Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
Data File : BM011710.D
Acq On : 23 Sep 2017 17:57
Operator : SJ/JU
Sample : I5324-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 25 02:03:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 25 01:59:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	191629	20.00	ng/ul	0.05
18) Naphthalene-d8	10.77	136	703198	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.58	164	371017	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	818956	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	924603	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	959435	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	24646	5.79	ng/uL	0.00
5) Phenol-d5	7.11	99	106906	5.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	381851	30.79	ng/ul	0.02
9) 2-Chlorophenol-d4	7.49	132	338478	24.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	189362	13.18	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	204825	38.37	ng/ul	0.01
22) 2-Nitrophenol-d4	9.84	143	219589	39.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	359003	32.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	2055	0.17	ng/ul	0.02
44) Dimethylphthalate-d6	13.99	166	1220601	38.91	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	1394227	36.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	33431	5.67	ng/ul	0.00
58) Fluorene-d10	15.57	176	988849	36.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	175197	36.77	ng/ul	0.00
71) Anthracene-d10	17.42	188	1606656	39.84	ng/ul	0.00
79) Pyrene-d10	19.71	212	1853416	42.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	1888987	41.31	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.37	108	124341	8.978	ng/ul	99
20) Nitrobenzene	9.17	77	6290627	501.160	ng/ul#	96
23) 2-Nitrophenol	9.87	139	48909	8.388	ng/ul	89
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	505215	45.905	ng/ul#	95
53) 4-Nitrophenol	14.79	109	4468	1.179	ng/ul	93
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	2126537	194.863	ng/uL	99
74) Pentachlorobenzene	14.90	250	54548	4.928	ng/uL	96

