Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025285.D
Acq On : 17 Dec 2016 22:06
Operator : UM/SJ
Sample : H6040-10DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 18 04:01:41 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	73793	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	296918	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	226578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	494734	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	639831	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	639103	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	1577	1.10	ng/uL	-0.02
5) Phenol-d5	7.40	99	19048	2.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	12537	3.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	12739	2.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	16437	3.09	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	7050	3.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	8737	3.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	15343	3.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	13889	2.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	56421	3.62	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	63483	3.72	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	10363	3.87	ng/ul	0.01
57) Fluorene-d10	15.84	176	70975	4.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	9056	2.96	ng/ul	0.00
70) Anthracene-d10	17.70	188	83966	4.02	ng/ul	0.00
76) Pyrene-d10	19.97	212	97633	3.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	91864	3.55	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.43	94	8503	1.30	ng/ul#	74
11) 2-Methylphenol	8.68	108	31938	6.64	ng/ul	93
16) 4-Methylphenol	9.02	108	88517	16.54	ng/ul	89
24) 2,4-Dimethylphenol	10.22	107	124231	20.43	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.49	93	12136	1.95	ng/ul#	1
27) 2,4-Dichlorophenol	10.69	162	7722	1.58	ng/ul#	32
28) Naphthalene	11.11	128	115341	8.36	ng/ul#	92
34) 2-Methylnaphthalene	12.70	142	125912	11.56	ng/ul	91
40) 1,1'-Biphenyl	13.68	154	28141	2.05	ng/ul#	95
53) Dibenzofuran	15.25	168	30169	1.68	ng/ul	88
58) Fluorene	15.90	166	45910	3.14	ng/ul#	95
69) Phenanthrene	17.64	178	48404	2.05	ng/ul#	93

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

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Sample : H6040-10DL 10X
Misc :
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Instrument :
BNA_G
ClientSampleId :

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Quant Title : SVOA CALIBRATION
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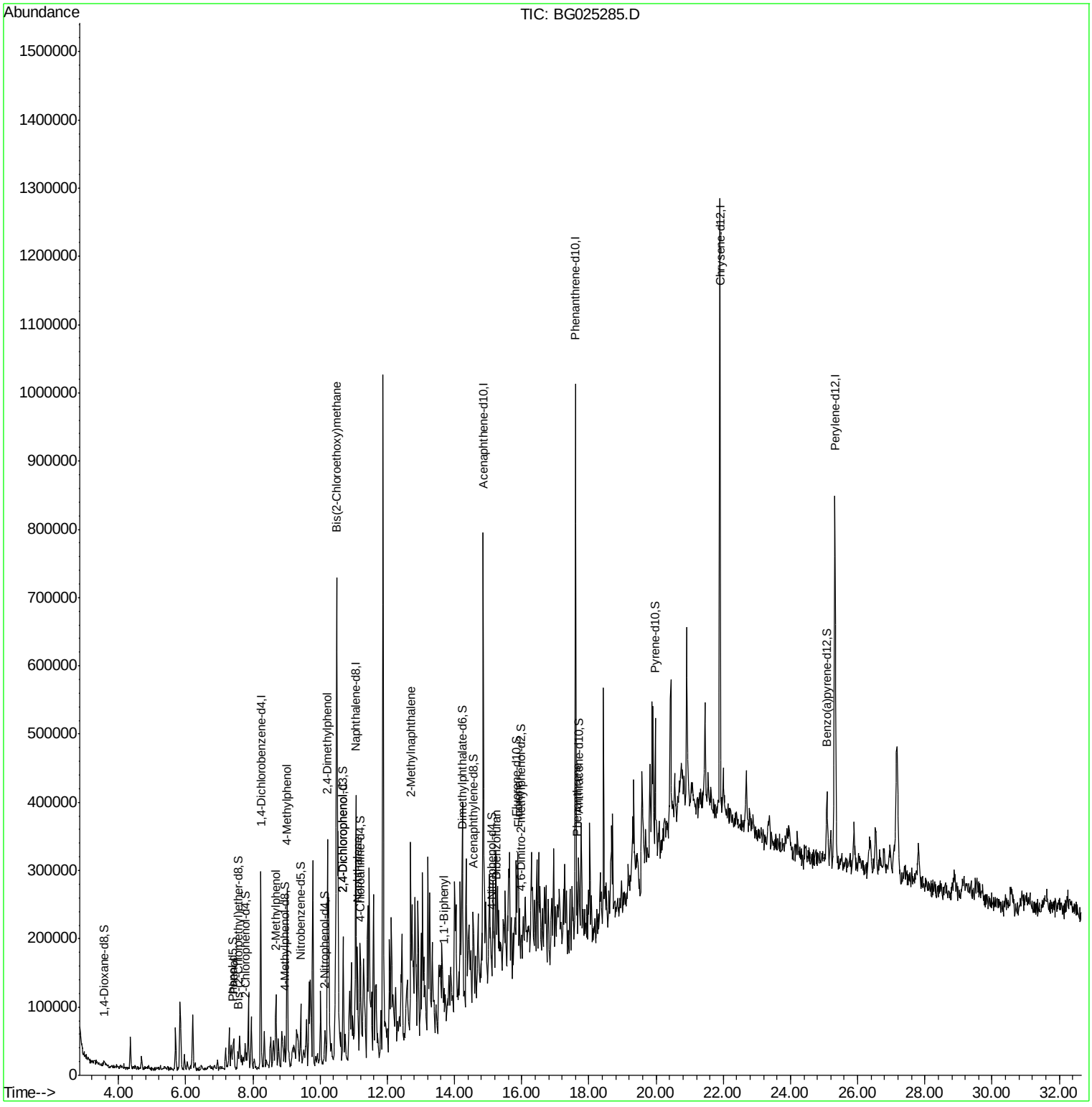
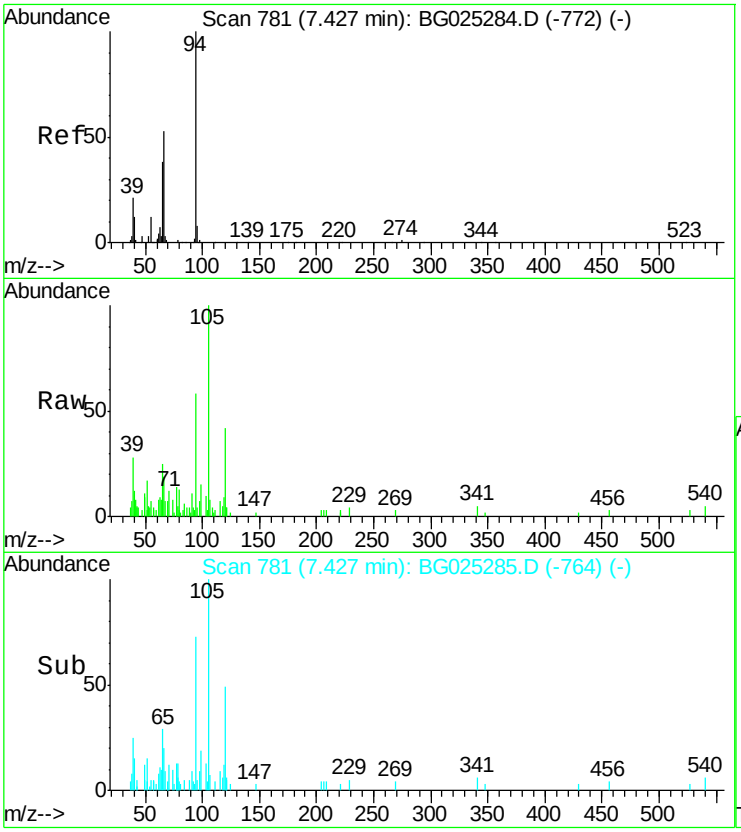


