Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 19 04:45:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	66111	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	276832	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	205875	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	457549	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	605619	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	613819	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	297	0.23	ng/uL	0.00
5) Phenol-d5	7.40	99	6645	1.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	4602	1.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	5081	1.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	6123	1.28	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	2724	1.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	3256	1.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	6236	1.33	ng/ul	0.01
29) 4-Chloroaniline-d4	11.20	131	18774	4.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	20018	1.41	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	24390	1.57	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	1326	0.54	ng/ul	0.00
57) Fluorene-d10	15.85	176	22969	1.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	825	0.29	ng/ul	0.00
70) Anthracene-d10	17.70	188	29332	1.52	ng/ul	0.00
76) Pyrene-d10	19.97	212	35186	1.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	38138	1.53	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	9.02	108	5516	1.15	ng/ul#	72
17) Hexachloroethane	9.34	117	3484	1.96	ng/ul#	7
24) 2,4-Dimethylphenol	10.22	107	7394	1.30	ng/ul#	80
27) 2,4-Dichlorophenol	10.68	162	13243	2.90	ng/ul#	26
28) Naphthalene	11.11	128	194735	15.13	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	303577	29.89	ng/ul	98
40) 1,1'-Biphenyl	13.69	154	56255	4.51	ng/ul#	90
49) Acenaphthene	14.92	153	14360	1.39	ng/ul#	74
53) Dibenzofuran	15.25	168	31734	1.94	ng/ul	93
58) Fluorene	15.90	166	34215	2.57	ng/ul#	88

