Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100416\
Data File : BM007659.D
Acq On : 04 Oct 2016 16:59
Operator : UM/SJ
Sample : H5033-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H1A02MS

Quant Time: Oct 04 18:47:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 04 13:03:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	183813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	891581	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	707152	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1623555	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	2029490	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	1802520	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	24043	6.43	ng/uL	0.00
5) Phenol-d5	6.95	99	534560	32.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	332518	37.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	414687	35.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	486377	34.92	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	239026	37.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	268468	37.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	499802	34.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	286365	18.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1954635	38.00	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2240626	37.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	296360	32.64	ng/ul	0.00
57) Fluorene-d10	15.40	176	1701012	37.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	326247	32.93	ng/ul	0.00
70) Anthracene-d10	17.24	188	2826601	37.89	ng/ul	0.00
76) Pyrene-d10	19.54	212	3490855	43.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.44	264	3088526	38.72	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.97	94	580160	35.04	ng/ul	99
10) 2-Chlorophenol	7.34	128	408608	34.39	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	451486	41.93	ng/ul	93
33) 4-Chloro-3-methylphenol	11.84	107	650720	37.60	ng/ul	91
44) Dimethylphthalate	13.86	163	1530487	30.68	ng/ul	100
49) Acenaphthene	14.47	153	1503459	36.90	ng/ul	98
52) 4-Nitrophenol	14.63	109	306152	32.39	ng/ul	93
54) 2,4-Dinitrotoluene	14.78	165	594975	38.98	ng/ul	99
68) Pentachlorophenol	16.80	266	463985	37.17	ng/ul	99
77) Pyrene	19.57	202	4340821	43.60	ng/ul	98

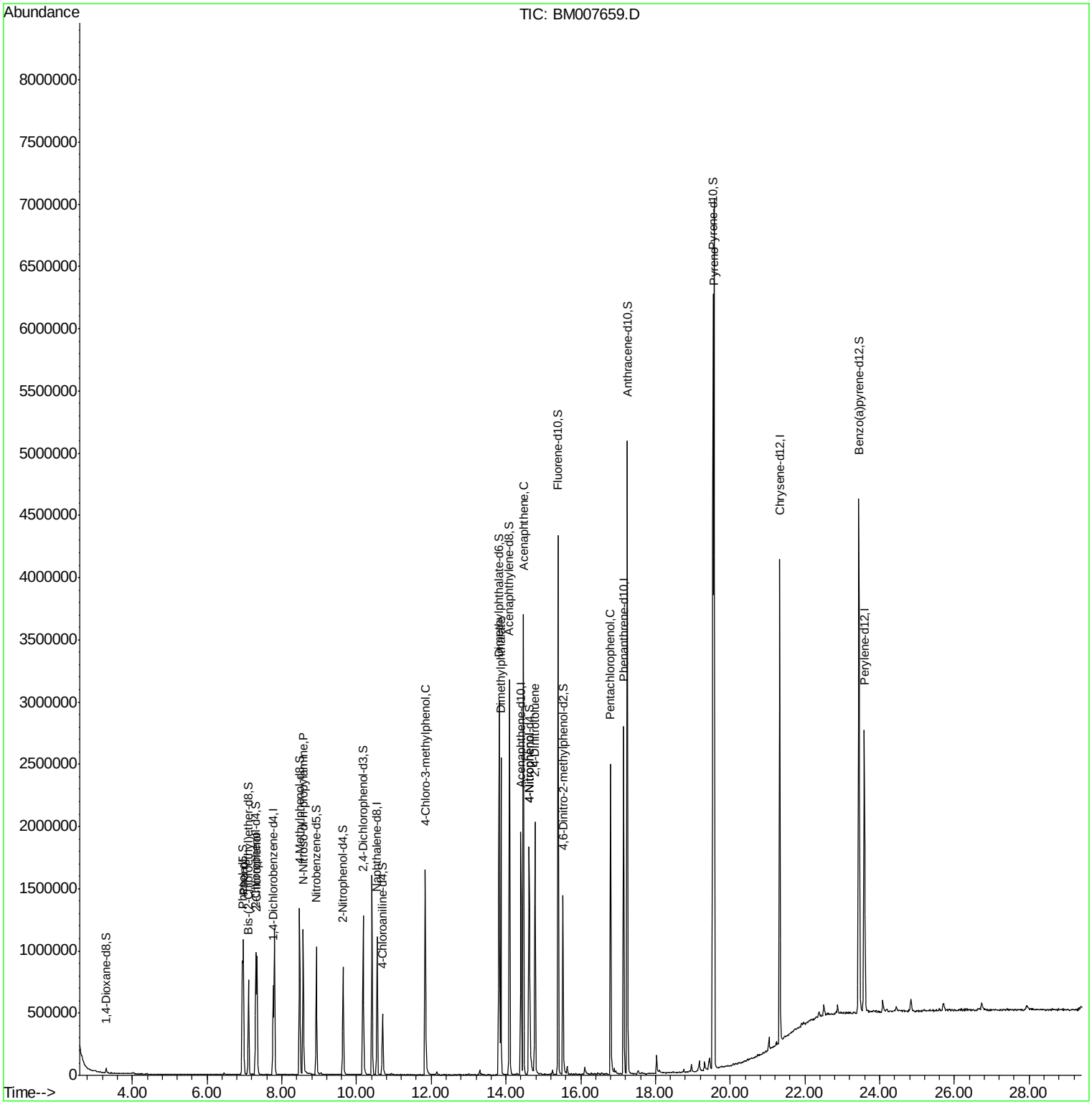
(#) = qualifier out of range (m) = manual integration (+) = signals summed

