Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
Data File : BM004634.D
Acq On : 16 Mar 2016 13:50
Operator : UM/SJ
Sample : H1783-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 17 00:58:16 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	7.87	152	42352	20.00	ng/ul	0.03
18) Naphthalene-d8	10.66	136	270531	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	144095	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	325779	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	369691	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	356136	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	2128	1.73	ng/uL	0.00
5) Phenol-d5	7.00	99	36877	10.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	102954	52.19	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	113355	40.46	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	71491	25.48	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	65588	34.86	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	68907	33.91	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	123686	31.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	7803	1.64	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	420988	37.37	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	521294	37.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	11774	5.41	ng/ul	0.00
58) Fluorene-d10	15.47	176	370081	37.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	50191	29.32	ng/ul	0.00
71) Anthracene-d10	17.32	188	581756	38.79	ng/ul	0.00
79) Pyrene-d10	19.61	212	675906	40.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	696103	43.76	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.01	77	2255	1.17	ng/ul#	54
11) 2-Methylphenol	8.24	108	33962	12.07	ng/ul	93
20) Nitrobenzene	9.05	77	7422	1.60	ng/ul	97
23) 2-Nitrophenol	9.76	139	6395	2.84	ng/ul	92
28) Naphthalene	10.70	128	64140	4.55	ng/ul	99
30) 4-Chloroaniline	10.70	127	8141	1.62	ng/ul#	8
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	105769	22.98	ng/ul	98
42) 2-Chloronaphthalene	13.48	162	12154	1.34	ng/ul#	39
46) 2,6-Dinitrotoluene	13.89	165	3022	1.48	ng/ul#	41
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	424874	94.79	ng/uL	100
74) Pentachlorobenzene	14.79	250	13304	3.08	ng/uL	98