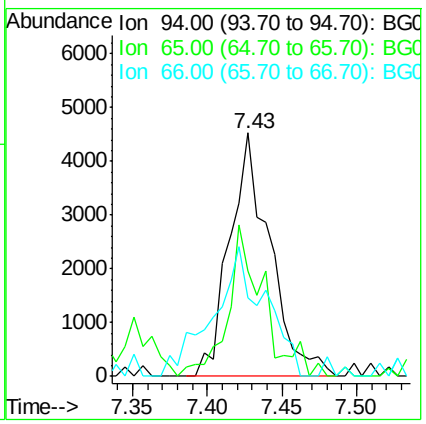


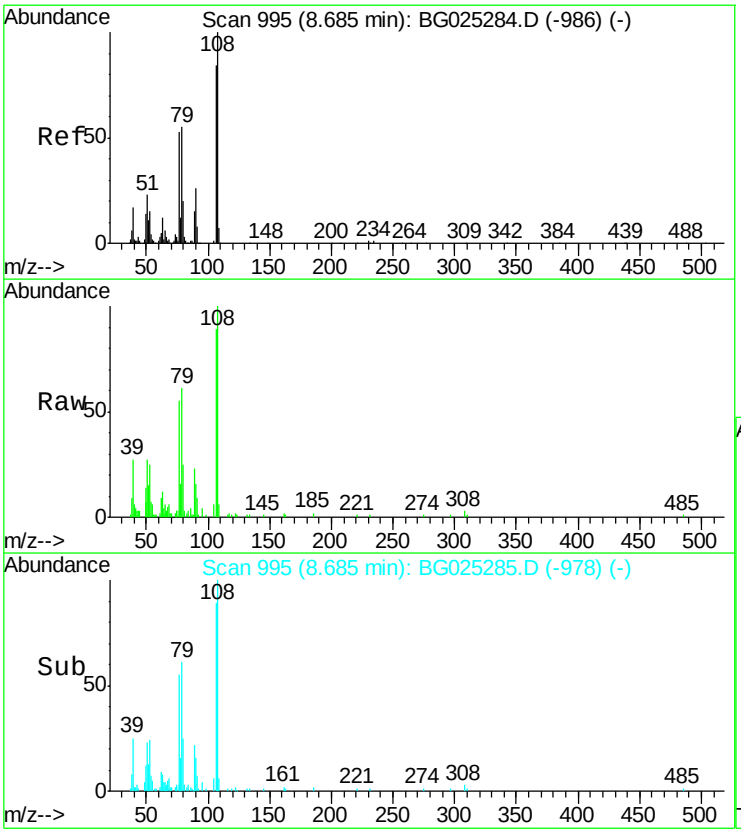
#6
Phenol
Concen: 1.30 ng/ul
RT: 7.43 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 8503

