Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024845.D
Acq On : 19 Nov 2016 4:08
Operator : UM/SJ
Sample : H5695-10MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHST5MSD

Quant Time: Nov 19 04:51:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 03:34:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	110847	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	529775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	482881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	996348	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1219419	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1313523	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	9045	4.23	ng/uL	0.00
5) Phenol-d5	7.40	99	244203	25.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	164453	27.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	181276	26.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	213882	26.82	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	100046	24.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	128193	26.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	235921	24.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	284845	26.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	847004	24.06	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	962282	25.08	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	136896	21.85	ng/ul	0.00
57) Fluorene-d10	15.86	176	793431	23.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	132778	19.38	ng/ul	0.00
70) Anthracene-d10	17.72	188	1167165	26.52	ng/ul	0.00
76) Pyrene-d10	19.99	212	1385535	26.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1524143	26.51	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	283146	28.54	ng/ul	94
10) 2-Chlorophenol	7.82	128	171743	26.07	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.06	70	198363	29.07	ng/ul	87
33) 4-Chloro-3-methylphenol	12.33	107	278334	25.17	ng/ul	98
44) Dimethylphthalate	14.31	163	305976	9.06	ng/ul	99
49) Acenaphthene	14.94	153	634480	24.13	ng/ul	96
52) 4-Nitrophenol	15.07	109	158111	21.08	ng/ul	90
54) 2,4-Dinitrotoluene	15.23	165	260570	24.27	ng/ul	90
68) Pentachlorophenol	17.26	266	202118	25.53	ng/ul	89
77) Pyrene	20.02	202	1575886	26.29	ng/ul	98

