Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025306.D
Acq On : 18 Dec 2016 11:54
Operator : UM/SJ
Sample : H5905-18DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 19 04:46:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	71614	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	292230	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	229971	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	480706	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	611336	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	604355	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	1076	0.78	ng/uL	0.00
5) Phenol-d5	7.40	99	21559	3.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	16899	4.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	17064	3.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	19606	3.80	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	9370	4.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	10892	4.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	20135	4.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	14817	3.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	67227	4.25	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	78537	4.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	2594	0.95	ng/ul	-0.01
57) Fluorene-d10	15.84	176	69191	4.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	3545	1.19	ng/ul	0.03
70) Anthracene-d10	17.70	188	96150	4.74	ng/ul	0.00
76) Pyrene-d10	19.97	212	116943	4.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	111396	4.55	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.42	94	10824	1.71	ng/ul#	81
11) 2-Methylphenol	8.68	108	31754	6.80	ng/ul#	79
16) 4-Methylphenol	9.01	108	89203	17.17	ng/ul	95
17) Hexachloroethane	9.34	117	6839	3.55	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	67290	11.24	ng/ul#	89
27) 2,4-Dichlorophenol	10.68	162	12195	2.53	ng/ul#	25
28) Naphthalene	11.11	128	216057	15.90	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	412175	38.45	ng/ul	93
40) 1,1'-Biphenyl	13.69	154	85519	6.13	ng/ul	95
44) Dimethylphthalate	14.30	163	31294	2.01	ng/ul#	94
49) Acenaphthene	14.92	153	21813	1.89	ng/ul#	75
53) Dibenzofuran	15.25	168	56404	3.09	ng/ul	92
58) Fluorene	15.90	166	59171	3.98	ng/ul	93
64) N-Nitrosodiphenylamine	16.09	169	12842	1.04	ng/ul#	53

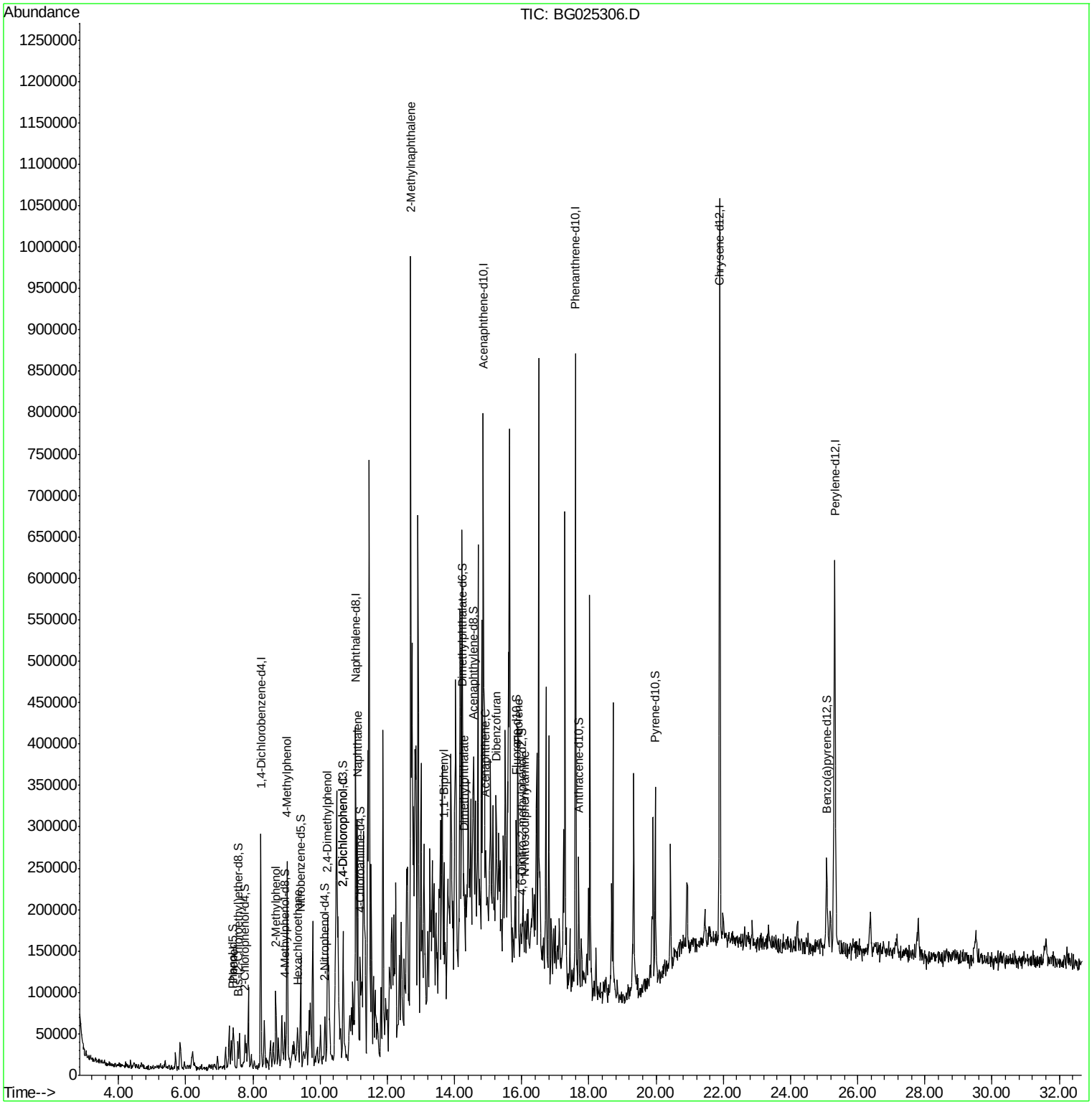
(#) = qualifier out of range (m) = manual integration (+) = signals summed

