Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
Data File : BM004638.D
Acq On : 16 Mar 2016 16:15
Operator : UM/SJ
Sample : H1783-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 17 00:59:00 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 00:56:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	50064	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	273871	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.48	164	143790	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	319700	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	373741	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	371630	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	2257	1.56	ng/uL	0.00
5) Phenol-d5	7.00	99	40069	9.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	109158	46.82	ng/ul	0.01
9) 2-Chlorophenol-d4	7.38	132	120569	36.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	73663	22.21	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	67621	35.50	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	70855	34.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	124304	30.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	7415	1.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	398125	35.42	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	502626	36.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	10904	5.02	ng/ul	0.00
58) Fluorene-d10	15.47	176	353430	36.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	45372	27.00	ng/ul	0.00
71) Anthracene-d10	17.32	188	550890	37.43	ng/ul	0.00
79) Pyrene-d10	19.61	212	630371	36.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	687158	41.40	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.23	108	40018	12.03	ng/ul	98
20) Nitrobenzene	9.05	77	591591	125.87	ng/ul	96
32) Caprolactam	11.45	113	8097	5.82	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	114317	24.89	ng/ul	98
46) 2,6-Dinitrotoluene	13.89	165	2815	1.39	ng/ul#	44
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	327940	74.56	ng/uL	99
74) Pentachlorobenzene	14.79	250	11845	2.79	ng/uL	97