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

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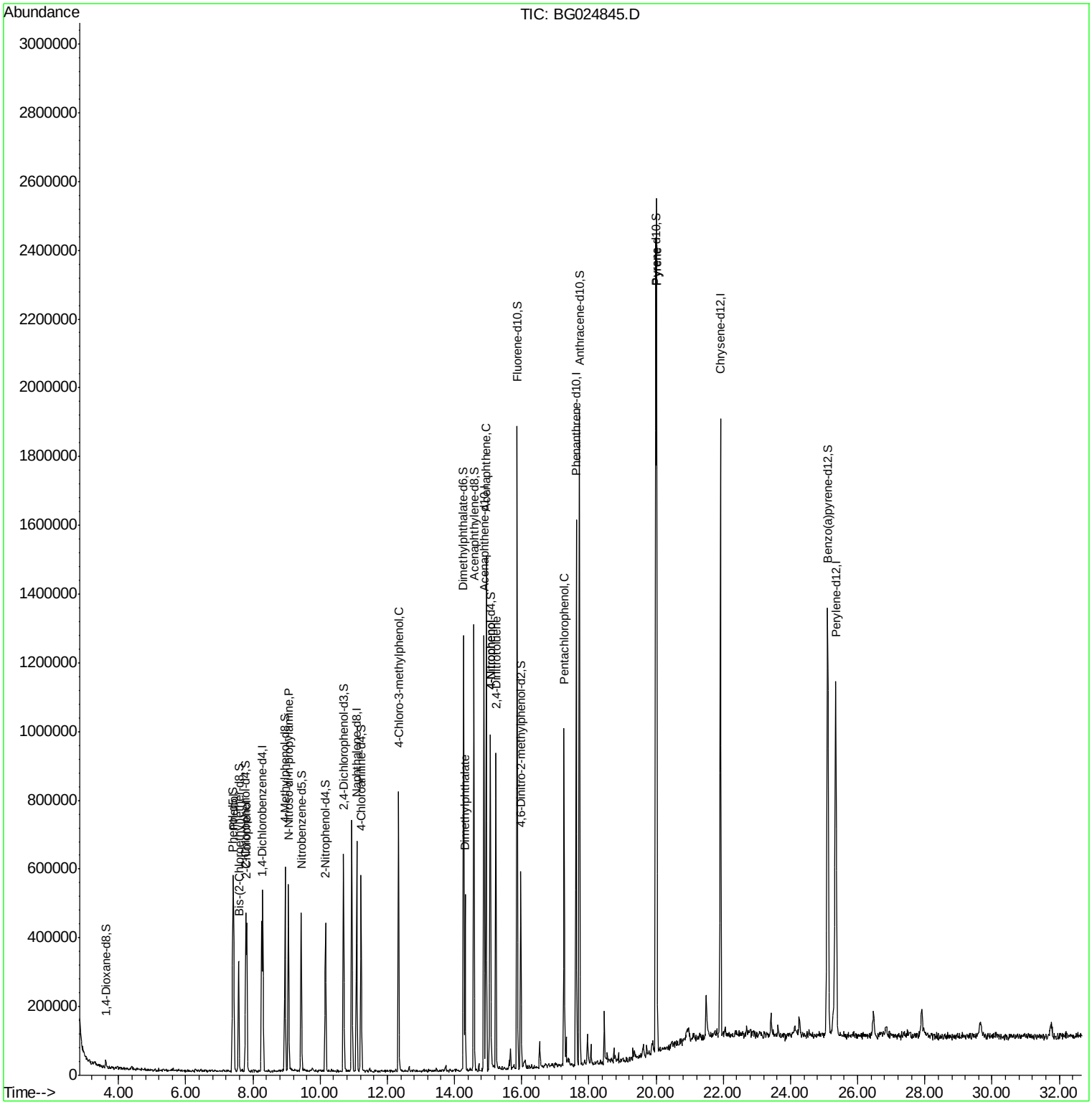
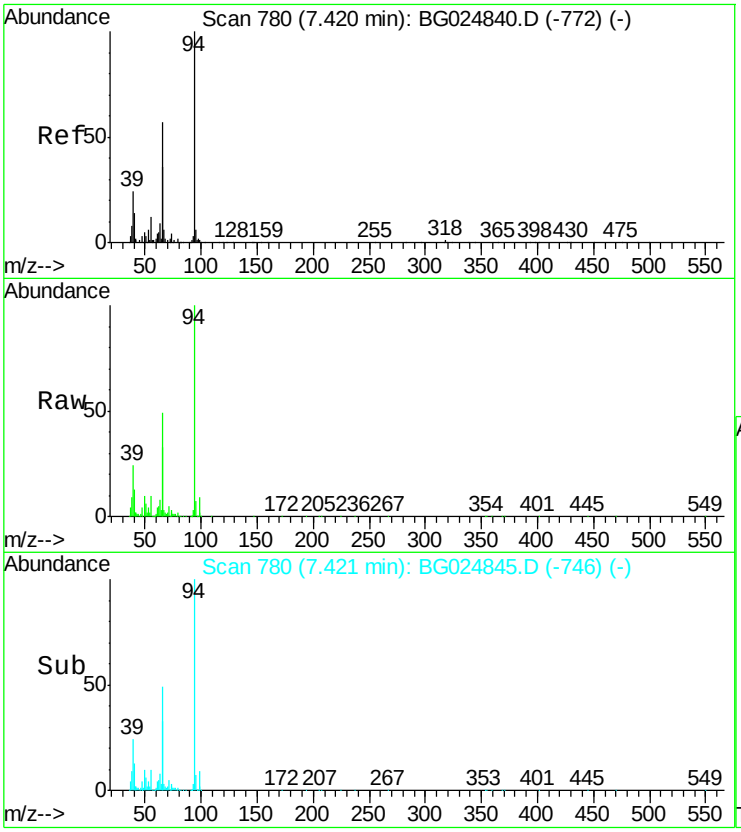