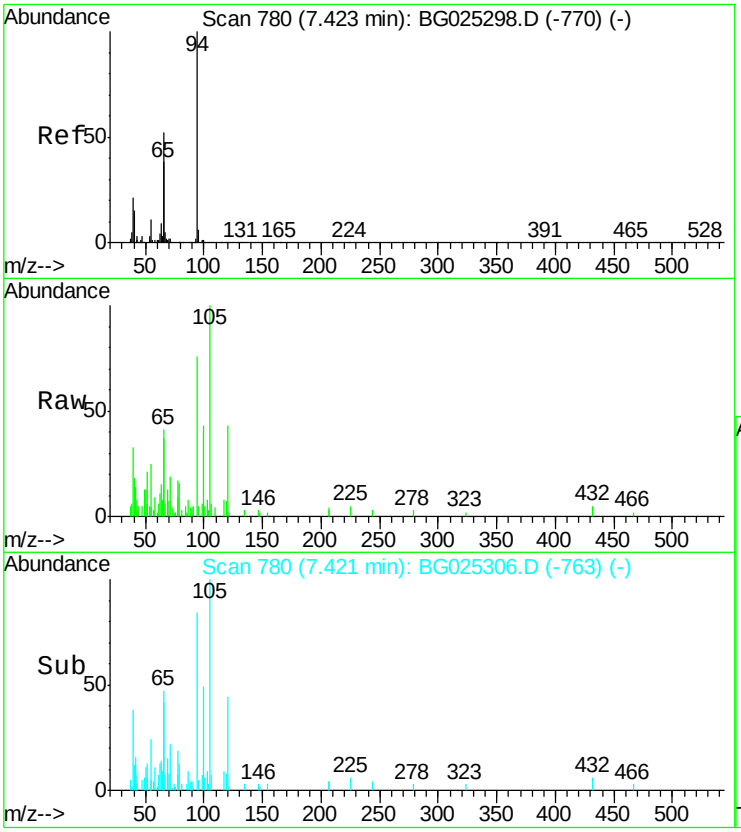
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025306.D
Acq On : 18 Dec 2016 11:54
Operator : UM/SJ
Sample : H5905-18DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 19 04:46:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration



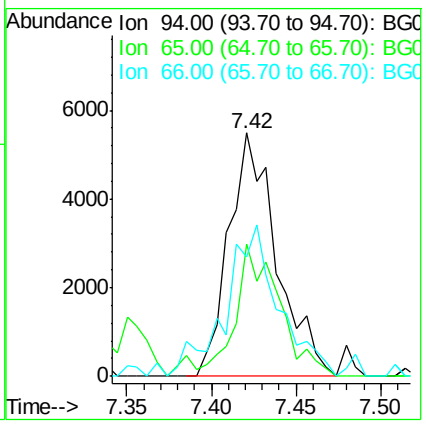


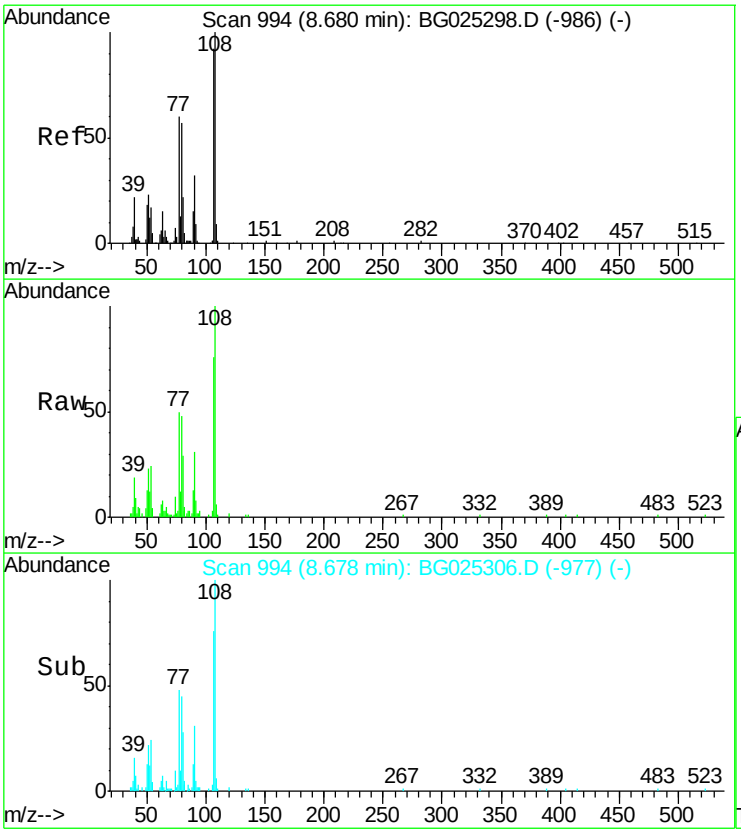
#6
Phenol
Concen: 1.71 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 10824

