Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 18 06:09:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	68673	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	291478	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	219155	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	493634	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	657249	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	664413	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	490	0.37	ng/uL	0.00
5) Phenol-d5	7.40	99	9451	1.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	6124	1.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	7272	1.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	8371	1.69	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	4782	2.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	4982	1.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	9122	1.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	15062	3.10	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	31319	2.08	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	34103	2.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	1808	0.70	ng/ul	0.00
57) Fluorene-d10	15.85	176	36460	2.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	1354	0.44	ng/ul	-0.03
70) Anthracene-d10	17.70	188	43169	2.07	ng/ul	0.00
76) Pyrene-d10	19.97	212	56549	2.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	51401	1.91	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	9.02	108	7793	1.56	ng/ul	93
17) Hexachloroethane	9.34	117	4542	2.46	ng/ul#	1
24) 2,4-Dimethylphenol	10.23	107	8352	1.40	ng/ul#	78
28) Naphthalene	11.11	128	147309	10.87	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	323406	30.25	ng/ul	97
40) 1,1'-Biphenyl	13.69	154	71206	5.36	ng/ul	95
44) Dimethylphthalate	14.30	163	22392	1.51	ng/ul	96
49) Acenaphthene	14.93	153	17646	1.60	ng/ul#	67
53) Dibenzofuran	15.25	168	48774	2.80	ng/ul	98
58) Fluorene	15.90	166	47863	3.38	ng/ul#	98

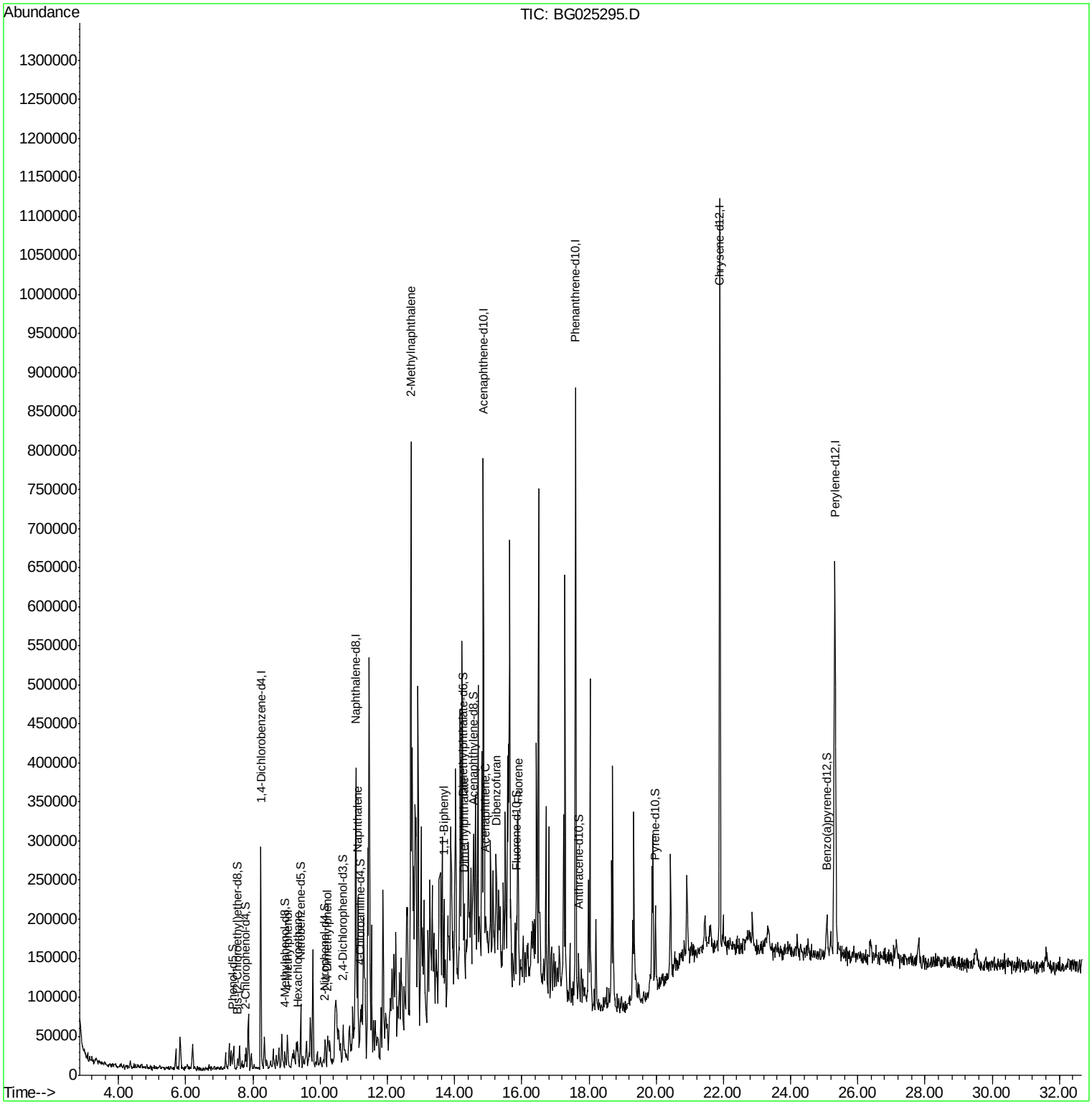
(#) = qualifier out of range (m) = manual integration (+) = signals summed

