Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009251.D
Acq On : 14 Mar 2017 12:22
Operator : SJ/MA
Sample : I2235-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK7

Quant Time: Mar 15 01:52:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 01:51:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	124541	20.00	ng/ul	0.08
18) Naphthalene-d8	10.69	136	959544	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.52	164	617194	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1585262	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	2200980	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	2061220	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	23531	8.32	ng/uL	0.00
5) Phenol-d5	7.04	99	116618	8.66	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.25	67	222301	25.33	ng/ul	0.04
9) 2-Chlorophenol-d4	7.43	132	319254	38.78	ng/ul	0.02
13) 4-Methylphenol-d8	8.59	113	229176	21.32	ng/ul	0.02
19) Nitrobenzene-d5	9.06	128	228525	33.35	ng/ul	0.02
22) 2-Nitrophenol-d4	9.77	143	255897	33.65	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.30	165	444056	27.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	25036	1.29	ng/ul	0.01
43) Dimethylphthalate-d6	13.93	166	1705734	36.39	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	2025503	37.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	56576	6.08	ng/ul	0.00
57) Fluorene-d10	15.51	176	1517946	36.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	284273	29.97	ng/ul	0.00
70) Anthracene-d10	17.36	188	2542788	33.89	ng/ul	0.00
78) Pyrene-d10	19.66	212	3147123	35.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	3228718	34.24	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.07	94	43994	3.06	ng/ul#	76
10) 2-Chlorophenol	7.46	128	89819	10.58	ng/ul#	73
11) 2-Methylphenol	8.37	108	1639839	157.33	ng/ul	87
20) Nitrobenzene	9.10	77	384655	16.83	ng/ul#	80
23) 2-Nitrophenol	9.80	139	10691	1.29	ng/ul#	86
27) 2,4-Dichlorophenol	10.37	162	137954	8.58	ng/ul#	92
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	117556	6.33	ng/ul#	92
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	167155	8.98	ng/uL	99

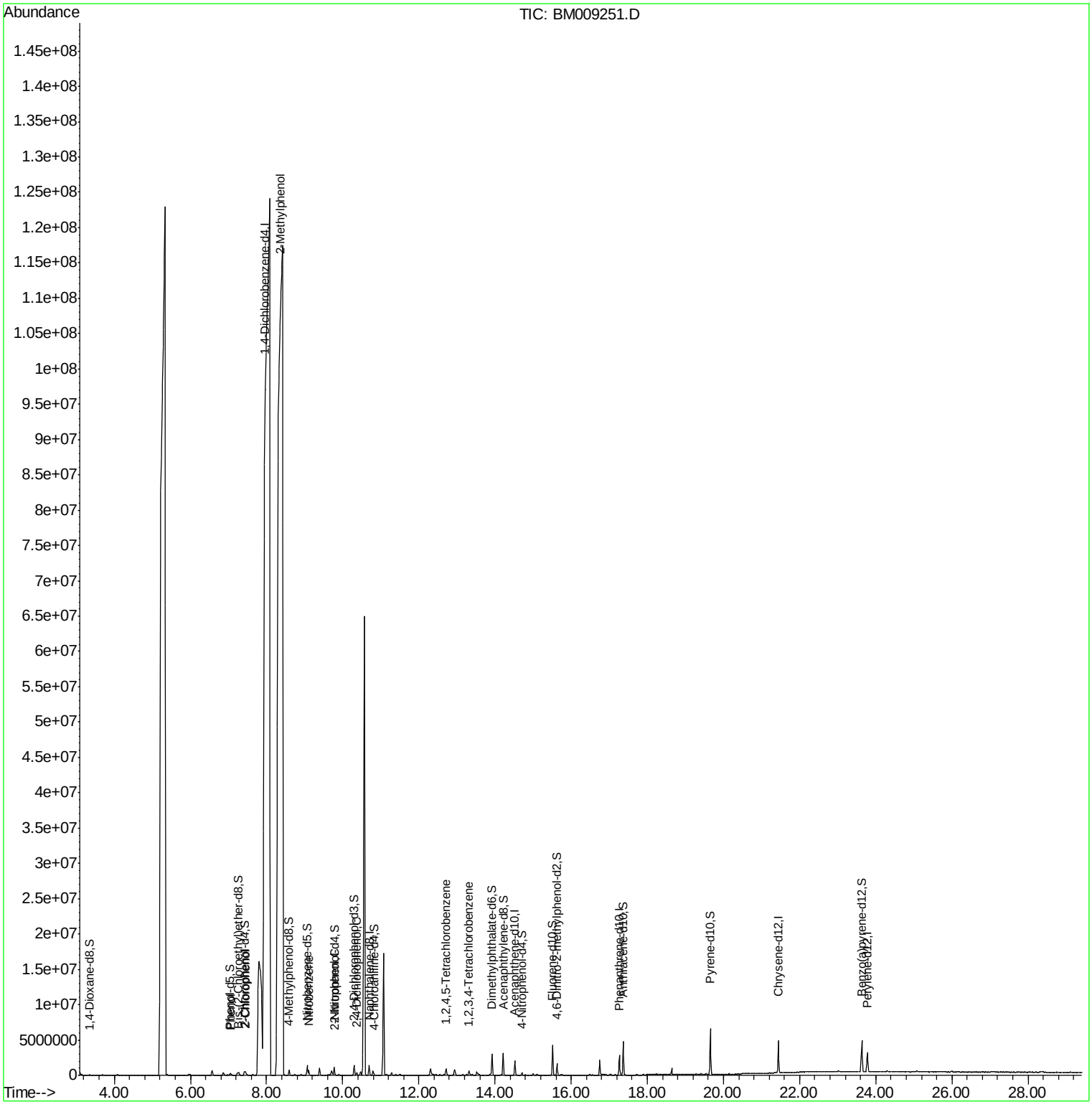
(#) = qualifier out of range (m) = manual integration (+) = signals summed

