Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
Data File : BM011705.D
Acq On : 23 Sep 2017 14:53
Operator : SJ/JU
Sample : I5273-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 25 02:01:44 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	196014	20.00	ng/ul	0.05
18) Naphthalene-d8	10.76	136	812768	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	434182	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	964005	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	1111018	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	1109448	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	26684	6.12	ng/uL	0.00
5) Phenol-d5	7.17	99	705	0.04	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.30	67	349725	27.57	ng/ul	0.03
9) 2-Chlorophenol-d4	7.56	132	465	0.03	ng/ul	0.08
13) 4-Methylphenol-d8	8.73	113	553	0.04	ng/ul	0.09
19) Nitrobenzene-d5	9.13	128	188057	30.48	ng/ul	0.02
22) 2-Nitrophenol-d4	9.84	143	202586	31.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	330663	25.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	12071	0.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1074216	29.27	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	1290113	29.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	34160	4.95	ng/ul	0.00
58) Fluorene-d10	15.57	176	900293	28.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	150412	26.82	ng/ul	0.00
71) Anthracene-d10	17.42	188	1456623	30.68	ng/ul	0.00
79) Pyrene-d10	19.71	212	1675343	32.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	1610983	30.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	5555	1.163	ng/uL#	9
6) Phenol	7.14	94	219923	11.771	ng/ul#	88
11) 2-Methylphenol	8.37	108	414563	29.265	ng/ul	99
20) Nitrobenzene	9.17	77	254031	17.510	ng/ul	98
27) 2,4-Dichlorophenol	10.54	162	169586	13.623	ng/ul	94
30) 4-Chloroaniline	10.87	127	322143	23.795	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	39998	3.106	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.17	232	9055	1.117	ng/ul#	79
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	59502	4.632	ng/uL	97