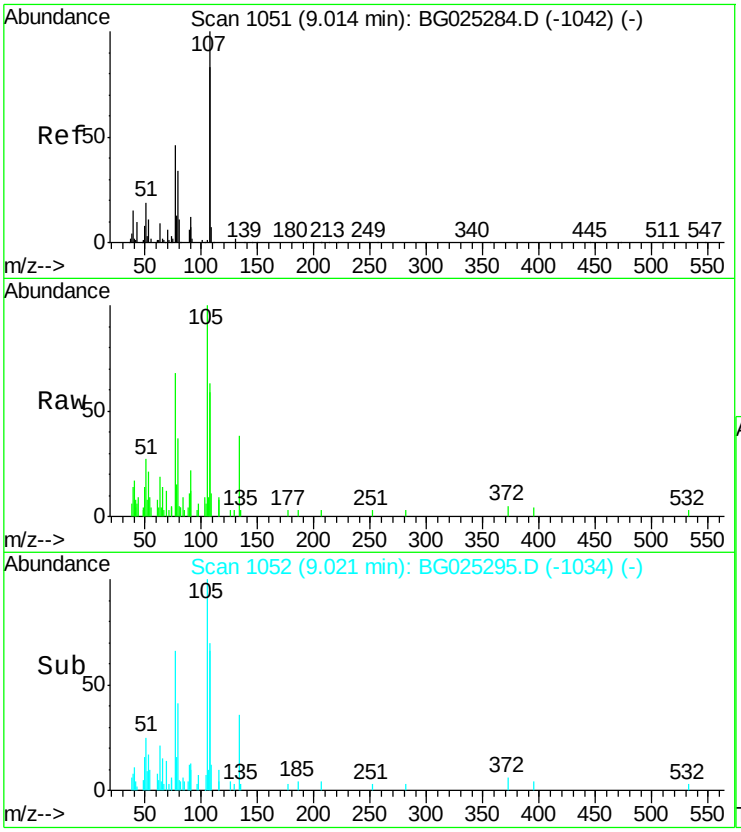
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 18 06:09:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration



