Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025172.D
Acq On : 14 Dec 2016 12:19
Operator : UM/SJ
Sample : H5938-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA828

Quant Time: Dec 15 03:35:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 03:32:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	66536	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	309127	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	233585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	486687	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	574407	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	598274	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	5668	4.40	ng/uL	0.00
5) Phenol-d5	7.39	99	131759	22.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	93132	26.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	96170	23.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	118432	24.69	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	55002	25.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	64926	23.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	119902	22.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	122982	23.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	399464	24.86	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	464318	26.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	63287	22.92	ng/ul	0.00
57) Fluorene-d10	15.85	176	361358	23.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	57455	19.09	ng/ul	0.00
70) Anthracene-d10	17.71	188	535538	26.07	ng/ul	0.00
76) Pyrene-d10	19.98	212	646253	27.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	646843	26.68	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.35	77	4720	1.09	ng/ul#	1
6) Phenol	7.42	94	17365	2.95	ng/ul#	88
11) 2-Methylphenol	8.67	108	17876	4.12	ng/ul#	80
16) 4-Methylphenol	9.01	108	44862	9.30	ng/ul	96
17) Hexachloroethane	9.34	117	7343	4.11	ng/ul#	1
24) 2,4-Dimethylphenol	10.22	107	176298	27.85	ng/ul	95
27) 2,4-Dichlorophenol	10.68	162	5390	1.06	ng/ul#	80
28) Naphthalene	11.12	128	155581	10.83	ng/ul	96
34) 2-Methylnaphthalene	12.71	142	263386	23.23	ng/ul	99
40) 1,1'-Biphenyl	13.70	154	60389	4.26	ng/ul	92
42) 2-Nitroaniline	14.00	65	5640	1.28	ng/ul#	45
44) Dimethylphthalate	14.30	163	173177	10.97	ng/ul#	94
49) Acenaphthene	14.93	153	16372	1.40	ng/ul#	78
53) Dibenzofuran	15.26	168	40002	2.16	ng/ul#	77
58) Fluorene	15.90	166	41607	2.76	ng/ul	98
69) Phenanthrene	17.65	178	27000	1.16	ng/ul	92

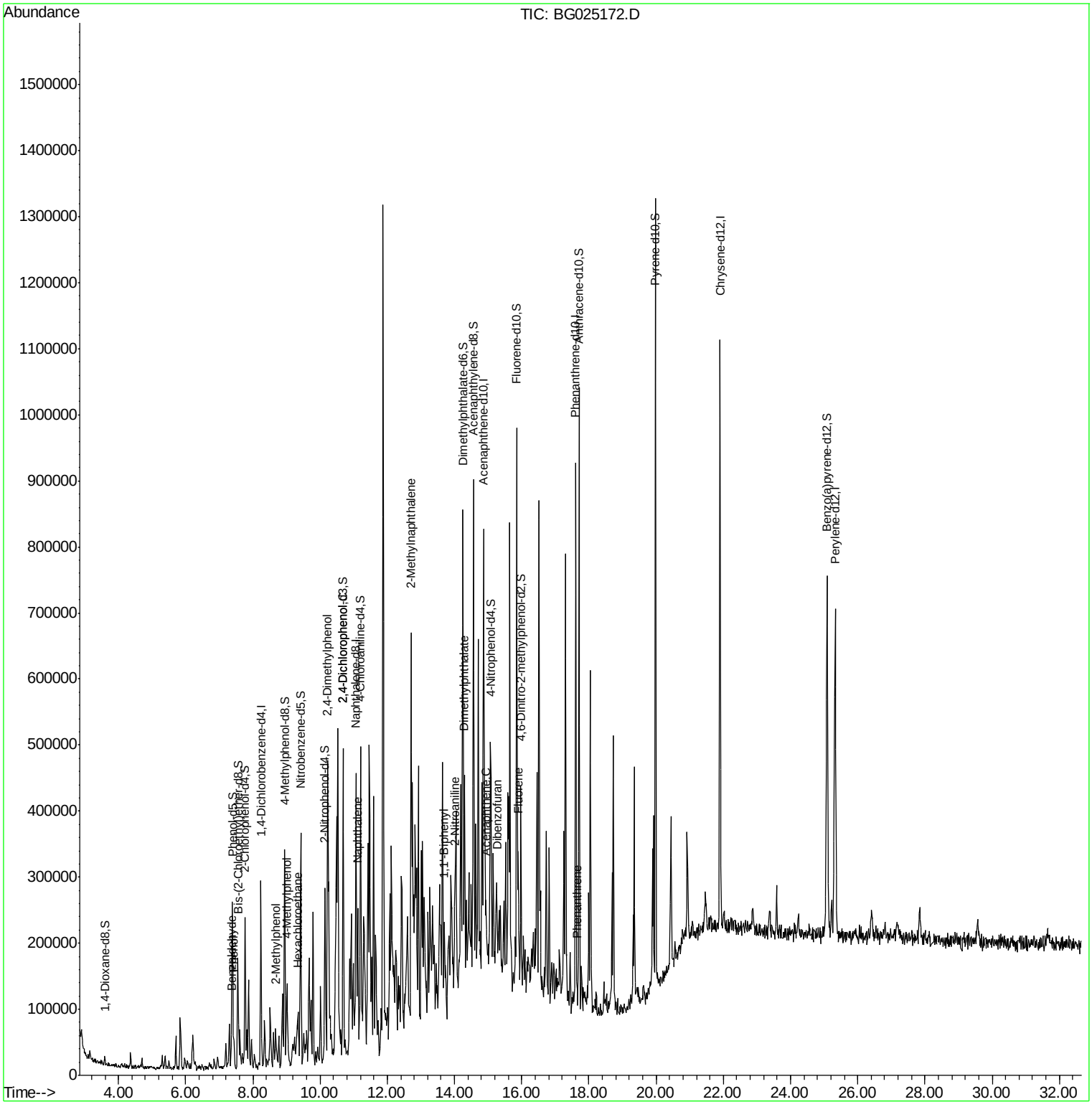
(#) = qualifier out of range (m) = manual integration (+) = signals summed

