Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025090.D
Acq On : 11 Dec 2016 5:04
Operator : UM/SJ
Sample : H5861-18MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8G7MSD

Quant Time: Dec 12 06:33:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 04:23:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	91784	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	380101	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	312742	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	700888	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	867407	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	867471	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	2603	1.46	ng/uL	0.00
5) Phenol-d5	7.38	99	59764	7.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	182718	37.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	165049	29.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	121334	18.34	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	110571	41.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	132488	39.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	239388	37.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	86	0.01	ng/ul	-0.01
43) Dimethylphthalate-d6	14.25	166	887020	41.23	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	964539	40.93	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	30089	8.14	ng/ul	0.00
57) Fluorene-d10	15.84	176	847516	41.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	192915	44.52	ng/ul	0.00
70) Anthracene-d10	17.70	188	1272709	43.02	ng/ul	0.00
76) Pyrene-d10	19.97	212	1567622	43.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1636283	46.55	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.41	94	66632	8.20	ng/ul	94
10) 2-Chlorophenol	7.79	128	158277	28.43	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.03	70	220311	37.88	ng/ul	94
33) 4-Chloro-3-methylphenol	12.32	107	265845	34.42	ng/ul	98
49) Acenaphthene	14.92	153	639890	40.78	ng/ul	98
52) 4-Nitrophenol	15.06	109	39591	8.90	ng/ul	95
54) 2,4-Dinitrotoluene	15.21	165	271849	39.71	ng/ul#	99
68) Pentachlorophenol	17.24	266	240411	44.91	ng/ul	93
77) Pyrene	20.00	202	1767057	42.38	ng/ul	97

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

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Data File : BG025090.D
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Operator : UM/SJ
Sample : H5861-18MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8G7MSD

