Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\
Data File : BM009260.D
Acq On : 15 Mar 2017 11:32
Operator : SJ/MA
Sample : I2235-02RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BK7RE

Quant Time: Mar 16 01:18:29 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 01:18:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	183127	20.00	ng/ul	0.08
18) Naphthalene-d8	10.69	136	579448	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.52	164	363392	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	1582481	20.00	ng/ul	0.10
77) Chrysene-d12	21.44	240	1437371	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1464331	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	2060	0.50	ng/uL	0.05
5) Phenol-d5	7.04	99	76672	3.87	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.24	67	266939	20.69	ng/ul	0.04
9) 2-Chlorophenol-d4	7.42	132	210818	17.41	ng/ul	0.02
13) 4-Methylphenol-d8	8.59	113	149010	9.43	ng/ul	0.01
19) Nitrobenzene-d5	9.06	128	136629	33.02	ng/ul	0.01
22) 2-Nitrophenol-d4	9.77	143	146642	31.93	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.30	165	279610	28.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	16643	1.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	1044717	37.85	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	1230082	38.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	29792	5.44	ng/ul	0.00
57) Fluorene-d10	15.51	176	919998	37.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	162238	17.14	ng/ul	0.00
70) Anthracene-d10	17.36	188	1582481	21.13	ng/ul	0.00
78) Pyrene-d10	19.66	212	2027602	34.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2408916	35.96	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.07	94	28246	1.34	ng/ul#	70
10) 2-Chlorophenol	7.45	128	58823	4.71	ng/ul#	76
20) Nitrobenzene	9.10	77	231956	16.81	ng/ul#	82
23) 2-Nitrophenol	9.80	139	6068	1.21	ng/ul#	81
27) 2,4-Dichlorophenol	10.46	162	74596	7.68	ng/ul	97
30) 4-Chloroaniline	10.80	127	159965	12.90	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	74845	6.85	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	104666	5.63	ng/uL	97

