Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021616\
Data File : BG020914.D
Acq On : 16 Feb 2016 18:50
Operator : SJ/UM
Sample : H1454-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 17 00:05:26 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 17 00:00:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	16100	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	85754	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	54758	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	124415	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	113236	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	105820	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	358	1.08	ng/uL	0.00
5) Phenol-d5	7.41	99	11079	6.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	29790	34.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	35952	28.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	23633	16.67	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	25930	37.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	27622	40.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	42742	32.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	4364	2.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	179851	38.17	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	217547	37.80	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	6635	7.03	ng/ul	0.00
58) Fluorene-d10	15.86	176	152004	37.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	20556	34.09	ng/ul	0.00
71) Anthracene-d10	17.71	188	232273	37.78	ng/ul	0.00
79) Pyrene-d10	19.98	212	224660	38.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	222223	37.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	3957	9.86	ng/uL	92
6) Phenol	7.43	94	11382	6.59	ng/ul	95
10) 2-Chlorophenol	7.82	128	34939	26.63	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.06	70	38396	35.40	ng/ul	97
33) 4-Chloro-3-methylphenol	12.34	107	46160	28.59	ng/ul	98
50) Acenaphthene	14.94	153	155363	35.22	ng/ul	97
53) 4-Nitrophenol	15.06	109	3438	6.40	ng/ul	94
55) 2,4-Dinitrotoluene	15.22	165	50030	37.41	ng/ul	95
69) Pentachlorophenol	17.26	266	27170	31.37	ng/ul	92
80) Pyrene	20.01	202	292278	35.74	ng/ul	100