Quant Time: Dec 12 06:33:31 2016
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Quant Title : SVOA CALIBRATION
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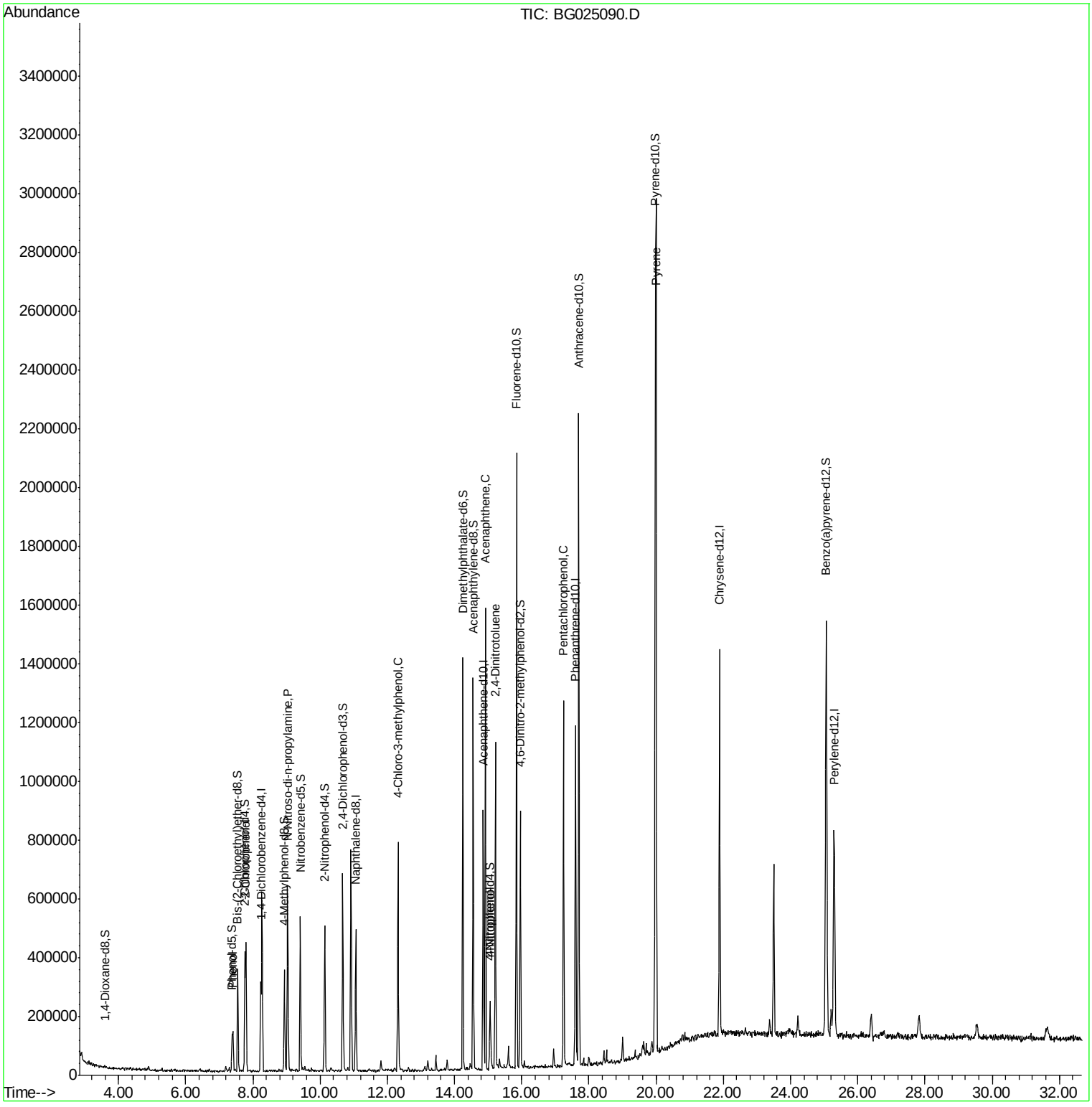
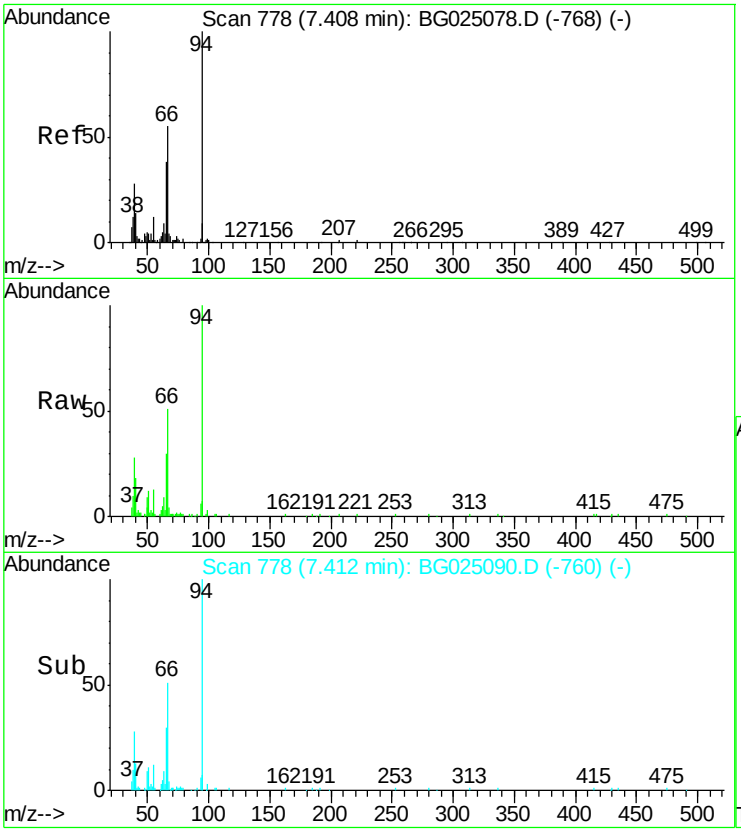


