Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
Data File : BM004645.D
Acq On : 16 Mar 2016 21:07
Operator : UM/SJ
Sample : H1783-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 17 02:00:53 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 01:59:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	33877	20.00	ng/ul	0.02
18) Naphthalene-d8	10.68	136	237438	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.48	164	124013	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	273775	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	330694	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	328873	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	2104	2.14	ng/uL	0.00
5) Phenol-d5	7.00	99	37641	13.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	109710	69.53	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	120811	53.91	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	71863	32.03	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	68471	41.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	71976	40.36	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	133093	38.04	ng/ul	0.01
29) 4-Chloroaniline-d4	10.79	131	2123	0.51	ng/ul	0.02
44) Dimethylphthalate-d6	13.89	166	395336	40.78	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	506636	42.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	12873	6.87	ng/ul	0.00
58) Fluorene-d10	15.47	176	350268	41.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	50814	35.32	ng/ul	0.00
71) Anthracene-d10	17.32	188	536692	42.58	ng/ul	0.00
79) Pyrene-d10	19.61	212	626903	41.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	692741	47.16	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.00	77	1875	1.21	ng/ul#	71
10) 2-Chlorophenol	7.42	128	88791	37.53	ng/ul	95
11) 2-Methylphenol	8.24	108	32105	14.26	ng/ul	93
14) Acetophenone	8.67	105	4390	1.25	ng/ul#	82
17) Hexachloroethane	8.86	117	2407	2.56	ng/ul#	7
20) Nitrobenzene	9.05	77	5603	1.38	ng/ul	89
23) 2-Nitrophenol	9.76	139	2919	1.48	ng/ul#	67
27) 2,4-Dichlorophenol	10.29	162	154110	42.76	ng/ul	99
28) Naphthalene	10.72	128	36419	2.94	ng/ul	98
30) 4-Chloroaniline	10.72	127	4538	1.03	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	321588	81.17	ng/ul	99
39) 2,4,6-Trichlorophenol	12.97	196	6589	2.52	ng/ul	91
40) 2,4,5-Trichlorophenol	12.97	196	6589	2.33	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.59	198	2654	1.70	ng/ul#	39
73) 1,2,3,4-Tetrachlorobenzene	13.28	216	1270029	337.17	ng/uL	98
74) Pentachlorobenzene	14.79	250	58184	16.01	ng/uL	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
Data File : BM004645.D
Acq On : 16 Mar 2016 21:07
Operator : UM/SJ
Sample : H1783-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Mar 17 02:00:53 2016
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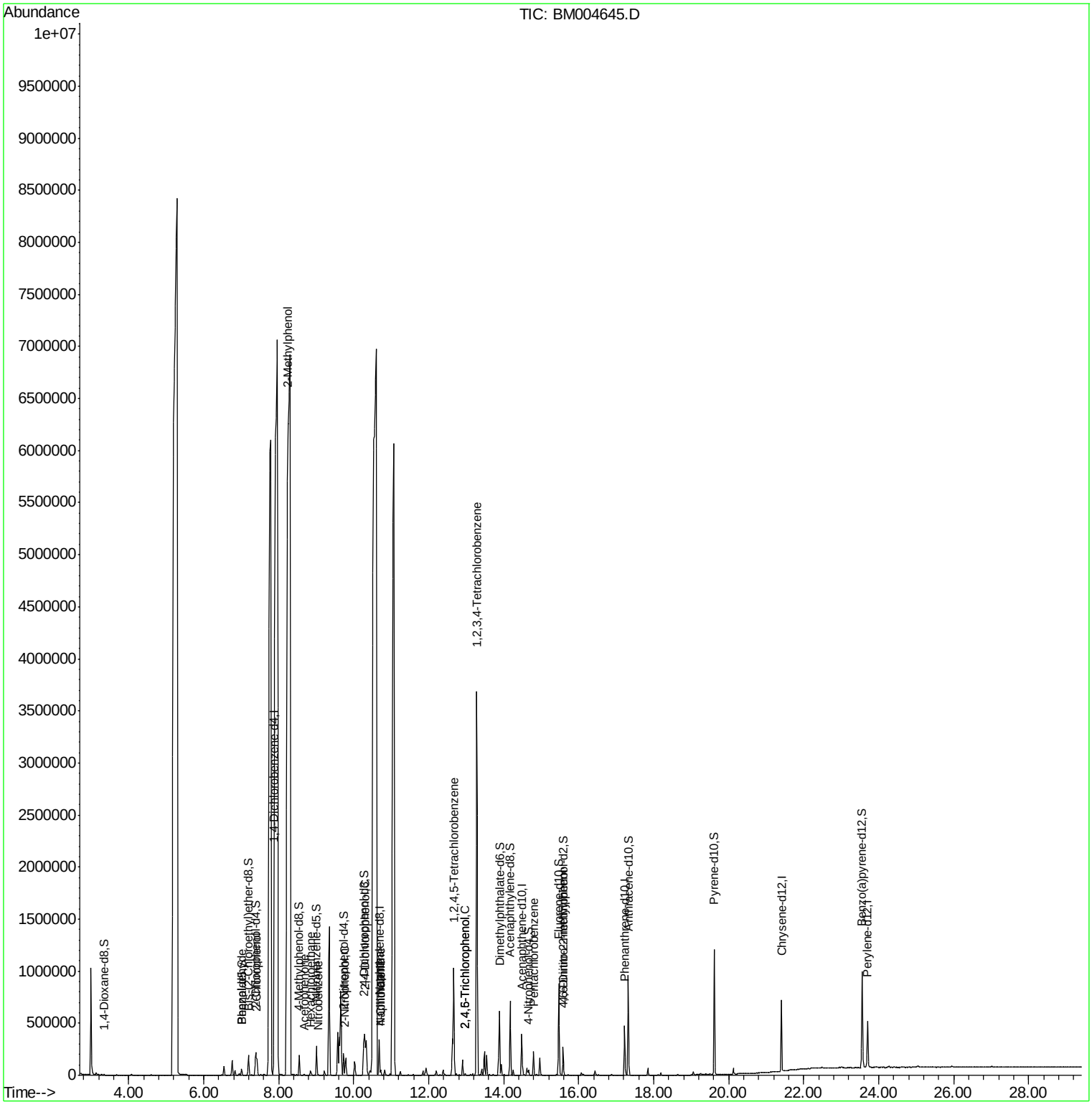
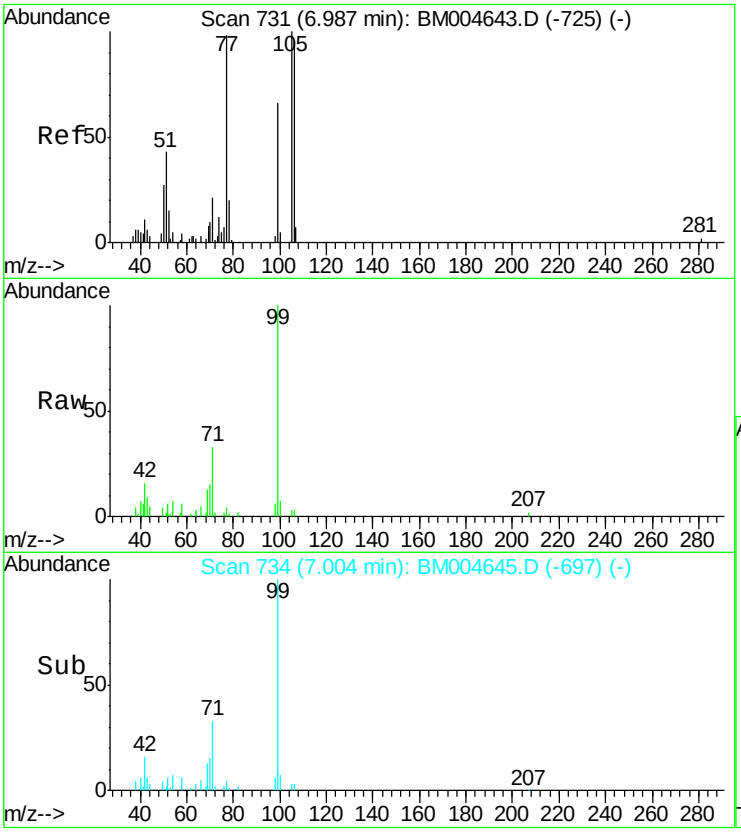
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 01:59:21 2016
Response via : Initial Calibration