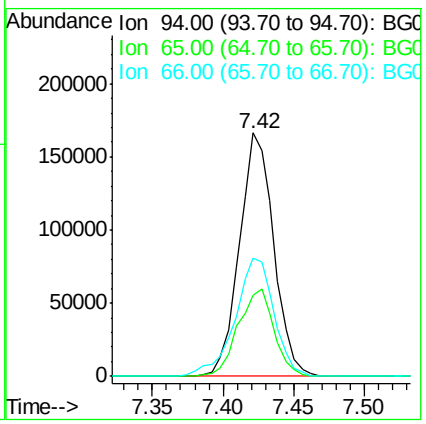


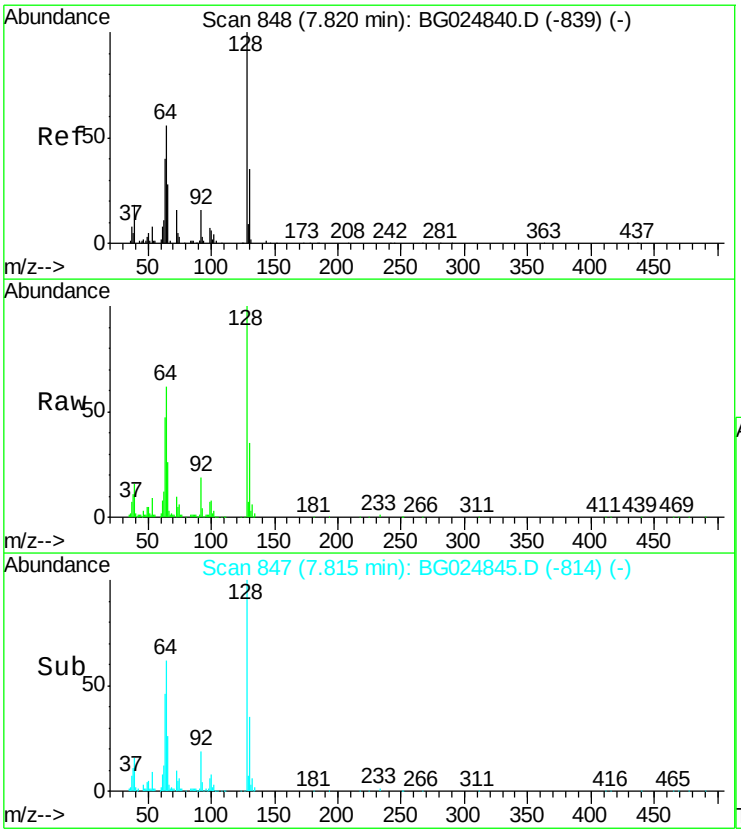
#6
Phenol
Concen: 28.54 ng/ul
RT: 7.42 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Instrument :
BNA_G
ClientSampleId :
JHST5MSD

Tgt Ion: 94 Resp: 283146

Ion	Ratio	Lower	Upper
94	100		
65	33.4	26.8	40.2
66	48.6	44.4	66.6

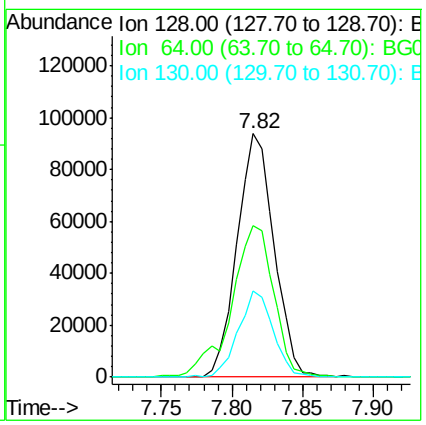


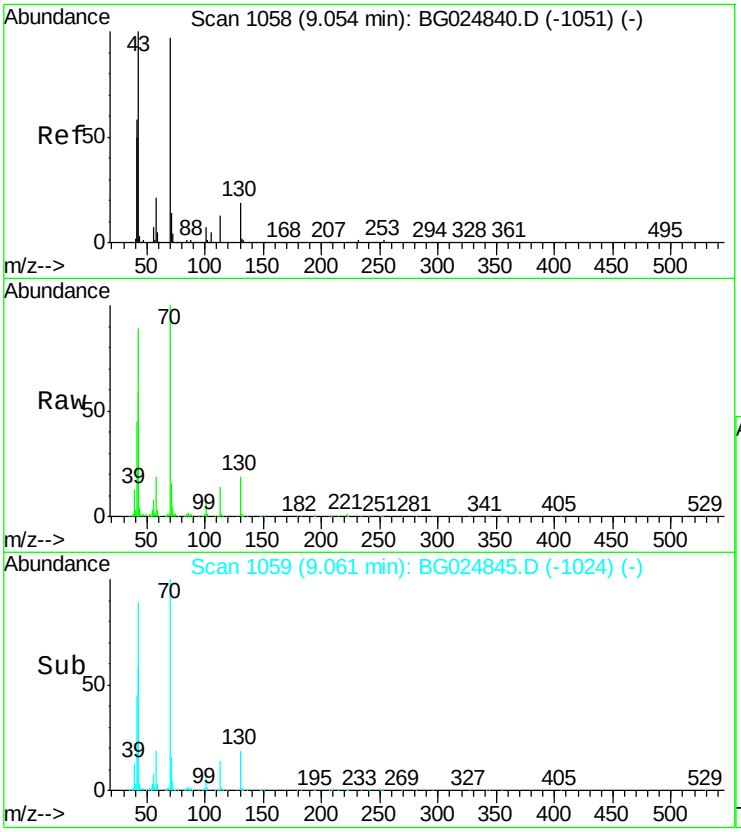


#10
2-Chlorophenol
Concen: 26.07 ng/ul
RT: 7.82 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Tgt Ion:128 Resp: 171743