Ion	Ratio	Lower	Upper
94	100		
65	54.1	26.8	40.2#
66	49.0	44.4	66.6

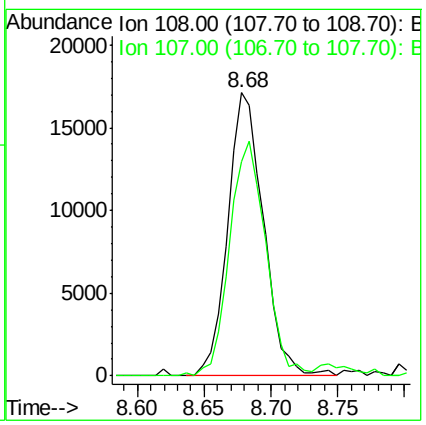


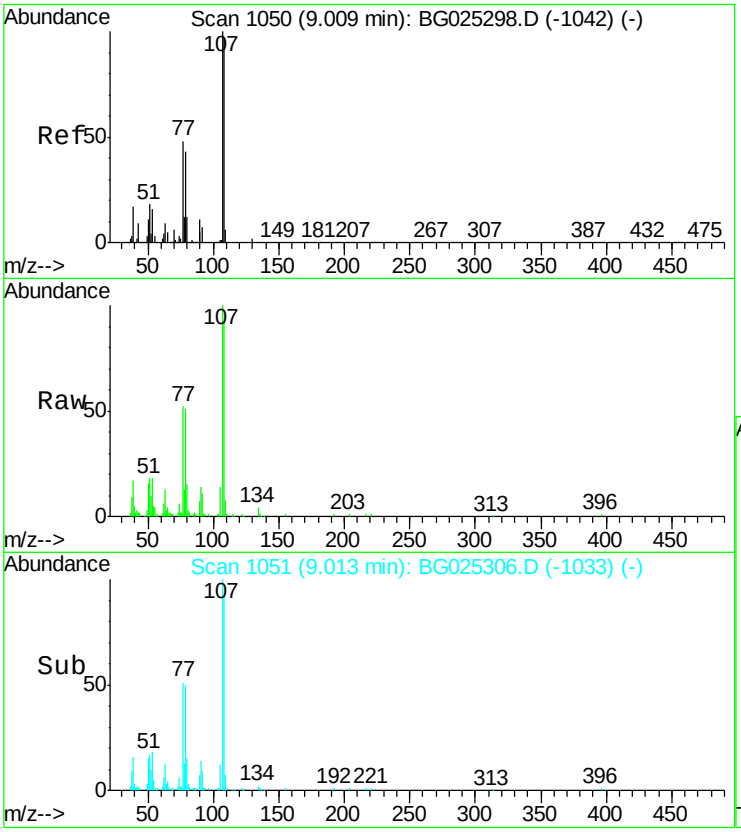


#11
2-Methylphenol
Concen: 6.80 ng/ul
RT: 8.68 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Tgt Ion:108 Resp: 31754

Ion	Ratio	Lower	Upper
108	100		
107	75.6	76.7	115.1#



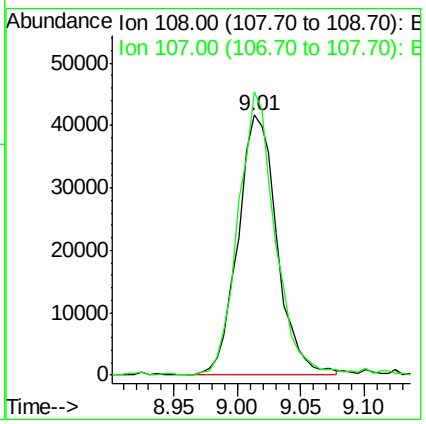


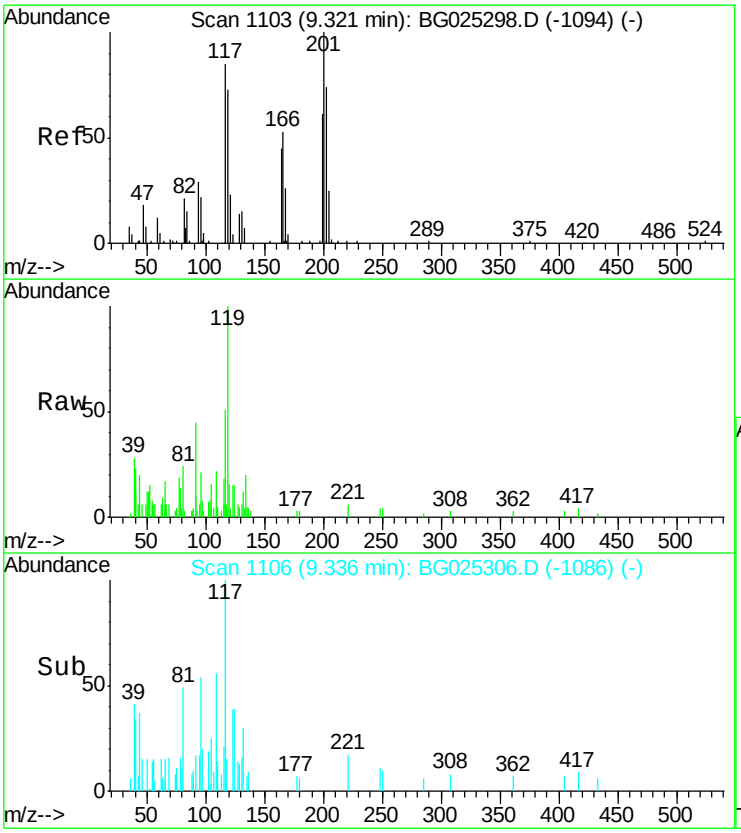
#16
4-Methylphenol
Concen: 17.17 ng/ul
RT: 9.01 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 89203