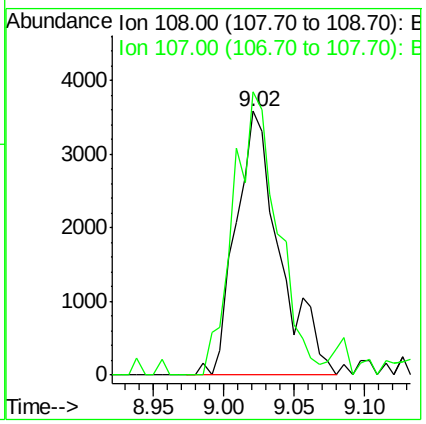


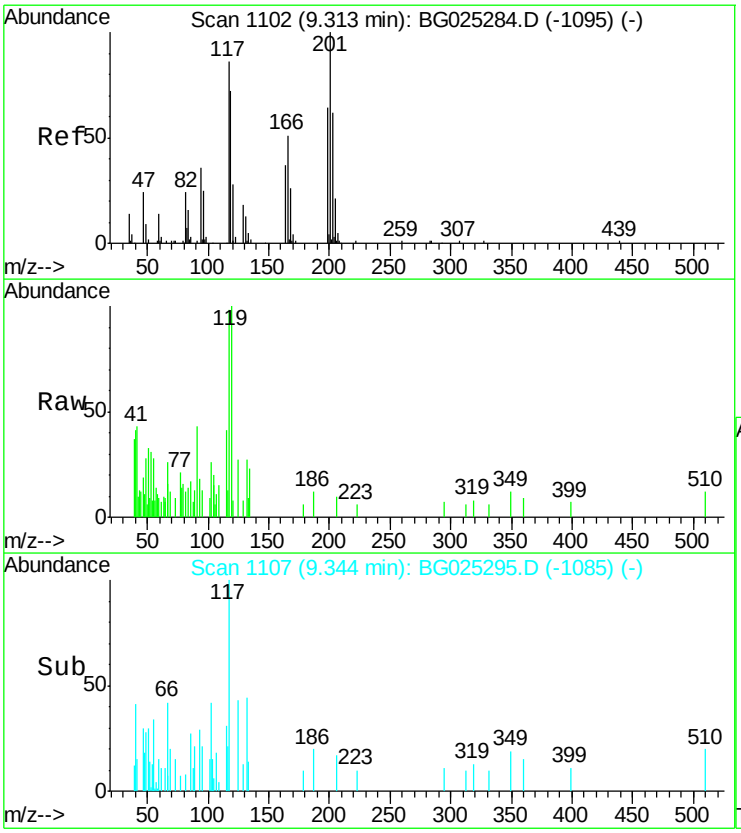
#16
4-Methylphenol
Concen: 1.56 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BG025295.D
Acq: 18 Dec 2016 4:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 7793

Ion	Ratio	Lower	Upper
108	100		
107	107.2	91.7	137.5

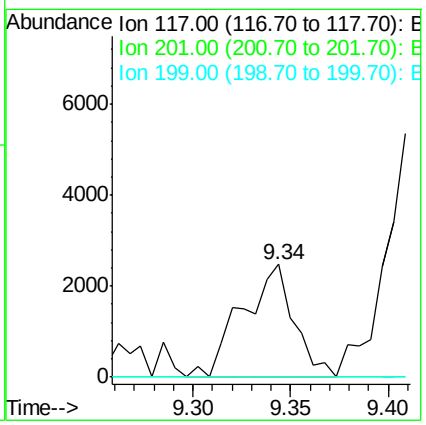


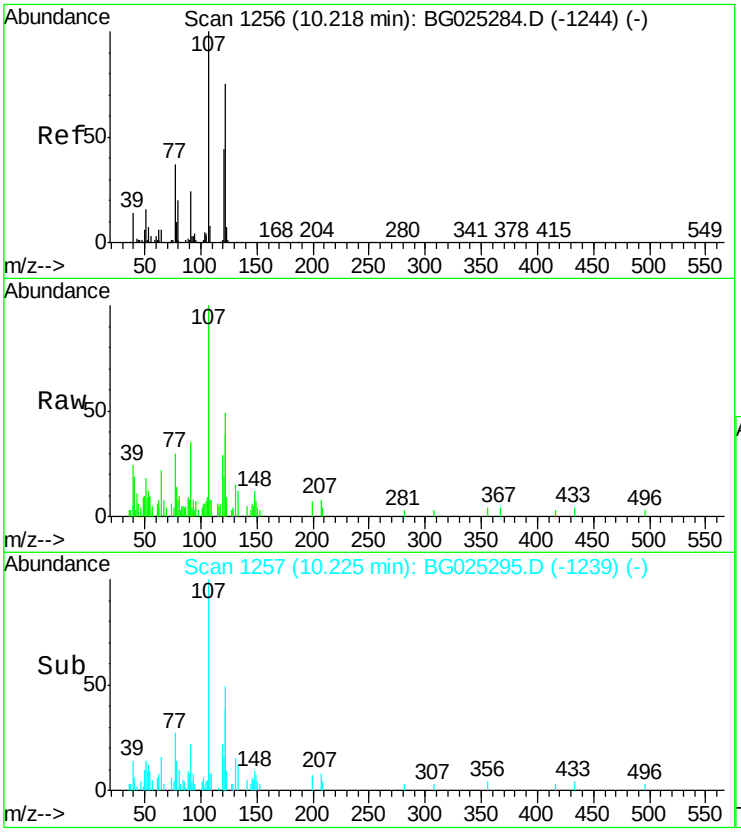


#17
Hexachloroethane
Concen: 2.46 ng/ul
RT: 9.34 min Scan# 1107
Delta R.T. 0.03 min
Lab File: BG025295.D
Acq: 18 Dec 2016 4:41