Ion	Ratio	Lower	Upper
128	100		
64	62.3	56.3	84.5
130	35.2	26.7	40.1



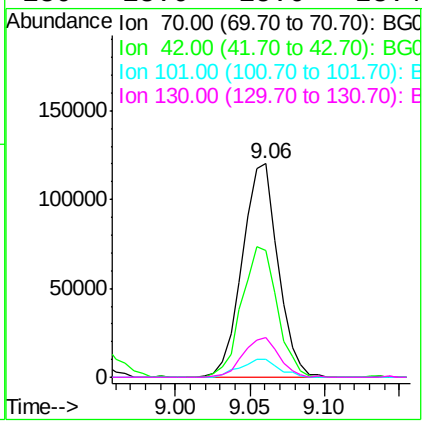


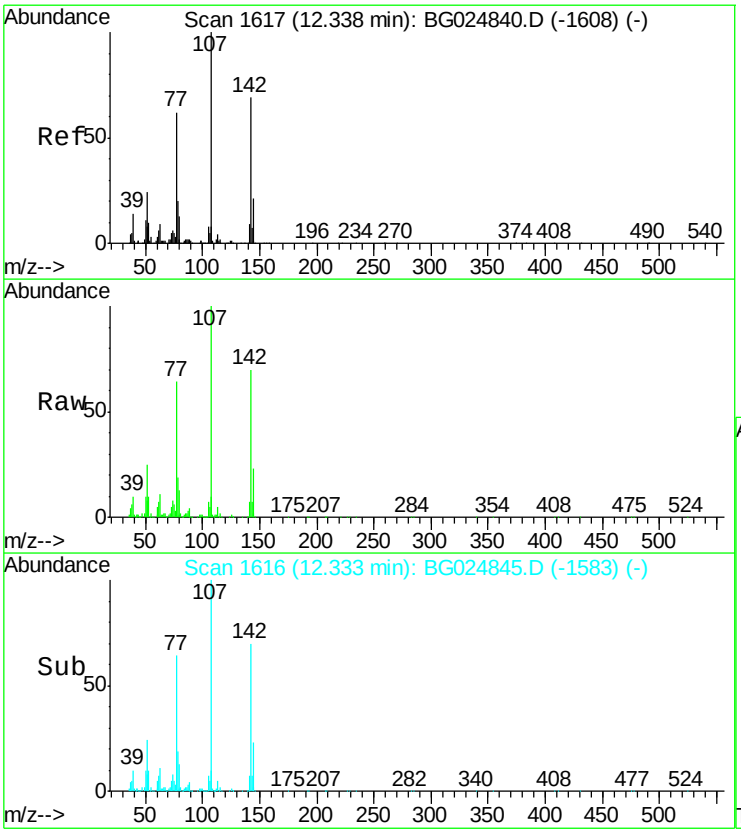
#15
N-Nitroso-di-n-propylamine
Concen: 29.07 ng/ul
RT: 9.06 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Instrument :
BNA_G
ClientSampleId :
JHST5MSD

Tgt Ion: 70 Resp: 198363

Ion	Ratio	Lower	Upper
70	100		
42	59.3	59.0	88.6
101	8.3	6.6	9.8
130	18.6	15.6	23.4

