Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 12 08:19:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 08:16:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	168945	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	685012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	541868	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	1093586	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1352625	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	1416843	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	2911	0.89	ng/uL	0.00
5) Phenol-d5	7.39	99	36867	2.53	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	27808	3.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	26710	2.62	ng/ul	0.01
13) 4-Methylphenol-d8	8.94	113	34746	2.85	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	17208	3.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	18119	3.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	34255	2.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	168940	14.78	ng/ul	0.03
43) Dimethylphthalate-d6	14.25	166	112849	3.03	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	146486	3.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	34903	5.45	ng/ul	0.04
57) Fluorene-d10	15.85	176	119355	3.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	24524	3.63	ng/ul	0.01
70) Anthracene-d10	17.70	188	171649	3.72	ng/ul	0.00
76) Pyrene-d10	19.98	212	209053	3.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	207305	3.61	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	7.36	77	28152	2.57	ng/ul#	1
6) Phenol	7.41	94	28810	1.93	ng/ul#	80
11) 2-Methylphenol	8.68	108	48506	4.40	ng/ul	97
14) Acetophenone	9.07	105	75308	4.06	ng/ul	96
16) 4-Methylphenol	9.01	108	37635	3.07	ng/ul	83
17) Hexachloroethane	9.35	117	38072	8.39	ng/ul#	1
24) 2,4-Dimethylphenol	10.25	107	97360	6.94	ng/ul	93
28) Naphthalene	11.12	128	372581	11.70	ng/ul	97
32) Caprolactam	12.03	113	5424	1.16	ng/ul#	1
34) 2-Methylnaphthalene	12.70	142	537572	21.39	ng/ul	95
40) 1,1'-Biphenyl	13.70	154	69064	2.10	ng/ul#	95
49) Acenaphthene	14.93	153	74810	2.75	ng/ul#	86
53) Dibenzofuran	15.26	168	170201	3.96	ng/ul	93
54) 2,4-Dinitrotoluene	15.24	165	25065	2.11	ng/ul#	67
58) Fluorene	15.90	166	173983	4.97	ng/ul#	90
64) N-Nitrosodiphenylamine	16.11	169	100865	3.59	ng/ul#	43
69) Phenanthrene	17.65	178	133389	2.56	ng/ul#	87
74) Fluoranthene	19.64	202	89277	1.44	ng/ul#	89
77) Pyrene	20.01	202	156814	2.41	ng/ul	97

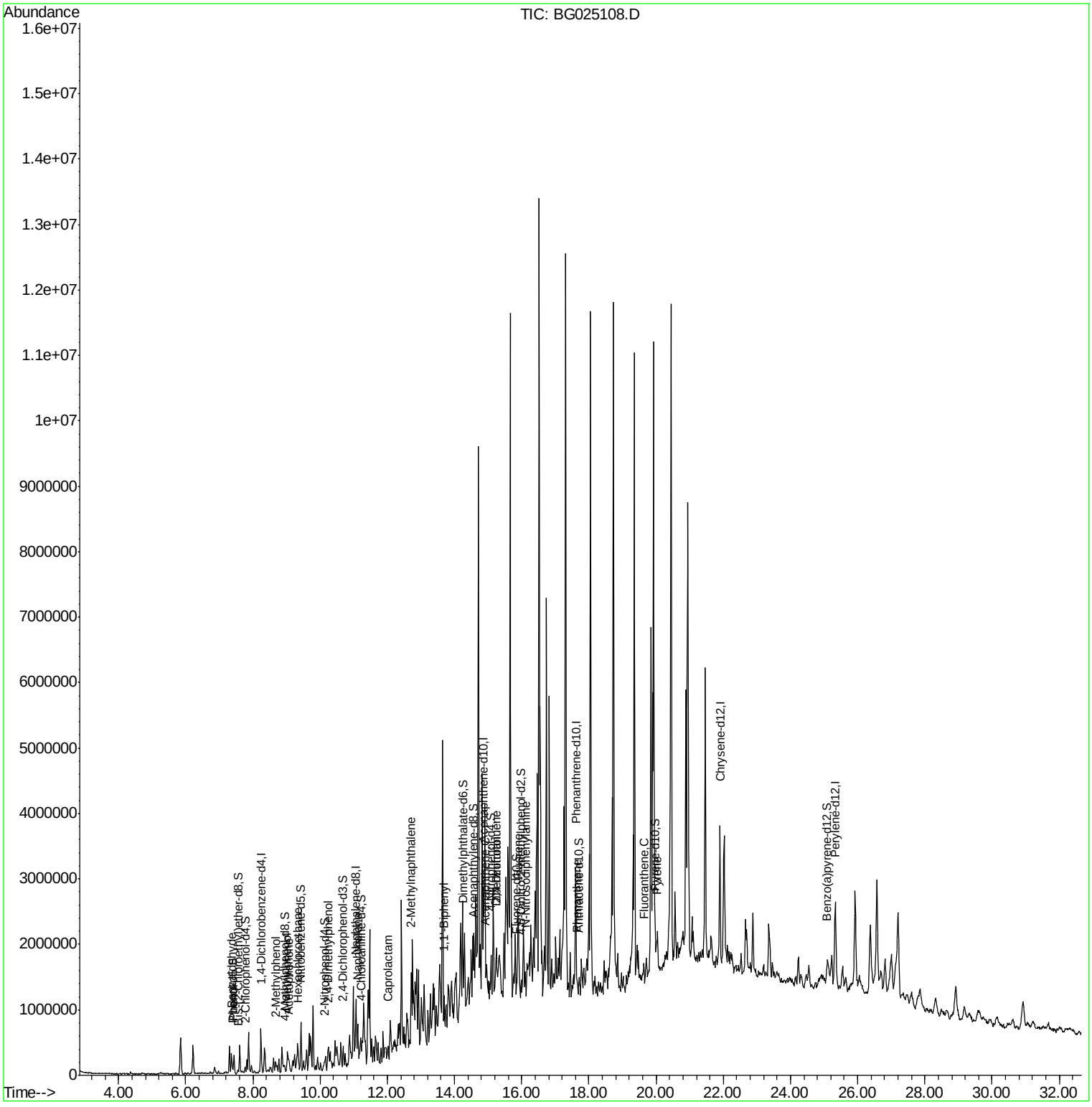
(#) = qualifier out of range (m) = manual integration (+) = signals summed

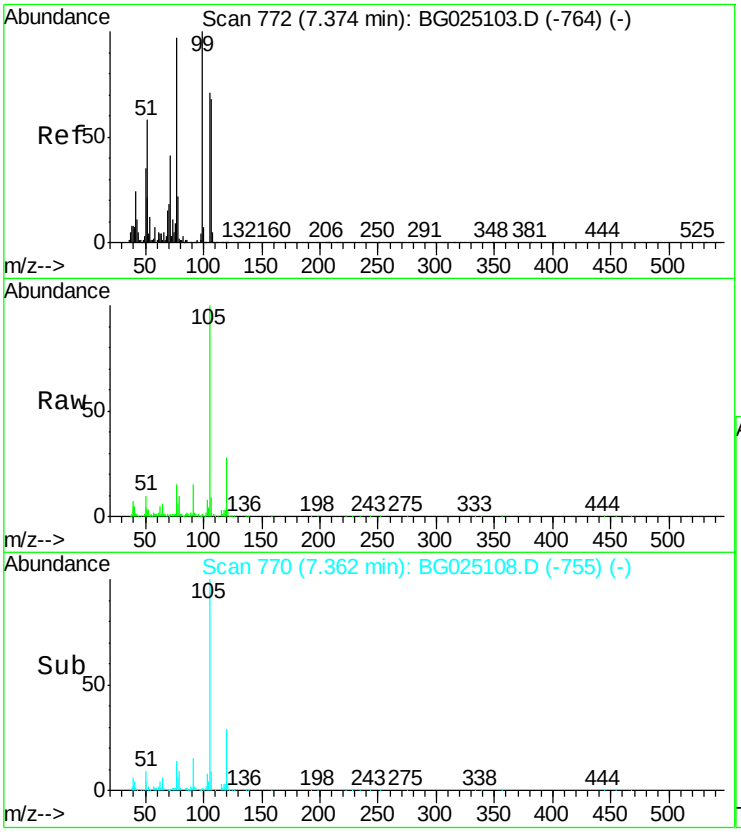
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 12 08:19:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 08:16:15 2016
Response via : Initial Calibration