Ion	Ratio	Lower	Upper
94	100		
65	43.1	26.8	40.2#
66	32.3	44.4	66.6#

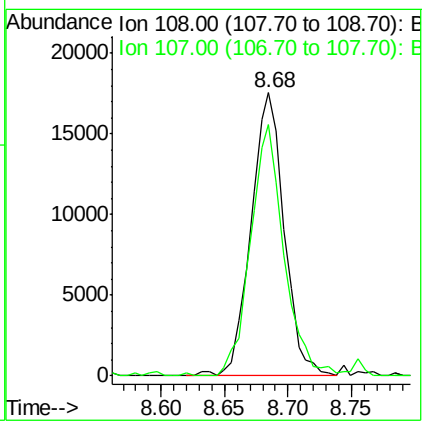


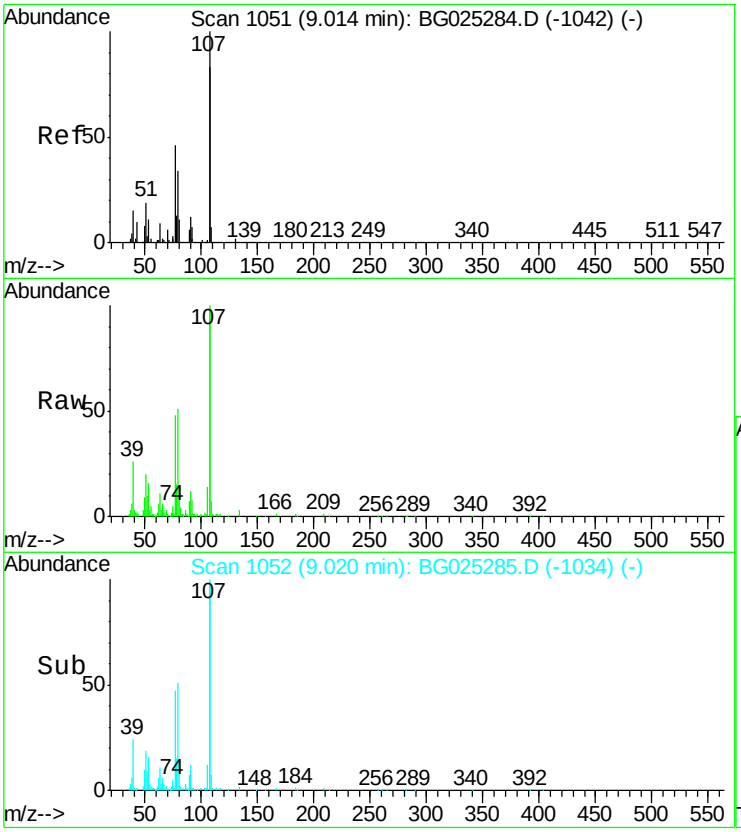


#11
2-Methylphenol
Concen: 6.64 ng/ul
RT: 8.68 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Tgt Ion:108 Resp: 31938