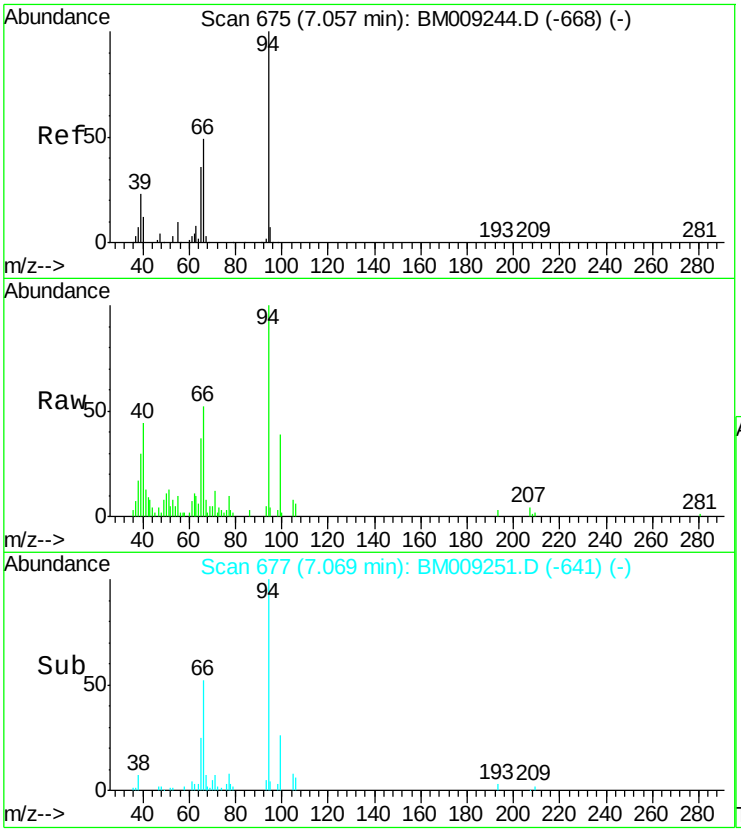
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009251.D
Acq On : 14 Mar 2017 12:22
Operator : SJ/MA
Sample : I2235-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BK7

Quant Time: Mar 15 01:52:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 01:51:24 2017
Response via : Initial Calibration