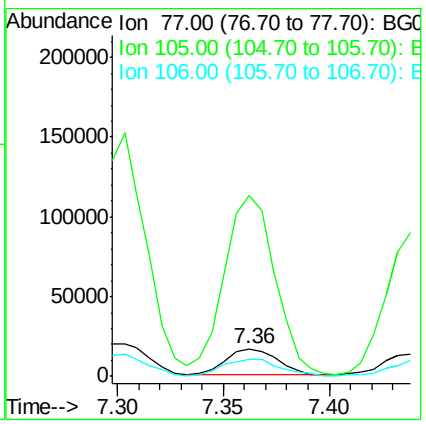


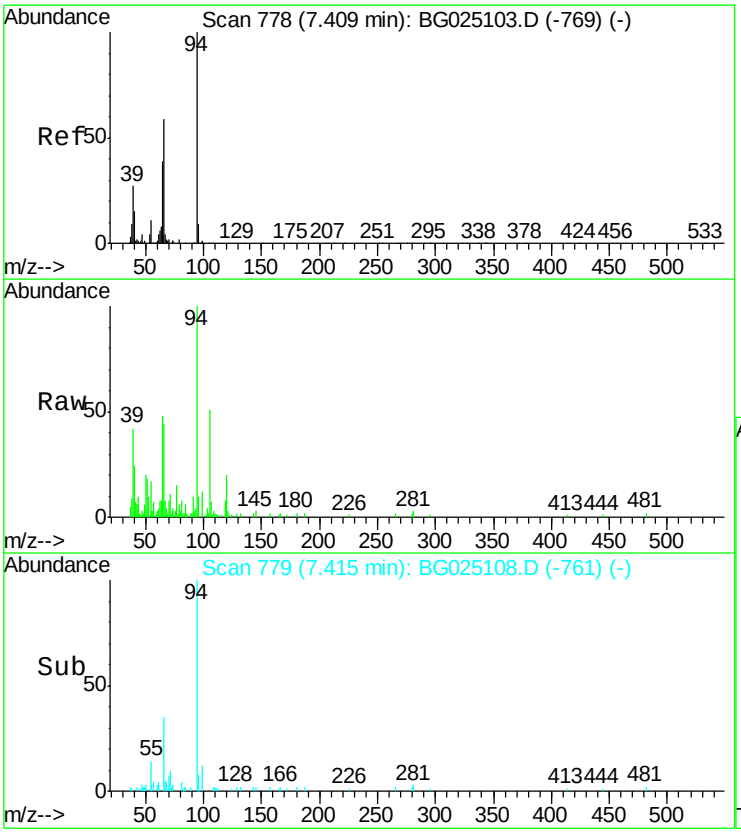
#4
Benzaldehyde
Concen: 2.57 ng/ul
RT: 7.36 min Scan# 770
Delta R.T. -0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 28152

Ion	Ratio	Lower	Upper
77	100		
105	658.0	62.0	93.0#
106	62.0	60.2	90.4

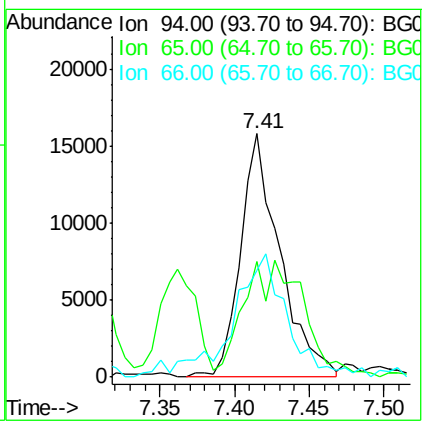


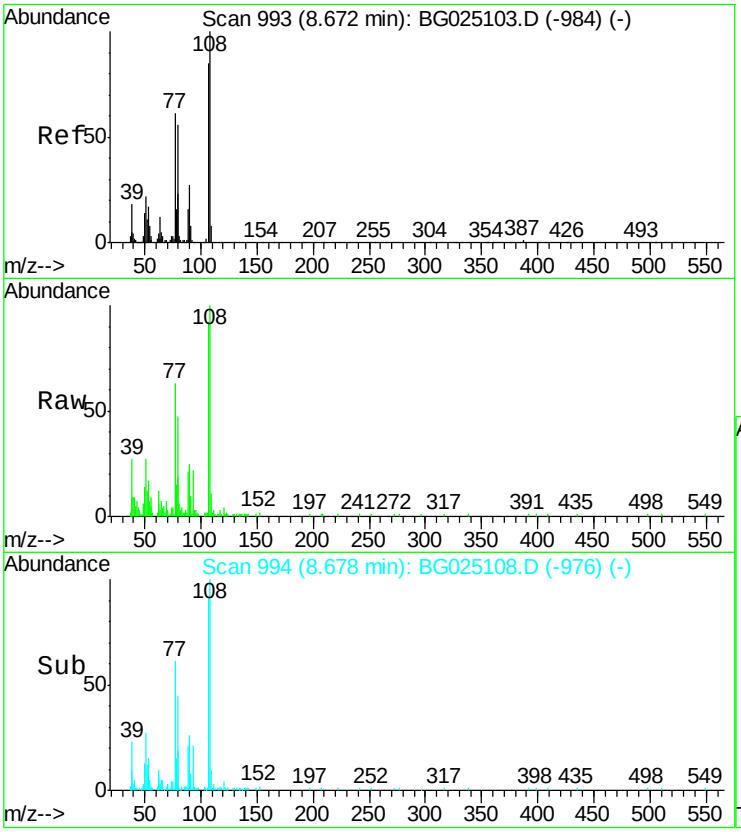


#6
Phenol
Concen: 1.93 ng/ul
RT: 7.41 min Scan# 779
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Tgt Ion: 94 Resp: 28810