Ion	Ratio	Lower	Upper
108	100		
107	88.7	76.7	115.1



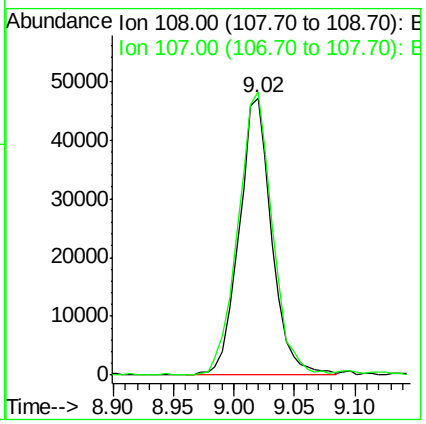


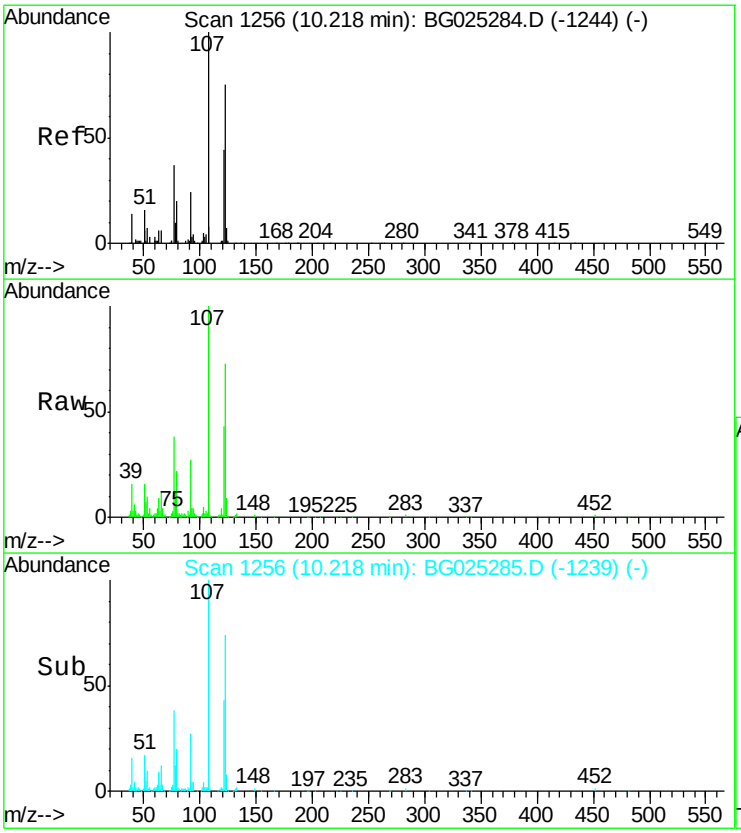
#16
4-Methylphenol
Concen: 16.54 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 88517

Ion	Ratio	Lower	Upper
108	100		
107	102.2	91.7	137.5

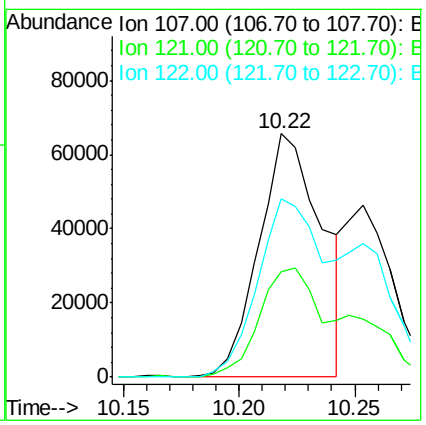


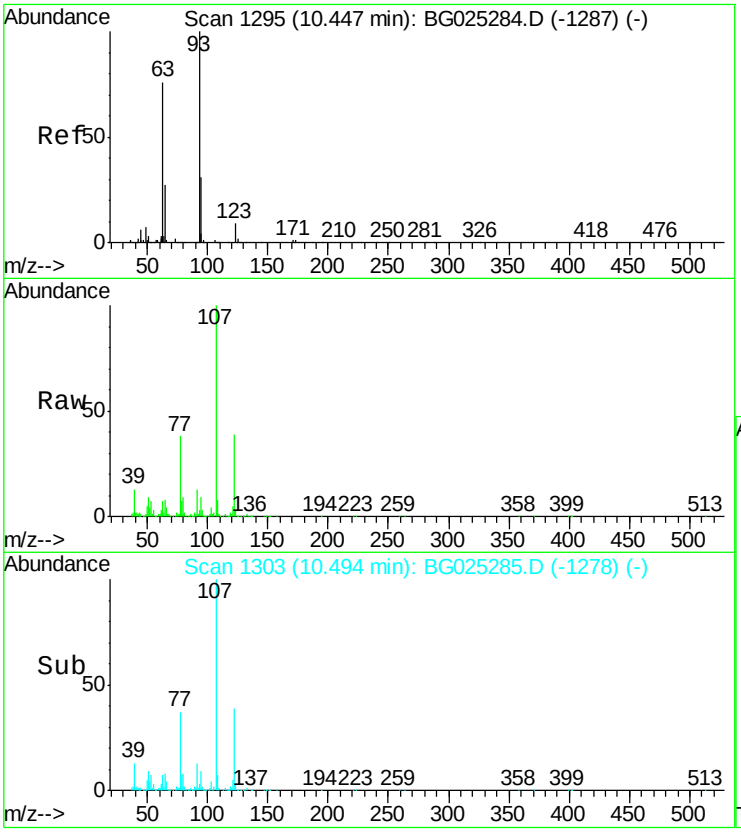


#24
2,4-Dimethylphenol
Concen: 20.43 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Tgt Ion:107 Resp: 124231