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

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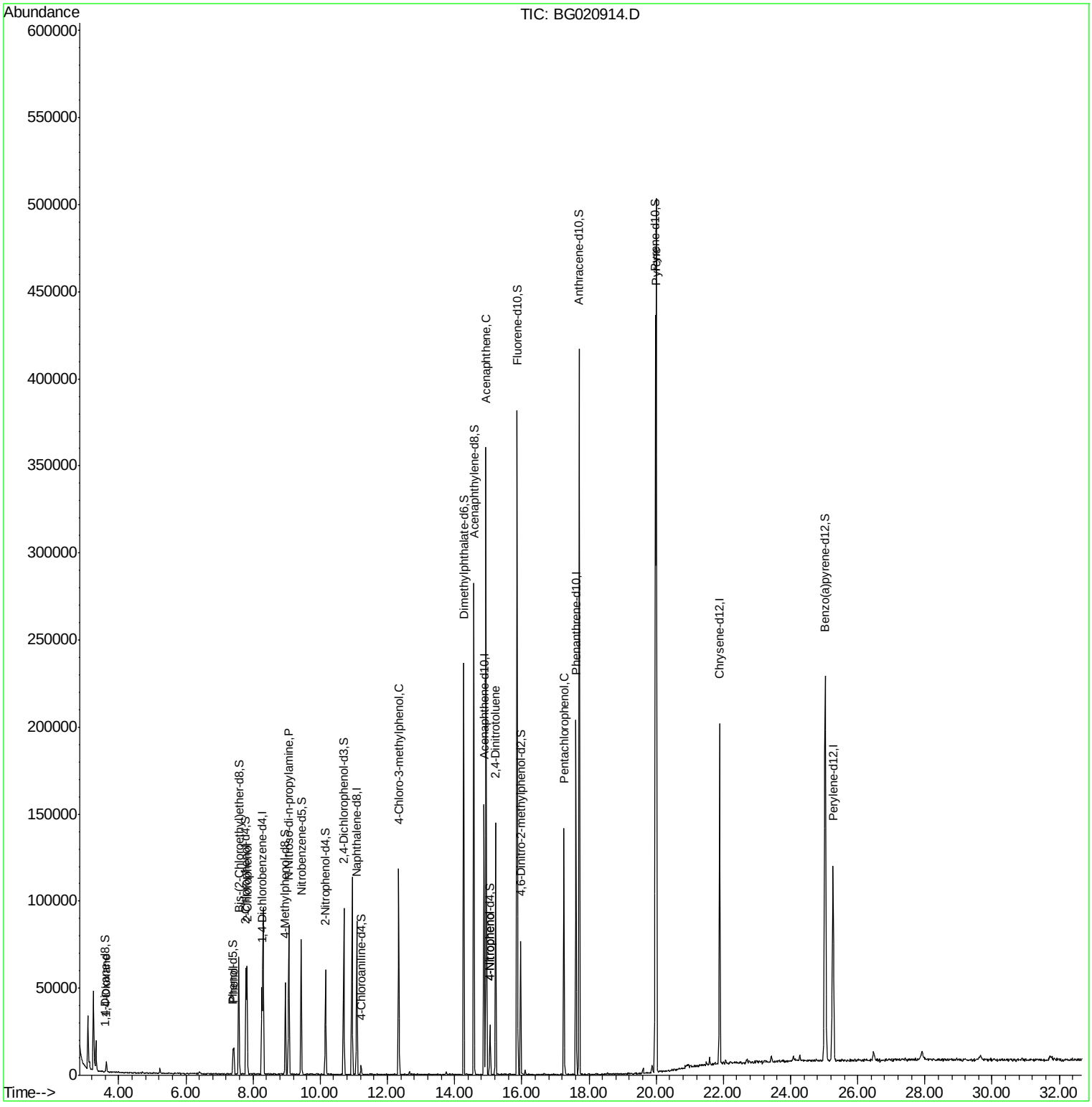
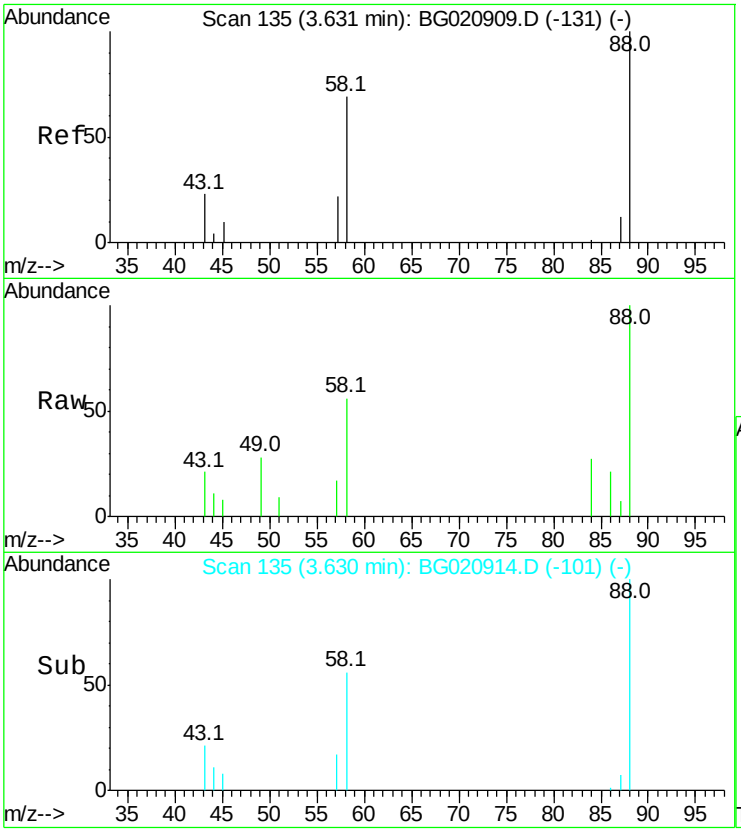


