Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025132.D
Acq On : 13 Dec 2016 2:37
Operator : UM/SJ
Sample : H5863-22DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

Quant Time: Dec 13 05:54:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 01:00:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	102257	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	461897	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	351903	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	754054	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	917165	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	925415	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	4524	2.29	ng/uL	-0.01
5) Phenol-d5	7.38	99	48846	5.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	33382	6.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	34529	5.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	41588	5.64	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	21238	6.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	23613	5.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	43235	5.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	102043	13.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	153036	6.32	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	177329	6.69	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	28008	6.73	ng/ul	0.00
57) Fluorene-d10	15.85	176	171535	7.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	29946	6.42	ng/ul	0.00
70) Anthracene-d10	17.70	188	228412	7.18	ng/ul	0.00
76) Pyrene-d10	19.97	212	269473	7.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	265731	7.09	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.37	77	11258	1.70	ng/ul#	1
6) Phenol	7.41	94	31342	3.46	ng/ul	93
11) 2-Methylphenol	8.68	108	44579	6.69	ng/ul	95
16) 4-Methylphenol	9.01	108	146224	19.71	ng/ul	89
24) 2,4-Dimethylphenol	10.21	107	168155	17.78	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.49	93	18424	1.90	ng/ul#	1
27) 2,4-Dichlorophenol	10.69	162	29769	3.91	ng/ul#	34
28) Naphthalene	11.12	128	444661	20.71	ng/ul	99
34) 2-Methylnaphthalene	12.71	142	678421	40.04	ng/ul	93
40) 1,1'-Biphenyl	13.69	154	150822	7.07	ng/ul	95
42) 2-Nitroaniline	14.00	65	13394	2.01	ng/ul#	34
44) Dimethylphthalate	14.30	163	56201	2.36	ng/ul#	92
49) Acenaphthene	14.93	153	38597	2.19	ng/ul	92
53) Dibenzofuran	15.26	168	103253	3.70	ng/ul	98
58) Fluorene	15.90	166	109629	4.82	ng/ul	96
64) N-Nitrosodiphenylamine	16.10	169	22579	1.16	ng/ul#	63
69) Phenanthrene	17.64	178	60814	1.69	ng/ul#	94

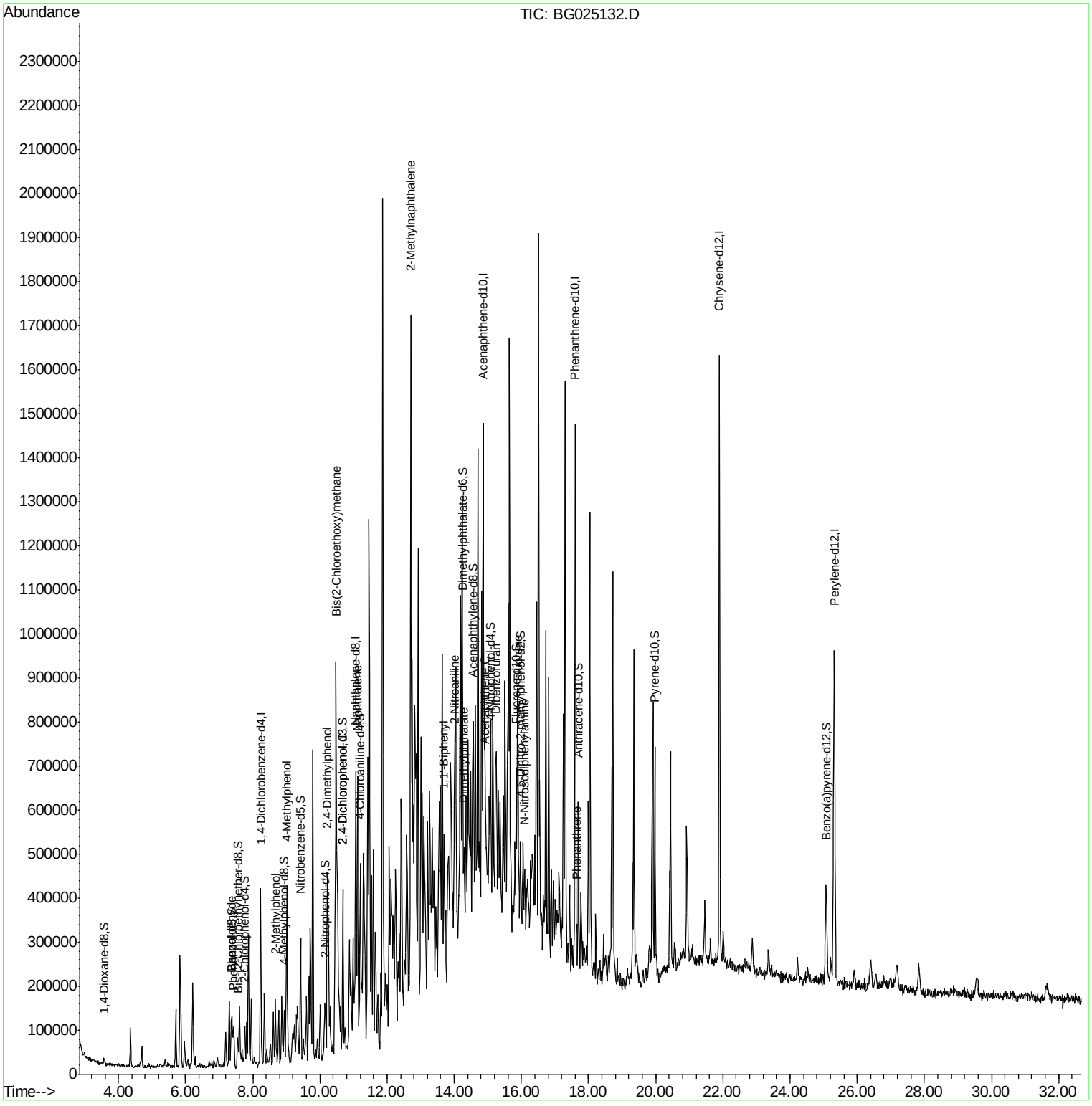
(#) = qualifier out of range (m) = manual integration (+) = signals summed

