Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021301.D
Acq On : 5 Mar 2016 12:00
Operator : UM/SJ
Sample : H1665-05MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0087MSD

Quant Time: Mar 07 03:14:38 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	9263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	45079	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	27462	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	63836	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	69386	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	64191	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	212	0.93	ng/uL	0.00
5) Phenol-d5	7.27	99	5366	5.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	19957	30.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	16897	24.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	10937	14.12	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	11589	31.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	12315	31.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	19461	27.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	956	1.08	ng/ul	0.01
44) Dimethylphthalate-d6	14.14	166	73491	31.93	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	94616	33.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	2006	4.47	ng/ul	0.00
58) Fluorene-d10	15.72	176	65413	32.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	12430	27.13	ng/ul	0.00
71) Anthracene-d10	17.57	188	104103	32.79	ng/ul	0.00
79) Pyrene-d10	19.84	212	115121	32.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	111398	32.15	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.30	94	5976	5.65	ng/ul	95
10) 2-Chlorophenol	7.69	128	16906	22.95	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.93	70	26169	32.23	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.19	107	23881	24.59	ng/ul#	96
50) Acenaphthene	14.80	153	63711	31.30	ng/ul	95
53) 4-Nitrophenol	14.93	109	2722	5.02	ng/ul	91
55) 2,4-Dinitrotoluene	15.09	165	22790	30.37	ng/ul	97
69) Pentachlorophenol	17.12	266	13377	27.83	ng/ul	93
80) Pyrene	19.88	202	146951	31.60	ng/ul	98

