Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
Data File : BM004664.D
Acq On : 17 Mar 2016 13:43
Operator : UM/SJ
Sample : H1783-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 18 05:07:03 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 05:06:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	30650	20.00	ng/ul	0.04
18) Naphthalene-d8	10.66	136	292687	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	152987	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	333698	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	371106	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	360767	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	1806	2.03	ng/uL	0.00
5) Phenol-d5	7.00	99	36602	14.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	104193	72.99	ng/ul	0.03
9) 2-Chlorophenol-d4	7.39	132	116379	57.40	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	70235	34.60	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	68692	33.75	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	73525	33.44	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	122737	28.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	8534	1.65	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	387951	32.44	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	493491	33.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	13117	5.67	ng/ul	0.00
58) Fluorene-d10	15.47	176	338130	32.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	50465	28.78	ng/ul	0.00
71) Anthracene-d10	17.32	188	515681	33.57	ng/ul	0.00
79) Pyrene-d10	19.61	212	575989	34.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	602315	37.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	2777	2.68	ng/uL	96
4) Benzaldehyde	7.02	77	2741	1.96	ng/ul#	78
6) Phenol	7.03	94	21892	8.26	ng/ul	100
10) 2-Chlorophenol	7.42	128	23858	11.15	ng/ul#	89
11) 2-Methylphenol	8.24	108	28038	13.77	ng/ul	95
17) Hexachloroethane	8.94	117	1830	2.15	ng/ul	90
20) Nitrobenzene	9.06	77	1055261	210.09	ng/ul	99
23) 2-Nitrophenol	9.76	139	64106	26.32	ng/ul	96
32) Caprolactam	11.45	113	23165	15.57	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	109276	22.36	ng/ul	98
45) Dimethylphthalate	13.93	163	23502	1.94	ng/ul	98
53) 4-Nitrophenol	14.67	109	7814	4.17	ng/ul	92
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	320522	69.81	ng/uL	100

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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Quant Title : SVOA CALIBRATION
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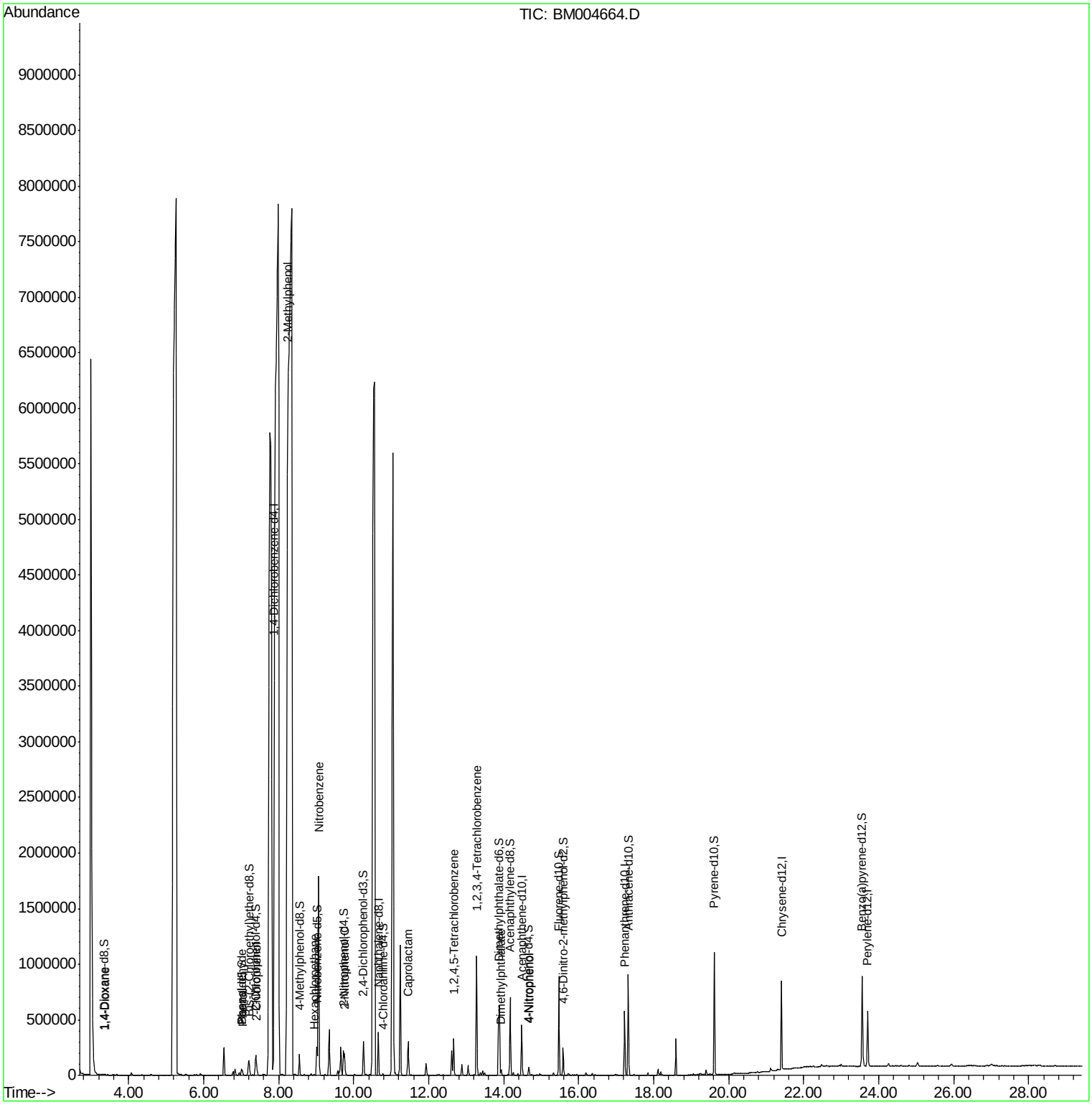
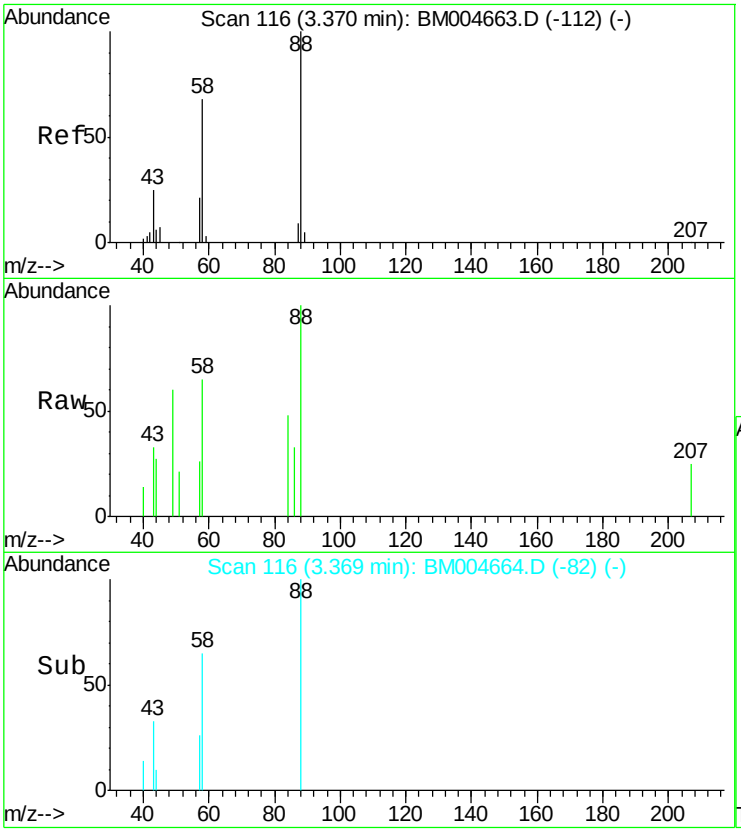