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

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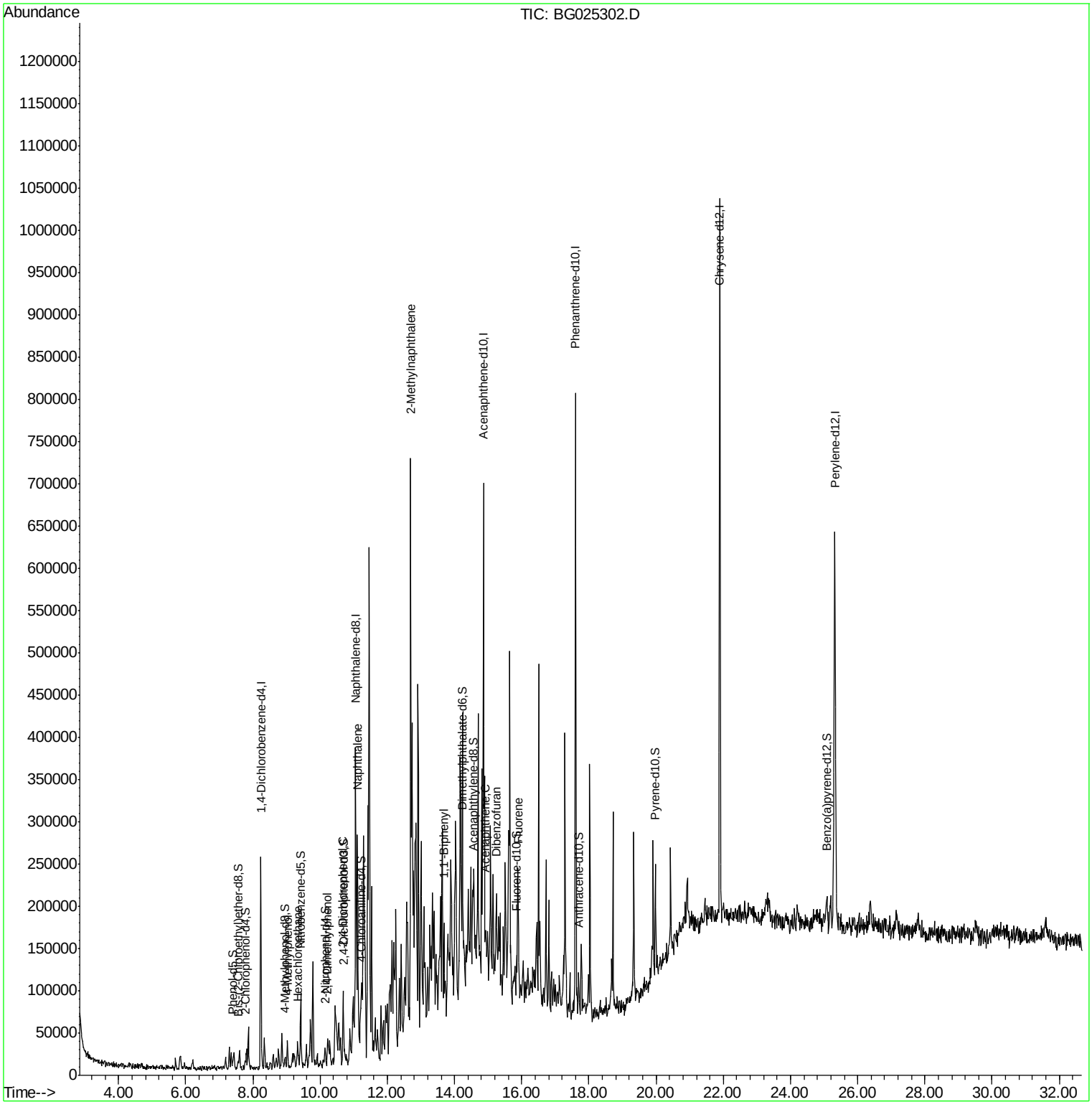
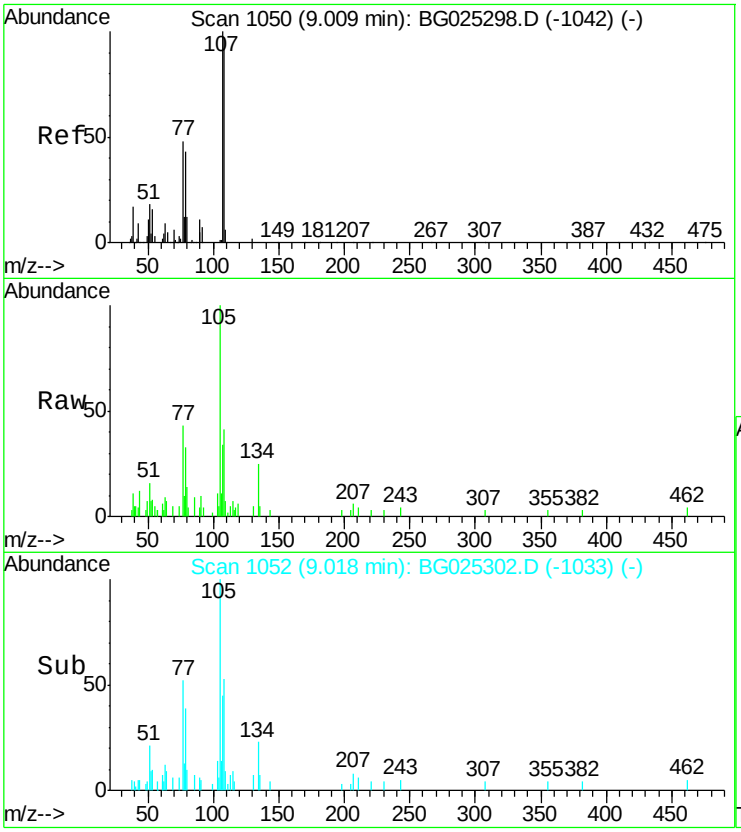