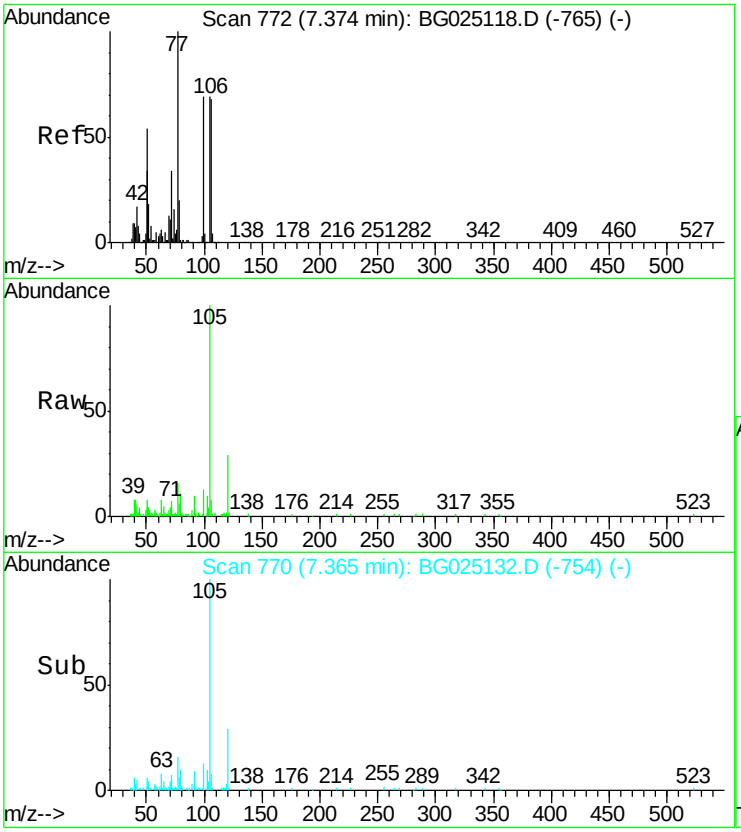
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025132.D
Acq On : 13 Dec 2016 2:37
Operator : UM/SJ
Sample : H5863-22DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA802DL

Quant Time: Dec 13 05:54:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 01:00:05 2016
Response via : Initial Calibration



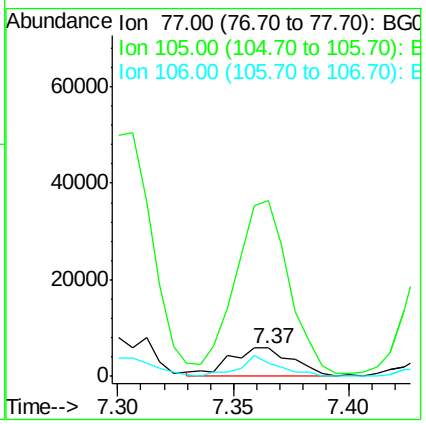


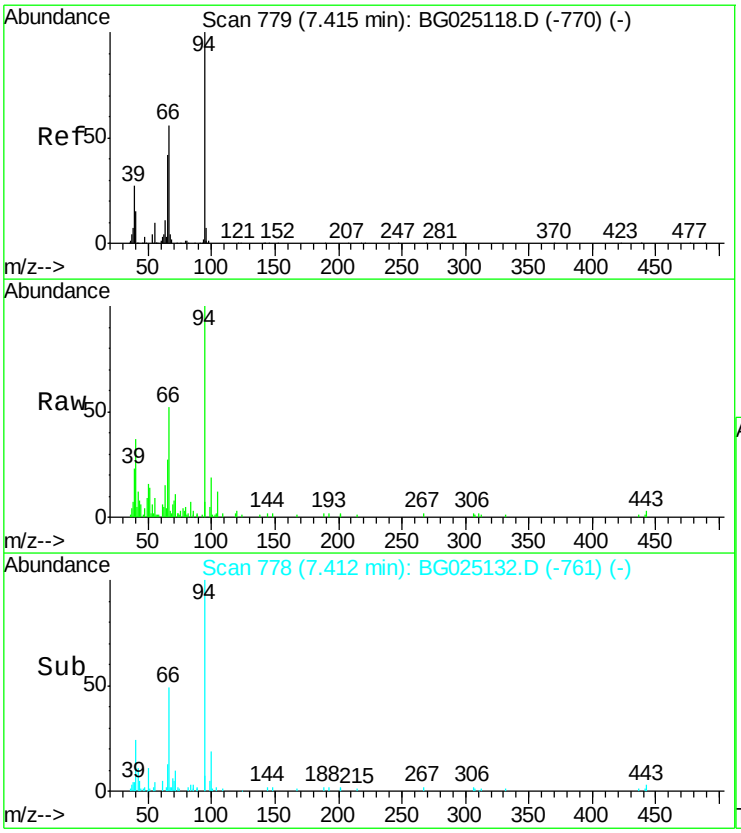
#4
Benzaldehyde
Concen: 1.70 ng/ul
RT: 7.37 min Scan# 770
Delta R.T. -0.01 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion: 77 Resp: 11258

Ion	Ratio	Lower	Upper
77	100		
105	616.4	62.0	93.0#
106	48.7	60.2	90.4#

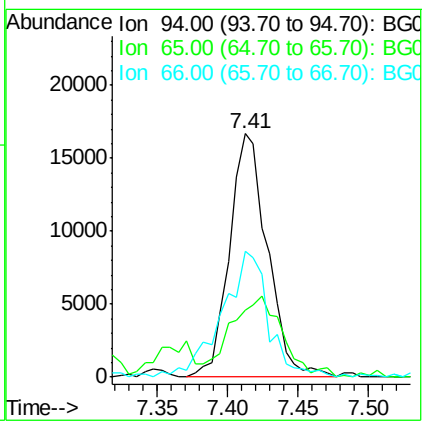


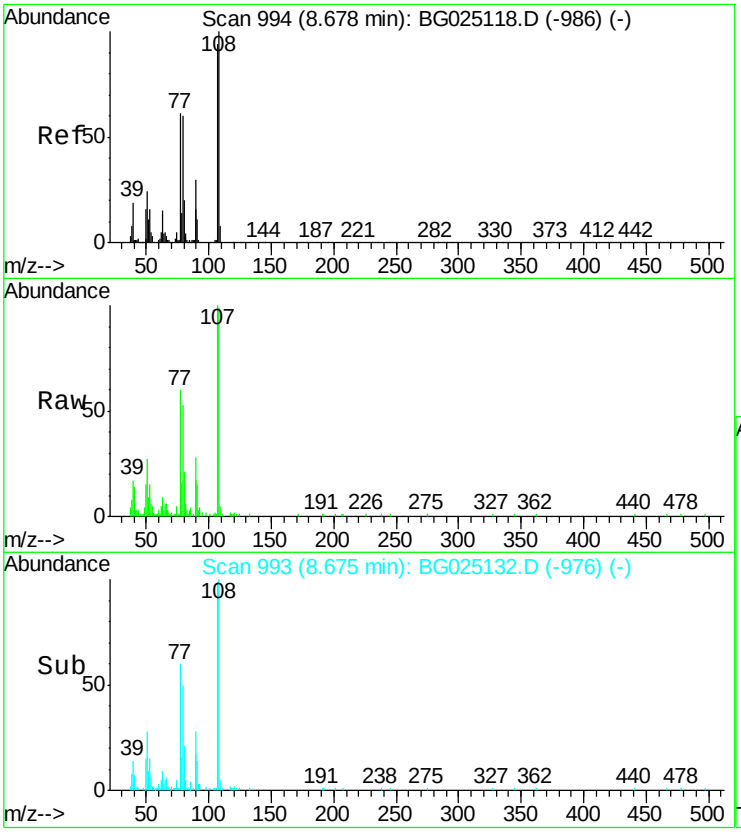


#6
Phenol
Concen: 3.46 ng/ul
RT: 7.41 min Scan# 778
Delta R.T. -0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Tgt Ion: 94 Resp: 31342

