Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
Data File : BM011639.D
Acq On : 20 Sep 2017 16:09
Operator : SJ/JU
Sample : I5273-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD7

Quant Time: Sep 21 01:48:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 01:44:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	409	20.00	ng/ul	-0.05
18) Naphthalene-d8	10.80	136	1705418	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.60	164	982433	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2179780	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2272448	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1997264	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	2923	321.48	ng/uL	-0.03
5) Phenol-d5	7.06	99	485	12.35	ng/ul	-0.05
7) Bis-(2-Chloroethyl)ether-d	7.33	67	375247	14178.30	ng/ul	0.05
9) 2-Chlorophenol-d4	7.42	132	14791	499.74	ng/ul	-0.07
13) 4-Methylphenol-d8	8.69	113	410628	13393.06	ng/ul	0.02
19) Nitrobenzene-d5	9.17	128	454206	35.08	ng/ul	0.04
22) 2-Nitrophenol-d4	9.87	143	475566	35.34	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.40	165	786632	29.04	ng/ul	0.02
29) 4-Chloroaniline-d4	10.93	131	23276	0.78	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2794369	33.64	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3320552	33.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	86318	5.53	ng/ul	0.00
58) Fluorene-d10	15.59	176	2360229	32.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	404983	31.93	ng/ul	0.00
71) Anthracene-d10	17.43	188	3681771	34.30	ng/ul	0.00
79) Pyrene-d10	19.72	212	4021873	37.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3313514	34.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	61	6.121	ng/uL#	1
4) Benzaldehyde	7.08	77	1528	68.090	ng/ul#	15
6) Phenol	7.16	94	4140	106.197	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.47	93	8206	267.376	ng/ul	89
10) 2-Chlorophenol	7.52	128	110	3.810	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.43	45	492	9.890	ng/ul#	1
14) Acetophenone	8.72	105	129	2.753	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.69	70	11929	474.361	ng/ul#	1
17) Hexachloroethane	9.08	117	37843	3428.535	ng/ul#	67
23) 2-Nitrophenol	9.90	139	192096	13.585	ng/ul	90
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	928957	31.876	ng/ul#	96
53) 4-Nitrophenol	14.79	109	18879	1.882	ng/ul#	78
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1786108	61.491	ng/uL	98

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

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 01:44:48 2017
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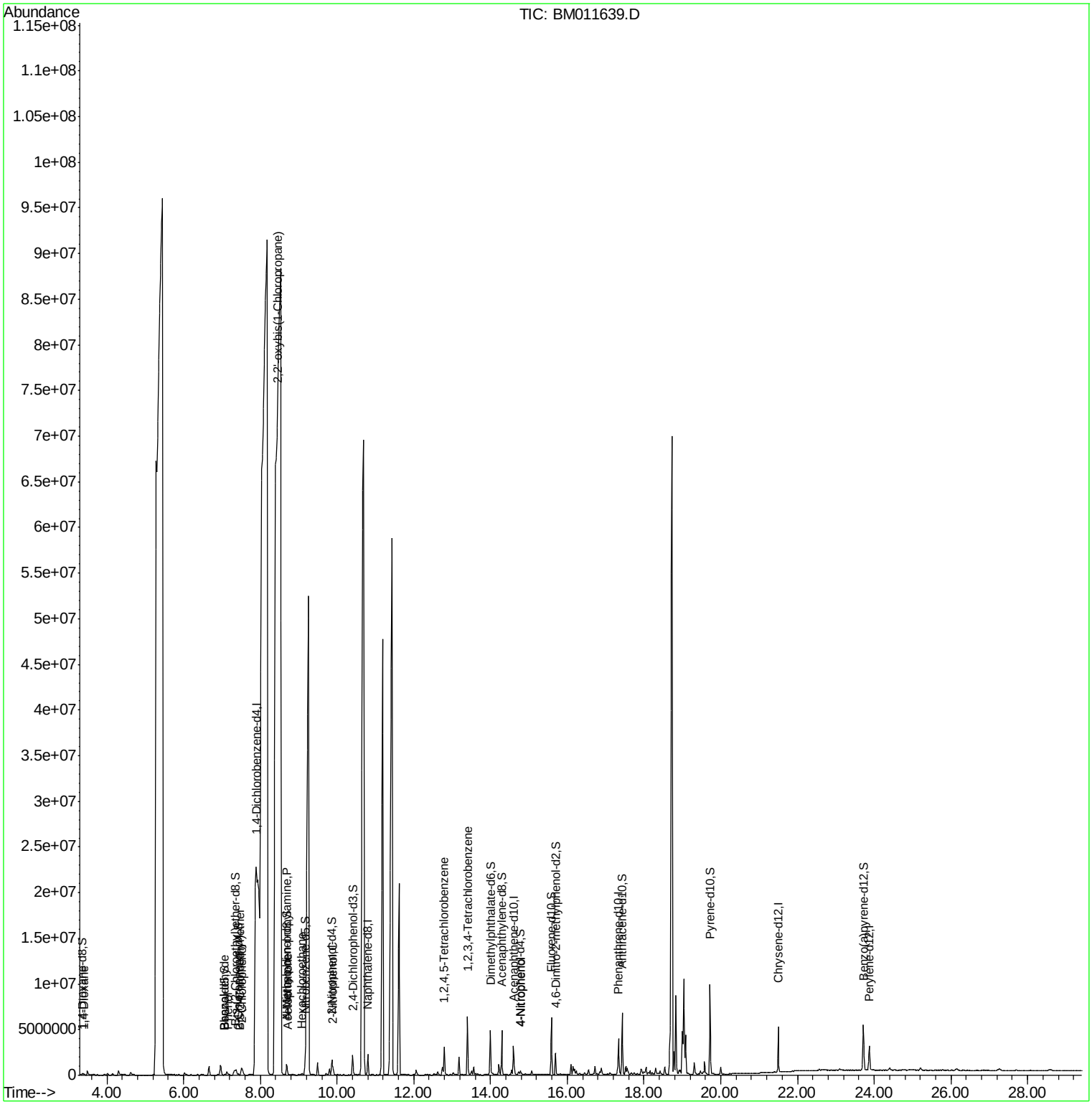
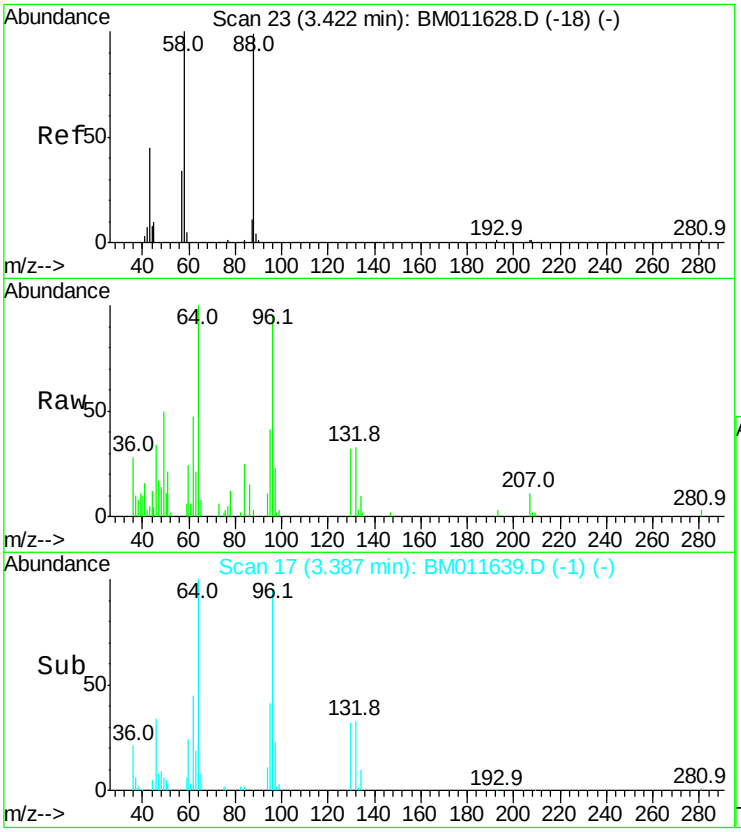