Ion	Ratio	Lower	Upper
94	100		
65	47.5	26.8	40.2#
66	43.6	44.4	66.6#



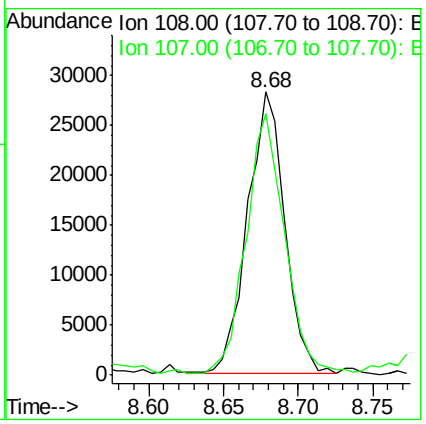


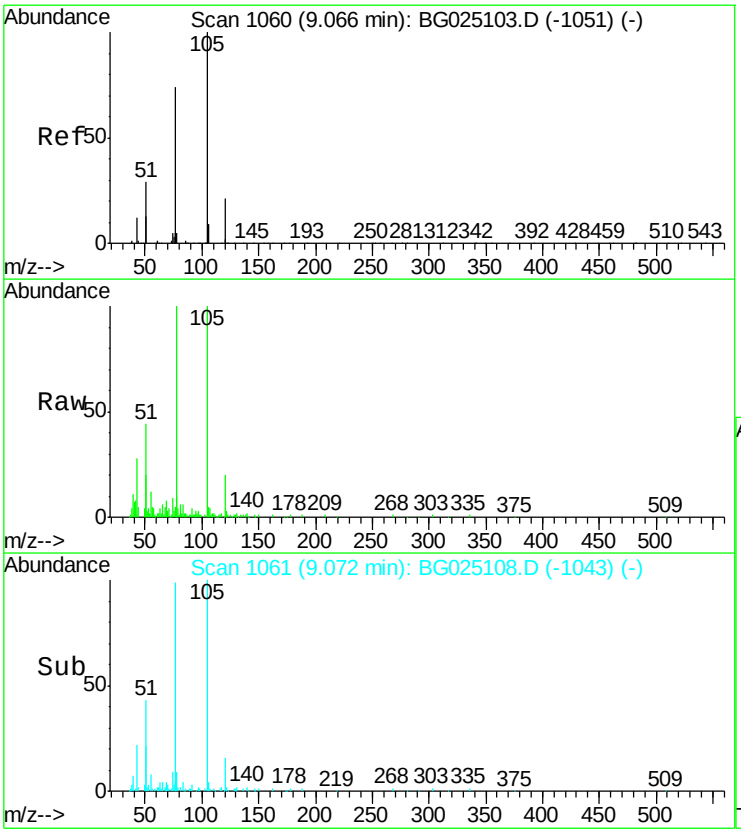
#11
2-Methylphenol
Concen: 4.40 ng/ul
RT: 8.68 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 48506

Ion	Ratio	Lower	Upper
108	100		
107	92.5	76.7	115.1

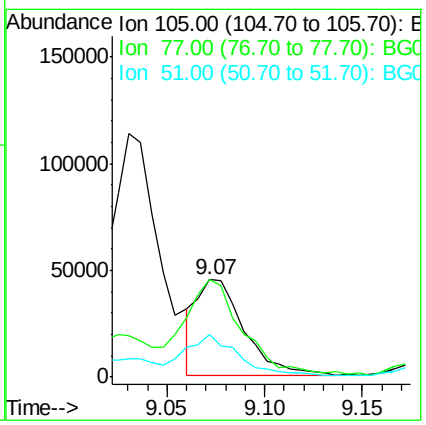


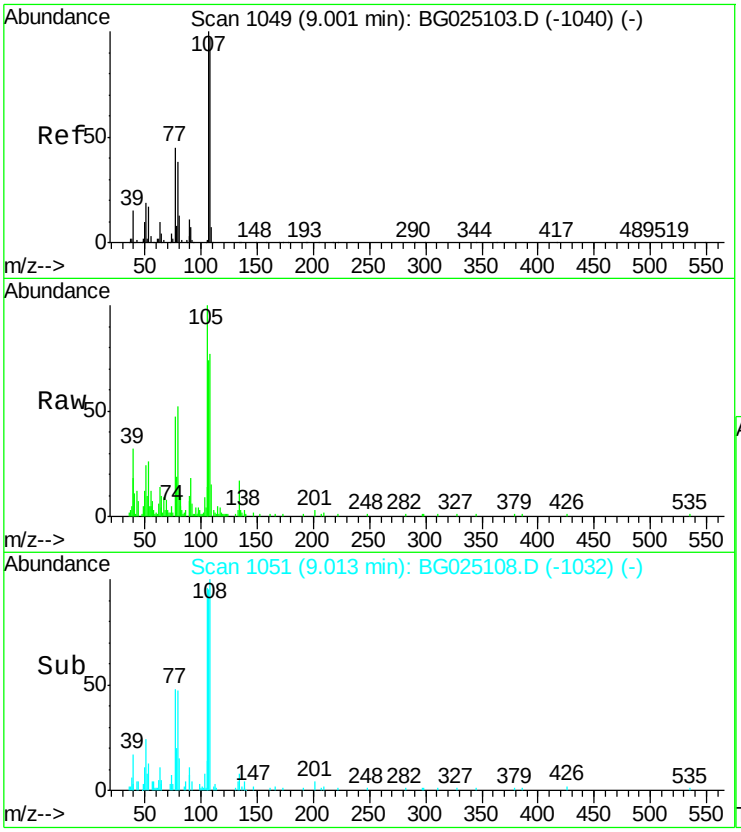


#14
Acetophenone
Concen: 4.06 ng/ul
RT: 9.07 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Tgt Ion:105 Resp: 75308

Ion	Ratio	Lower	Upper
105	100		
77	100.5	76.0	114.0
51	44.3	34.8	52.2



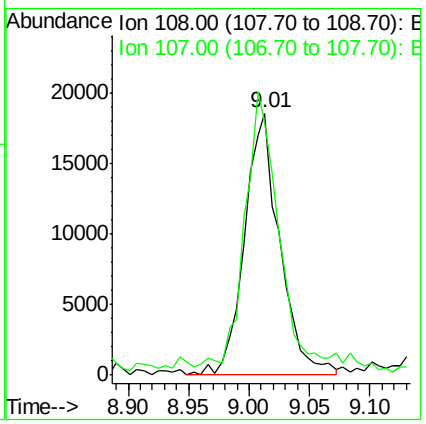


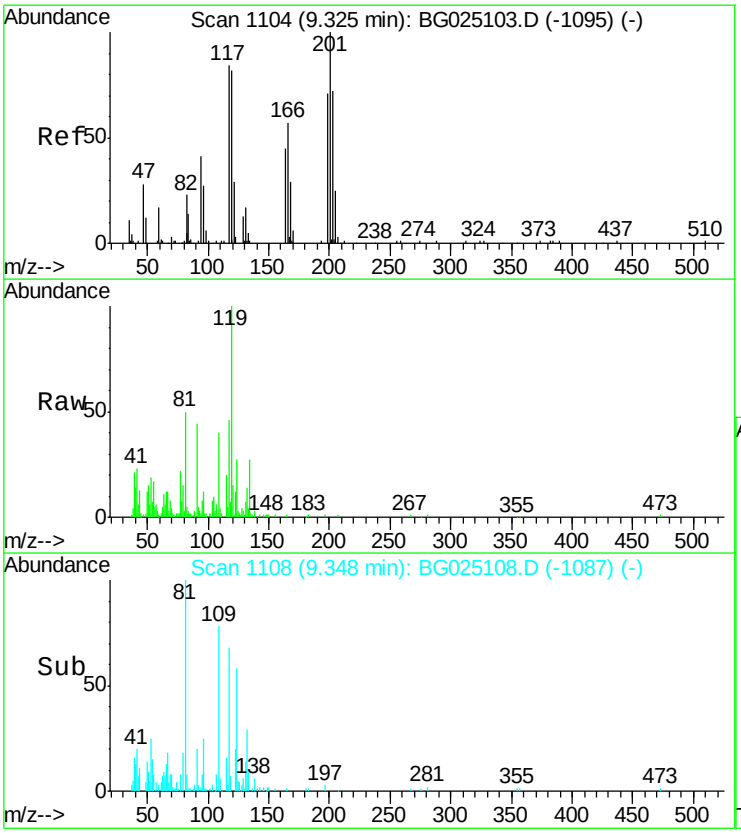
#16
4-Methylphenol
Concen: 3.07 ng/ul
RT: 9.01 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 37635