Ion	Ratio	Lower	Upper
108	100		
107	108.9	91.7	137.5

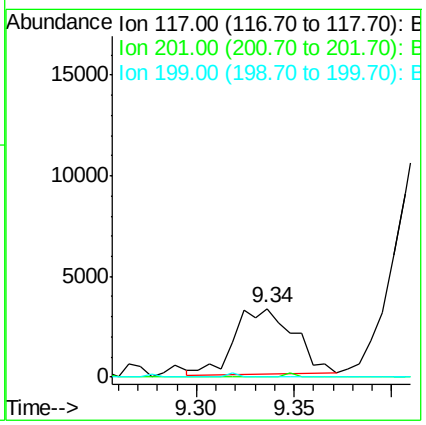


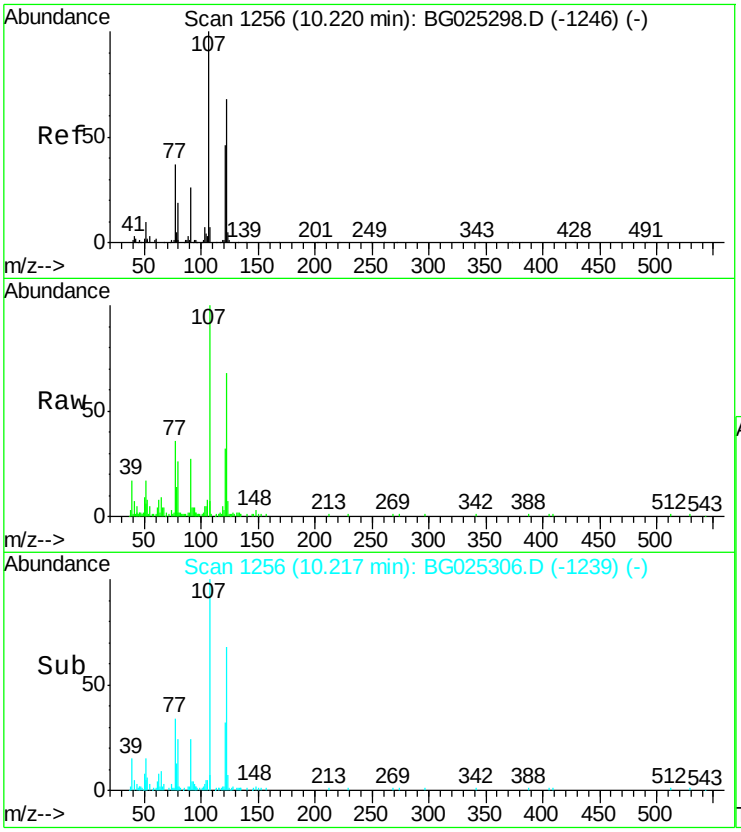


#17
Hexachloroethane
Concen: 3.55 ng/ul
RT: 9.34 min Scan# 1106
Delta R.T. 0.02 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Tgt Ion:117 Resp: 6839

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



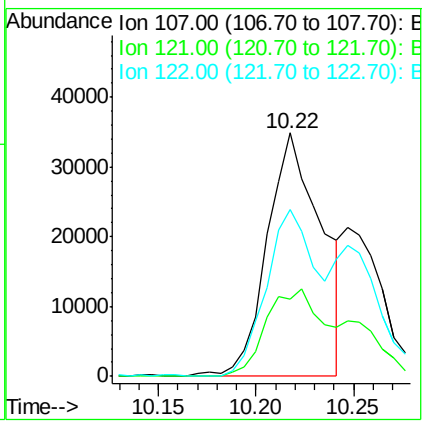


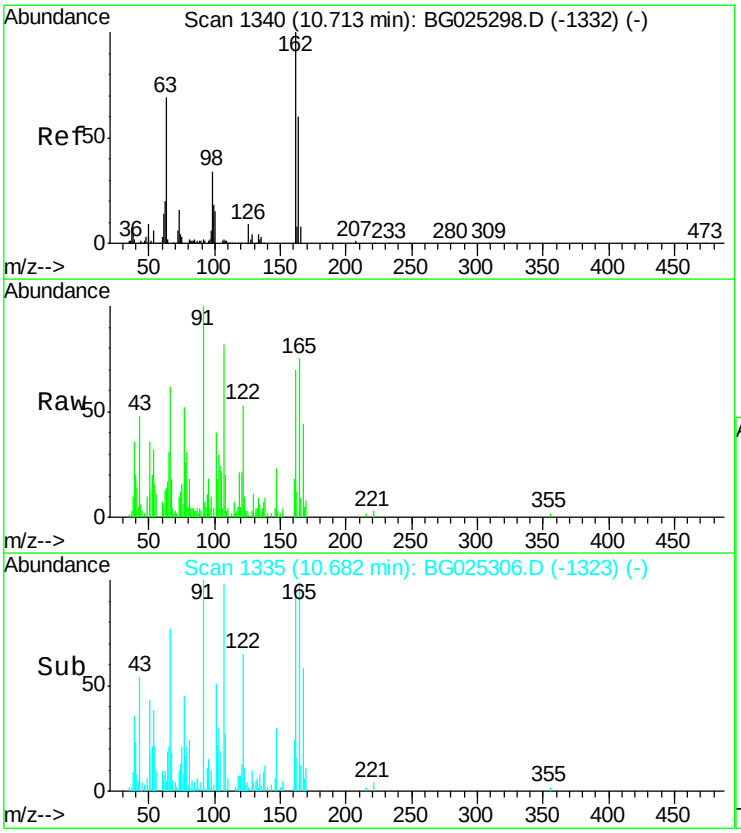
#24
2,4-Dimethylphenol
Concen: 11.24 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 67290