Tgt Ion:117 Resp: 4542

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



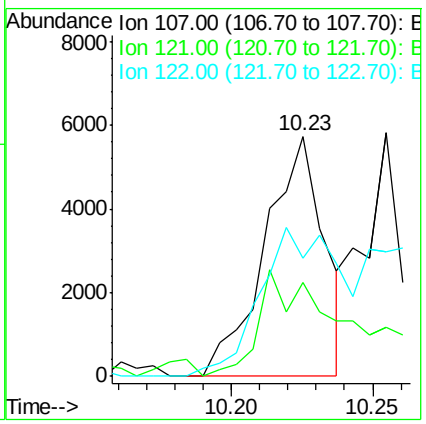


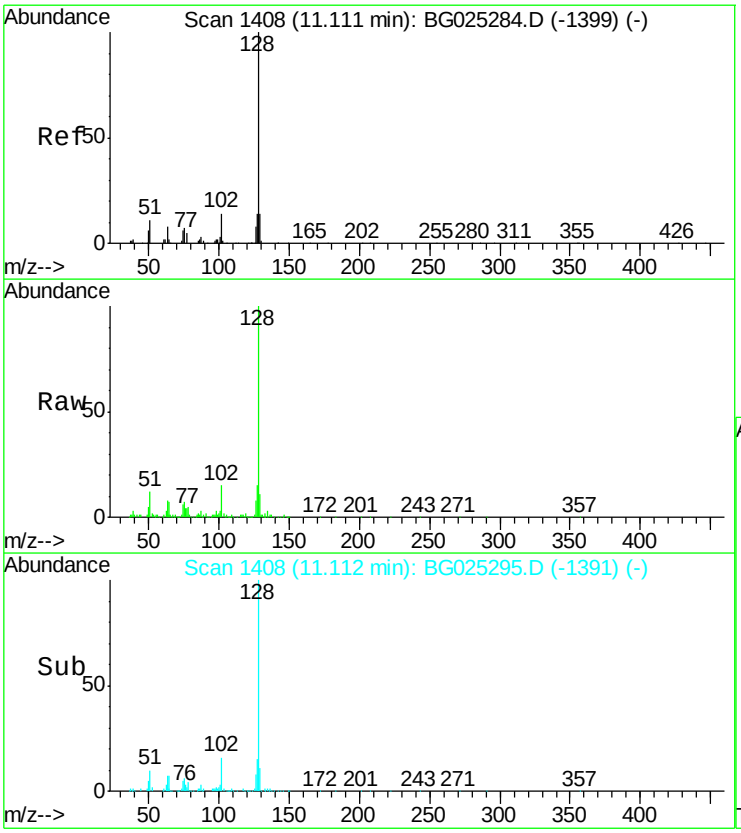
#24
2,4-Dimethylphenol
Concen: 1.40 ng/ul
RT: 10.23 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025295.D
Acq: 18 Dec 2016 4:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 8352