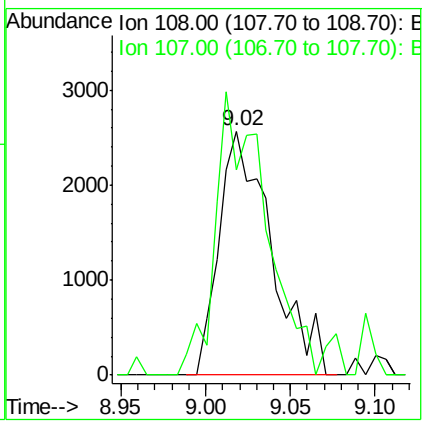


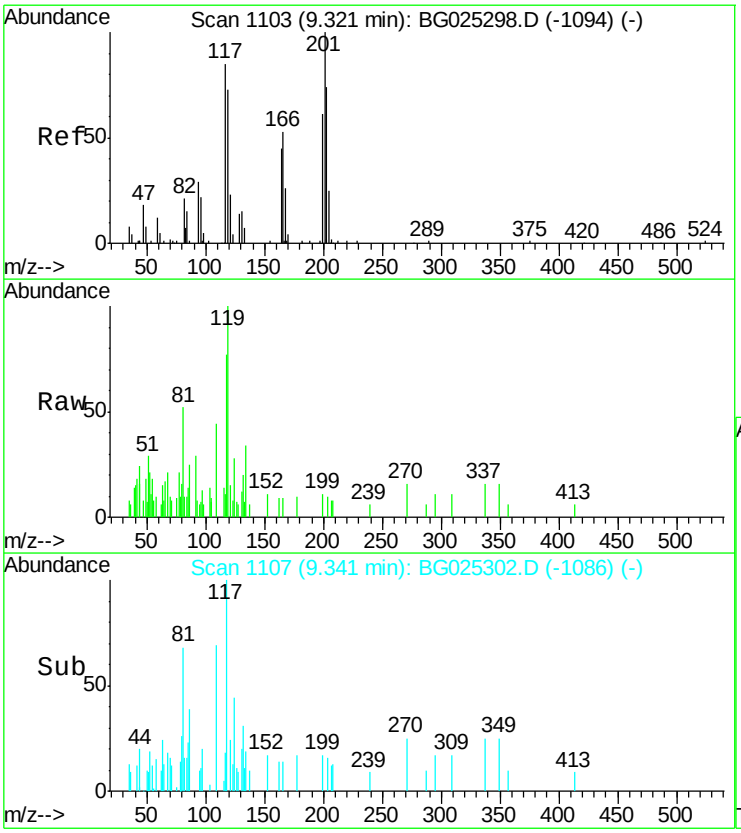
#16
4-Methylphenol
Concen: 1.15 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BG025302.D
Acq: 18 Dec 2016 9:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:108 Resp: 5516

Ion	Ratio	Lower	Upper
108	100		
107	84.2	91.7	137.5#

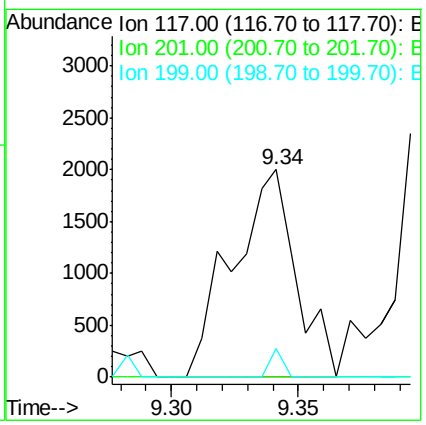


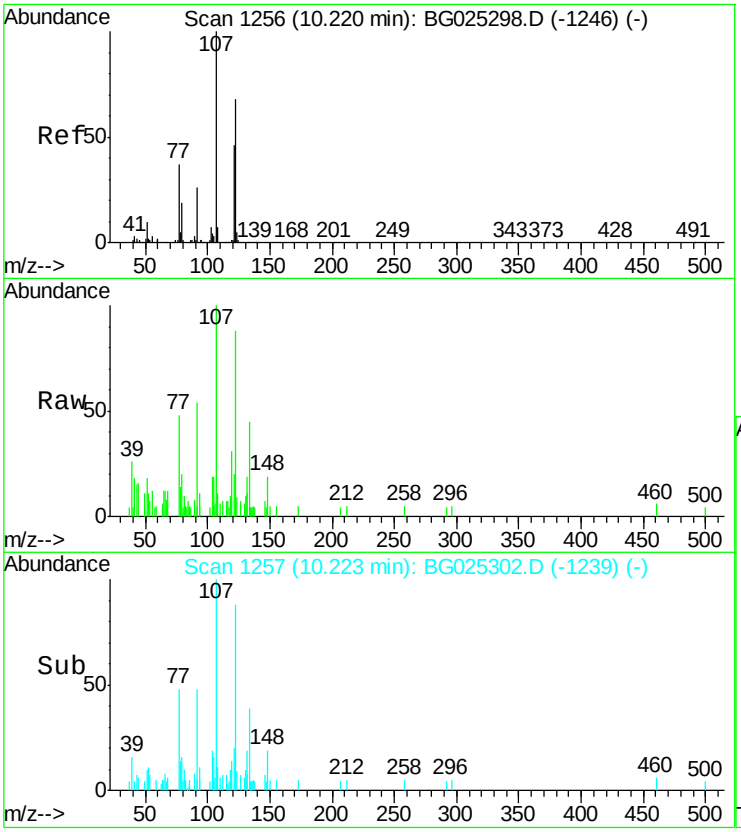


#17
Hexachloroethane
Concen: 1.96 ng/ul
RT: 9.34 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BG025302.D
Acq: 18 Dec 2016 9:17