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

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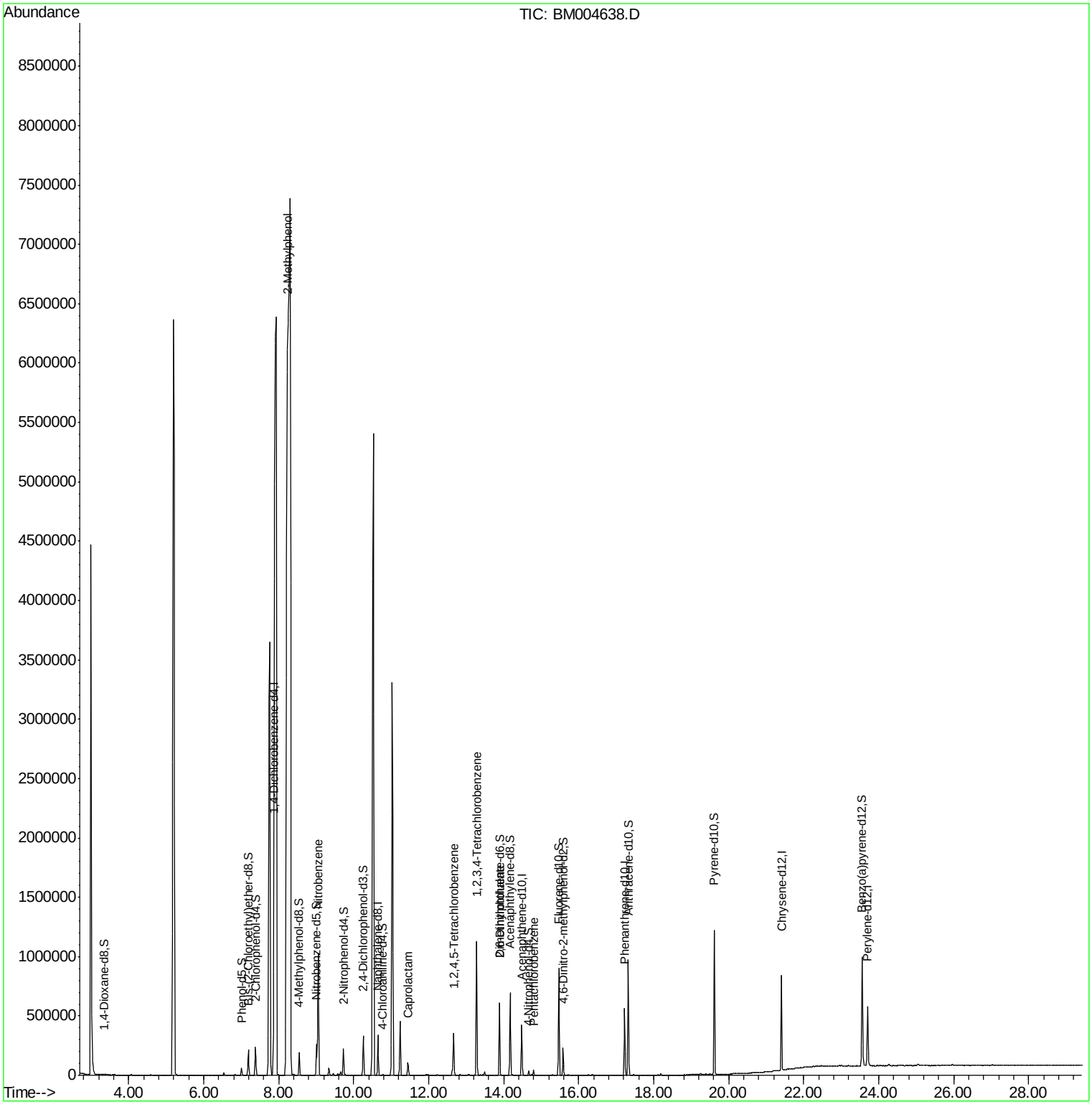
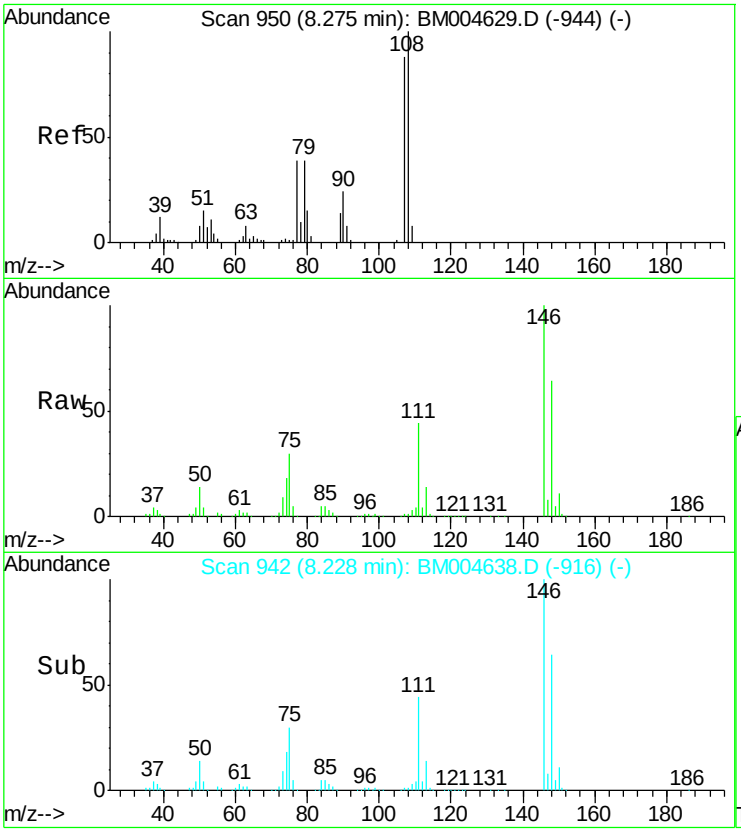