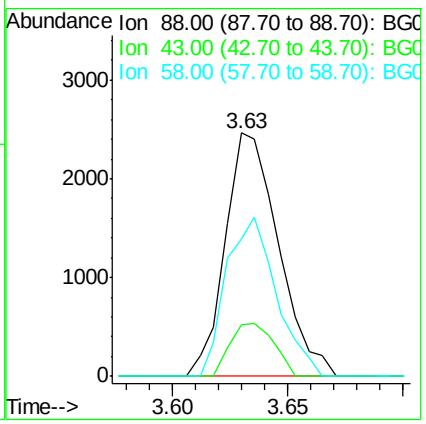


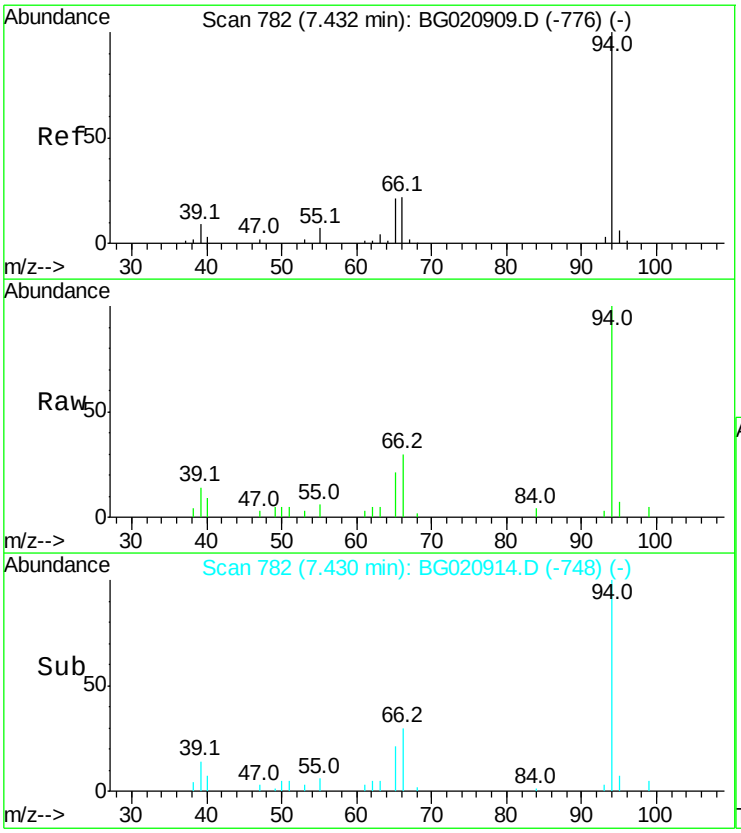
#2
1,4-Dioxane
Concen: 9.86 ng/uL
RT: 3.63 min Scan# 135
Delta R.T. -0.00 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 88 Resp: 3957

Ion	Ratio	Lower	Upper
88	100		
43	21.2	19.4	29.0
58	56.4	50.6	76.0

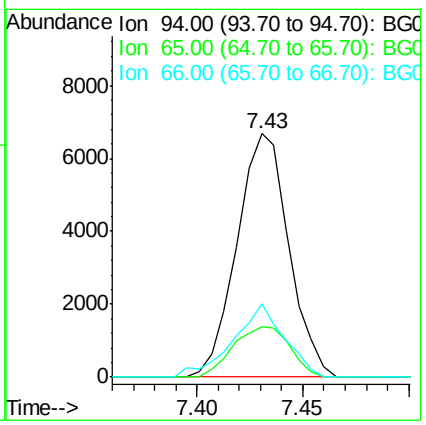


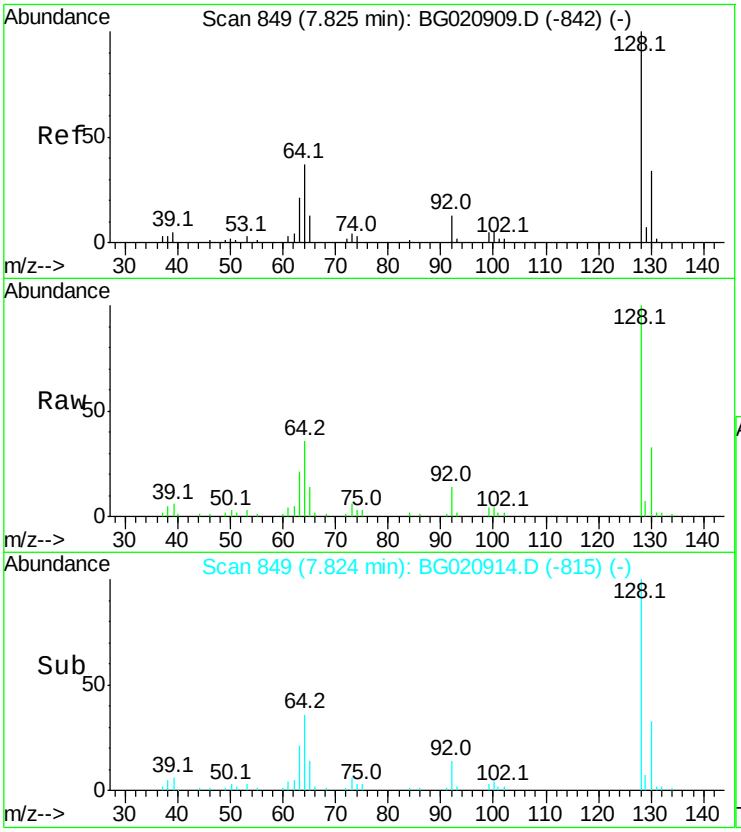


#6
Phenol
Concen: 6.59 ng/ul
RT: 7.43 min Scan# 782
Delta R.T. -0.00 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Tgt Ion: 94 Resp: 11382