Ion	Ratio	Lower	Upper
107	100		
121	38.8	32.3	48.5
122	49.2	61.2	91.8#

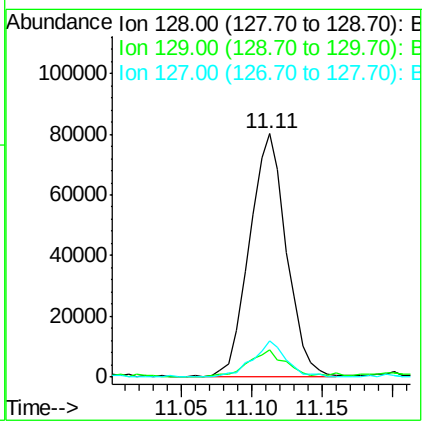


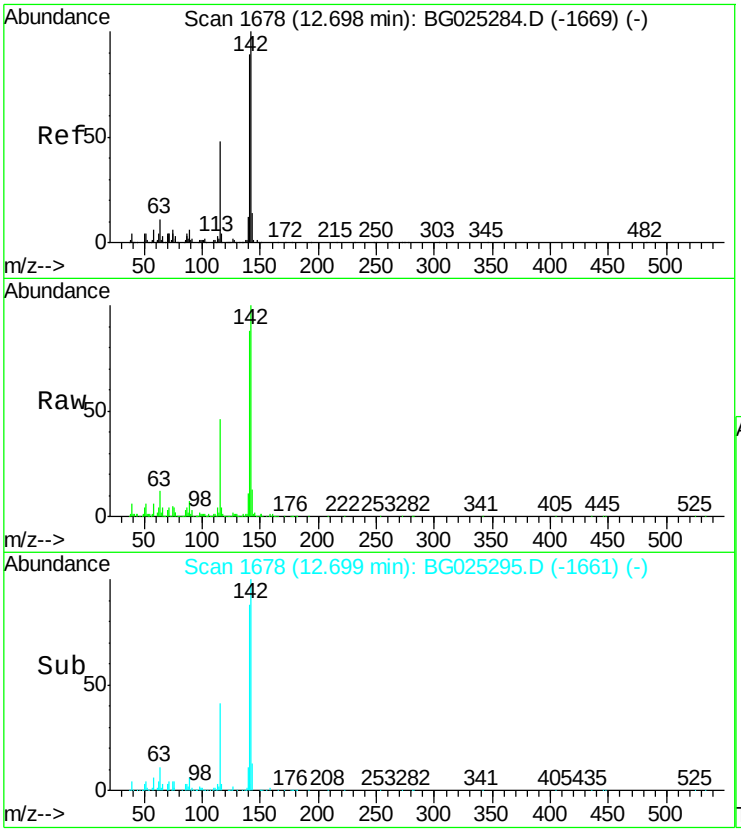


#28
Naphthalene
Concen: 10.87 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG025295.D
Acq: 18 Dec 2016 4:41

Tgt Ion:128 Resp: 147309

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	15.1	10.3	15.5



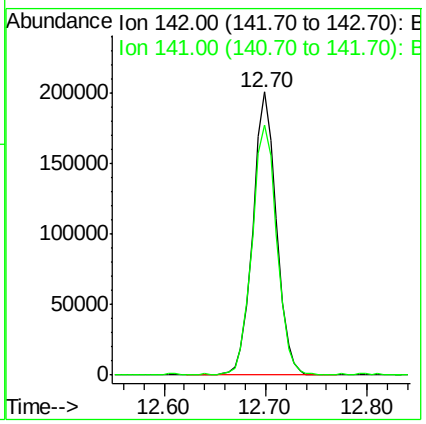


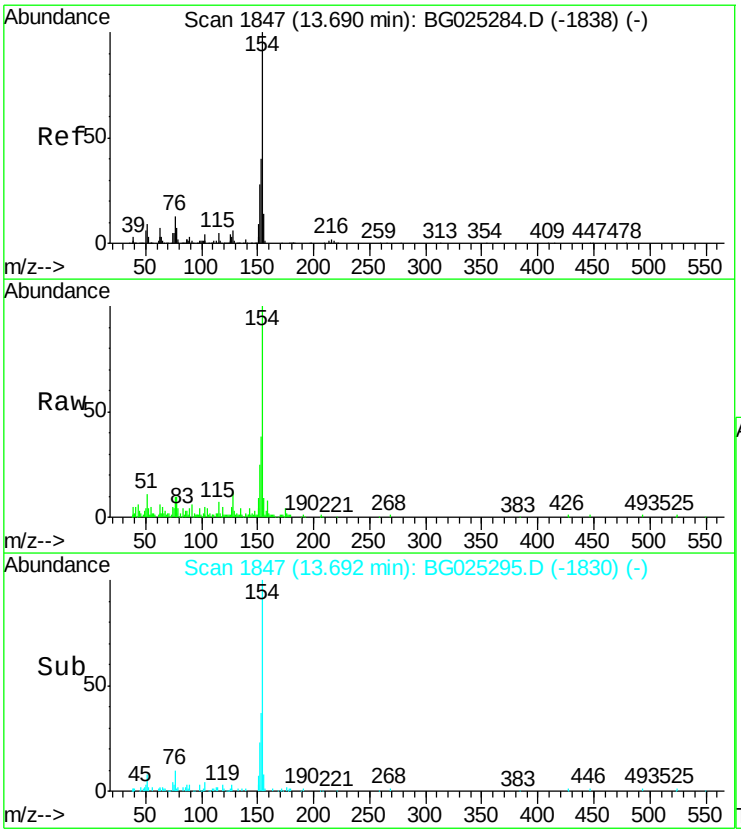
#34
2-Methylnaphthalene
Concen: 30.25 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BG025295.D
Acq: 18 Dec 2016 4:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 323406