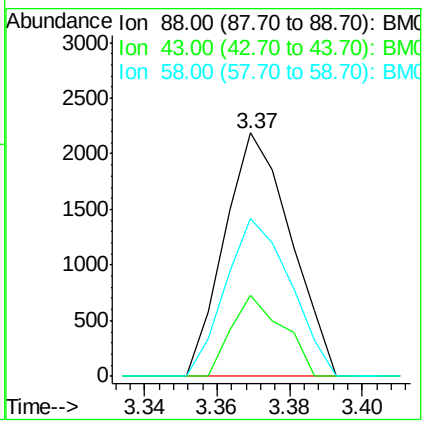


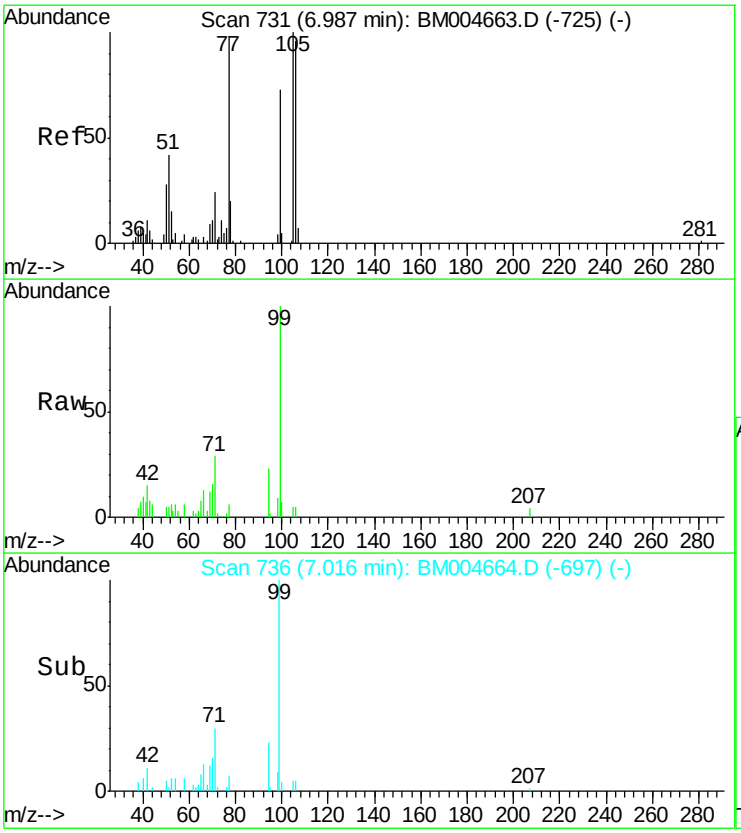
#2
1,4-Dioxane
Concen: 2.68 ng/uL
RT: 3.37 min Scan# 116
Delta R.T. -0.00 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2777