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

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Instrument :
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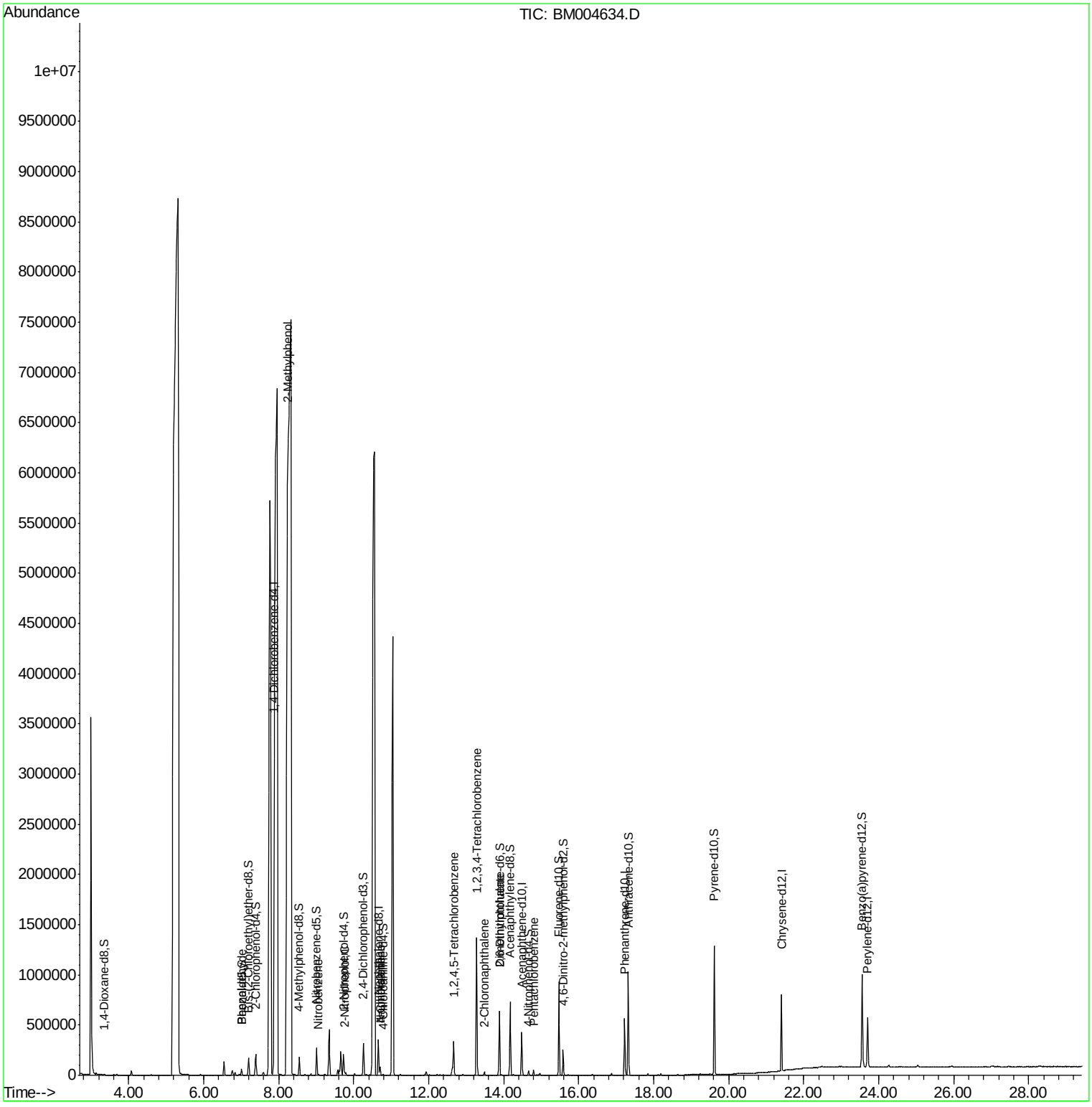
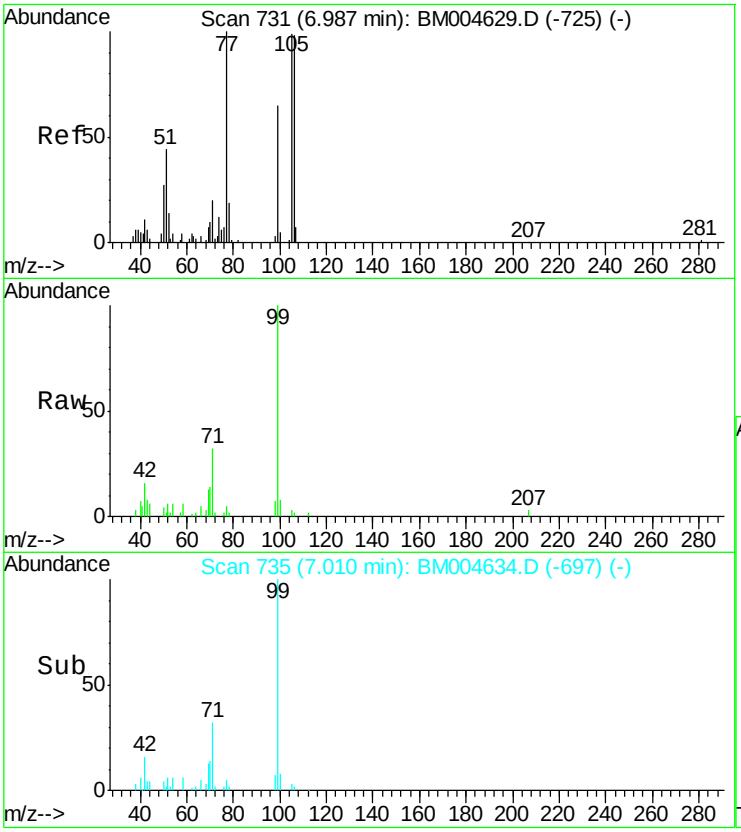