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

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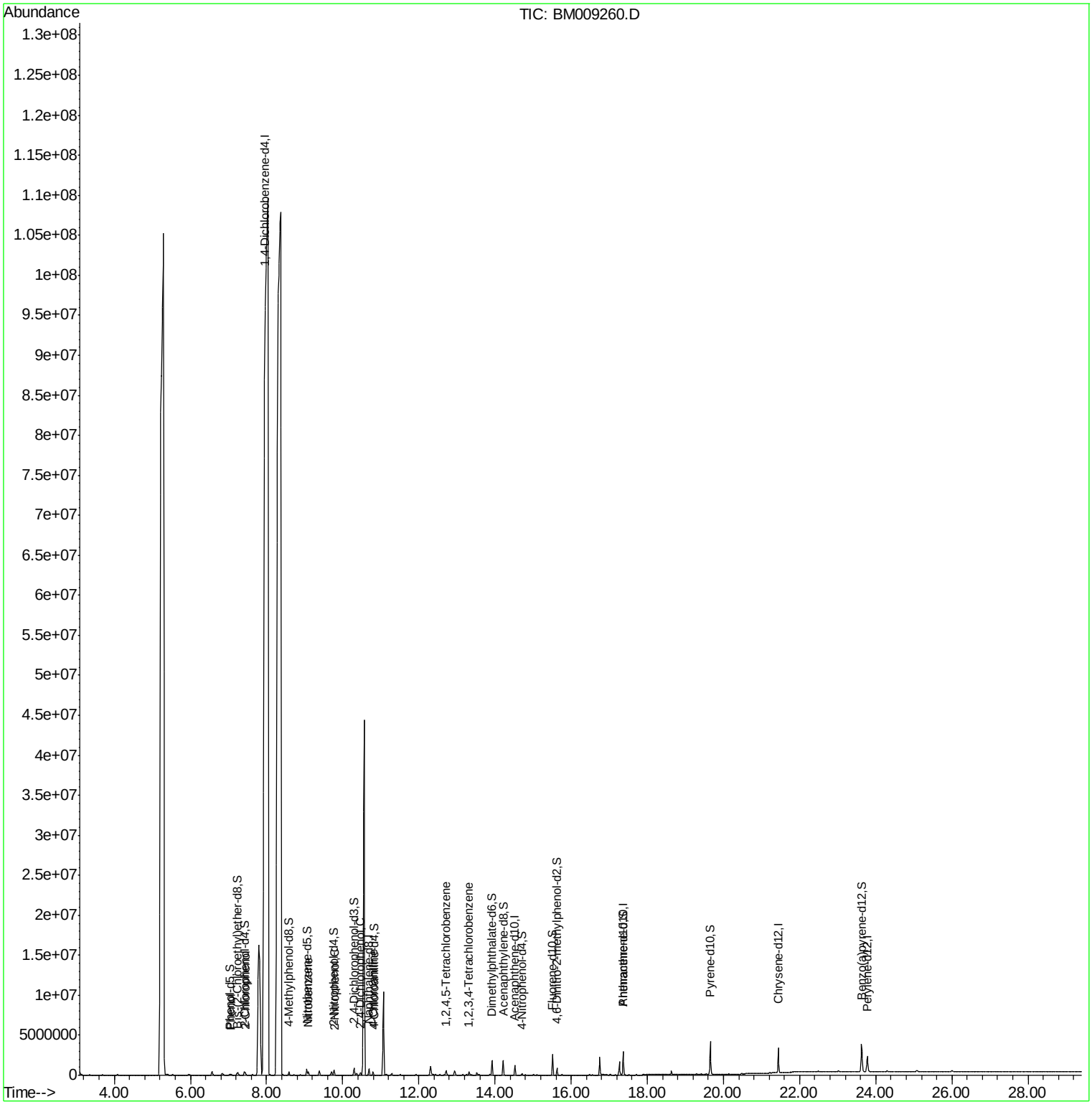
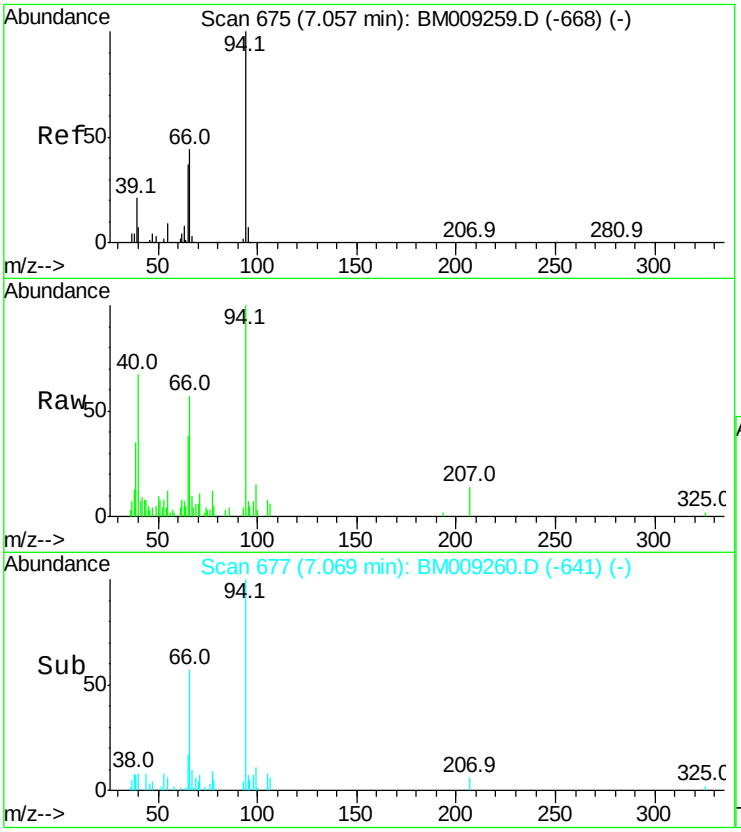