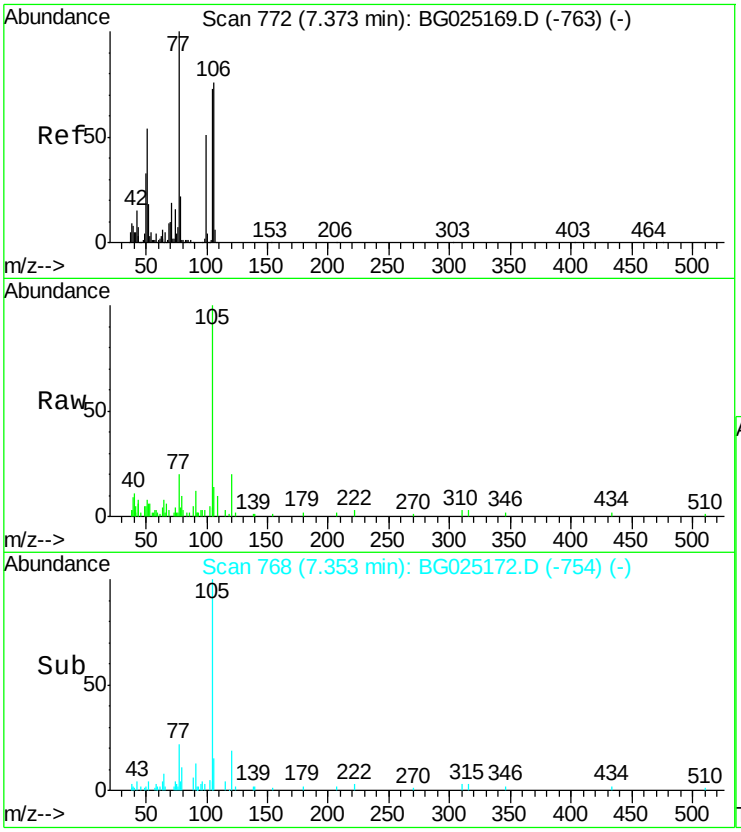
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025172.D
Acq On : 14 Dec 2016 12:19
Operator : UM/SJ
Sample : H5938-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA828

Quant Time: Dec 15 03:35:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 03:32:07 2016
Response via : Initial Calibration



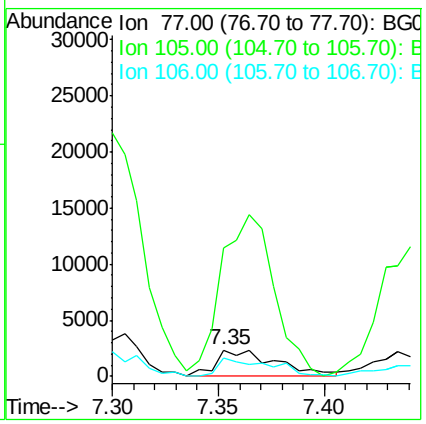


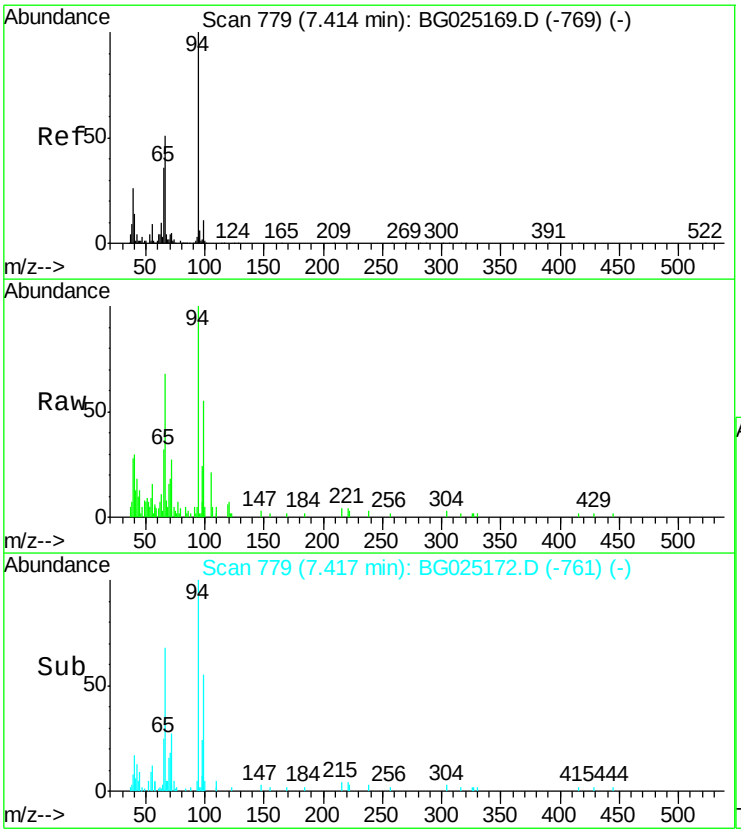
#4
Benzaldehyde
Concen: 1.09 ng/ul
RT: 7.35 min Scan# 768
Delta R.T. -0.02 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument :
BNA_G
ClientSampleId :
DA828