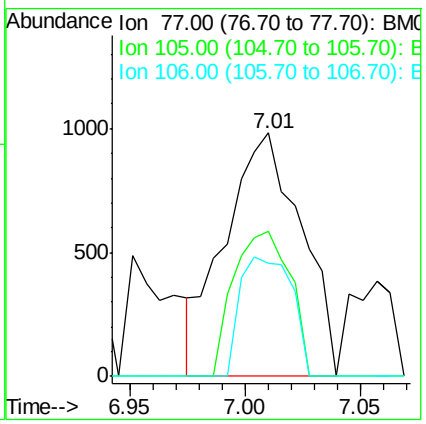


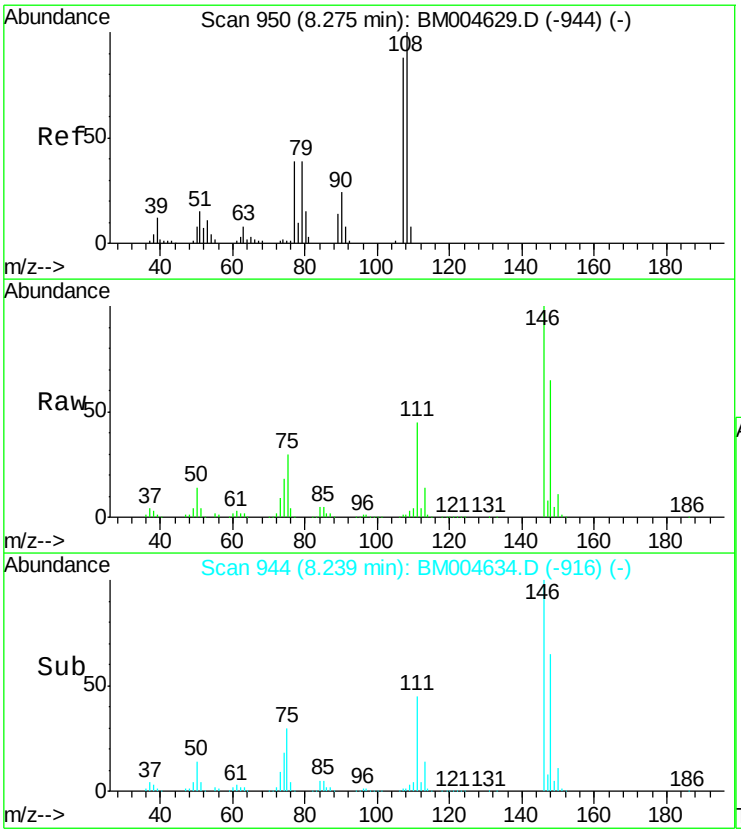
#4
Benzaldehyde
Concen: 1.17 ng/ul
RT: 7.01 min Scan# 735
Delta R.T. 0.02 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 2255

Ion	Ratio	Lower	Upper
77	100		
105	59.6	80.6	120.8#
106	46.3	77.7	116.5#

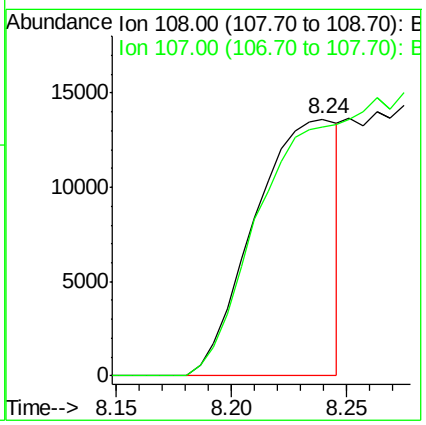


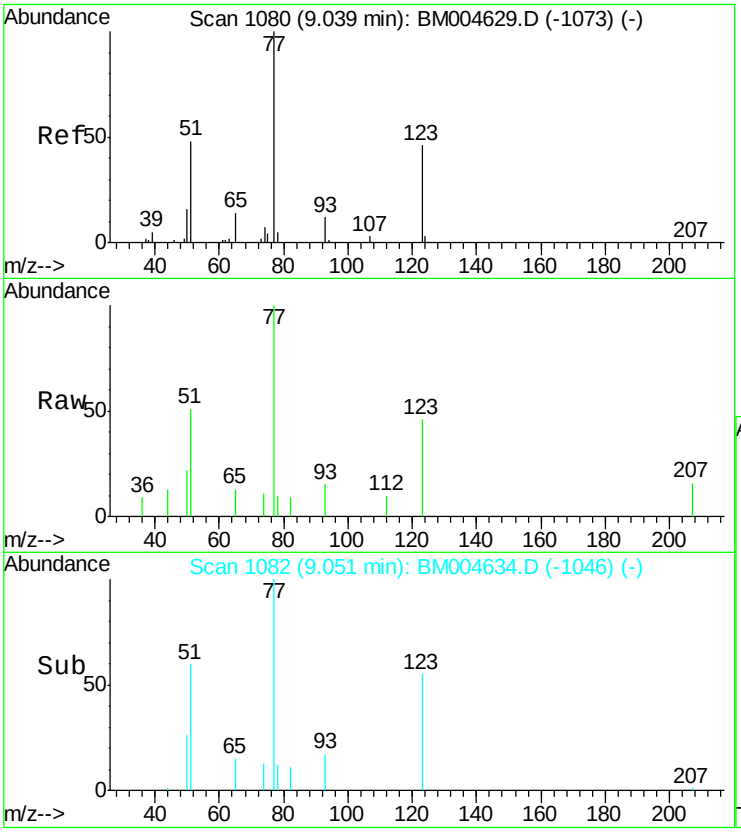


#11
2-Methylphenol
Concen: 12.07 ng/ul
RT: 8.24 min Scan# 944
Delta R.T. -0.04 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Tgt Ion:108 Resp: 33962