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

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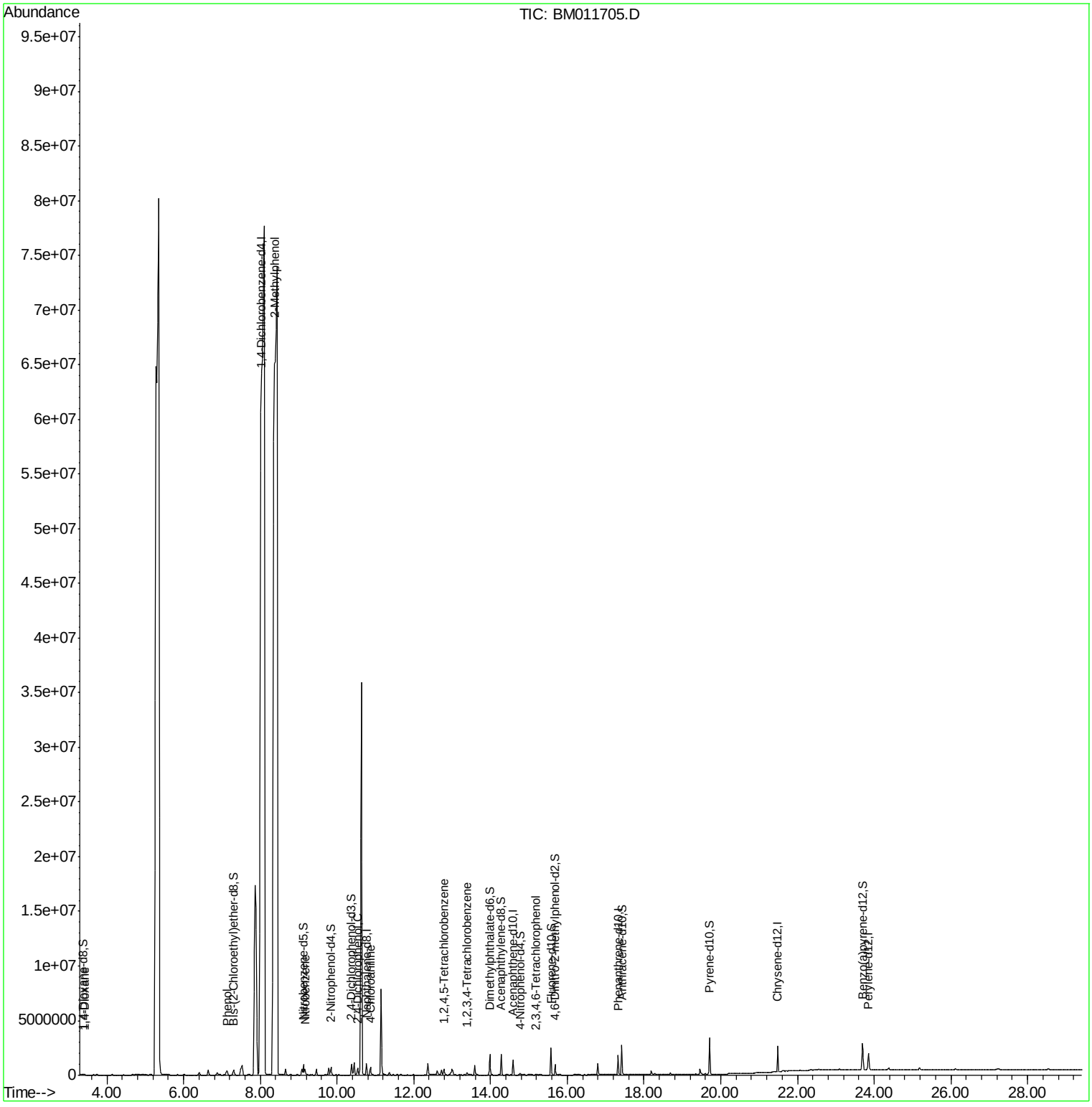
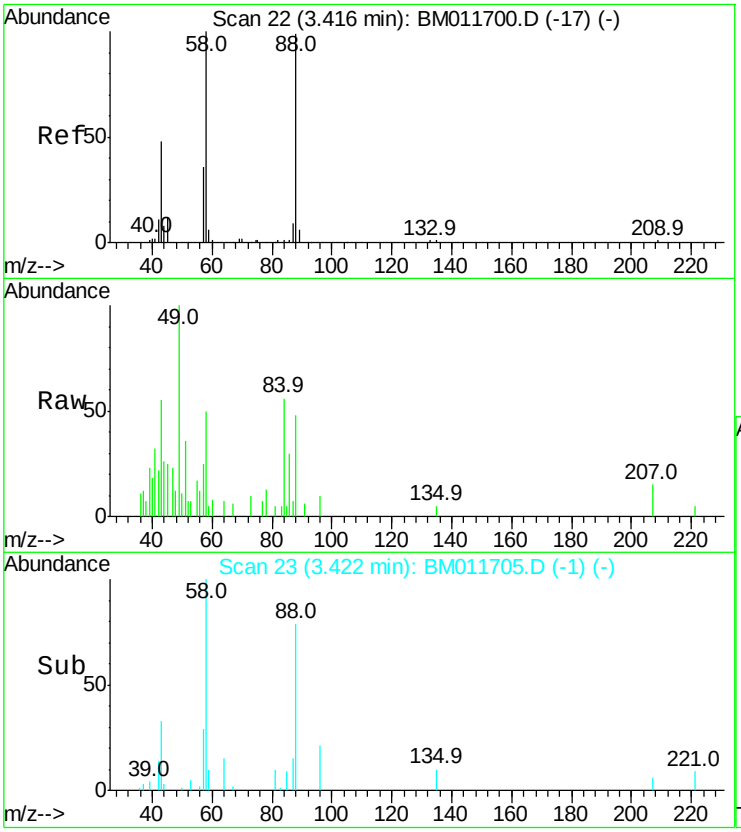