Ion	Ratio	Lower	Upper
142	100		
141	88.4	68.6	102.8

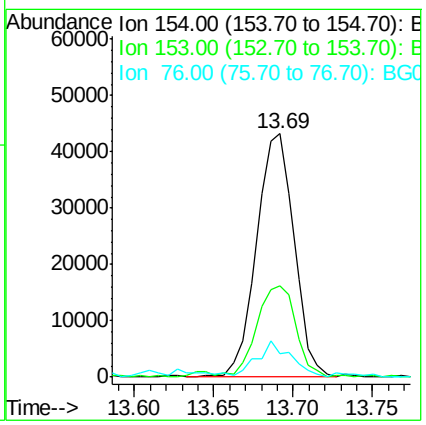


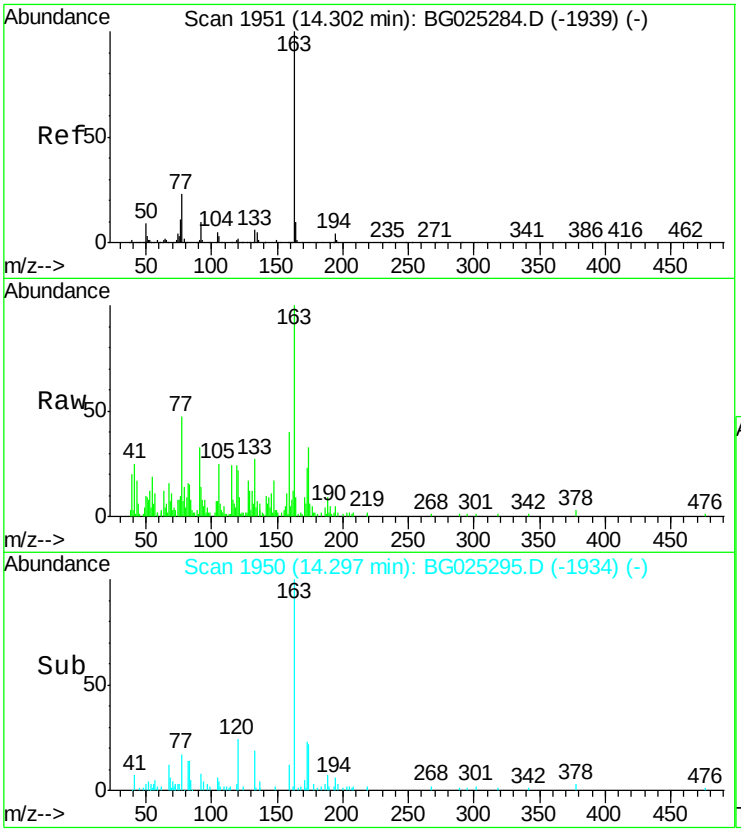


#40
1,1'-Biphenyl
Concen: 5.36 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025295.D
Acq: 18 Dec 2016 4:41