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

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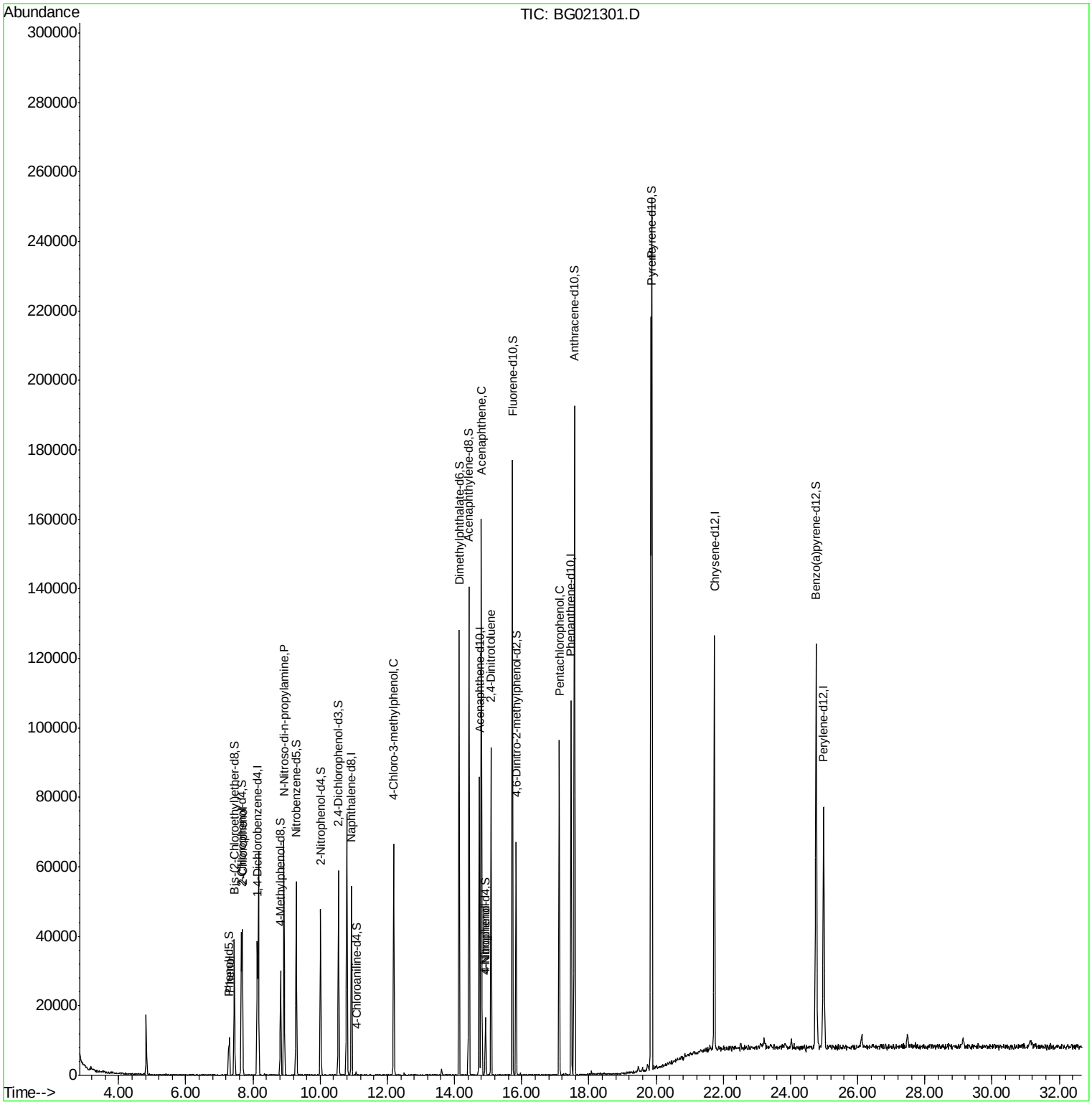
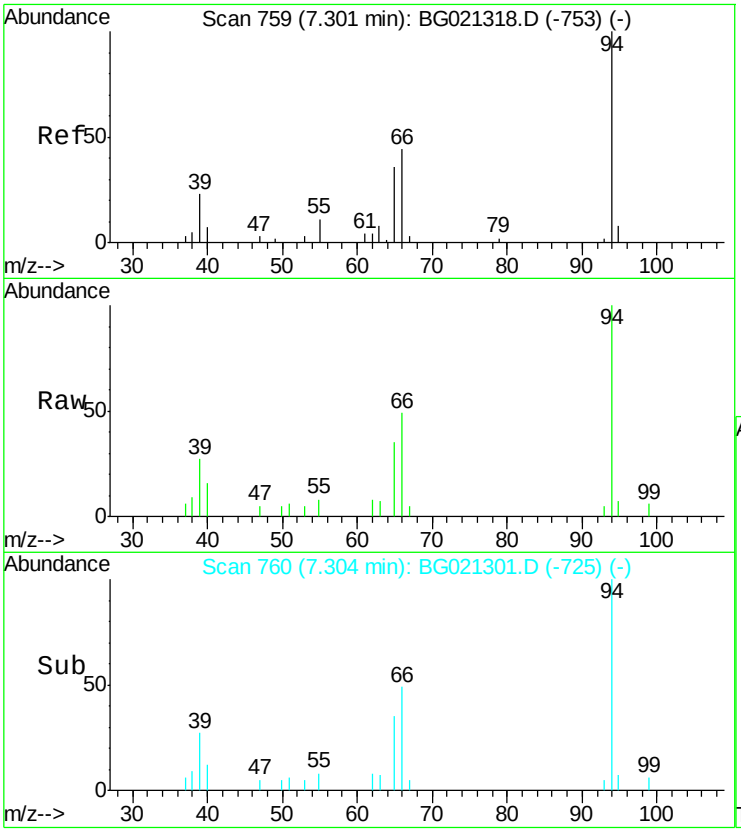