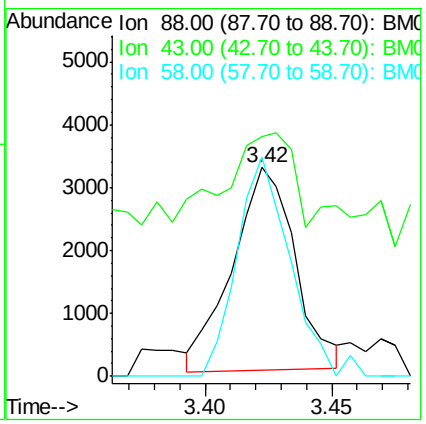


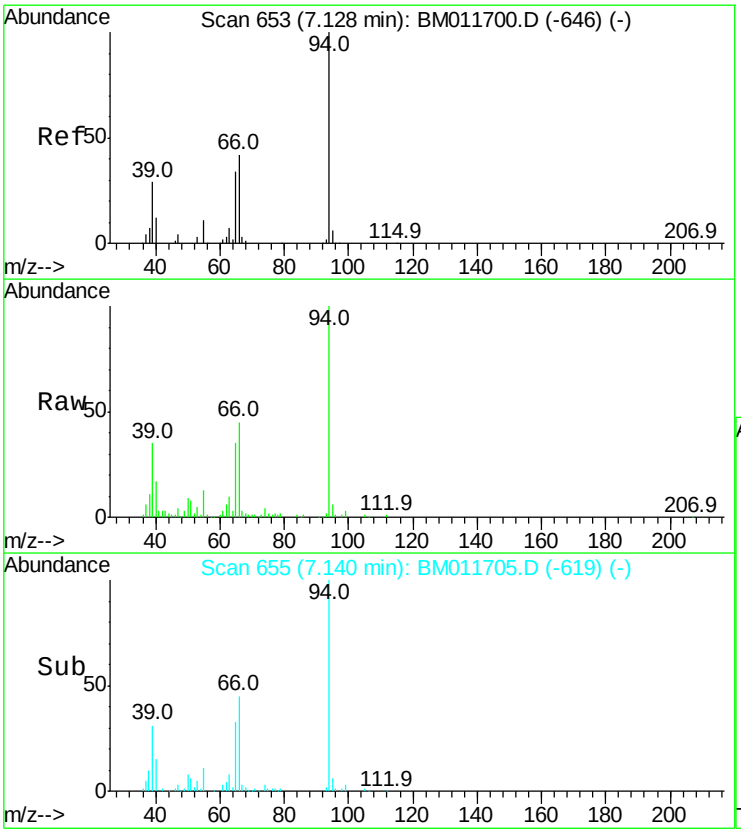
#2
1,4-Dioxane
Concen: 1.163 ng/uL
RT: 3.42 min Scan# 23
Delta R.T. 0.01 min
Lab File: BM011705.D
Acq: 23 Sep 2017 14:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 5555

