Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021335.D
Acq On : 7 Mar 2016 12:06
Operator : UM/SJ
Sample : H1625-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFF0MS

Quant Time: Mar 07 23:58:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 23:58:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	10494	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	49155	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	28684	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	66403	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	74104	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	68854	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1183	4.58	ng/uL	0.00
5) Phenol-d5	7.27	99	30973	27.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	22841	30.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	22644	29.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	24817	28.28	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	12164	30.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	12951	30.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	22138	29.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	33170	34.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	78742	32.76	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	98776	33.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	14798	31.58	ng/ul	0.00
58) Fluorene-d10	15.72	176	71406	33.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	13063	27.41	ng/ul	0.00
71) Anthracene-d10	17.57	188	115122	34.86	ng/ul	0.00
79) Pyrene-d10	19.84	212	134111	35.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	128016	34.44	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.30	94	31624	26.38	ng/ul#	90
10) 2-Chlorophenol	7.69	128	22021	26.38	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.92	70	27501	29.90	ng/ul#	96
33) 4-Chloro-3-methylphenol	12.19	107	31485	29.73	ng/ul	98
45) Dimethylphthalate	14.18	163	30822	11.92	ng/ul#	98
50) Acenaphthene	14.79	153	65323	30.72	ng/ul	95
53) 4-Nitrophenol	14.93	109	17589	31.04	ng/ul	93
55) 2,4-Dinitrotoluene	15.09	165	24719	31.54	ng/ul#	92
69) Pentachlorophenol	17.12	266	14788	29.58	ng/ul#	87
80) Pyrene	19.87	202	162422	32.71	ng/ul	98