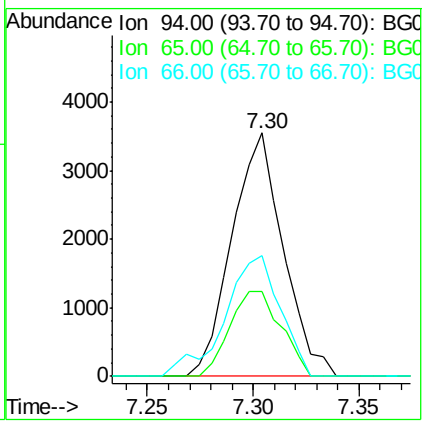


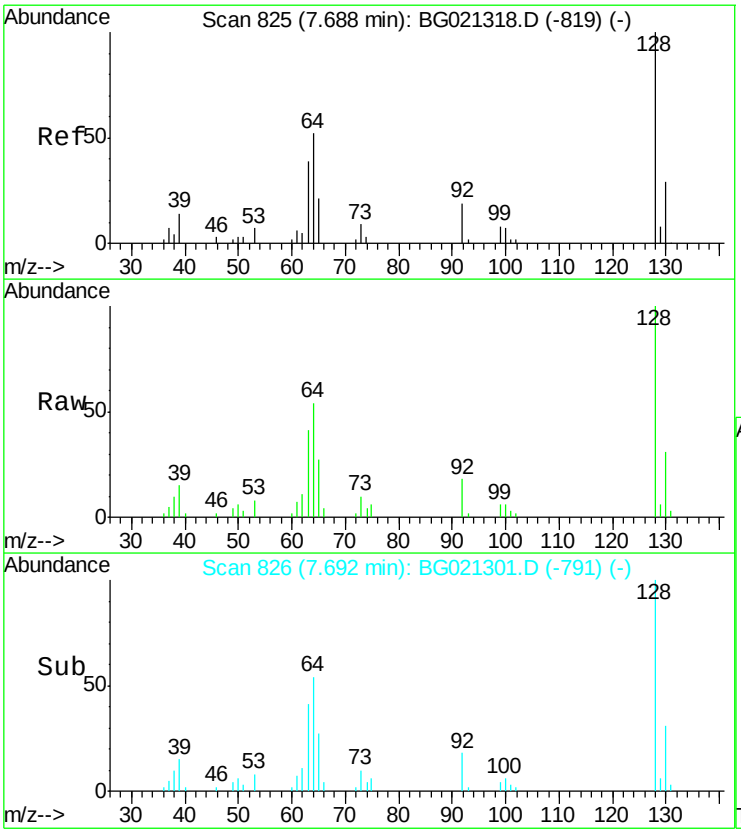
#6
Phenol
Concen: 5.65 ng/ul
RT: 7.30 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