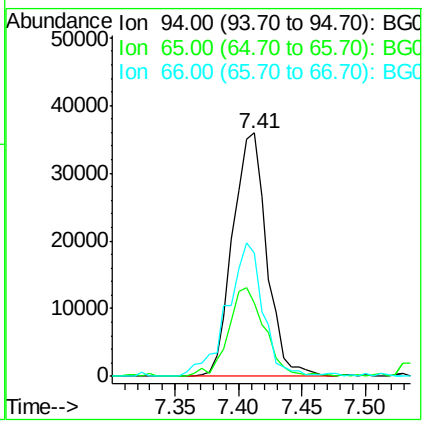


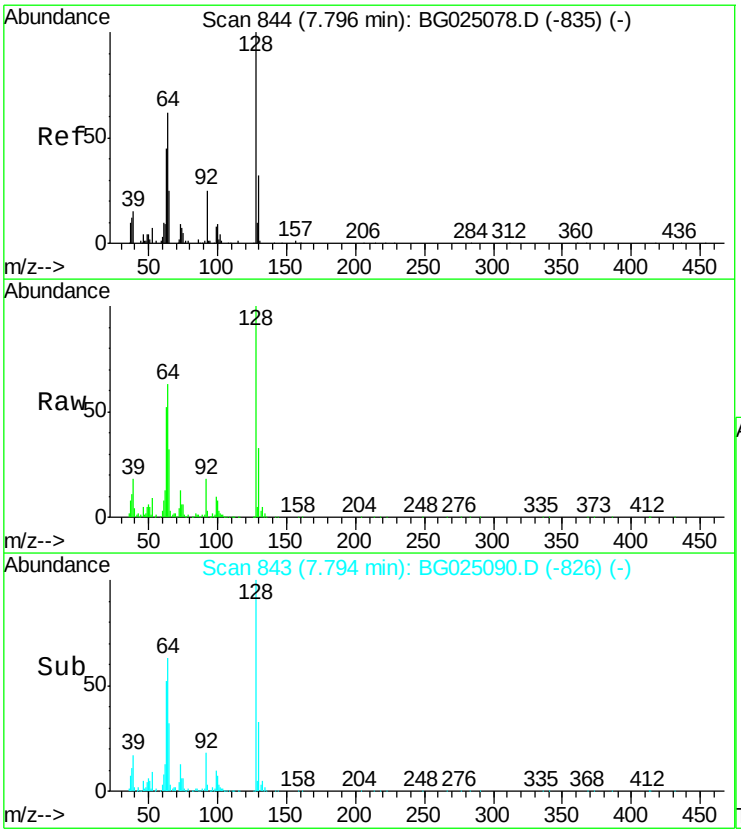
#6
Phenol
Concen: 8.20 ng/ul
RT: 7.41 min Scan# 778
Delta R.T. 0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