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

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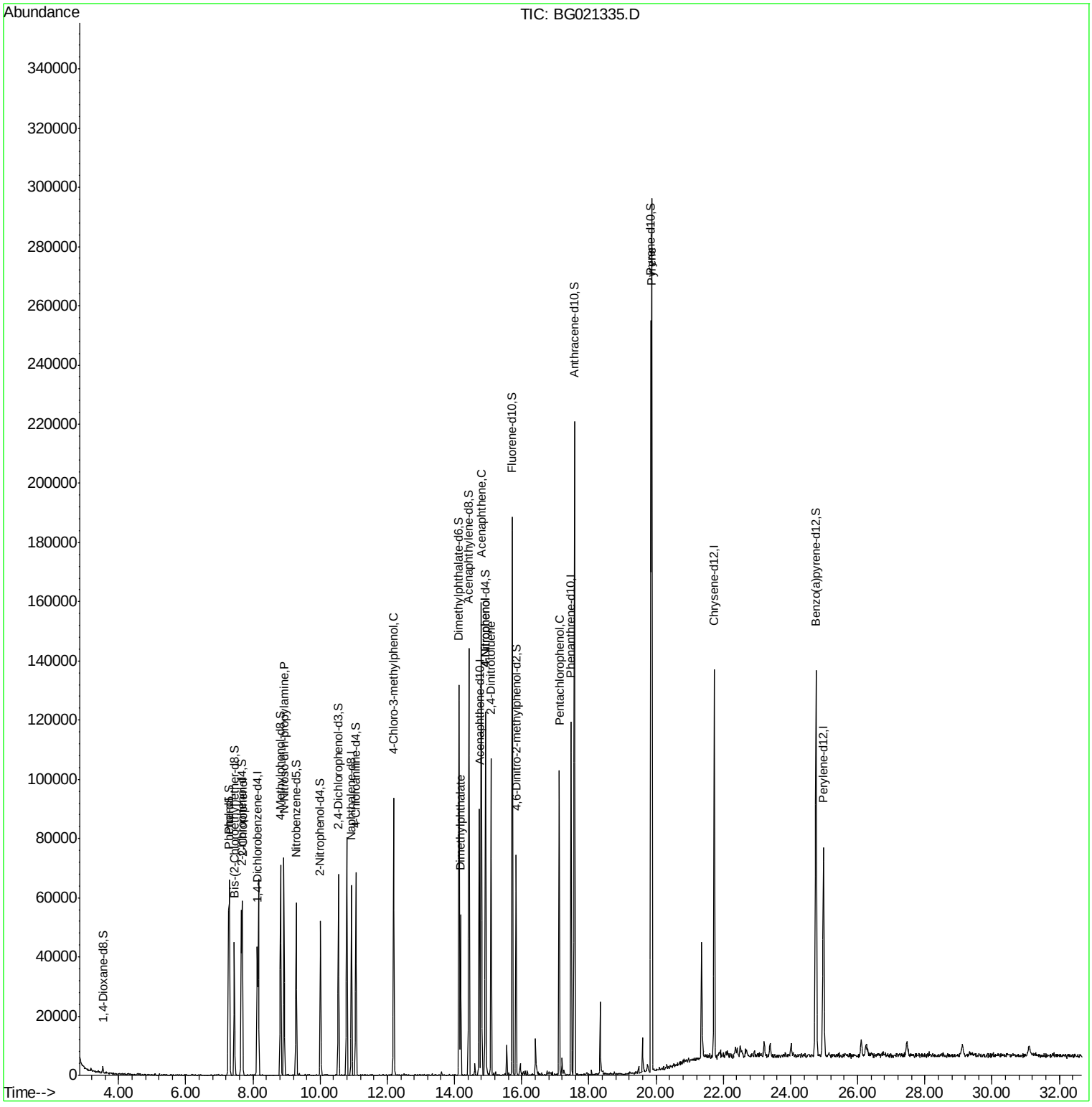
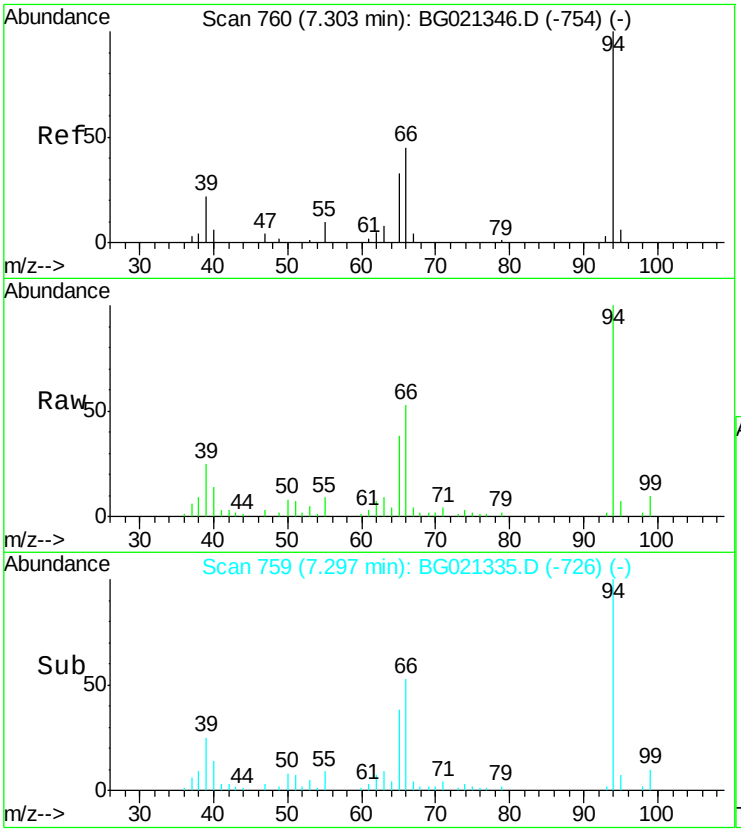