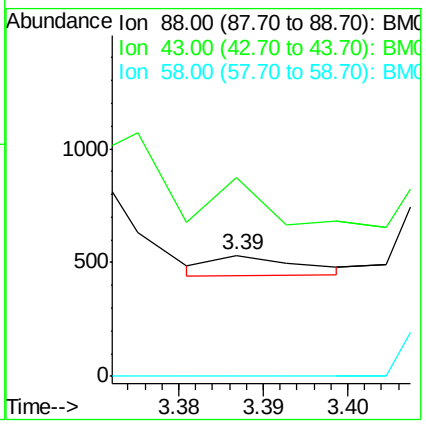


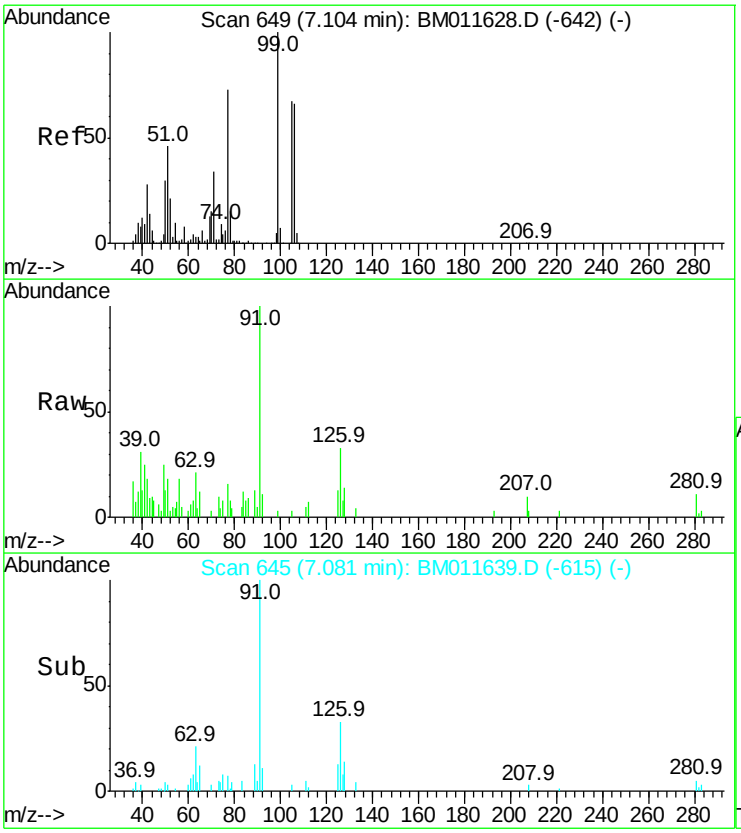
#2
1,4-Dioxane
Concen: 6.121 ng/uL
RT: 3.39 min Scan# 17
Delta R.T. -0.04 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Instrument :
BNA_M
ClientSampleId :
C0AD7

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	165.0	29.0	43.4#
58	0.0	45.9	68.9#