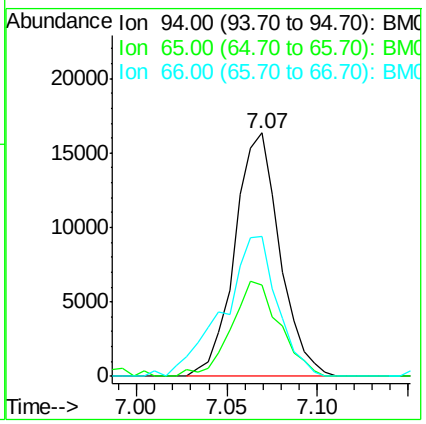


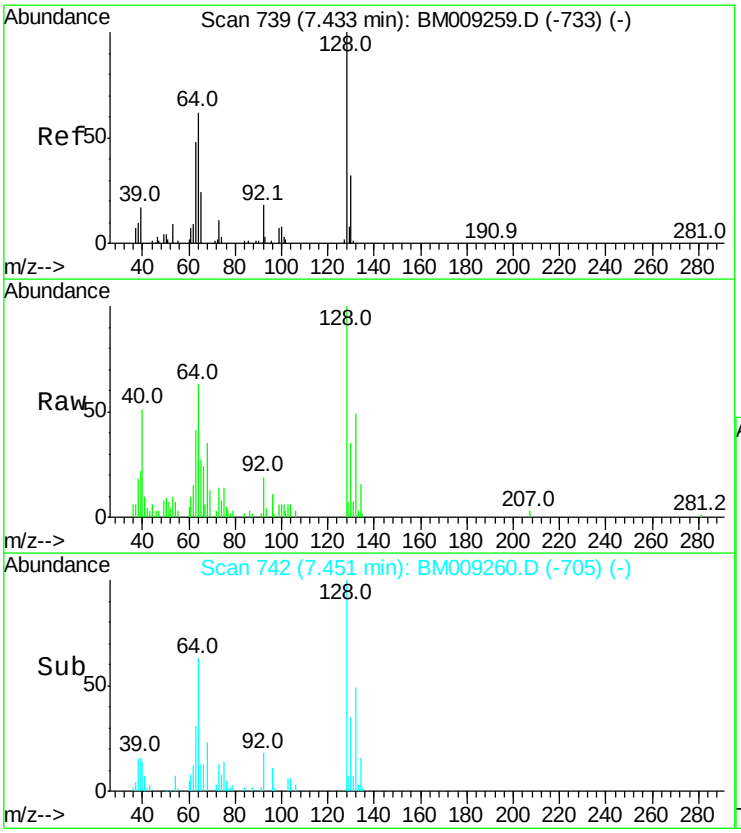
#6
Phenol
Concen: 1.34 ng/ul
RT: 7.07 min Scan# 677
Delta R.T. 0.01 min
Lab File: BM009260.D
Acq: 15 Mar 2017 11:32

