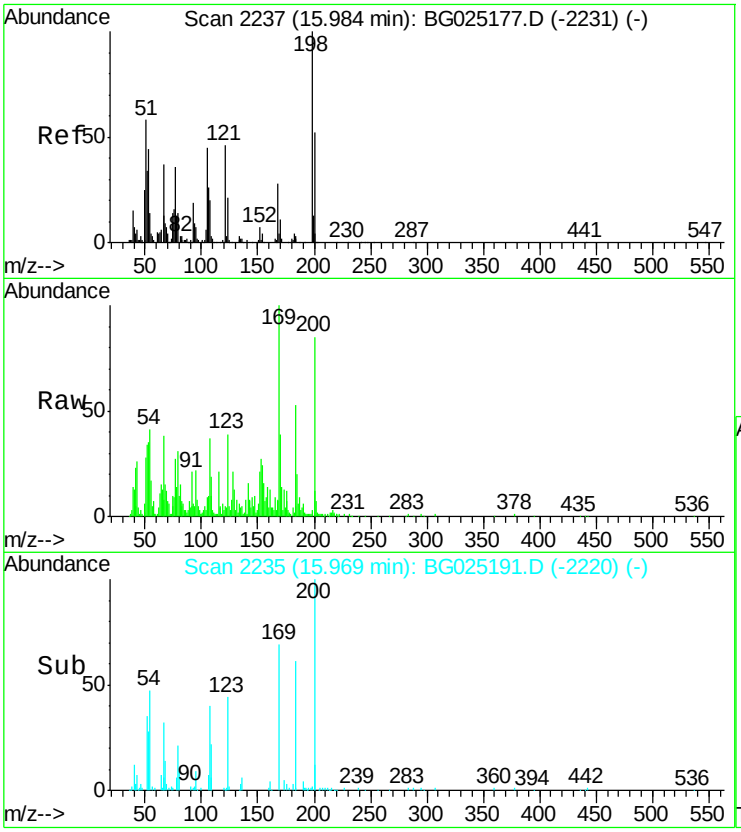


#58
Fluorene
Concen: 8.73 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Tgt Ion:166 Resp: 146545

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.7	119.5
167	22.4	11.4	17.2#



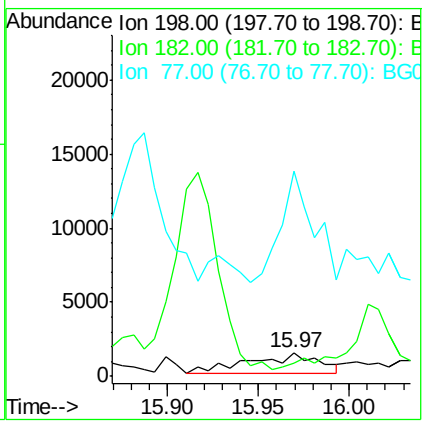


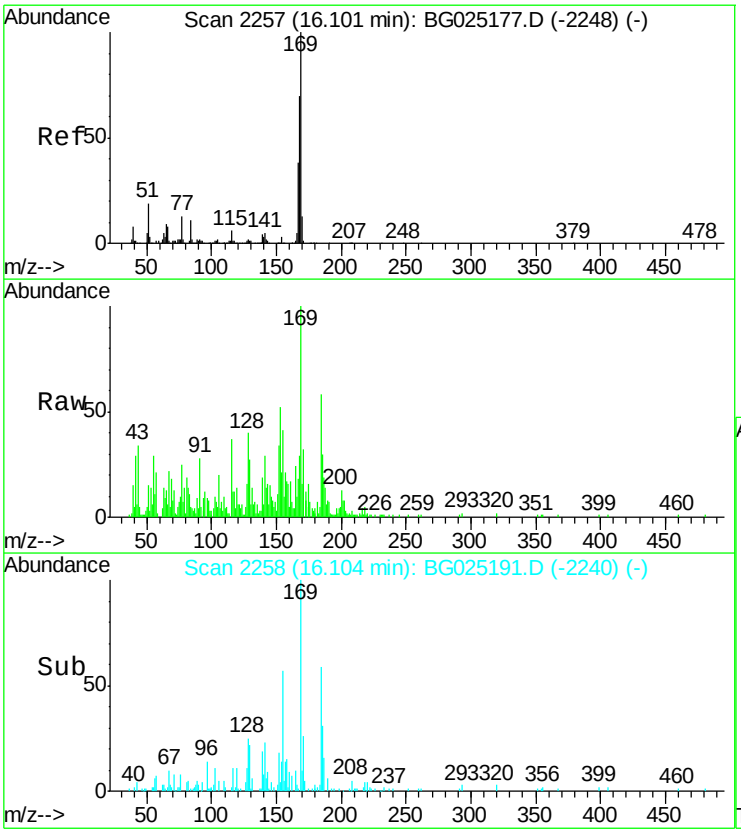
#63
4,6-Dinitro-2-methylphenol
Concen: 1.07 ng/ul
RT: 15.97 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument :
BNA_G
ClientSampleId :
DA836