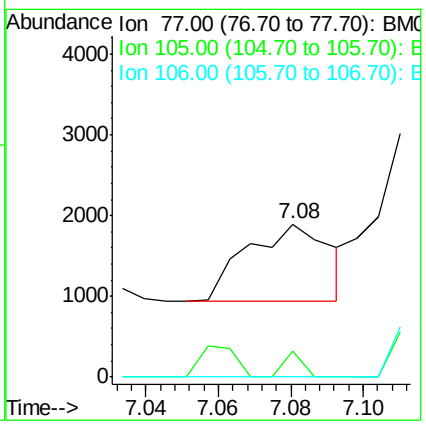


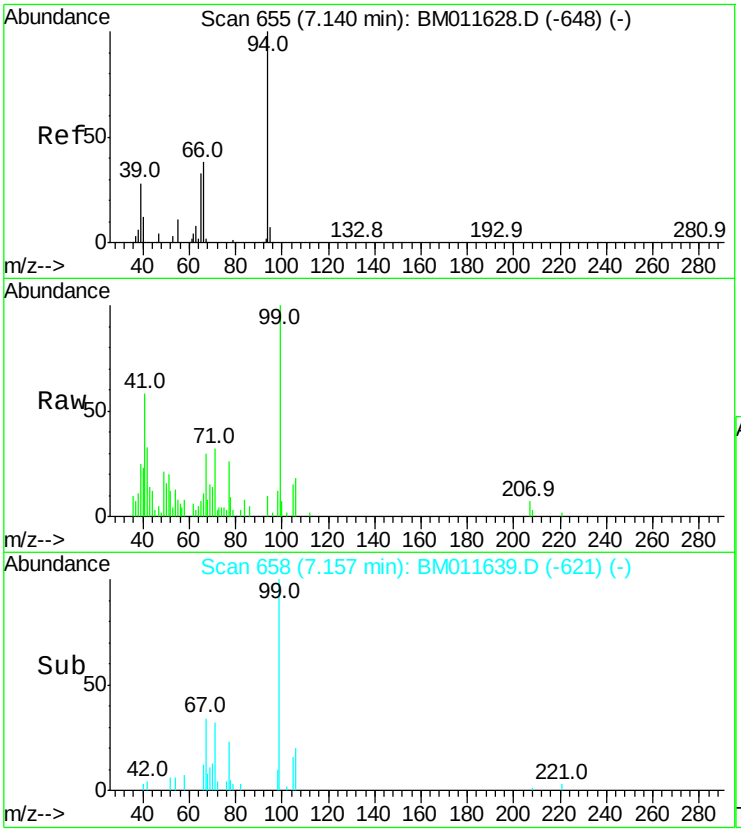


#4
Benzaldehyde
Concen: 68.090 ng/ul
RT: 7.08 min Scan# 645
Delta R.T. -0.02 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Tgt Ion: 77 Resp: 1528

Ion	Ratio	Lower	Upper
77	100		
105	16.7	71.0	106.6#
106	0.0	69.5	104.3#



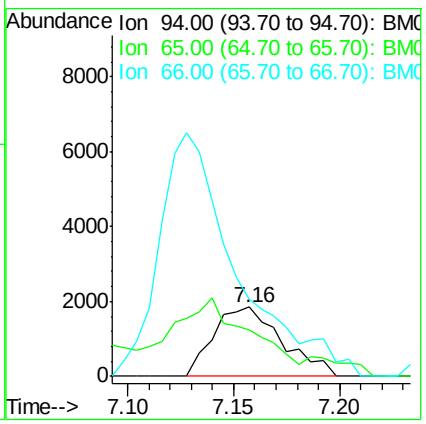


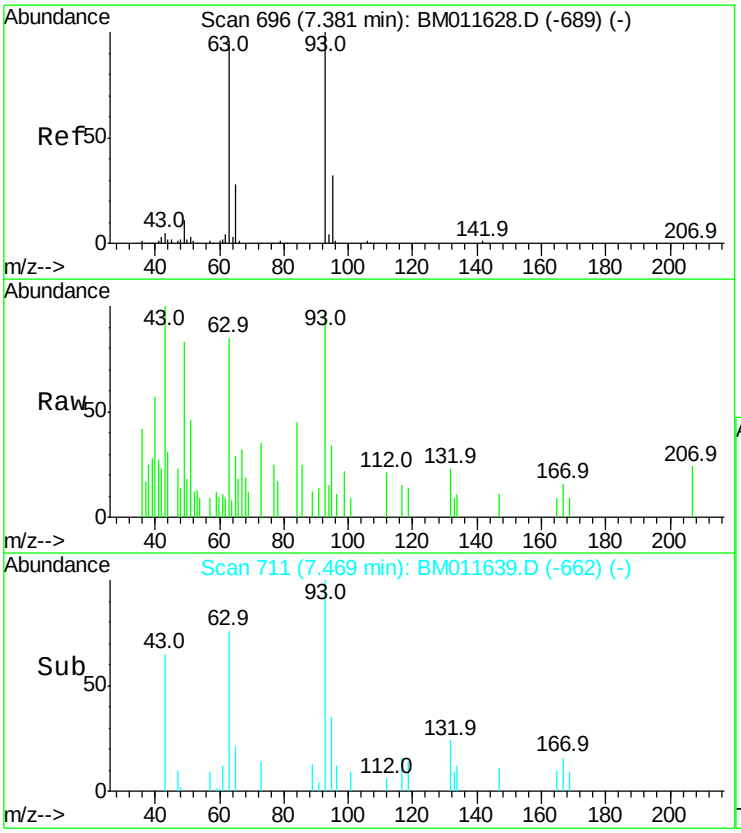
#6
Phenol
Concen: 106.197 ng/ul
RT: 7.16 min Scan# 658
Delta R.T. 0.02 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Instrument :
BNA_M
ClientSampleId :
C0AD7