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

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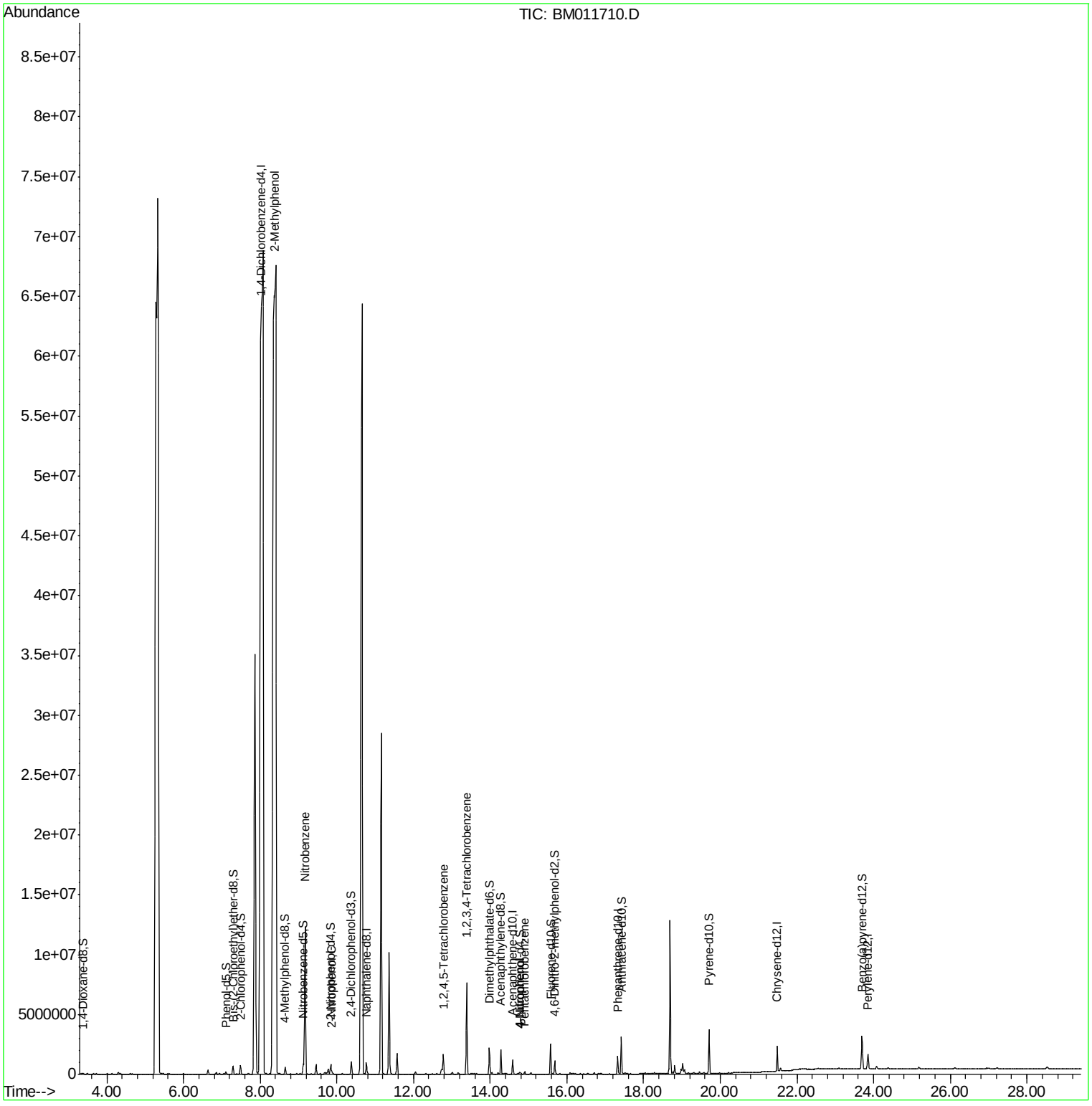
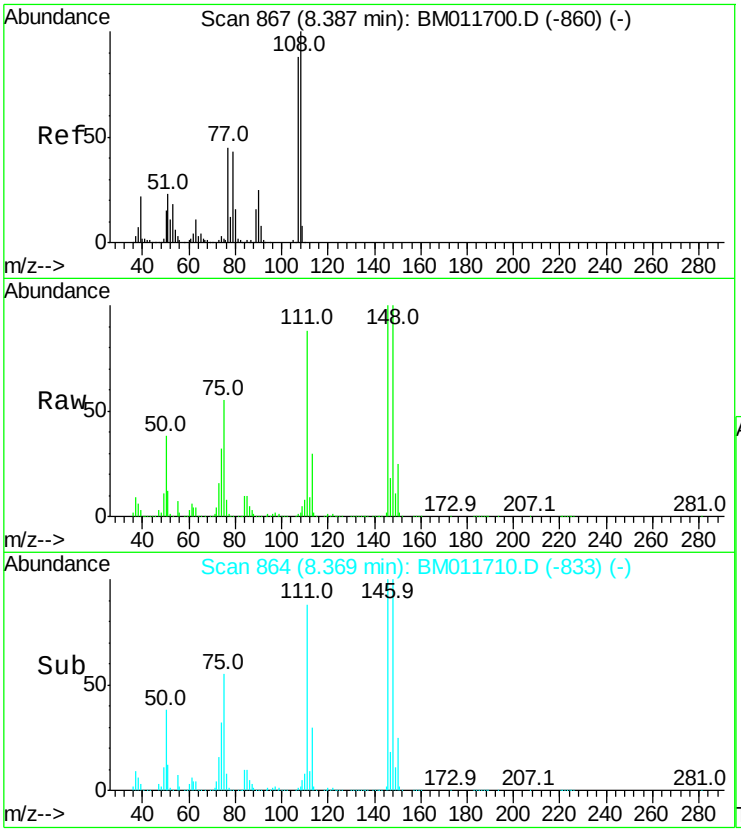