Tgt Ion: 77 Resp: 4720

Ion	Ratio	Lower	Upper
77	100		
105	490.3	62.0	93.0#
106	68.4	60.2	90.4

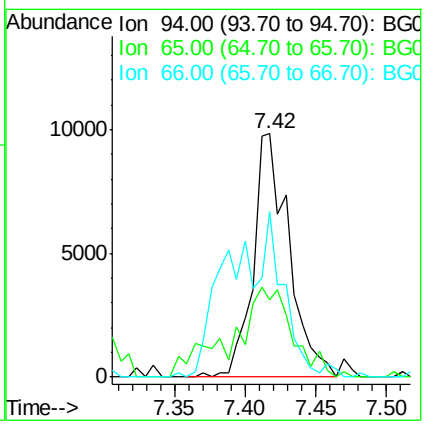


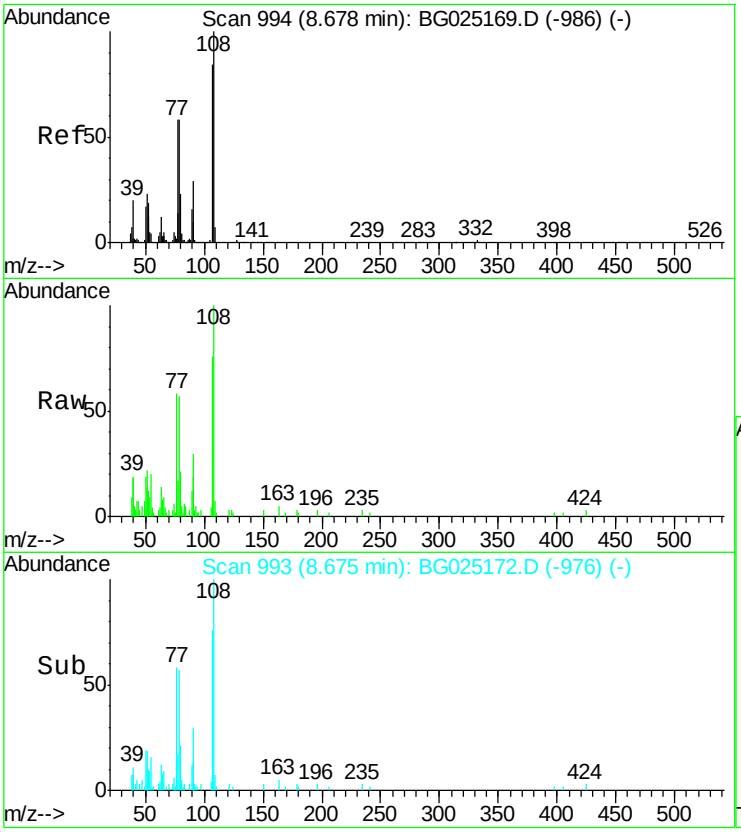


#6
Phenol
Concen: 2.95 ng/ul
RT: 7.42 min Scan# 779
Delta R.T. 0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion: 94 Resp: 17365

Ion	Ratio	Lower	Upper
94	100		
65	31.6	26.8	40.2
66	68.0	44.4	66.6#



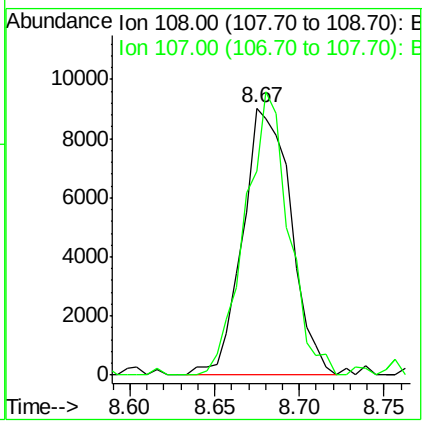


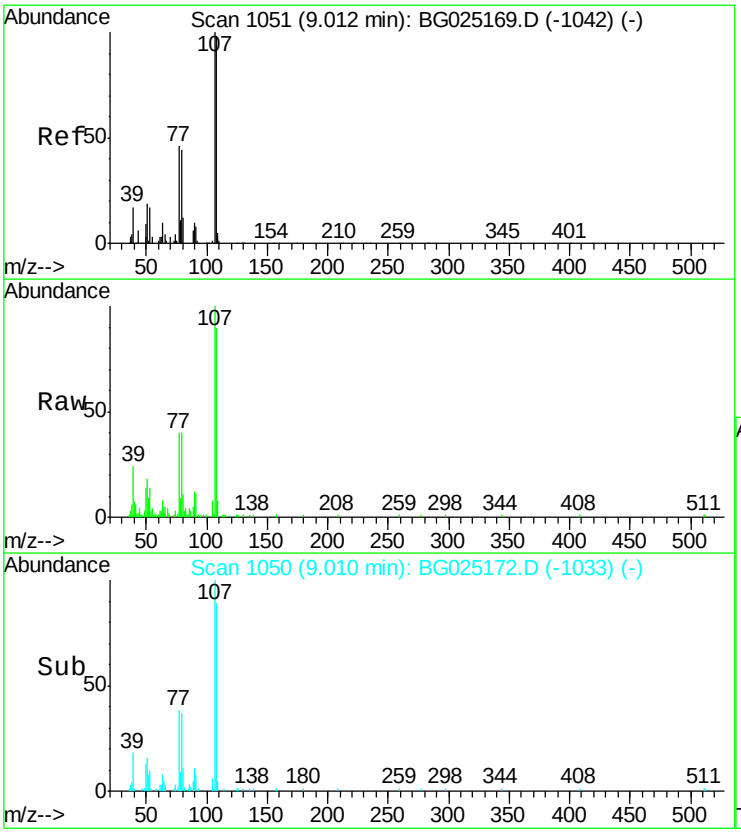
#11
2-Methylphenol
Concen: 4.12 ng/ul
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument :
BNA_G
ClientSampleId :
DA828

Tgt Ion:108 Resp: 17876

Ion	Ratio	Lower	Upper
108	100		
107	76.5	76.7	115.1#

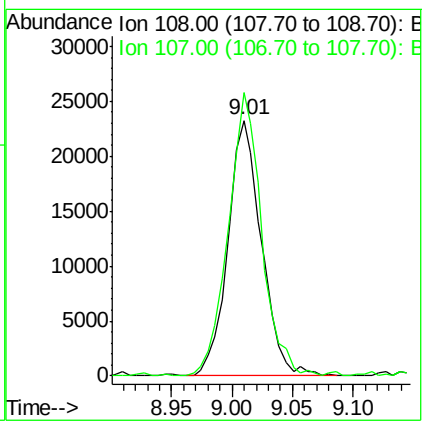


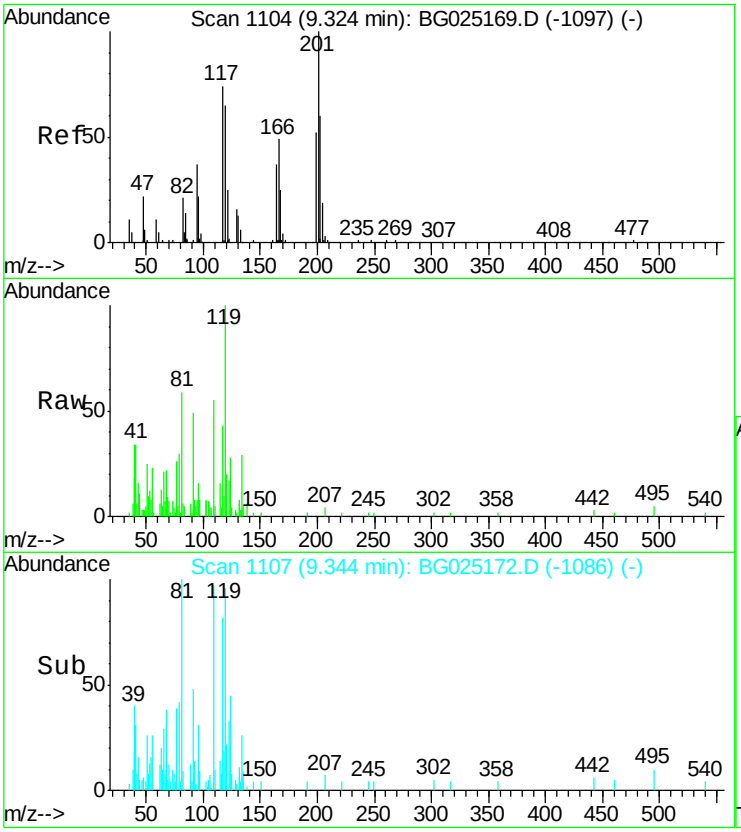


#16
4-Methylphenol
Concen: 9.30 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion:108 Resp: 44862