Ion	Ratio	Lower	Upper
88	100		
43	25.8	21.0	31.6
58	63.6	47.8	71.8

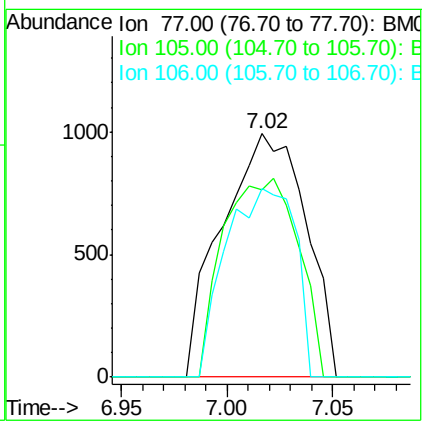


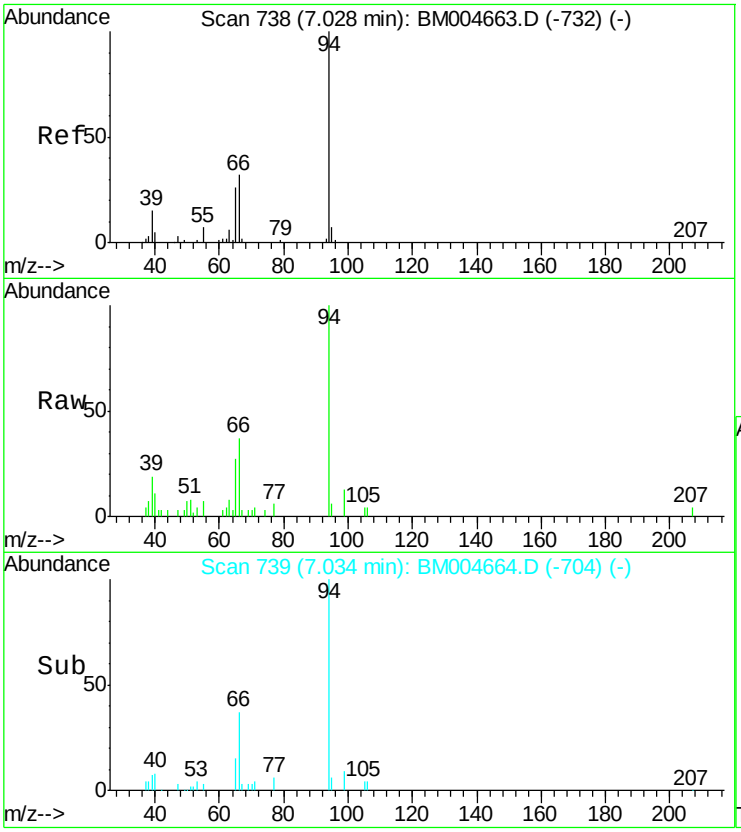


#4
Benzaldehyde
Concen: 1.96 ng/ul
RT: 7.02 min Scan# 736
Delta R.T. 0.03 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Tgt Ion: 77 Resp: 2741

Ion	Ratio	Lower	Upper
77	100		
105	76.8	80.6	120.8#
106	77.6	77.7	116.5#



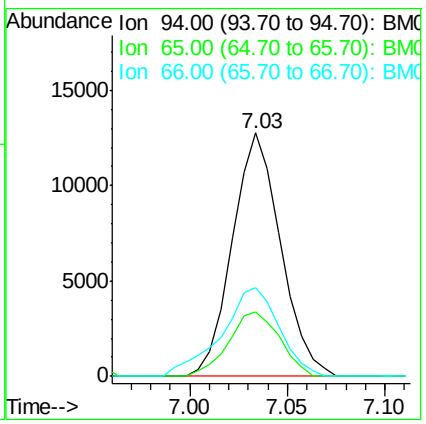


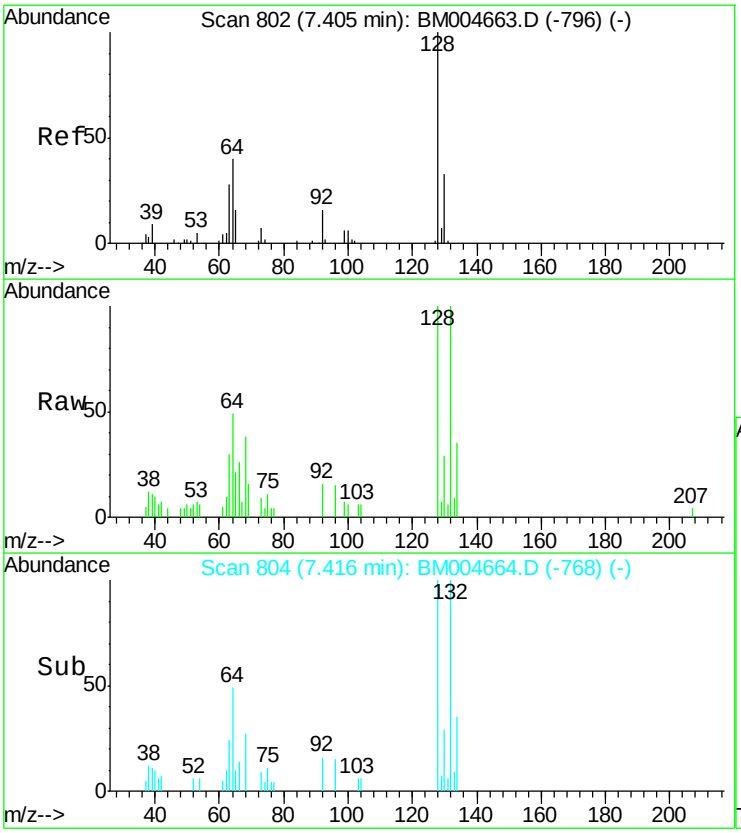
#6
Phenol
Concen: 8.26 ng/ul
RT: 7.03 min Scan# 739
Delta R.T. 0.01 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 21892