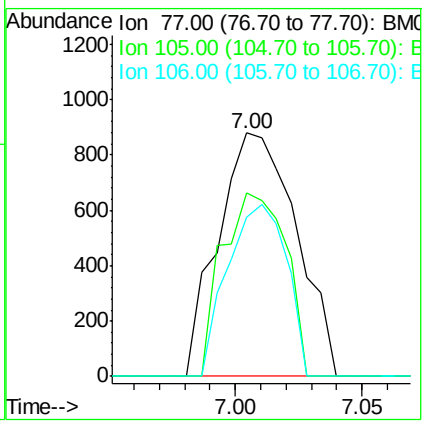


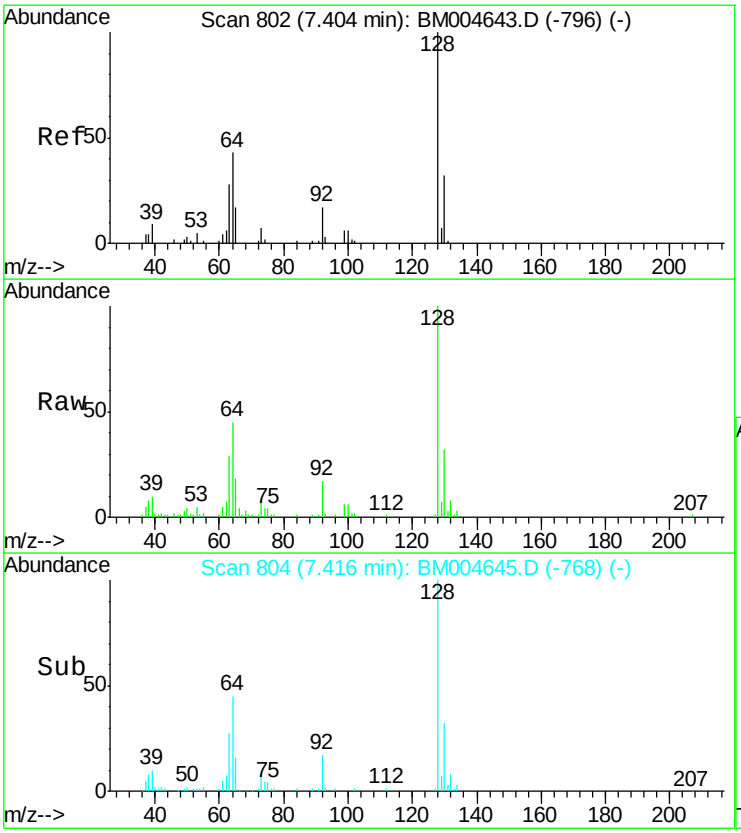
#4
Benzaldehyde
Concen: 1.21 ng/ul
RT: 7.00 min Scan# 734
Delta R.T. 0.02 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 1875

