Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021300.D
Acq On : 5 Mar 2016 11:21
Operator : UM/SJ
Sample : H1665-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0087MS

Quant Time: Mar 07 03:14:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 03:13:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11381	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	51637	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	31702	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	75512	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	80310	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	74291	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	228	0.81	ng/uL	0.00
5) Phenol-d5	7.27	99	6628	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	24364	30.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	19868	23.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	13455	14.14	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	14295	34.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	14483	32.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	22855	28.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	1304	1.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	87201	32.82	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	112012	33.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	2917	5.63	ng/ul	0.00
58) Fluorene-d10	15.72	176	80167	34.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	15376	28.37	ng/ul	0.00
71) Anthracene-d10	17.57	188	129310	34.43	ng/ul	0.00
79) Pyrene-d10	19.84	212	142886	35.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	137244	34.22	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.30	94	7264	5.59	ng/ul	96
10) 2-Chlorophenol	7.69	128	19194	21.20	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.93	70	28149	28.22	ng/ul	99
33) 4-Chloro-3-methylphenol	12.19	107	27630	24.84	ng/ul	99
50) Acenaphthene	14.80	153	71976	30.63	ng/ul	97
53) 4-Nitrophenol	14.93	109	3525	5.63	ng/ul	93
55) 2,4-Dinitrotoluene	15.08	165	25704	29.67	ng/ul	92
69) Pentachlorophenol	17.12	266	16087	28.30	ng/ul#	90
80) Pyrene	19.87	202	171266	31.82	ng/ul	96