Ion	Ratio	Lower	Upper
108	100		
107	110.7	91.7	137.5



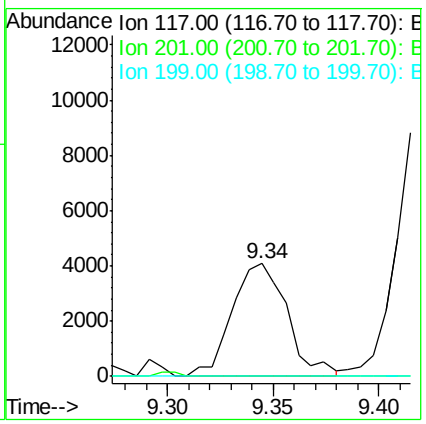


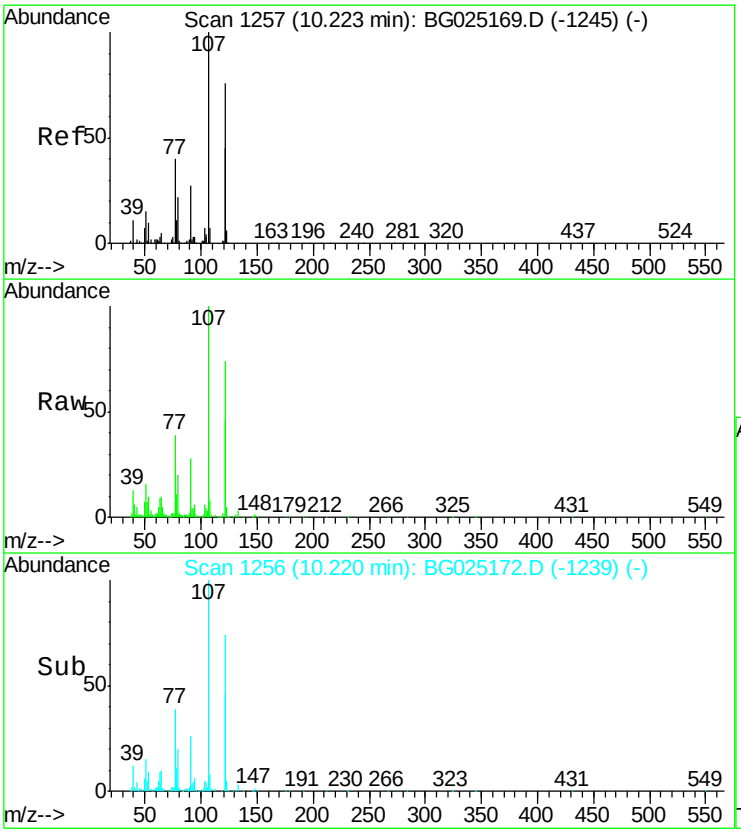
#17
Hexachloroethane
Concen: 4.11 ng/ul
RT: 9.34 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument : BNA_G
ClientSampleId : DA828

Tgt Ion:117 Resp: 7343

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

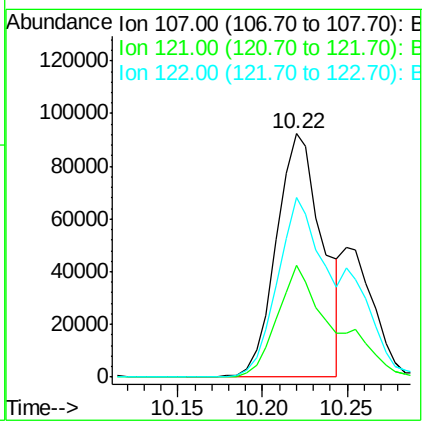


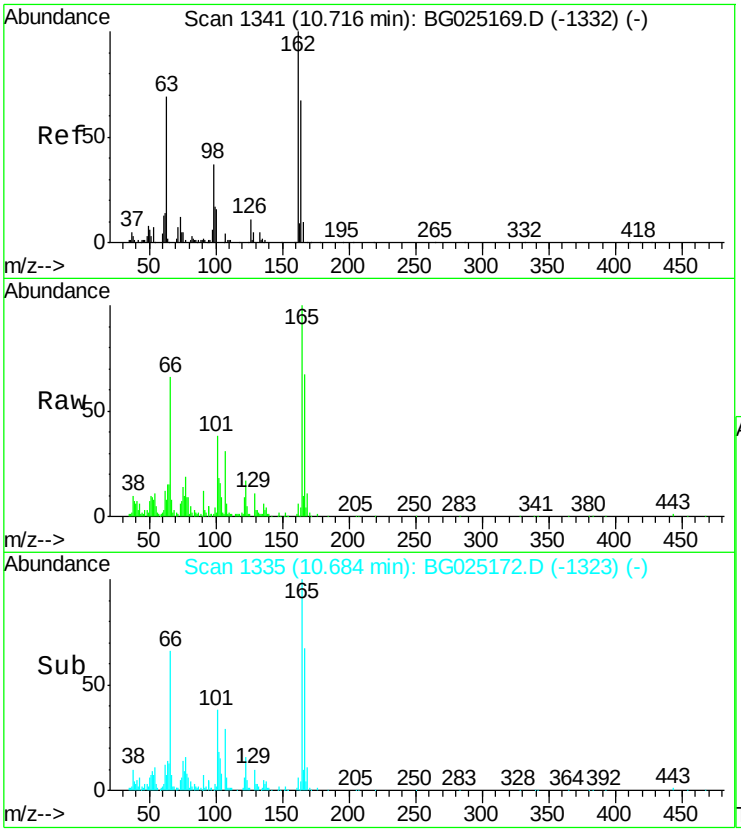


#24
2,4-Dimethylphenol
Concen: 27.85 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion:107 Resp: 176298