Tgt Ion: 94 Resp: 4140

Ion	Ratio	Lower	Upper
94	100		
65	68.2	23.0	34.6#
66	112.2	30.4	45.6#

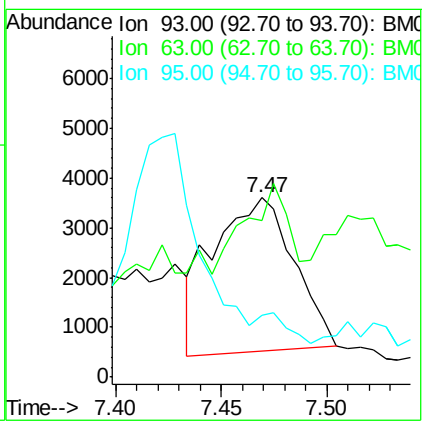


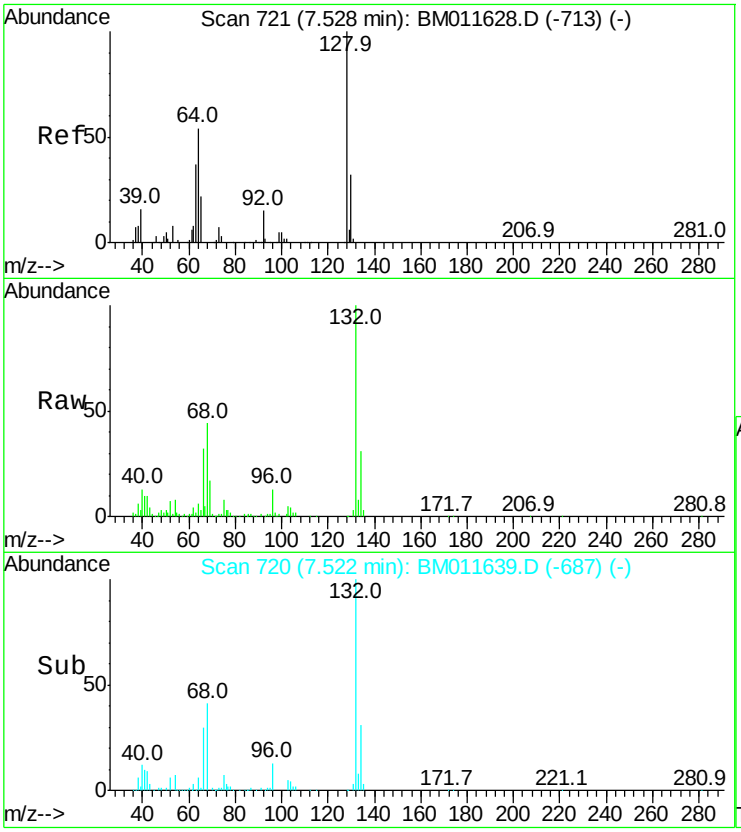


#8
Bis(2-Chloroethyl)ether
Concen: 267.376 ng/ul
RT: 7.47 min Scan# 711
Delta R.T. 0.09 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Tgt Ion: 93 Resp: 8206

Ion	Ratio	Lower	Upper
93	100		
63	87.2	59.4	89.2
95	34.5	26.4	39.6



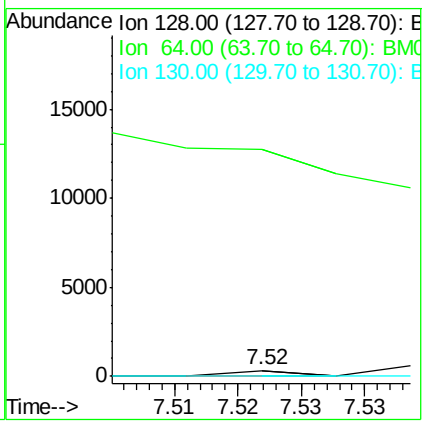


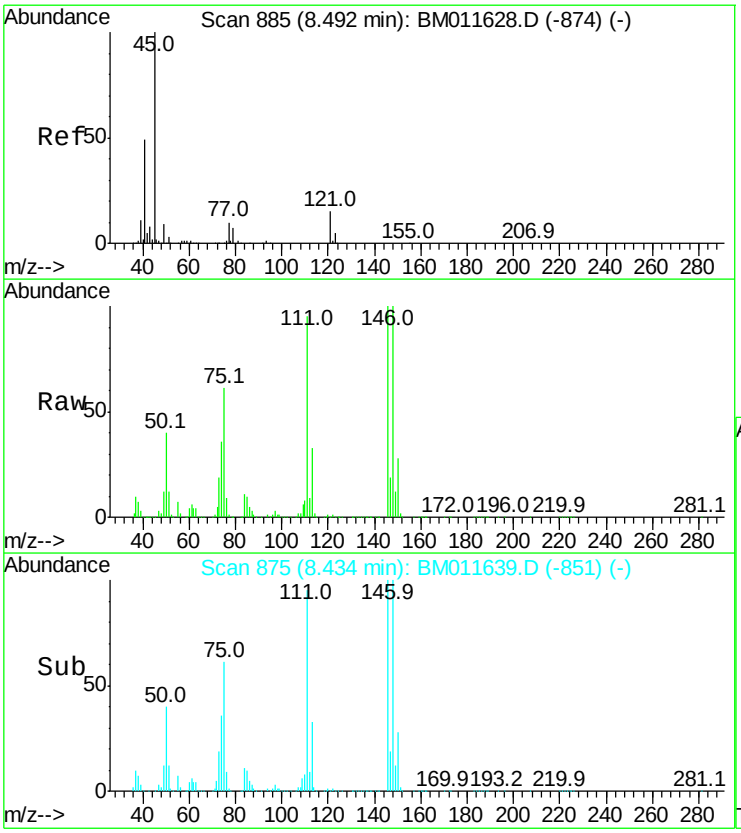
#10
2-Chlorophenol
Concen: 3.810 ng/ul
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Instrument :
BNA_M
ClientSampleId :
C0AD7