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

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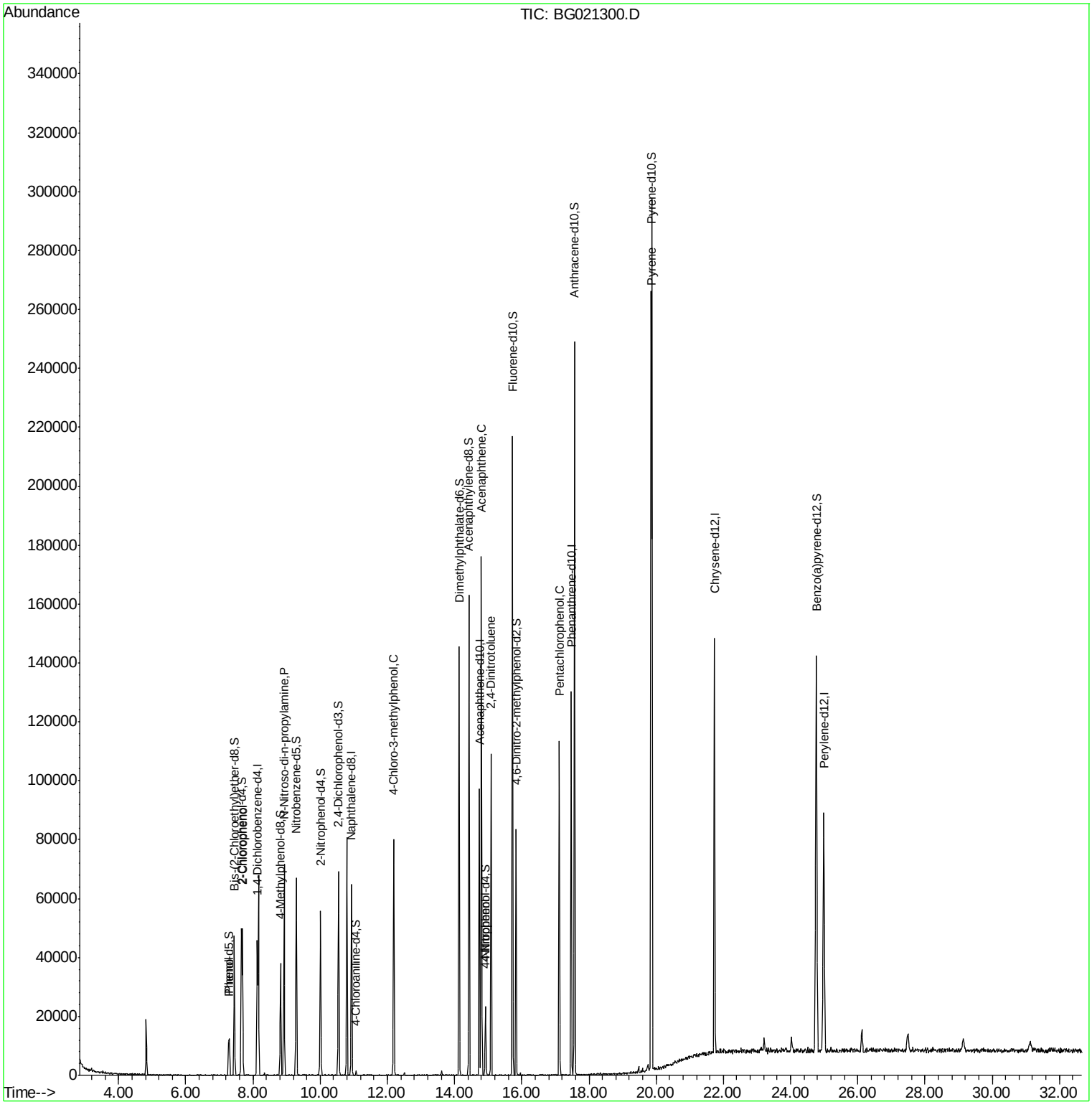
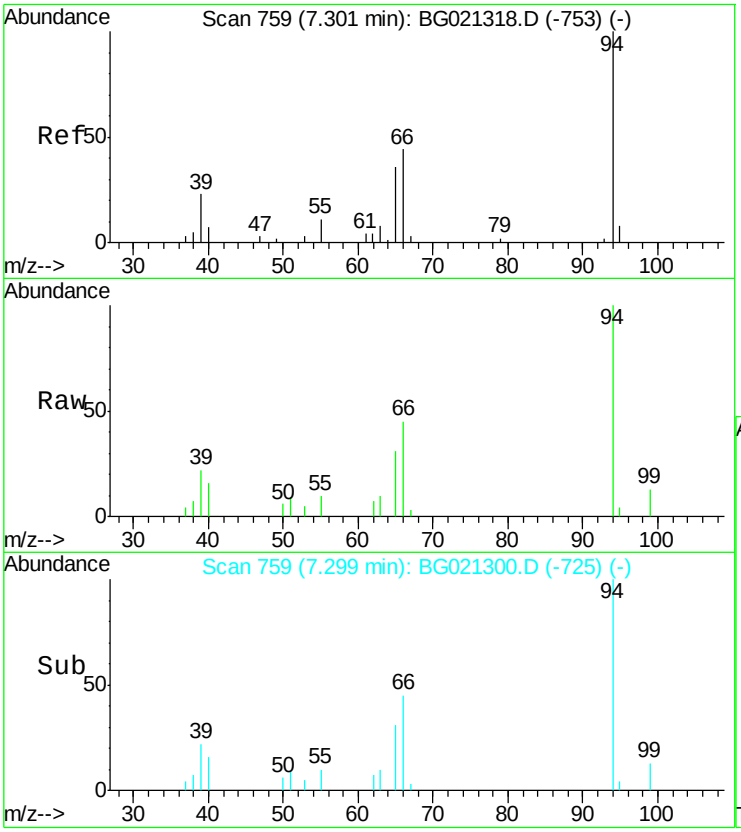