Ion	Ratio	Lower	Upper
94	100		
65	20.6	17.5	26.3
66	30.4	21.1	31.7



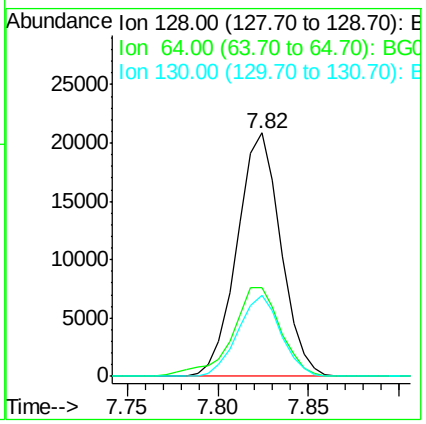


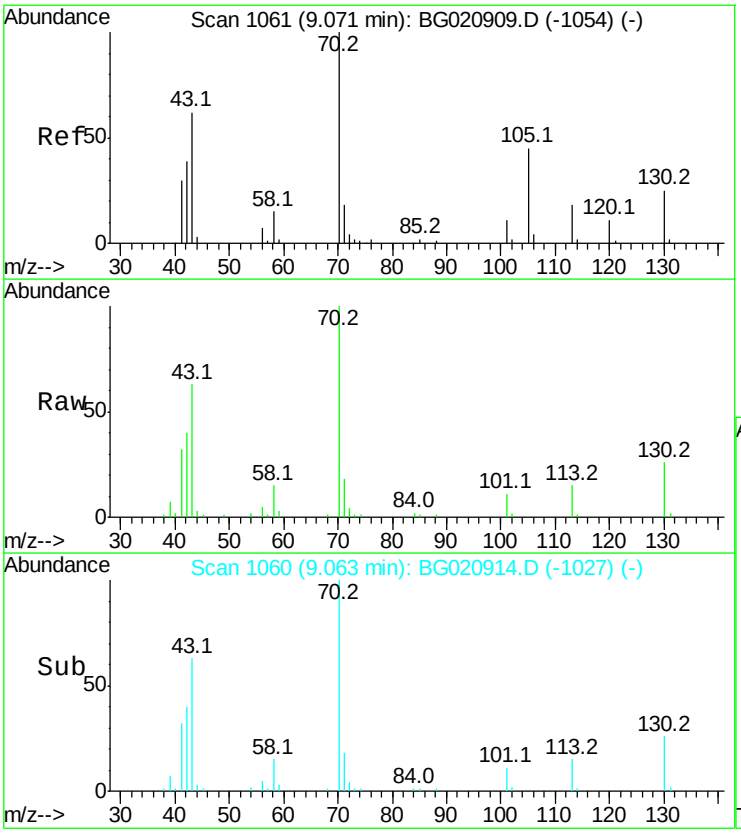
#10
2-Chlorophenol
Concen: 26.63 ng/ul
RT: 7.82 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 34939