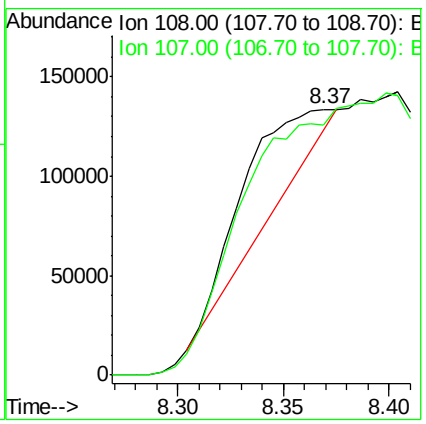


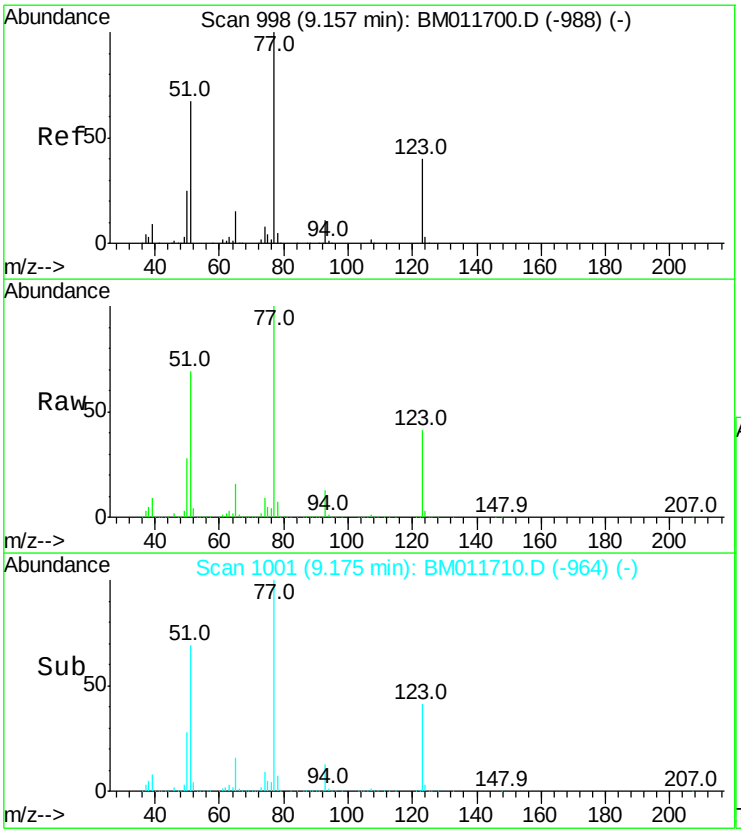
#11
2-Methylphenol
Concen: 8.978 ng/ul
RT: 8.37 min Scan# 864
Delta R.T. -0.02 min
Lab File: BM011710.D
Acq: 23 Sep 2017 17:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 124341

Ion	Ratio	Lower	Upper
108	100		
107	94.0	74.1	111.1

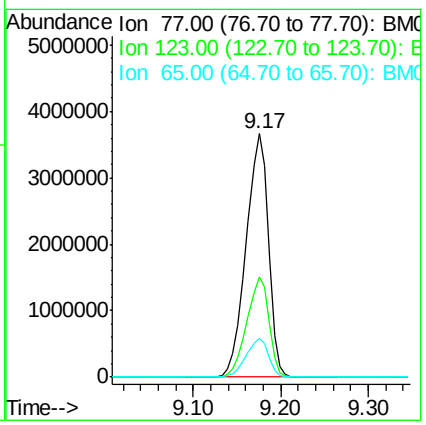


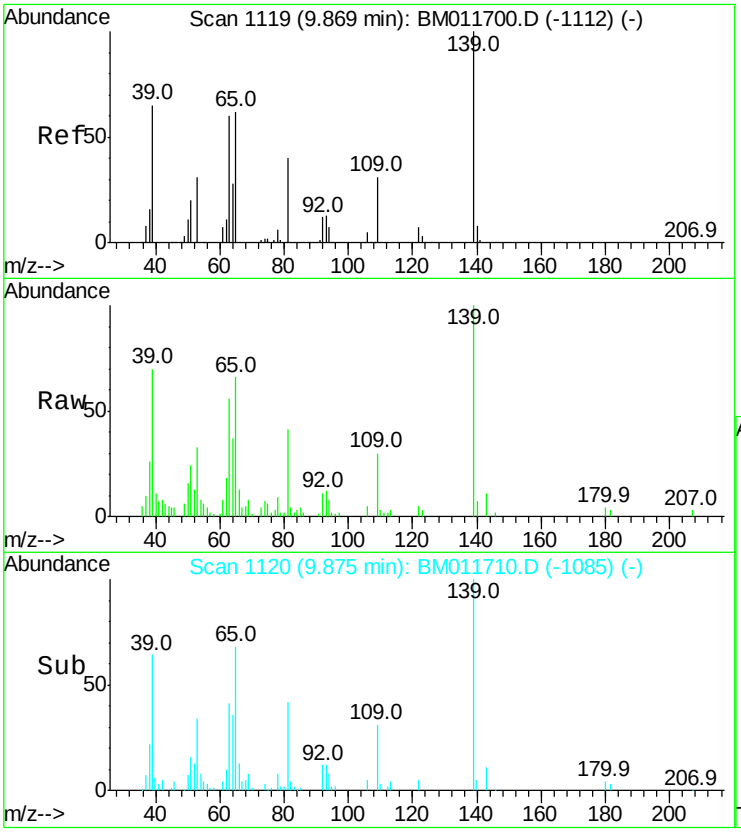


#20
Nitrobenzene
Concen: 501.160 ng/ul
RT: 9.17 min Scan# 1001
Delta R.T. 0.02 min
Lab File: BM011710.D
Acq: 23 Sep 2017 17:57