Ion	Ratio	Lower	Upper
107	100		
121	43.4	32.3	48.5
122	73.1	61.2	91.8



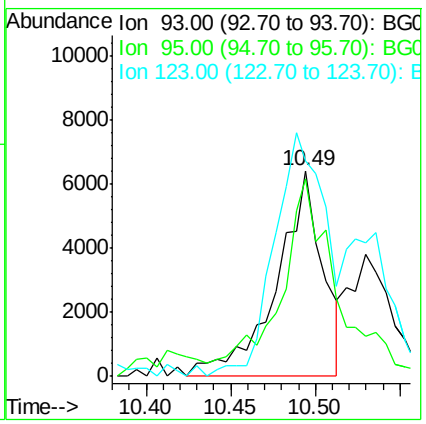


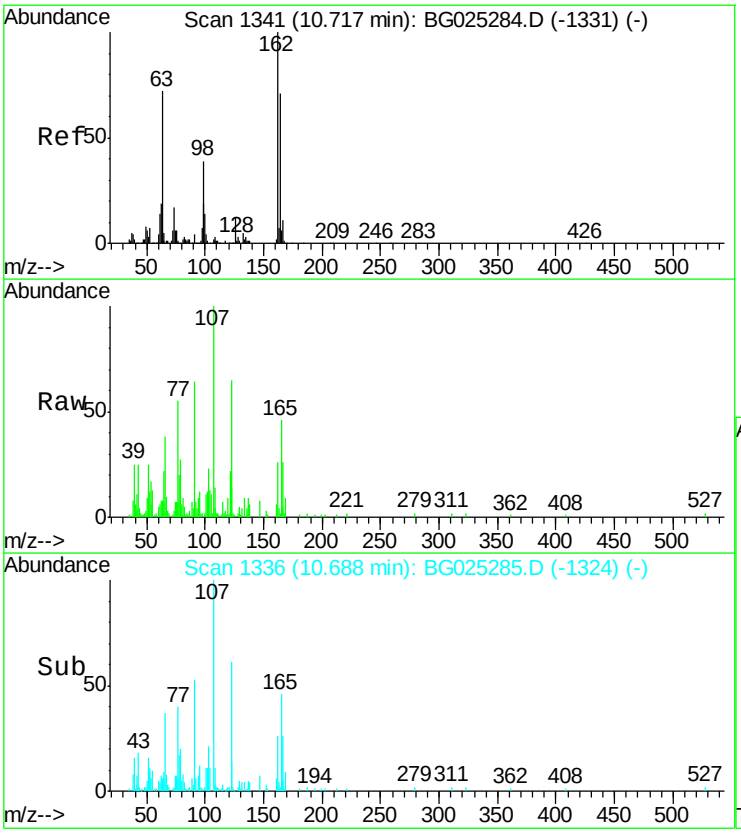
#25
Bis(2-Chloroethoxy)methane
Concen: 1.95 ng/ul
RT: 10.49 min Scan# 1303
Delta R.T. 0.05 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 12136

Ion	Ratio	Lower	Upper
93	100		
95	95.9	23.4	35.0#
123	104.8	7.8	11.6#

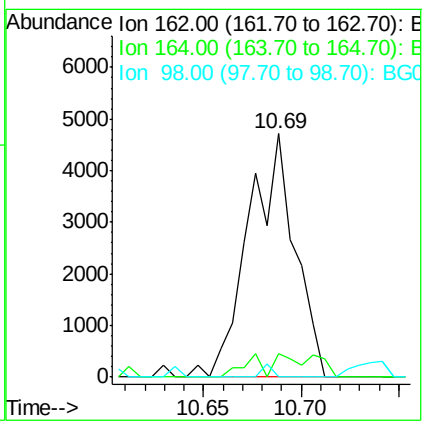


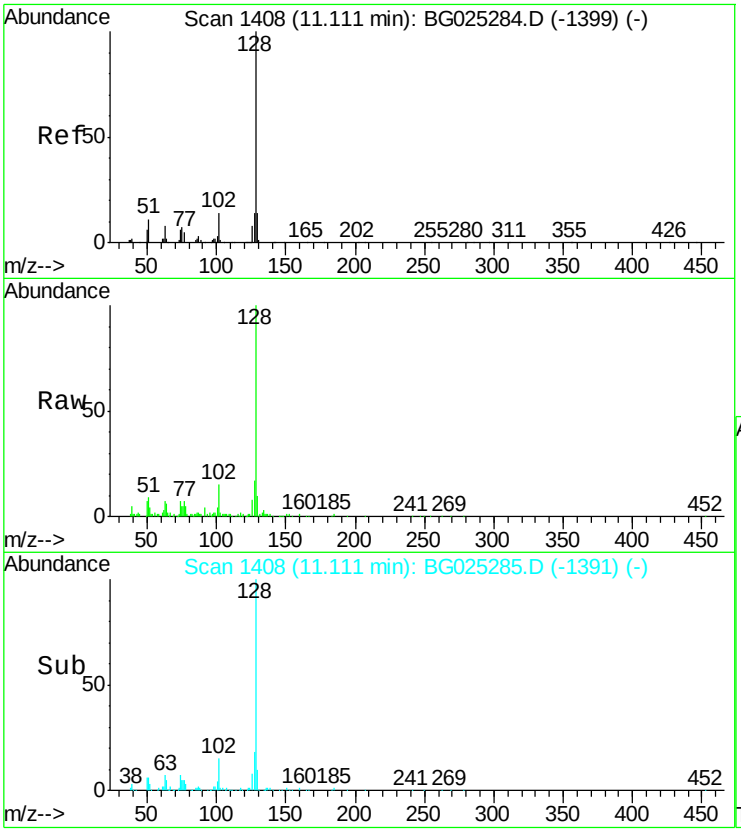


#27
2,4-Dichlorophenol
Concen: 1.58 ng/ul
RT: 10.69 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Tgt Ion:162 Resp: 7722