Instrument :
BNA_G
ClientSampleId :
H0087MSD

Tgt Ion: 94 Resp: 5976

Ion	Ratio	Lower	Upper
94	100		
65	34.8	28.6	42.8
66	49.4	35.5	53.3

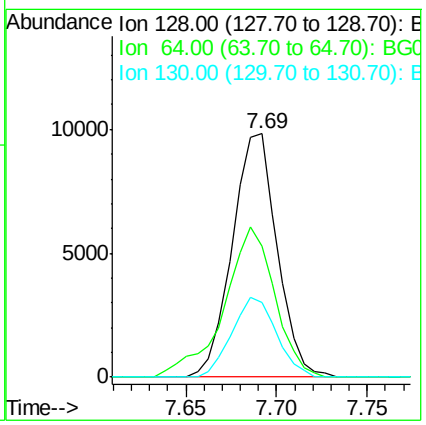


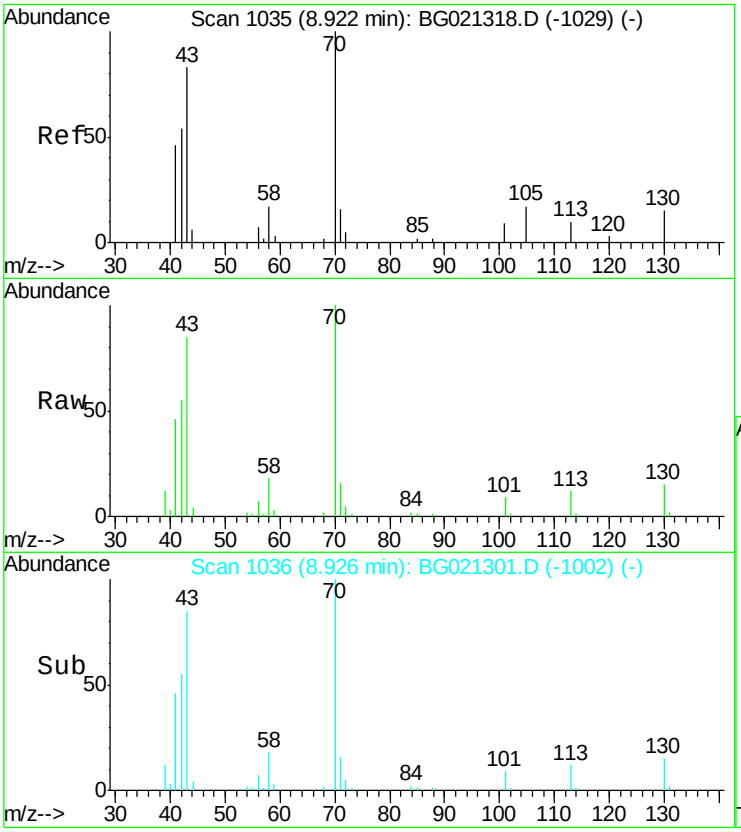


#10
2-Chlorophenol
Concen: 22.95 ng/ul
RT: 7.69 min Scan# 826
Delta R.T. 0.00 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

Tgt Ion:128 Resp: 16906

Ion	Ratio	Lower	Upper
128	100		
64	53.8	45.4	68.2
130	30.6	25.6	38.4



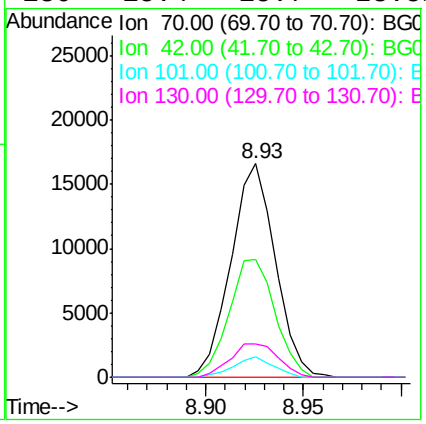


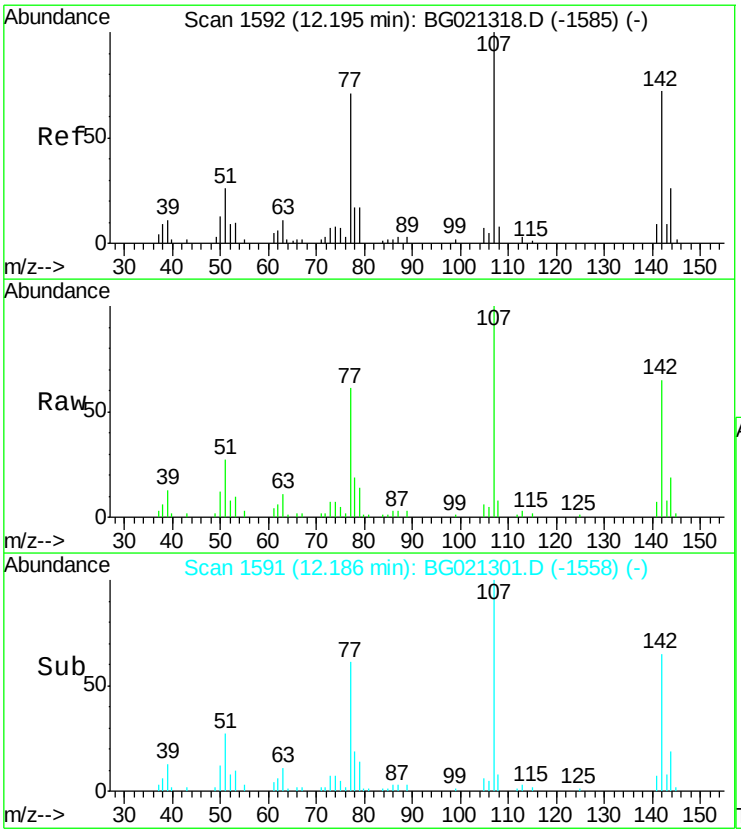
#15
N-Nitroso-di-n-propylamine
Concen: 32.23 ng/ul
RT: 8.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