Ion	Ratio	Lower	Upper
94	100		
65	27.5	26.8	40.2
66	51.7	44.4	66.6



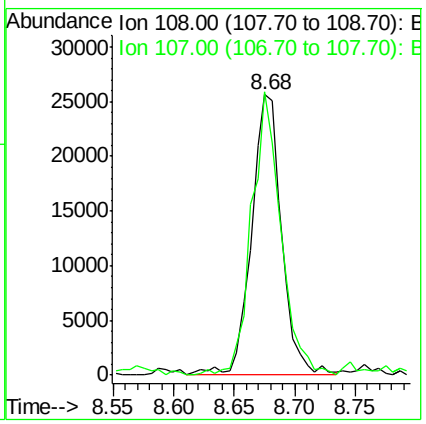


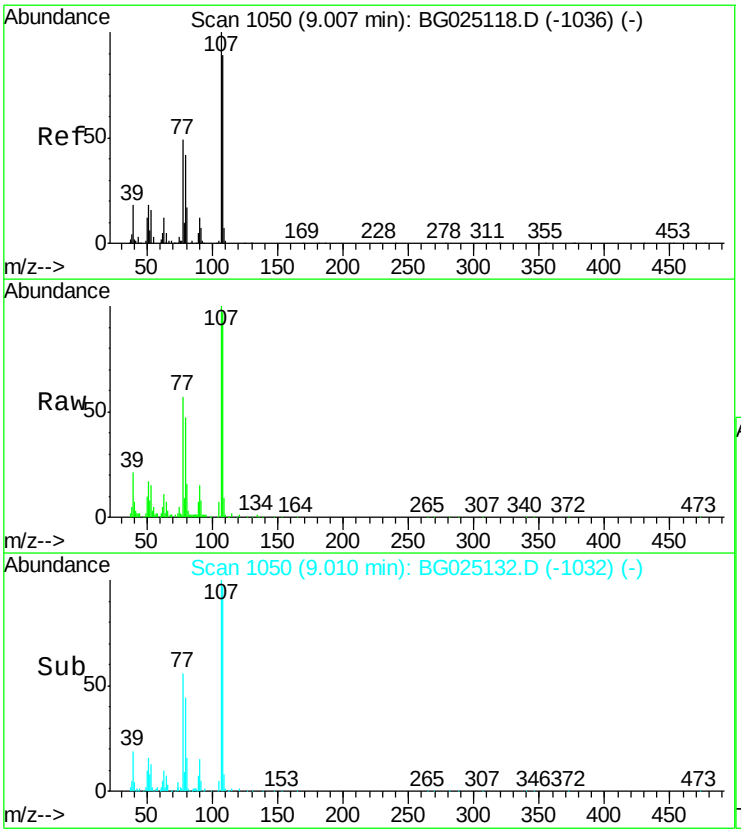
#11
2-Methylphenol
Concen: 6.69 ng/ul
RT: 8.68 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion:108 Resp: 44579

Ion	Ratio	Lower	Upper
108	100		
107	100.9	76.7	115.1

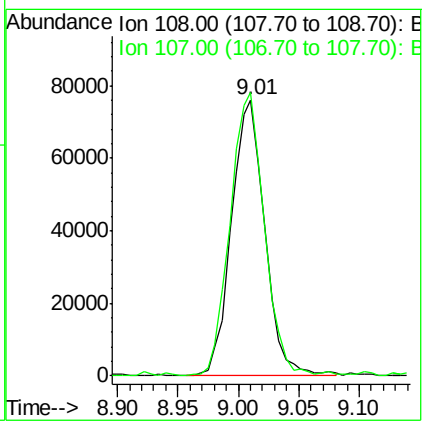


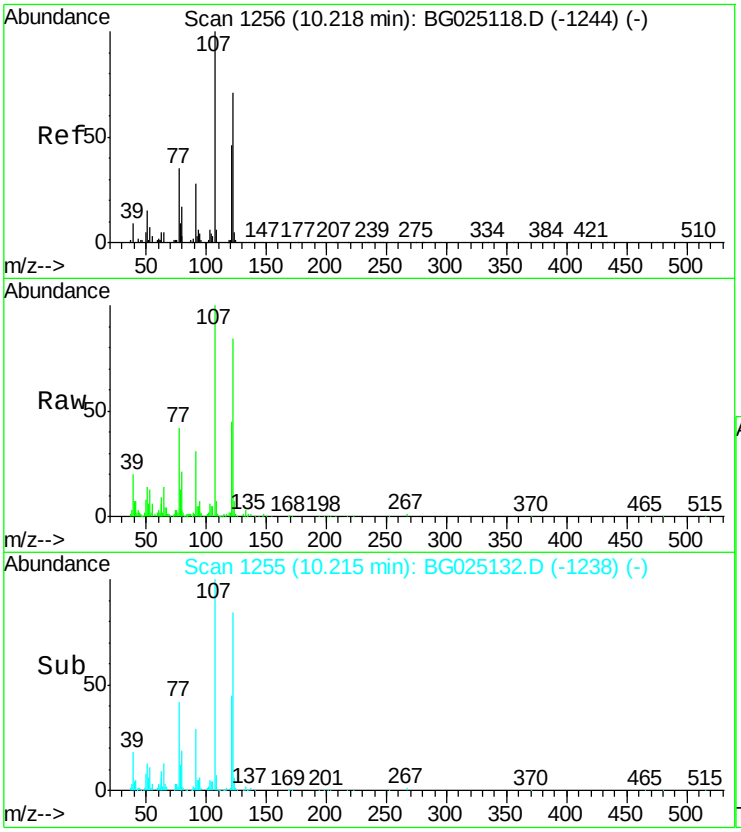


#16
4-Methylphenol
Concen: 19.71 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Tgt Ion:108 Resp: 146224