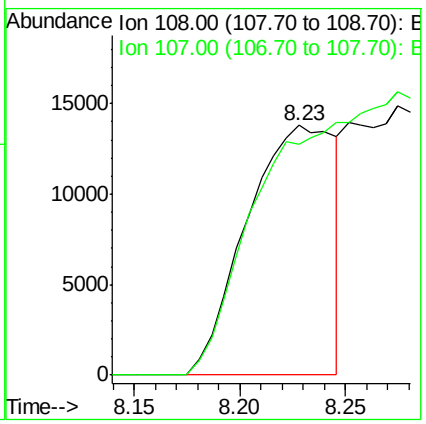


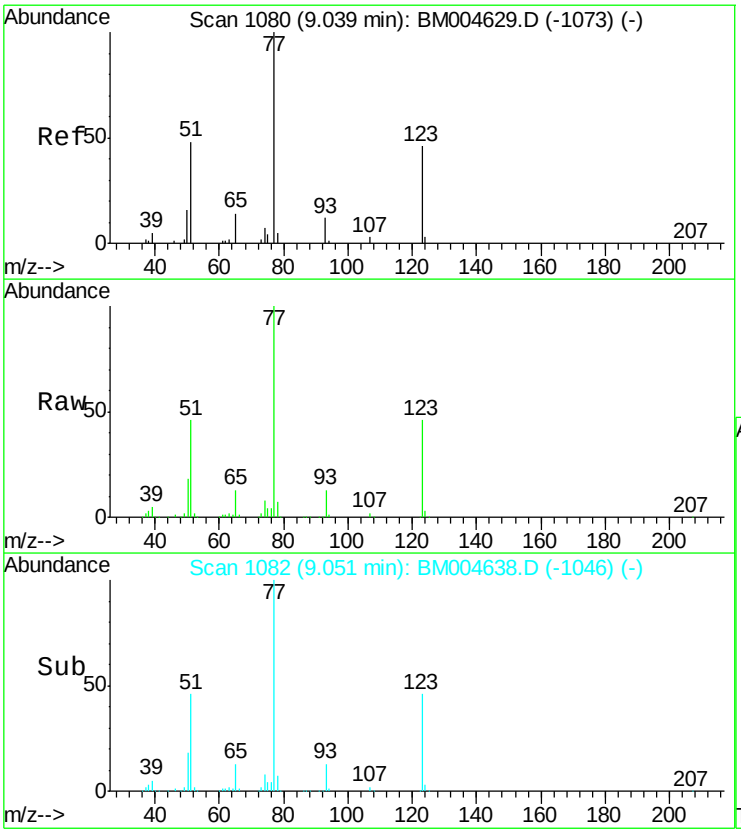
#11
2-Methylphenol
Concen: 12.03 ng/ul
RT: 8.23 min Scan# 942
Delta R.T. -0.05 min
Lab File: BM004638.D
Acq: 16 Mar 2016 16:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 40018

Ion	Ratio	Lower	Upper
108	100		
107	92.5	72.4	108.6

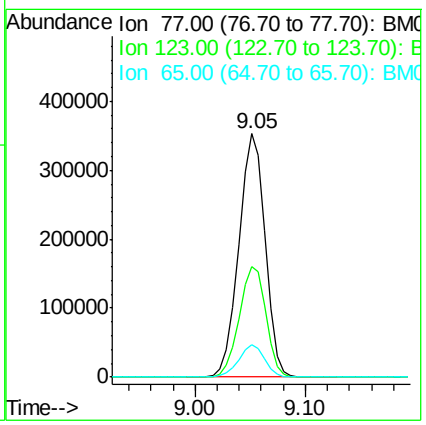


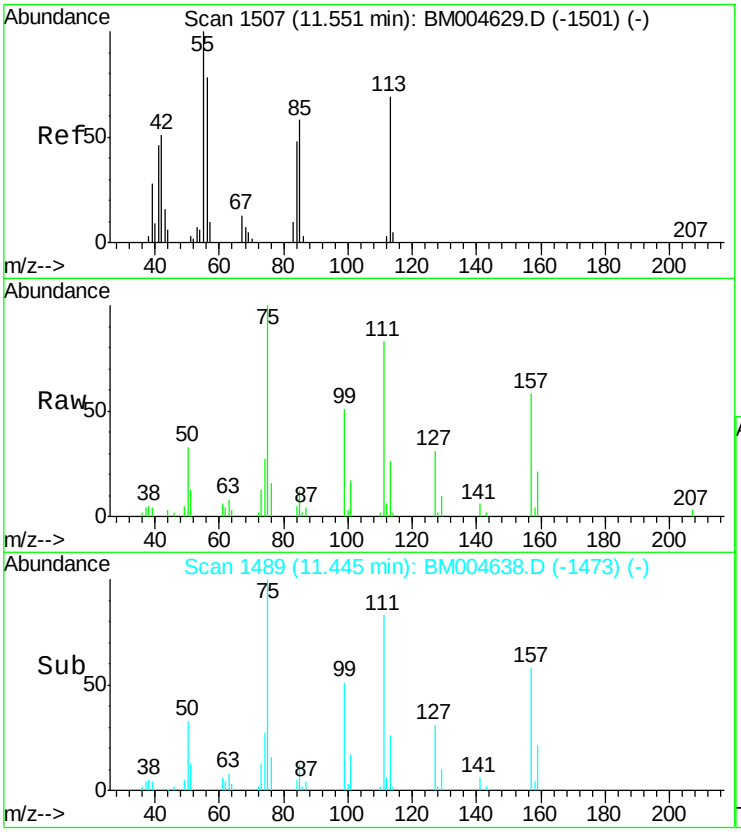


#20
Nitrobenzene
Concen: 125.87 ng/ul
RT: 9.05 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BM004638.D
Acq: 16 Mar 2016 16:15