Instrument :
BNA_M
ClientSampleId :
C0BK7RE

Tgt Ion: 94 Resp: 28246

Ion	Ratio	Lower	Upper
94	100		
65	37.6	21.0	31.6#
66	57.5	29.3	43.9#

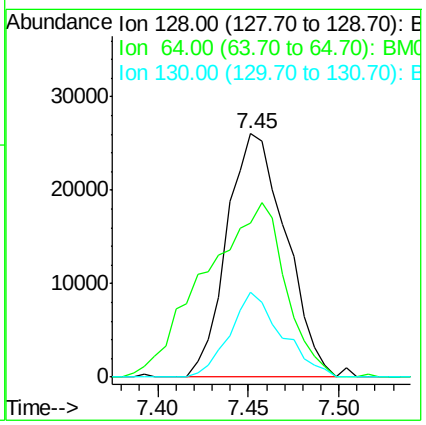


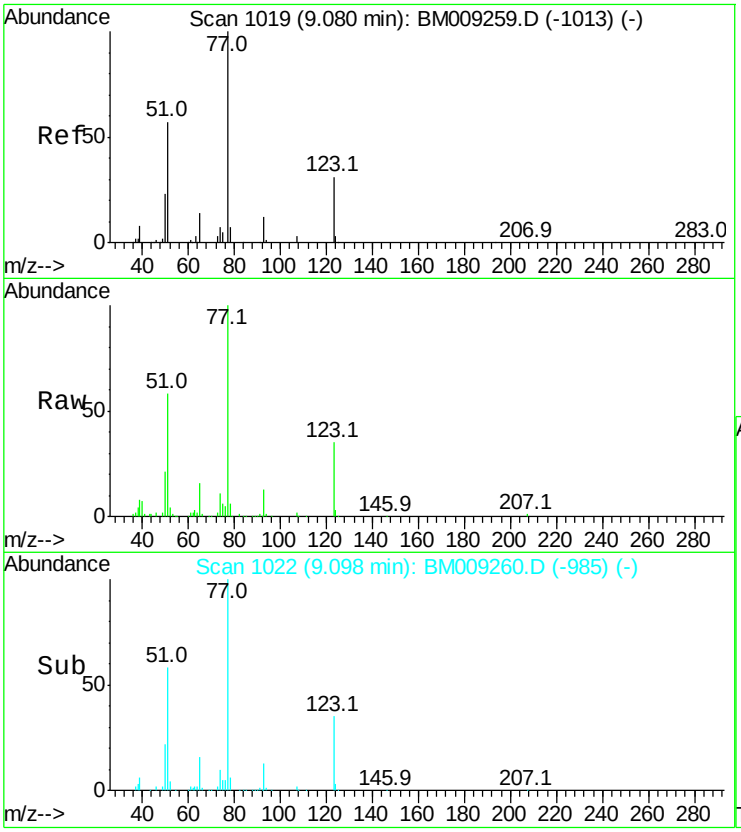


#10
2-Chlorophenol
Concen: 4.71 ng/ul
RT: 7.45 min Scan# 742
Delta R.T. 0.02 min
Lab File: BM009260.D
Acq: 15 Mar 2017 11:32

Tgt Ion:128 Resp: 58823

Ion	Ratio	Lower	Upper
128	100		
64	63.5	31.9	47.9#
130	35.1	25.6	38.4



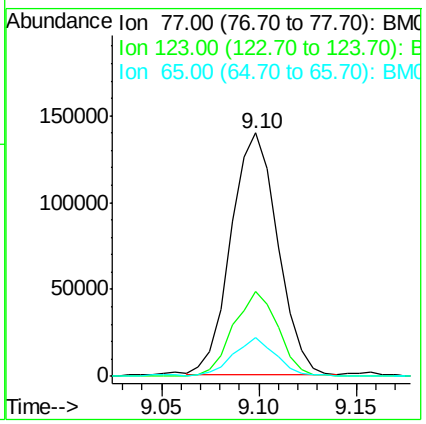


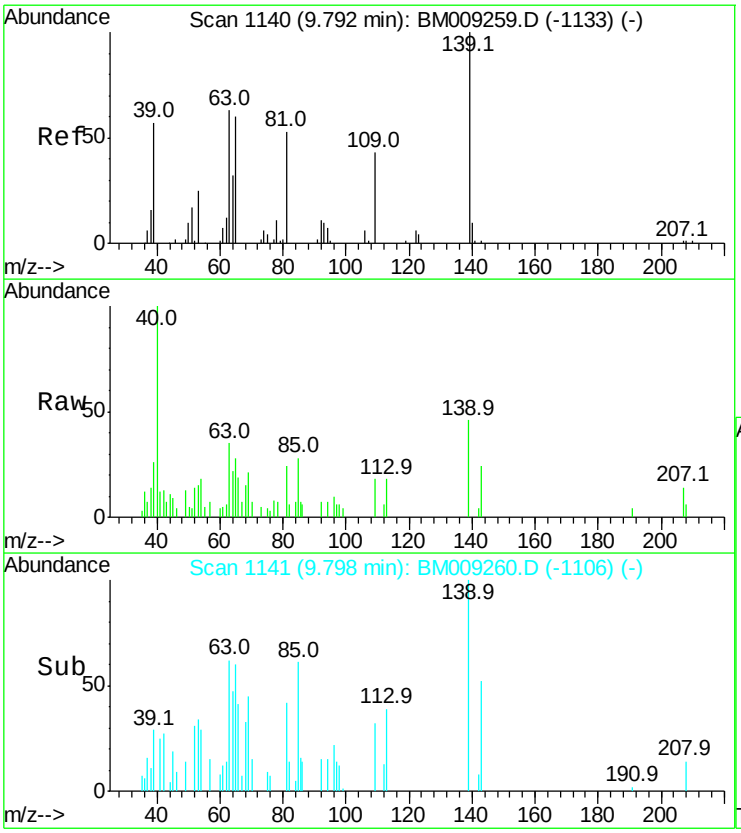
#20
Nitrobenzene
Concen: 16.81 ng/ul
RT: 9.10 min Scan# 1022
Delta R.T. 0.02 min
Lab File: BM009260.D
Acq: 15 Mar 2017 11:32