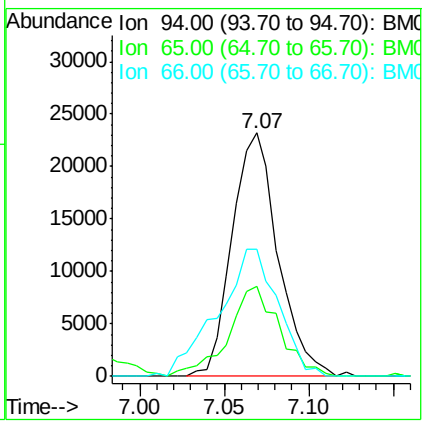


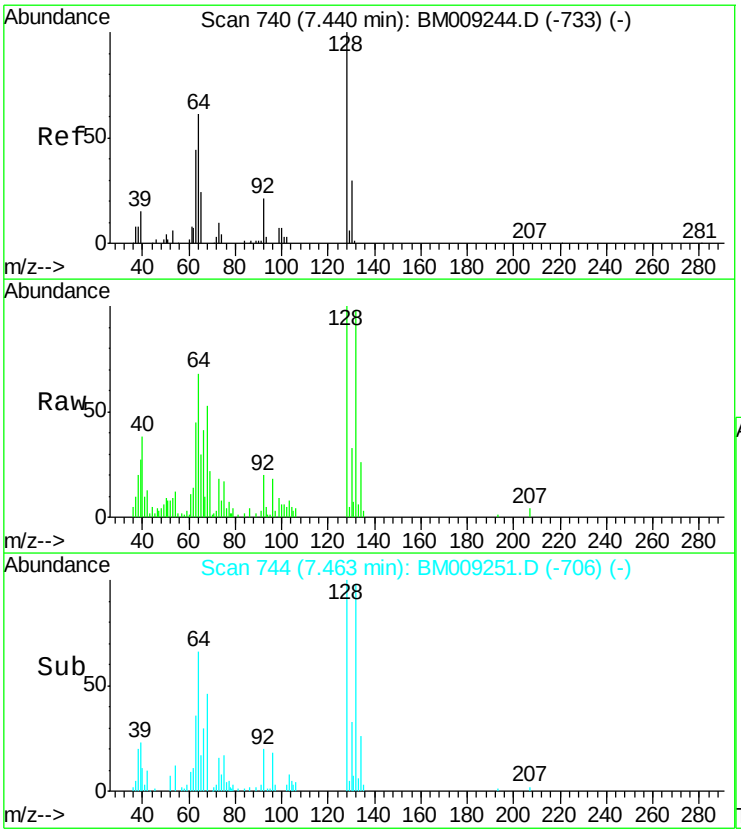
#6
Phenol
Concen: 3.06 ng/ul
RT: 7.07 min Scan# 677
Delta R.T. 0.01 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Instrument :
BNA_M
ClientSampleId :
C0BK7