Ion	Ratio	Lower	Upper
108	100		
107	96.5	91.7	137.5

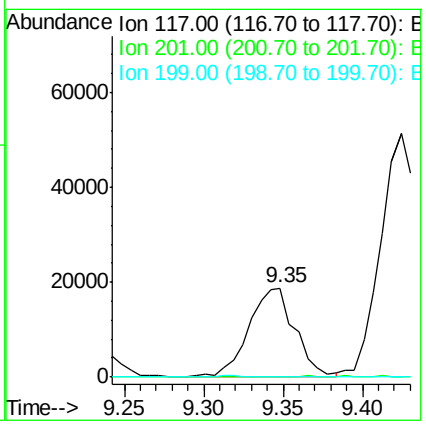


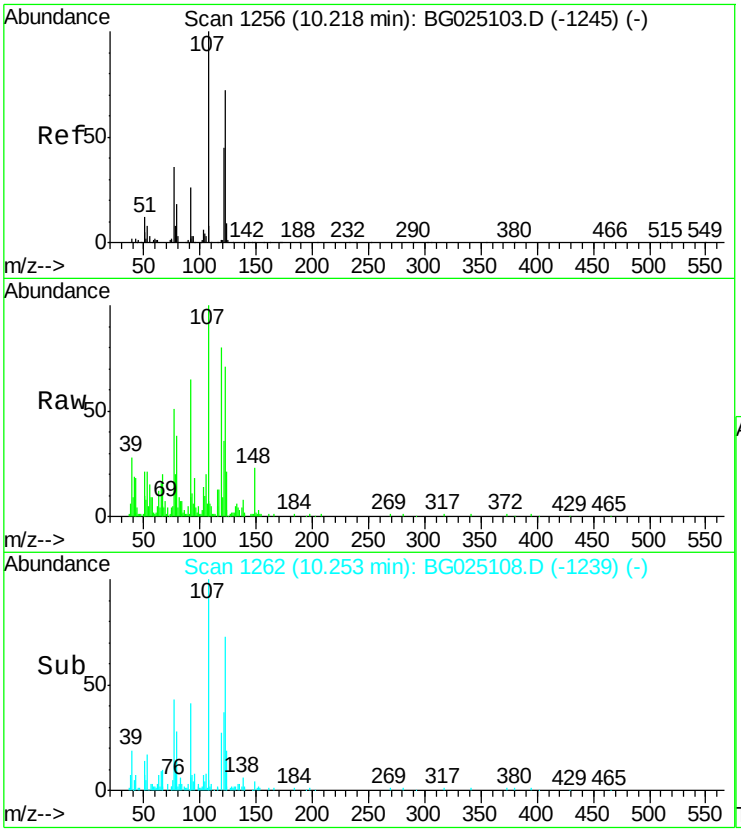


#17
Hexachloroethane
Concen: 8.39 ng/ul
RT: 9.35 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Tgt Ion:117 Resp: 38072

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



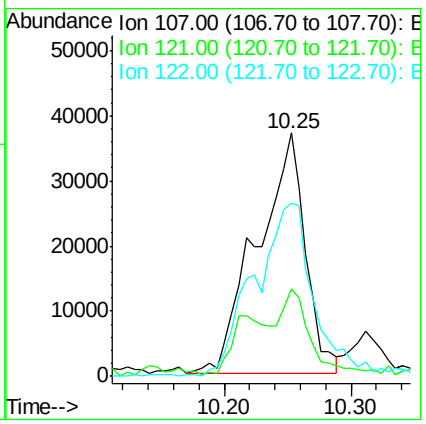


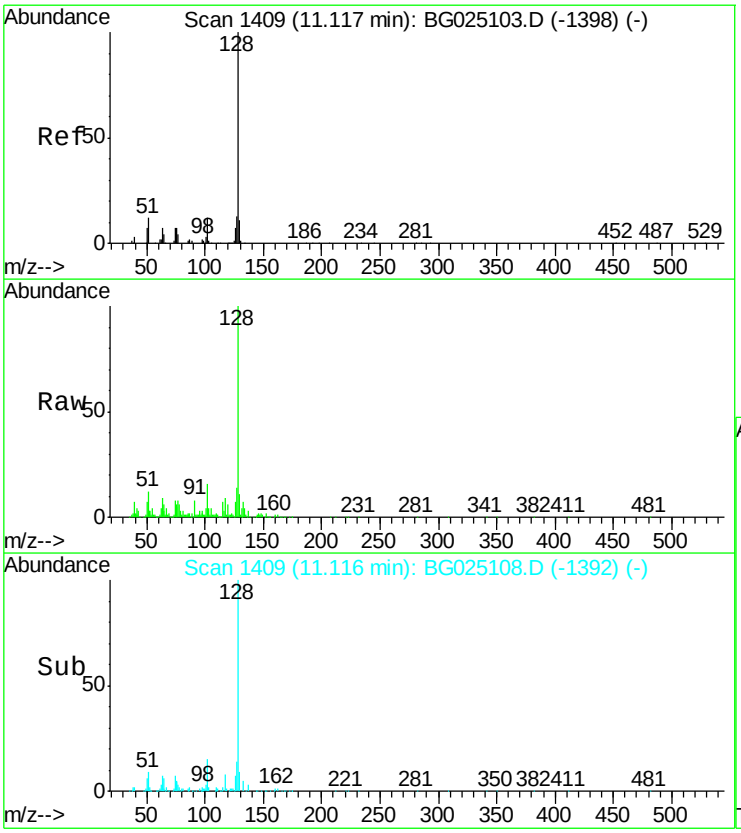
#24
2,4-Dimethylphenol
Concen: 6.94 ng/ul
RT: 10.25 min Scan# 1262
Delta R.T. 0.04 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 97360

Ion	Ratio	Lower	Upper
107	100		
121	35.9	32.3	48.5
122	71.0	61.2	91.8

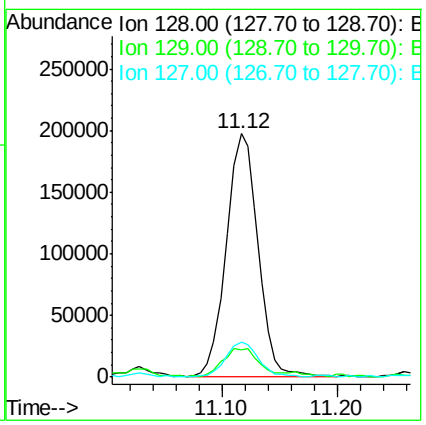


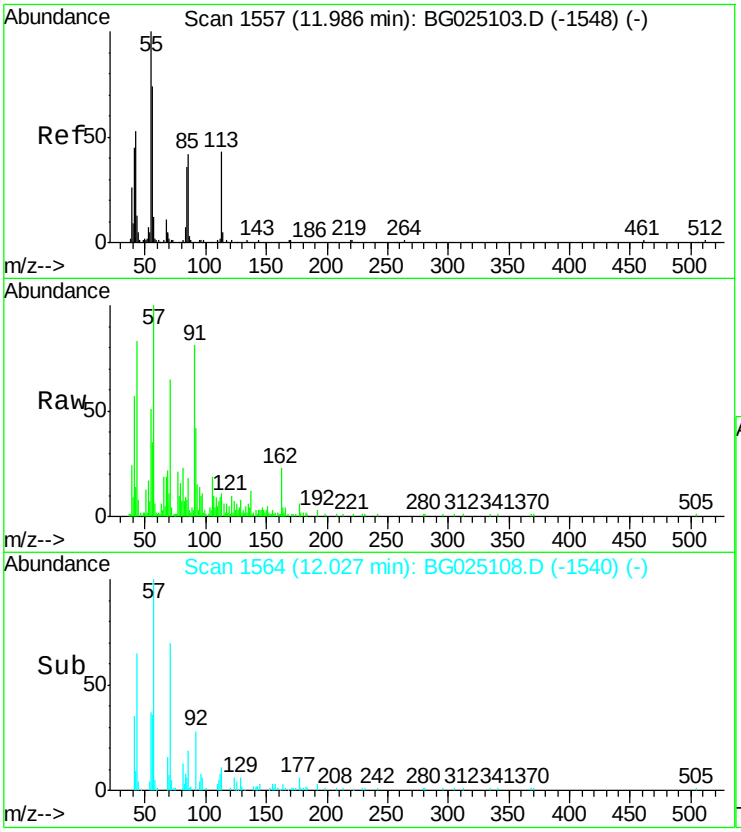


#28
Naphthalene
Concen: 11.70 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Tgt Ion:128 Resp: 372581