Instrument :
BNA_G
ClientSampleId :
DA8G7MSD

Tgt Ion: 94 Resp: 66632

Ion	Ratio	Lower	Upper
94	100		
65	30.0	26.8	40.2
66	50.8	44.4	66.6

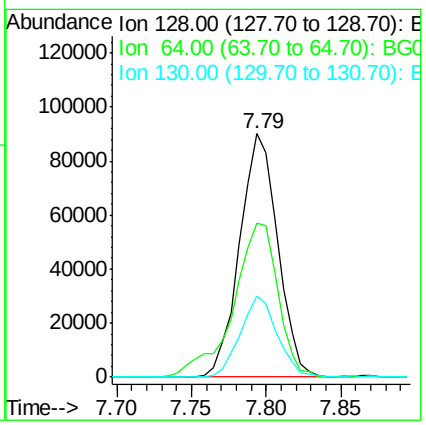


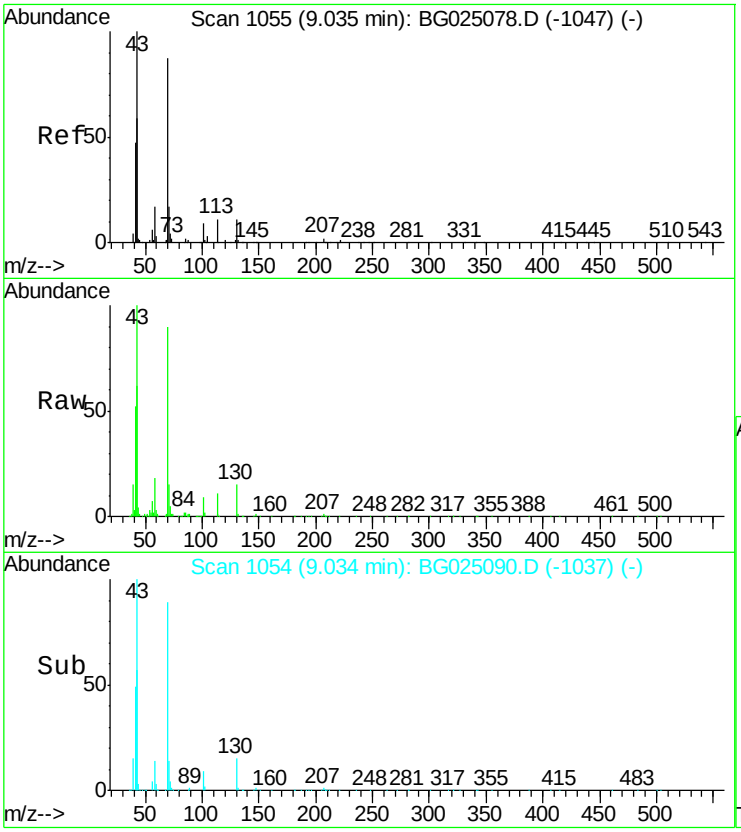


#10
2-Chlorophenol
Concen: 28.43 ng/ul
RT: 7.79 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

Tgt Ion:128 Resp: 158277

Ion	Ratio	Lower	Upper
128	100		
64	63.3	56.3	84.5
130	33.4	26.7	40.1



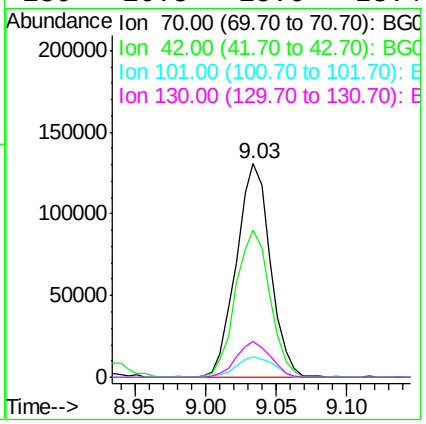


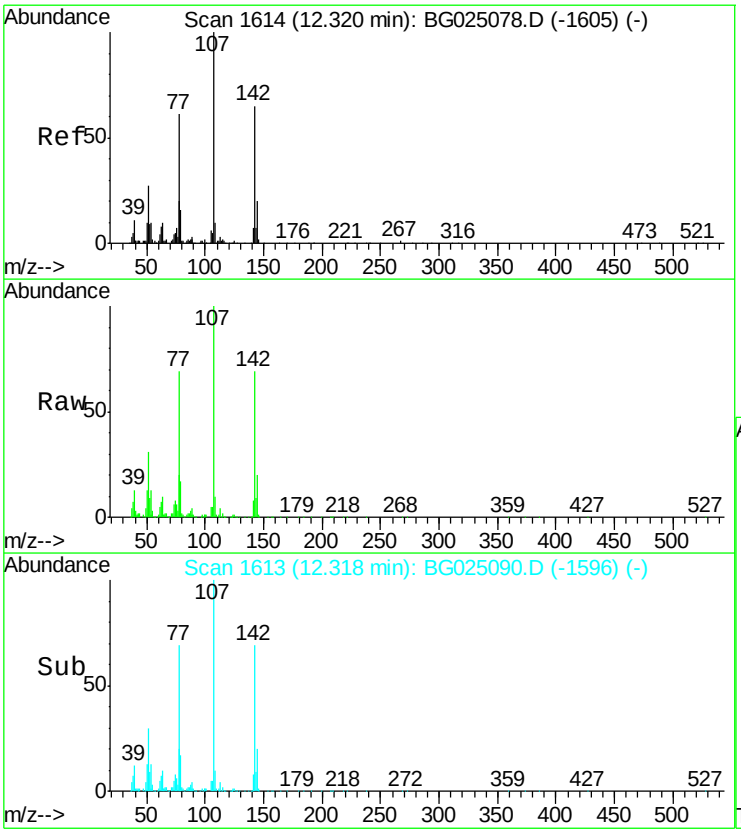
#15
N-Nitroso-di-n-propylamine
Concen: 37.88 ng/ul
RT: 9.03 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