Tgt Ion: 77 Resp: 6290627

Ion	Ratio	Lower	Upper
77	100		
123	41.4	31.8	47.8
65	16.0	10.6	16.0#



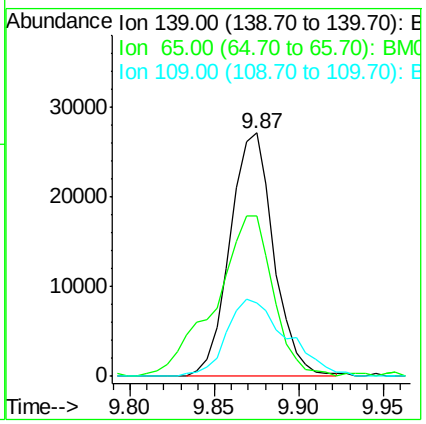


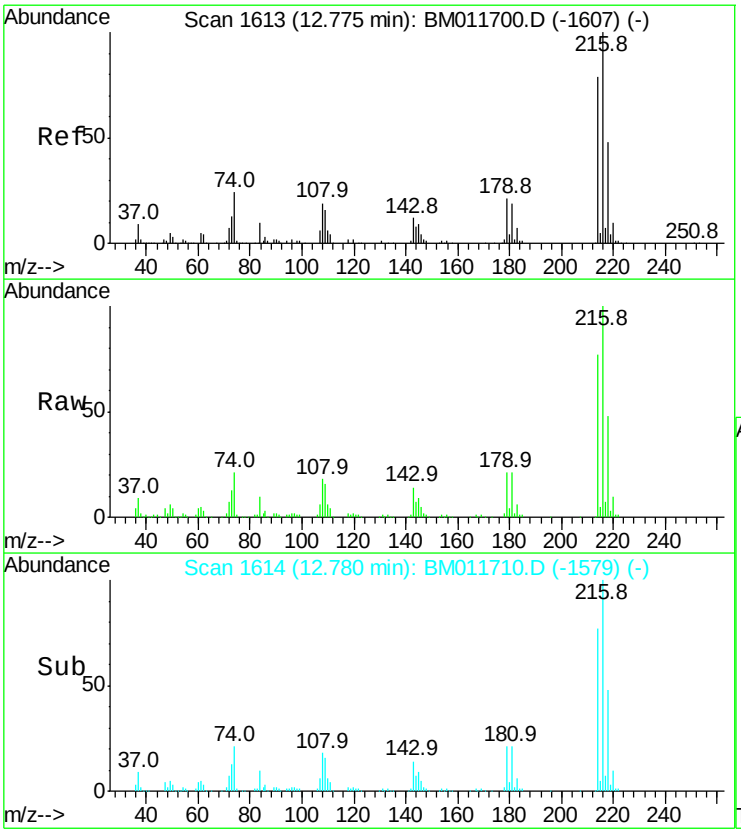
#23
2-Nitrophenol
Concen: 8.388 ng/ul
RT: 9.87 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BM011710.D
Acq: 23 Sep 2017 17:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 48909