Ion	Ratio	Lower	Upper
77	100		
105	75.5	80.6	120.8#
106	65.3	77.7	116.5#

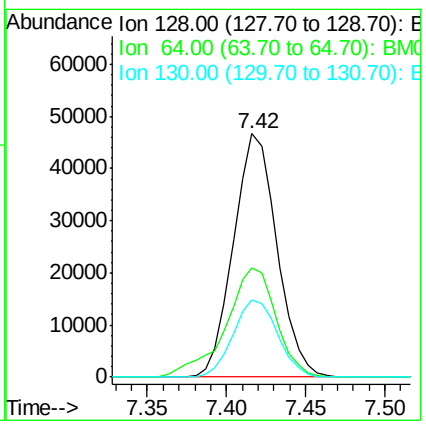


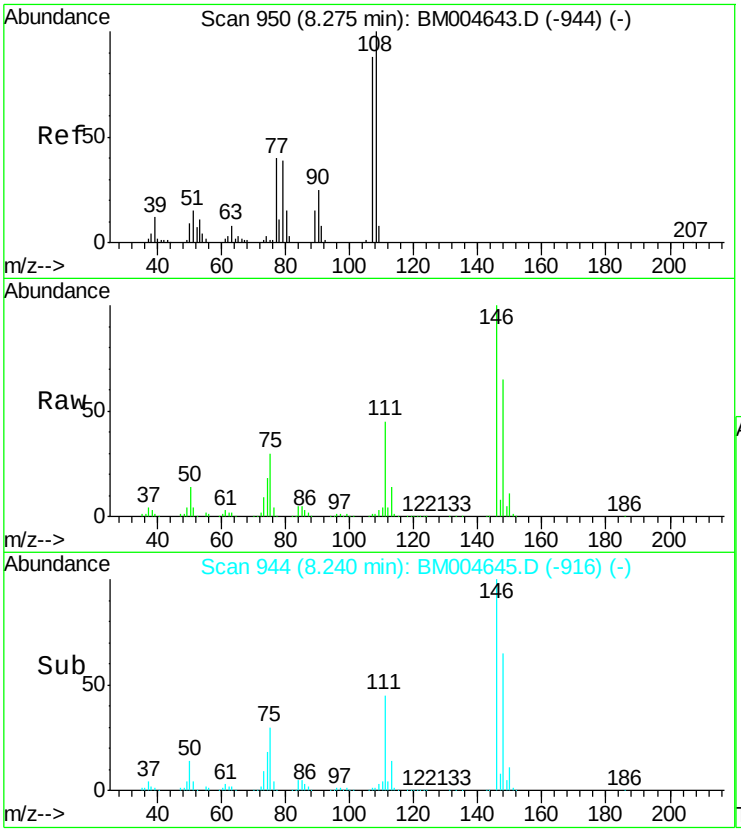


#10
2-Chlorophenol
Concen: 37.53 ng/ul
RT: 7.42 min Scan# 804
Delta R.T. 0.01 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Tgt Ion:128 Resp: 88791

Ion	Ratio	Lower	Upper
128	100		
64	44.8	31.9	47.9
130	31.7	25.6	38.4



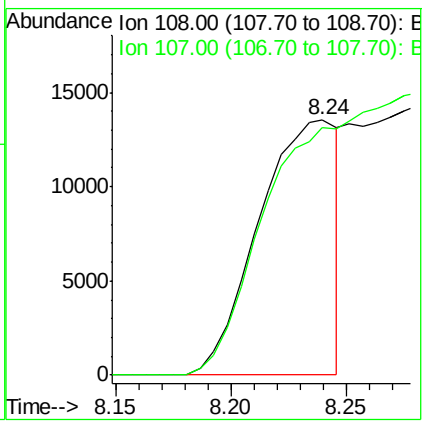


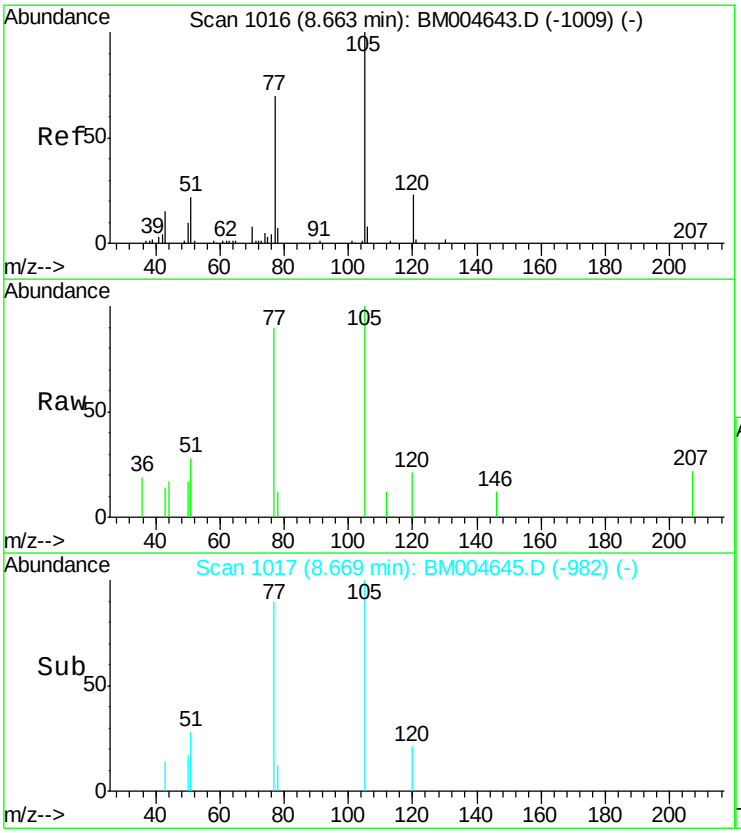
#11
2-Methylphenol
Concen: 14.26 ng/ul
RT: 8.24 min Scan# 944
Delta R.T. -0.04 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 32105

Ion	Ratio	Lower	Upper
108	100		
107	96.9	72.4	108.6

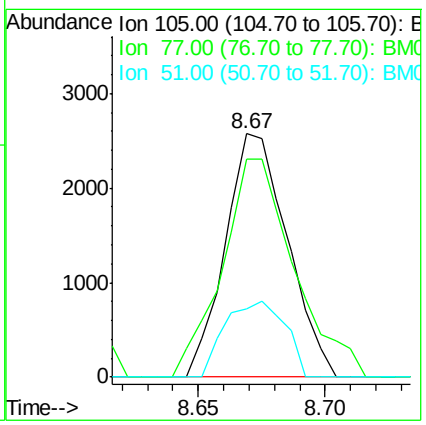


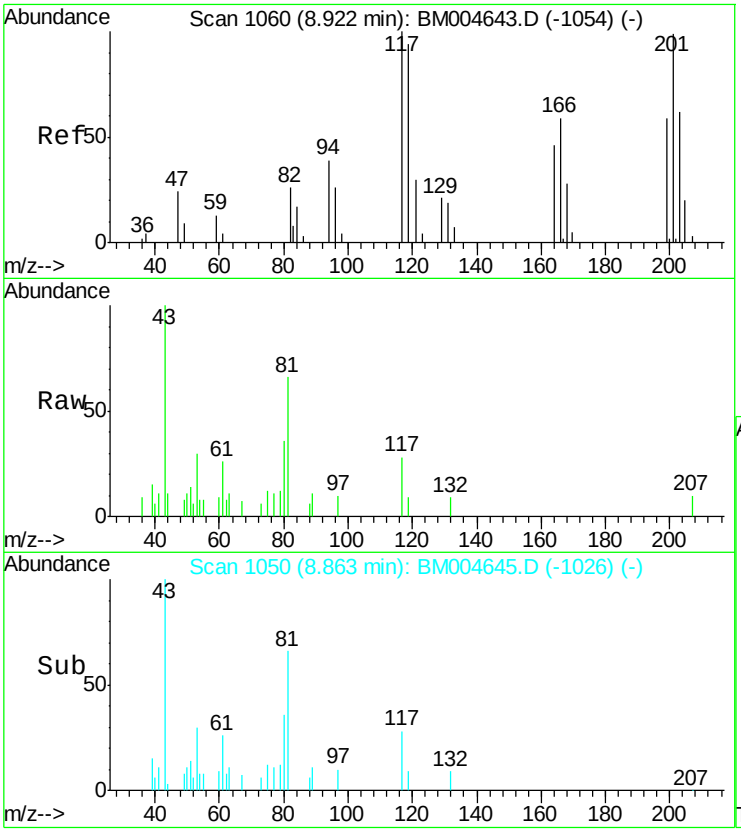


#14
Acetophenone
Concen: 1.25 ng/ul
RT: 8.67 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Tgt Ion:105 Resp: 4390