Ion	Ratio	Lower	Upper
108	100		
107	102.7	91.7	137.5



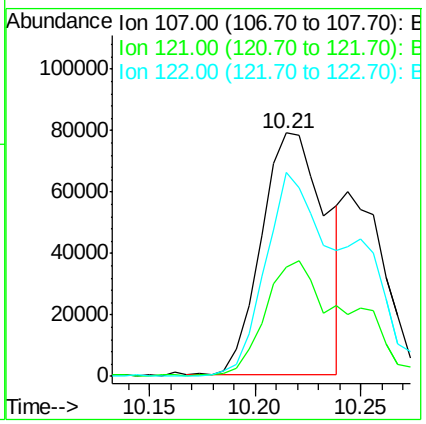


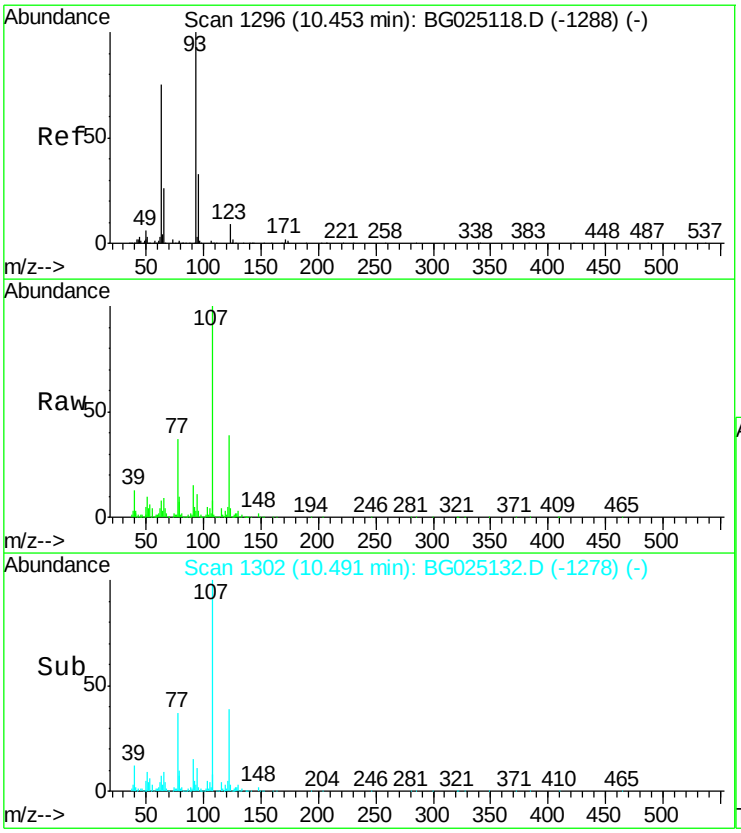
#24
2,4-Dimethylphenol
Concen: 17.78 ng/ul
RT: 10.21 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion:107 Resp: 168155

Ion	Ratio	Lower	Upper
107	100		
121	45.0	32.3	48.5
122	83.9	61.2	91.8

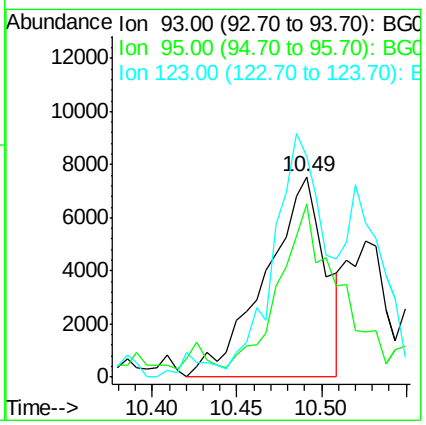


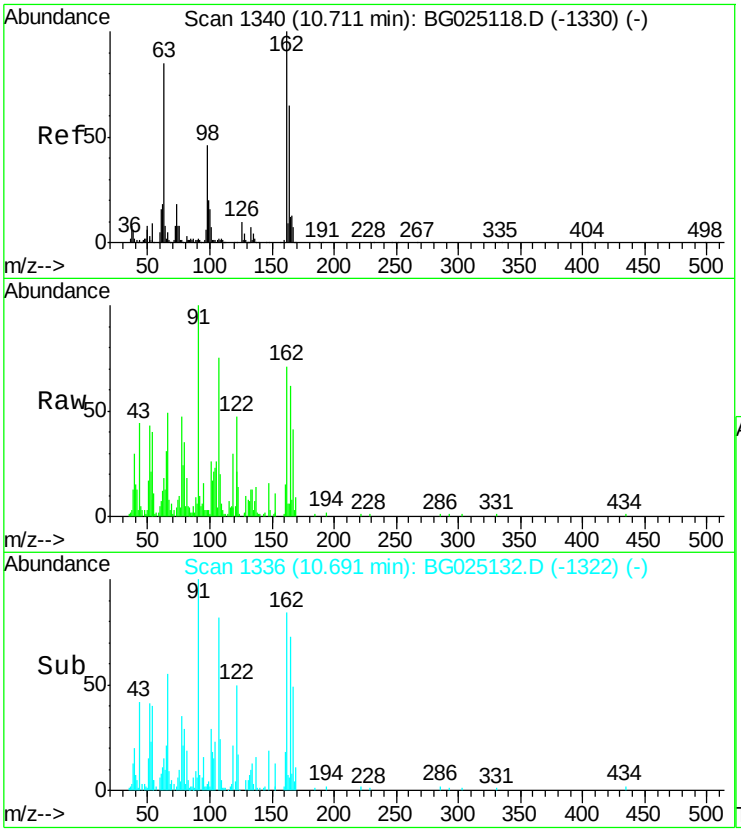


#25
Bis(2-Chloroethoxy)methane
Concen: 1.90 ng/ul
RT: 10.49 min Scan# 1302
Delta R.T. 0.04 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Tgt Ion: 93 Resp: 18424