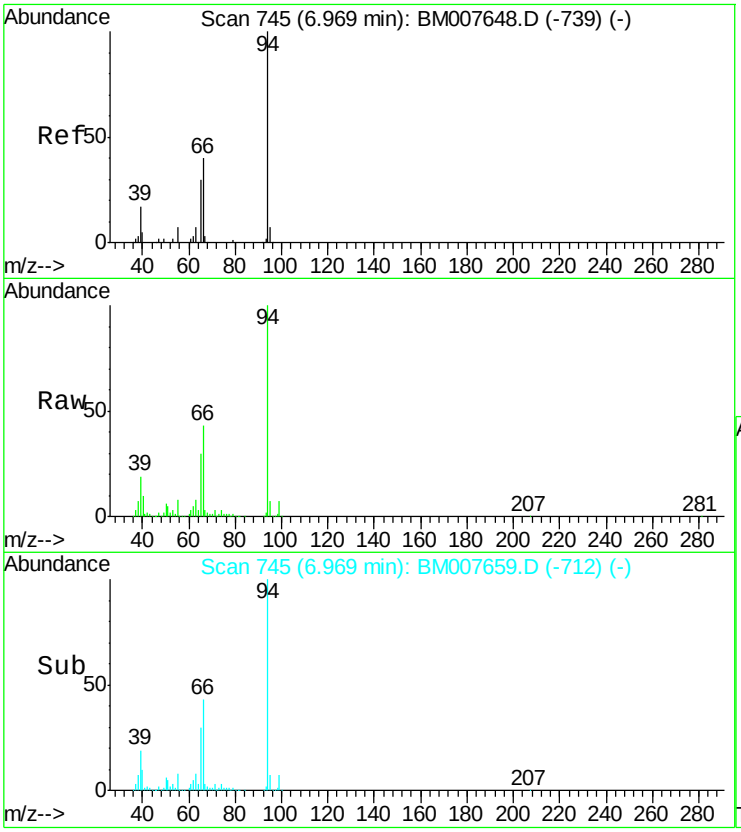
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100416\
Data File : BM007659.D
Acq On : 04 Oct 2016 16:59
Operator : UM/SJ
Sample : H5033-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H1A02MS

Quant Time: Oct 04 18:47:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 04 13:03:57 2016
Response via : Initial Calibration