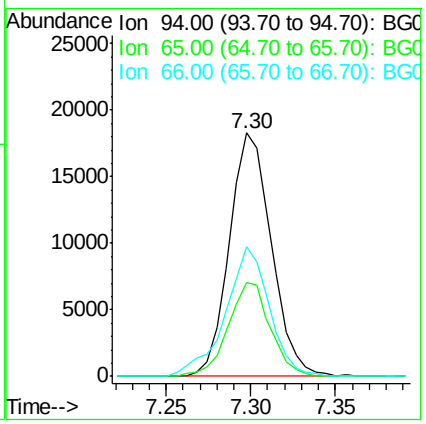


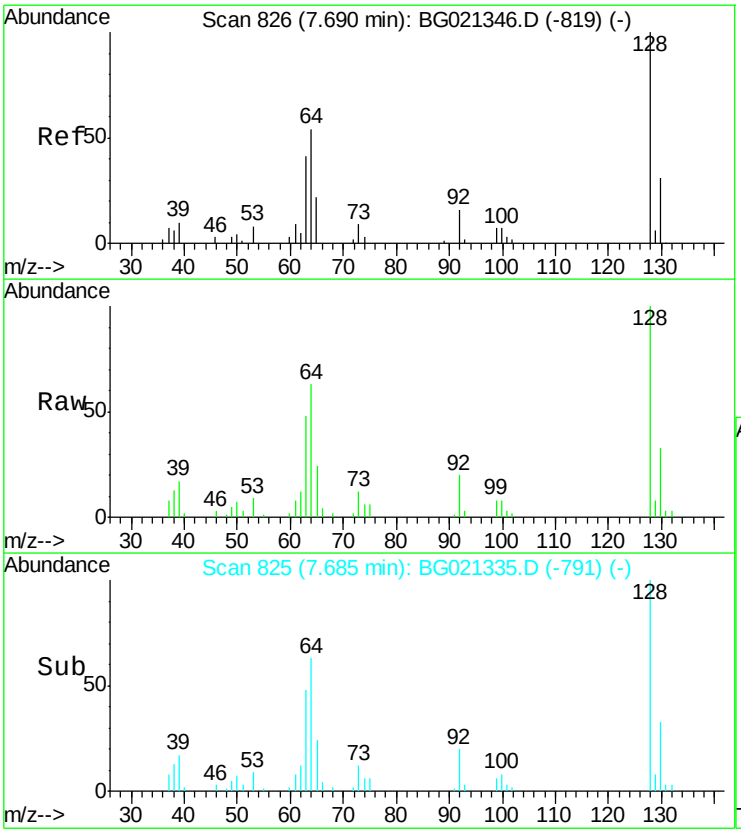
#6
Phenol
Concen: 26.38 ng/ul
RT: 7.30 min Scan# 759
Delta R.T. -0.01 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Instrument :
BNA_G
ClientSampleId :
JHFF0MS

Tgt Ion: 94 Resp: 31624

Ion	Ratio	Lower	Upper
94	100		
65	38.5	28.6	42.8
66	53.4	35.5	53.3#

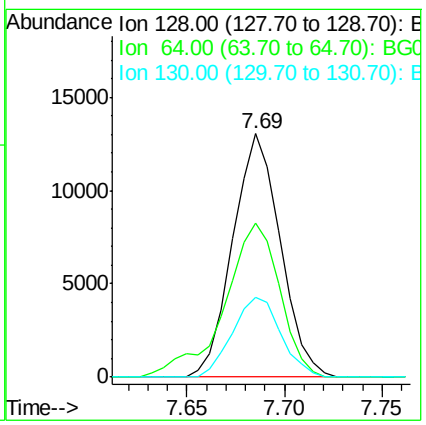


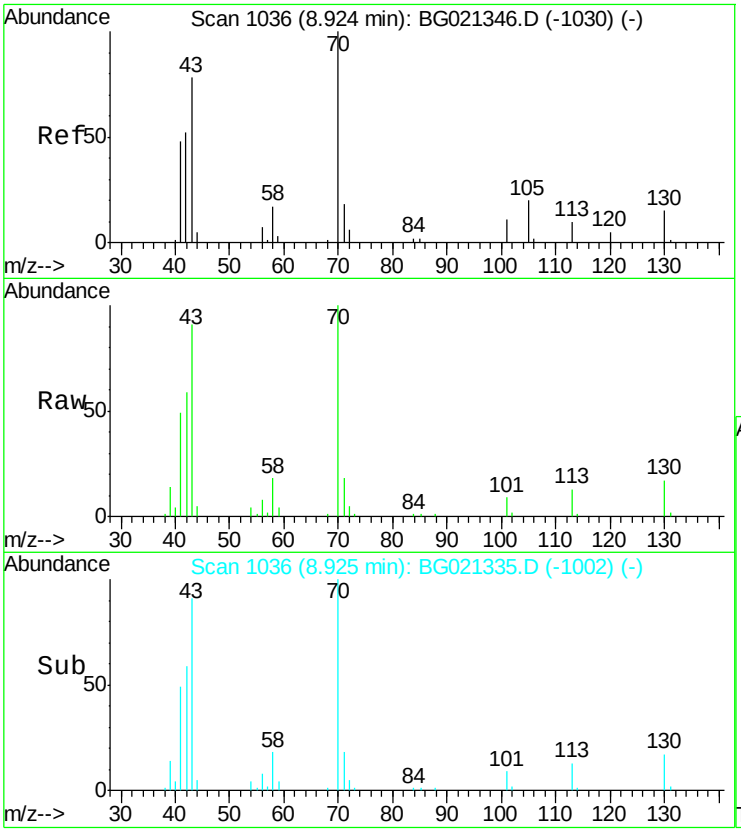


#10
2-Chlorophenol
Concen: 26.38 ng/ul
RT: 7.69 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Tgt Ion:128 Resp: 22021