Ion	Ratio	Lower	Upper
88	100		
43	115.0	29.0	43.4#
58	105.2	45.9	68.9#

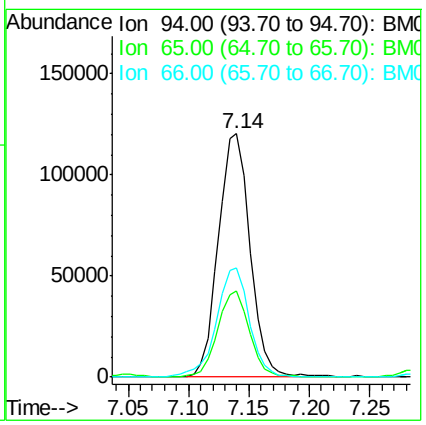


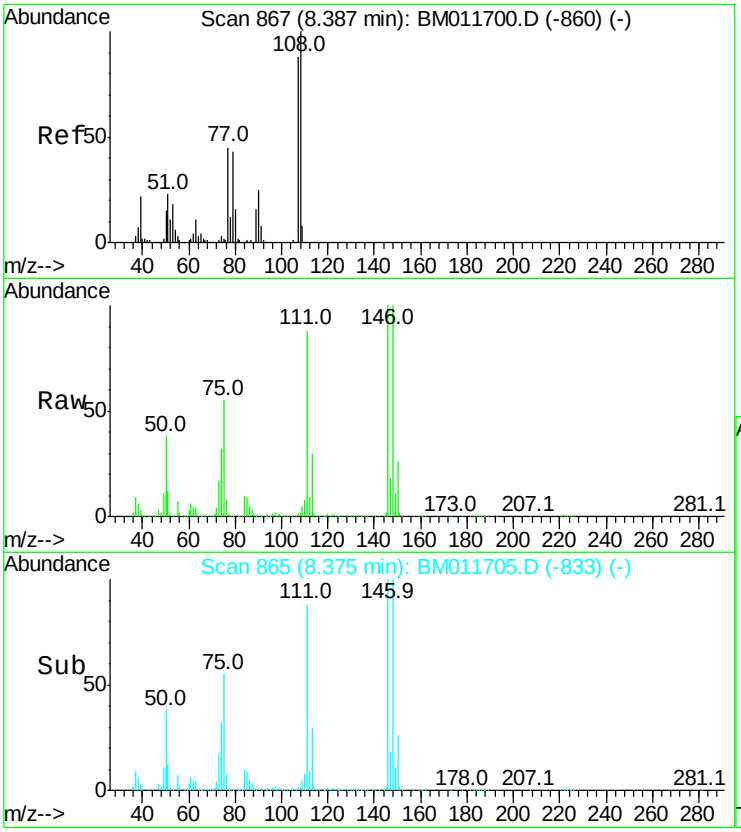


#6
Phenol
Concen: 11.771 ng/ul
RT: 7.14 min Scan# 655
Delta R.T. 0.01 min
Lab File: BM011705.D
Acq: 23 Sep 2017 14:53

Tgt Ion: 94 Resp: 219923

Ion	Ratio	Lower	Upper
94	100		
65	35.2	23.0	34.6#
66	44.8	30.4	45.6



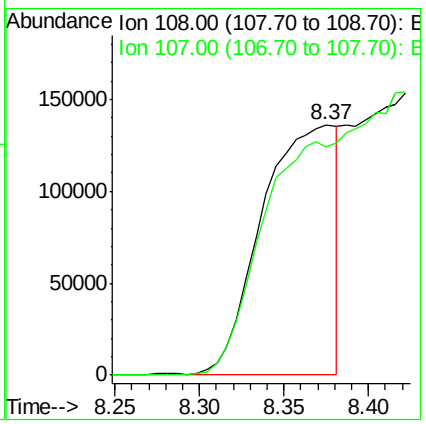


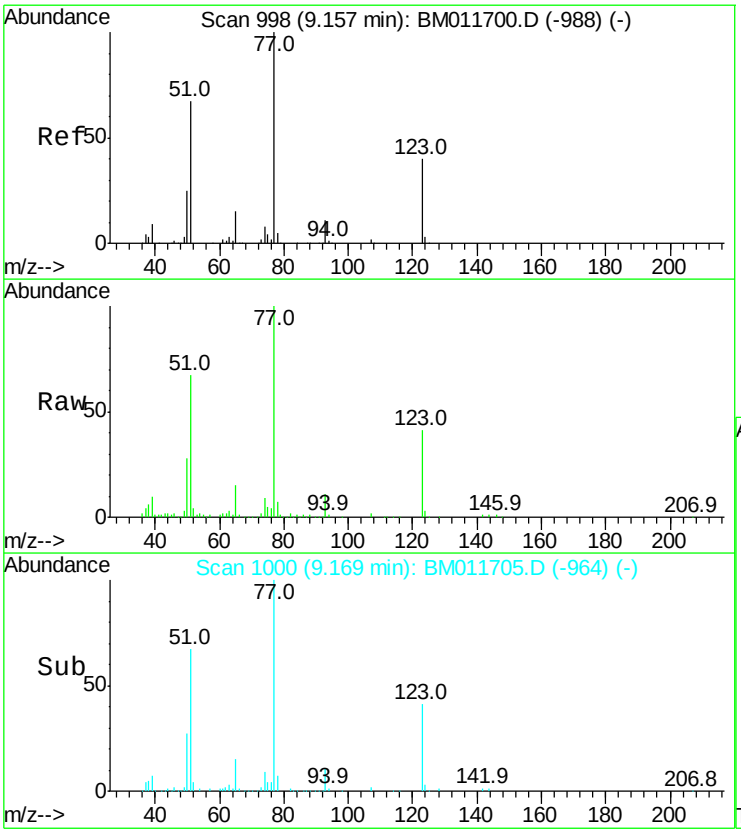
#11
2-Methylphenol
Concen: 29.265 ng/ul
RT: 8.37 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM011705.D
Acq: 23 Sep 2017 14:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 414563