Ion	Ratio	Lower	Upper
94	100		
65	26.6	21.0	31.6
66	36.6	29.3	43.9

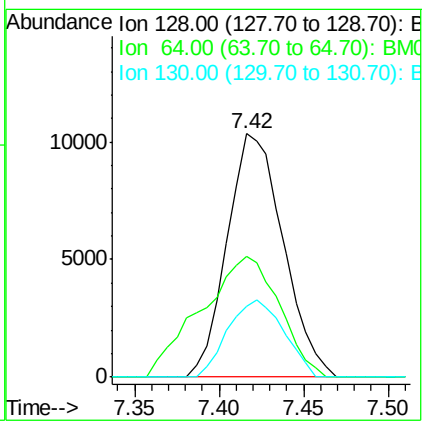


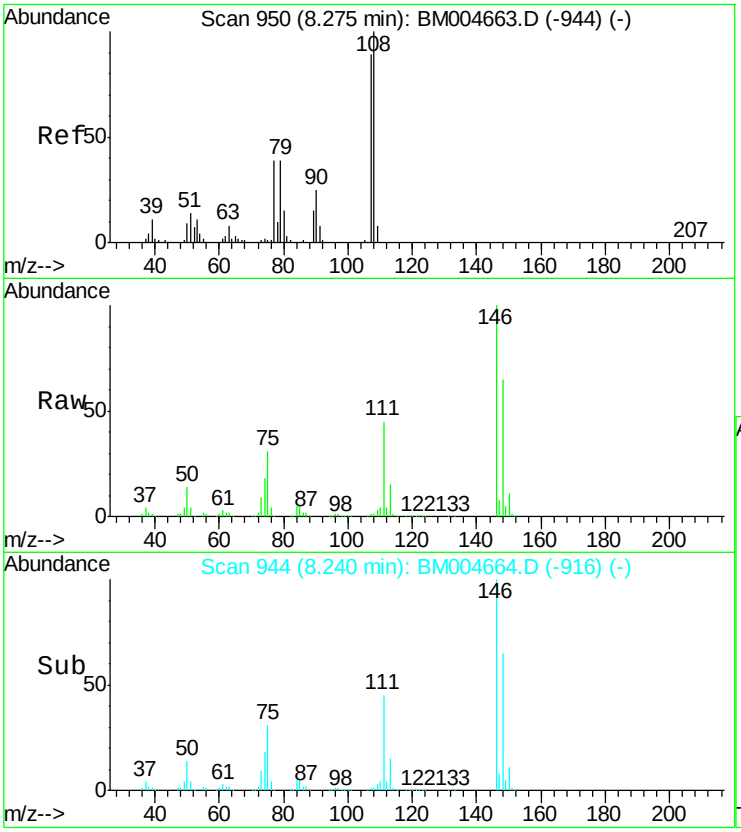


#10
2-Chlorophenol
Concen: 11.15 ng/ul
RT: 7.42 min Scan# 804
Delta R.T. 0.01 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Tgt Ion:128 Resp: 23858

Ion	Ratio	Lower	Upper
128	100		
64	49.4	31.9	47.9#
130	29.2	25.6	38.4



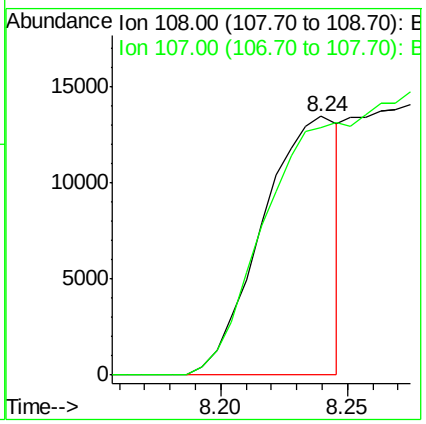


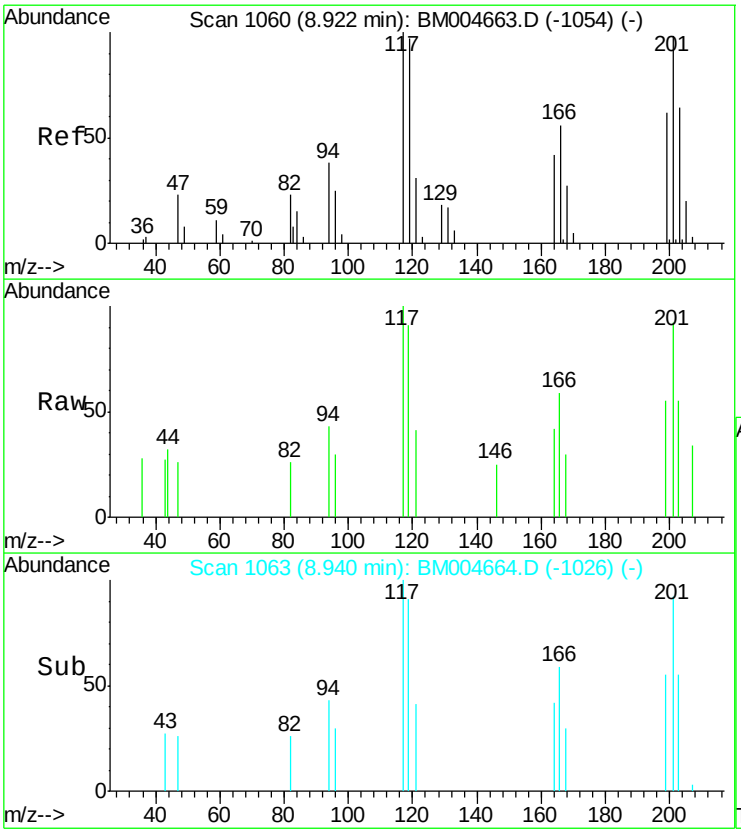
#11
2-Methylphenol
Concen: 13.77 ng/ul
RT: 8.24 min Scan# 944
Delta R.T. -0.04 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 28038