Ion	Ratio	Lower	Upper
108	100		
107	96.7	72.4	108.6



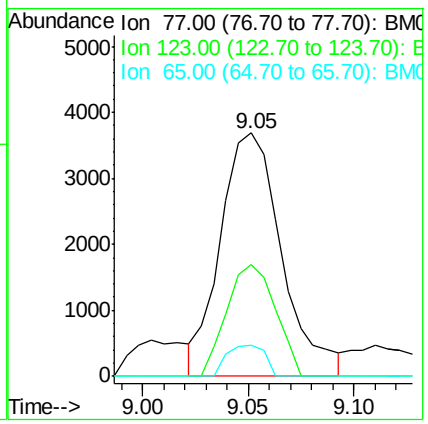


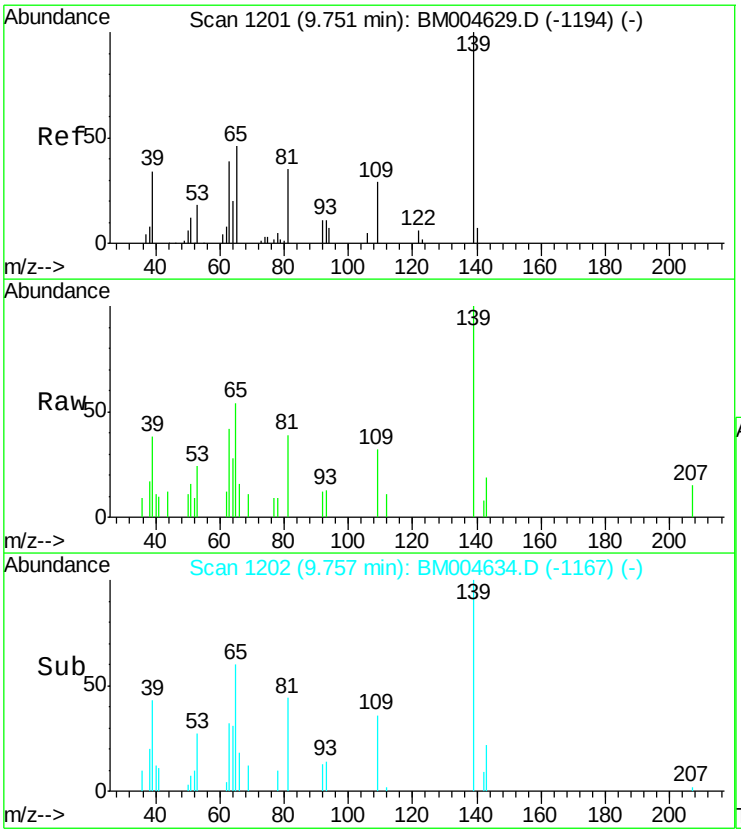
#20
Nitrobenzene
Concen: 1.60 ng/ul
RT: 9.05 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 7422