Ion	Ratio	Lower	Upper
93	100		
95	86.5	23.4	35.0#
123	109.9	7.8	11.6#



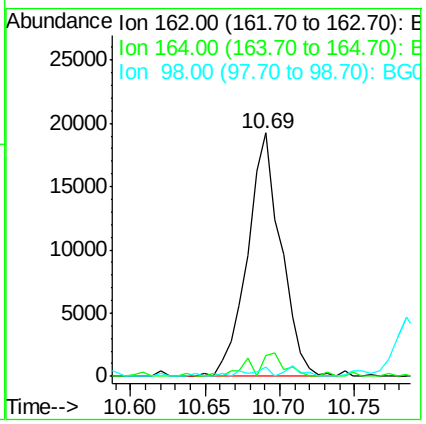


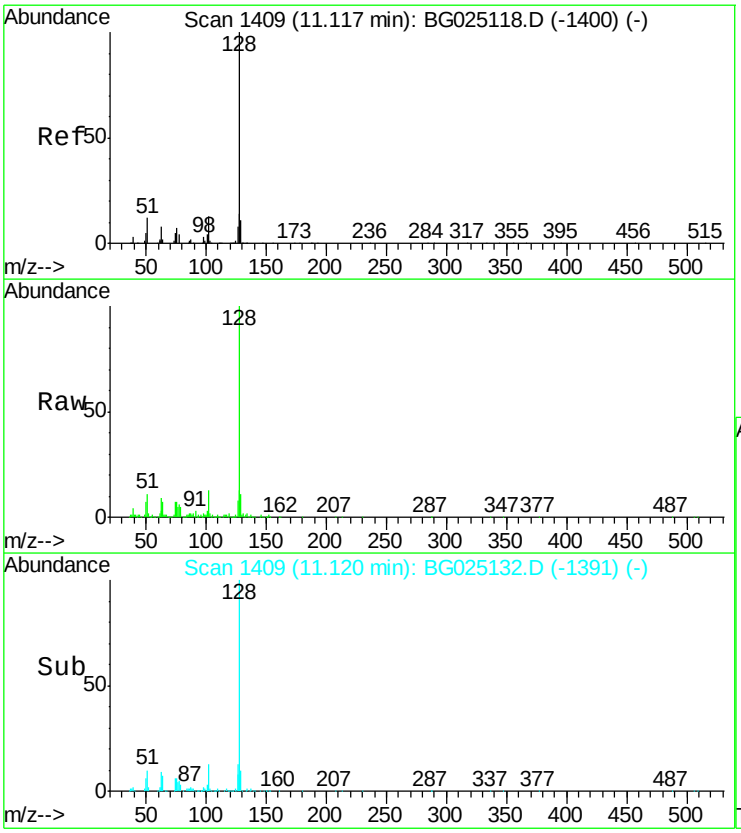
#27
2,4-Dichlorophenol
Concen: 3.91 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion:162 Resp: 29769

Ion	Ratio	Lower	Upper
162	100		
164	8.6	50.8	76.2#
98	3.9	32.1	48.1#

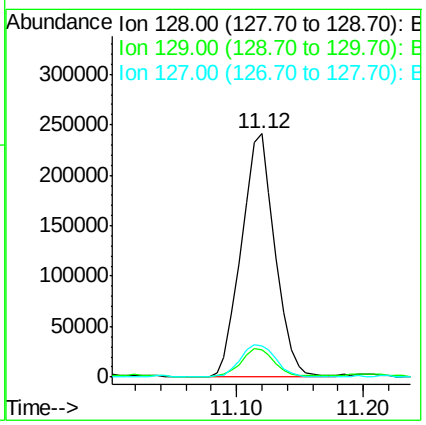


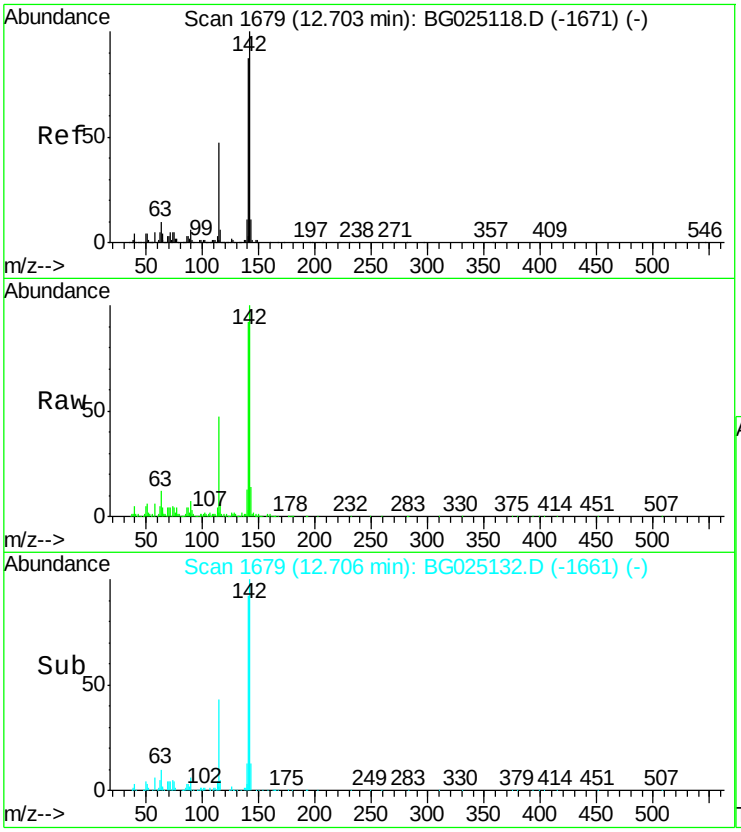


#28
Naphthalene
Concen: 20.71 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Tgt Ion:128 Resp: 444661

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	12.8	10.3	15.5



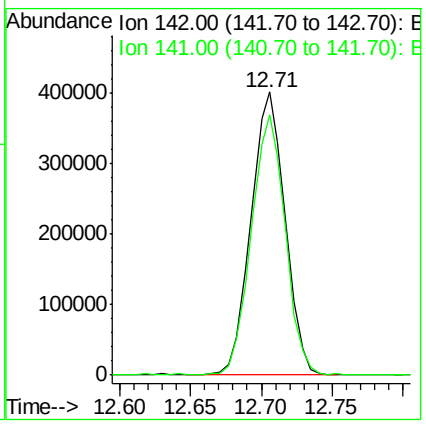


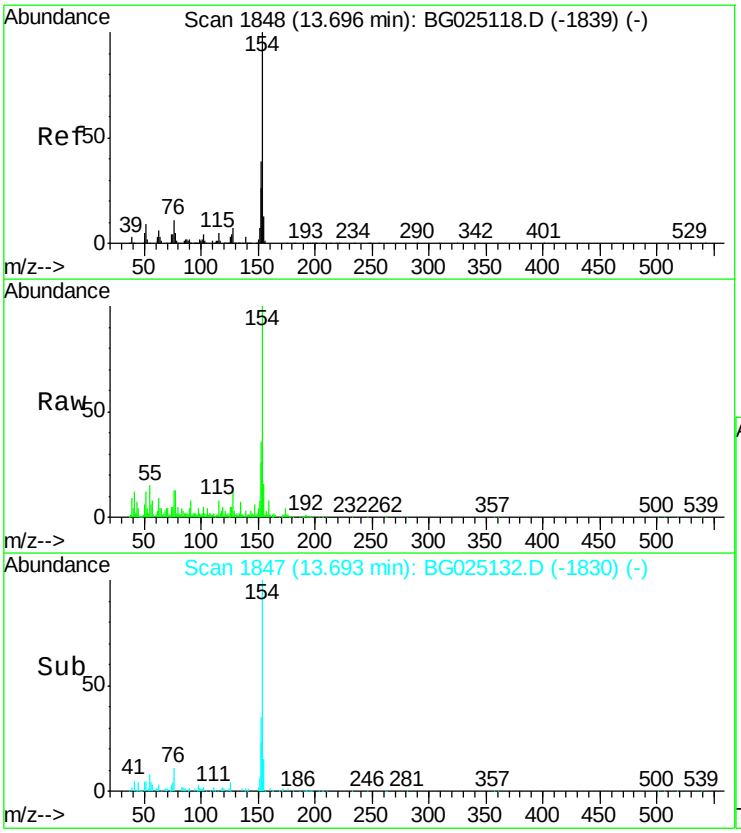
#34
2-Methylnaphthalene
Concen: 40.04 ng/ul
RT: 12.71 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion:142 Resp: 678421