Instrument :
BNA_G
ClientSampleId :
DA8G7MSD

Tgt Ion: 70 Resp: 220311

Ion	Ratio	Lower	Upper
70	100		
42	68.8	59.0	88.6
101	9.7	6.6	9.8
130	16.8	15.6	23.4

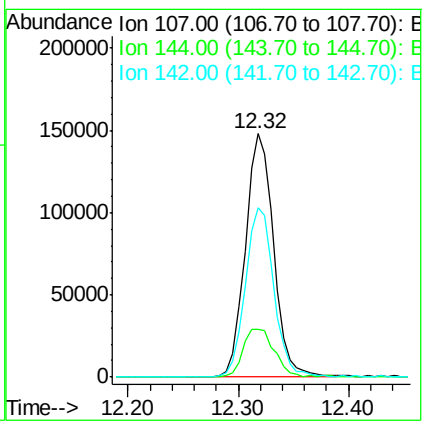


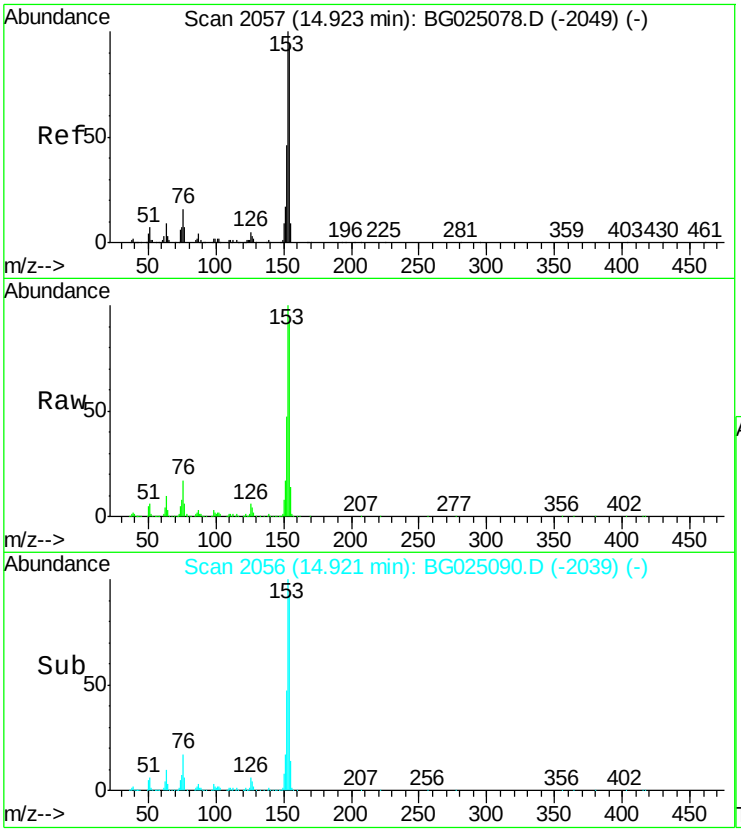


#33
4-Chloro-3-methylphenol
Concen: 34.42 ng/ul
RT: 12.32 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