Tgt Ion:198 Resp: 3628

Ion	Ratio	Lower	Upper
198	100		
182	54.8	5.8	6.4#
77	870.4	22.1	33.9#

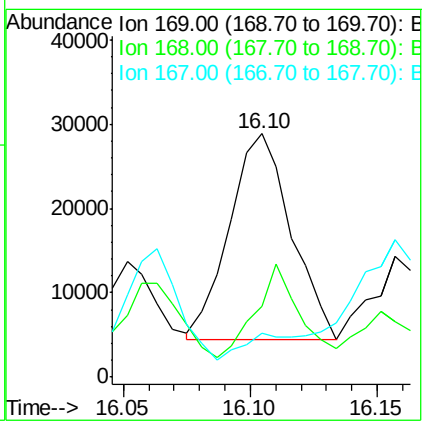


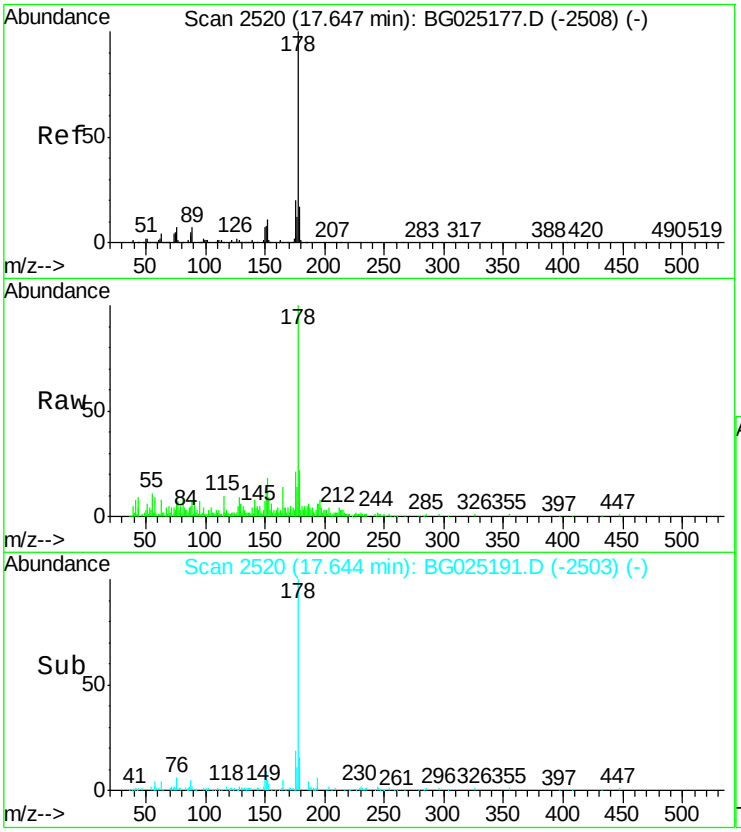


#64
N-Nitrosodiphenylamine
Concen: 3.06 ng/ul
RT: 16.10 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Tgt Ion:169 Resp: 41511

Ion	Ratio	Lower	Upper
169	100		
168	29.3	59.1	88.7#
167	18.3	29.7	44.5#





#69
Phenanthrene
Concen: 3.20 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG025191.D
Acq: 15 Dec 2016 00:54

Instrument :
BNA_G
ClientSampleId :
DA836

Tgt Ion:178 Resp: 80563

Ion	Ratio	Lower	Upper
178	100		
179	21.7	12.4	18.6#
176	21.0	16.5	24.7