Ion	Ratio	Lower	Upper
107	100		
121	31.6	32.3	48.5#
122	68.4	61.2	91.8

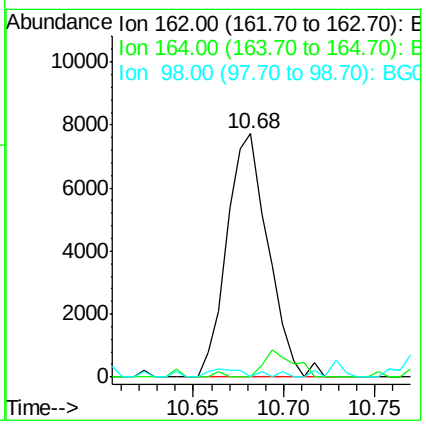


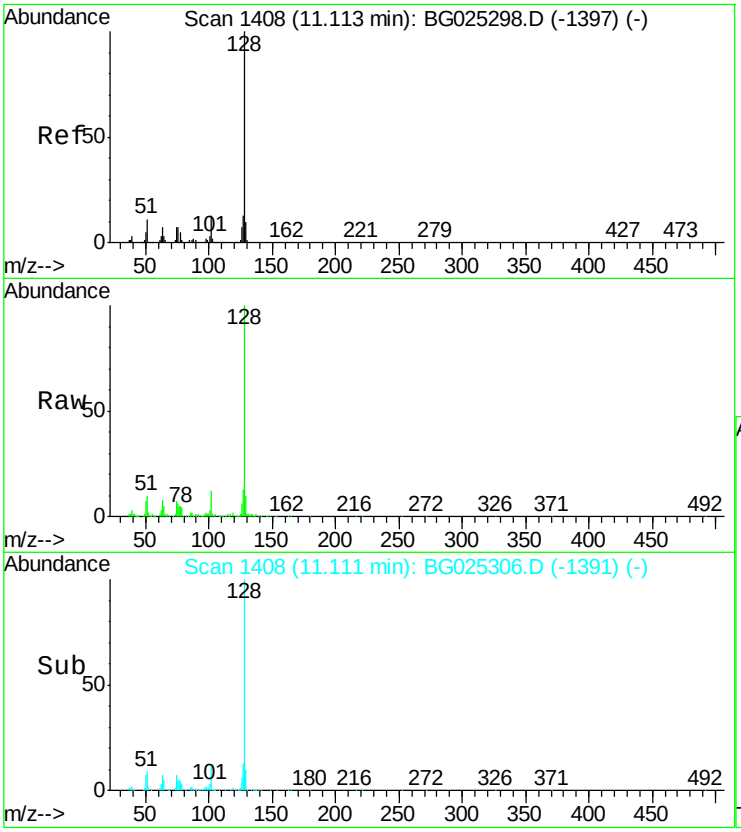


#27
2,4-Dichlorophenol
Concen: 2.53 ng/ul
RT: 10.68 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Tgt Ion:162 Resp: 12195

Ion	Ratio	Lower	Upper
162	100		
164	0.0	50.8	76.2#
98	0.0	32.1	48.1#



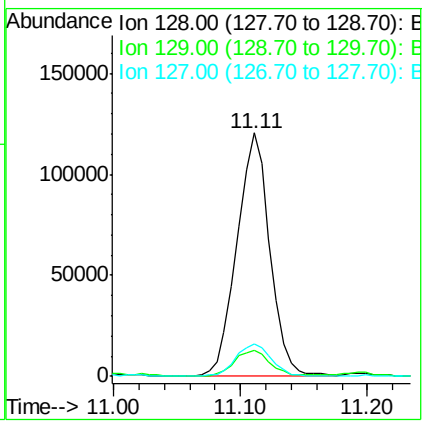


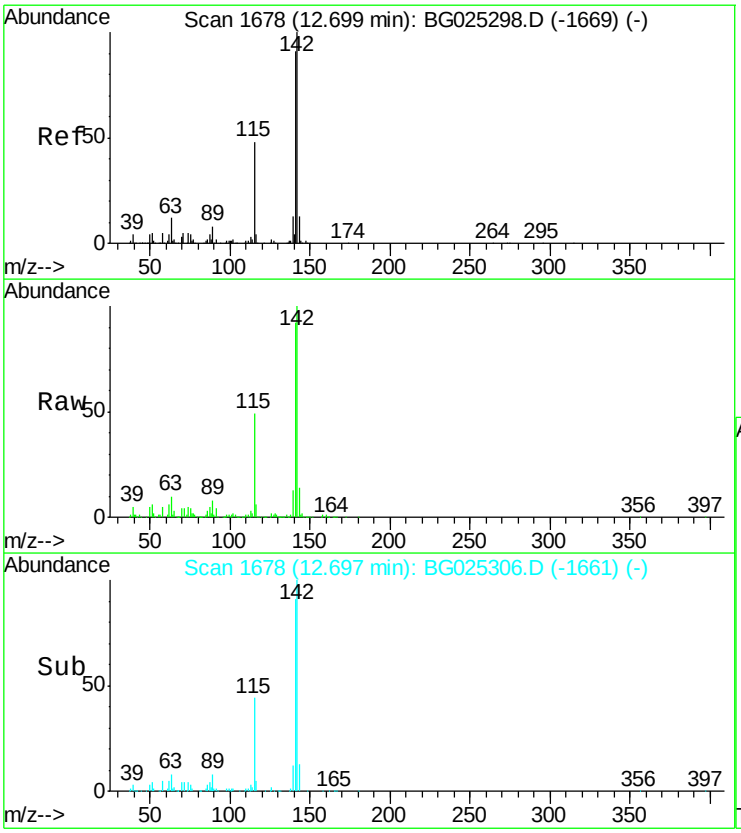
#28
Naphthalene
Concen: 15.90 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 216057