Ion	Ratio	Lower	Upper
139	100		
65	66.1	45.3	67.9
109	30.2	27.7	41.5

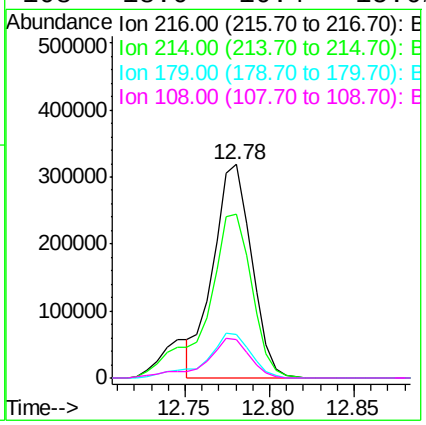


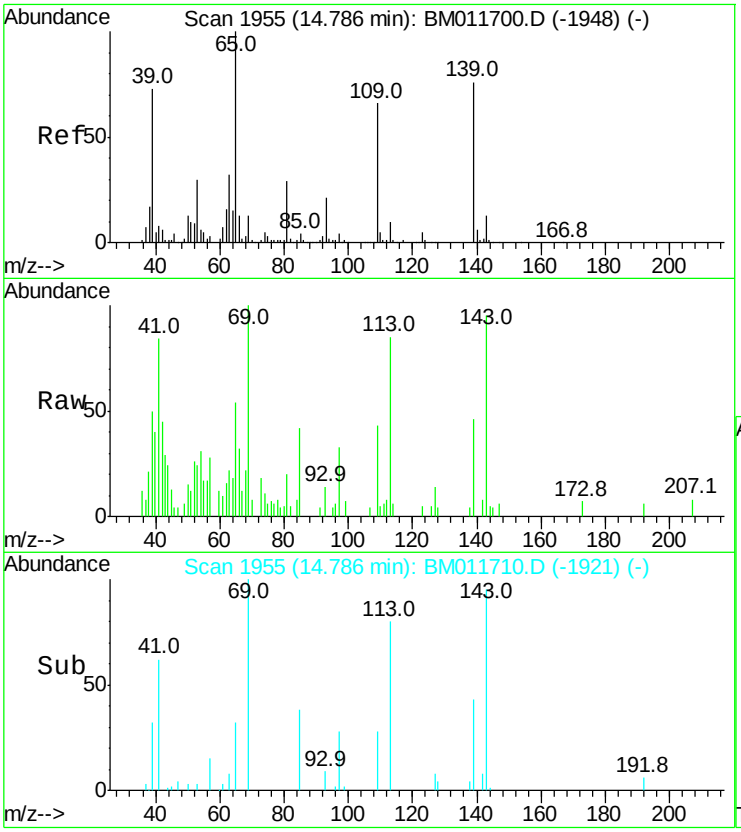


#37
1,2,4,5-Tetrachlorobenzene
Concen: 45.905 ng/ul
RT: 12.78 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BM011710.D
Acq: 23 Sep 2017 17:57

Tgt Ion:216 Resp: 505215

Ion	Ratio	Lower	Upper
216	100		
214	77.0	64.1	96.1
179	20.6	14.5	21.7
108	18.0	10.4	15.6#



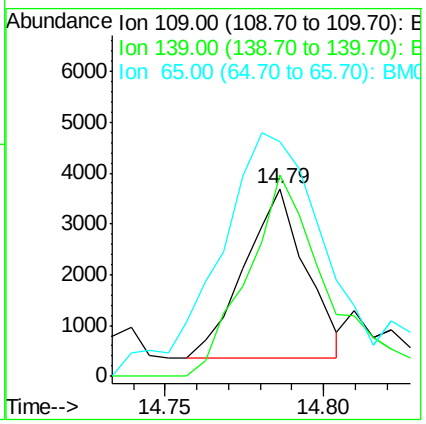


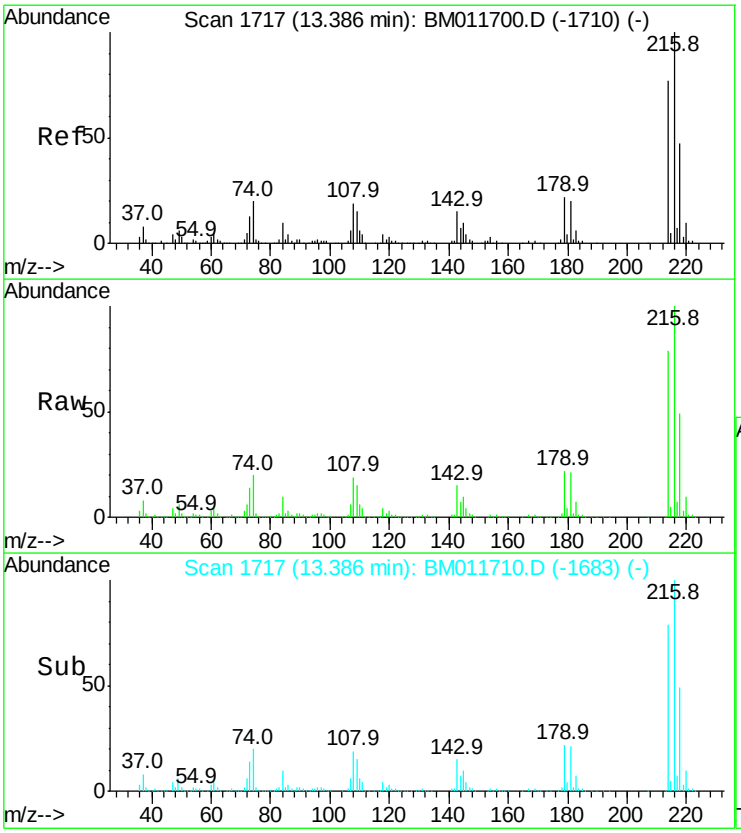
#53
4-Nitrophenol
Concen: 1.179 ng/ul
RT: 14.79 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BM011710.D
Acq: 23 Sep 2017 17:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 4468