Ion	Ratio	Lower	Upper
107	100		
121	45.8	32.3	48.5
122	74.0	61.2	91.8



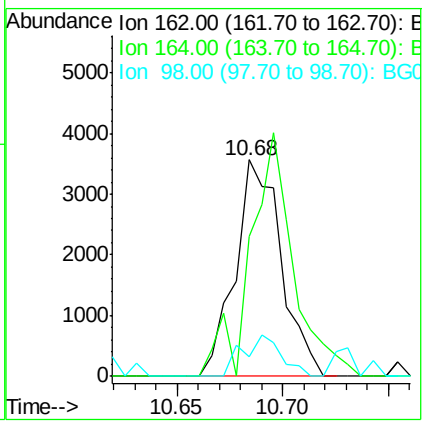


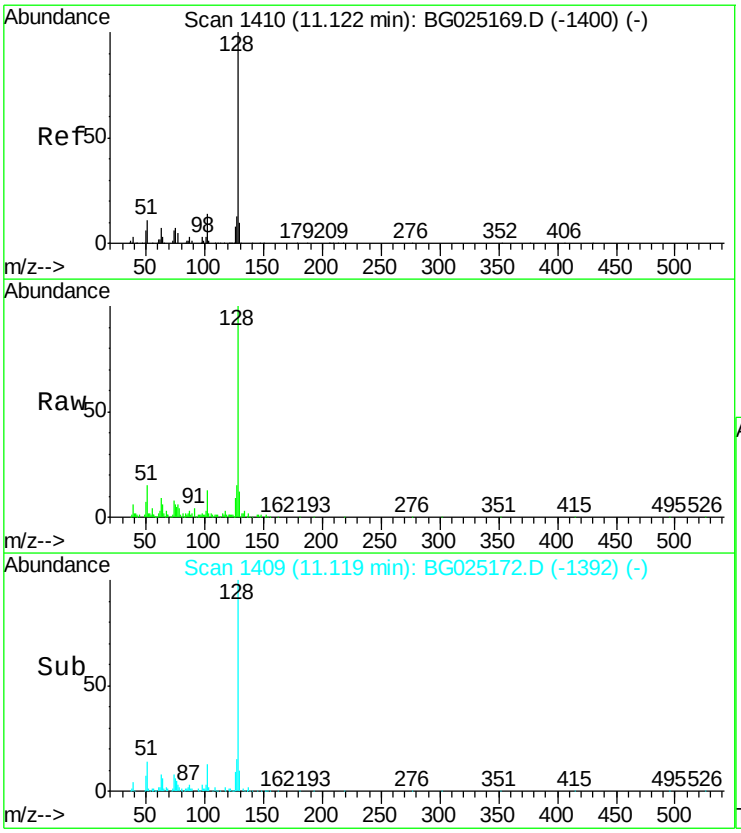
#27
2,4-Dichlorophenol
Concen: 1.06 ng/ul
RT: 10.68 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument :
BNA_G
ClientSampleId :
DA828

Tgt Ion:162 Resp: 5390

Ion	Ratio	Lower	Upper
162	100		
164	64.4	50.8	76.2
98	9.2	32.1	48.1#

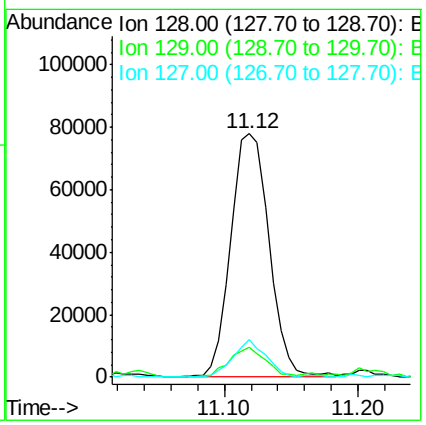


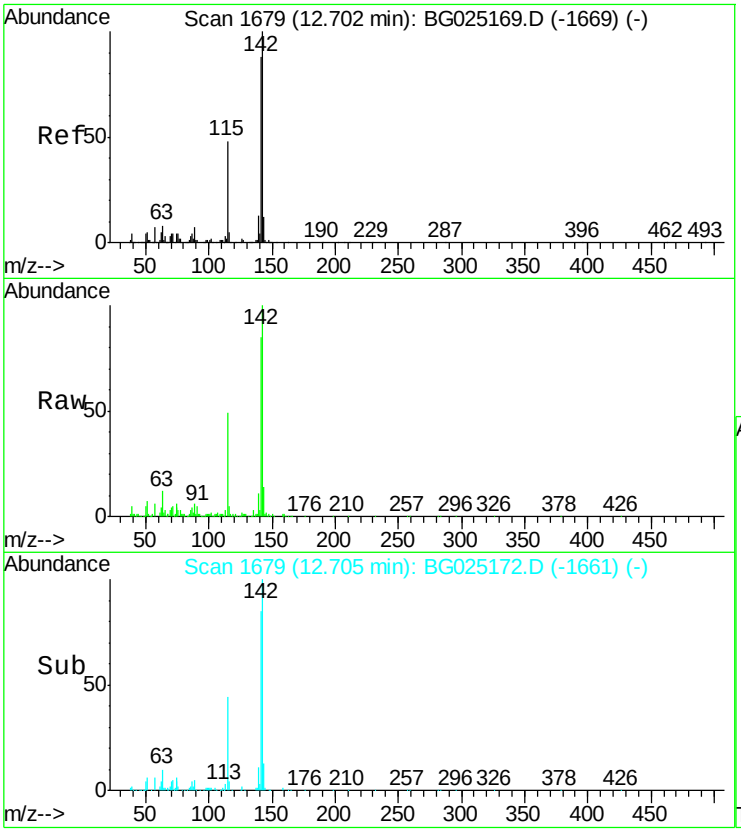


#28
Naphthalene
Concen: 10.83 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion:128 Resp: 155581