Tgt Ion:128 Resp: 110

Ion	Ratio	Lower	Upper
128	100		
64	1526.8	39.8	59.6#
130	0.0	25.8	38.8#

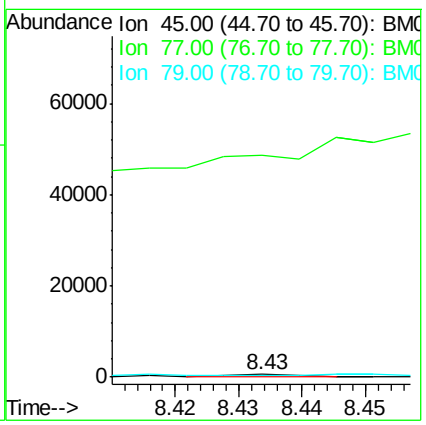


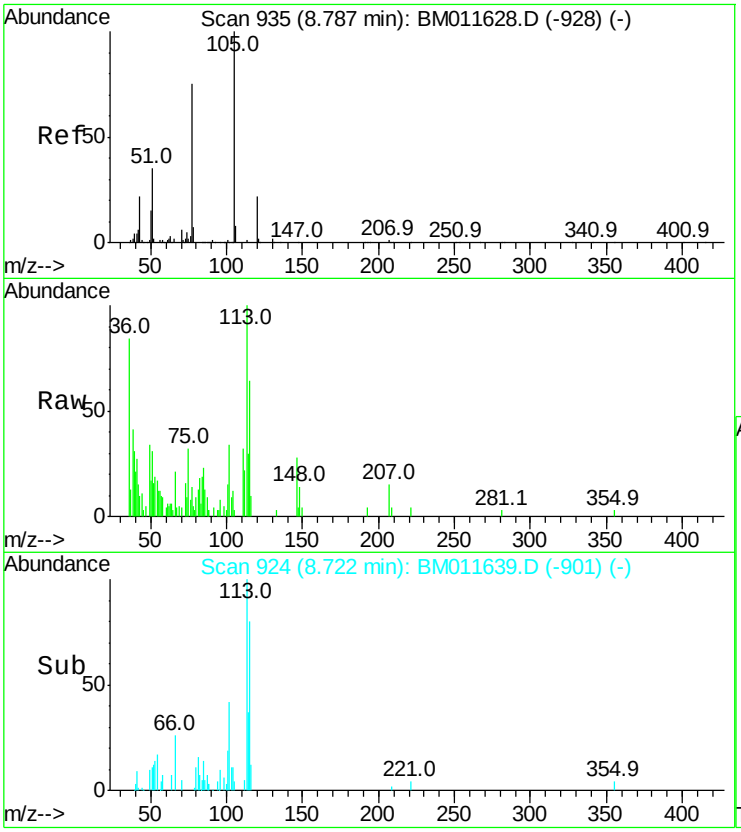


#12
2,2'-oxybis(1-Chloropropane)
Concen: 9.890 ng/ul
RT: 8.43 min Scan# 875
Delta R.T. -0.06 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Tgt Ion: 45 Resp: 492