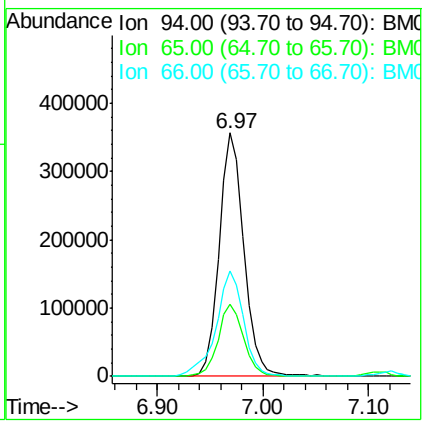


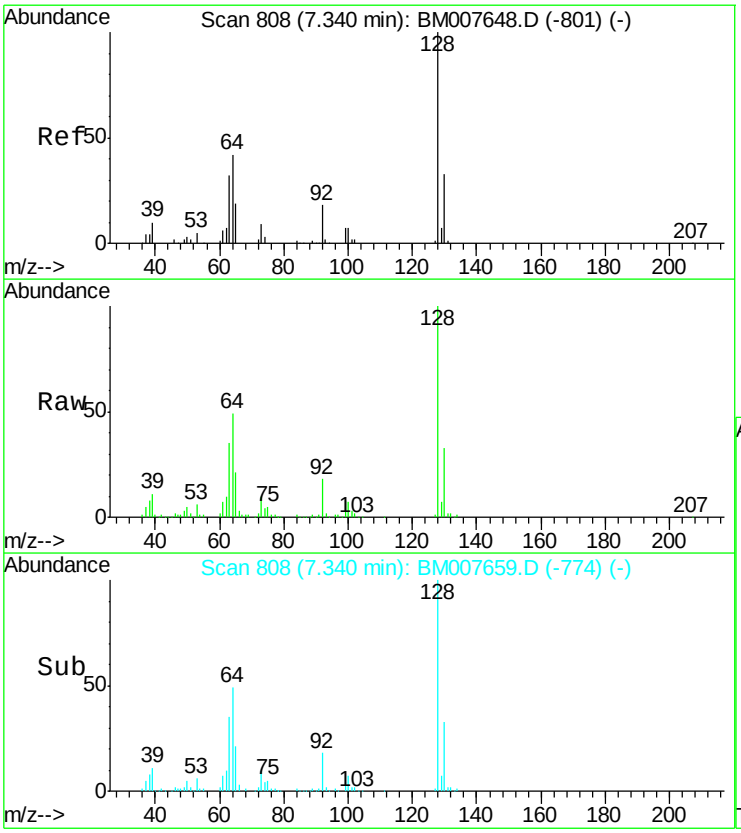
#6
Phenol
Concen: 35.04 ng/ul
RT: 6.97 min Scan# 745
Delta R.T. -0.01 min
Lab File: BM007659.D
Acq: 04 Oct 2016 16:59

Instrument :
BNA_M
ClientSampleId :
H1A02MS

Tgt Ion: 94 Resp: 580160

Ion	Ratio	Lower	Upper
94	100		
65	29.8	23.9	35.9
66	43.3	33.5	50.3

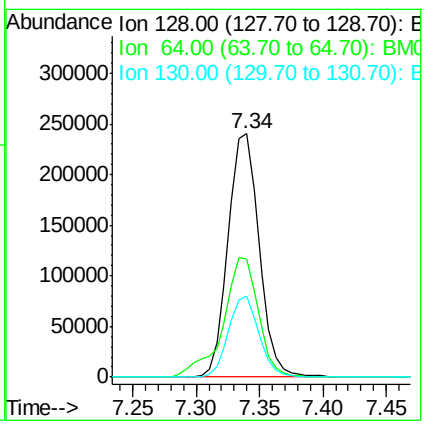


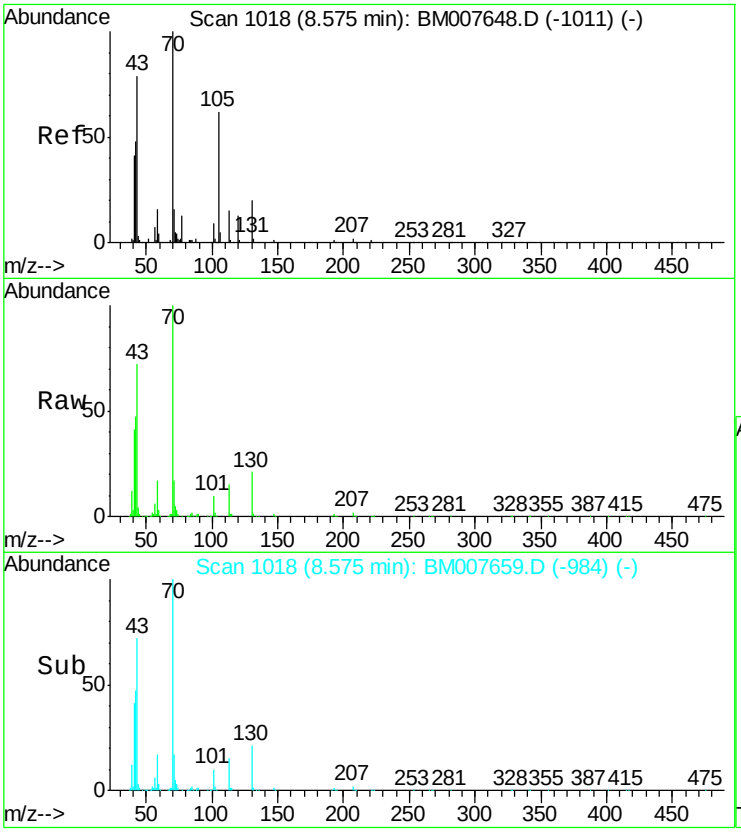


#10
2-Chlorophenol
Concen: 34.39 ng/ul
RT: 7.34 min Scan# 808
Delta R.T. 0.00 min
Lab File: BM007659.D
Acq: 04 Oct 2016 16:59