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	15.3	10.3	15.5



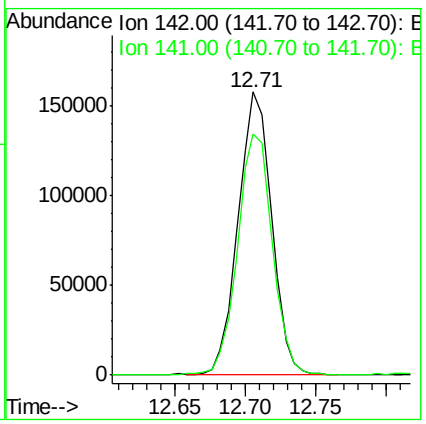


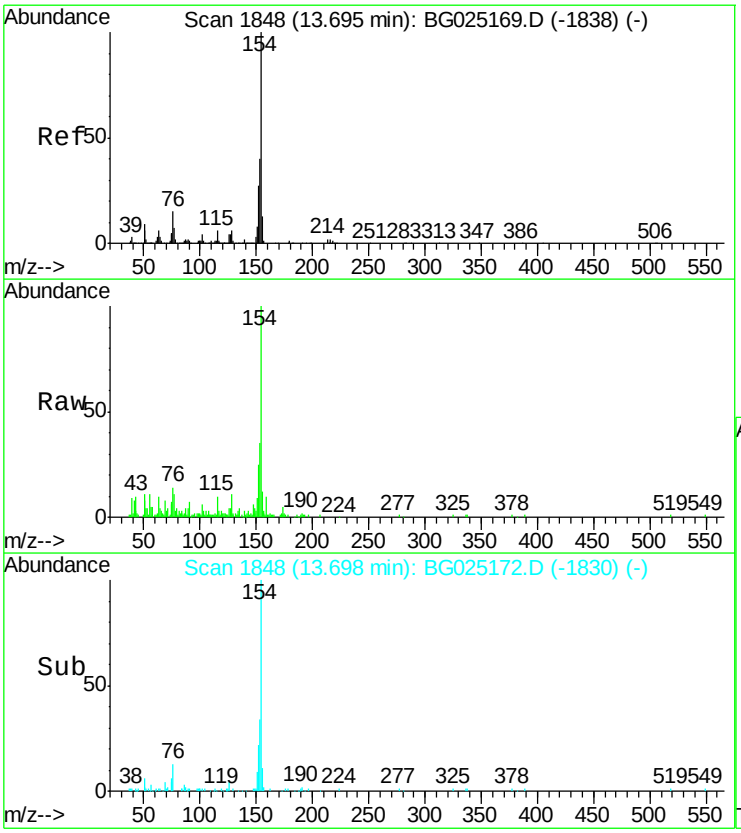
#34
2-Methylnaphthalene
Concen: 23.23 ng/ul
RT: 12.71 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument :
BNA_G
ClientSampleId :
DA828

Tgt Ion:142 Resp: 263386

Ion	Ratio	Lower	Upper
142	100		
141	85.2	68.6	102.8

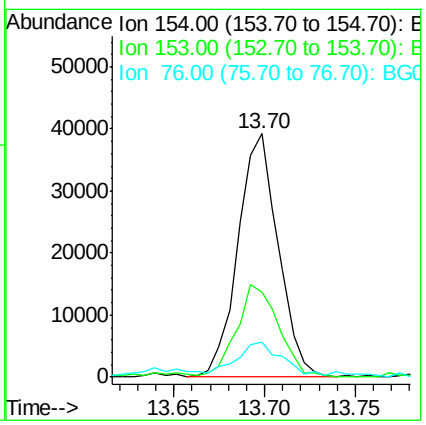


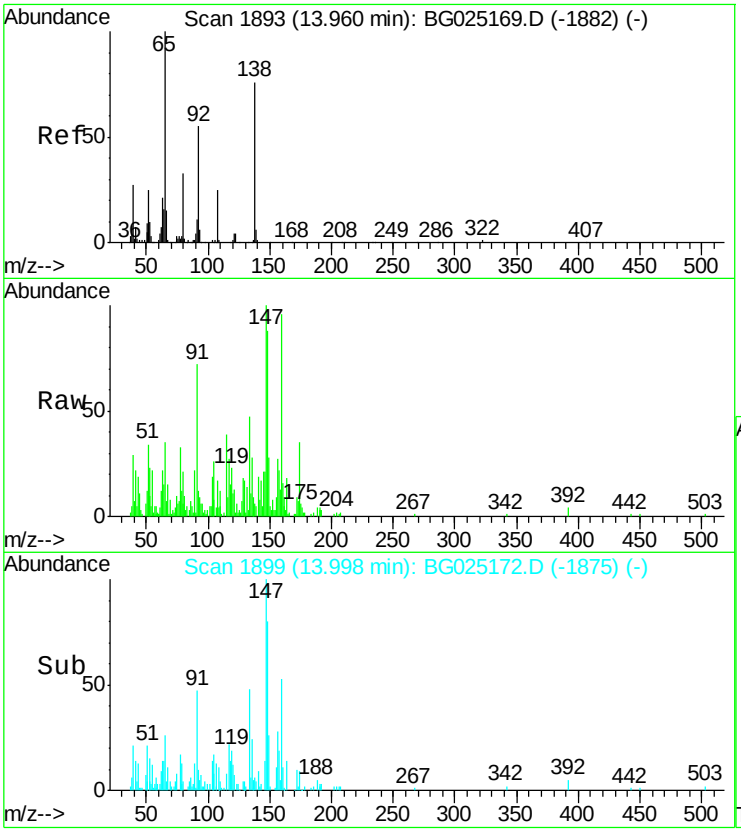


#40
1,1'-Biphenyl
Concen: 4.26 ng/ul
RT: 13.70 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion:154 Resp: 60389