Ion	Ratio	Lower	Upper
108	100		
107	95.4	72.4	108.6

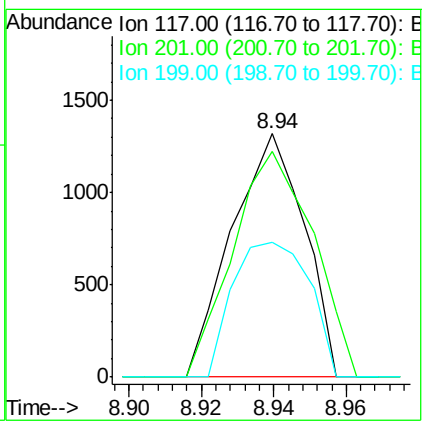


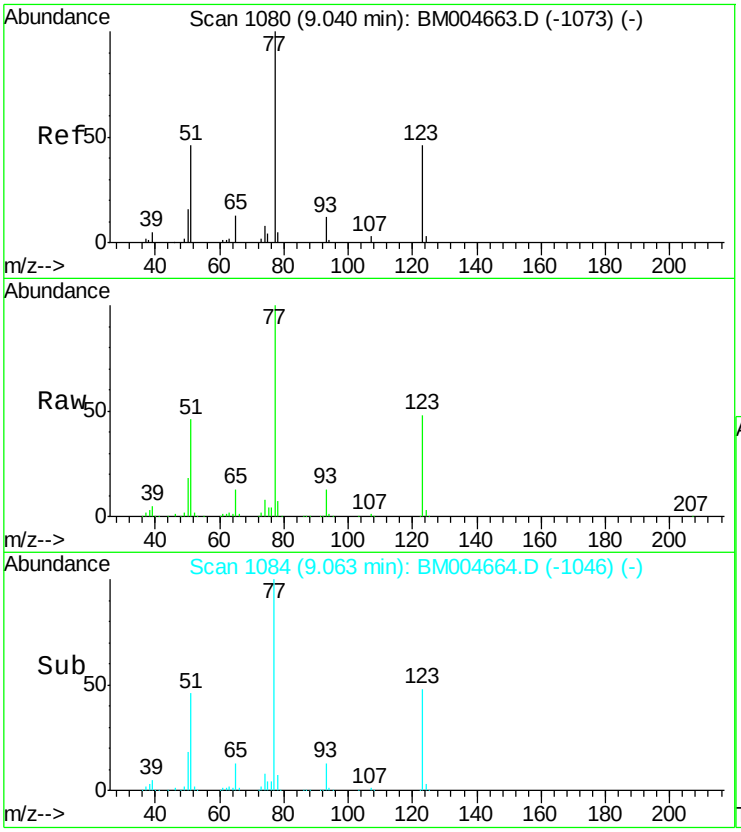


#17
Hexachloroethane
Concen: 2.15 ng/ul
RT: 8.94 min Scan# 1063
Delta R.T. 0.02 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Tgt Ion:117 Resp: 1830