Tgt Ion: 94 Resp: 43994

Ion	Ratio	Lower	Upper
94	100		
65	36.8	21.0	31.6#
66	52.0	29.3	43.9#

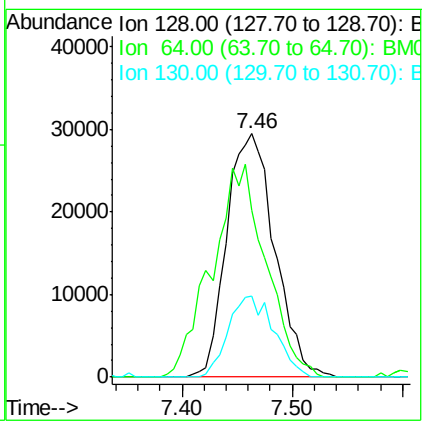


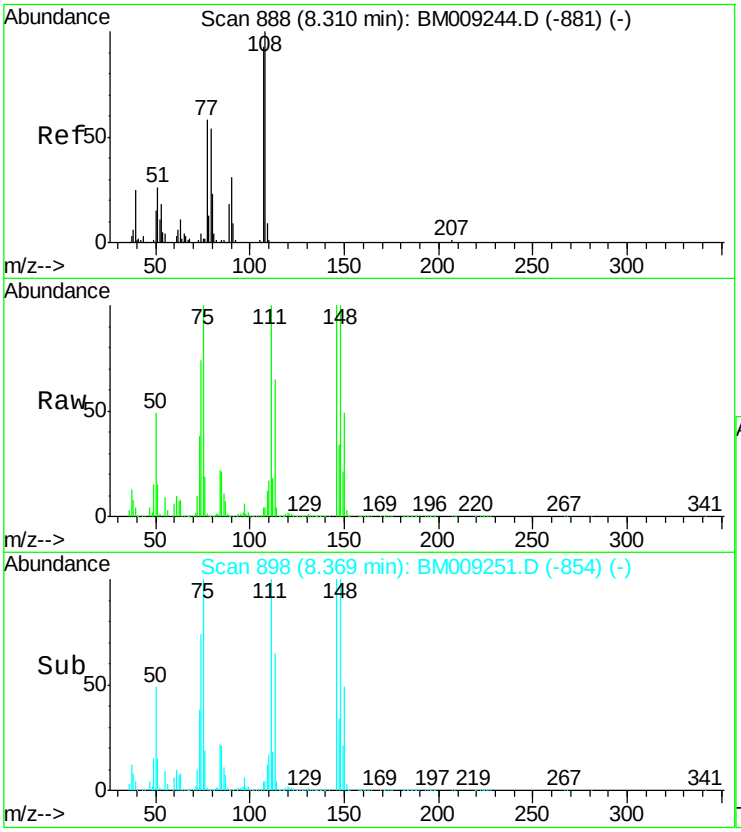


#10
2-Chlorophenol
Concen: 10.58 ng/ul
RT: 7.46 min Scan# 744
Delta R.T. 0.02 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Tgt Ion:128 Resp: 89819

Ion	Ratio	Lower	Upper
128	100		
64	68.5	31.9	47.9#
130	33.4	25.6	38.4



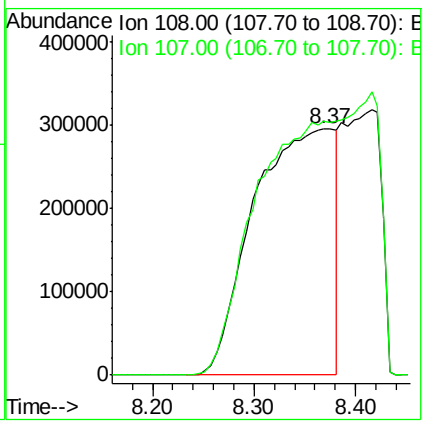


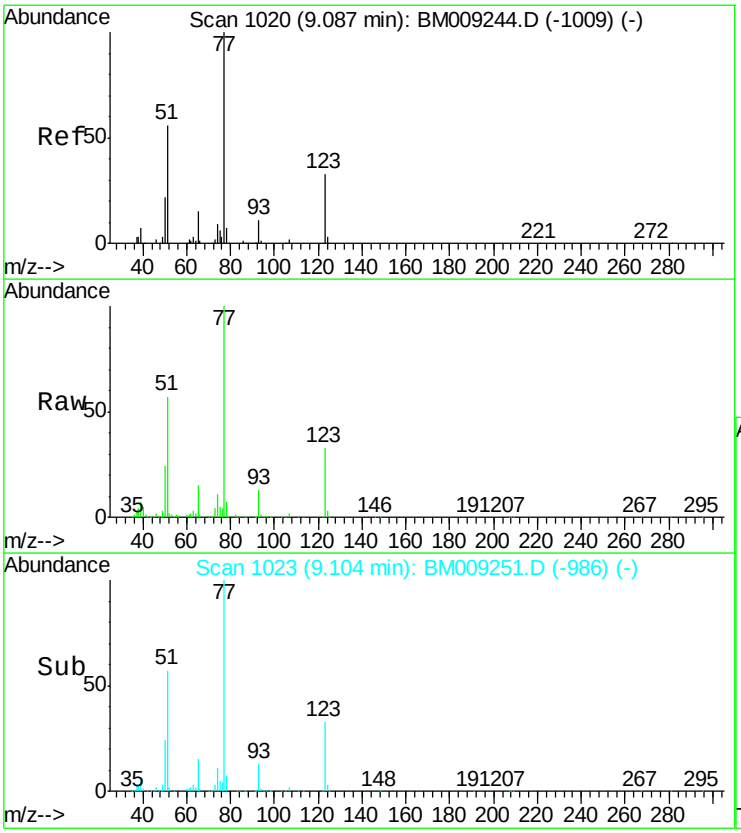
#11
2-Methylphenol
Concen: 157.33 ng/ul
RT: 8.37 min Scan# 898
Delta R.T. 0.06 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Instrument :
BNA_M
ClientSampleId :
C0BK7