Tgt Ion:117 Resp: 3484

Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.9	137.9#
199	13.8	64.3	96.5#



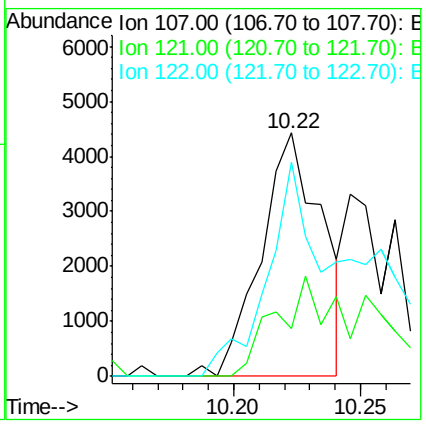


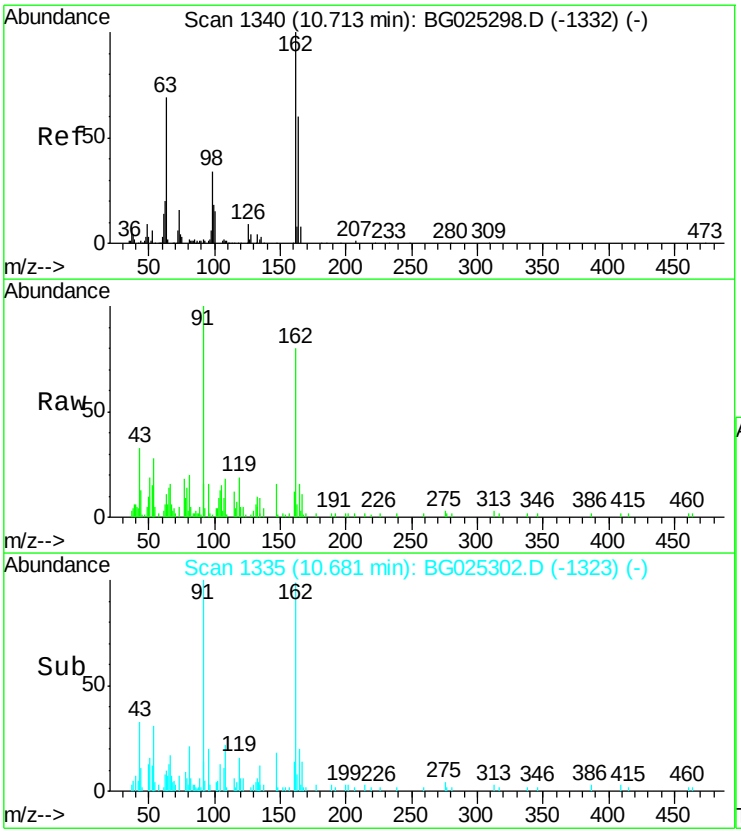
#24
2,4-Dimethylphenol
Concen: 1.30 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BG025302.D
Acq: 18 Dec 2016 9:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 7394