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.4	14.2
127	13.3	10.3	15.5

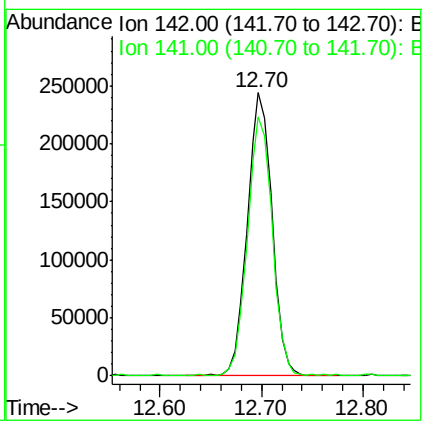


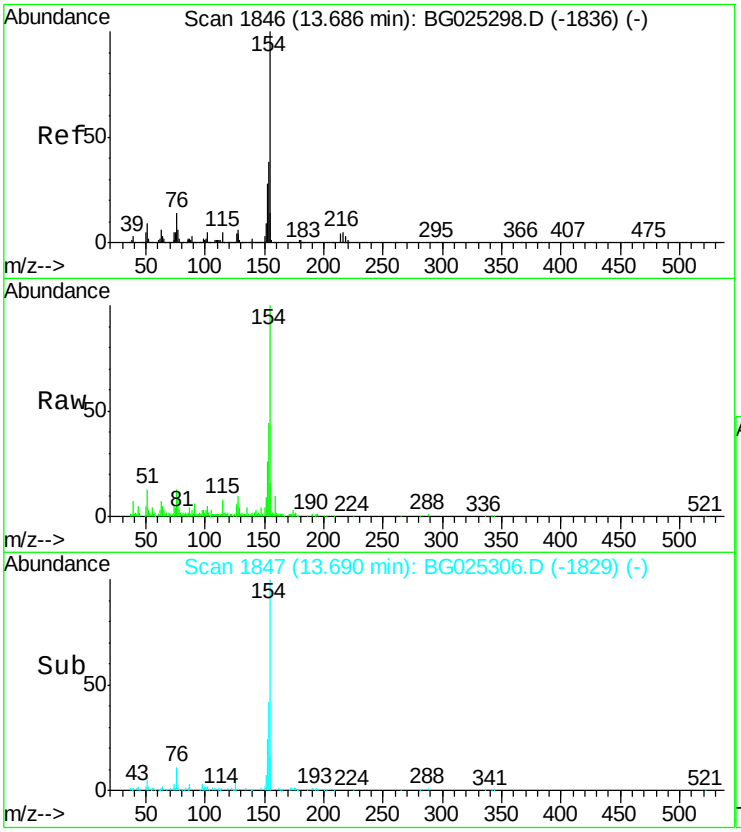


#34
2-Methylnaphthalene
Concen: 38.45 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Tgt Ion:142 Resp: 412175

Ion	Ratio	Lower	Upper
142	100		
141	91.7	68.6	102.8



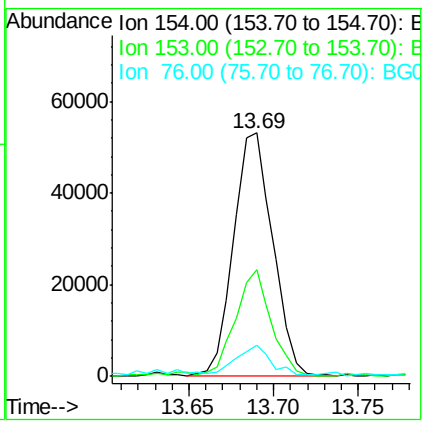


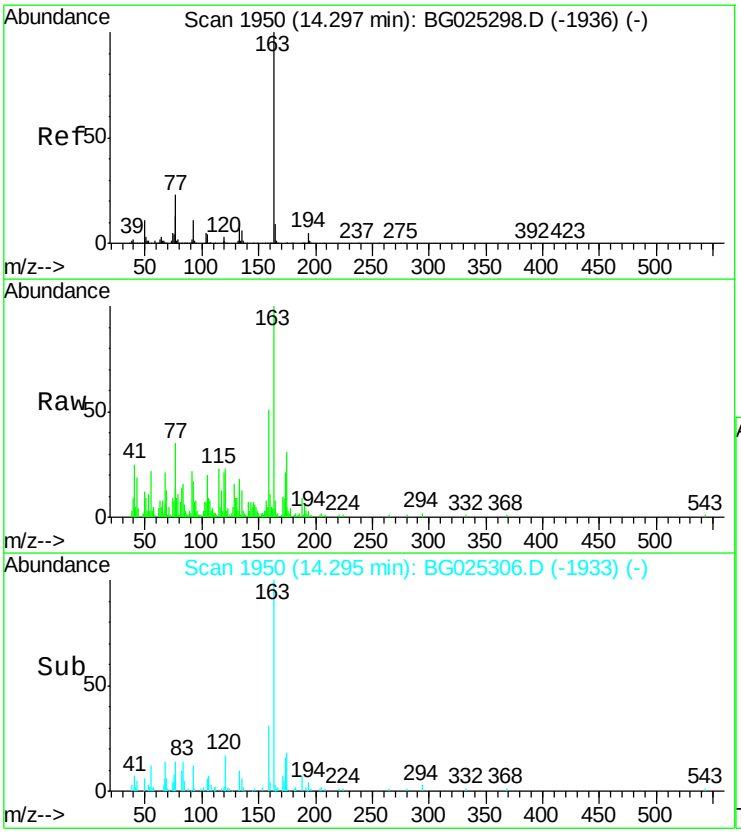
#40
1,1'-Biphenyl
Concen: 6.13 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 85519