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	14.5	10.3	15.5



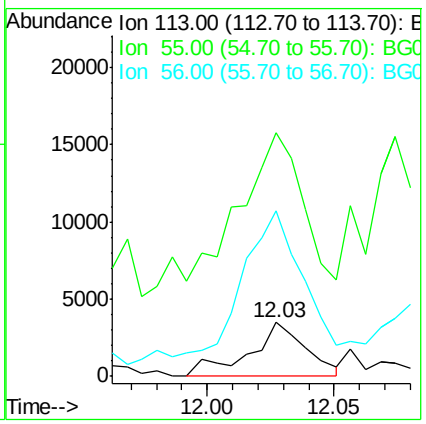


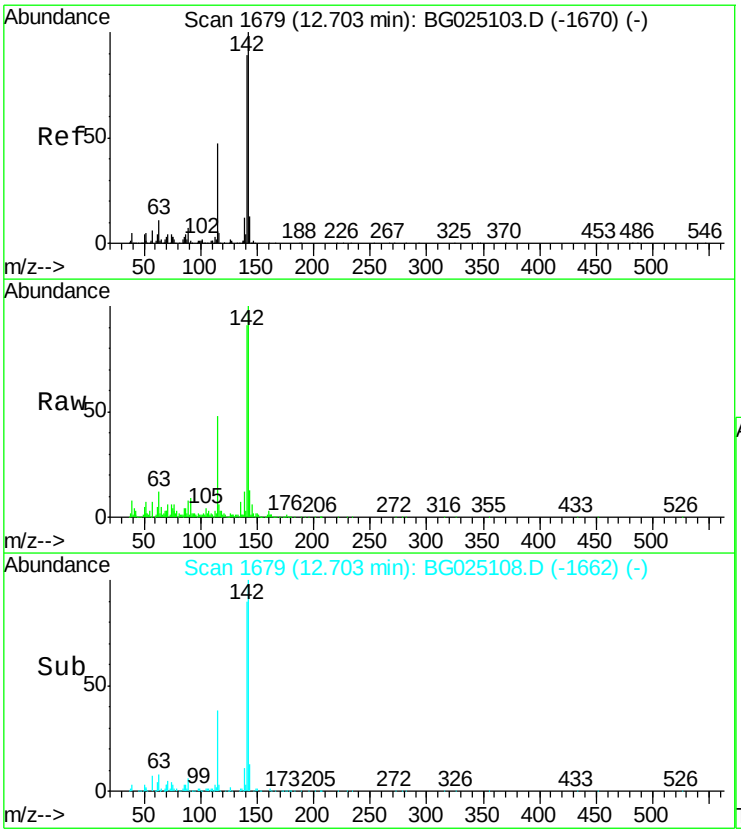
#32
Caprolactam
Concen: 1.16 ng/ul
RT: 12.03 min Scan# 1564
Delta R.T. 0.04 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 5424

Ion	Ratio	Lower	Upper
113	100		
55	453.7	168.6	252.8#
56	308.4	128.5	192.7#

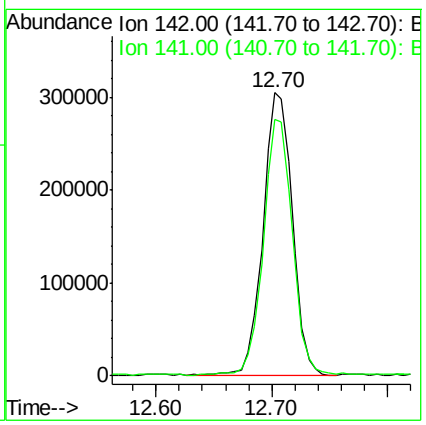


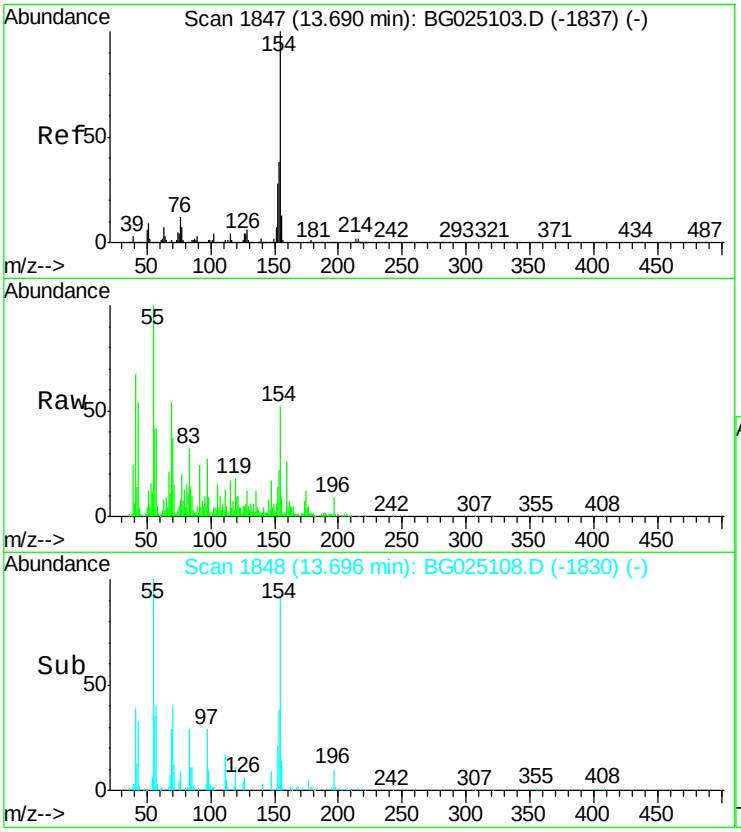


#34
2-Methylnaphthalene
Concen: 21.39 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Tgt Ion:142 Resp: 537572