Ion	Ratio	Lower	Upper
142	100		
141	92.1	68.6	102.8

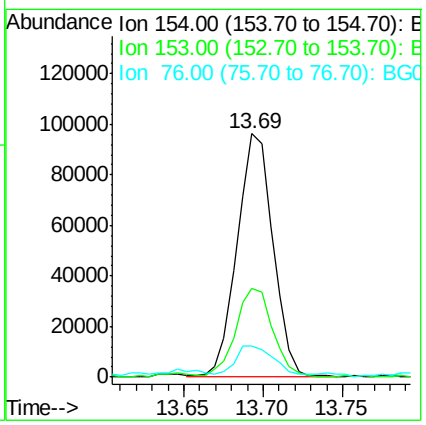


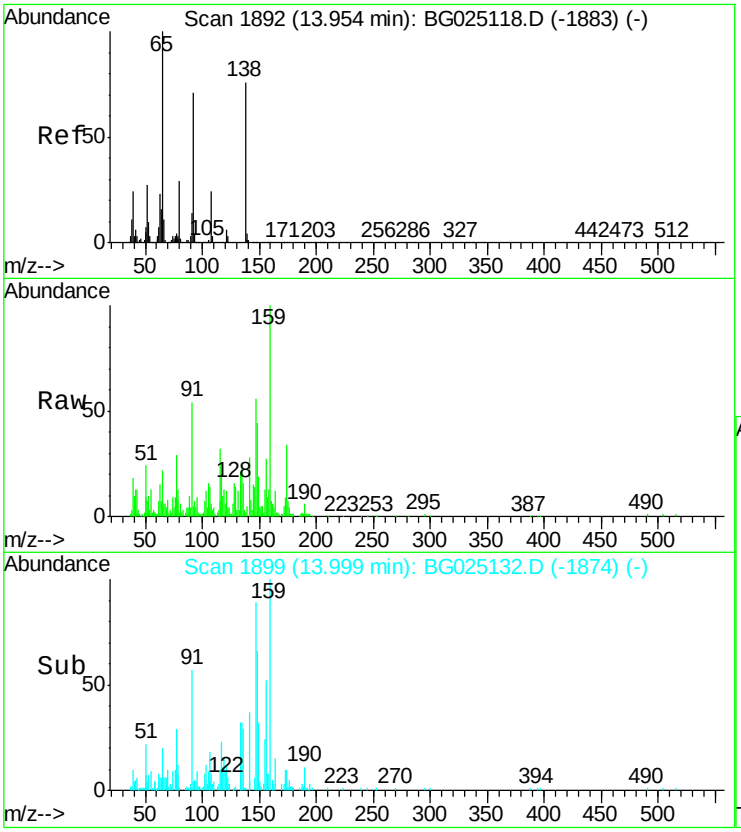


#40
1,1'-Biphenyl
Concen: 7.07 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Tgt Ion:154 Resp: 150822

Ion	Ratio	Lower	Upper
154	100		
153	36.4	32.2	48.2
76	13.0	9.6	14.4



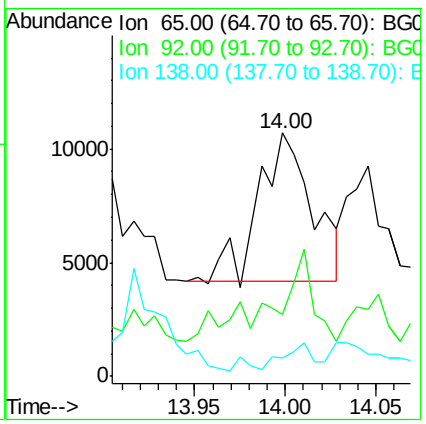


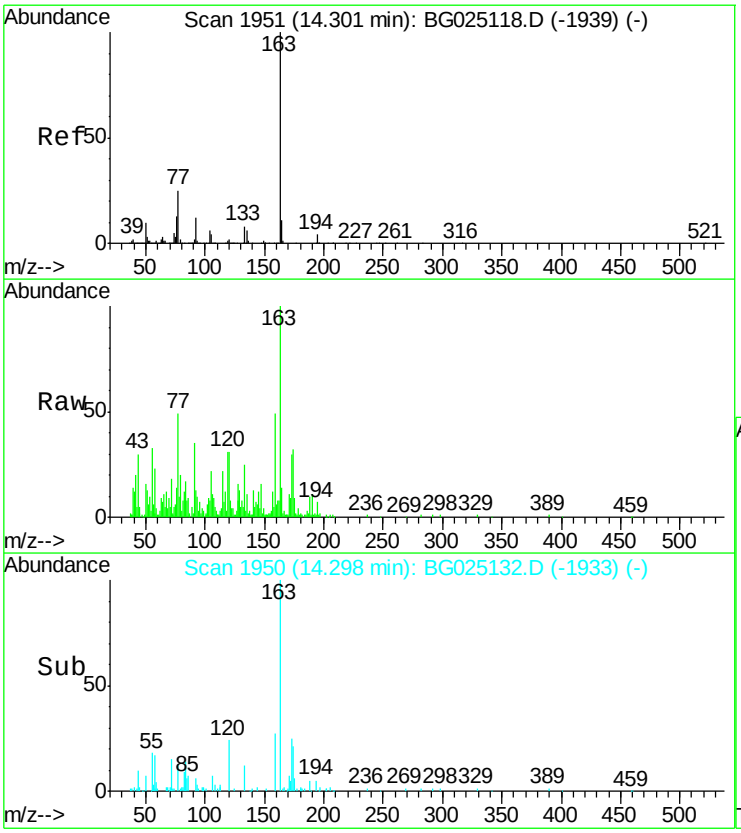
#42
2-Nitroaniline
Concen: 2.01 ng/ul
RT: 14.00 min Scan# 1899
Delta R.T. 0.04 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion: 65 Resp: 13394