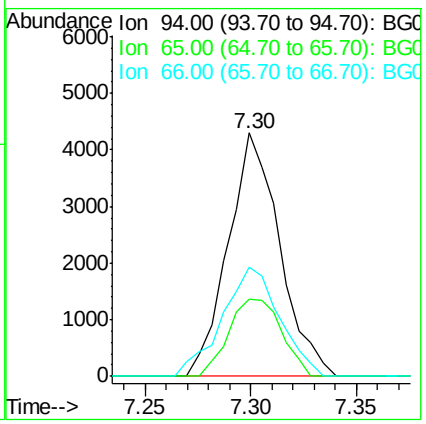


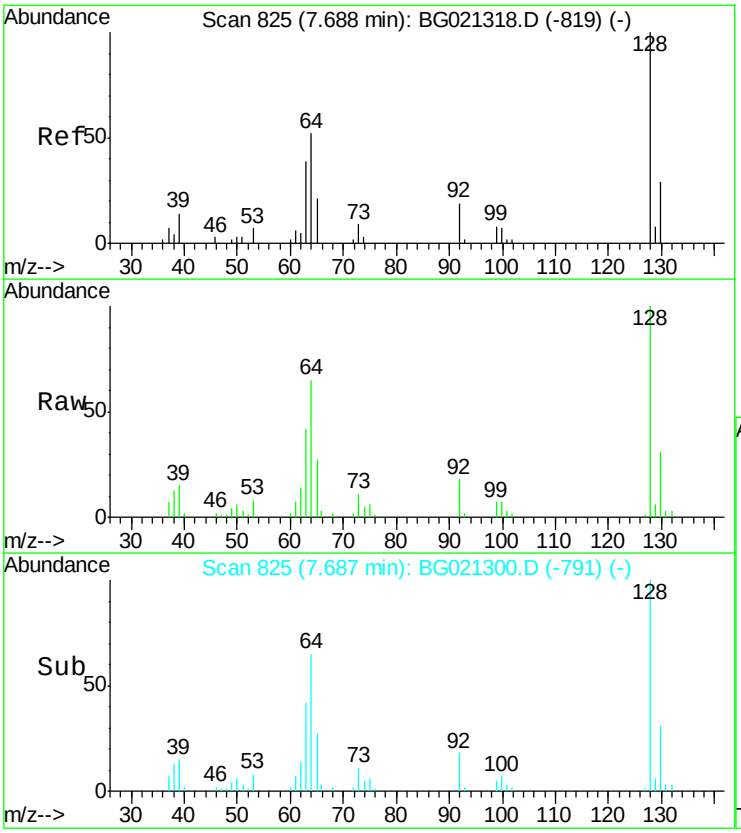
#6
Phenol
Concen: 5.59 ng/ul
RT: 7.30 min Scan# 759
Delta R.T. 0.00 min
Lab File: BG021300.D
Acq: 5 Mar 2016 11:21