Tgt Ion:154 Resp: 71206

Ion	Ratio	Lower	Upper
154	100		
153	37.5	32.2	48.2
76	9.8	9.6	14.4



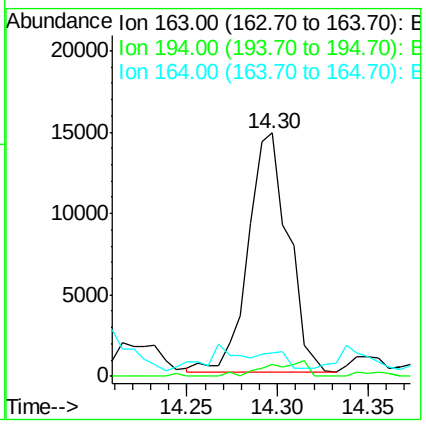


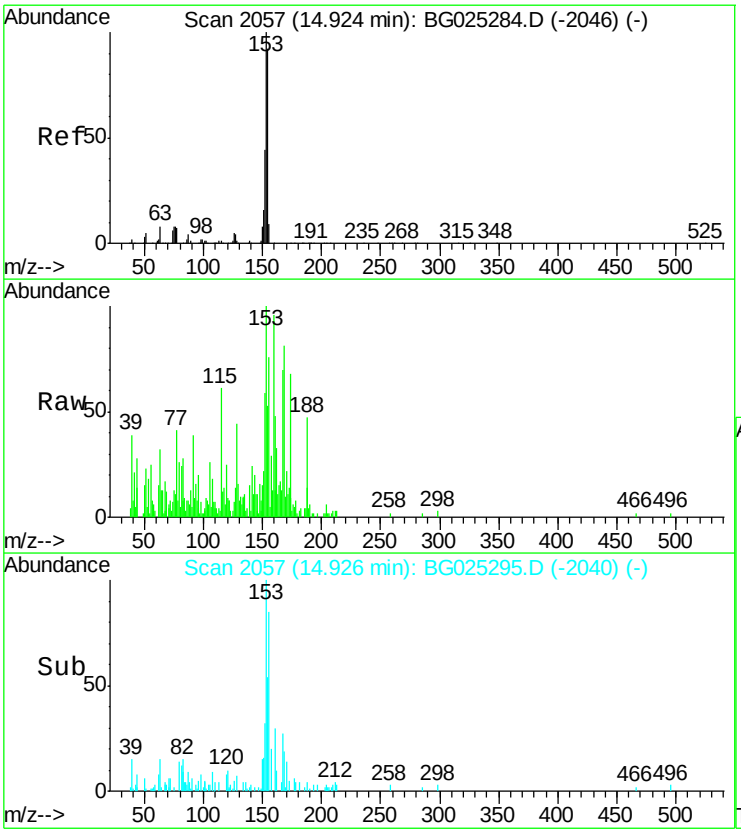
#44
Dimethylphthalate
Concen: 1.51 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025295.D
Acq: 18 Dec 2016 4:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 22392