Tgt Ion:128 Resp: 408608

Ion	Ratio	Lower	Upper
128	100		
64	48.7	37.5	56.3
130	33.0	25.0	37.4



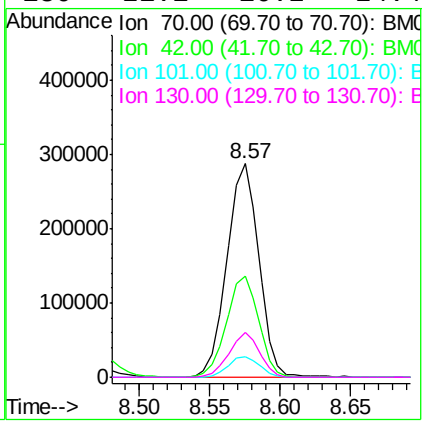


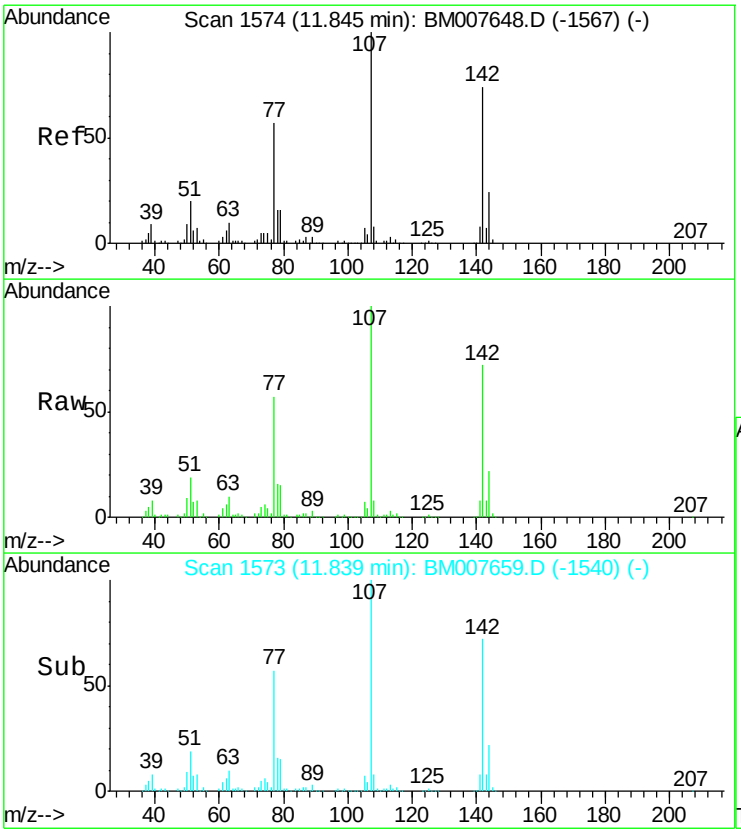
#15
N-Nitroso-di-n-propylamine
Concen: 41.93 ng/ul
RT: 8.57 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BM007659.D
Acq: 04 Oct 2016 16:59

Instrument :
BNA_M
ClientSampleId :
H1A02MS

Tgt Ion: 70 Resp: 451486

Ion	Ratio	Lower	Upper
70	100		
42	47.3	43.4	65.2
101	9.7	7.8	11.6
130	21.1	16.2	24.4