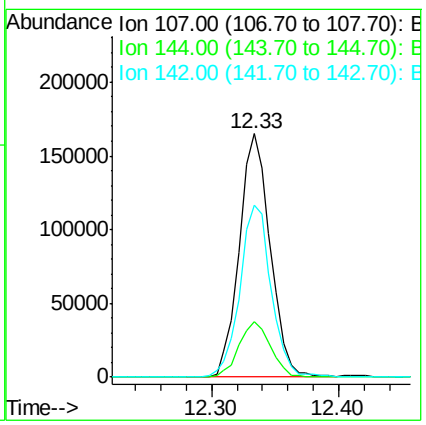


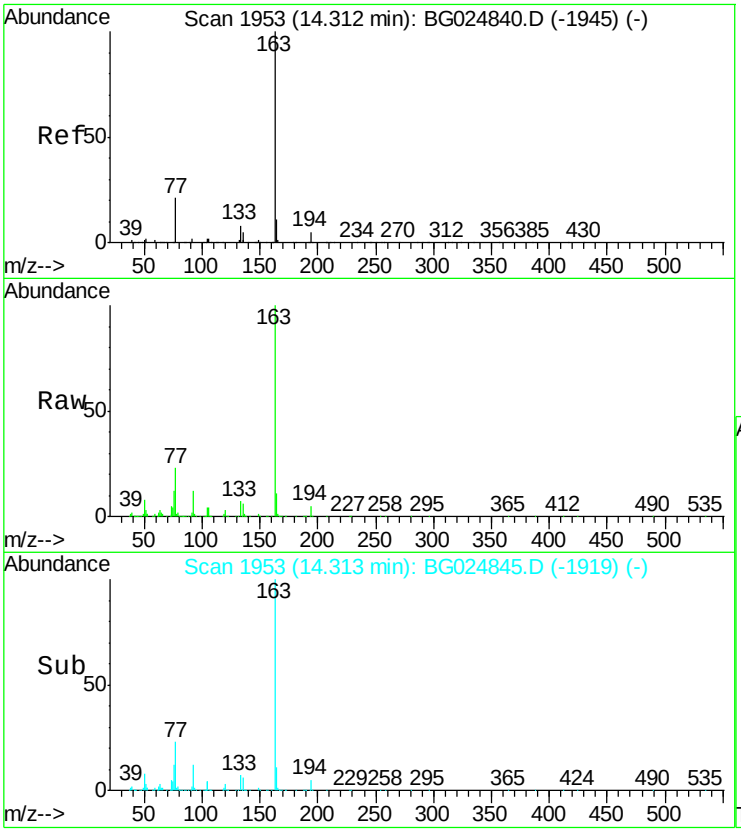


#33
4-Chloro-3-methylphenol
Concen: 25.17 ng/ul
RT: 12.33 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Tgt Ion:107 Resp: 278334

Ion	Ratio	Lower	Upper
107	100		
144	22.9	18.2	27.4
142	70.4	55.0	82.4



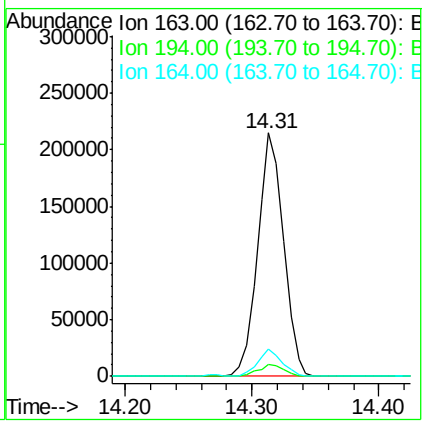


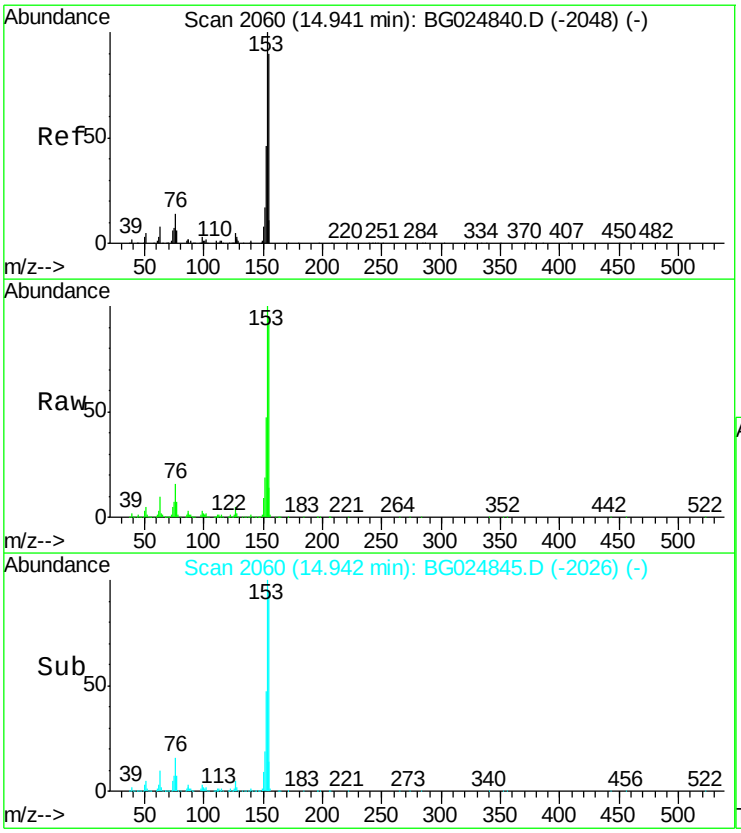
#44
Dimethylphthalate
Concen: 9.06 ng/ul
RT: 14.31 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Instrument :
BNA_G
ClientSampleId :
JHST5MSD