Ion	Ratio	Lower	Upper
107	100		
121	19.7	32.3	48.5#
122	87.9	61.2	91.8

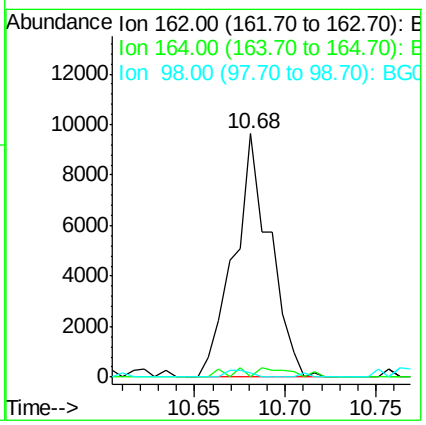


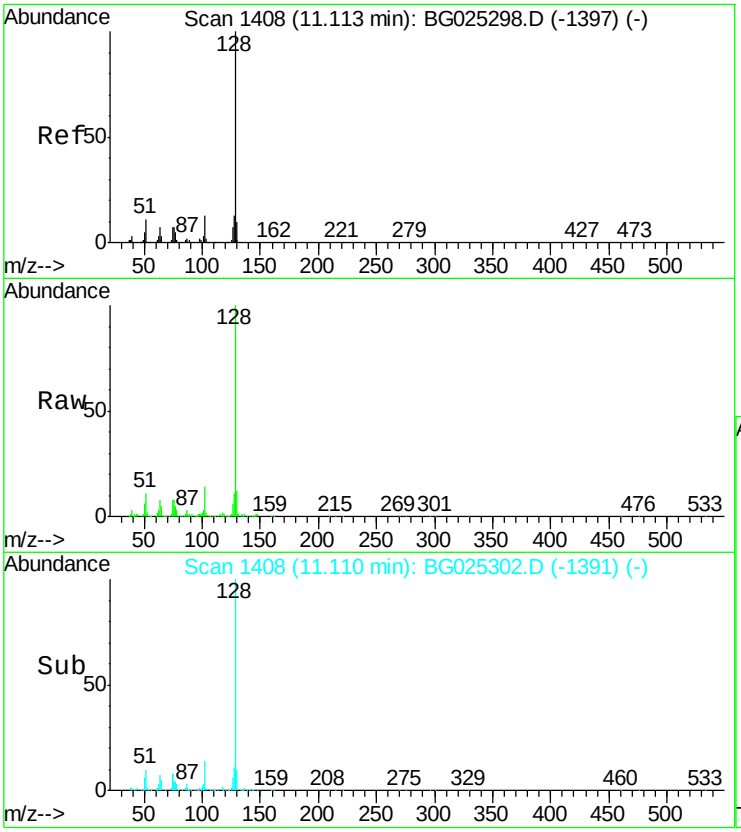


#27
2,4-Dichlorophenol
Concen: 2.90 ng/ul
RT: 10.68 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BG025302.D
Acq: 18 Dec 2016 9:17

Tgt Ion:162 Resp: 13243

Ion	Ratio	Lower	Upper
162	100		
164	0.0	50.8	76.2#
98	1.7	32.1	48.1#



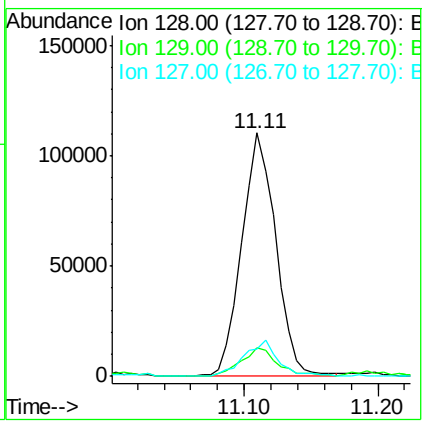


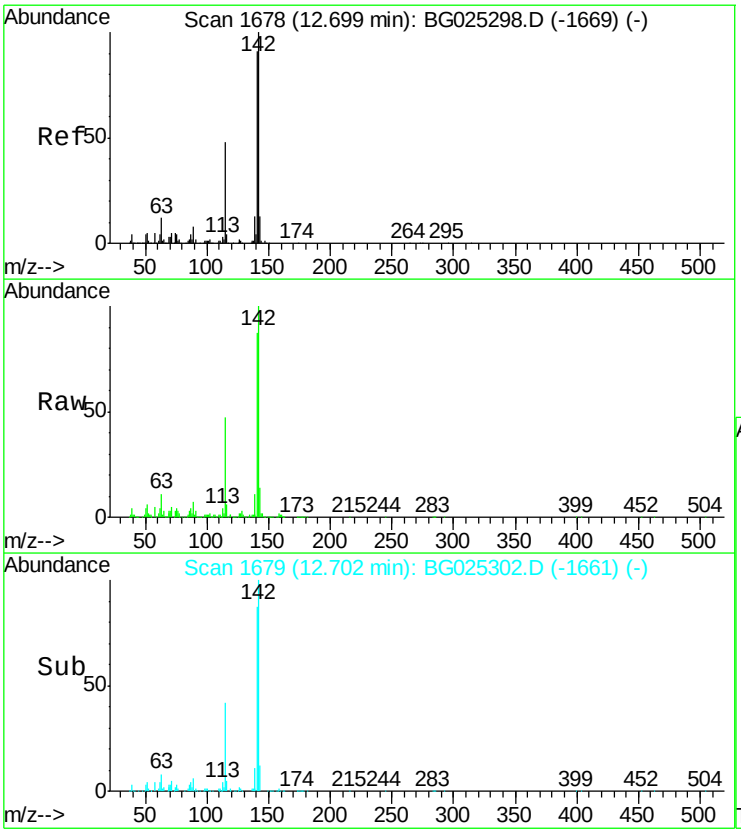
#28
Naphthalene
Concen: 15.13 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025302.D
Acq: 18 Dec 2016 9:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 194735