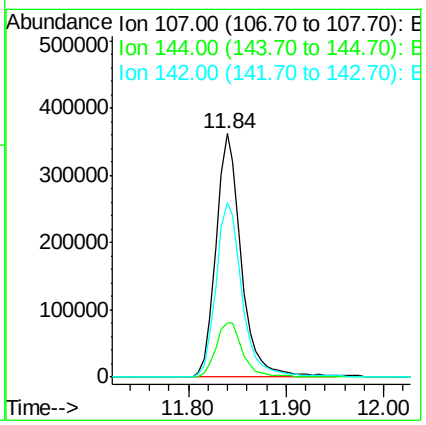


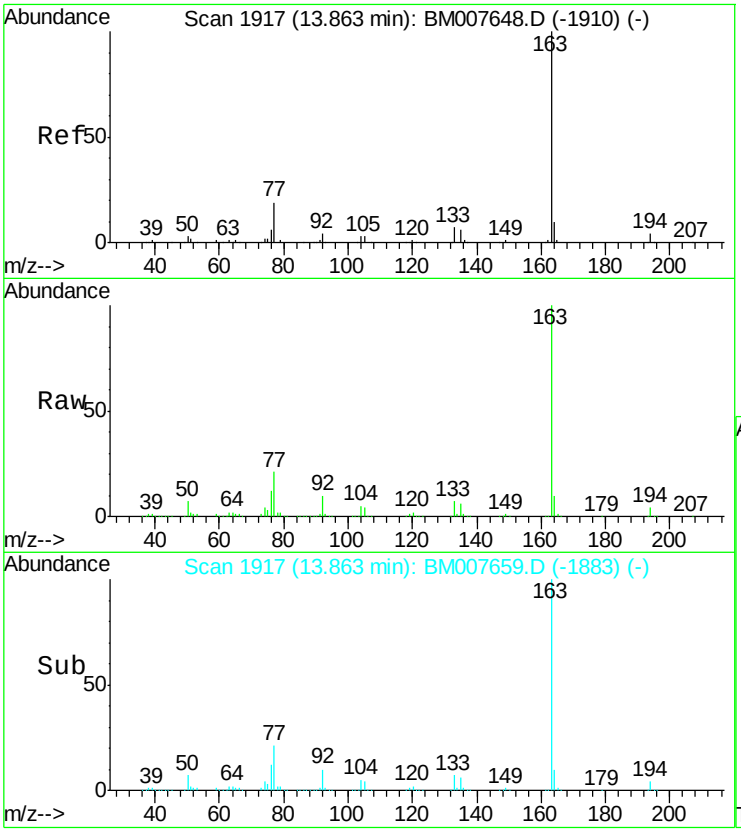


#33
4-Chloro-3-methylphenol
Concen: 37.60 ng/ul
RT: 11.84 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BM007659.D
Acq: 04 Oct 2016 16:59

Tgt Ion:107 Resp: 650720

Ion	Ratio	Lower	Upper
107	100		
144	22.1	21.1	31.7
142	71.5	64.1	96.1



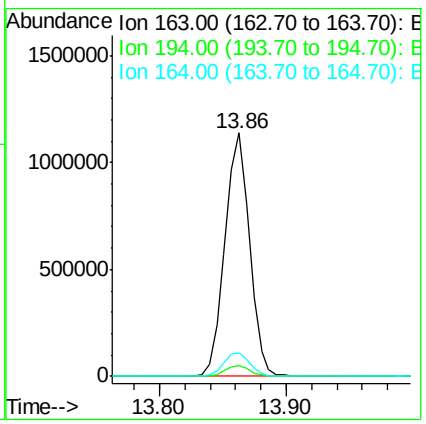


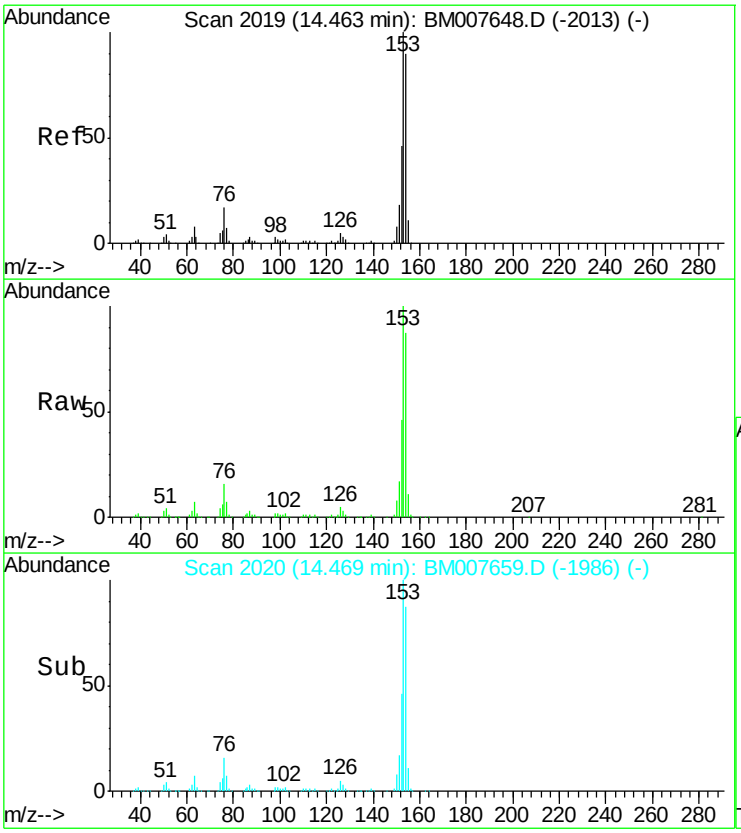
#44
Dimethylphthalate
Concen: 30.68 ng/ul
RT: 13.86 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM007659.D
Acq: 04 Oct 2016 16:59