Ion	Ratio	Lower	Upper
128	100		
64	63.0	45.4	68.2
130	32.5	25.6	38.4



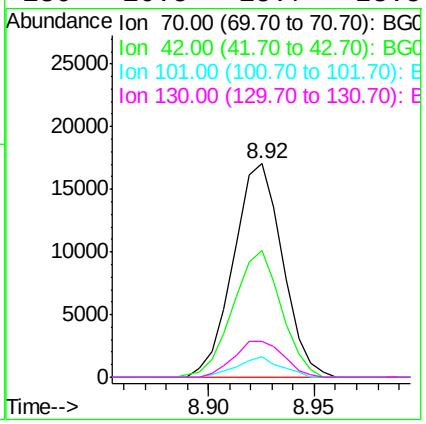


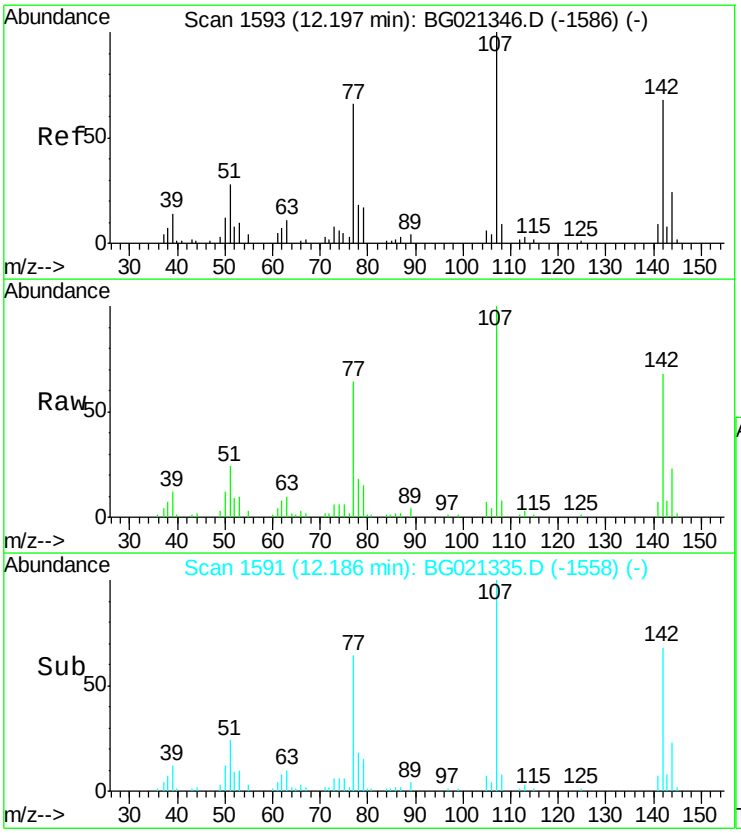
#15
N-Nitroso-di-n-propylamine
Concen: 29.90 ng/ul
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Instrument :
BNA_G
ClientSampleId :
JHFF0MS

Tgt Ion: 70 Resp: 27501

Ion	Ratio	Lower	Upper
70	100		
42	59.2	45.7	68.5
101	9.3	5.7	8.5#
130	16.5	15.7	23.5