Ion	Ratio	Lower	Upper
108	100		
107	91.2	74.1	111.1

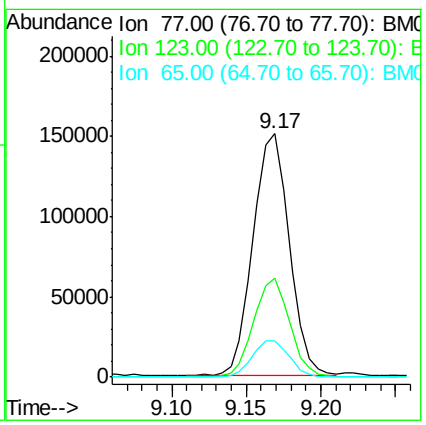


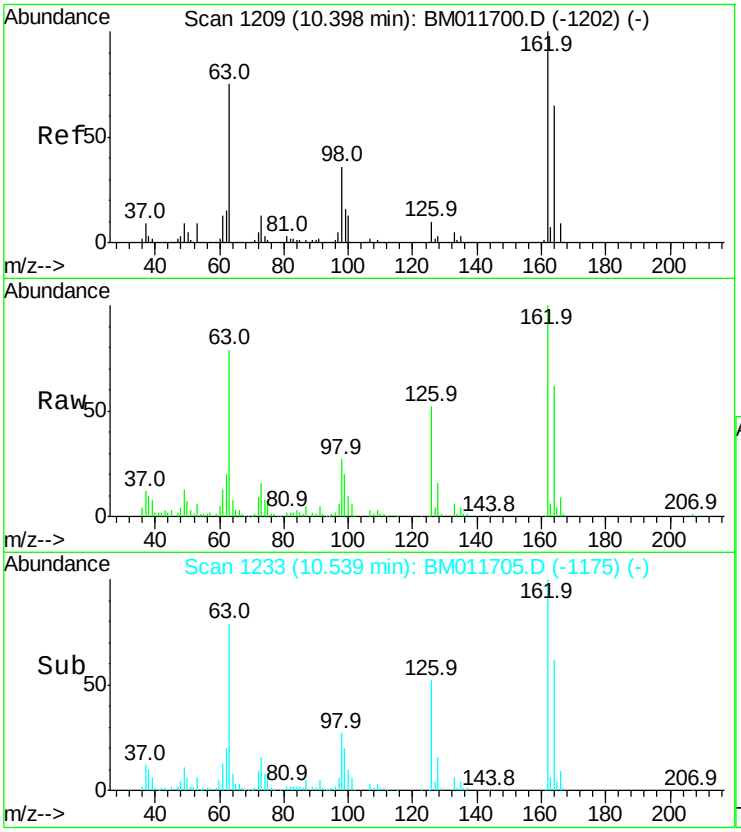


#20
Nitrobenzene
Concen: 17.510 ng/ul
RT: 9.17 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BM011705.D
Acq: 23 Sep 2017 14:53