Ion	Ratio	Lower	Upper
117	100		
201	92.5	81.5	122.3
199	55.5	50.6	76.0



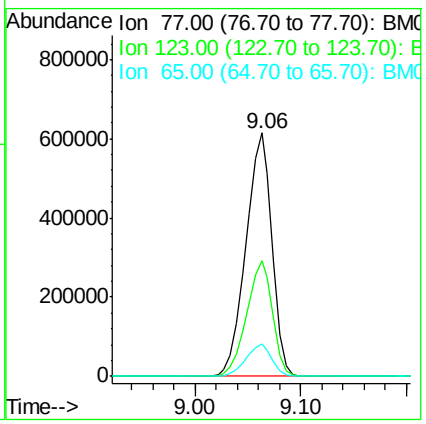


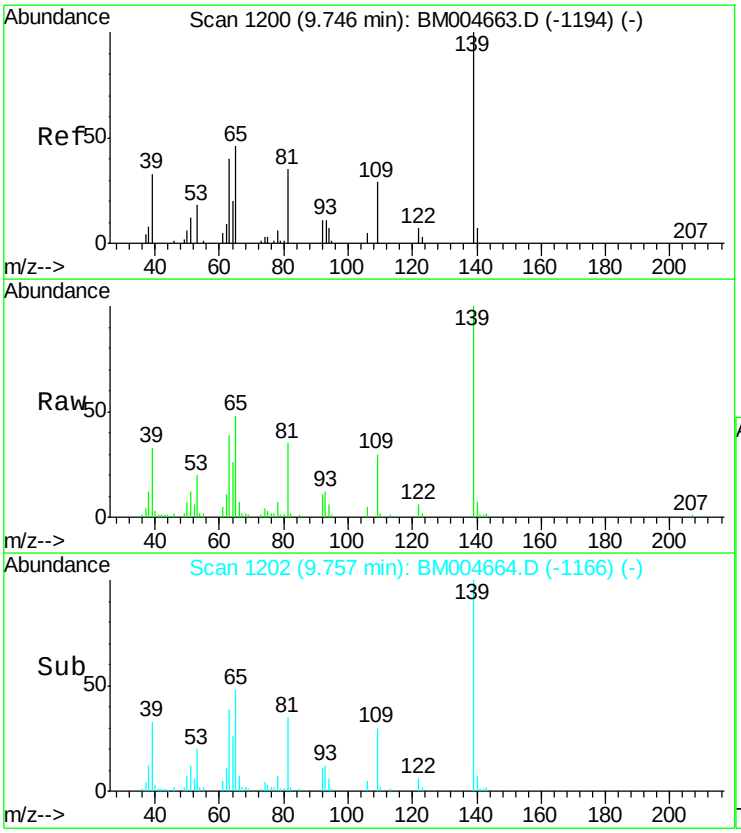
#20
Nitrobenzene
Concen: 210.09 ng/ul
RT: 9.06 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 1055261

Ion	Ratio	Lower	Upper
77	100		
123	47.6	39.0	58.4
65	13.1	10.4	15.6

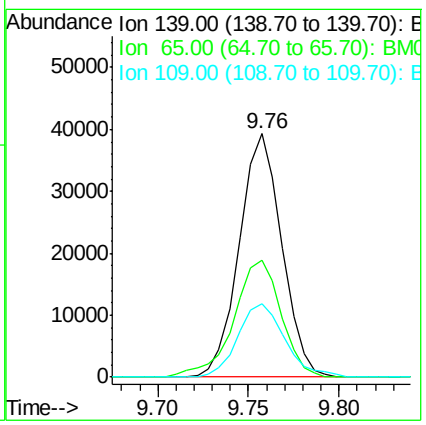


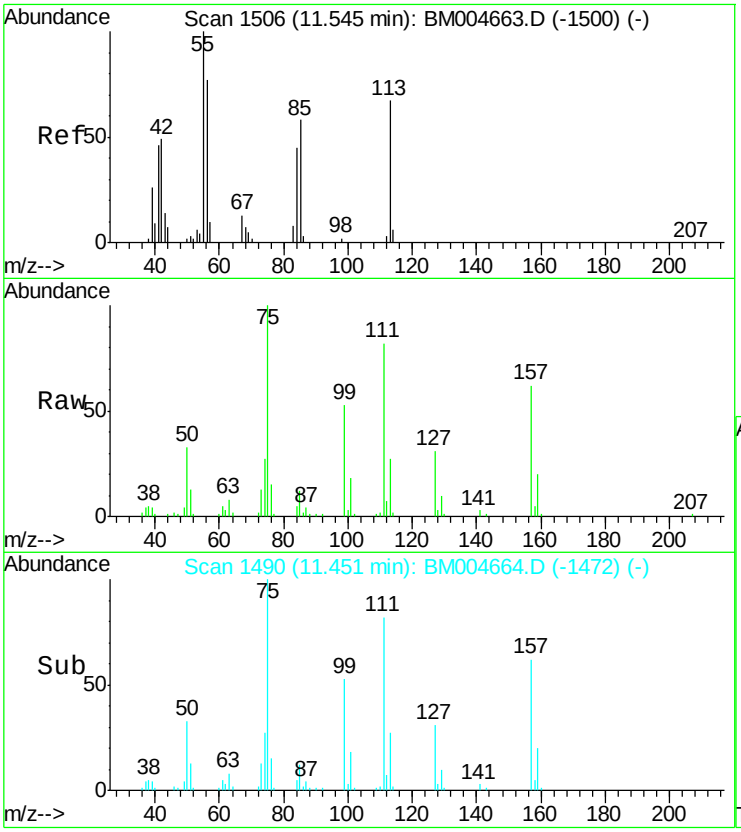


#23
2-Nitrophenol
Concen: 26.32 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Tgt Ion:139 Resp: 64106