Instrument :
BNA_M
ClientSampleId :
H1A02MS

Tgt Ion:163 Resp: 1530487

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.7	7.8	11.8

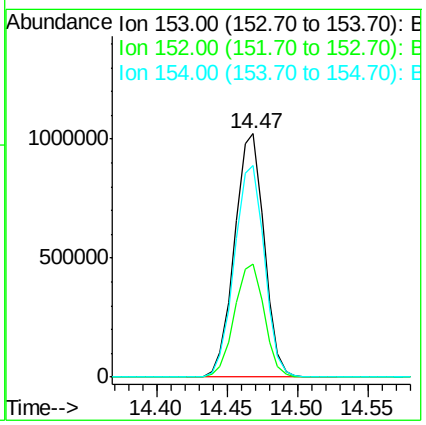


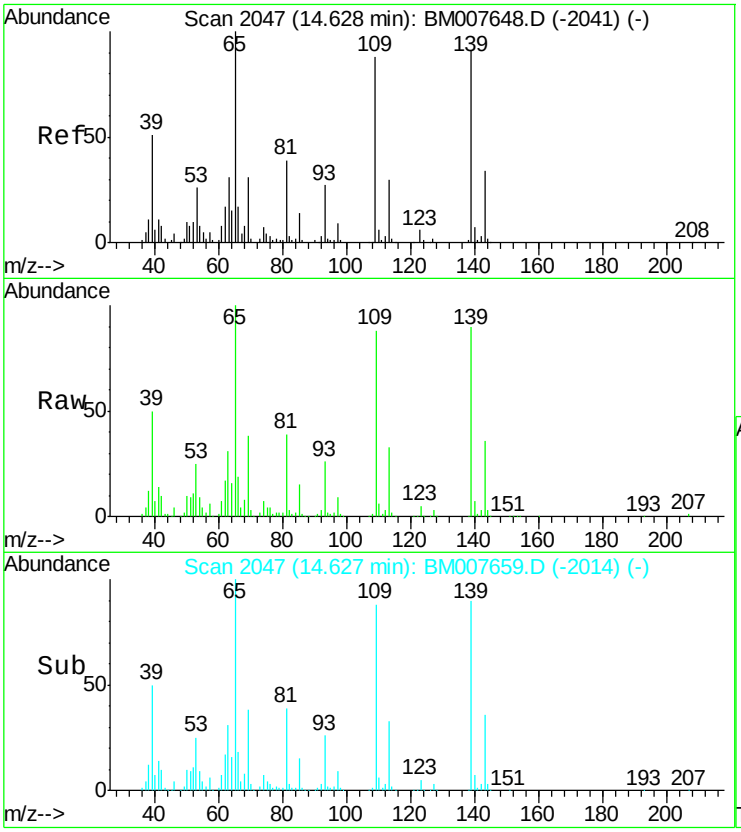


#49
Acenaphthene
Concen: 36.90 ng/ul
RT: 14.47 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BM007659.D
Acq: 04 Oct 2016 16:59