Ion	Ratio	Lower	Upper
45	100		
77	8050.2	12.5	18.7#
79	55.9	9.4	14.2#



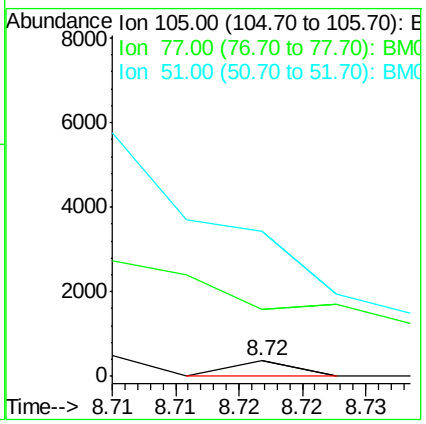


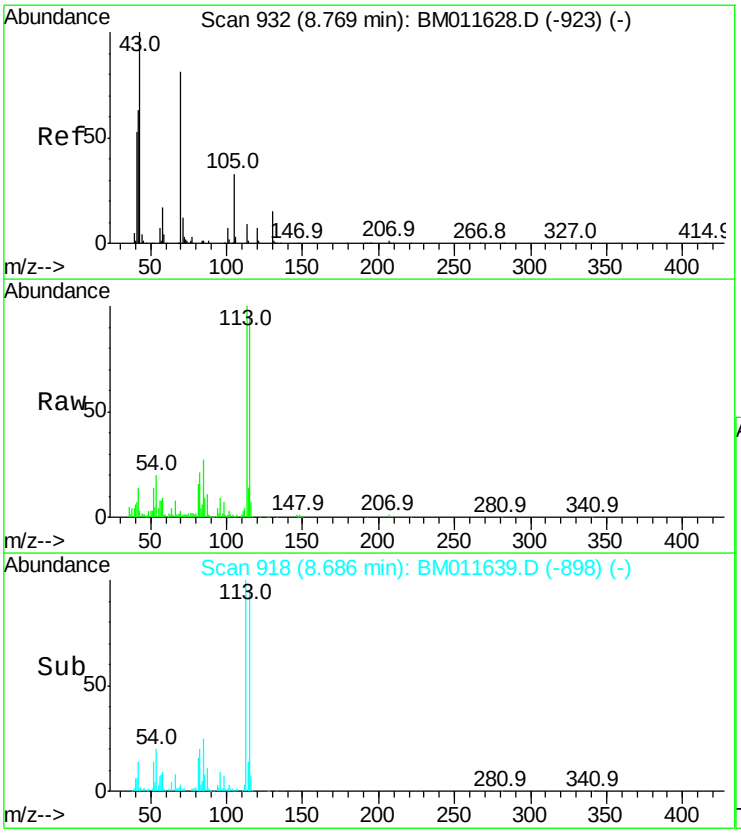
#14
Acetophenone
Concen: 2.753 ng/ul
RT: 8.72 min Scan# 924
Delta R.T. -0.06 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Instrument :
BNA_M
ClientSampleId :
C0AD7

Tgt Ion:105 Resp: 129

Ion	Ratio	Lower	Upper
105	100		
77	437.0	63.2	94.8#
51	941.6	19.8	29.8#

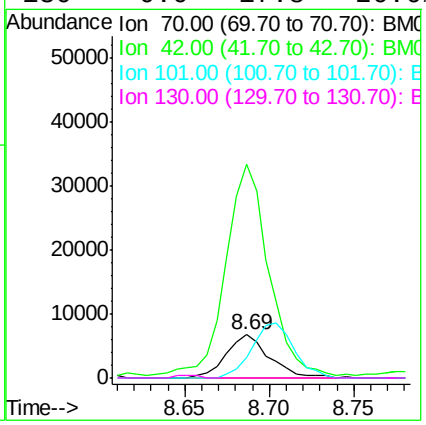


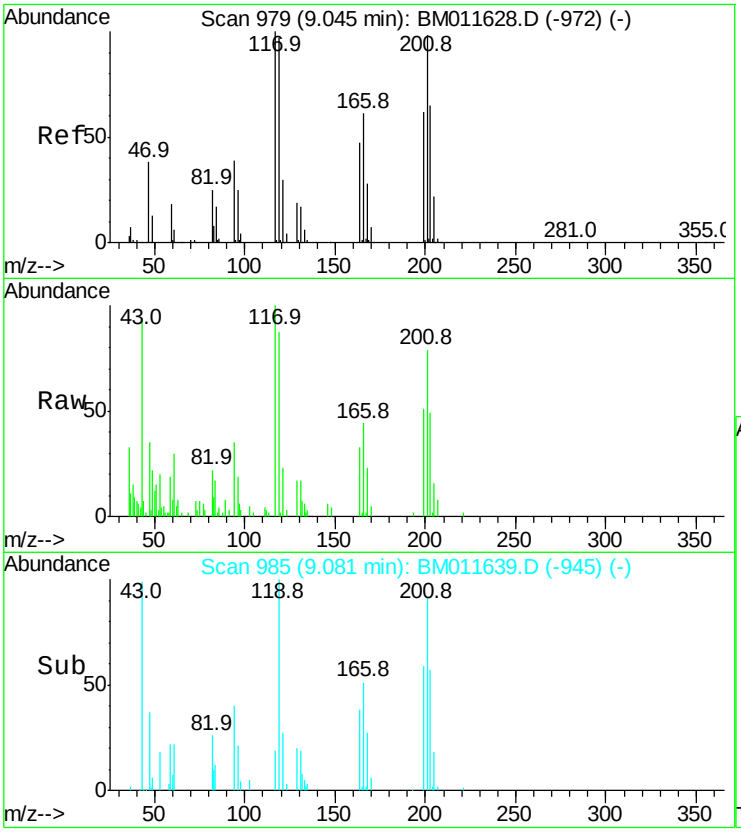


#15
N-Nitroso-di-n-propylamine
Concen: 474.361 ng/ul
RT: 8.69 min Scan# 918
Delta R.T. -0.08 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Tgt Ion: 70 Resp: 11929

Ion	Ratio	Lower	Upper
70	100		
42	494.4	40.2	60.4#
101	47.2	7.7	11.5#
130	0.0	17.8	26.6#