Ion	Ratio	Lower	Upper
139	100		
65	48.2	36.3	54.5
109	30.3	26.4	39.6



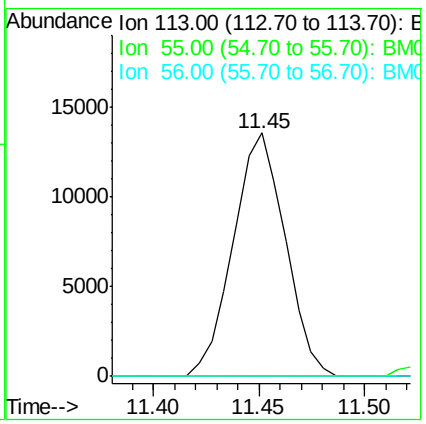


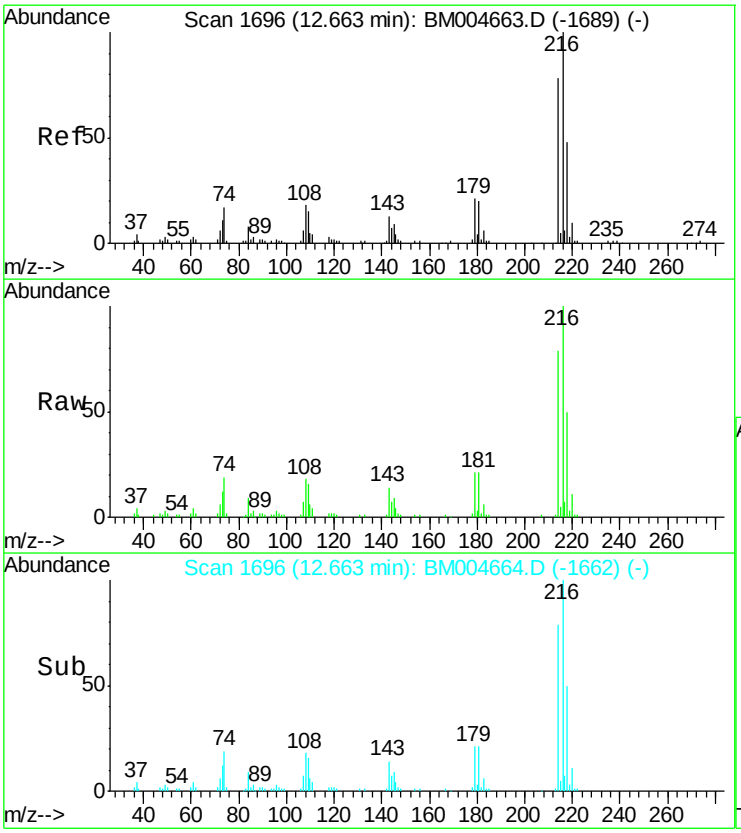
#32
Caprolactam
Concen: 15.57 ng/ul
RT: 11.45 min Scan# 1490
Delta R.T. -0.09 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 23165

Ion	Ratio	Lower	Upper
113	100		
55	0.0	101.9	152.9#
56	0.0	81.2	121.8#

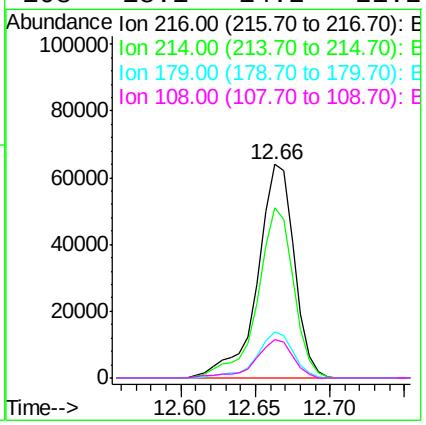


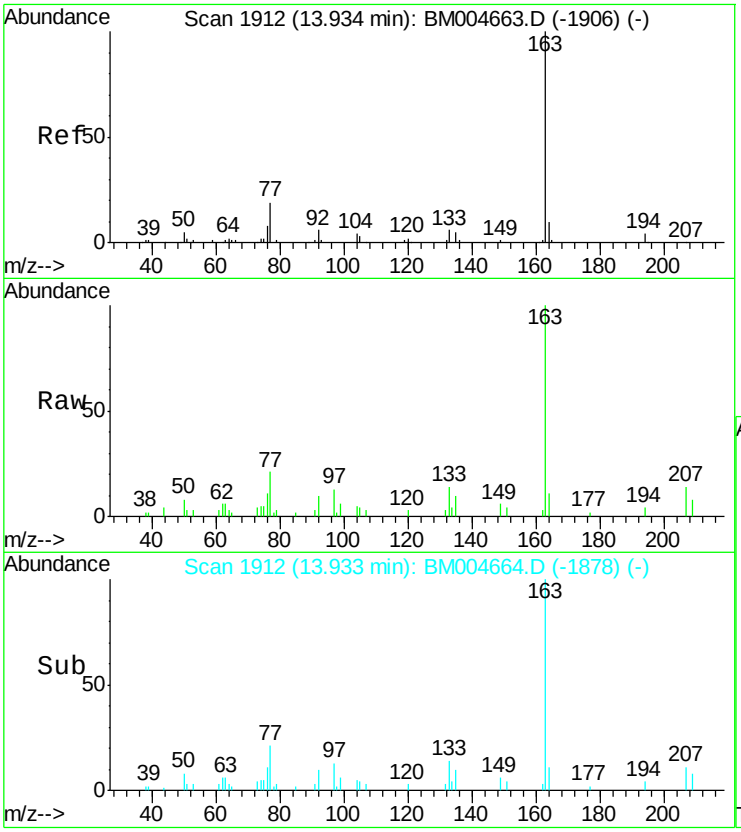


#37
1,2,4,5-Tetrachlorobenzene
Concen: 22.36 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Tgt Ion:216 Resp: 109276

Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.5	93.7
179	21.3	18.2	27.2
108	18.1	14.2	21.2