Tgt Ion:107 Resp: 265845

Ion	Ratio	Lower	Upper
107	100		
144	19.6	18.2	27.4
142	69.4	55.0	82.4



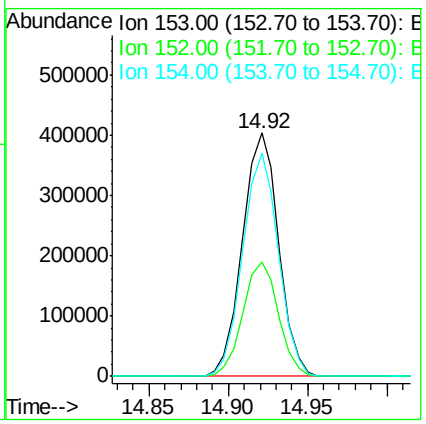


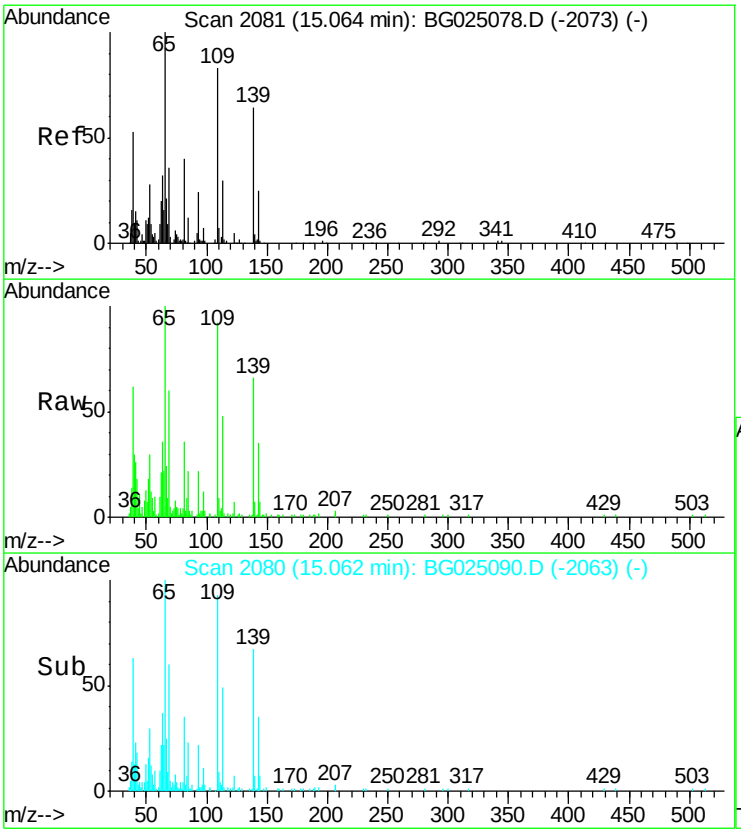
#49
Acenaphthene
Concen: 40.78 ng/ul
RT: 14.92 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