Ion	Ratio	Lower	Upper
142	100		
141	90.6	68.6	102.8



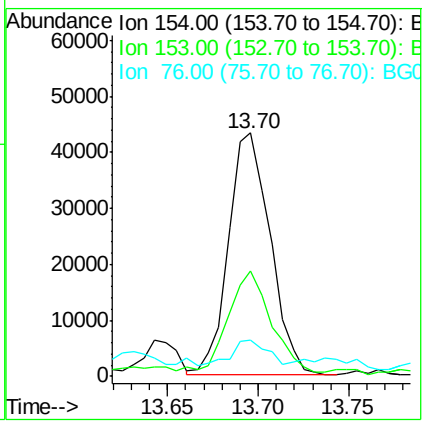


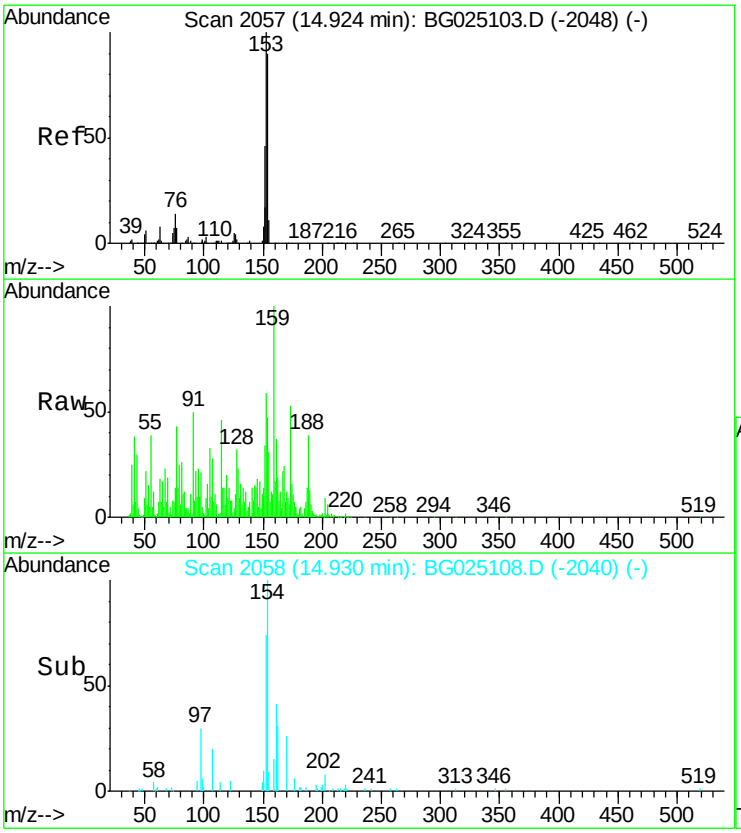
#40
1,1'-Biphenyl
Concen: 2.10 ng/ul
RT: 13.70 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 69064

Ion	Ratio	Lower	Upper
154	100		
153	43.0	32.2	48.2
76	15.1	9.6	14.4#

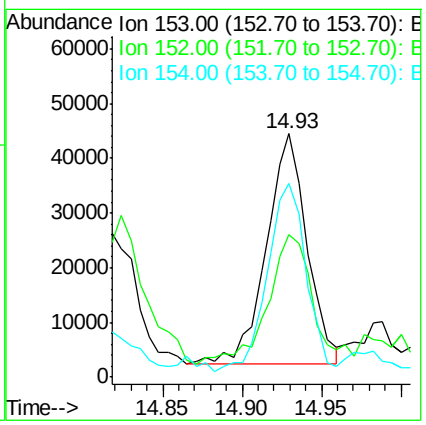


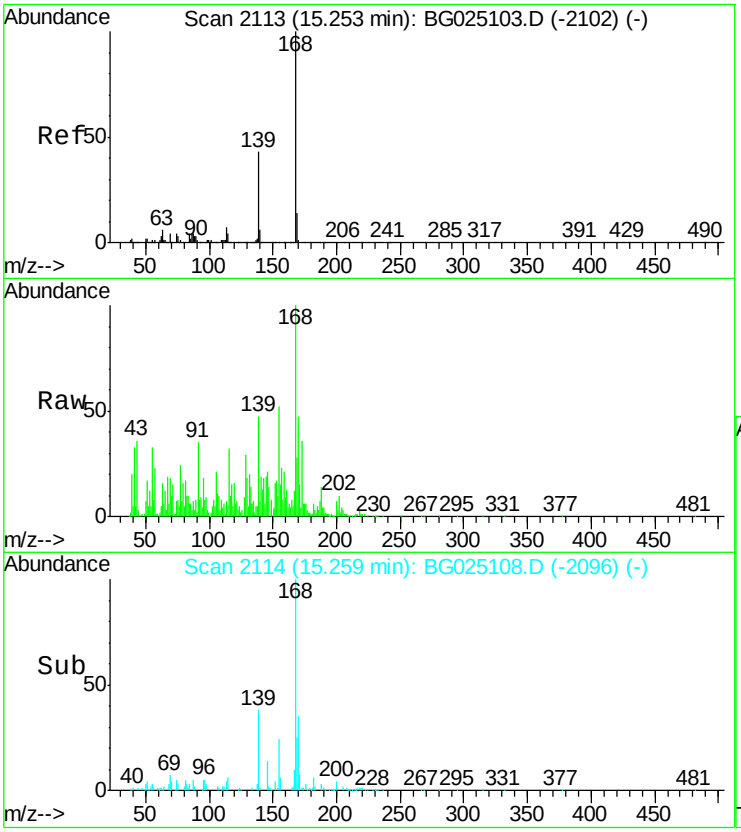


#49
Acenaphthene
Concen: 2.75 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Tgt Ion:153 Resp: 74810

Ion	Ratio	Lower	Upper
153	100		
152	58.4	36.5	54.7#
154	79.4	72.3	108.5



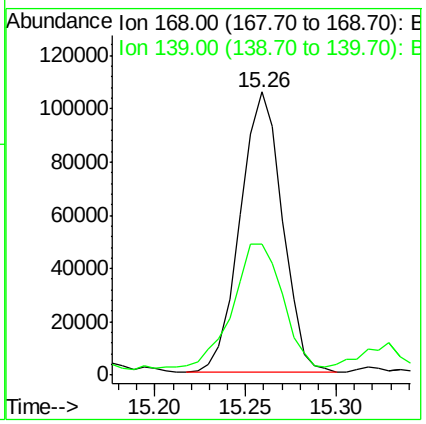


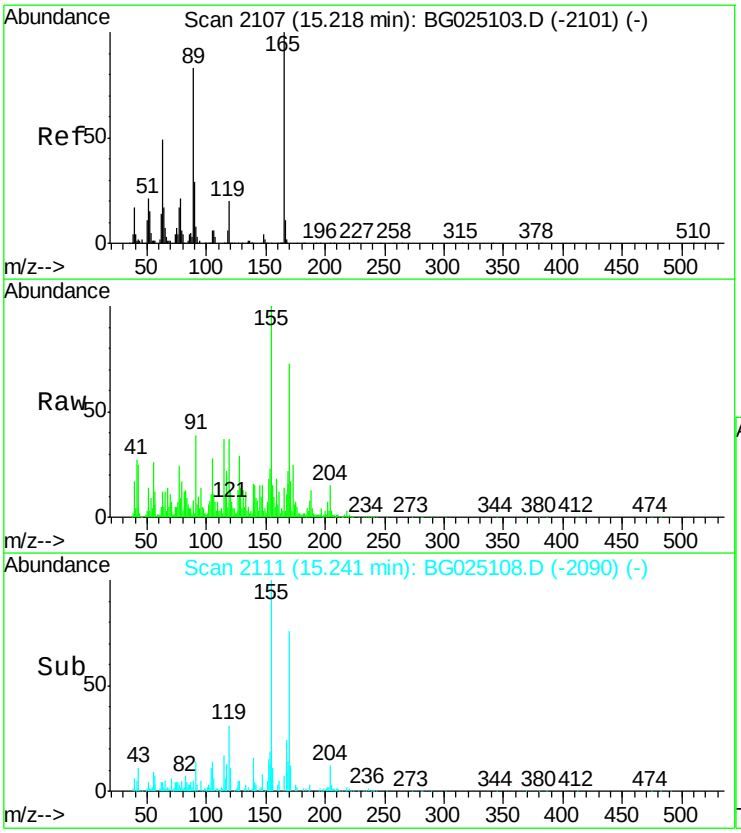
#53
Dibenzofuran
Concen: 3.96 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 170201