Tgt Ion: 77 Resp: 254031

Ion	Ratio	Lower	Upper
77	100		
123	40.5	31.8	47.8
65	14.9	10.6	16.0



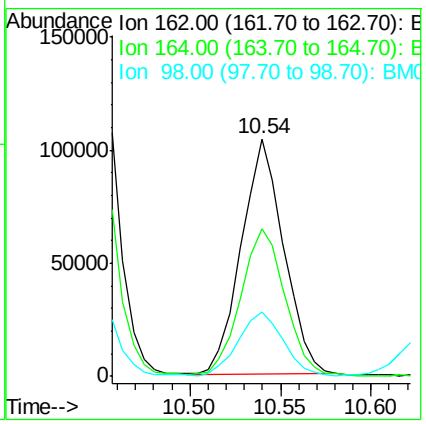


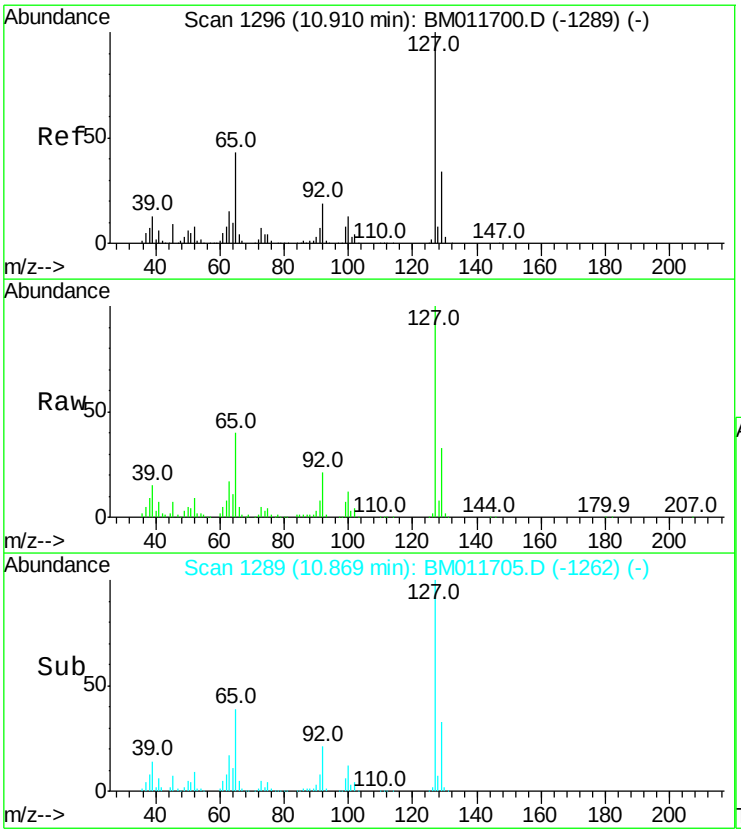
#27
2,4-Dichlorophenol
Concen: 13.623 ng/ul
RT: 10.54 min Scan# 1233
Delta R.T. 0.14 min
Lab File: BM011705.D
Acq: 23 Sep 2017 14:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 169586