Ion	Ratio	Lower	Upper
105	100		
77	89.5	59.0	88.4#
51	28.1	16.4	24.6#



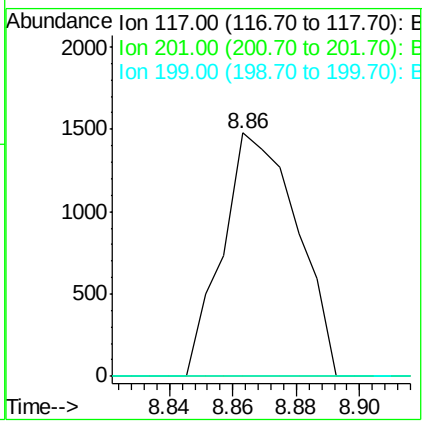


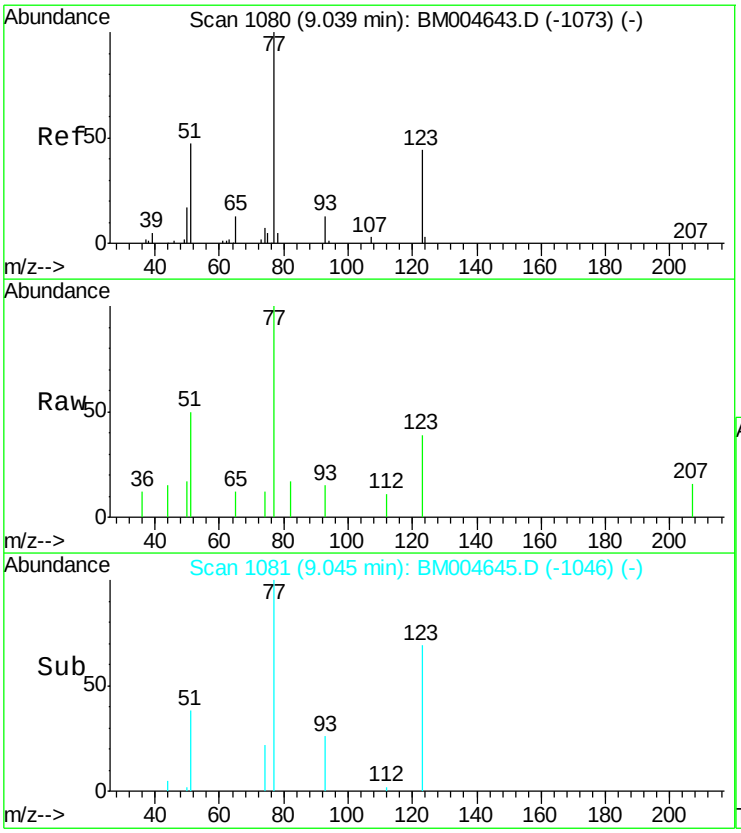
#17
Hexachloroethane
Concen: 2.56 ng/ul
RT: 8.86 min Scan# 1050
Delta R.T. -0.06 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 2407

Ion	Ratio	Lower	Upper
117	100		
201	0.0	81.5	122.3#
199	0.0	50.6	76.0#

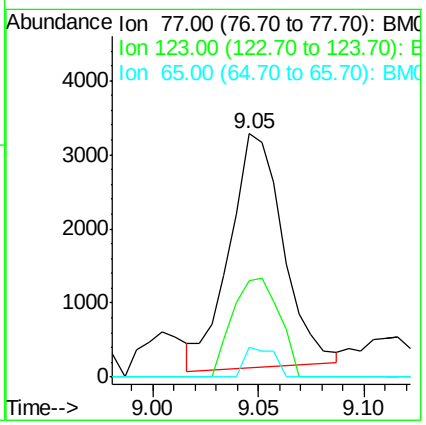


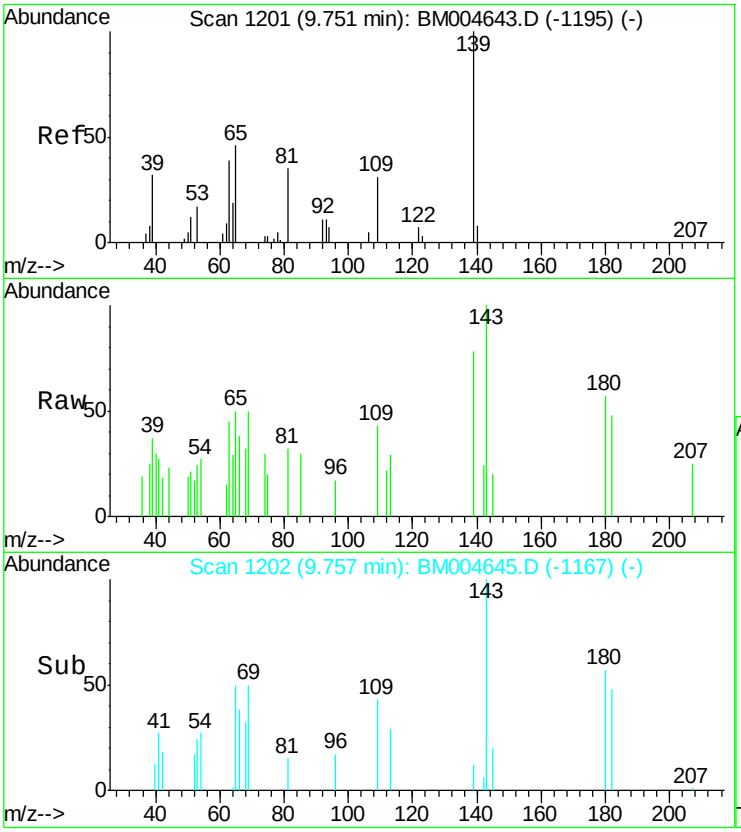


#20
Nitrobenzene
Concen: 1.38 ng/ul
RT: 9.05 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Tgt Ion: 77 Resp: 5603