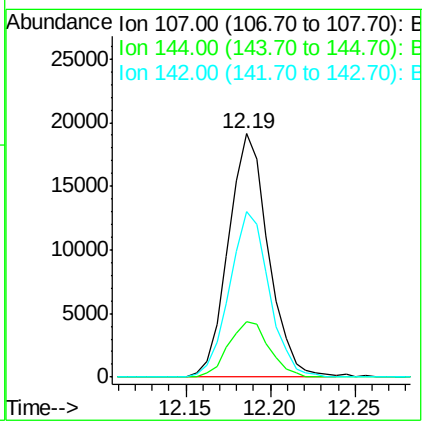


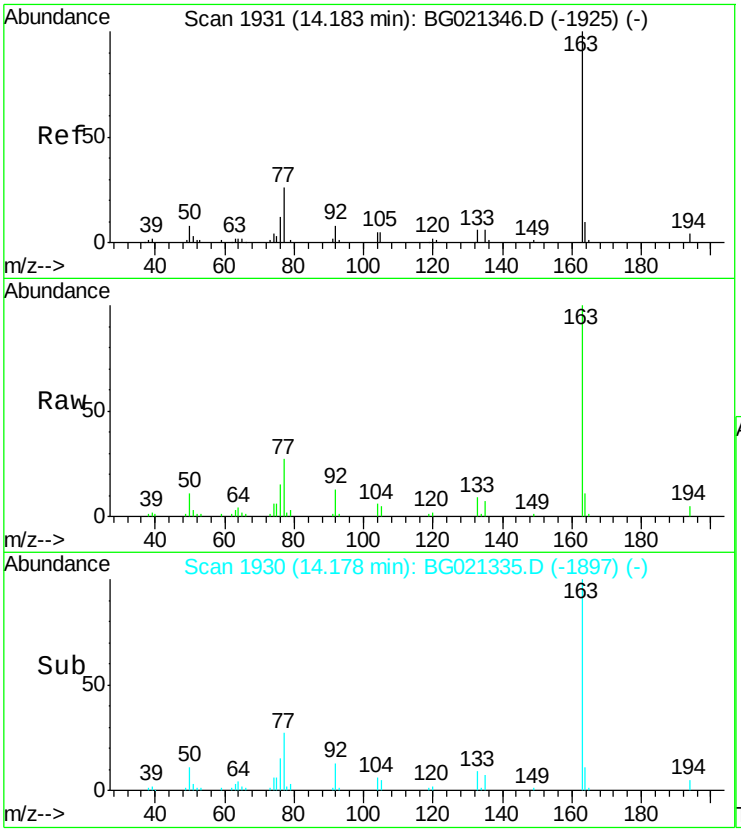


#33
4-Chloro-3-methylphenol
Concen: 29.73 ng/ul
RT: 12.19 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Tgt Ion:107 Resp: 31485

Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.4	29.2
142	67.8	53.0	79.4



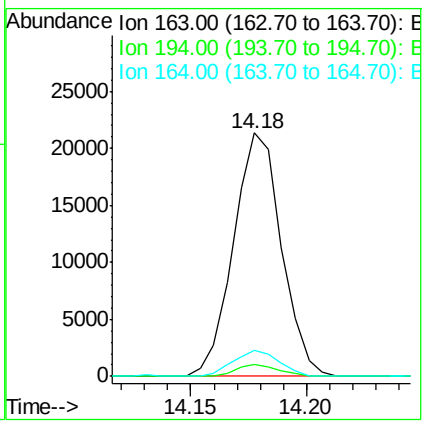


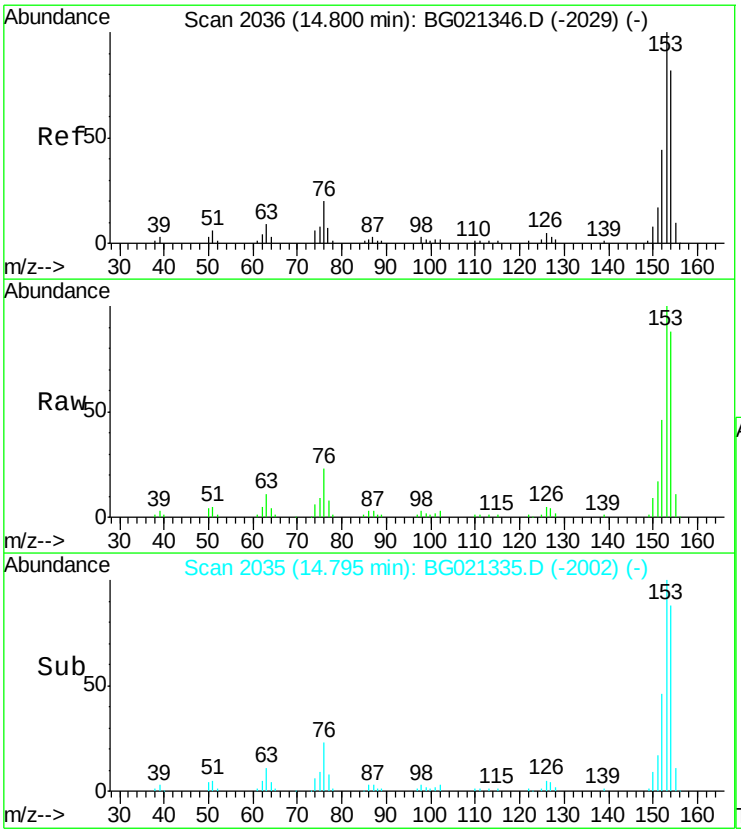
#45
Dimethylphthalate
Concen: 11.92 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Instrument :
BNA_G
ClientSampleId :
JHFF0MS