Ion	Ratio	Lower	Upper
77	100		
123	45.9	39.0	58.4
65	13.0	10.4	15.6

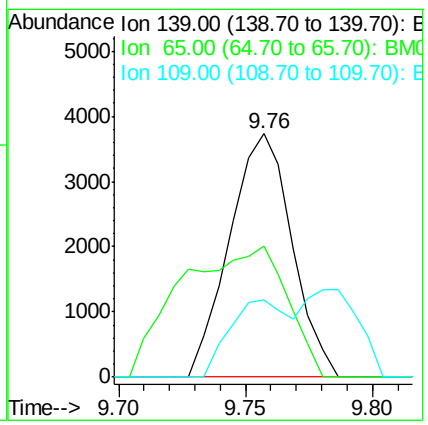


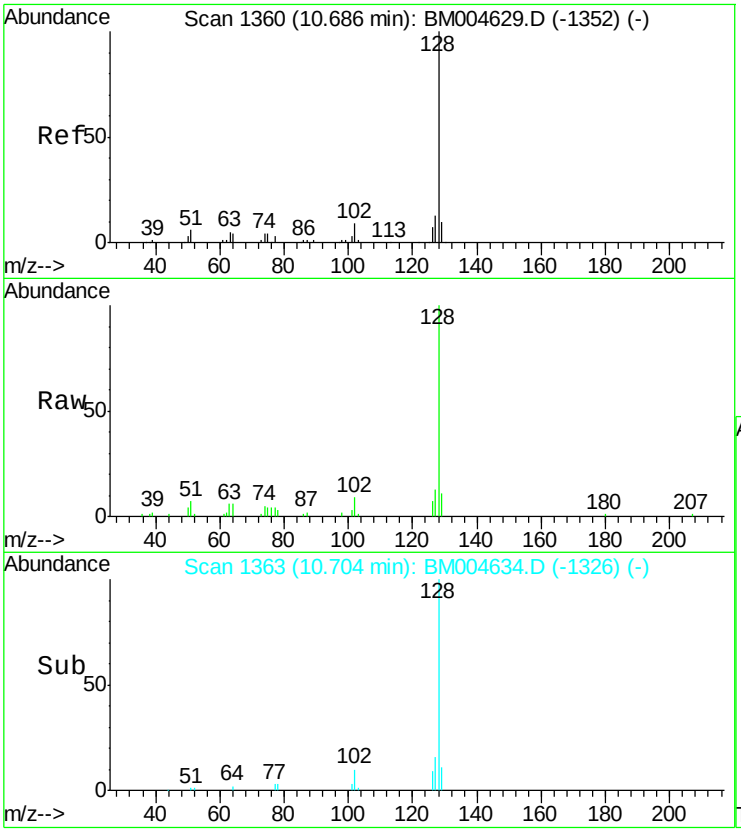


#23
2-Nitrophenol
Concen: 2.84 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Tgt Ion:139 Resp: 6395

Ion	Ratio	Lower	Upper
139	100		
65	53.6	36.3	54.5
109	31.9	26.4	39.6



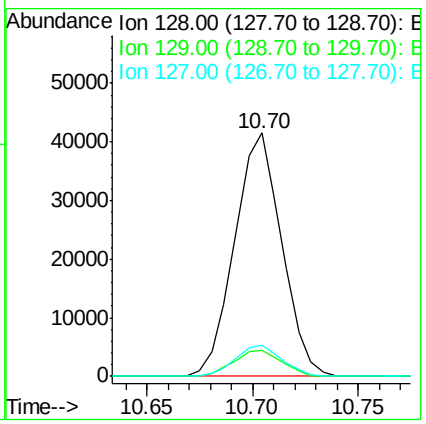


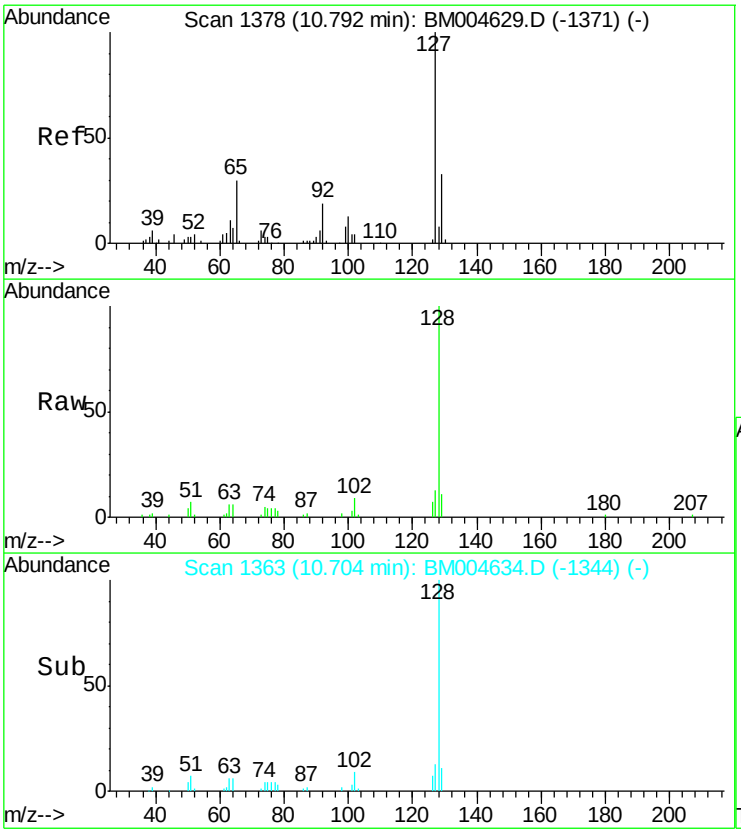
#28
Naphthalene
Concen: 4.55 ng/ul
RT: 10.70 min Scan# 1363
Delta R.T. 0.02 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 64140