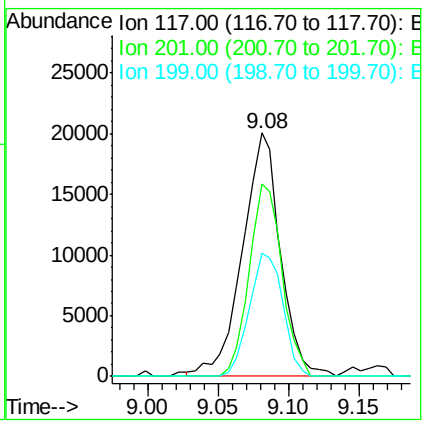


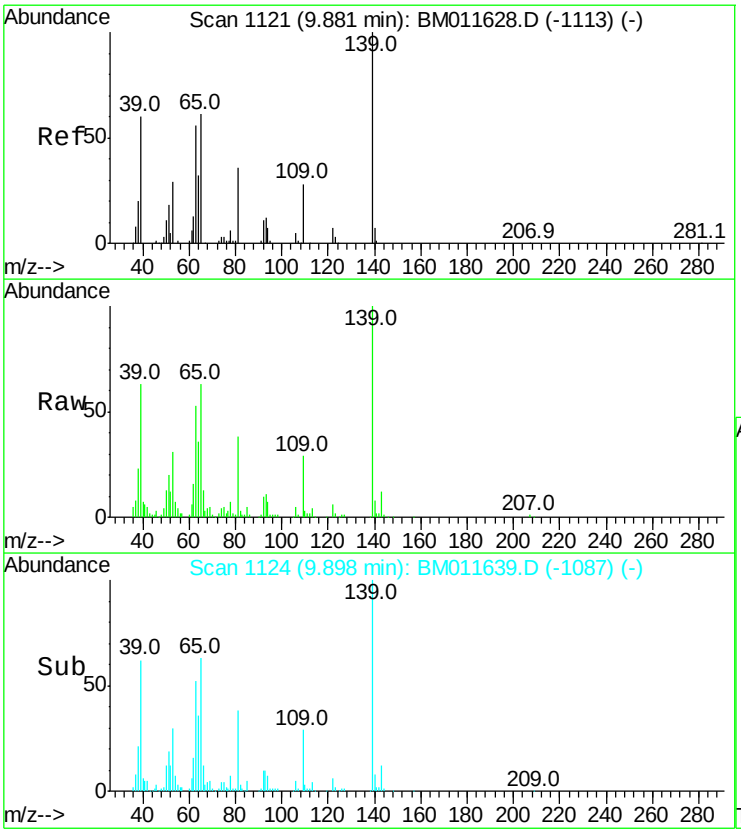
#17
Hexachloroethane
Concen: 3428.535 ng/ul
RT: 9.08 min Scan# 985
Delta R.T. 0.04 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Instrument :
BNA_M
ClientSampleId :
C0AD7

Tgt Ion:117 Resp: 37843

Ion	Ratio	Lower	Upper
117	100		
201	79.3	96.1	144.1#
199	50.8	59.7	89.5#

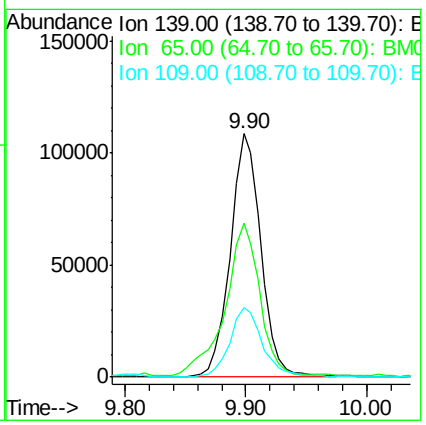


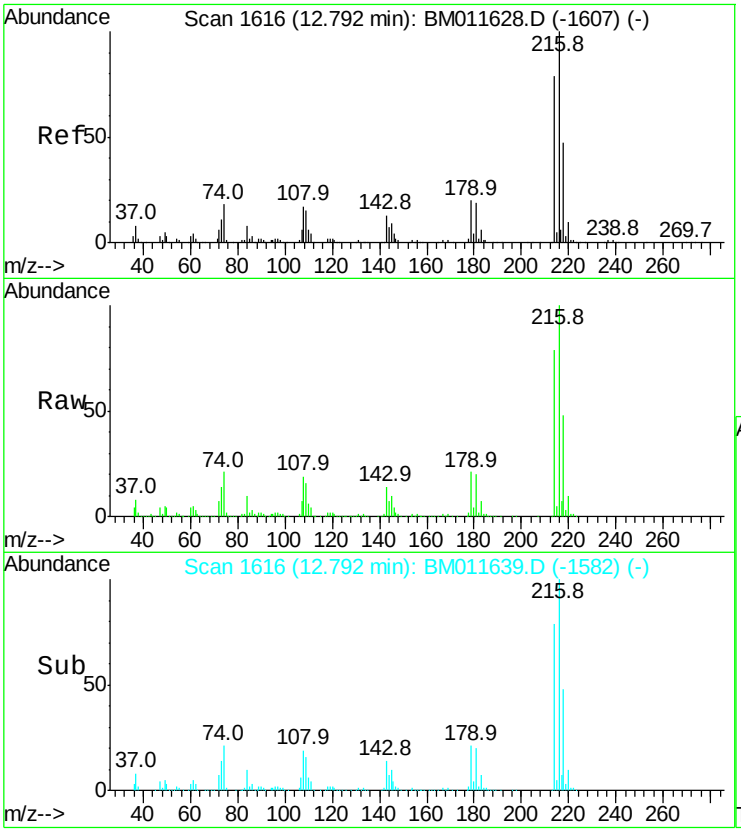


#23
2-Nitrophenol
Concen: 13.585 ng/ul
RT: 9.90 min Scan# 1124
Delta R.T. 0.02 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Tgt Ion:139 Resp: 192096