Tgt Ion:163 Resp: 30822

Ion	Ratio	Lower	Upper
163	100		
194	5.1	2.8	4.2#
164	10.5	8.2	12.2

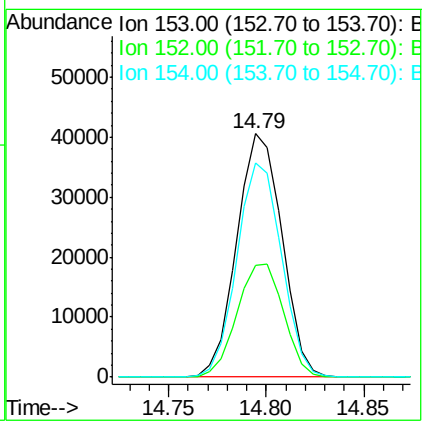


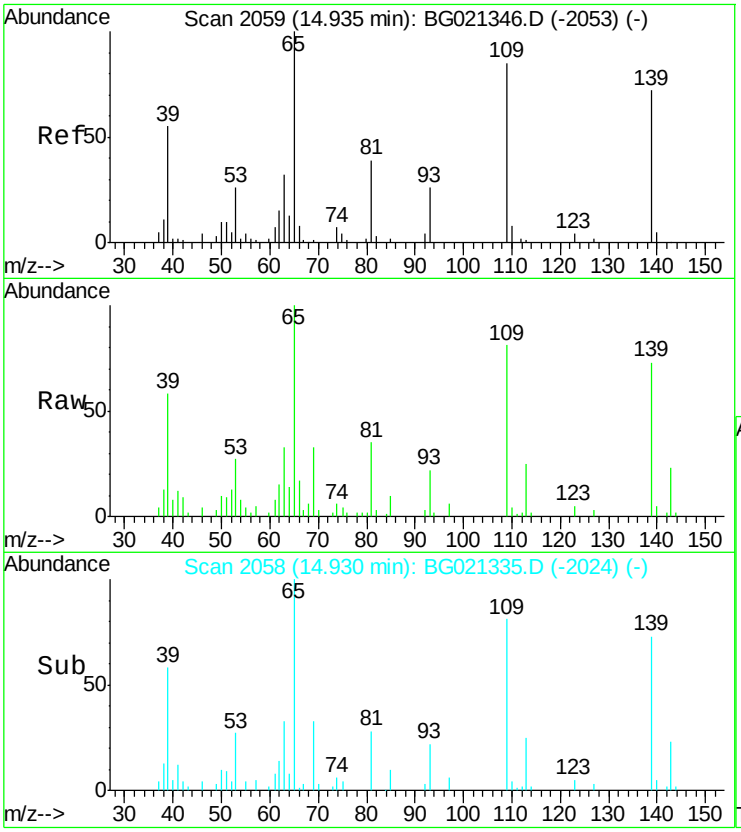


#50
Acenaphthene
Concen: 30.72 ng/ul
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Tgt Ion:153 Resp: 65323