Instrument :
BNA_M
ClientSampleId :
C0BK7RE

Tgt Ion: 77 Resp: 231956

Ion	Ratio	Lower	Upper
77	100		
123	34.8	39.0	58.4#
65	16.2	10.4	15.6#

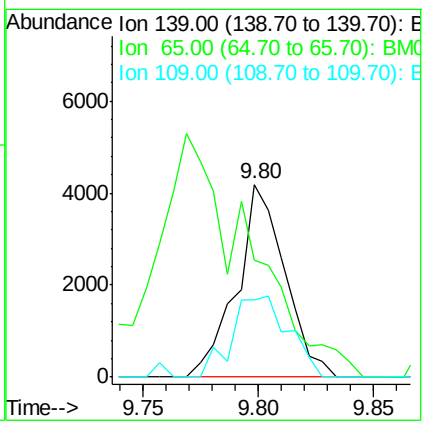


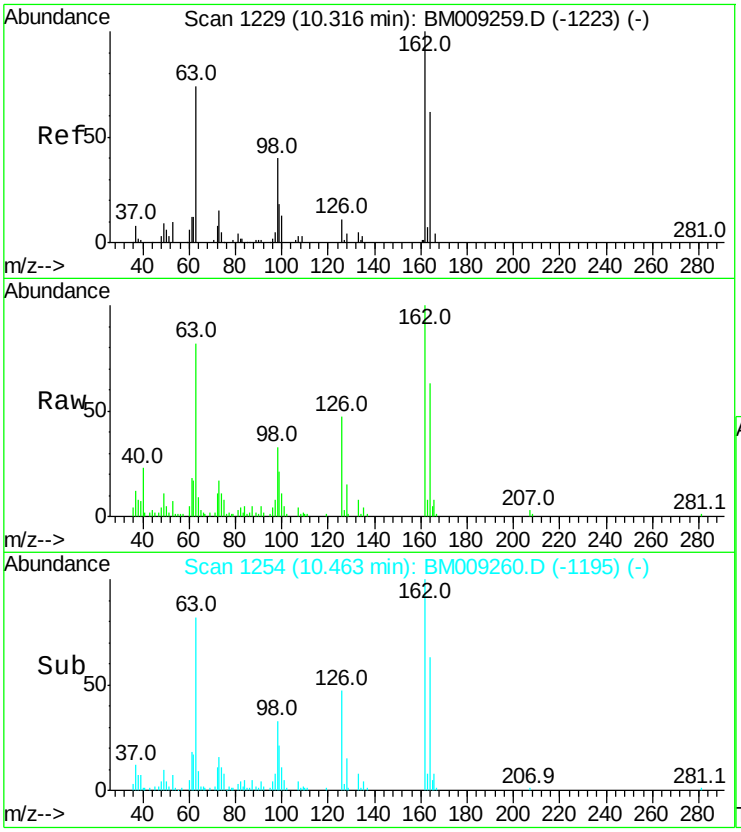


#23
2-Nitrophenol
Concen: 1.21 ng/ul
RT: 9.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BM009260.D
Acq: 15 Mar 2017 11:32