Tgt Ion: 77 Resp: 591591

Ion	Ratio	Lower	Upper
77	100		
123	45.6	39.0	58.4
65	13.2	10.4	15.6



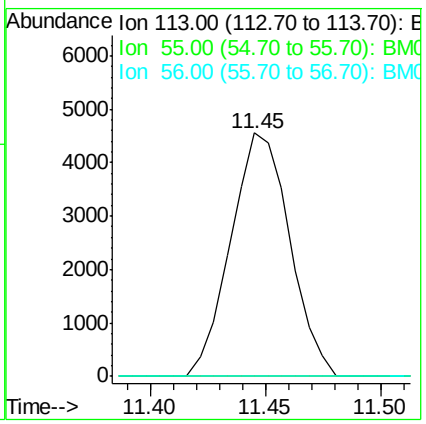


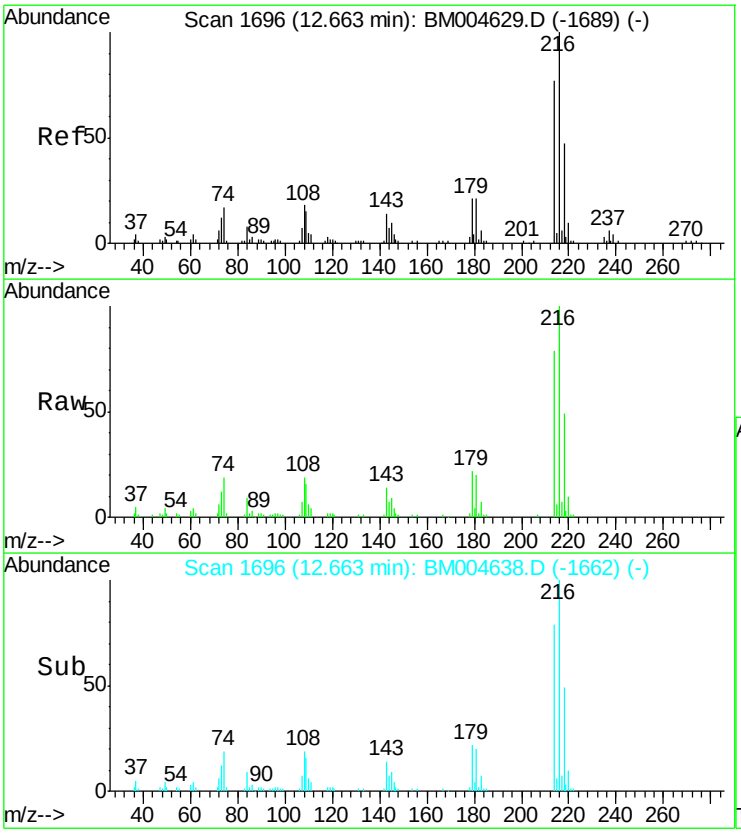
#32
Caprolactam
Concen: 5.82 ng/ul
RT: 11.45 min Scan# 1489
Delta R.T. -0.11 min
Lab File: BM004638.D
Acq: 16 Mar 2016 16:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 8097