Ion	Ratio	Lower	Upper
154	100		
153	34.8	32.2	48.2
76	14.2	9.6	14.4



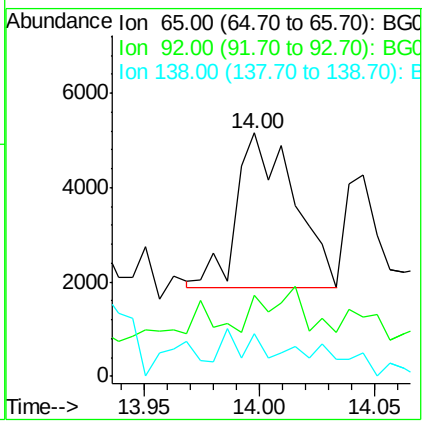


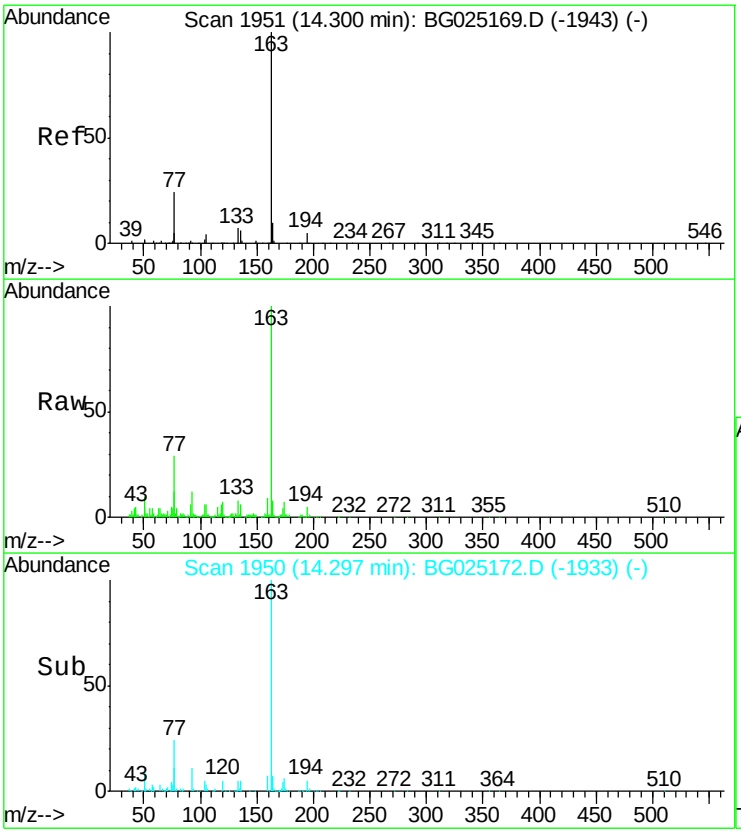
#42
2-Nitroaniline
Concen: 1.28 ng/ul
RT: 14.00 min Scan# 1899
Delta R.T. 0.04 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument :
BNA_G
ClientSampleId :
DA828

Tgt Ion: 65 Resp: 5640

Ion	Ratio	Lower	Upper
65	100		
92	33.3	50.9	76.3#
138	17.8	61.8	92.6#

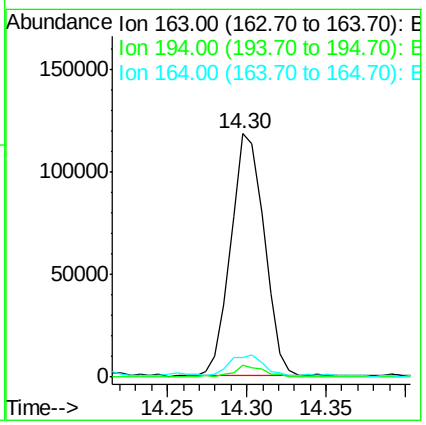


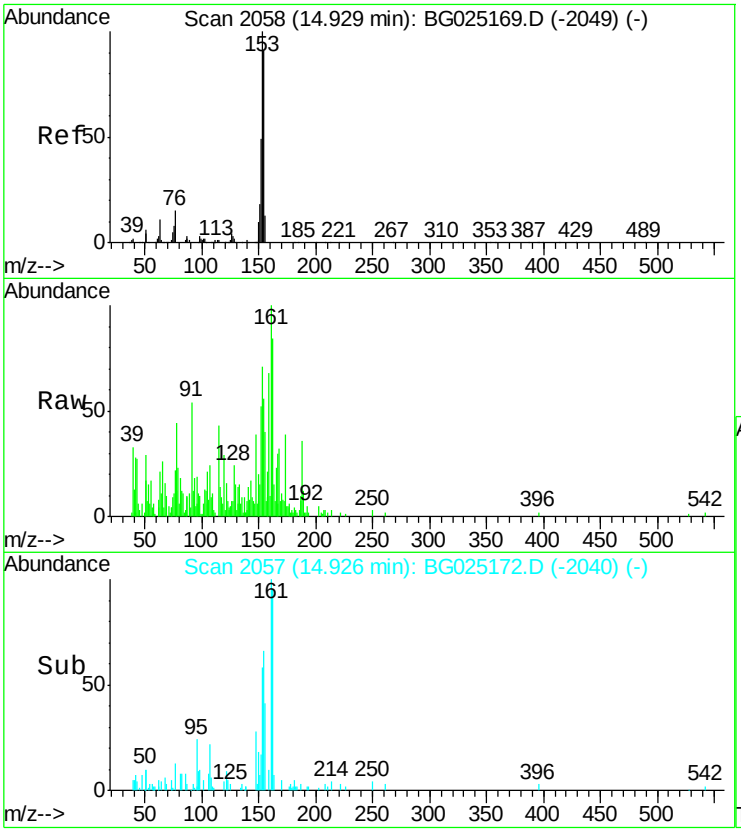


#44
Dimethylphthalate
Concen: 10.97 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion:163 Resp: 173177

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	8.3	9.0	13.4#



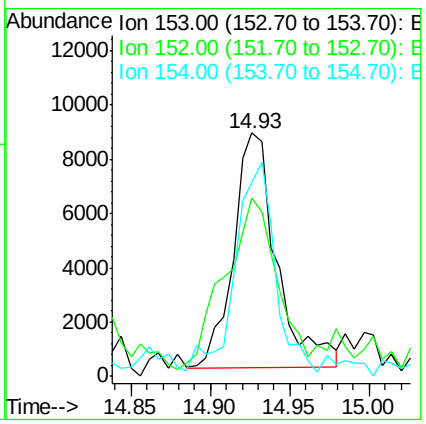


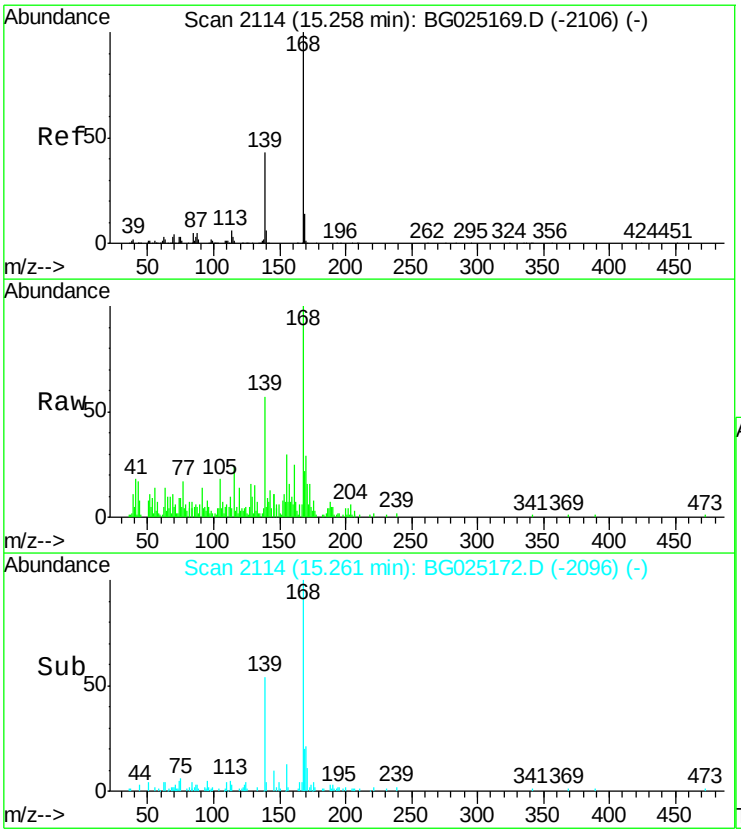
#49
Acenaphthene
Concen: 1.40 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument :
BNA_G
ClientSampleId :
DA828