Ion	Ratio	Lower	Upper
168	100		
139	46.5	33.8	50.8

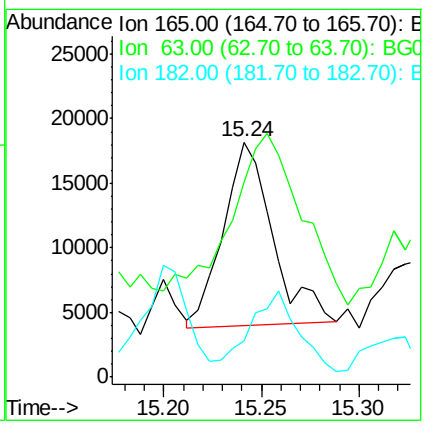


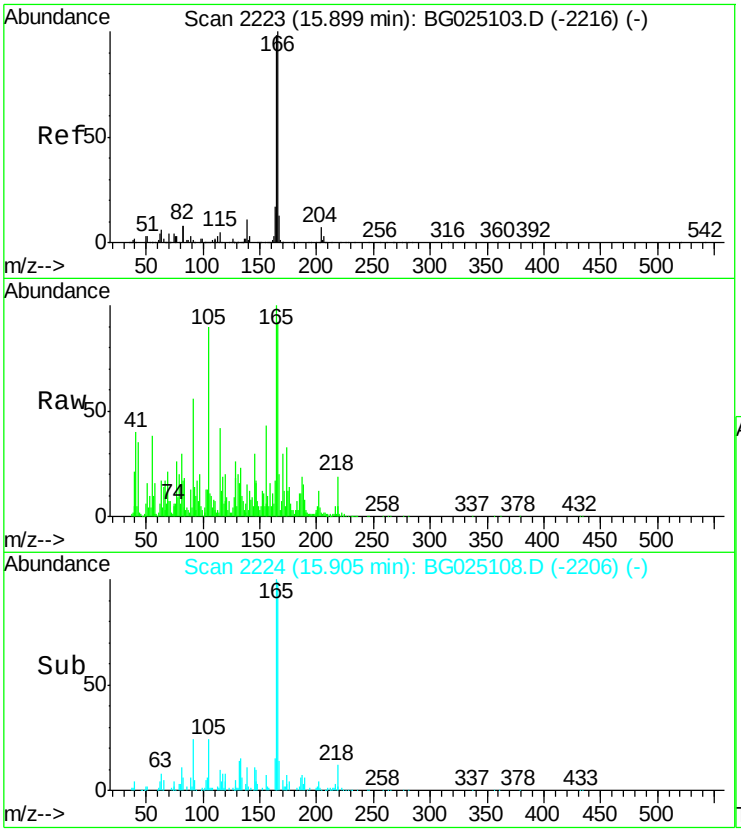


#54
2,4-Dinitrotoluene
Concen: 2.11 ng/ul
RT: 15.24 min Scan# 2111
Delta R.T. 0.02 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Tgt Ion:165 Resp: 25065

Ion	Ratio	Lower	Upper
165	100		
63	83.0	46.8	70.2#
182	15.2	1.8	2.6#



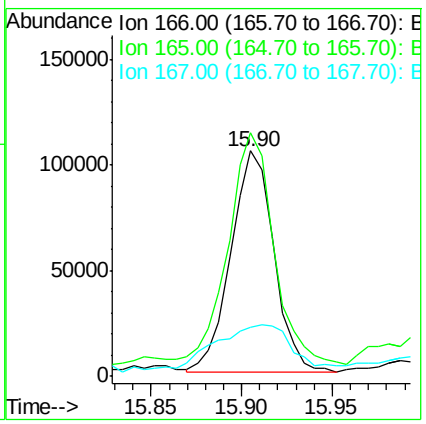


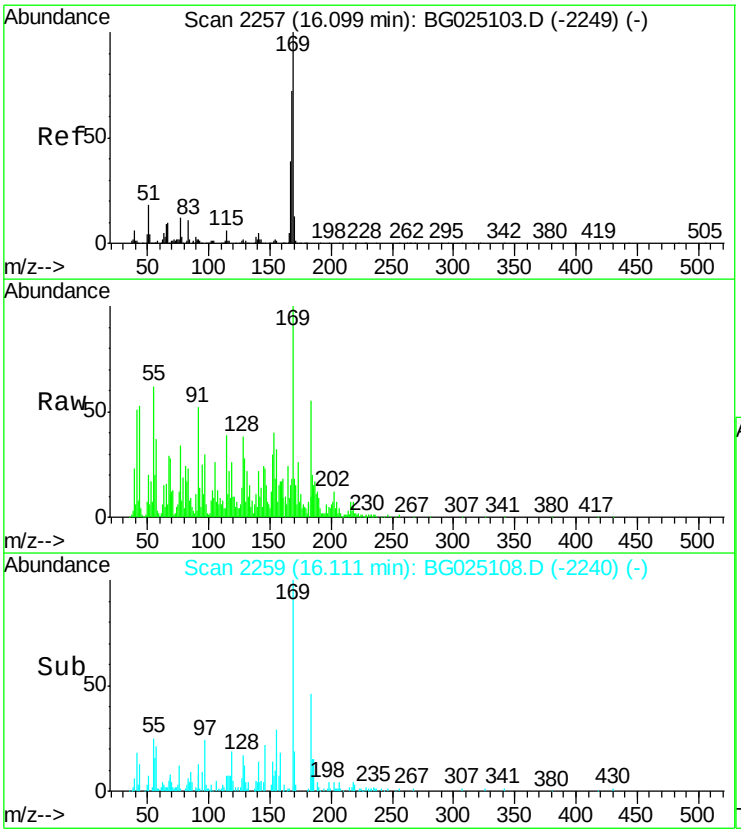
#58
Fluorene
Concen: 4.97 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 173983