Instrument :
BNA_G
ClientSampleId :
H0087MS

Tgt Ion: 94 Resp: 7264

Ion	Ratio	Lower	Upper
94	100		
65	31.5	28.6	42.8
66	45.1	35.5	53.3

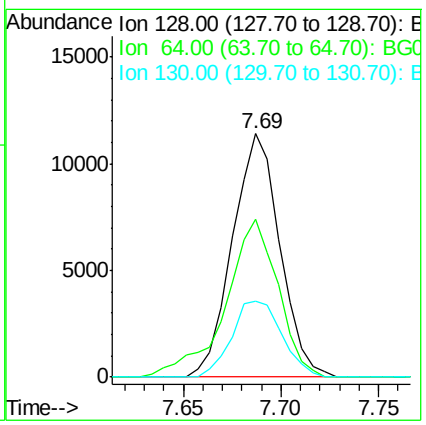


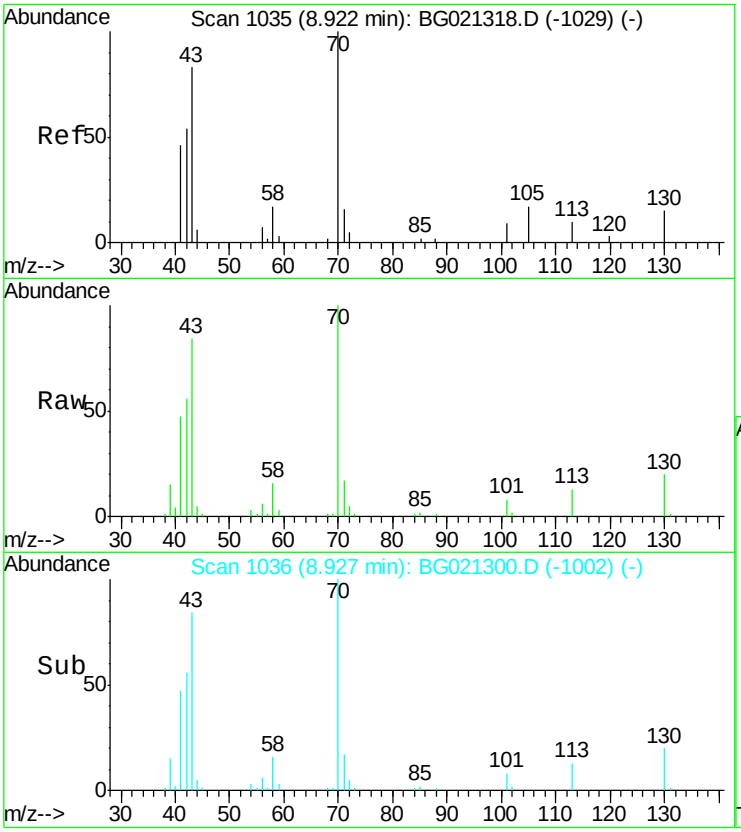


#10
2-Chlorophenol
Concen: 21.20 ng/ul
RT: 7.69 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG021300.D
Acq: 5 Mar 2016 11:21

Tgt Ion:128 Resp: 19194

Ion	Ratio	Lower	Upper
128	100		
64	64.9	45.4	68.2
130	31.0	25.6	38.4



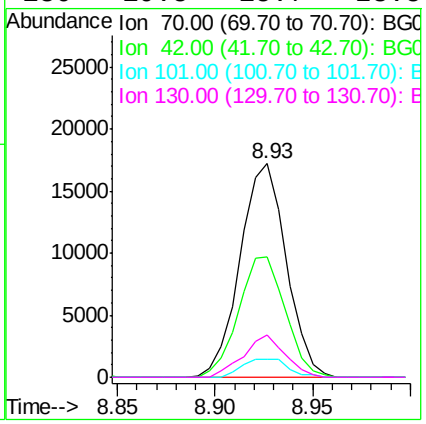


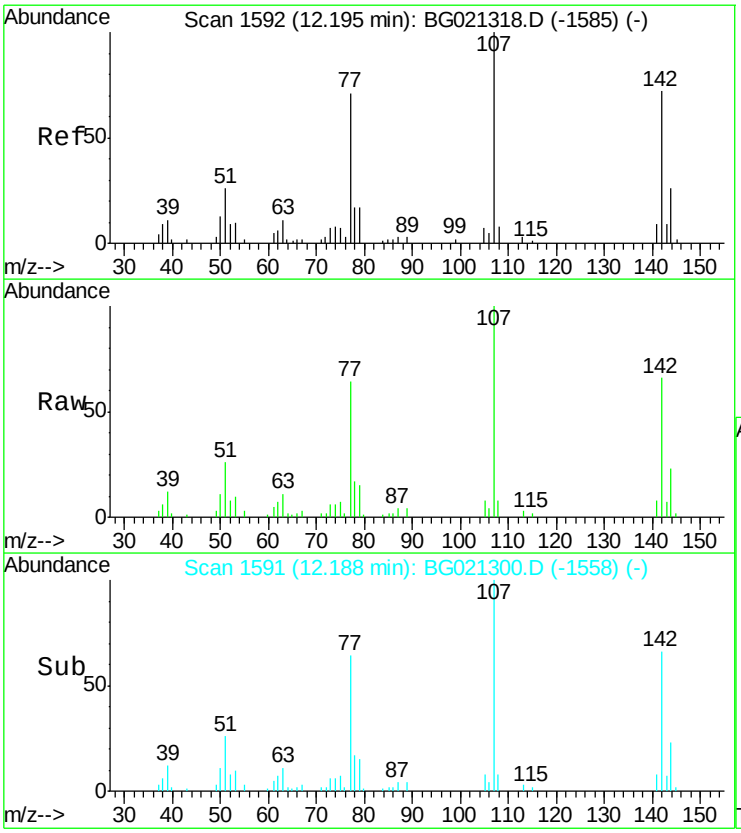
#15
N-Nitroso-di-n-propylamine
Concen: 28.22 ng/ul
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG021300.D
Acq: 5 Mar 2016 11:21