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

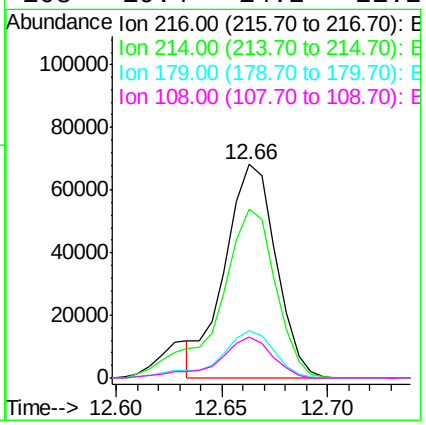


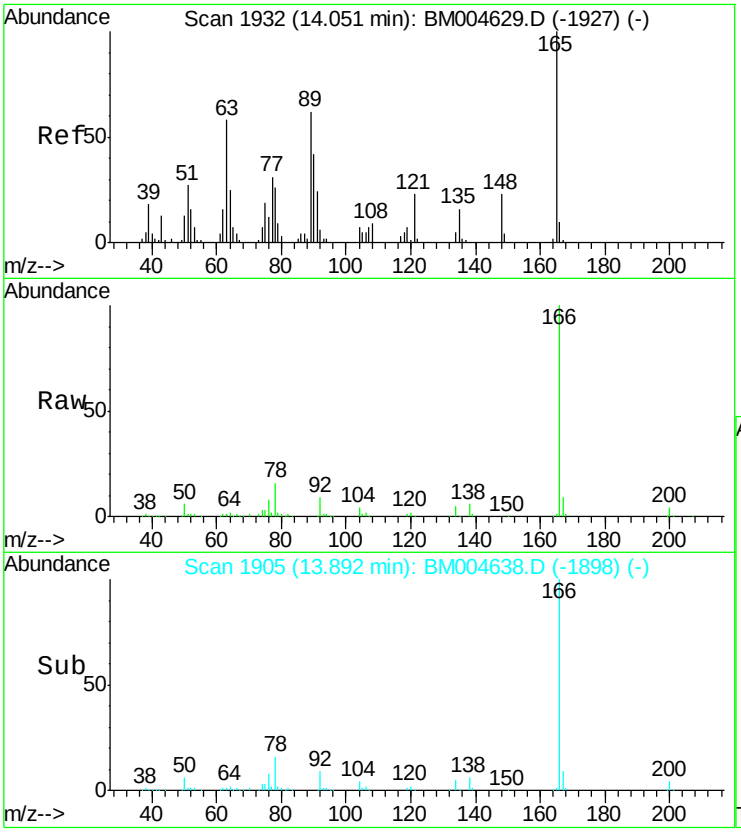


#37
1,2,4,5-Tetrachlorobenzene
Concen: 24.89 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM004638.D
Acq: 16 Mar 2016 16:15

Tgt Ion:216 Resp: 114317

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.5	93.7
179	22.4	18.2	27.2
108	19.4	14.2	21.2



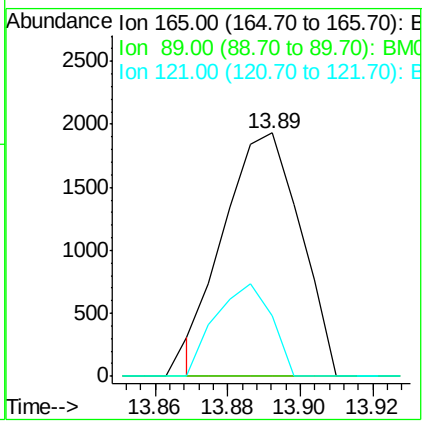


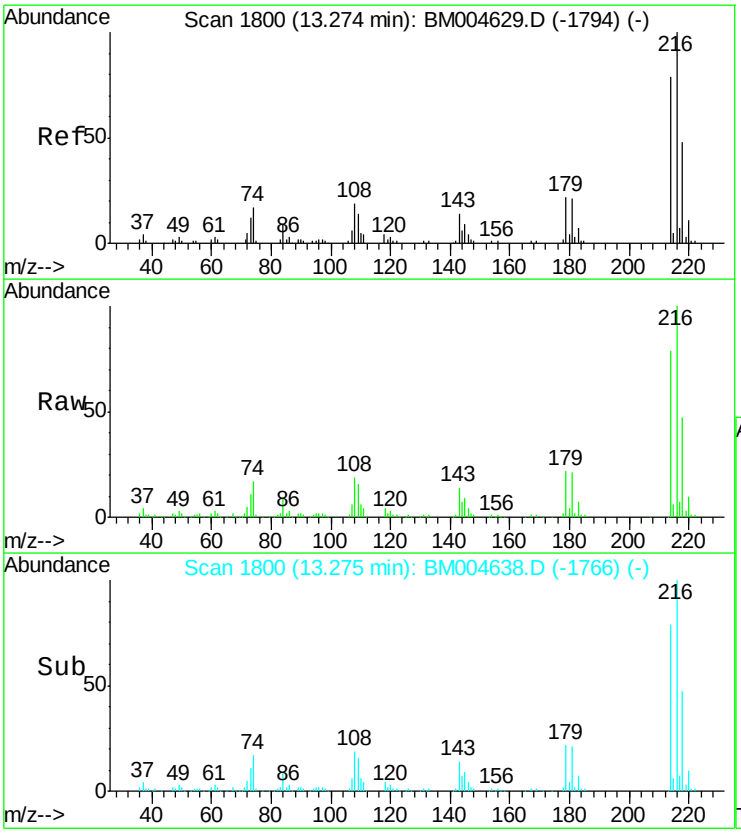
#46
2,6-Dinitrotoluene
Concen: 1.39 ng/ul
RT: 13.89 min Scan# 1905
Delta R.T. -0.16 min
Lab File: BM004638.D
Acq: 16 Mar 2016 16:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 2815