Tgt Ion:108 Resp: 1639839

Ion	Ratio	Lower	Upper
108	100		
107	102.8	72.4	108.6

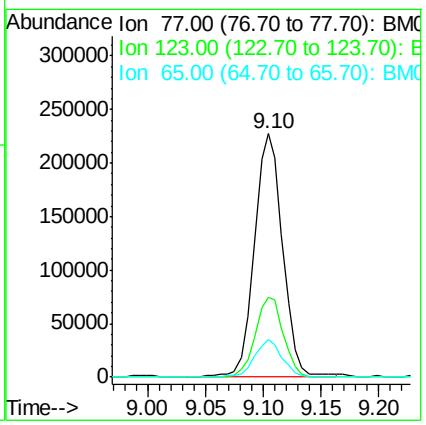


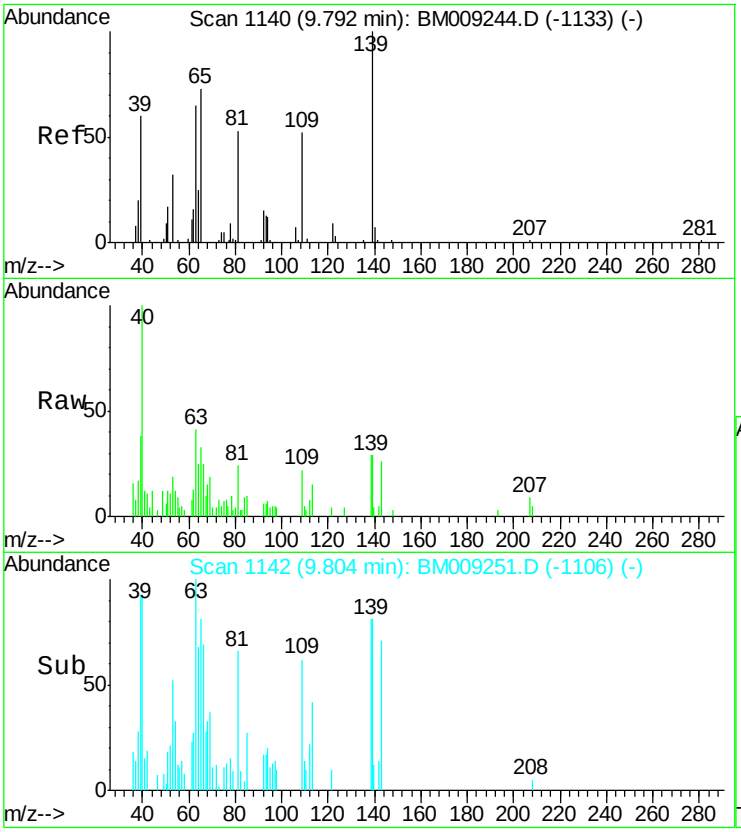


#20
Nitrobenzene
Concen: 16.83 ng/ul
RT: 9.10 min Scan# 1023
Delta R.T. 0.02 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Tgt Ion: 77 Resp: 384655