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.7	10.5	15.7

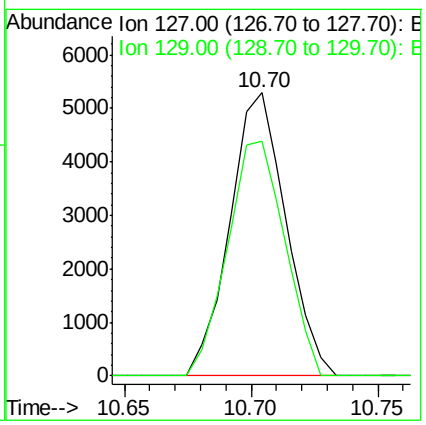


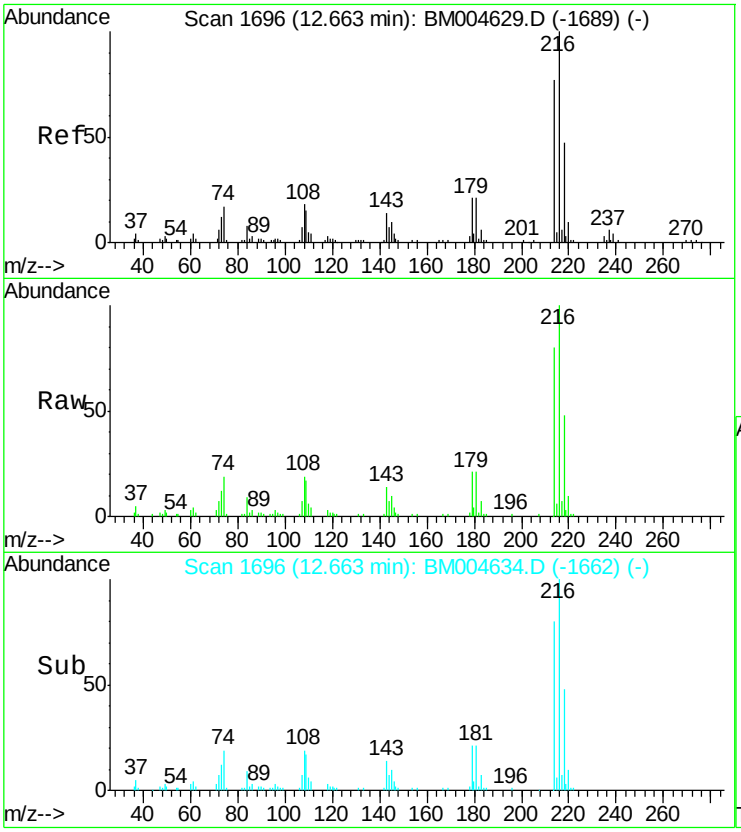


#30
4-Chloroaniline
Concen: 1.62 ng/ul
RT: 10.70 min Scan# 1363
Delta R.T. -0.09 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Tgt Ion:127 Resp: 8141

Ion	Ratio	Lower	Upper
127	100		
129	82.9	25.4	38.2#



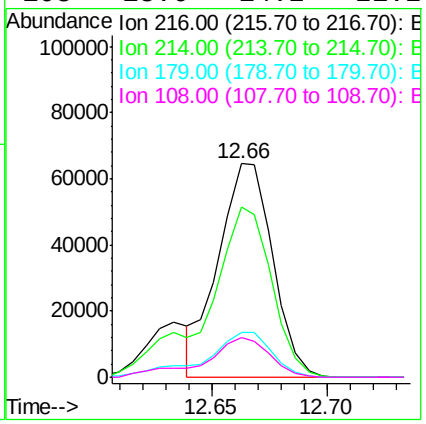


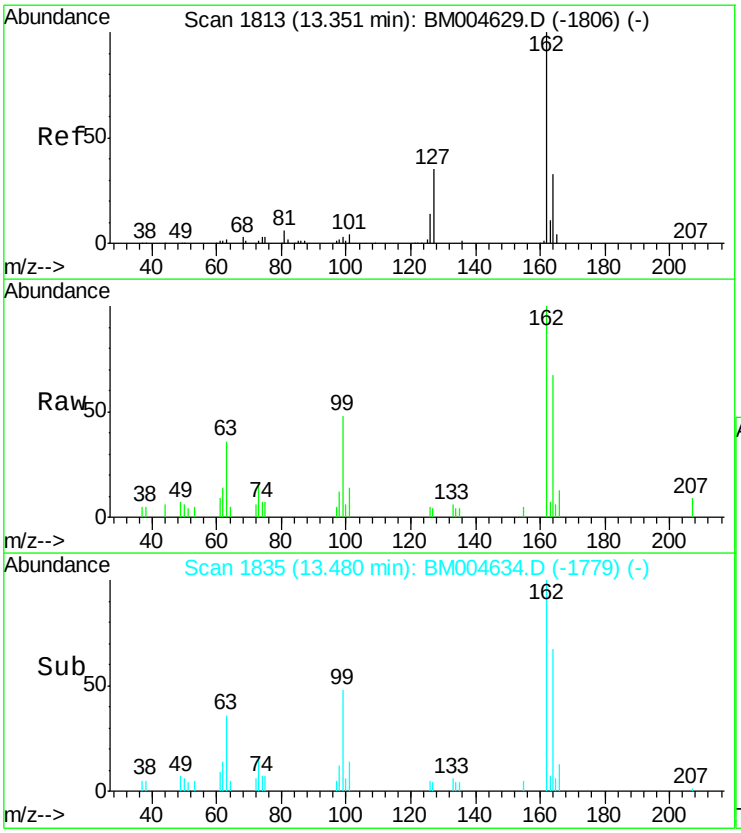
#37
1,2,4,5-Tetrachlorobenzene
Concen: 22.98 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 105769

Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.5	93.7
179	21.1	18.2	27.2
108	18.6	14.2	21.2

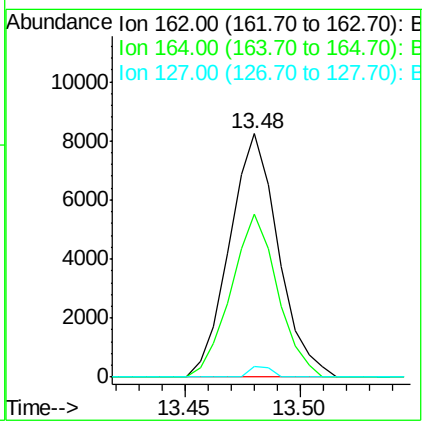


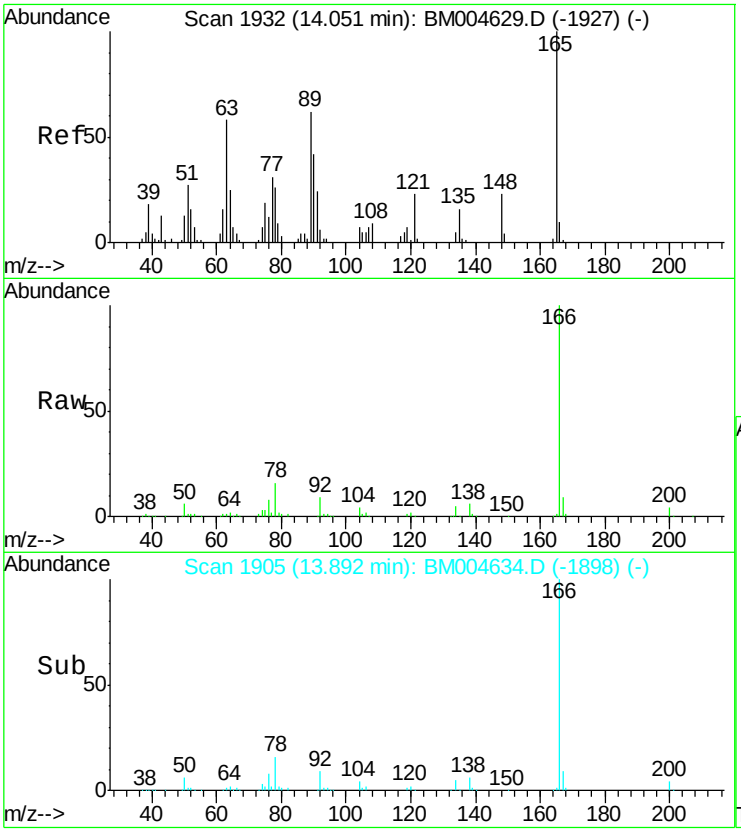


#42
2-Chloronaphthalene
Concen: 1.34 ng/ul
RT: 13.48 min Scan# 1835
Delta R.T. 0.13 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Tgt Ion:162 Resp: 12154