Ion	Ratio	Lower	Upper
153	100		
152	45.7	39.0	58.6
154	87.8	66.8	100.2



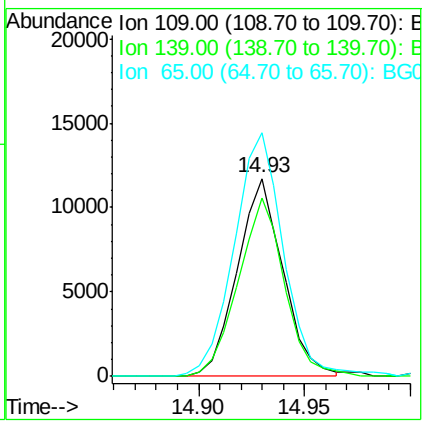


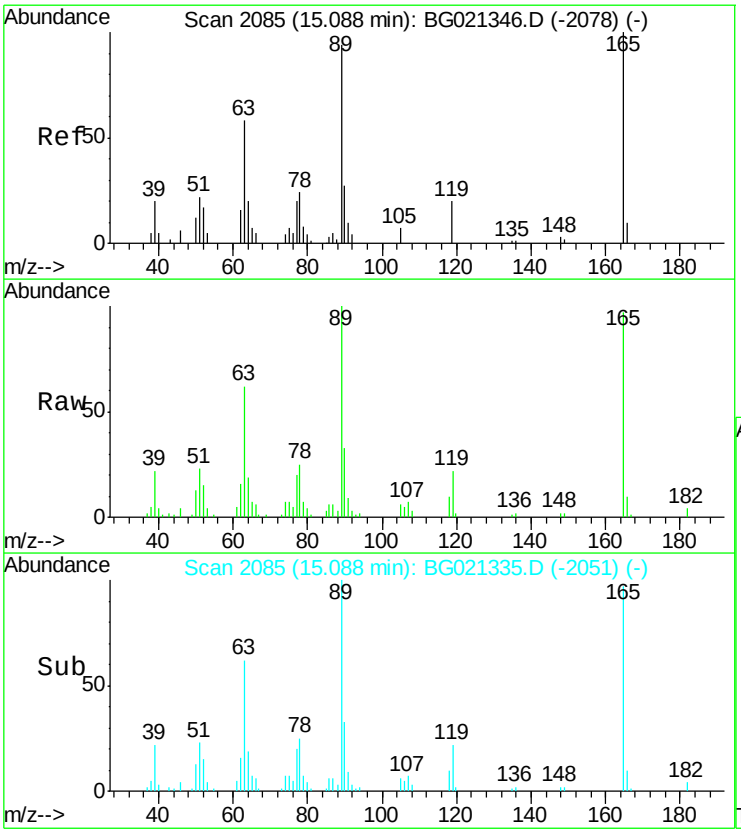
#53
4-Nitrophenol
Concen: 31.04 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Instrument :
BNA_G
ClientSampleId :
JHFF0MS