Ion	Ratio	Lower	Upper
162	100		
164	61.9	52.0	78.0
98	27.1	26.6	39.8

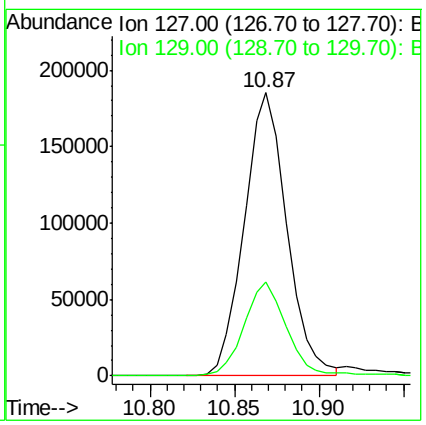


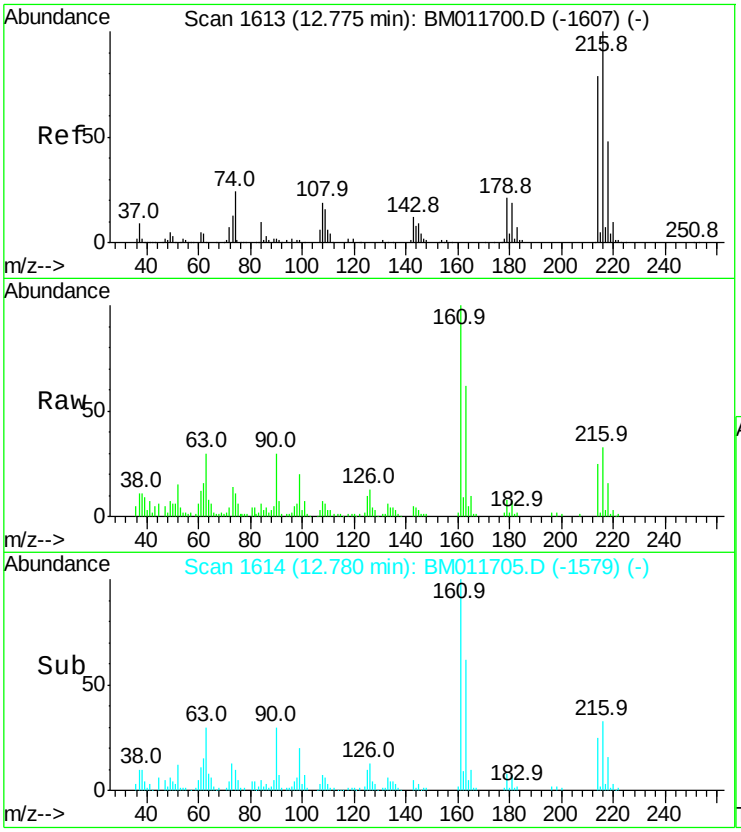


#30
4-Chloroaniline
Concen: 23.795 ng/ul
RT: 10.87 min Scan# 1289
Delta R.T. -0.04 min
Lab File: BM011705.D
Acq: 23 Sep 2017 14:53

Tgt Ion:127 Resp: 322143

Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.6	37.0



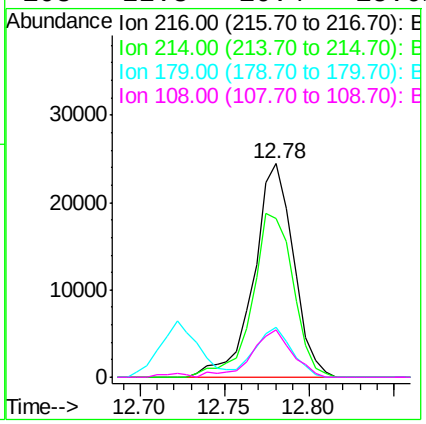


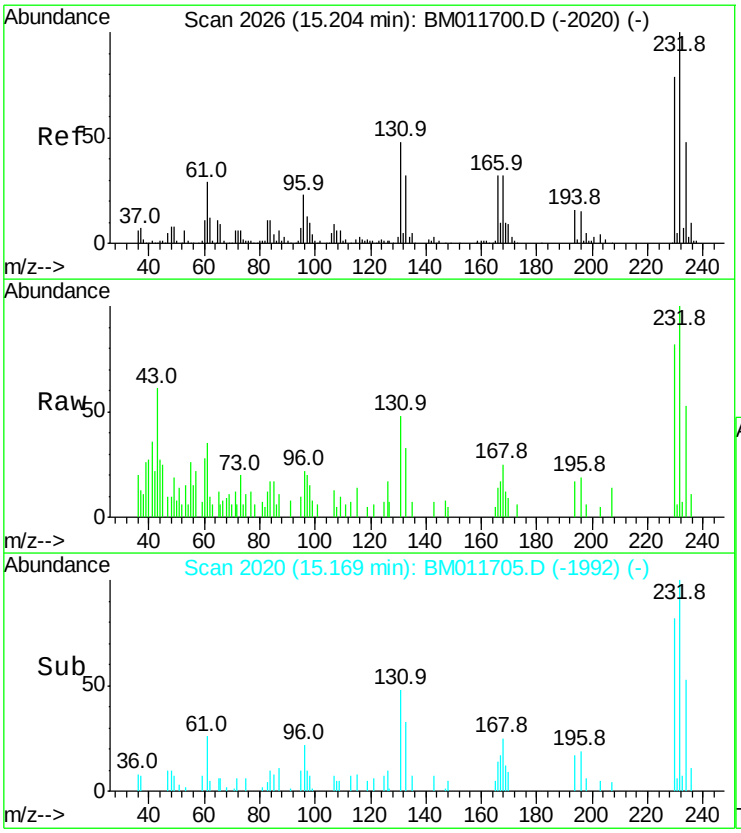
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.106 ng/ul
RT: 12.78 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BM011705.D
Acq: 23 Sep 2017 14:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 39998

Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.1	96.1
179	23.4	14.5	21.7#
108	22.3	10.4	15.6#

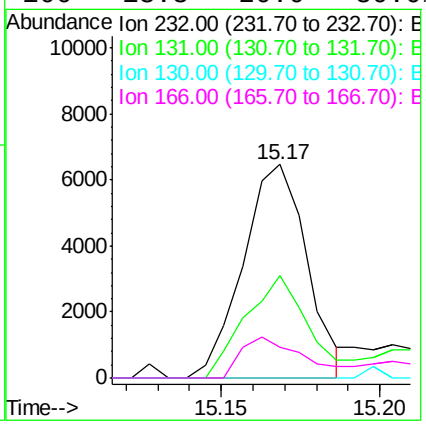


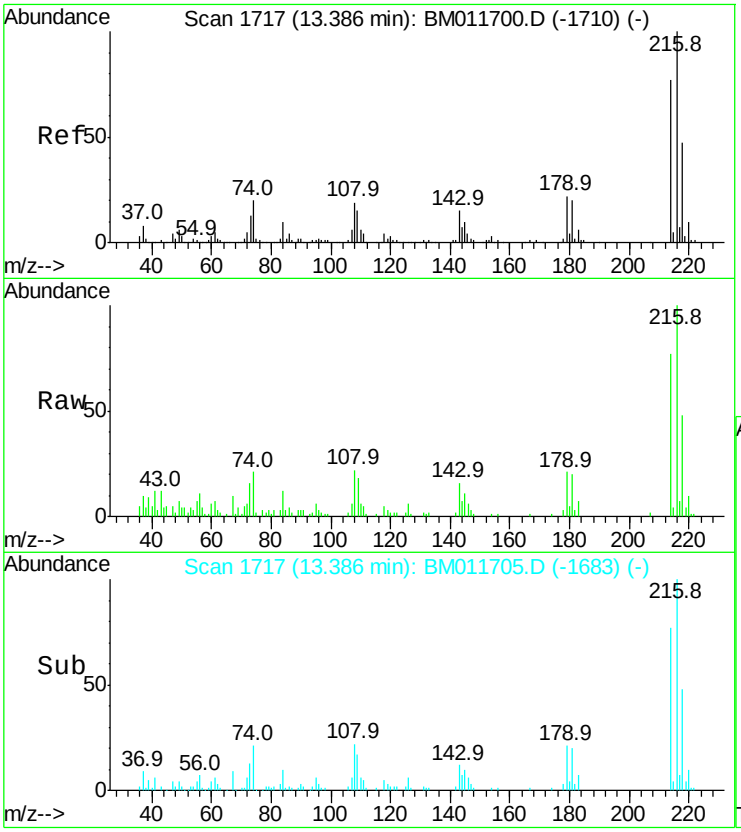


#56
2,3,4,6-Tetrachlorophenol
Concen: 1.117 ng/ul
RT: 15.17 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BM011705.D
Acq: 23 Sep 2017 14:53

Tgt Ion:232 Resp: 9055

Ion	Ratio	Lower	Upper
232	100		
131	45.0	27.1	40.7#
130	0.0	0.0	0.0
166	13.3	20.0	30.0#





#73
1,2,3,4-Tetrachlorobenzene
Concen: 4.632 ng/uL
RT: 13.39 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BM011705.D
Acq: 23 Sep 2017 14:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 59502

Ion	Ratio	Lower	Upper
216	100		
214	77.1	64.1	96.1
218	47.8	39.4	59.0