Instrument :
BNA_G
ClientSampleId :
DA8G7MSD

Tgt Ion:153 Resp: 639890

Ion	Ratio	Lower	Upper
153	100		
152	47.1	36.5	54.7
154	91.6	72.3	108.5

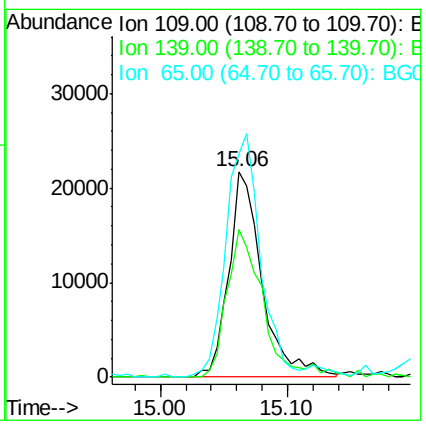


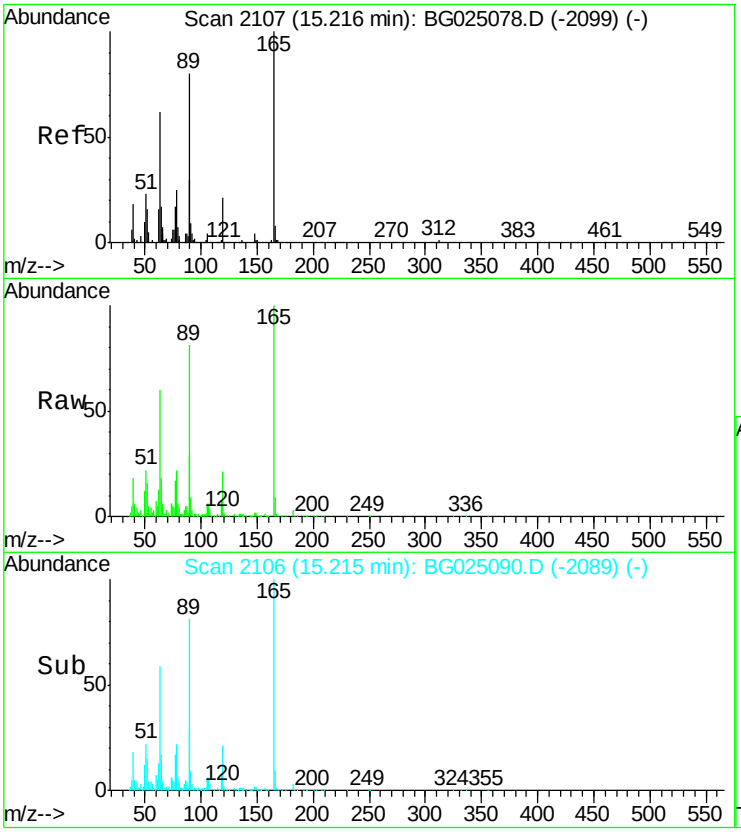


#52
4-Nitrophenol
Concen: 8.90 ng/ul
RT: 15.06 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

Tgt Ion:109 Resp: 39591

Ion	Ratio	Lower	Upper
109	100		
139	72.1	62.6	93.8
65	109.0	90.4	135.6



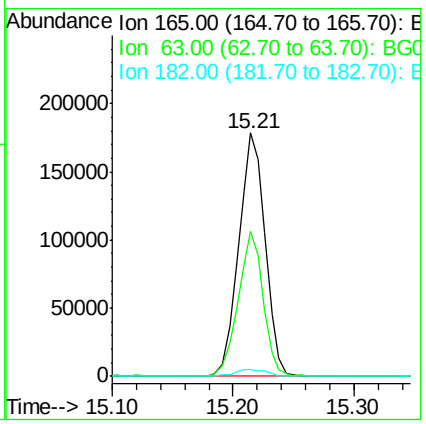


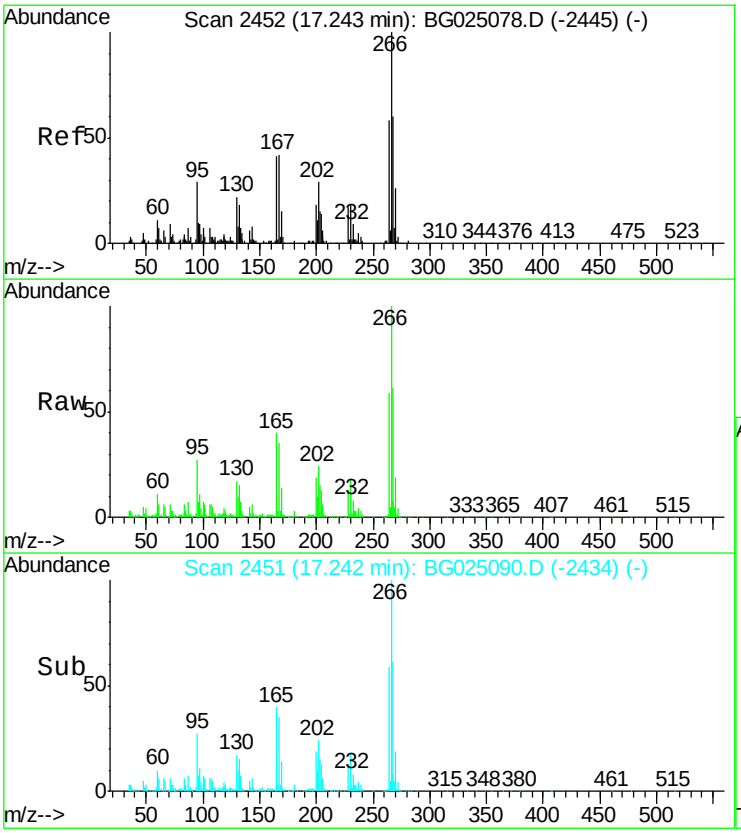
#54
2,4-Dinitrotoluene
Concen: 39.71 ng/ul
RT: 15.21 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