Tgt Ion:153 Resp: 1503459

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.8	56.6
154	87.2	71.4	107.0



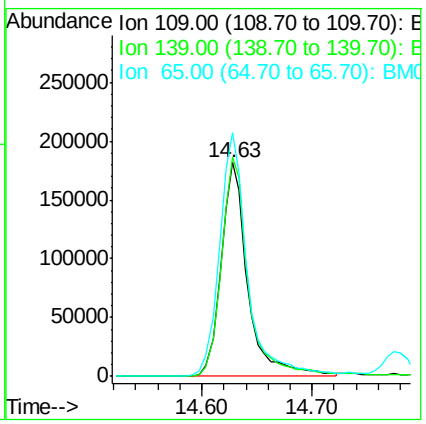


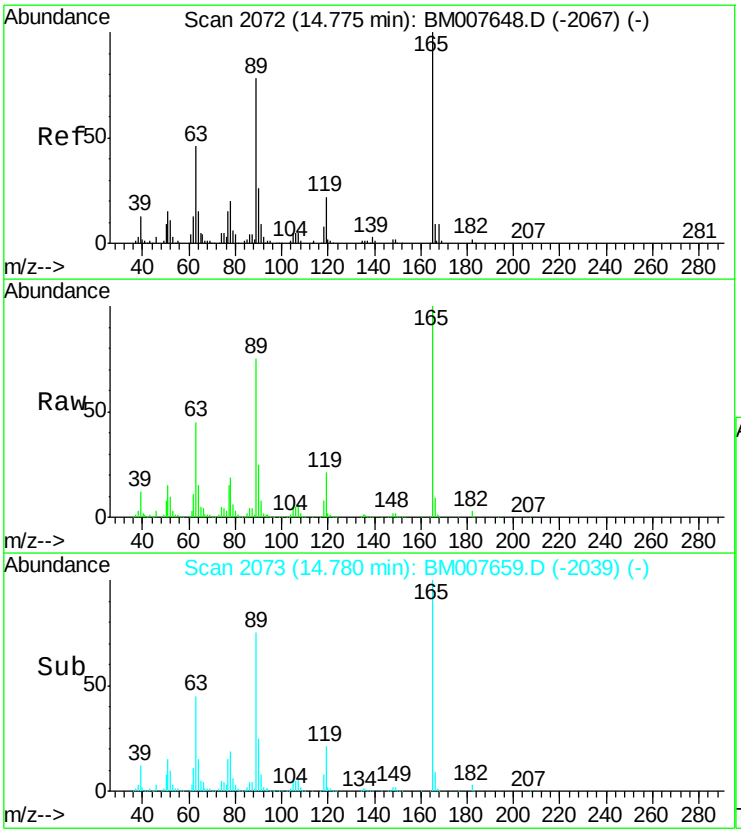
#52
4-Nitrophenol
Concen: 32.39 ng/ul
RT: 14.63 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BM007659.D
Acq: 04 Oct 2016 16:59