Ion	Ratio	Lower	Upper
162	100		
164	9.6	50.8	76.2#
98	0.0	32.1	48.1#



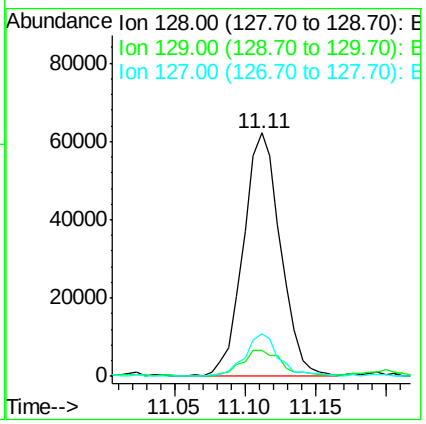


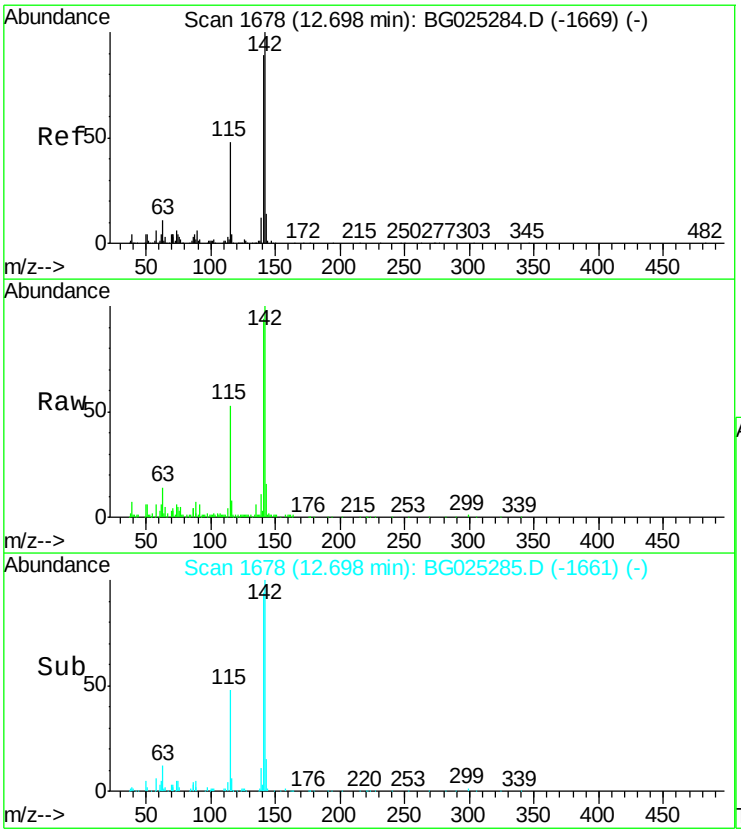
#28
Naphthalene
Concen: 8.36 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 115341