Ion	Ratio	Lower	Upper
77	100		
123	39.4	39.0	58.4
65	12.5	10.4	15.6



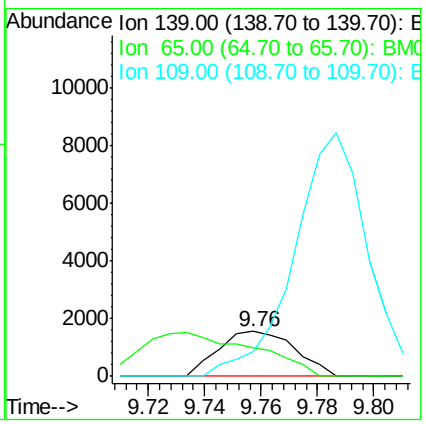


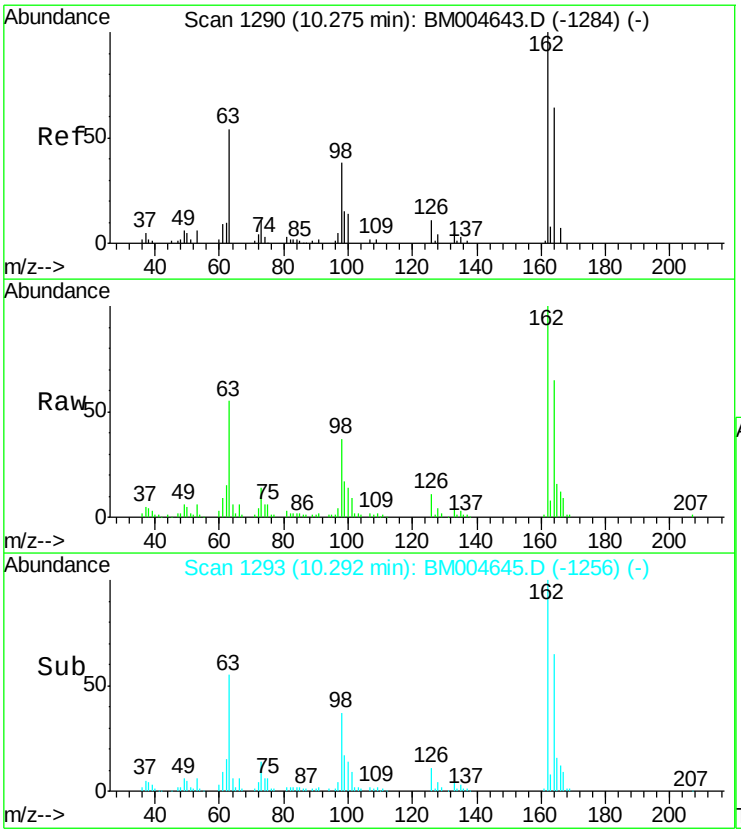
#23
2-Nitrophenol
Concen: 1.48 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 2919

Ion	Ratio	Lower	Upper
139	100		
65	64.0	36.3	54.5#
109	55.4	26.4	39.6#

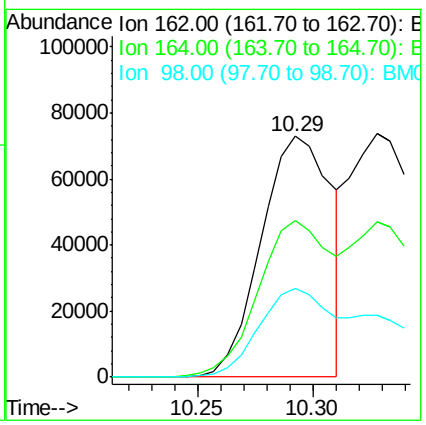


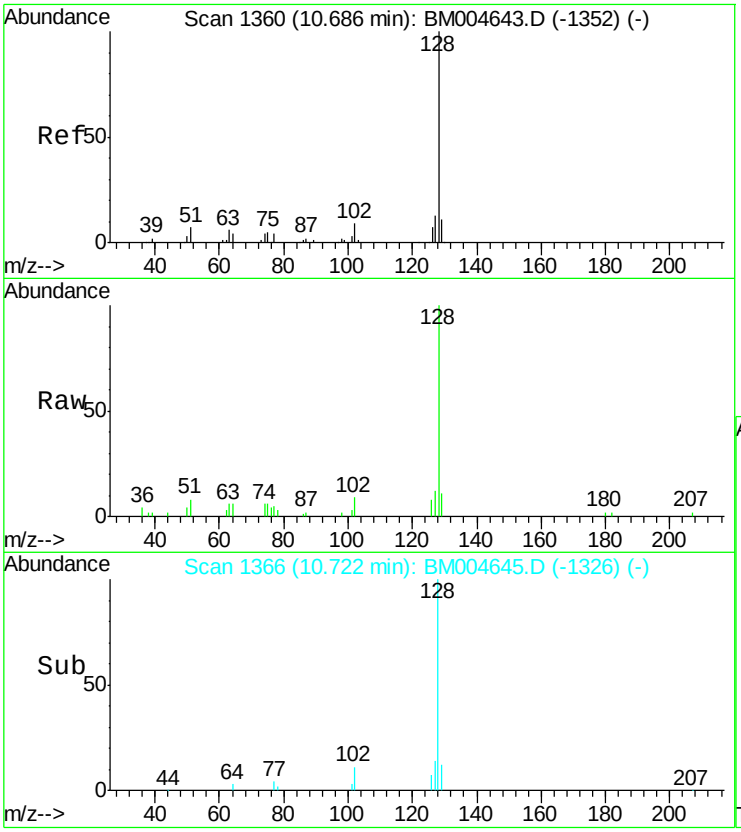


#27
2,4-Dichlorophenol
Concen: 42.76 ng/ul
RT: 10.29 min Scan# 1293
Delta R.T. 0.02 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Tgt Ion:162 Resp: 154110