Instrument :
BNA_M
ClientSampleId :
H1A02MS

Tgt Ion:109 Resp: 306152

Ion	Ratio	Lower	Upper
109	100		
139	102.6	88.7	133.1
65	113.8	96.4	144.6

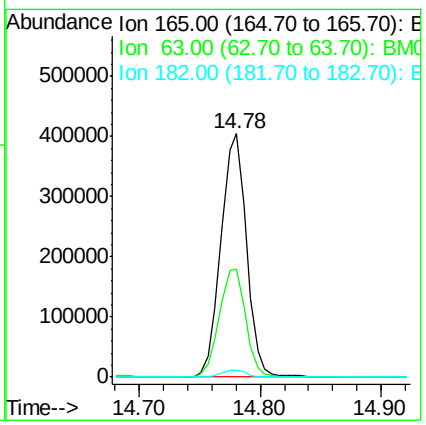


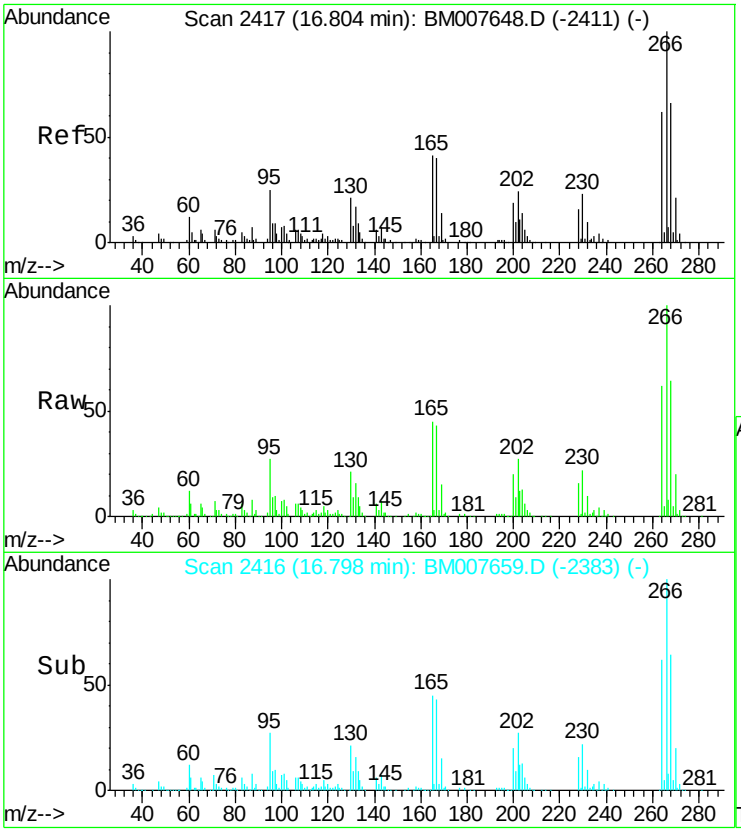


#54
2,4-Dinitrotoluene
Concen: 38.98 ng/ul
RT: 14.78 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BM007659.D
Acq: 04 Oct 2016 16:59

Tgt Ion:165 Resp: 594975

Ion	Ratio	Lower	Upper
165	100		
63	44.6	36.2	54.2
182	2.8	2.2	3.4



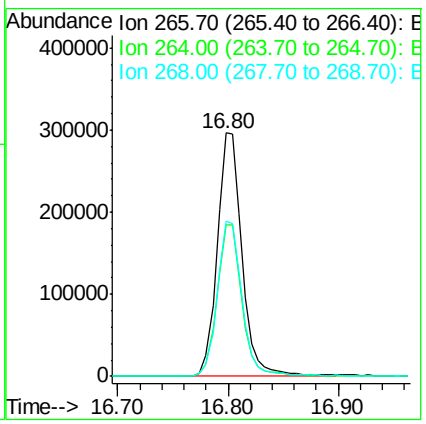


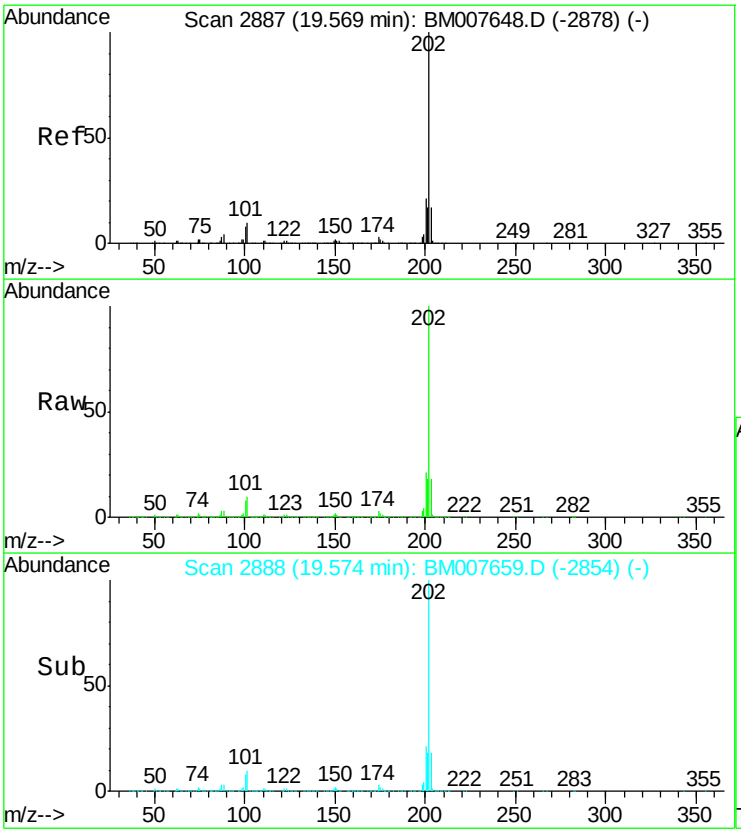
#68
Pentachlorophenol
Concen: 37.17 ng/ul
RT: 16.80 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM007659.D
Acq: 04 Oct 2016 16:59

Instrument :
BNA_M
ClientSampleId :
H1A02MS

Tgt Ion:266 Resp: 463985

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.6	75.8
268	63.7	51.0	76.6





#77
Pyrene
Concen: 43.60 ng/ul
RT: 19.57 min Scan# 2888
Delta R.T. 0.00 min
Lab File: BM007659.D
Acq: 04 Oct 2016 16:59

Tgt Ion:202 Resp: 4340821

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.4	12.6
100	8.1	6.9	10.3