Instrument :
BNA_G
ClientSampleId :
H0087MS

Tgt Ion: 70 Resp: 28149

Ion	Ratio	Lower	Upper
70	100		
42	56.3	45.7	68.5
101	8.2	5.7	8.5
130	19.5	15.7	23.5

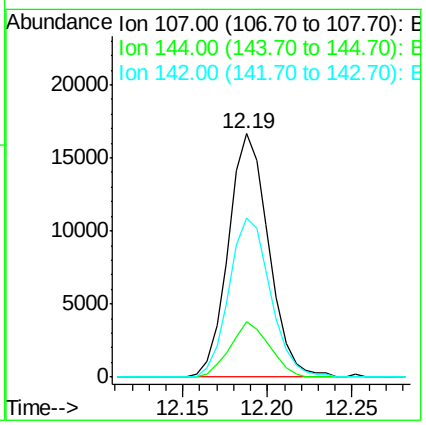


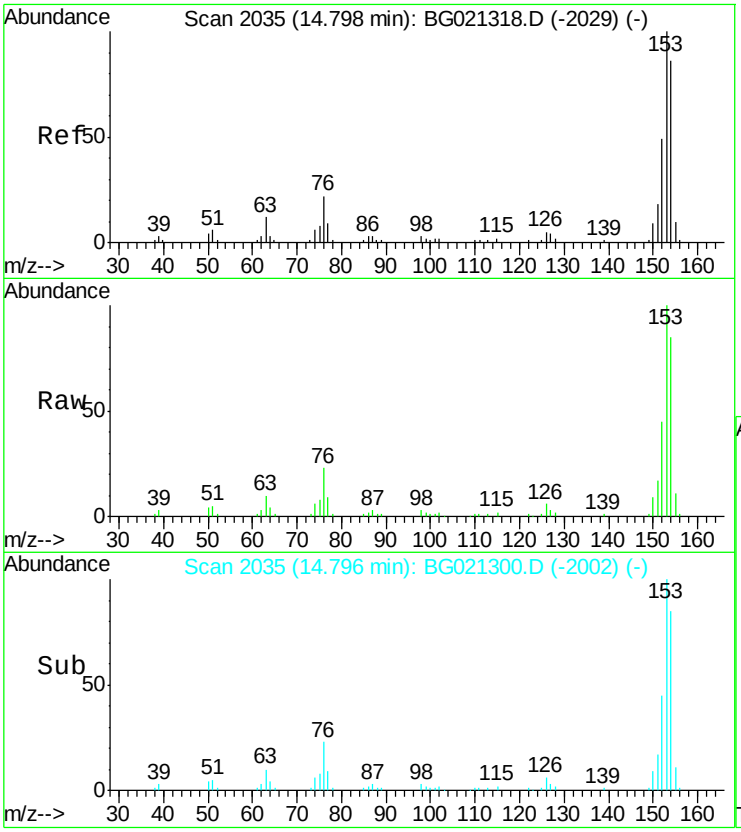


#33
4-Chloro-3-methylphenol
Concen: 24.84 ng/ul
RT: 12.19 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG021300.D
Acq: 5 Mar 2016 11:21