Instrument :
BNA_G
ClientSampleId :
H0087MSD

Tgt Ion: 70 Resp: 26169

Ion	Ratio	Lower	Upper
70	100		
42	54.9	45.7	68.5
101	9.4	5.7	8.5#
130	15.4	15.7	23.5#

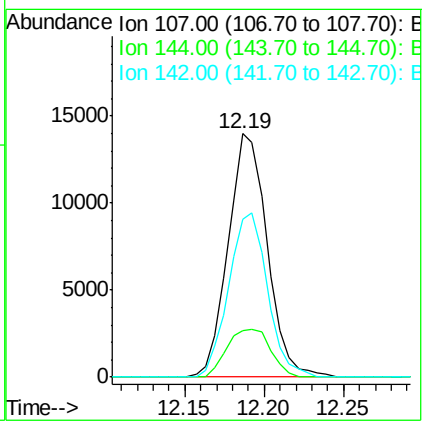


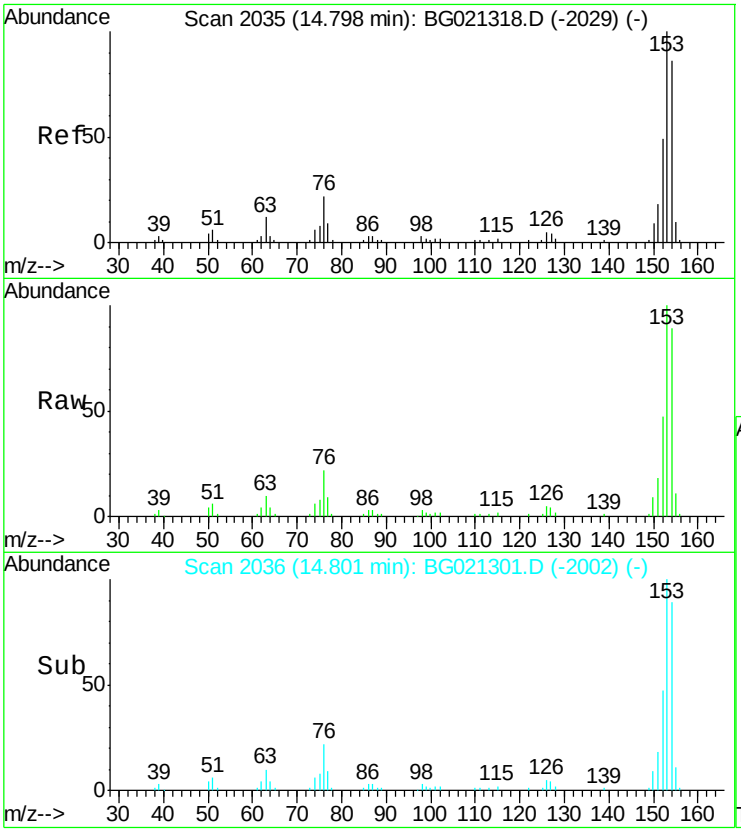


#33
4-Chloro-3-methylphenol
Concen: 24.59 ng/ul
RT: 12.19 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