Ion	Ratio	Lower	Upper
109	100		
139	107.2	91.2	136.8
65	125.1	92.6	139.0

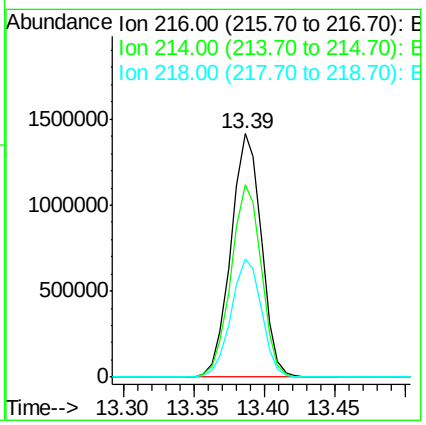


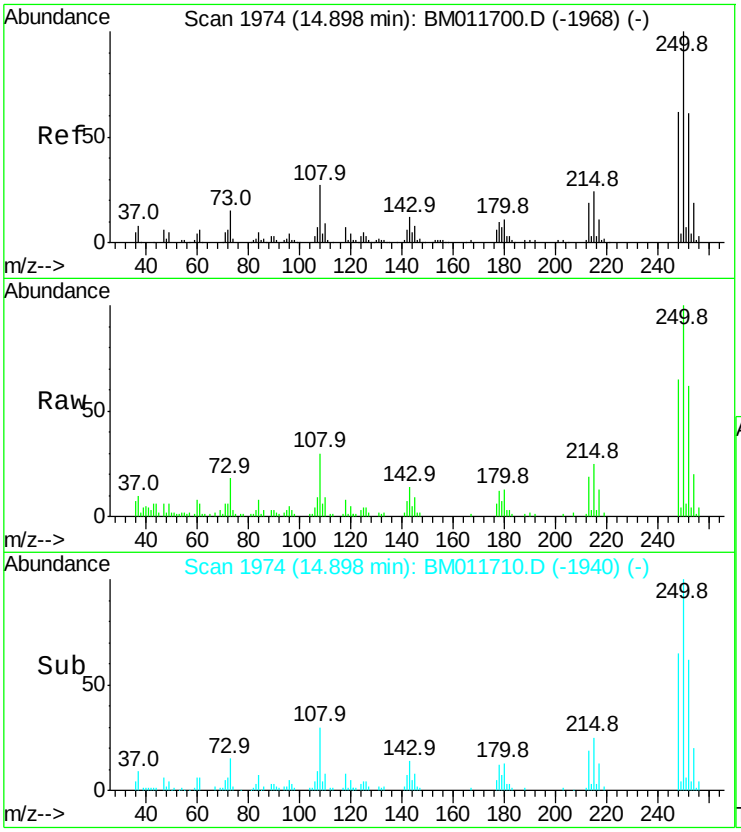


#73
1,2,3,4-Tetrachlorobenzene
Concen: 194.863 ng/uL
RT: 13.39 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BM011710.D
Acq: 23 Sep 2017 17:57

Tgt Ion:216 Resp: 2126537

Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.1	96.1
218	48.5	39.4	59.0





#74
Pentachlorobenzene
Concen: 4.928 ng/uL
RT: 14.90 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM011710.D
Acq: 23 Sep 2017 17:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 54548

Ion	Ratio	Lower	Upper
250	100		
248	61.4	51.4	77.2
252	58.2	49.8	74.6