Tgt Ion:109 Resp: 17589

Ion	Ratio	Lower	Upper
109	100		
139	90.4	78.2	117.4
65	123.2	105.3	157.9

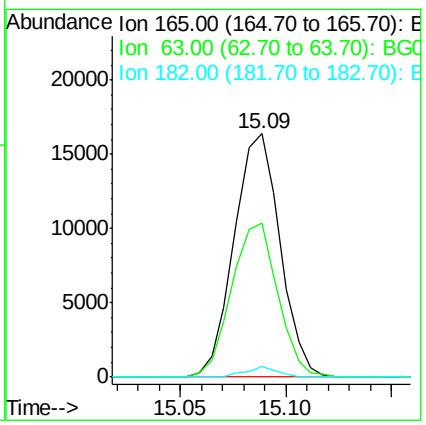


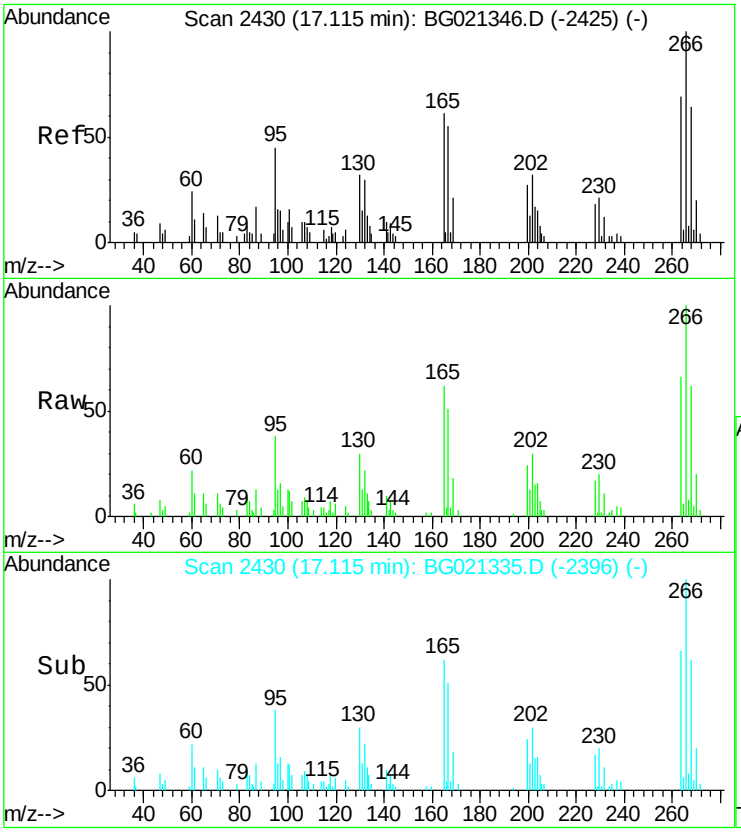


#55
2,4-Dinitrotoluene
Concen: 31.54 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Tgt Ion:165 Resp: 24719

Ion	Ratio	Lower	Upper
165	100		
63	63.5	45.8	68.6
182	4.4	2.5	3.7#



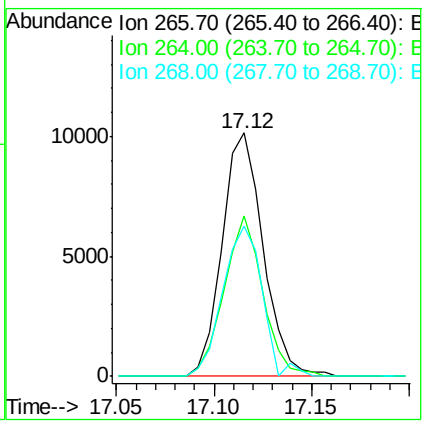


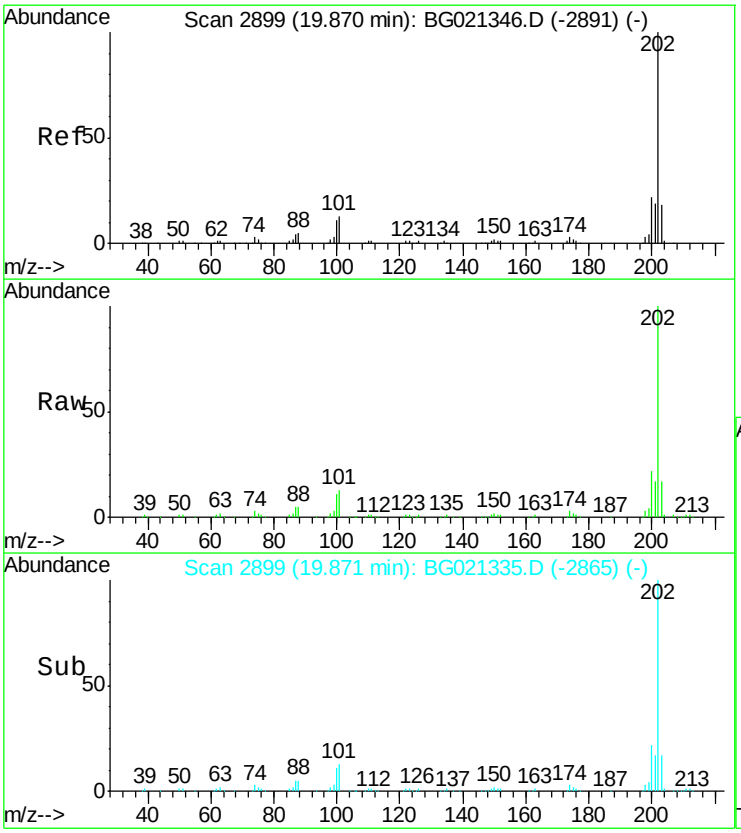
#69
Pentachlorophenol
Concen: 29.58 ng/ul
RT: 17.12 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Instrument :
BNA_G
ClientSampleId :
JHFF0MS

Tgt Ion:266 Resp: 14788

Ion	Ratio	Lower	Upper
266	100		
264	71.5	45.3	67.9#
268	67.1	58.0	87.0





#80
Pyrene
Concen: 32.71 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG021335.D
Acq: 7 Mar 2016 12:06

Tgt Ion:202 Resp: 162422

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.0	16.4
100	11.5	8.1	12.1