Tgt Ion:107 Resp: 23881

Ion	Ratio	Lower	Upper
107	100		
144	18.9	19.4	29.2#
142	65.0	53.0	79.4



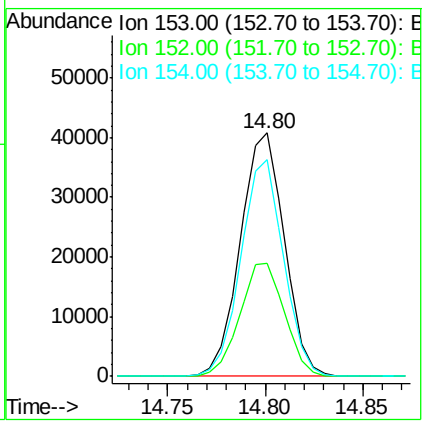


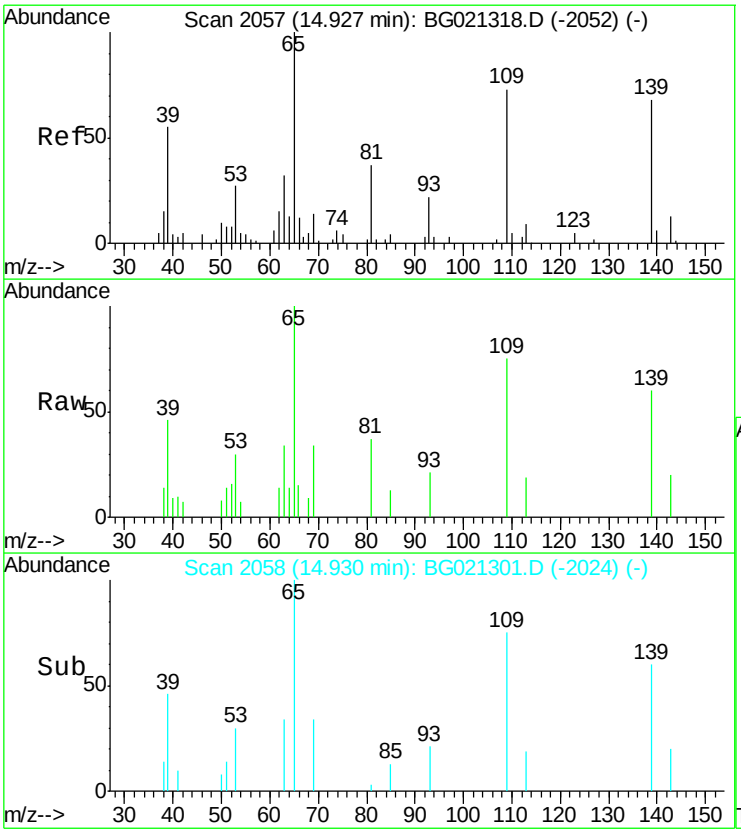
#50
Acenaphthene
Concen: 31.30 ng/ul
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