Ion	Ratio	Lower	Upper
128	100		
64	36.4	30.8	46.2
130	33.3	25.8	38.8

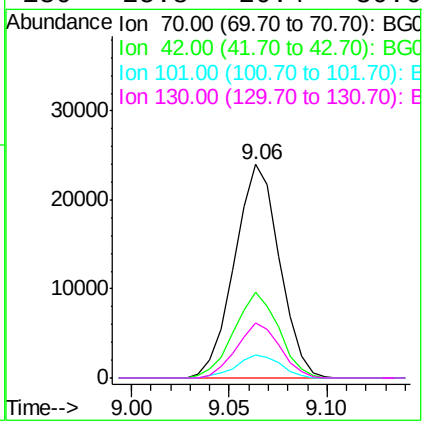


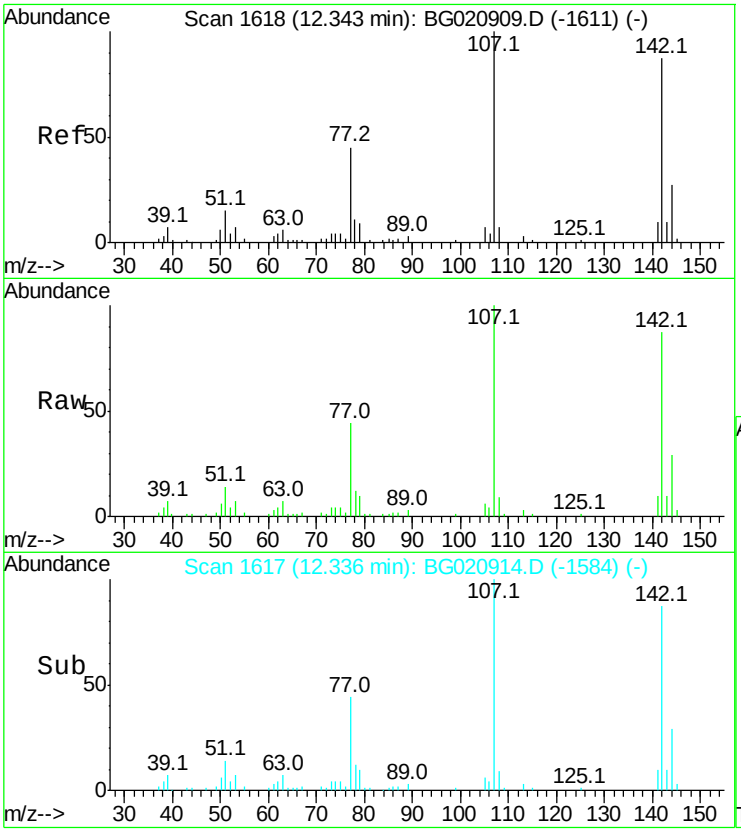


#15
N-Nitroso-di-n-propylamine
Concen: 35.40 ng/ul
RT: 9.06 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Tgt Ion: 70 Resp: 38396

Ion	Ratio	Lower	Upper
70	100		
42	40.0	29.4	44.2
101	10.8	8.2	12.2
130	25.8	20.4	30.6



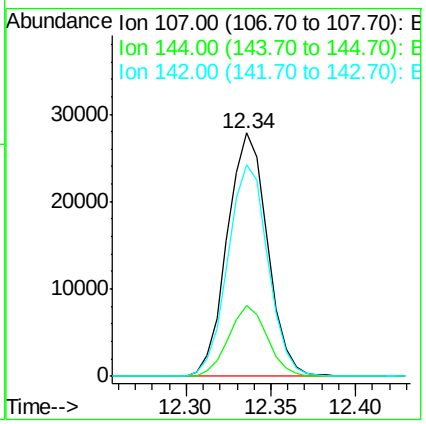


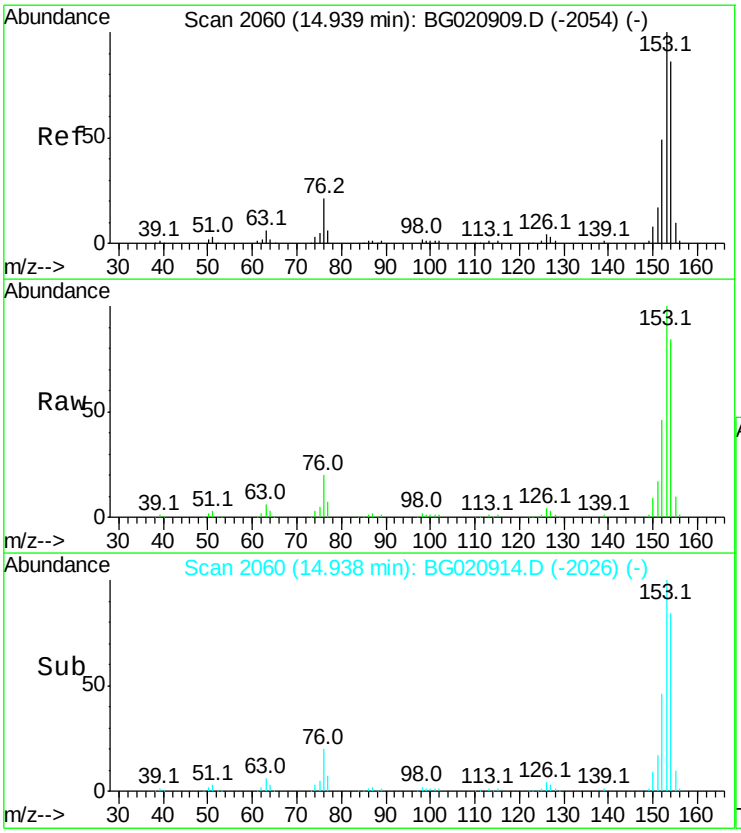
#33
4-Chloro-3-methylphenol
Concen: 28.59 ng/ul
RT: 12.34 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 46160