Tgt Ion:139 Resp: 6068

Ion	Ratio	Lower	Upper
139	100		
65	60.5	36.3	54.5#
109	40.3	26.4	39.6#



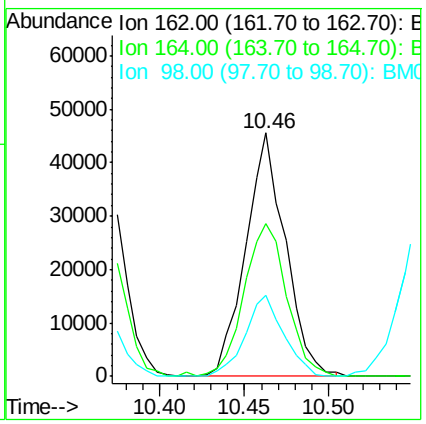


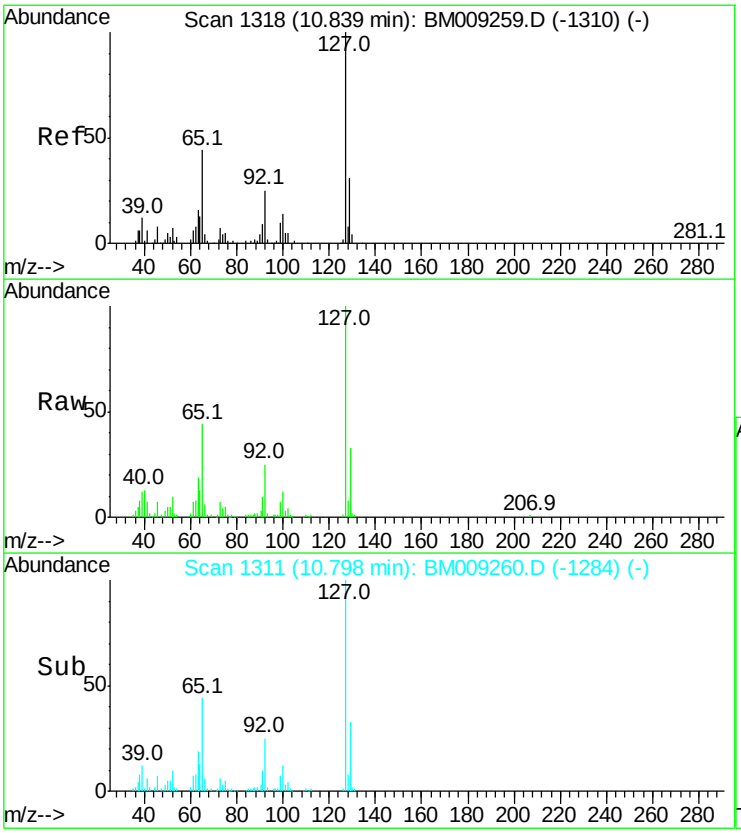
#27
2,4-Dichlorophenol
Concen: 7.68 ng/ul
RT: 10.46 min Scan# 1254
Delta R.T. 0.15 min
Lab File: BM009260.D
Acq: 15 Mar 2017 11:32