Instrument :
BNA_G
ClientSampleId :
H0087MSD

Tgt Ion:153 Resp: 63711

Ion	Ratio	Lower	Upper
153	100		
152	46.6	39.0	58.6
154	89.2	66.8	100.2

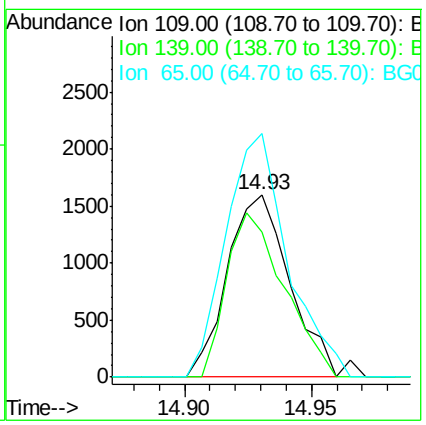


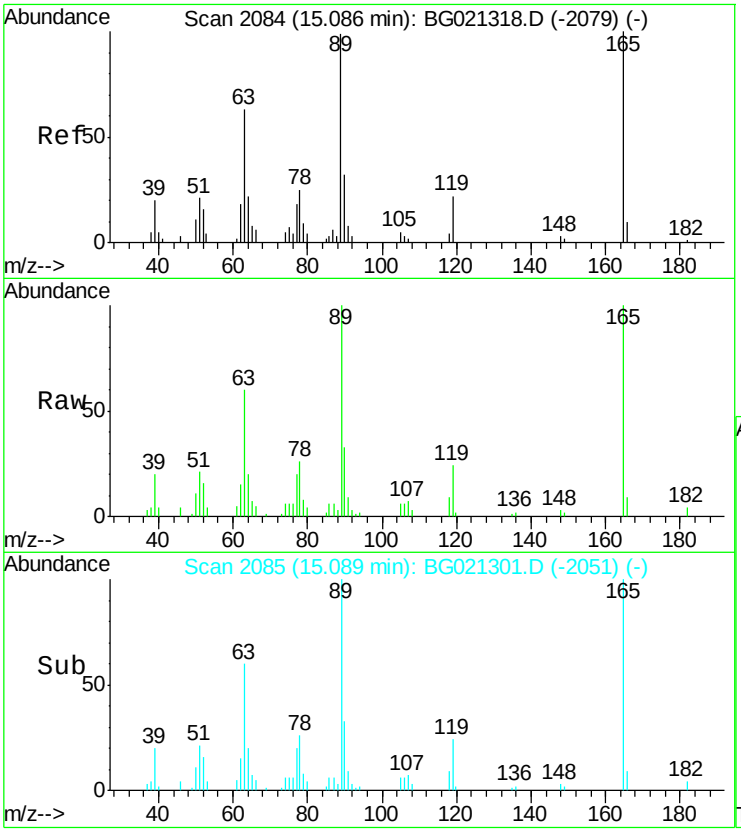


#53
4-Nitrophenol
Concen: 5.02 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

Tgt Ion:109 Resp: 2722

Ion	Ratio	Lower	Upper
109	100		
139	79.8	78.2	117.4
65	133.6	105.3	157.9



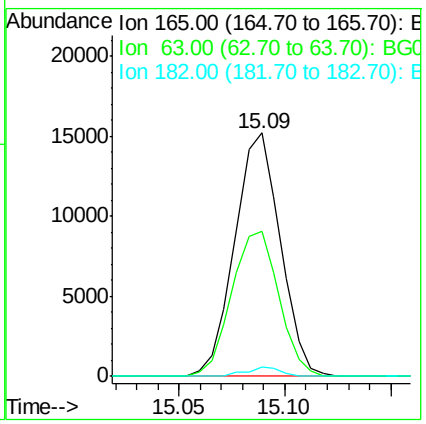


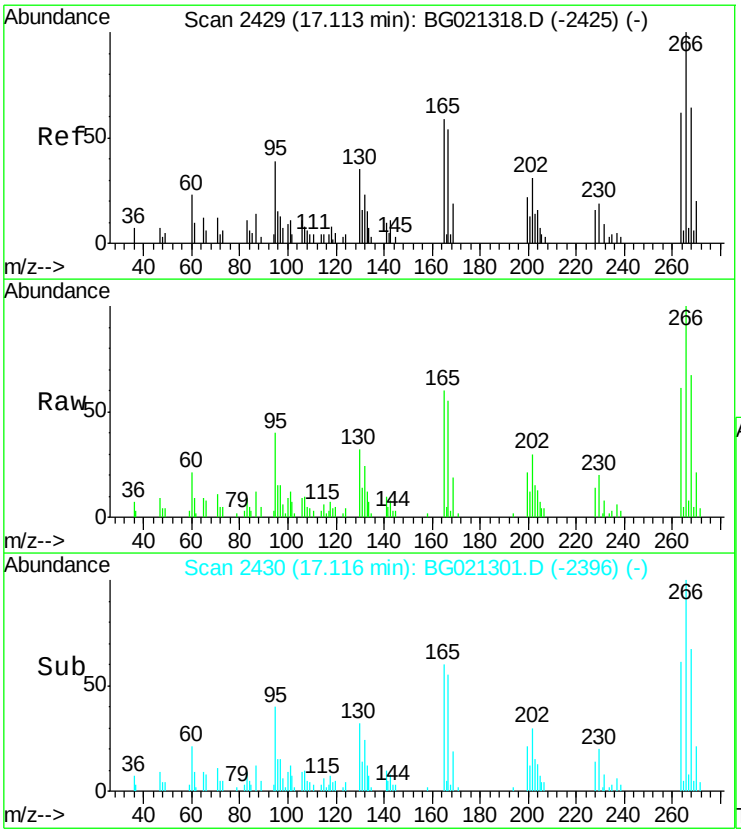
#55
2,4-Dinitrotoluene
Concen: 30.37 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