Ion	Ratio	Lower	Upper
65	100		
92	25.3	50.9	76.3#
138	7.8	61.8	92.6#

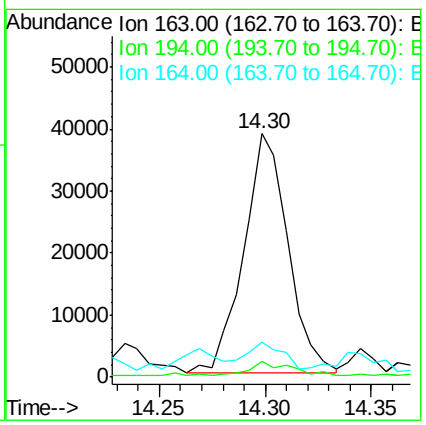


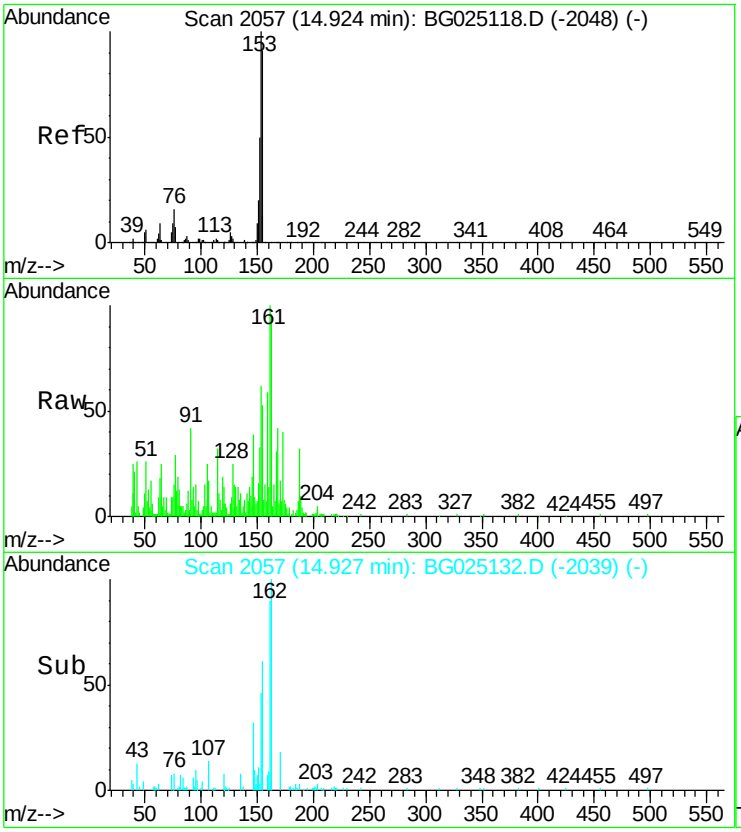


#44
Dimethylphthalate
Concen: 2.36 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Tgt Ion:163 Resp: 56201

Ion	Ratio	Lower	Upper
163	100		
194	6.7	3.4	5.0#
164	14.2	9.0	13.4#



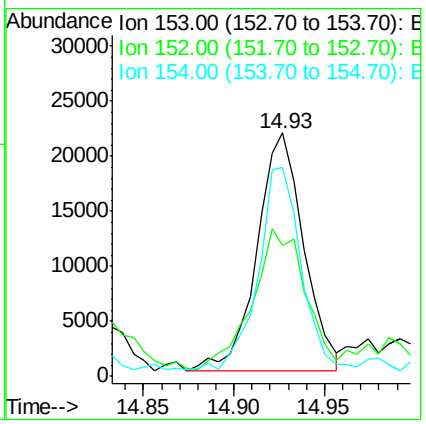


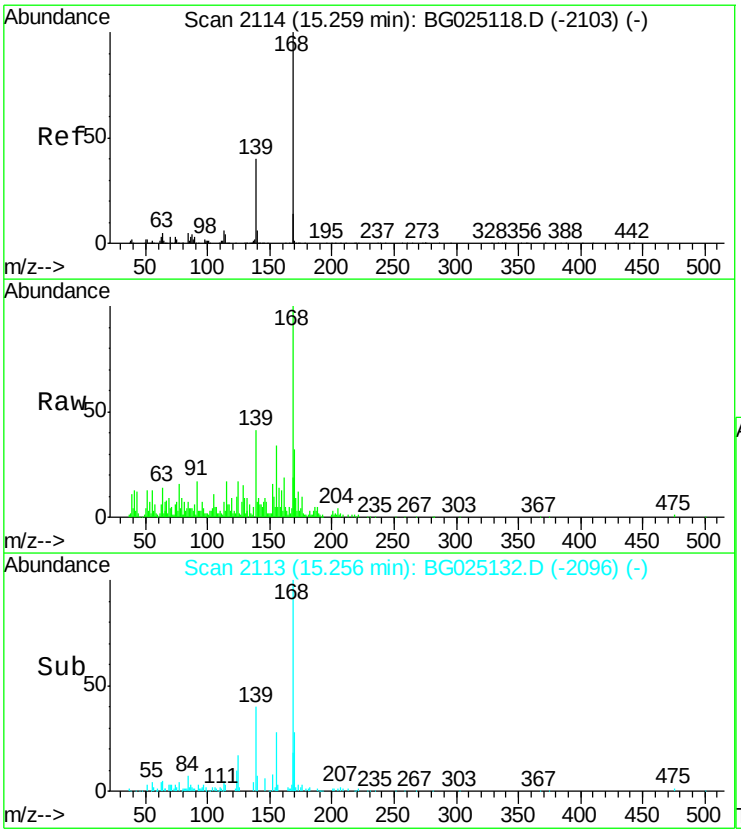
#49
Acenaphthene
Concen: 2.19 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion:153 Resp: 38597

Ion	Ratio	Lower	Upper
153	100		
152	53.8	36.5	54.7
154	85.6	72.3	108.5

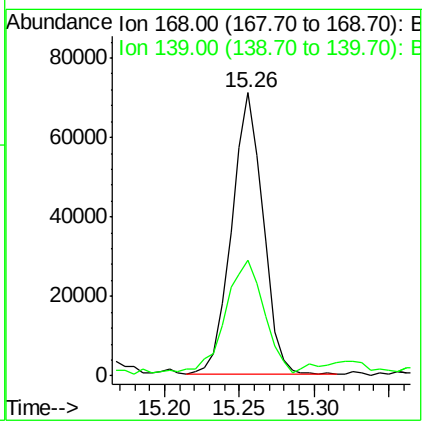


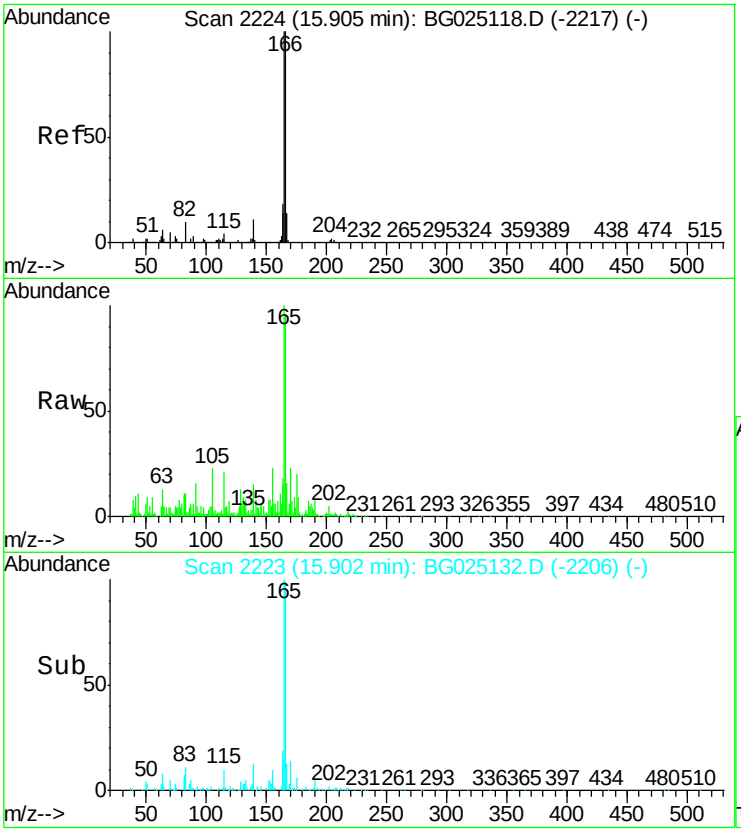


#53
Dibenzofuran
Concen: 3.70 ng/ul
RT: 15.26 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Tgt Ion:168 Resp: 103253