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	9.5	9.0	13.4

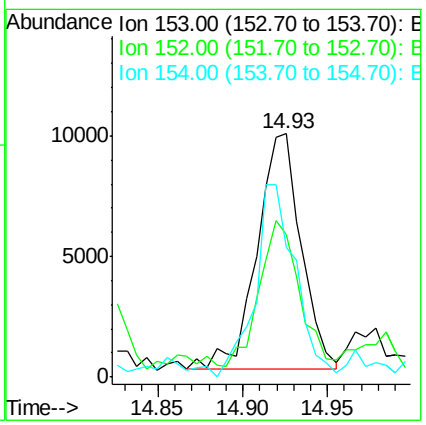


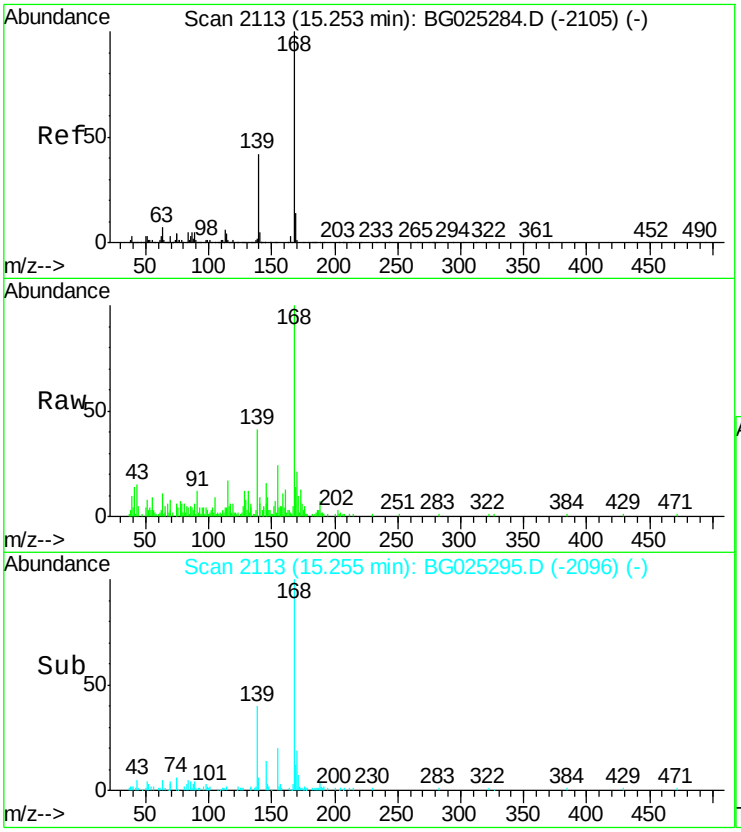


#49
Acenaphthene
Concen: 1.60 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025295.D
Acq: 18 Dec 2016 4:41

Tgt Ion:153 Resp: 17646

Ion	Ratio	Lower	Upper
153	100		
152	58.7	36.5	54.7#
154	53.0	72.3	108.5#



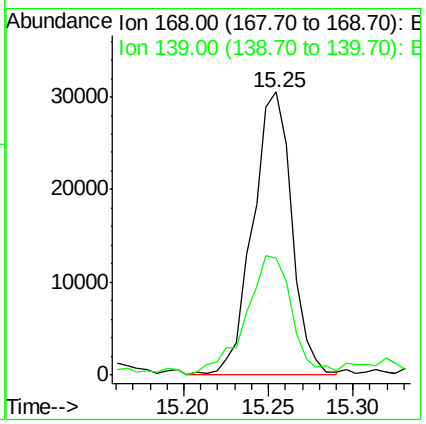


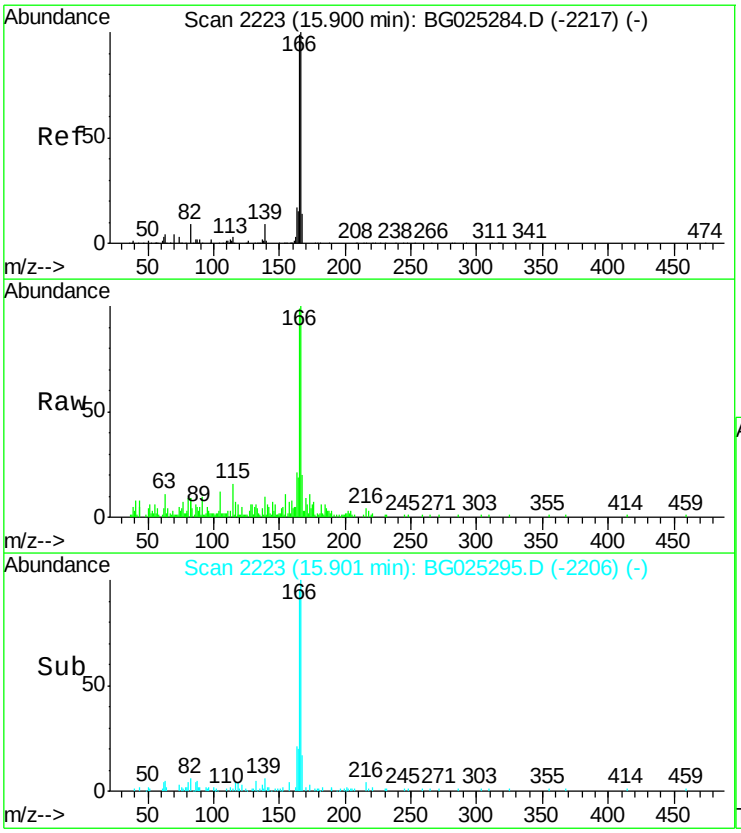
#53
Dibenzofuran
Concen: 2.80 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025295.D
Acq: 18 Dec 2016 4:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 48774

Ion	Ratio	Lower	Upper
168	100		
139	41.3	33.8	50.8





#58
Fluorene
Concen: 3.38 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG025295.D
Acq: 18 Dec 2016 4:41

Tgt Ion:166 Resp: 47863

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	19.5	11.4	17.2#