Ion	Ratio	Lower	Upper
154	100		
153	43.8	32.2	48.2
76	12.9	9.6	14.4

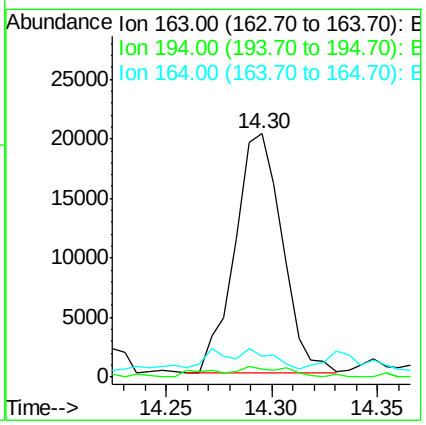


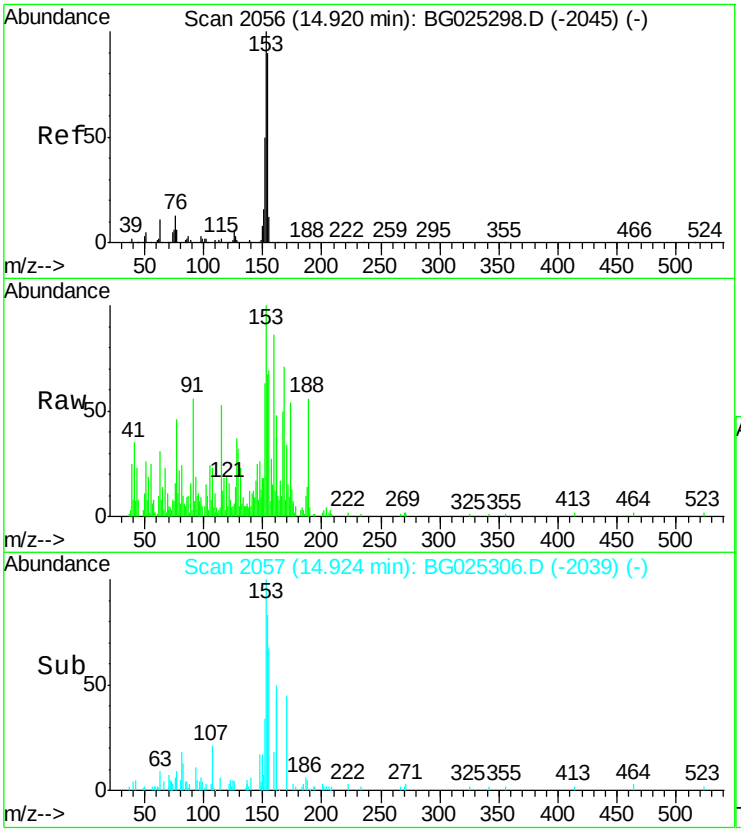


#44
Dimethylphthalate
Concen: 2.01 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Tgt Ion:163 Resp: 31294

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.4	5.0#
164	8.4	9.0	13.4#



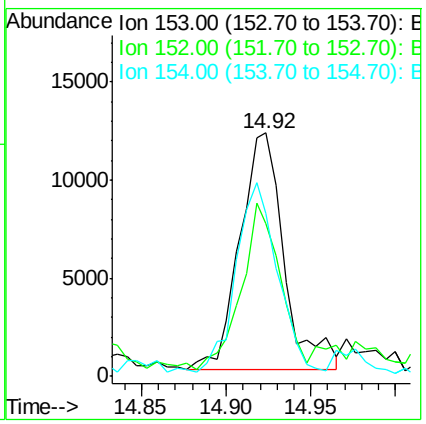


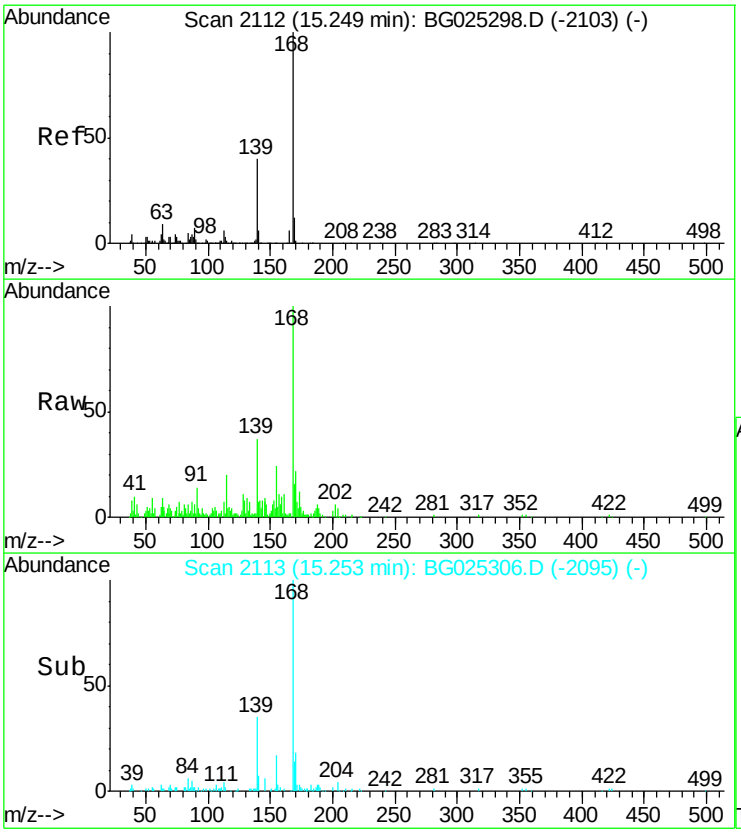
#49
Acenaphthene
Concen: 1.89 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 21813