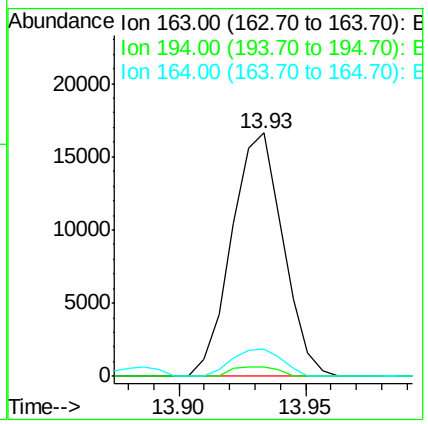


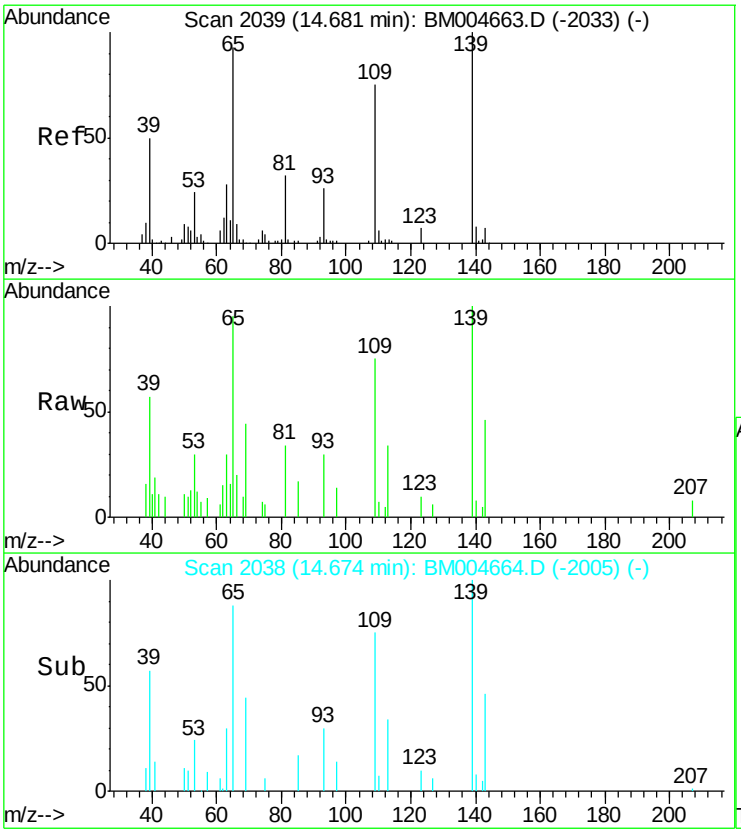
#45
Dimethylphthalate
Concen: 1.94 ng/ul
RT: 13.93 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 23502

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	11.0	7.8	11.8

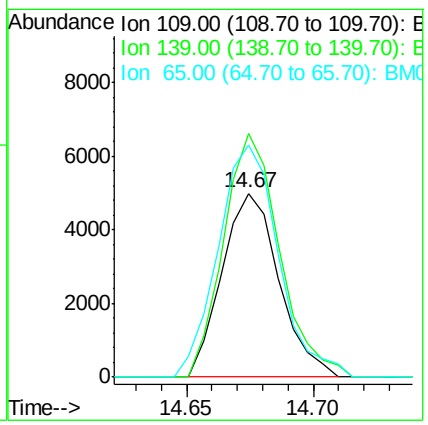


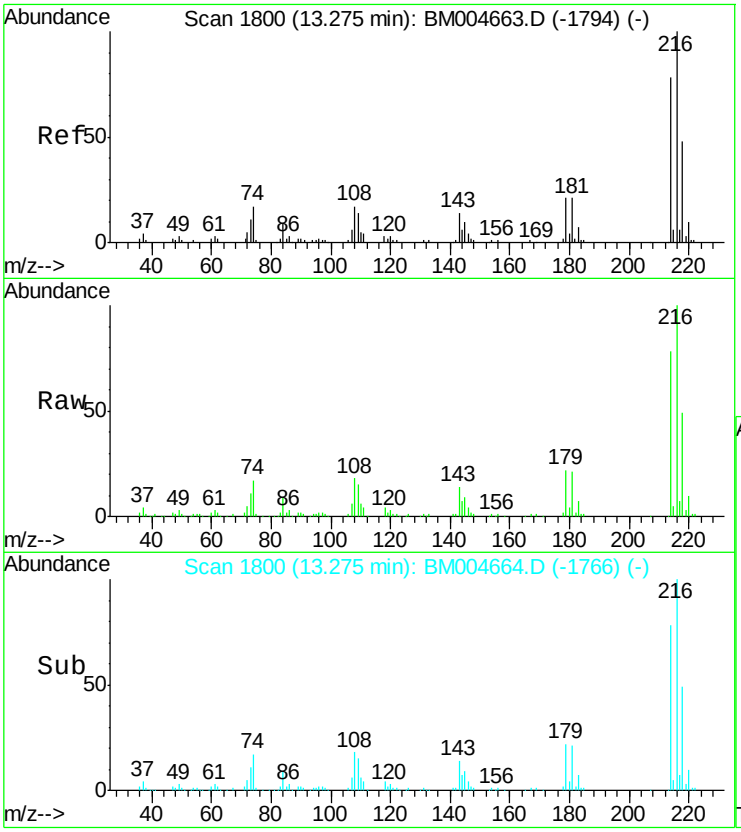


#53
4-Nitrophenol
Concen: 4.17 ng/ul
RT: 14.67 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Tgt Ion:109 Resp: 7814

Ion	Ratio	Lower	Upper
109	100		
139	132.7	103.7	155.5
65	126.6	89.4	134.2





#73
1,2,3,4-Tetrachlorobenzene
Concen: 69.81 ng/uL
RT: 13.27 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BM004664.D
Acq: 17 Mar 2016 13:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 320522

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.5	93.7
218	48.6	38.4	57.6