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	11.3	10.3	15.5

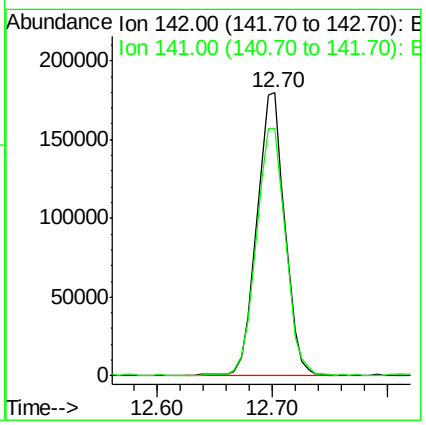


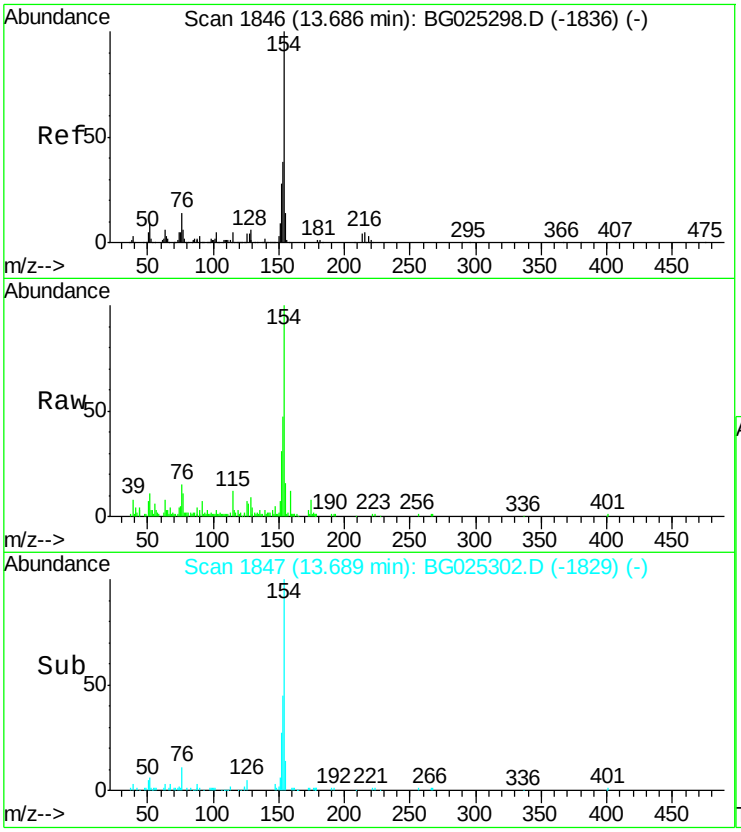


#34
2-Methylnaphthalene
Concen: 29.89 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025302.D
Acq: 18 Dec 2016 9:17