Ion	Ratio	Lower	Upper
162	100		
164	64.8	52.1	78.1
98	36.9	28.4	42.6



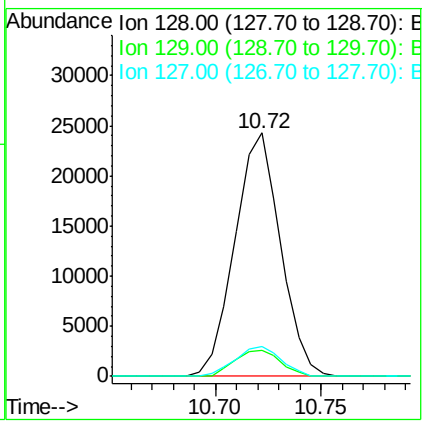


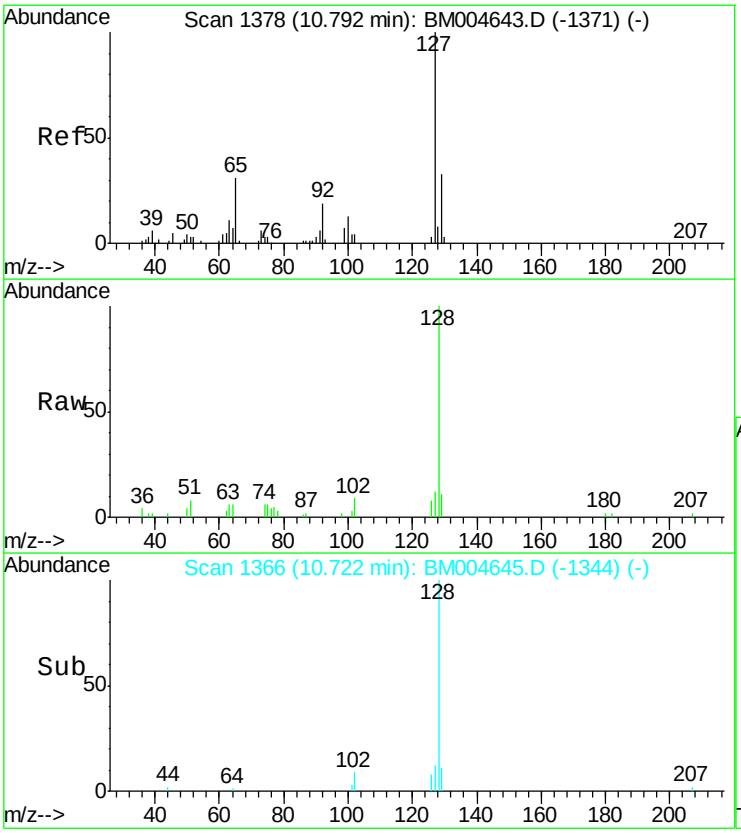
#28
Naphthalene
Concen: 2.94 ng/ul
RT: 10.72 min Scan# 1366
Delta R.T. 0.04 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 36419

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.2	10.5	15.7

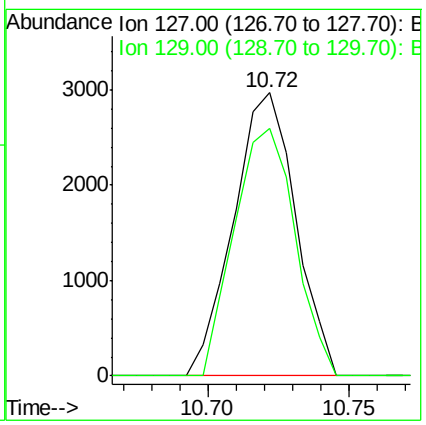


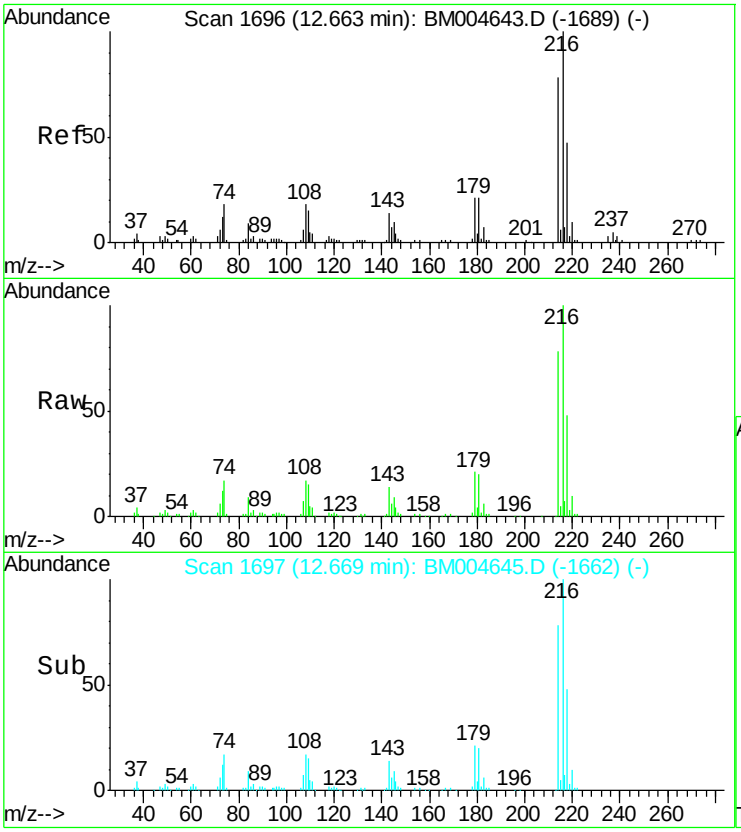


#30
4-Chloroaniline
Concen: 1.03 ng/ul
RT: 10.72 min Scan# 1366
Delta R.T. -0.07 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Tgt Ion:127 Resp: 4538

Ion	Ratio	Lower	Upper
127	100		
129	87.4	25.4	38.2#



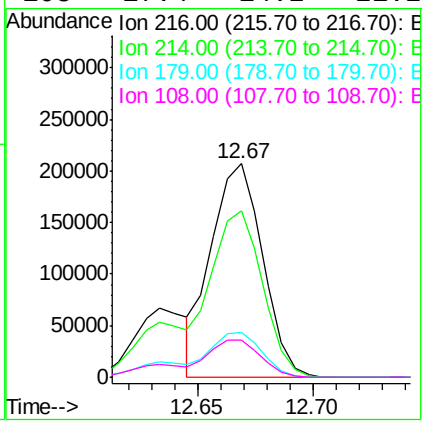


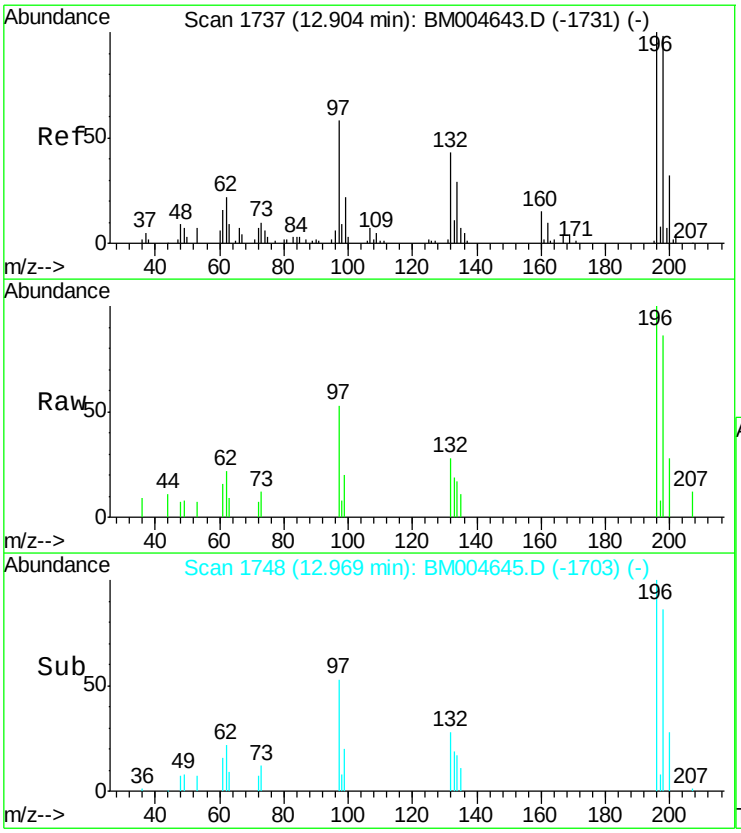
#37
1,2,4,5-Tetrachlorobenzene
Concen: 81.17 ng/ul
RT: 12.67 min Scan# 1697
Delta R.T. 0.01 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 321588