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.2
127	17.4	10.3	15.5#

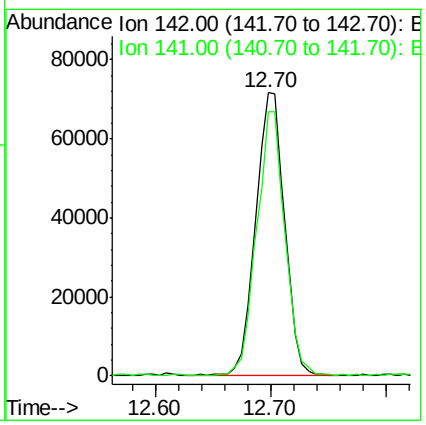


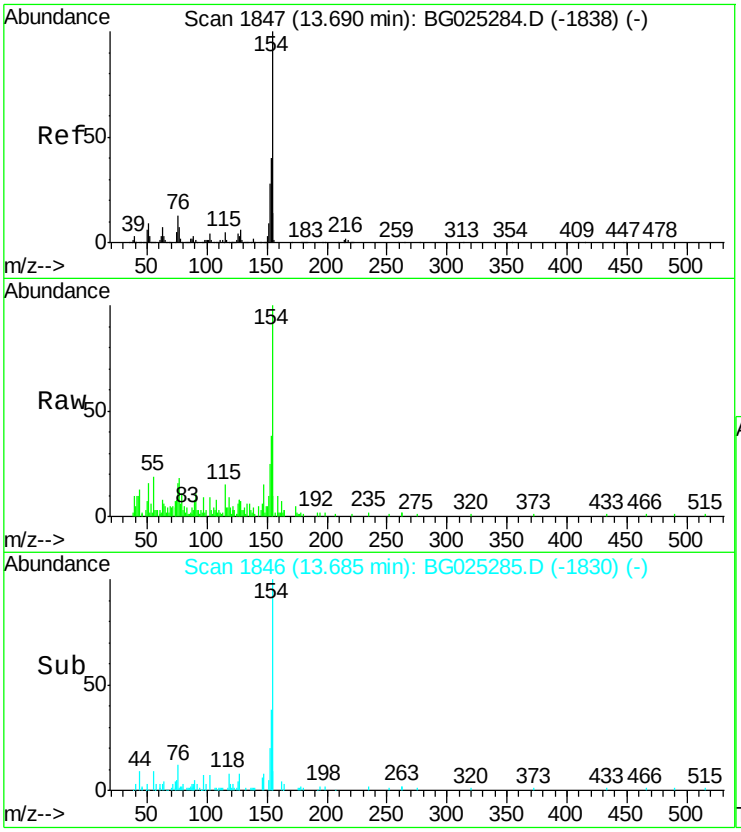


#34
2-Methylnaphthalene
Concen: 11.56 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Tgt Ion:142 Resp: 125912

Ion	Ratio	Lower	Upper
142	100		
141	93.5	68.6	102.8



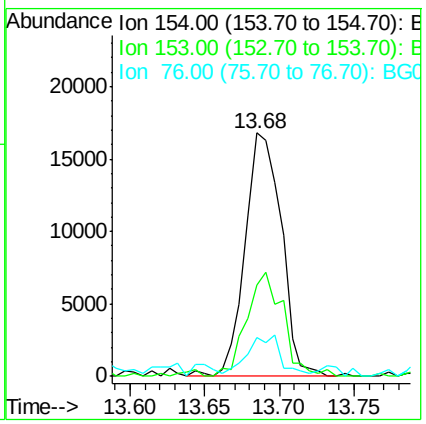


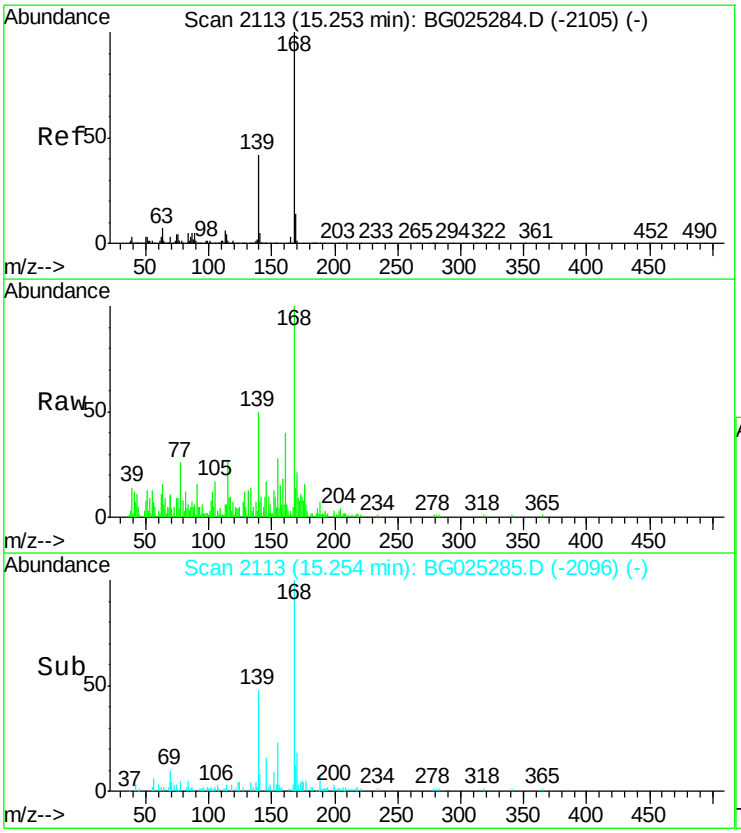
#40
1,1'-Biphenyl
Concen: 2.05 ng/ul
RT: 13.68 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 28141