Tgt Ion:142 Resp: 303577

Ion	Ratio	Lower	Upper
142	100		
141	87.2	68.6	102.8



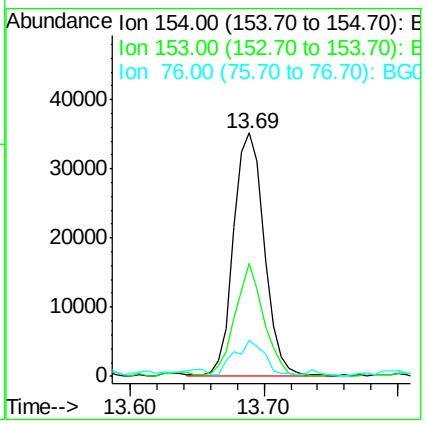


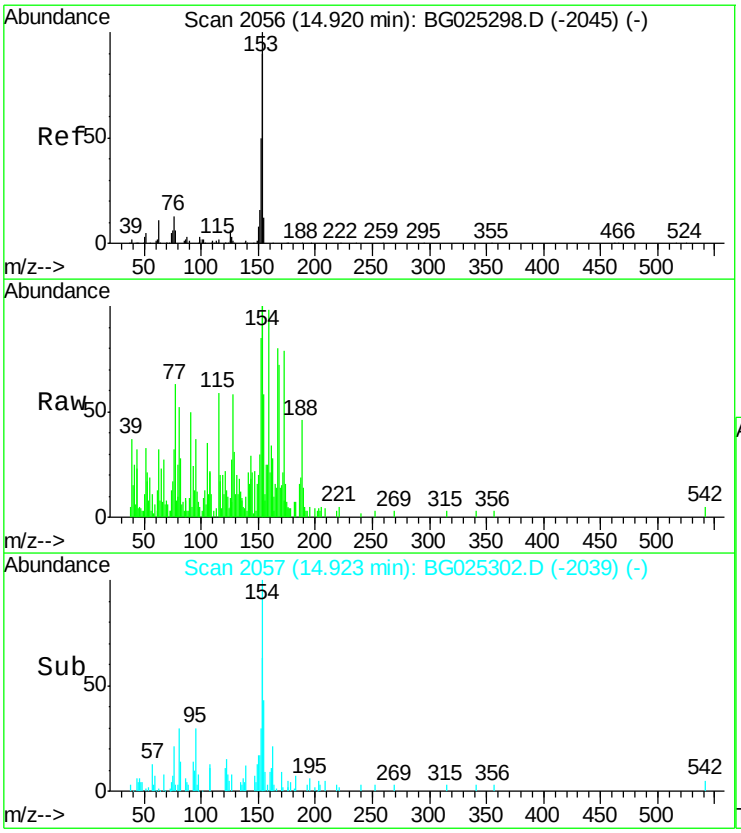
#40
1,1'-Biphenyl
Concen: 4.51 ng/ul
RT: 13.69 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG025302.D
Acq: 18 Dec 2016 9:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 56255