Tgt Ion:163 Resp: 305976

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.0
164	11.1	9.0	13.4

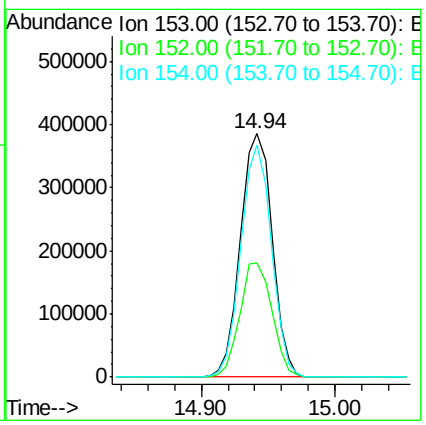


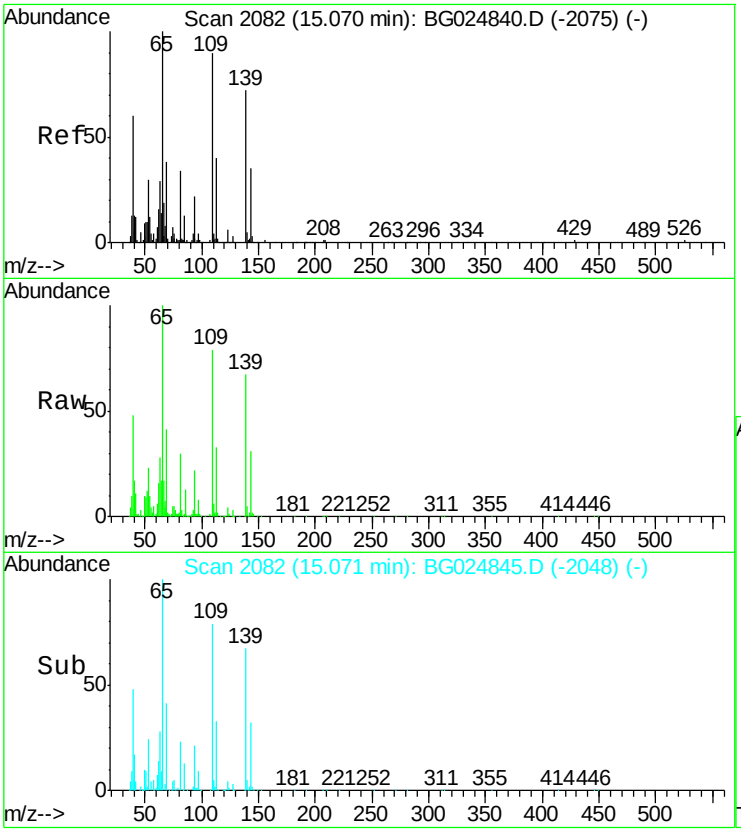


#49
Acenaphthene
Concen: 24.13 ng/ul
RT: 14.94 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Tgt Ion:153 Resp: 634480