Ion	Ratio	Lower	Upper
77	100		
123	32.9	39.0	58.4#
65	15.3	10.4	15.6



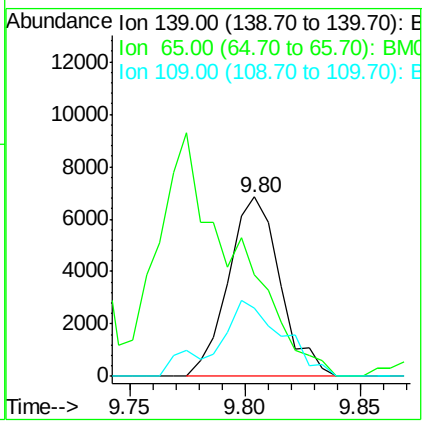


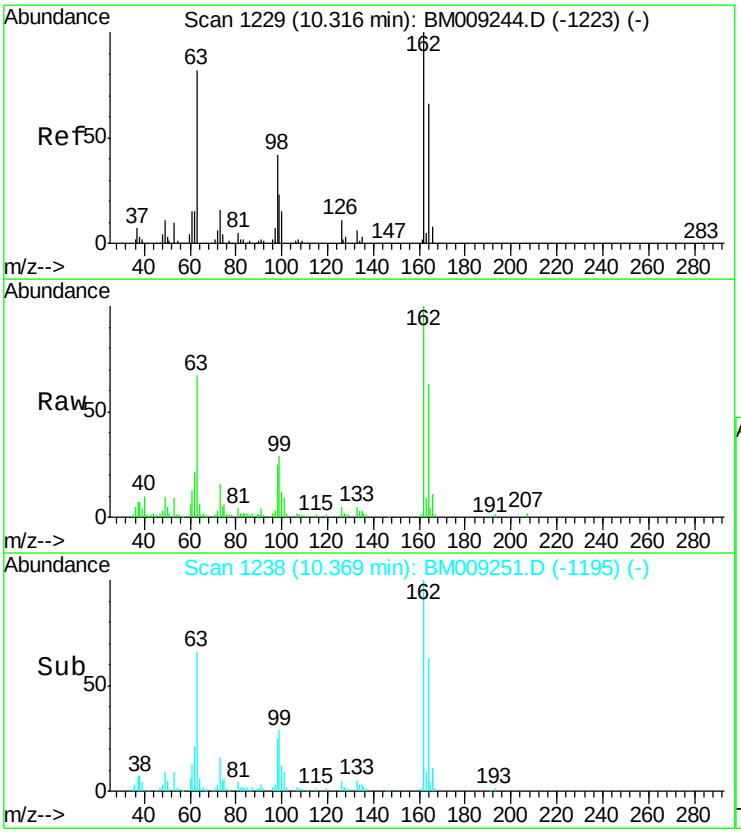
#23
2-Nitrophenol
Concen: 1.29 ng/ul
RT: 9.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Instrument :
BNA_M
ClientSampleId :
C0BK7