Ion	Ratio	Lower	Upper
168	100		
139	40.7	33.8	50.8



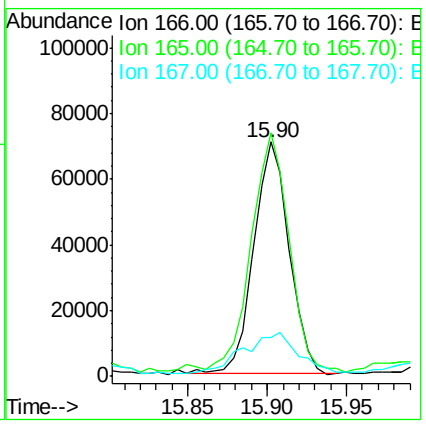


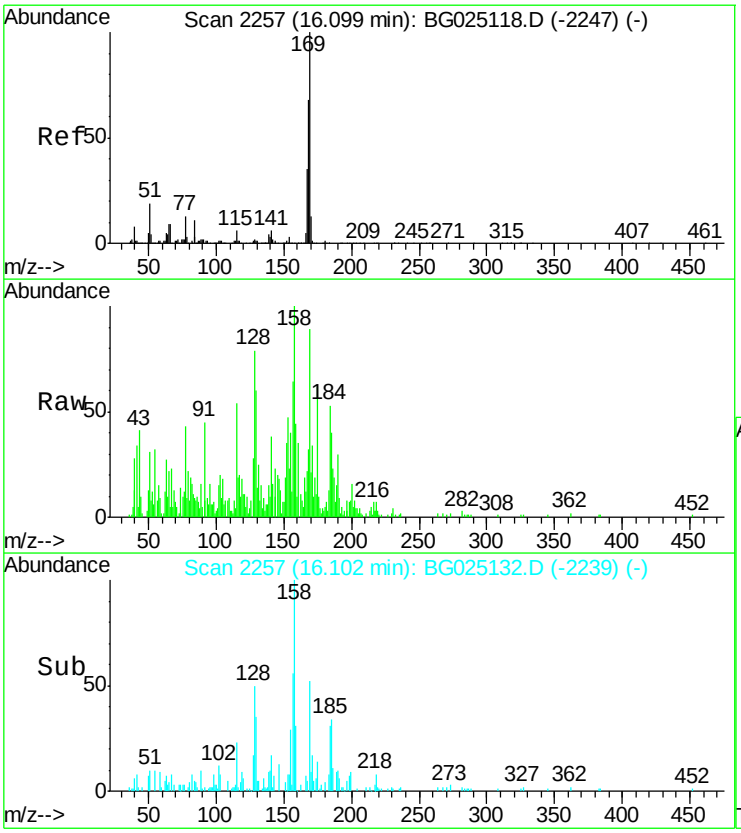
#58
Fluorene
Concen: 4.82 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion:166 Resp: 109629

Ion	Ratio	Lower	Upper
166	100		
165	103.9	79.7	119.5
167	16.7	11.4	17.2

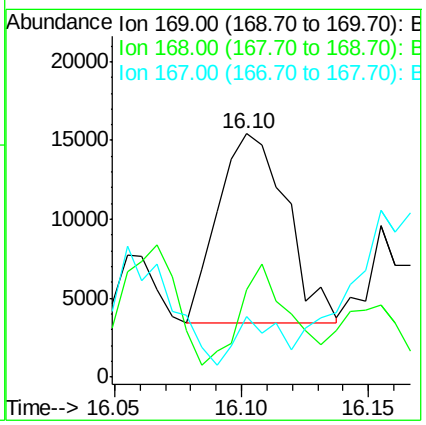


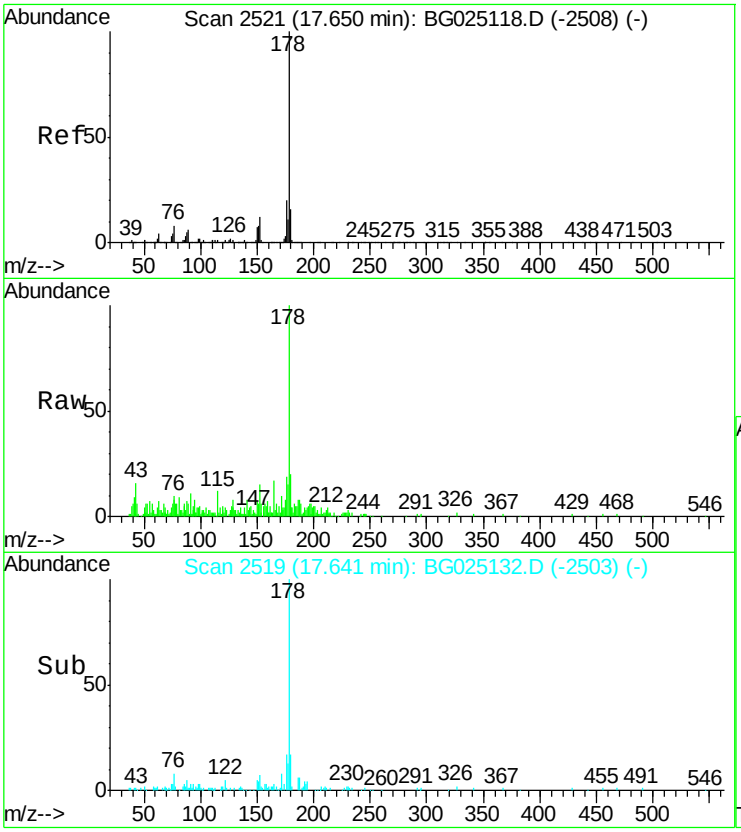


#64
N-Nitrosodiphenylamine
Concen: 1.16 ng/ul
RT: 16.10 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Tgt Ion:169 Resp: 22579

Ion	Ratio	Lower	Upper
169	100		
168	35.7	59.1	88.7#
167	24.9	29.7	44.5#





#69
Phenanthrene
Concen: 1.69 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG025132.D
Acq: 13 Dec 2016 2:37

Instrument :
BNA_G
ClientSampleId :
DA802DL

Tgt Ion:178 Resp: 60814

Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.4	18.6#
176	19.1	16.5	24.7