Ion	Ratio	Lower	Upper
153	100		
152	47.2	36.5	54.7
154	95.2	72.3	108.5



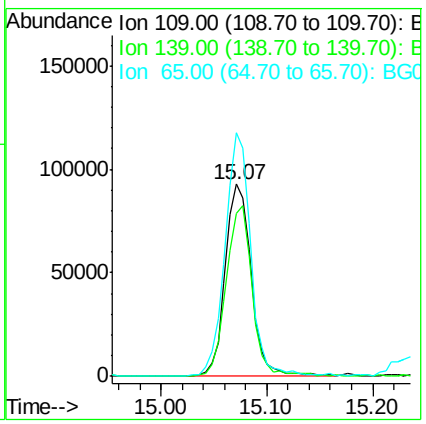


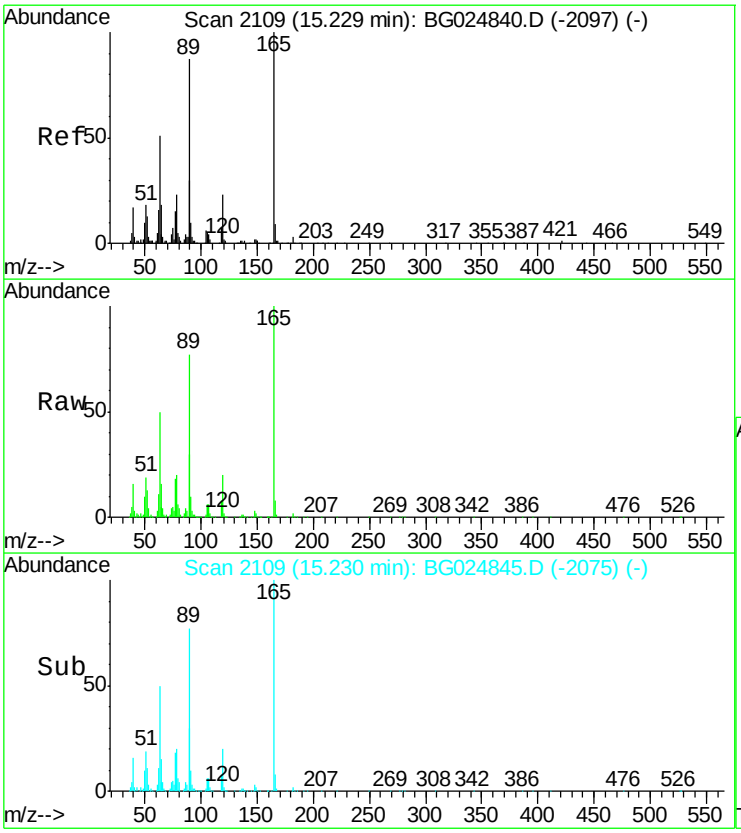
#52
4-Nitrophenol
Concen: 21.08 ng/ul
RT: 15.07 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Instrument :
BNA_G
ClientSampleId :
JHST5MSD