Ion	Ratio	Lower	Upper
154	100		
153	37.7	32.2	48.2
76	15.7	9.6	14.4#

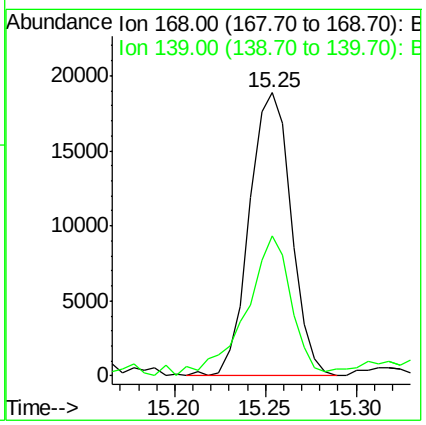


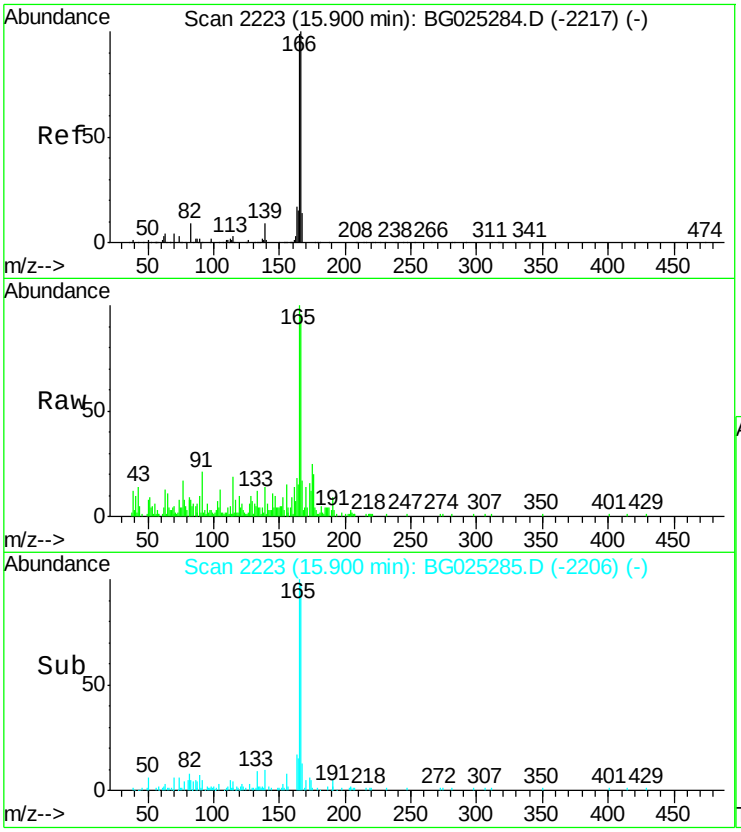


#53
Dibenzofuran
Concen: 1.68 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Tgt Ion:168 Resp: 30169

Ion	Ratio	Lower	Upper
168	100		
139	49.7	33.8	50.8



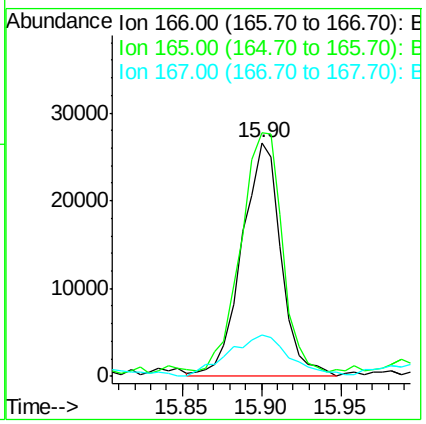


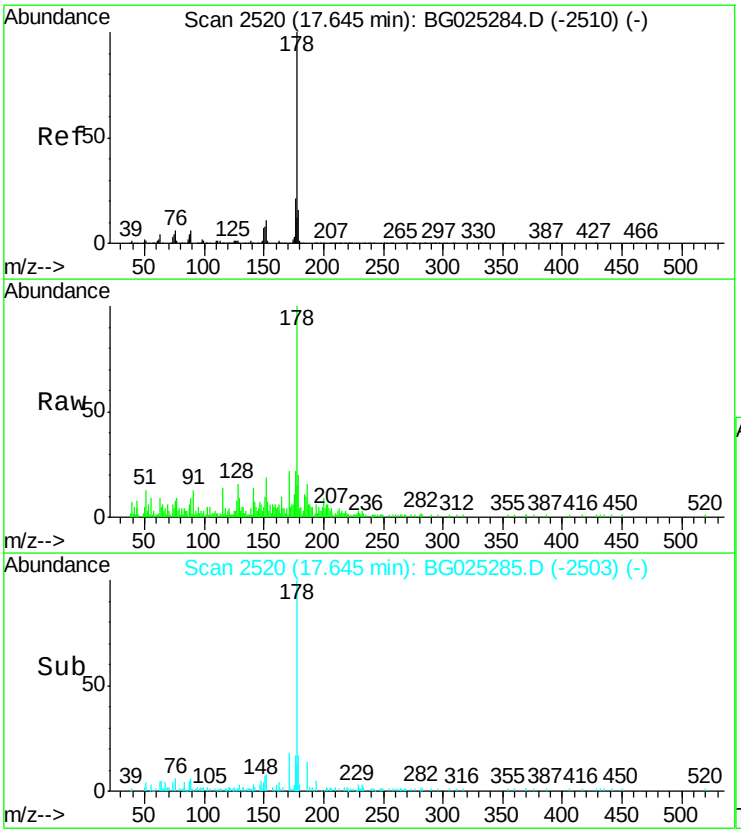
#58
Fluorene
Concen: 3.14 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 45910

Ion	Ratio	Lower	Upper
166	100		
165	104.1	79.7	119.5
167	17.5	11.4	17.2#





#69
Phenanthrene
Concen: 2.05 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025285.D
Acq: 17 Dec 2016 22:06

Tgt Ion:178 Resp: 48404

Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.4	18.6#
176	22.1	16.5	24.7