Tgt Ion:139 Resp: 10691

Ion	Ratio	Lower	Upper
139	100		
65	56.9	36.3	54.5#
109	38.2	26.4	39.6

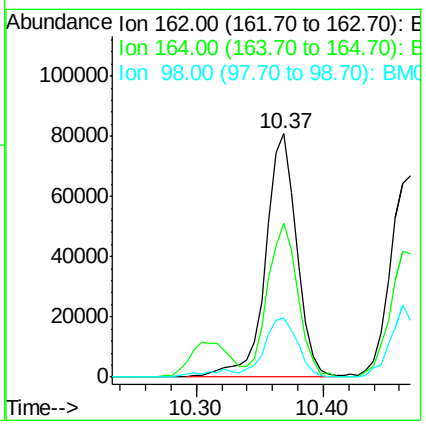


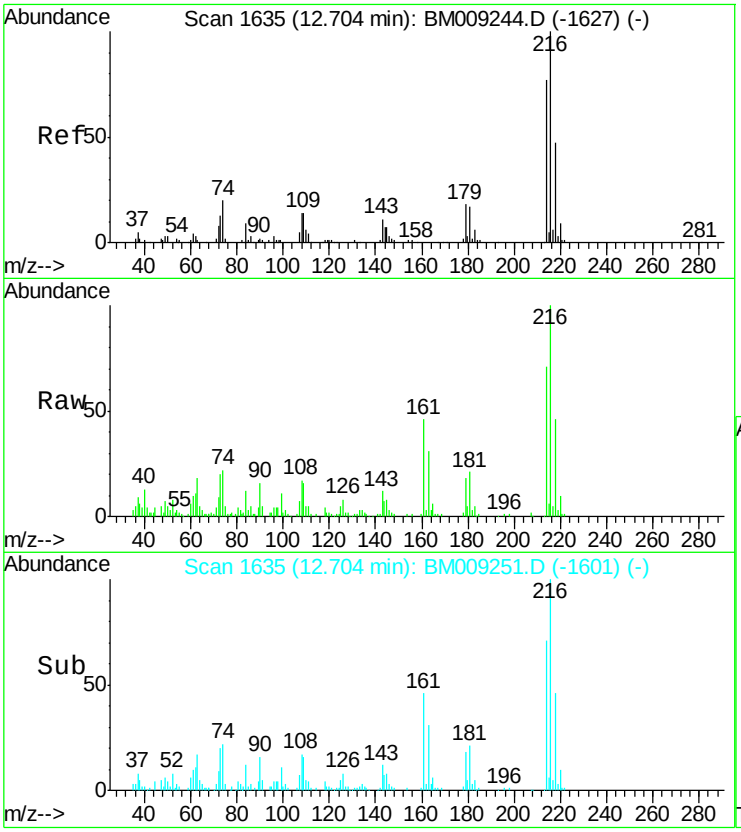


#27
2,4-Dichlorophenol
Concen: 8.58 ng/ul
RT: 10.37 min Scan# 1238
Delta R.T. 0.05 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Tgt Ion:162 Resp: 137954

Ion	Ratio	Lower	Upper
162	100		
164	63.0	52.1	78.1
98	24.5	28.4	42.6#



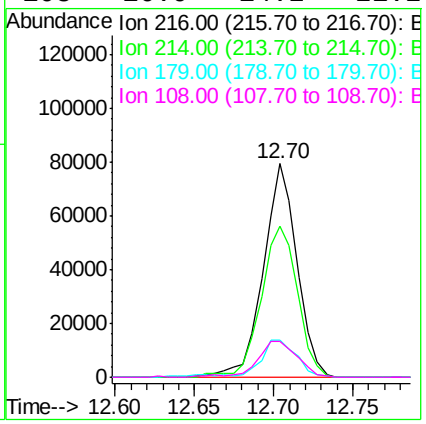


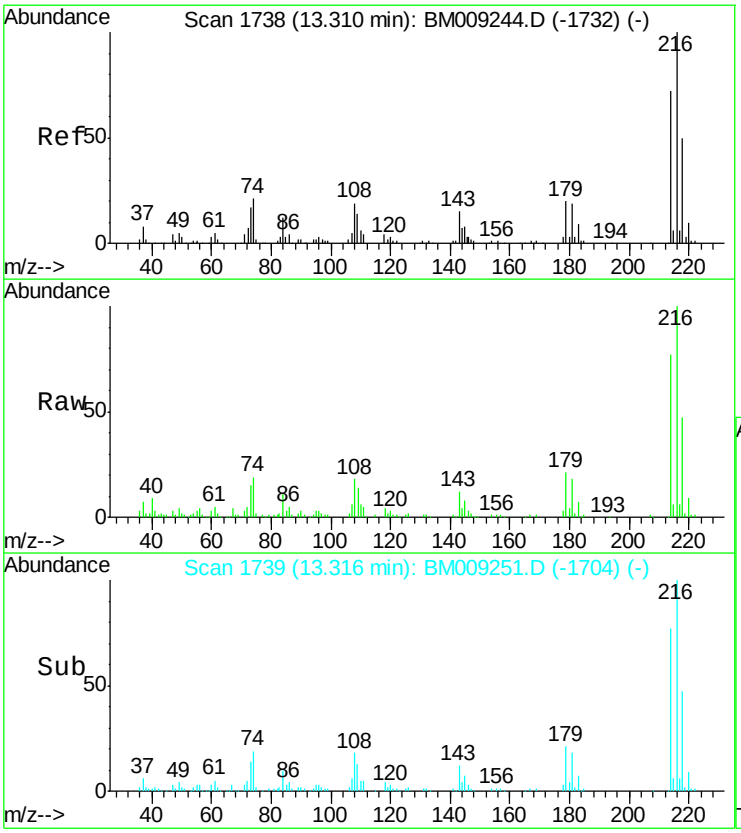
#36
1,2,4,5-Tetrachlorobenzene
Concen: 6.33 ng/ul
RT: 12.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Instrument :
BNA_M
ClientSampleId :
C0BK7

Tgt Ion:216 Resp: 117556

Ion	Ratio	Lower	Upper
216	100		
214	71.0	62.5	93.7
179	17.5	18.2	27.2#
108	16.9	14.2	21.2





#72
1,2,3,4-Tetrachlorobenzene
Concen: 8.98 ng/uL
RT: 13.32 min Scan# 1739
Delta R.T. 0.01 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Tgt Ion:216 Resp: 167155

Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.5	93.7
218	47.3	38.4	57.6