Ion	Ratio	Lower	Upper
139	100		
65	63.3	45.3	67.9
109	28.7	27.7	41.5



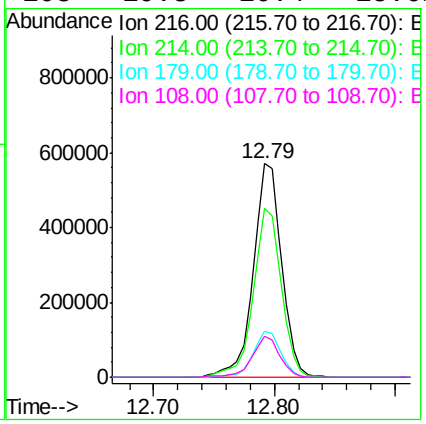


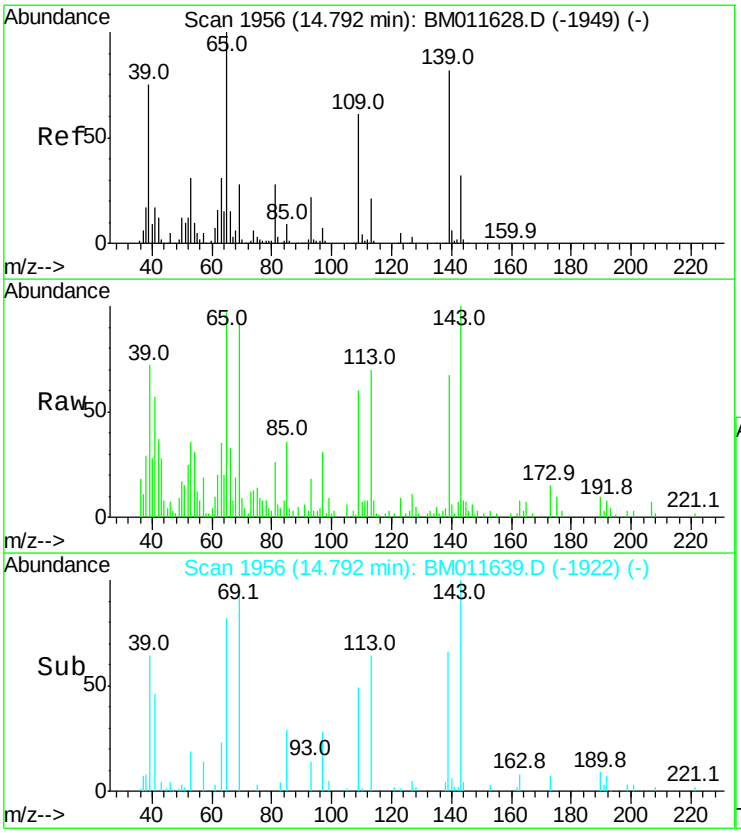
#37
1,2,4,5-Tetrachlorobenzene
Concen: 31.876 ng/ul
RT: 12.79 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Instrument :
BNA_M
ClientSampleId :
C0AD7

Tgt Ion:216 Resp: 928957

Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.1	96.1
179	21.4	14.5	21.7
108	19.3	10.4	15.6#

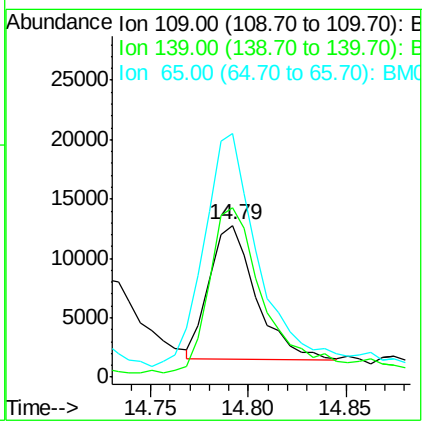


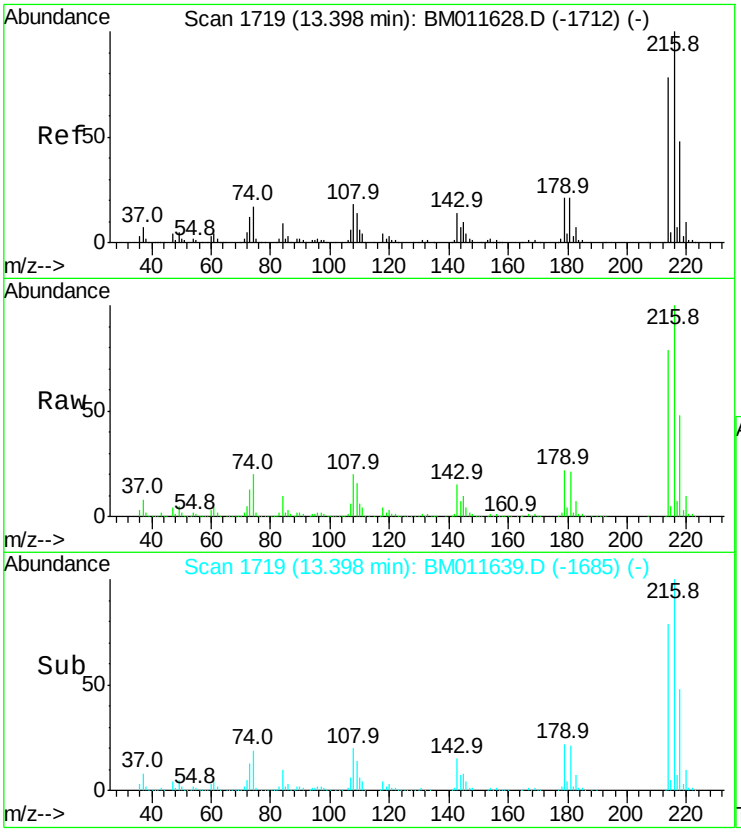


#53
4-Nitrophenol
Concen: 1.882 ng/ul
RT: 14.79 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Tgt Ion:109 Resp: 18879

Ion	Ratio	Lower	Upper
109	100		
139	111.6	91.2	136.8
65	160.4	92.6	139.0#





#73
1,2,3,4-Tetrachlorobenzene
Concen: 61.491 ng/uL
RT: 13.40 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BM011639.D
Acq: 20 Sep 2017 16:09

Instrument :
BNA_M
ClientSampleId :
C0AD7

Tgt Ion:216 Resp: 1786108

Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.1	96.1
218	47.5	39.4	59.0