Ion	Ratio	Lower	Upper
166	100		
165	108.2	79.7	119.5
167	22.0	11.4	17.2#

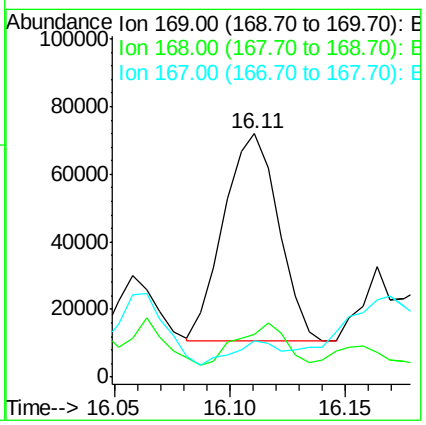


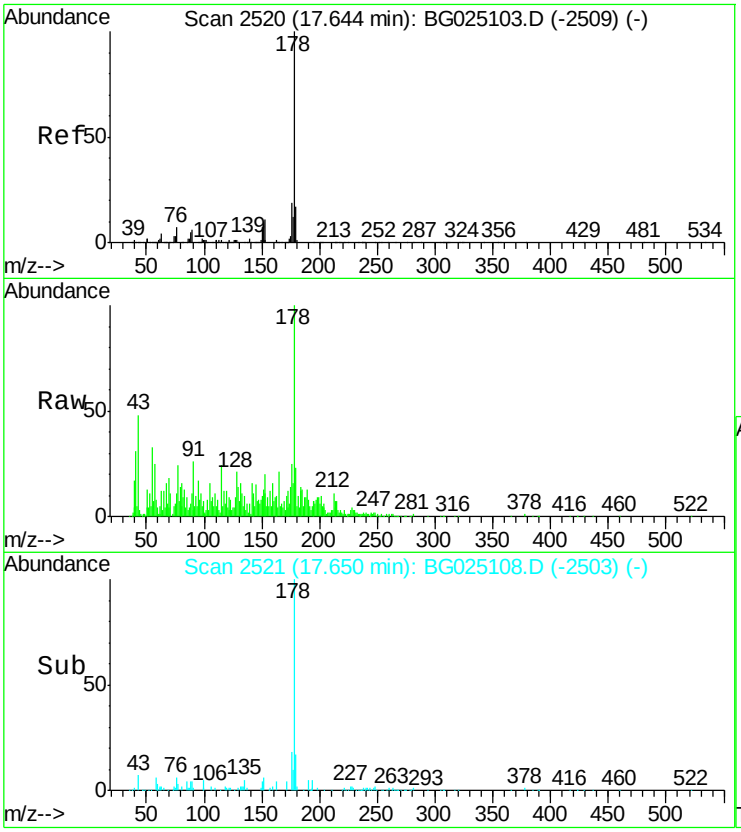


#64
N-Nitrosodiphenylamine
Concen: 3.59 ng/ul
RT: 16.11 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Tgt Ion:169 Resp: 100865

Ion	Ratio	Lower	Upper
169	100		
168	17.5	59.1	88.7#
167	14.7	29.7	44.5#



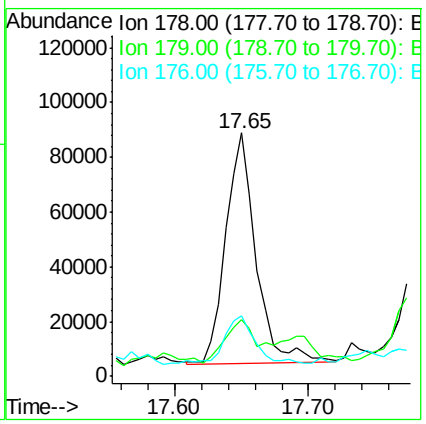


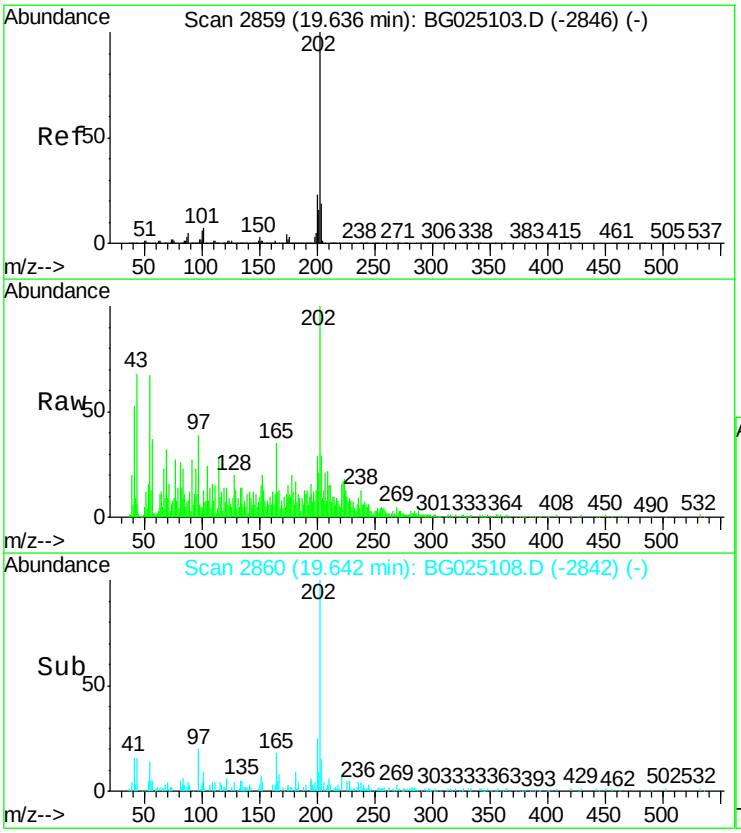
#69
Phenanthrene
Concen: 2.56 ng/ul
RT: 17.65 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 133389

Ion	Ratio	Lower	Upper
178	100		
179	23.3	12.4	18.6#
176	24.7	16.5	24.7

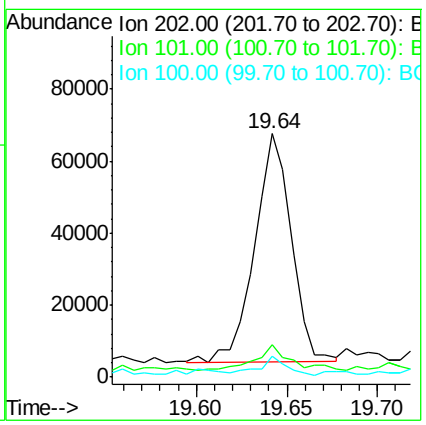


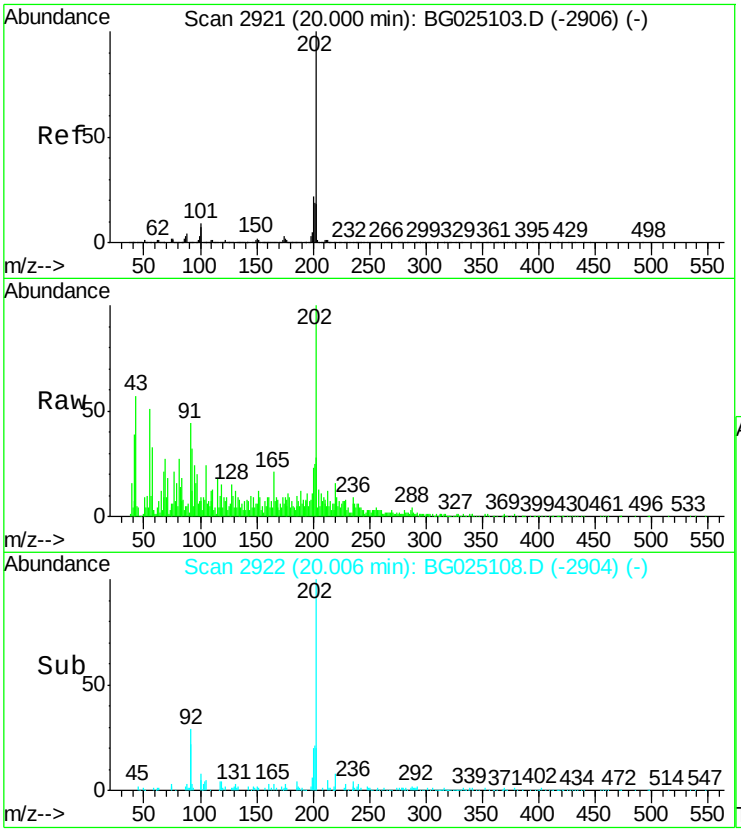


#74
Fluoranthene
Concen: 1.44 ng/ul
RT: 19.64 min Scan# 2860
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Tgt Ion:202 Resp: 89277

Ion	Ratio	Lower	Upper
202	100		
101	13.4	6.2	9.2#
100	8.4	5.2	7.8#





#77
Pyrene
Concen: 2.41 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. 0.01 min
Lab File: BG025108.D
Acq: 11 Dec 2016 18:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 156814

Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.9	10.3
100	7.3	6.6	10.0