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.4	63.6#
121	25.1	16.6	24.8#

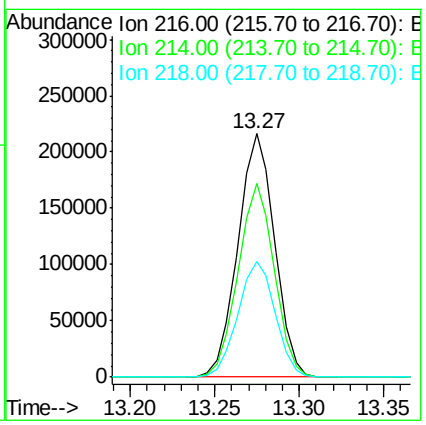


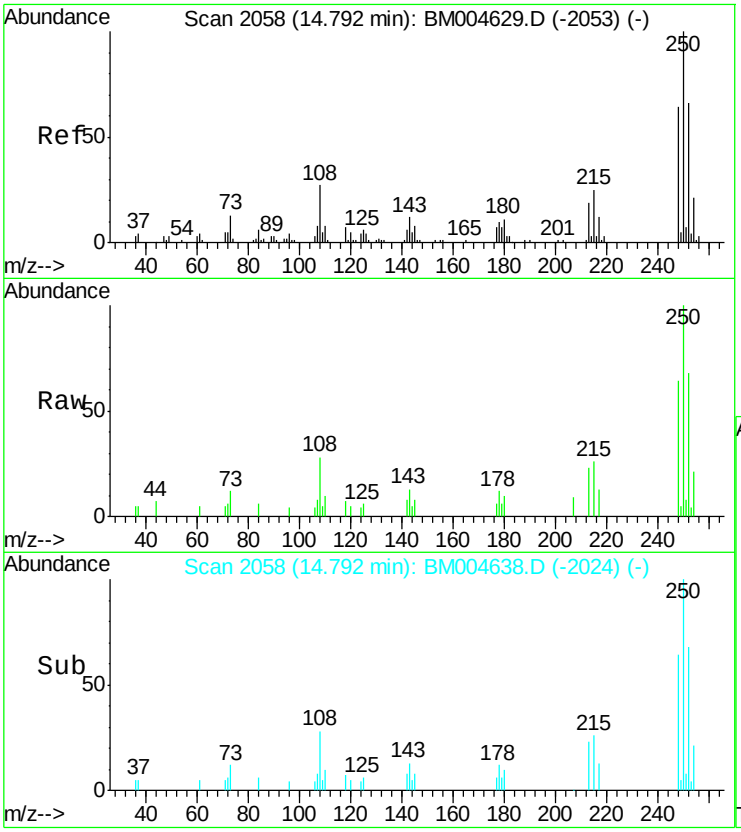


#73
1,2,3,4-Tetrachlorobenzene
Concen: 74.56 ng/uL
RT: 13.27 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BM004638.D
Acq: 16 Mar 2016 16:15

Tgt Ion:216 Resp: 327940

Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.5	93.7
218	47.5	38.4	57.6





#74
Pentachlorobenzene
Concen: 2.79 ng/uL
RT: 14.79 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM004638.D
Acq: 16 Mar 2016 16:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 11845

Ion	Ratio	Lower	Upper
250	100		
248	64.0	50.6	75.8
252	67.8	51.4	77.0