Ion	Ratio	Lower	Upper
107	100		
144	29.1	22.3	33.5
142	87.1	71.4	107.2

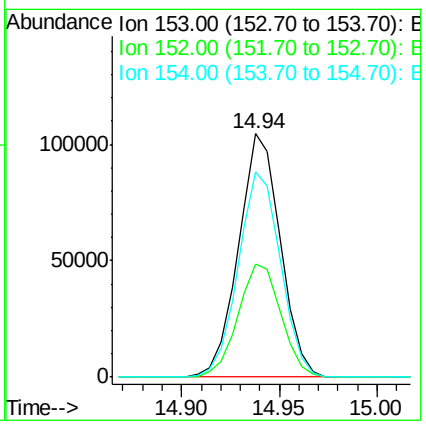


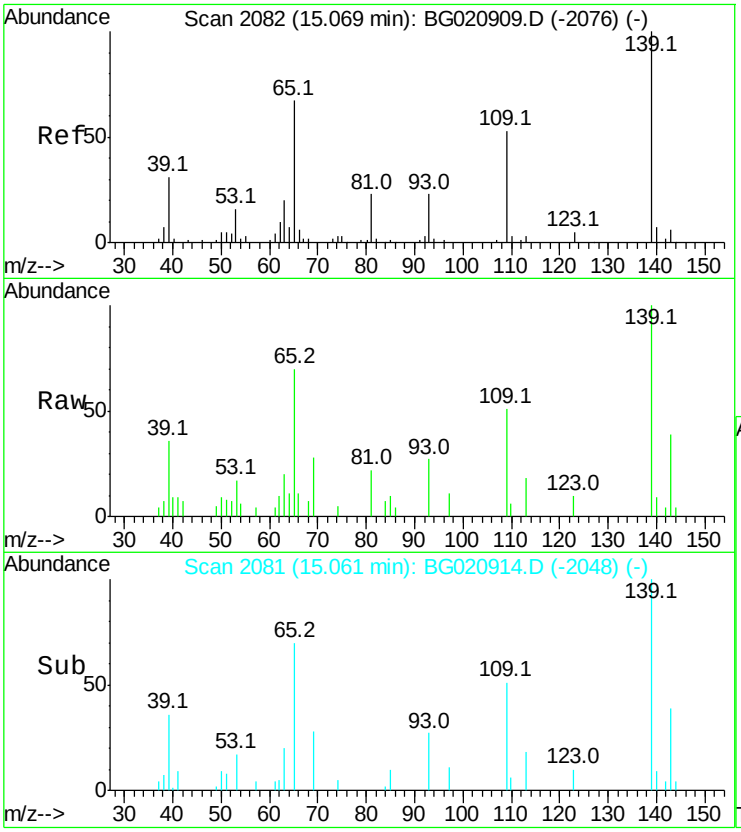


#50
Acenaphthene
Concen: 35.22 ng/ul
RT: 14.94 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Tgt Ion:153 Resp: 155363