Tgt Ion:107 Resp: 27630

Ion	Ratio	Lower	Upper
107	100		
144	22.9	19.4	29.2
142	65.6	53.0	79.4



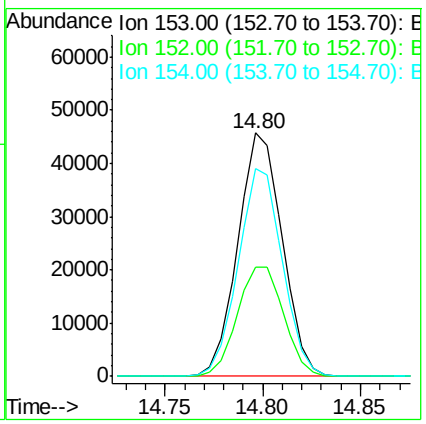


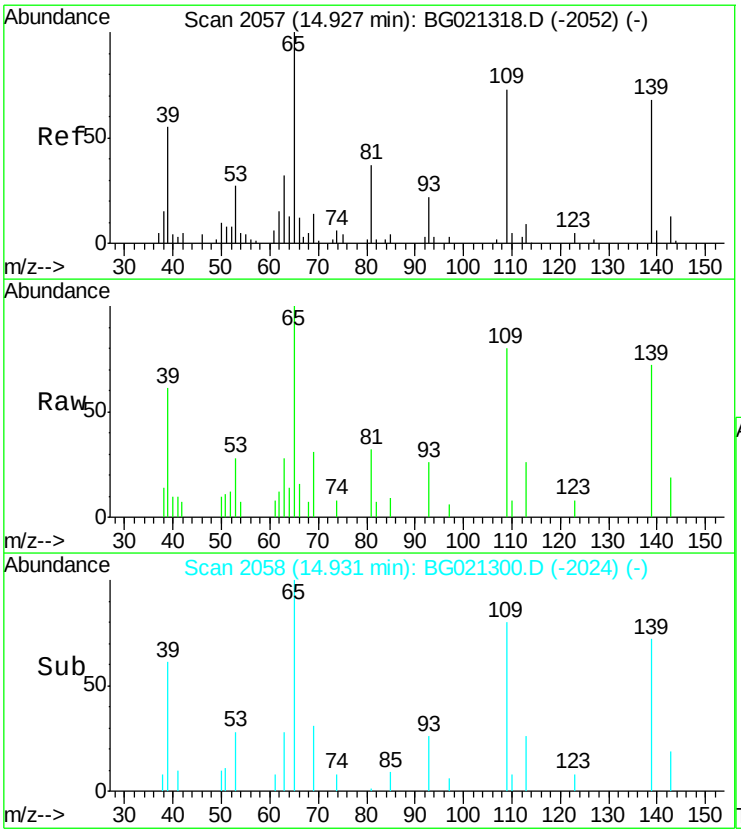
#50
Acenaphthene
Concen: 30.63 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG021300.D
Acq: 5 Mar 2016 11:21