Instrument :
BNA_G
ClientSampleId :
DA8G7MSD

Tgt Ion:165 Resp: 271849

Ion	Ratio	Lower	Upper
165	100		
63	59.6	46.8	70.2
182	2.7	1.8	2.6#

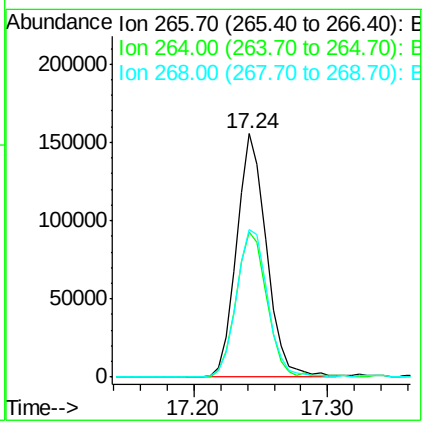


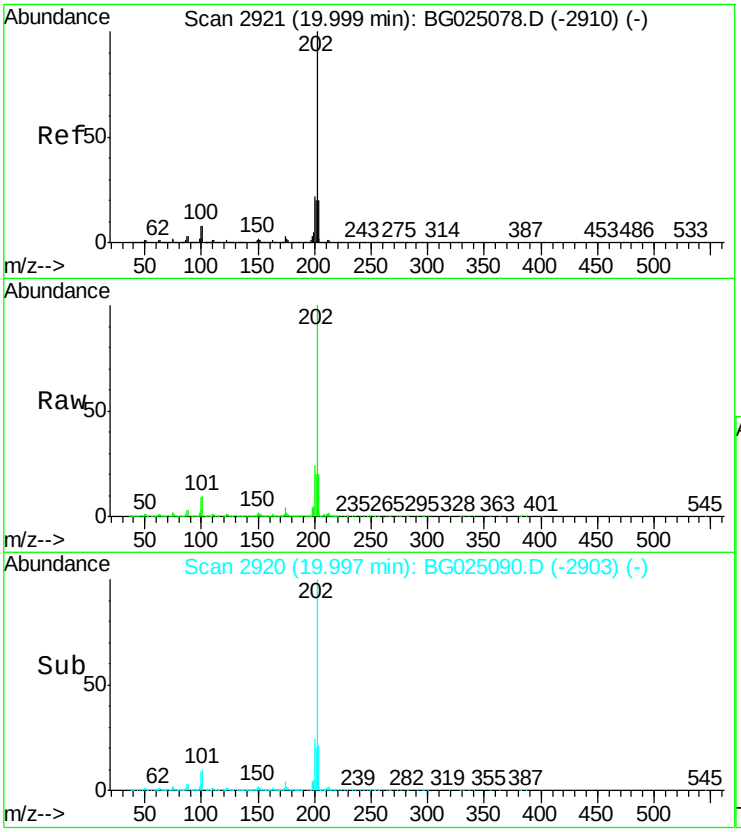


#68
Pentachlorophenol
Concen: 44.91 ng/ul
RT: 17.24 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

Tgt Ion:266 Resp: 240411

Ion	Ratio	Lower	Upper
266	100		
264	59.4	47.1	70.7
268	60.6	56.2	84.4





#77
Pyrene
Concen: 42.38 ng/ul
RT: 20.00 min Scan# 2920
Delta R.T. -0.00 min
Lab File: BG025090.D
Acq: 11 Dec 2016 5:04

Instrument :
BNA_G
ClientSampleId :
DA8G7MSD

Tgt Ion:202 Resp: 1767057

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.9	10.3
100	8.8	6.6	10.0