Ion	Ratio	Lower	Upper
153	100		
152	46.4	40.6	61.0
154	84.3	68.7	103.1



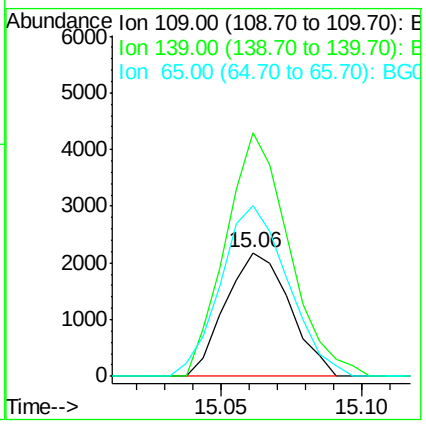


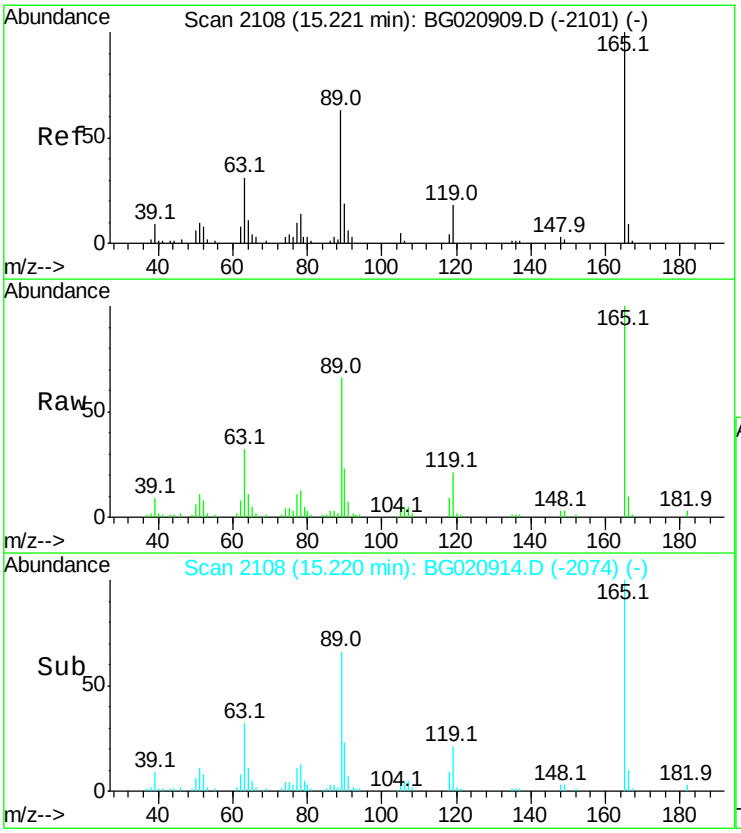
#53
4-Nitrophenol
Concen: 6.40 ng/ul
RT: 15.06 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:109 Resp: 3438