Instrument :
BNA_G
ClientSampleId :
H0087MS

Tgt Ion:153 Resp: 71976

Ion	Ratio	Lower	Upper
153	100		
152	45.0	39.0	58.6
154	85.4	66.8	100.2

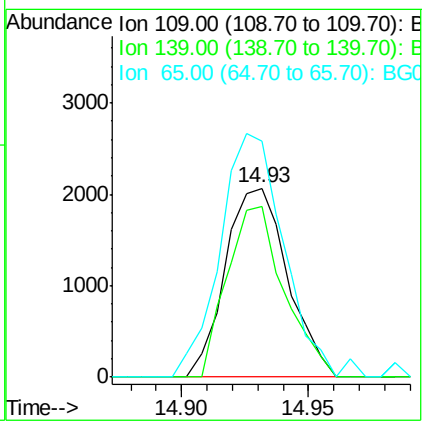


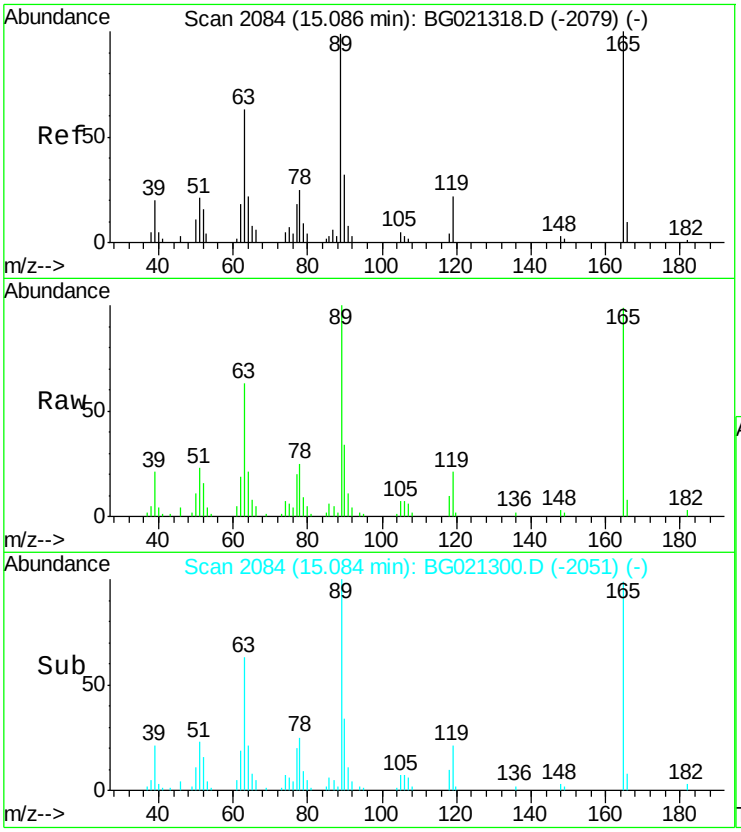


#53
4-Nitrophenol
Concen: 5.63 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG021300.D
Acq: 5 Mar 2016 11:21

Tgt Ion:109 Resp: 3525

Ion	Ratio	Lower	Upper
109	100		
139	90.2	78.2	117.4
65	124.6	105.3	157.9



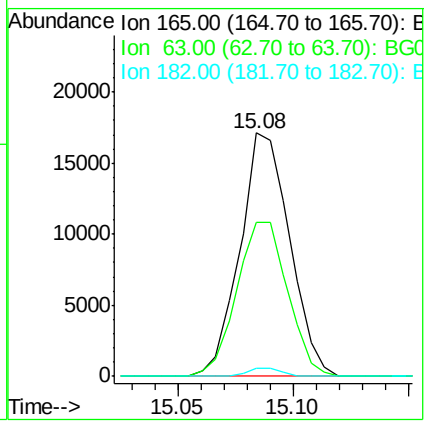


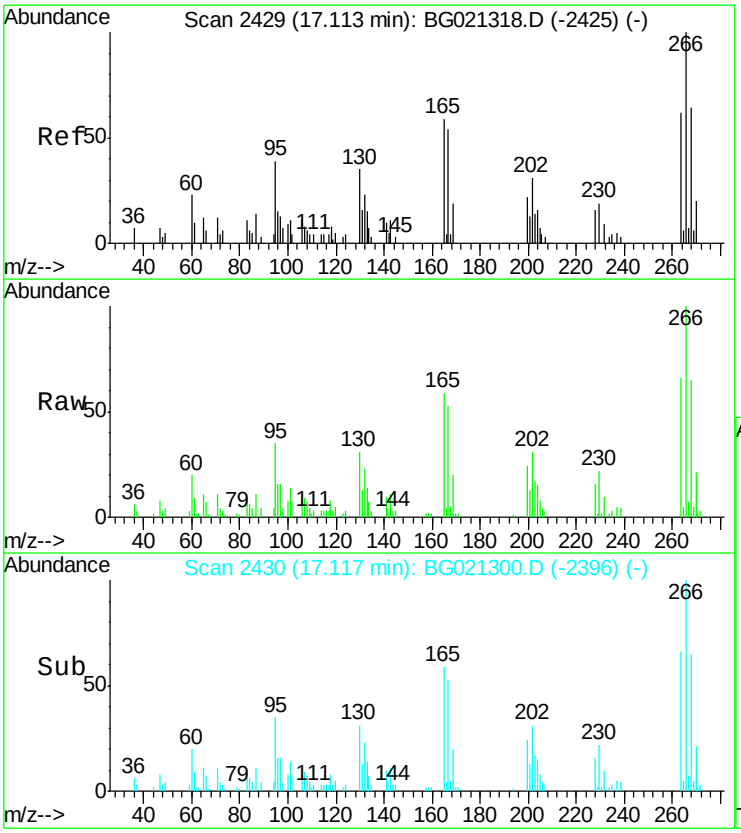
#55
2,4-Dinitrotoluene
Concen: 29.67 ng/ul
RT: 15.08 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG021300.D
Acq: 5 Mar 2016 11:21