Tgt Ion:153 Resp: 16372

Ion	Ratio	Lower	Upper
153	100		
152	73.4	36.5	54.7#
154	79.7	72.3	108.5

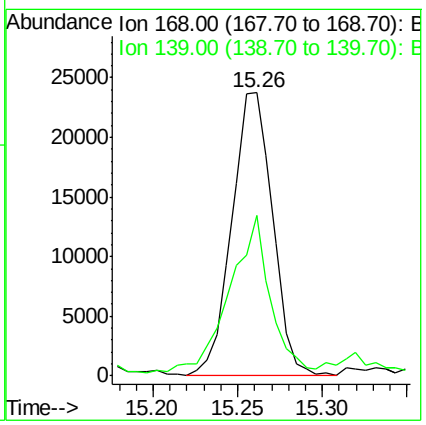


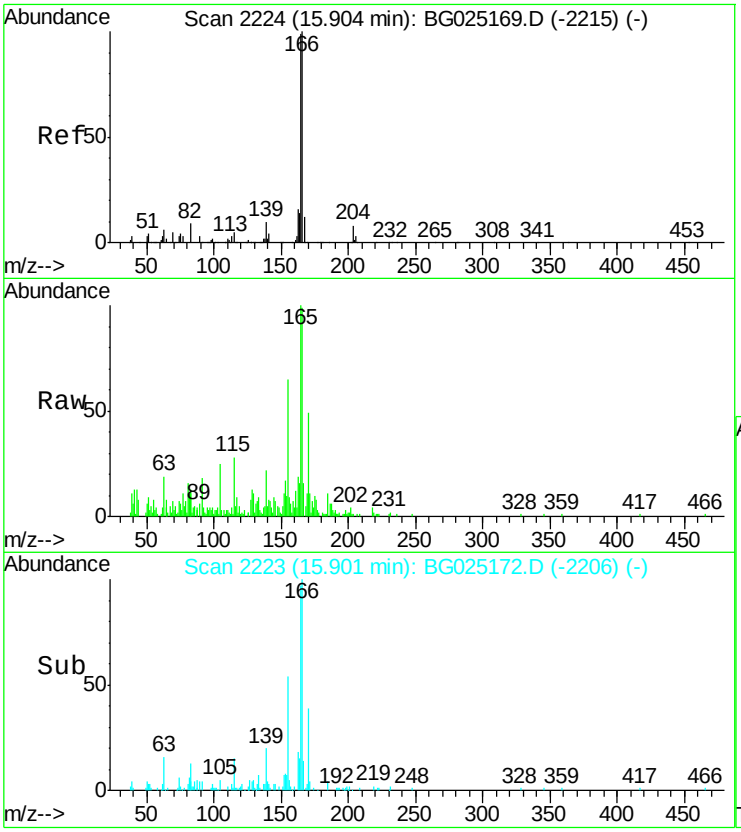


#53
Dibenzofuran
Concen: 2.16 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion:168 Resp: 40002

Ion	Ratio	Lower	Upper
168	100		
139	56.8	33.8	50.8#



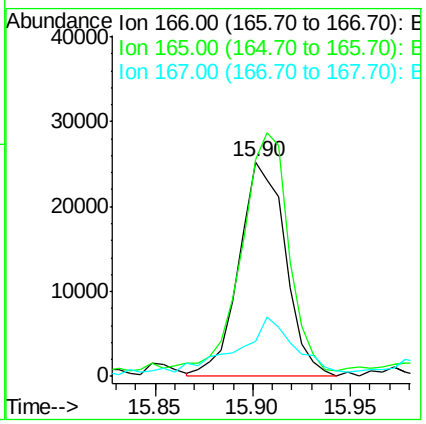


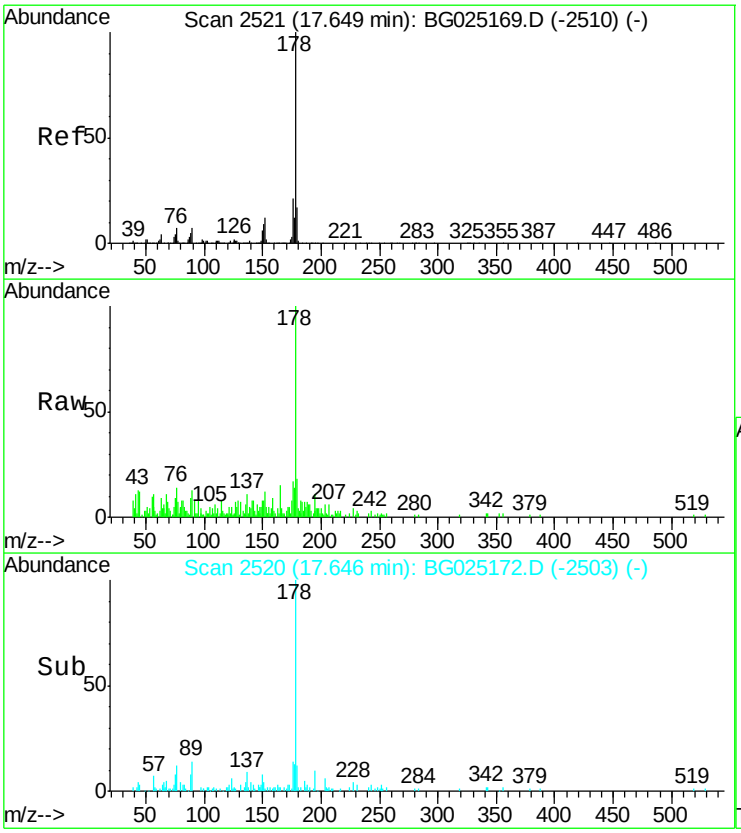
#58
Fluorene
Concen: 2.76 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Instrument :
BNA_G
ClientSampleId :
DA828

Tgt Ion:166 Resp: 41607

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.7	119.5
167	16.3	11.4	17.2





#69
Phenanthrene
Concen: 1.16 ng/ul
RT: 17.65 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG025172.D
Acq: 14 Dec 2016 12:19

Tgt Ion:178 Resp: 27000

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.4	18.6
176	16.7	16.5	24.7