Tgt Ion:109 Resp: 158111

Ion	Ratio	Lower	Upper
109	100		
139	84.5	62.6	93.8
65	126.6	90.4	135.6

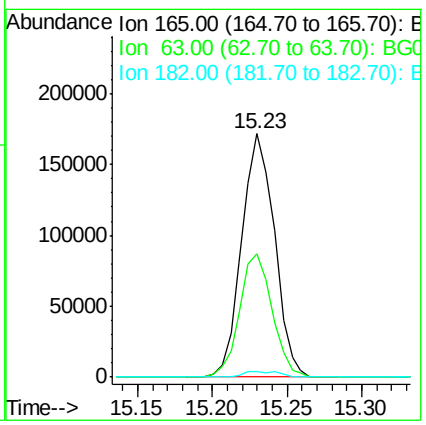


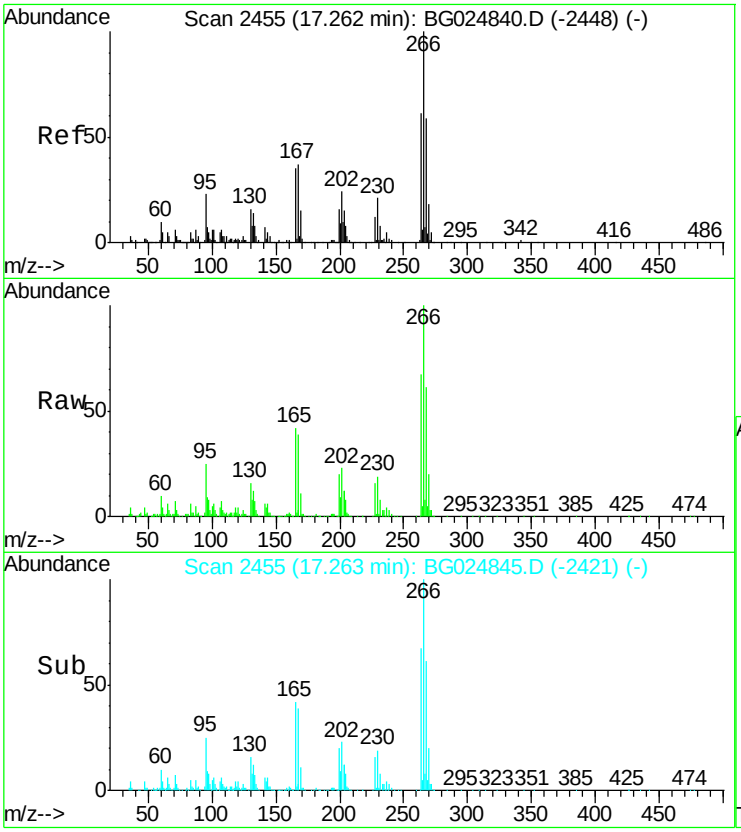


#54
2,4-Dinitrotoluene
Concen: 24.27 ng/ul
RT: 15.23 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Tgt Ion:165 Resp: 260570

Ion	Ratio	Lower	Upper
165	100		
63	50.4	46.8	70.2
182	2.4	1.8	2.6



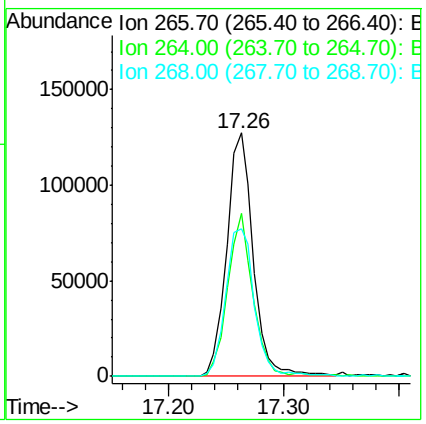


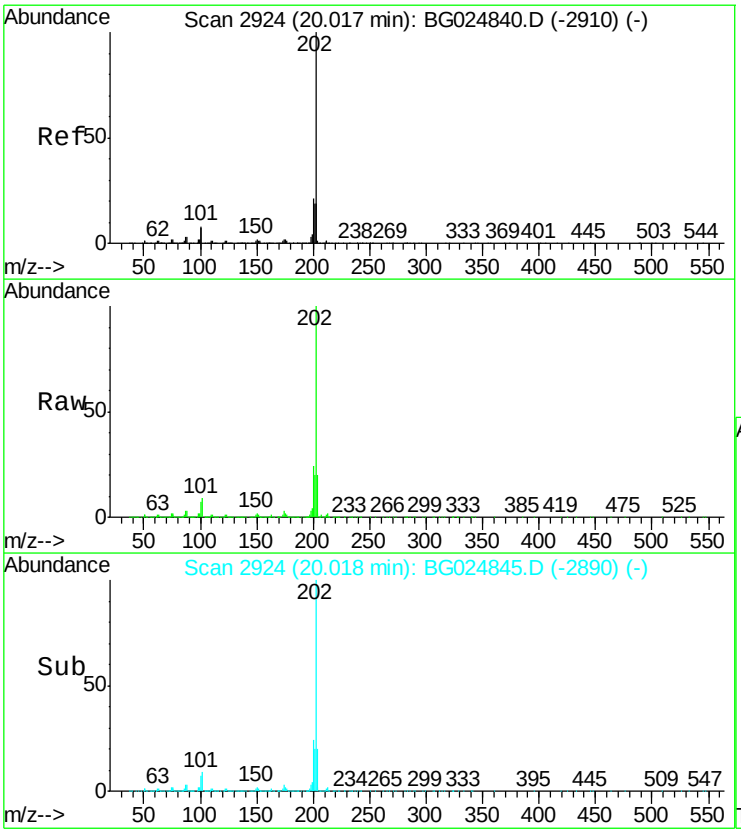
#68
Pentachlorophenol
Concen: 25.53 ng/ul
RT: 17.26 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Instrument :
BNA_G
ClientSampleId :
JHST5MSD

Tgt Ion:266 Resp: 202118

Ion	Ratio	Lower	Upper
266	100		
264	66.9	47.1	70.7
268	60.7	56.2	84.4





#77
Pyrene
Concen: 26.29 ng/ul
RT: 20.02 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BG024845.D
Acq: 19 Nov 2016 4:08

Tgt Ion:202 Resp: 1575886

Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.9	10.3
100	7.2	6.6	10.0