Instrument :
BNA_G
ClientSampleId :
H0087MS

Tgt Ion:165 Resp: 25704

Ion	Ratio	Lower	Upper
165	100		
63	63.0	45.8	68.6
182	3.1	2.5	3.7

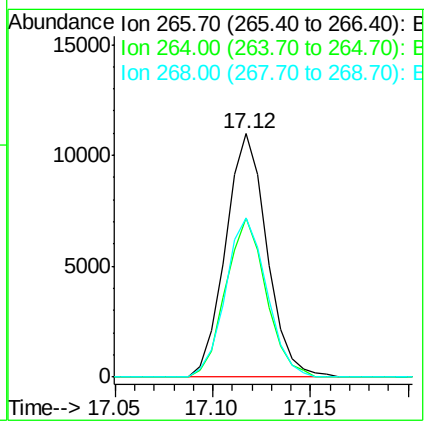


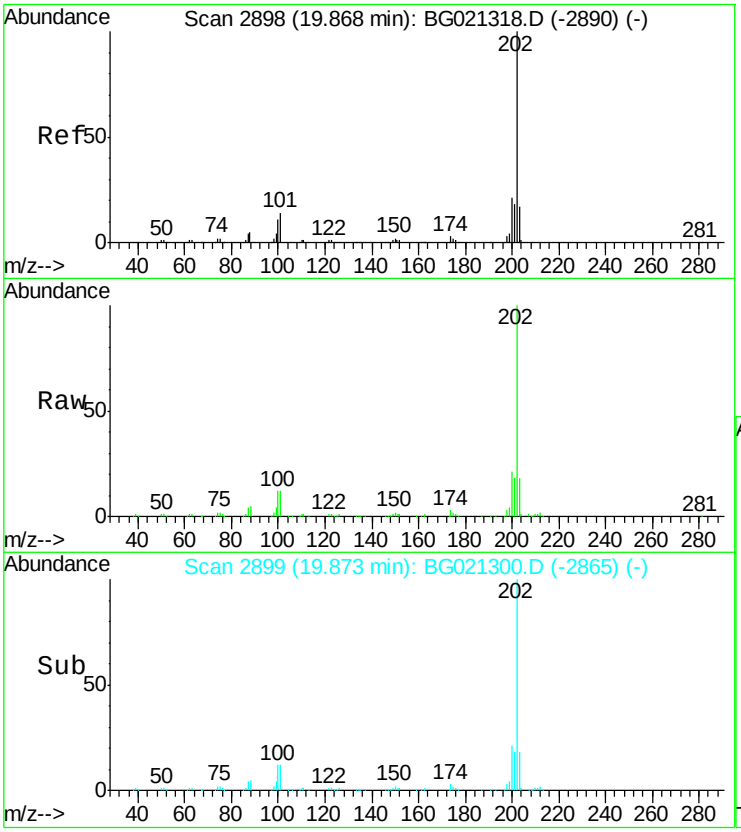


#69
Pentachlorophenol
Concen: 28.30 ng/ul
RT: 17.12 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG021300.D
Acq: 5 Mar 2016 11:21

Tgt Ion:266 Resp: 16087

Ion	Ratio	Lower	Upper
266	100		
264	70.7	45.3	67.9#
268	70.0	58.0	87.0





#80
Pyrene
Concen: 31.82 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG021300.D
Acq: 5 Mar 2016 11:21

Instrument :
BNA_G
ClientSampleId :
H0087MS

Tgt Ion:202 Resp: 171266

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.0	16.4
100	11.9	8.1	12.1