Ion	Ratio	Lower	Upper
153	100		
152	62.6	36.5	54.7#
154	67.1	72.3	108.5#

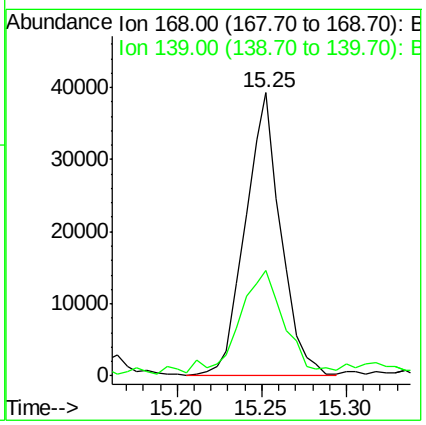


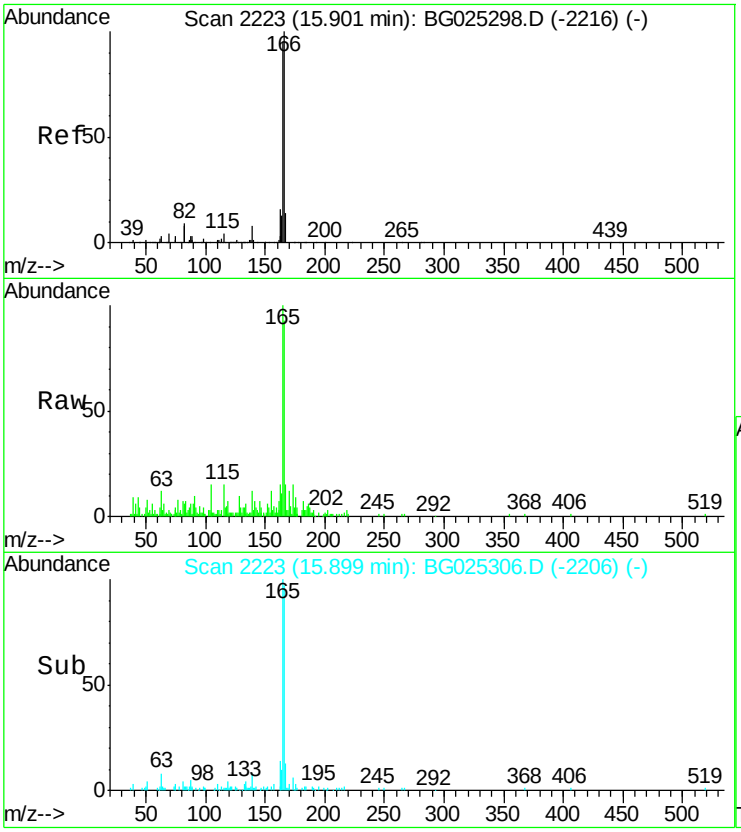


#53
Dibenzofuran
Concen: 3.09 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Tgt Ion:168 Resp: 56404

Ion	Ratio	Lower	Upper
168	100		
139	37.1	33.8	50.8



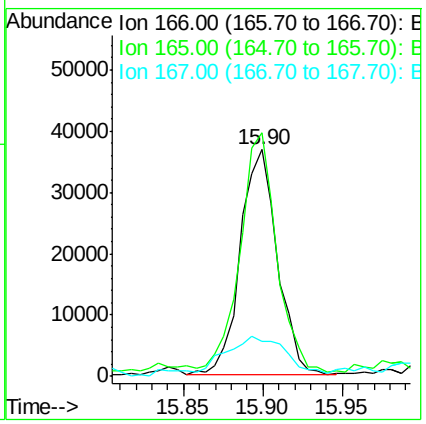


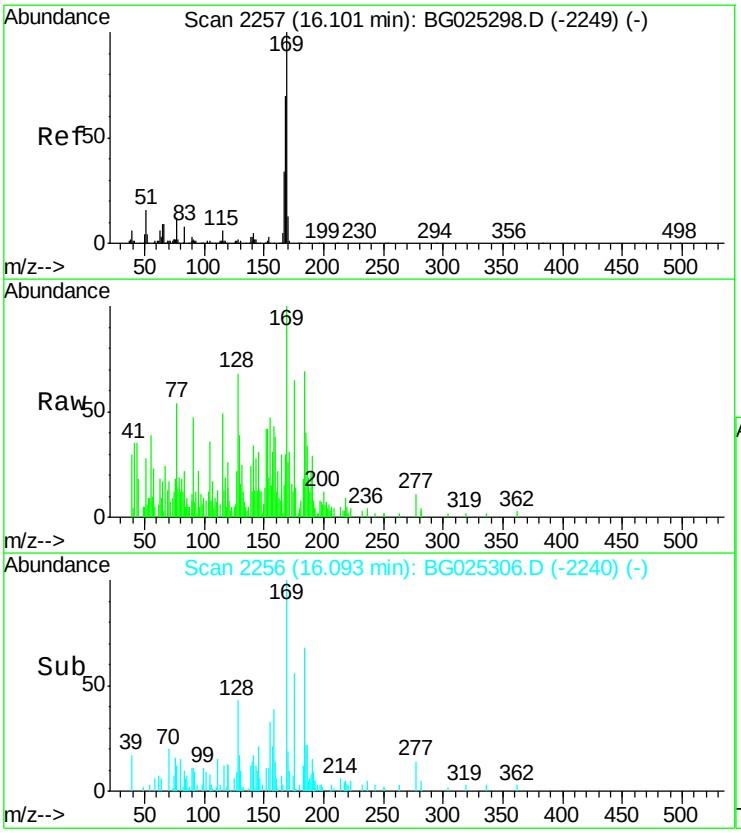
#58
Fluorene
Concen: 3.98 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 59171

Ion	Ratio	Lower	Upper
166	100		
165	107.5	79.7	119.5
167	15.7	11.4	17.2





#64
N-Nitrosodiphenylamine
Concen: 1.04 ng/ul
RT: 16.09 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BG025306.D
Acq: 18 Dec 2016 11:54

Tgt Ion:169 Resp: 12842

Ion	Ratio	Lower	Upper
169	100		
168	29.6	59.1	88.7#
167	15.2	29.7	44.5#