Ion	Ratio	Lower	Upper
162	100		
164	67.1	25.9	38.9#
127	4.5	34.1	51.1#



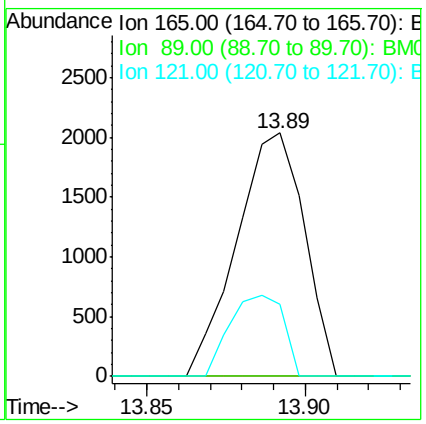


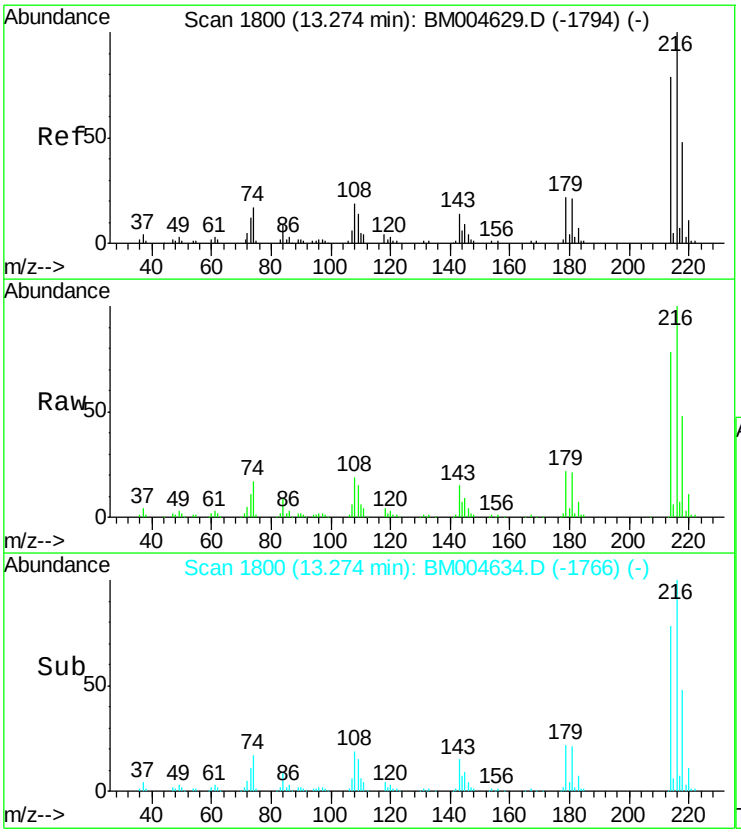
#46
2,6-Dinitrotoluene
Concen: 1.48 ng/ul
RT: 13.89 min Scan# 1905
Delta R.T. -0.16 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 3022

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.4	63.6#
121	29.4	16.6	24.8#

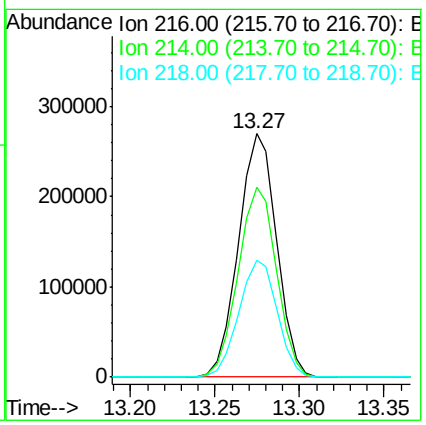


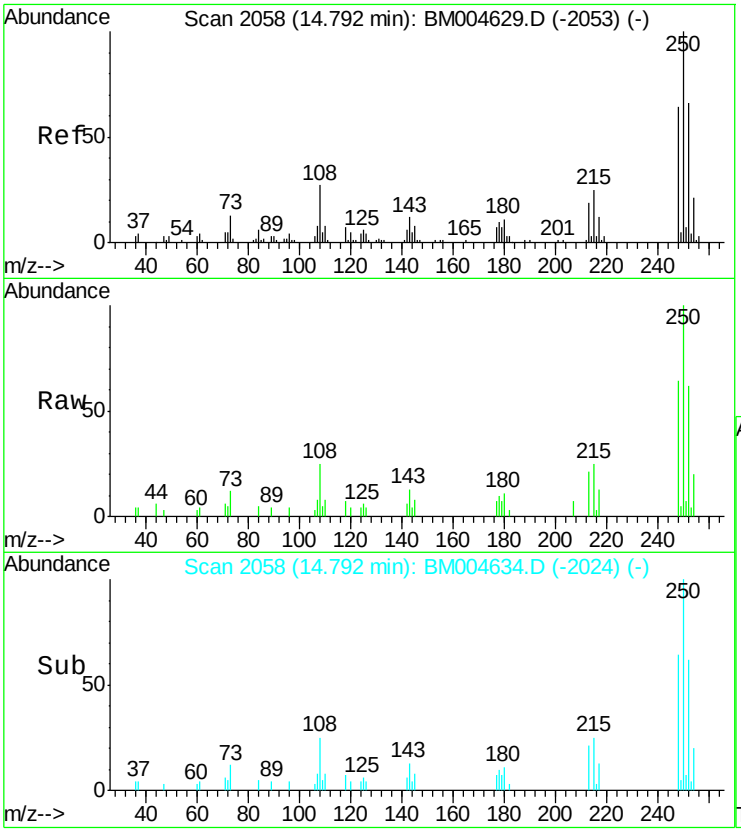


#73
1,2,3,4-Tetrachlorobenzene
Concen: 94.79 ng/uL
RT: 13.27 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Tgt Ion:216 Resp: 424874

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.5	93.7
218	47.9	38.4	57.6





#74
Pentachlorobenzene
Concen: 3.08 ng/uL
RT: 14.79 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 13304

Ion	Ratio	Lower	Upper
250	100		
248	64.5	50.6	75.8
252	62.0	51.4	77.0