Instrument :
BNA_G
ClientSampleId :
H0087MSD

Tgt Ion:165 Resp: 22790

Ion	Ratio	Lower	Upper
165	100		
63	59.8	45.8	68.6
182	3.7	2.5	3.7

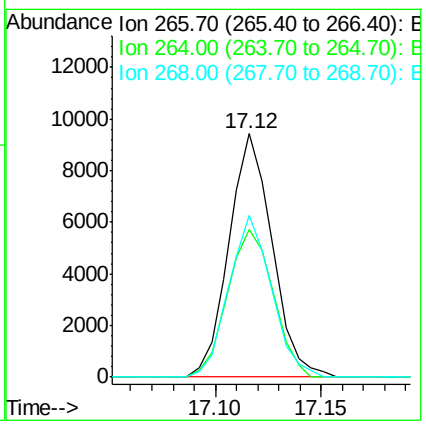


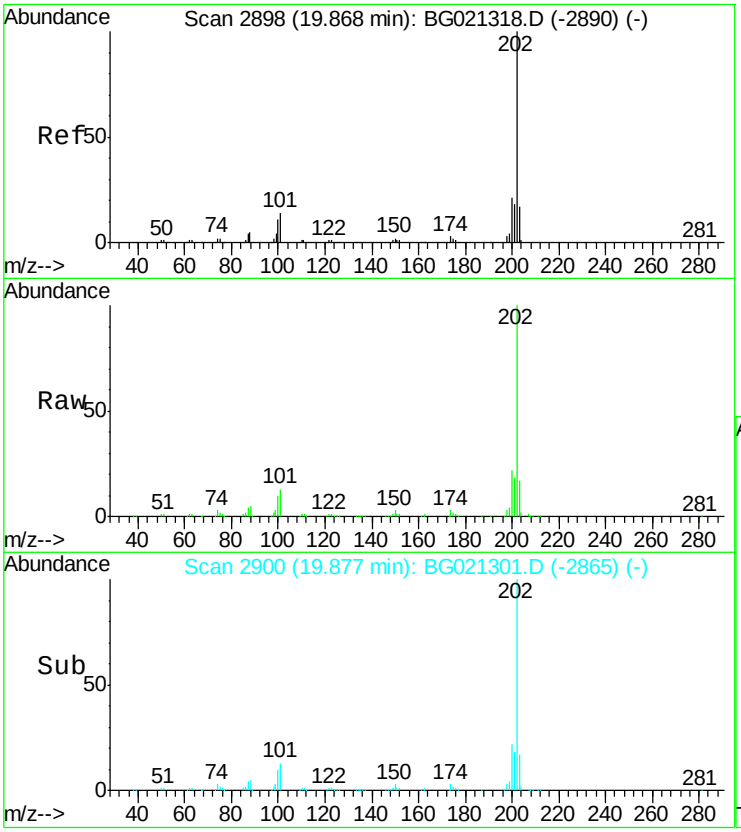


#69
Pentachlorophenol
Concen: 27.83 ng/ul
RT: 17.12 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

Tgt Ion:266 Resp: 13377

Ion	Ratio	Lower	Upper
266	100		
264	66.2	45.3	67.9
268	71.3	58.0	87.0





#80
Pyrene
Concen: 31.60 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG021301.D
Acq: 5 Mar 2016 12:00

Instrument :
BNA_G
ClientSampleId :
H0087MSD

Tgt Ion:202 Resp: 146951

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.0	16.4
100	10.4	8.1	12.1