Ion	Ratio	Lower	Upper
154	100		
153	46.6	32.2	48.2
76	15.0	9.6	14.4#

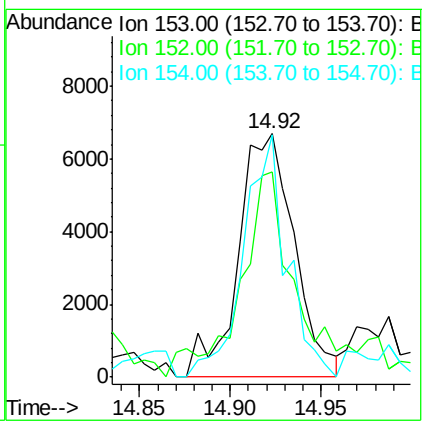


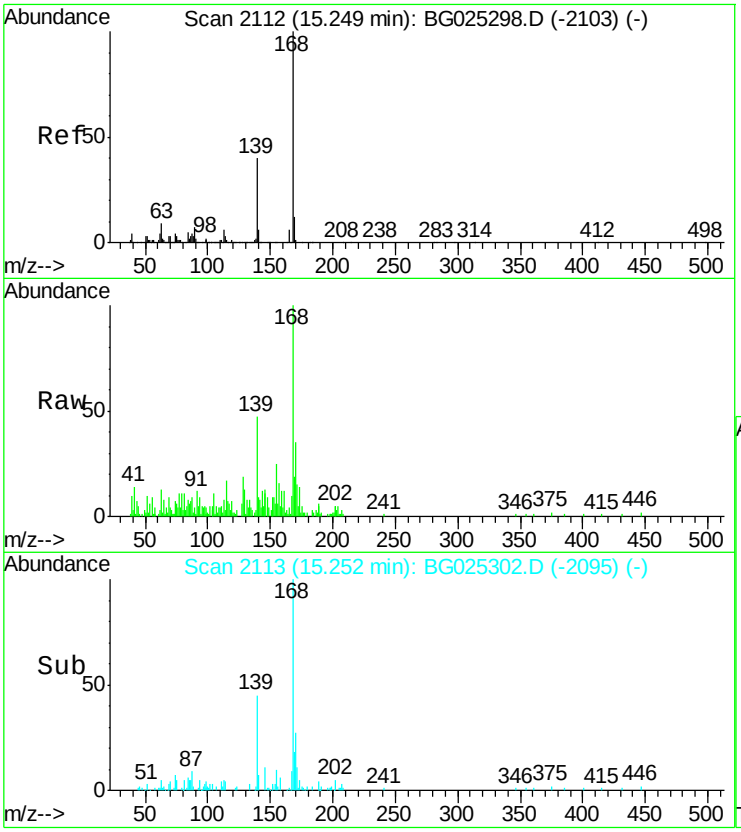


#49
Acenaphthene
Concen: 1.39 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG025302.D
Acq: 18 Dec 2016 9:17

Tgt Ion:153 Resp: 14360

Ion	Ratio	Lower	Upper
153	100		
152	84.5	36.5	54.7#
154	99.7	72.3	108.5



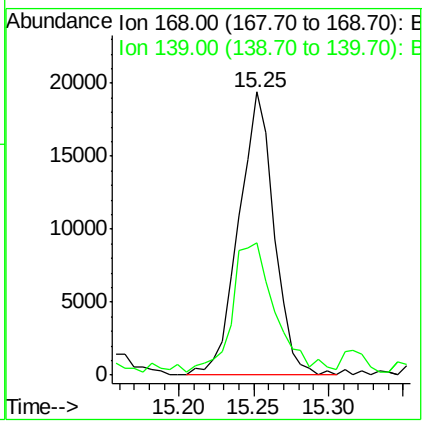


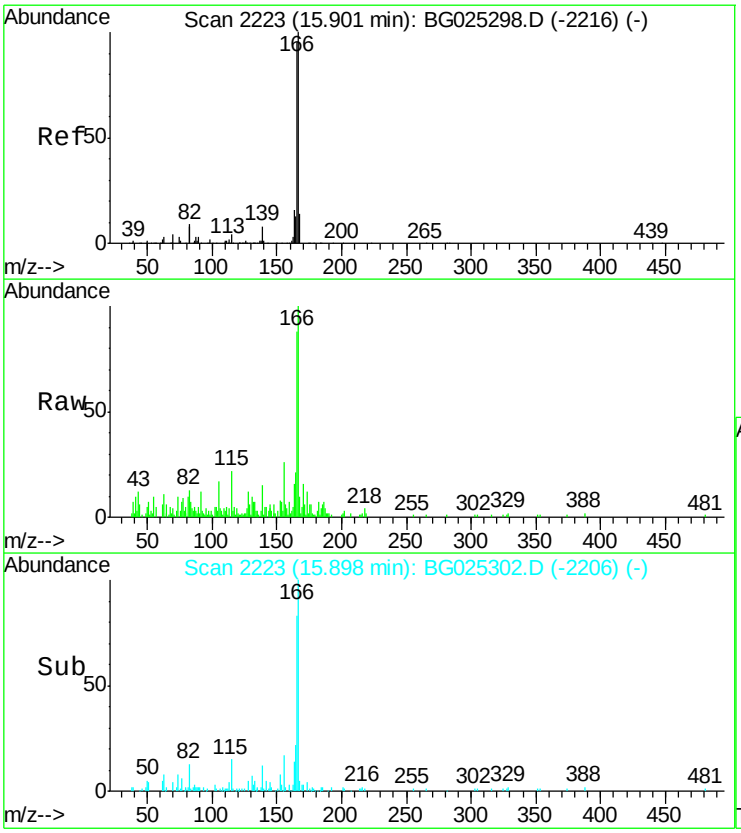
#53
Dibenzofuran
Concen: 1.94 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG025302.D
Acq: 18 Dec 2016 9:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 31734

Ion	Ratio	Lower	Upper
168	100		
139	46.7	33.8	50.8





#58
Fluorene
Concen: 2.57 ng/ul
RT: 15.90 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG025302.D
Acq: 18 Dec 2016 9:17

Tgt Ion:166 Resp: 34215

Ion	Ratio	Lower	Upper
166	100		
165	88.0	79.7	119.5
167	9.9	11.4	17.2#