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.5	93.7
179	21.1	18.2	27.2
108	17.4	14.2	21.2

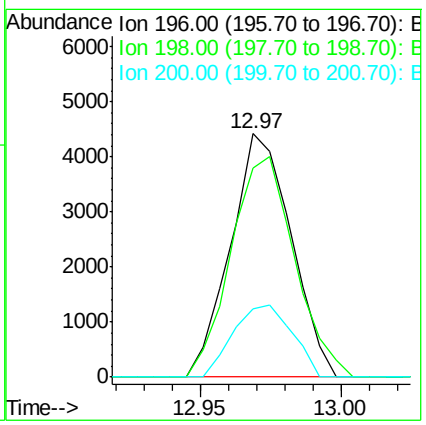


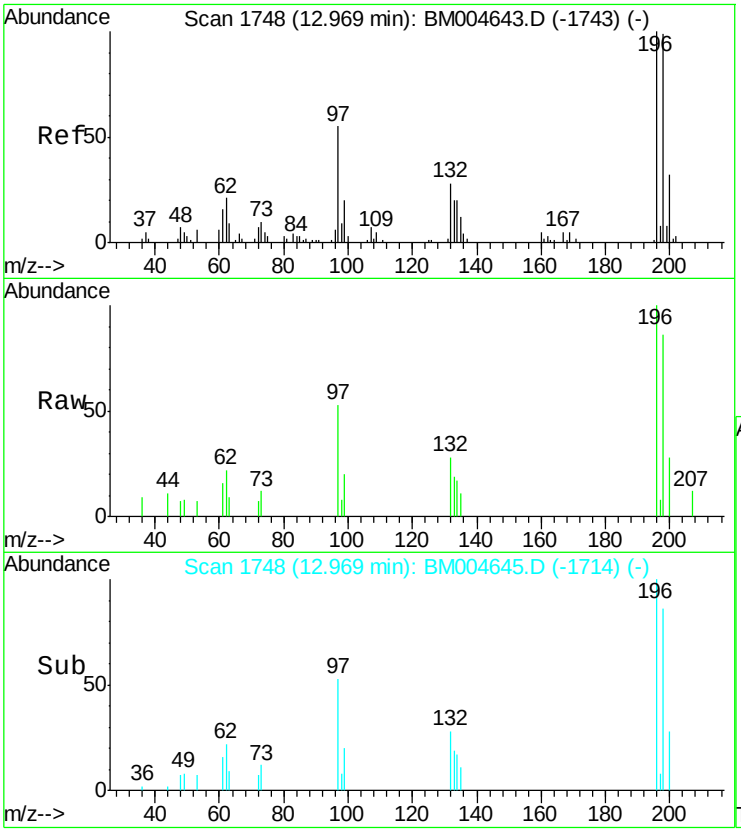


#39
2,4,6-Trichlorophenol
Concen: 2.52 ng/ul
RT: 12.97 min Scan# 1748
Delta R.T. 0.06 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Tgt Ion:196 Resp: 6589

Ion	Ratio	Lower	Upper
196	100		
198	85.7	76.6	114.8
200	27.9	24.7	37.1



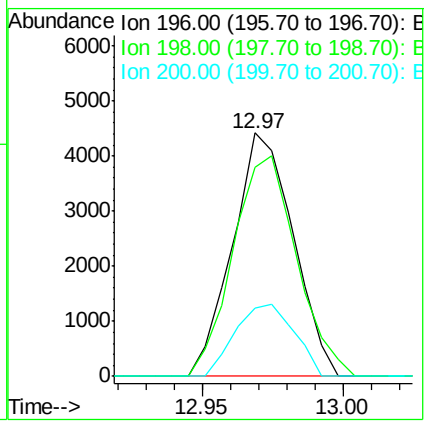


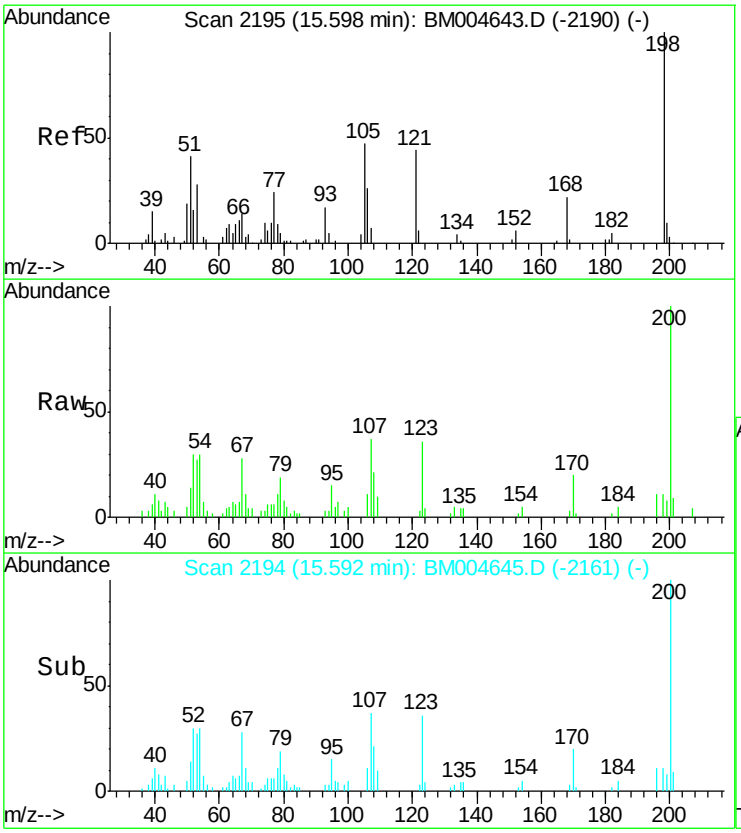
#40
2,4,5-Trichlorophenol
Concen: 2.33 ng/ul
RT: 12.97 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 6589