Instrument :
BNA_M
ClientSampleId :
C0BK7RE

Tgt Ion:162 Resp: 74596

Ion	Ratio	Lower	Upper
162	100		
164	62.9	52.1	78.1
98	33.2	28.4	42.6

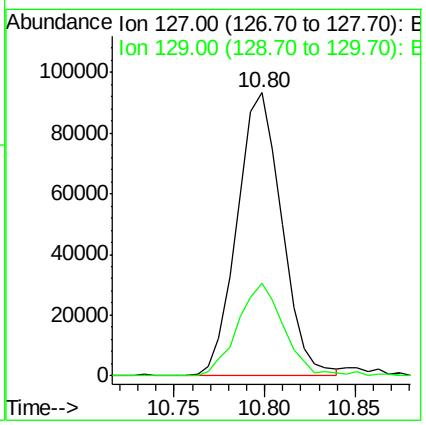


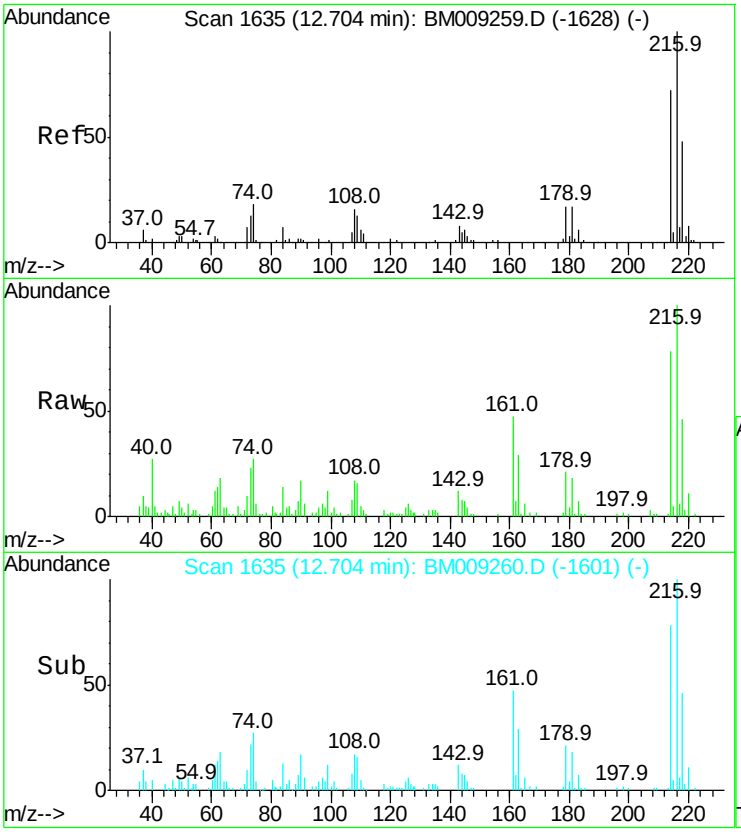


#30
4-Chloroaniline
Concen: 12.90 ng/ul
RT: 10.80 min Scan# 1311
Delta R.T. -0.04 min
Lab File: BM009260.D
Acq: 15 Mar 2017 11:32

Tgt Ion:127 Resp: 159965

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2



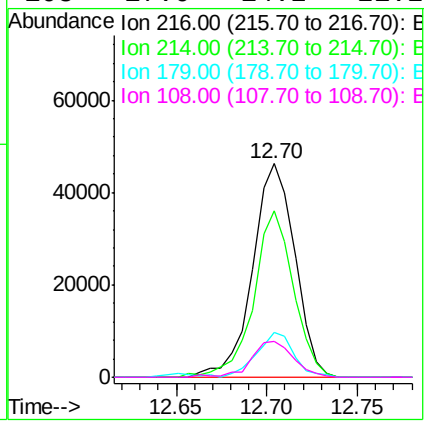


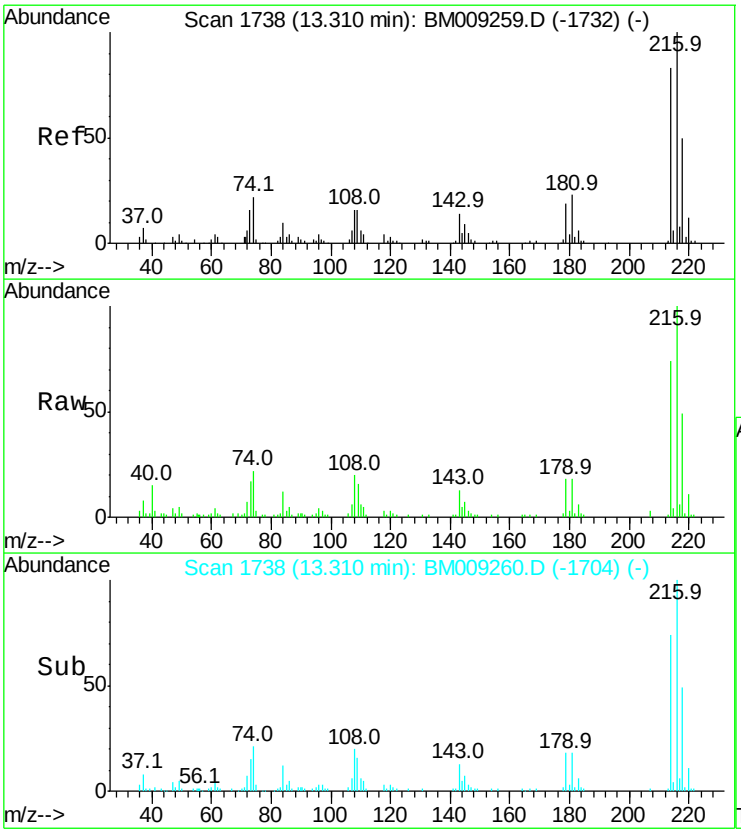
#36
1,2,4,5-Tetrachlorobenzene
Concen: 6.85 ng/ul
RT: 12.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BM009260.D
Acq: 15 Mar 2017 11:32

Instrument :
BNA_M
ClientSampleId :
C0BK7RE

Tgt Ion:216 Resp: 74845

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.5	93.7
179	21.0	18.2	27.2
108	17.0	14.2	21.2





#72
1,2,3,4-Tetrachlorobenzene
Concen: 5.63 ng/uL
RT: 13.31 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BM009260.D
Acq: 15 Mar 2017 11:32

Tgt Ion:216 Resp: 104666

Ion	Ratio	Lower	Upper
216	100		
214	74.4	62.5	93.7
218	49.0	38.4	57.6