Ion	Ratio	Lower	Upper
109	100		
139	196.6	150.5	225.7
65	137.9	103.9	155.9

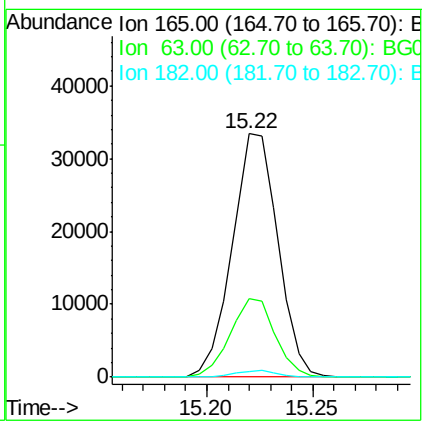


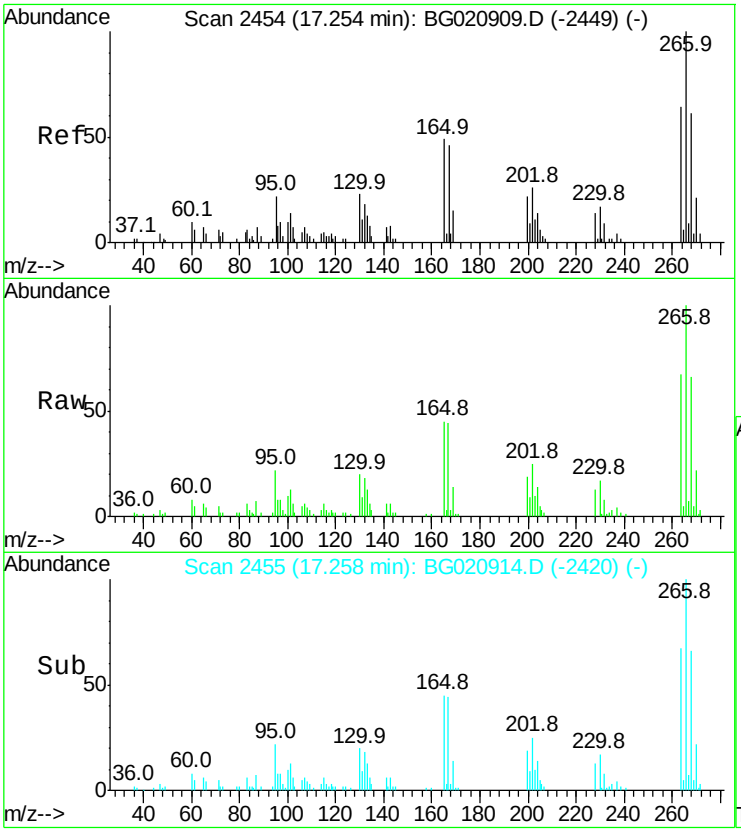


#55
2,4-Dinitrotoluene
Concen: 37.41 ng/ul
RT: 15.22 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Tgt Ion:165 Resp: 50030

Ion	Ratio	Lower	Upper
165	100		
63	32.4	28.5	42.7
182	2.5	2.5	3.7



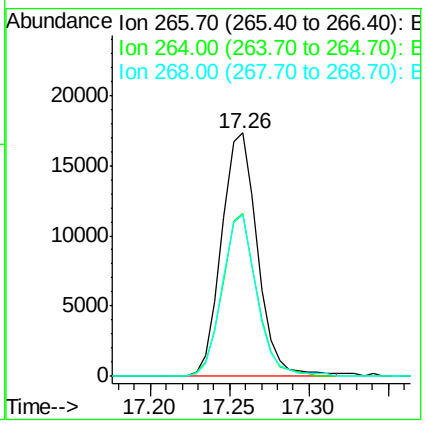


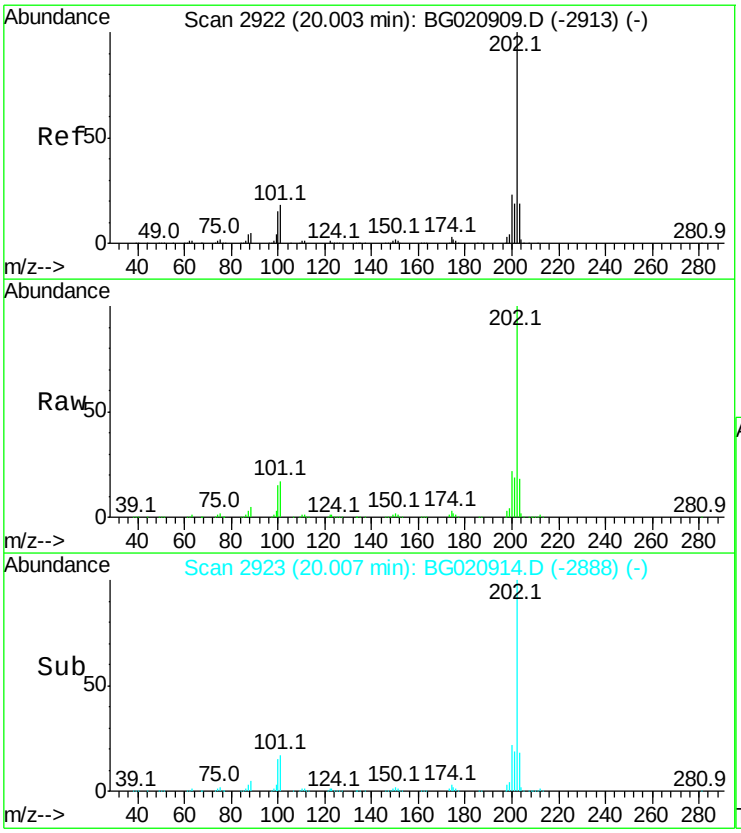
#69
Pentachlorophenol
Concen: 31.37 ng/ul
RT: 17.26 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 27170

Ion	Ratio	Lower	Upper
266	100		
264	67.0	49.4	74.2
268	66.5	47.1	70.7





#80
Pyrene
Concen: 35.74 ng/ul
RT: 20.01 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BG020914.D
Acq: 16 Feb 2016 18:50

Tgt Ion:202 Resp: 292278

Ion	Ratio	Lower	Upper
202	100		
101	16.8	13.5	20.3
100	14.6	11.7	17.5