Ion	Ratio	Lower	Upper
196	100		
198	85.7	76.9	115.3
200	27.9	25.0	37.4

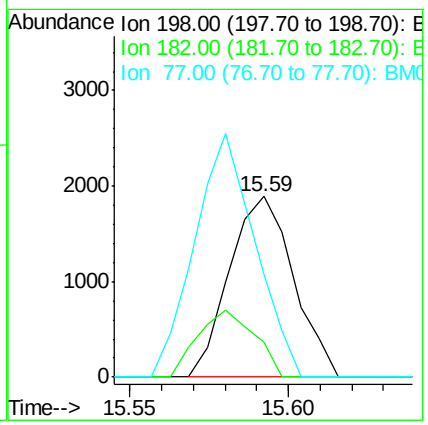


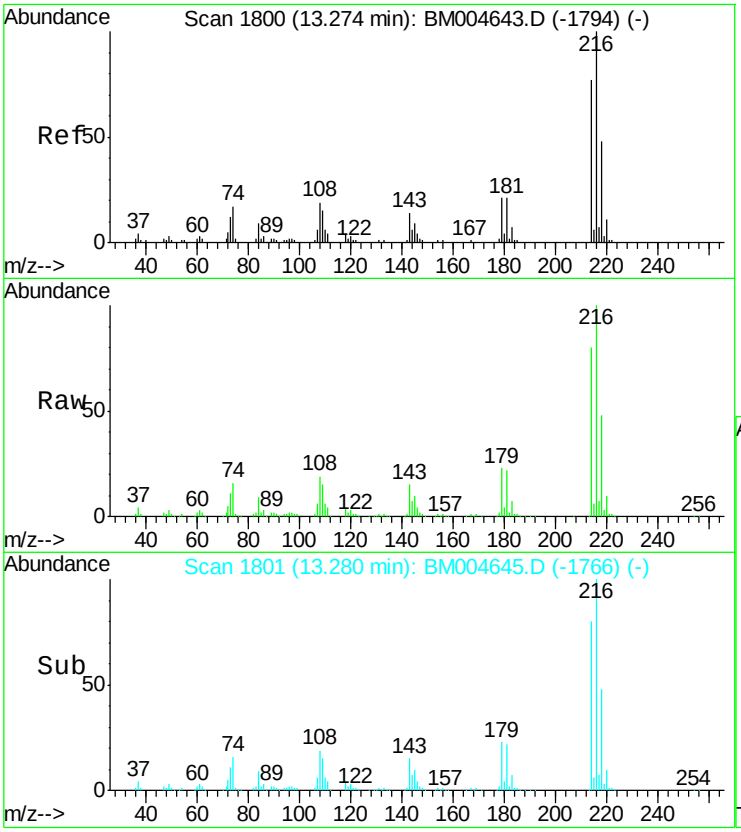


#64
4,6-Dinitro-2-methylphenol
Concen: 1.70 ng/ul
RT: 15.59 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Tgt Ion:198 Resp: 2654

Ion	Ratio	Lower	Upper
198	100		
182	19.6	3.1	4.7#
77	56.9	20.1	30.1#



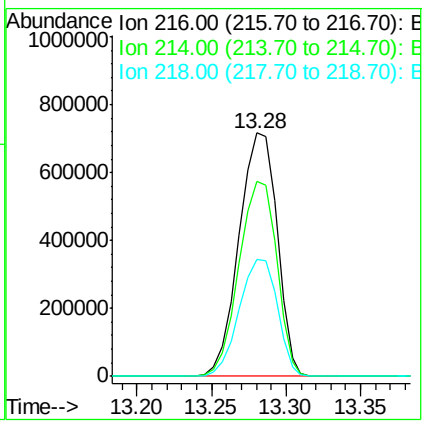


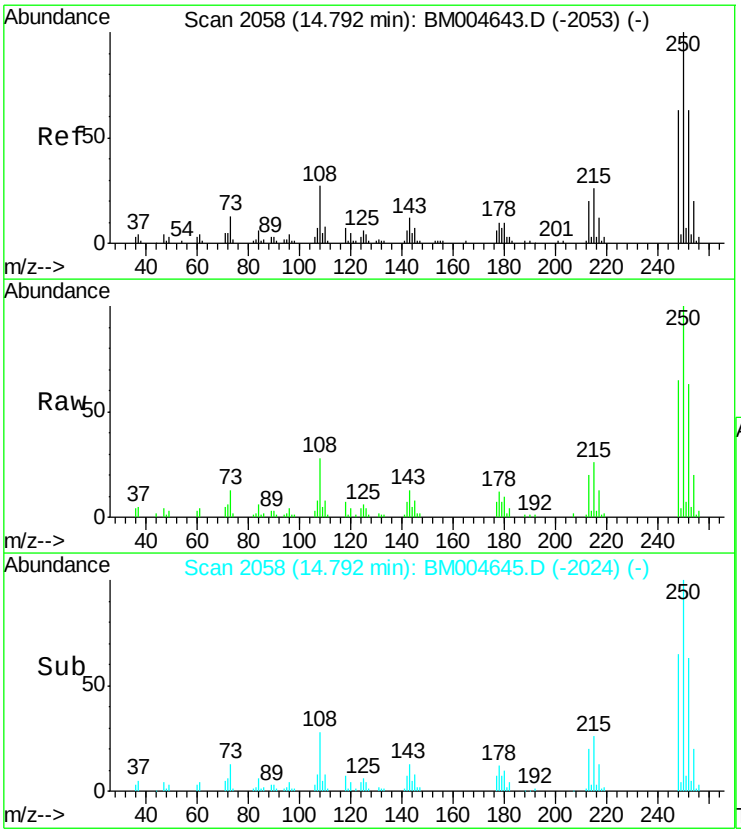
#73
1,2,3,4-Tetrachlorobenzene
Concen: 337.17 ng/uL
RT: 13.28 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 1270029

Ion	Ratio	Lower	Upper
216	100		
214	80.3	62.5	93.7
218	48.1	38.4	57.6





#74
Pentachlorobenzene
Concen: 16.01 ng/uL
RT: 14.79 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM004645.D
Acq: 16 Mar 2016 21:07

Tgt Ion:250 Resp: 58184

Ion	Ratio	Lower	Upper
250	100		
248	64.7	50.6	75.8
252	62.8	51.4	77.0