Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
Data File : BM004639.D
Acq On : 16 Mar 2016 16:52
Operator : UM/SJ
Sample : H1783-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 17 00:59:10 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	41484	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	263002	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.47	164	137630	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	300170	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	346350	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	342549	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	2080	1.73	ng/uL	0.00
5) Phenol-d5	7.00	99	38676	11.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	110551	57.22	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	120662	43.97	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	72673	26.45	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	68965	37.70	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	71625	36.25	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	124234	32.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	1051	0.23	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	379820	35.30	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	493676	37.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	8910	4.28	ng/ul	0.00
58) Fluorene-d10	15.47	176	346571	36.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	41845	26.53	ng/ul	0.00
71) Anthracene-d10	17.32	188	527276	38.15	ng/ul	0.00
79) Pyrene-d10	19.61	212	601752	38.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	649520	42.45	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.03	94	4183	1.17	ng/ul#	91
10) 2-Chlorophenol	7.42	128	13207	4.56	ng/ul#	89
11) 2-Methylphenol	8.25	108	54832	19.89	ng/ul	92
20) Nitrobenzene	9.05	77	435864	96.57	ng/ul	97
23) 2-Nitrophenol	9.76	139	2293	1.05	ng/ul#	76
28) Naphthalene	10.70	128	51356	3.74	ng/ul	99
30) 4-Chloroaniline	10.70	127	6367	1.31	ng/ul#	1
32) Caprolactam	11.45	113	2553	1.91	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	165947	37.74	ng/ul	98
46) 2,6-Dinitrotoluene	13.89	165	2567	1.32	ng/ul#	38
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	476093	115.28	ng/uL	100
74) Pentachlorobenzene	14.79	250	8661	2.17	ng/uL	91

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

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Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 17 00:59:10 2016
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Quant Title : SVOA CALIBRATION
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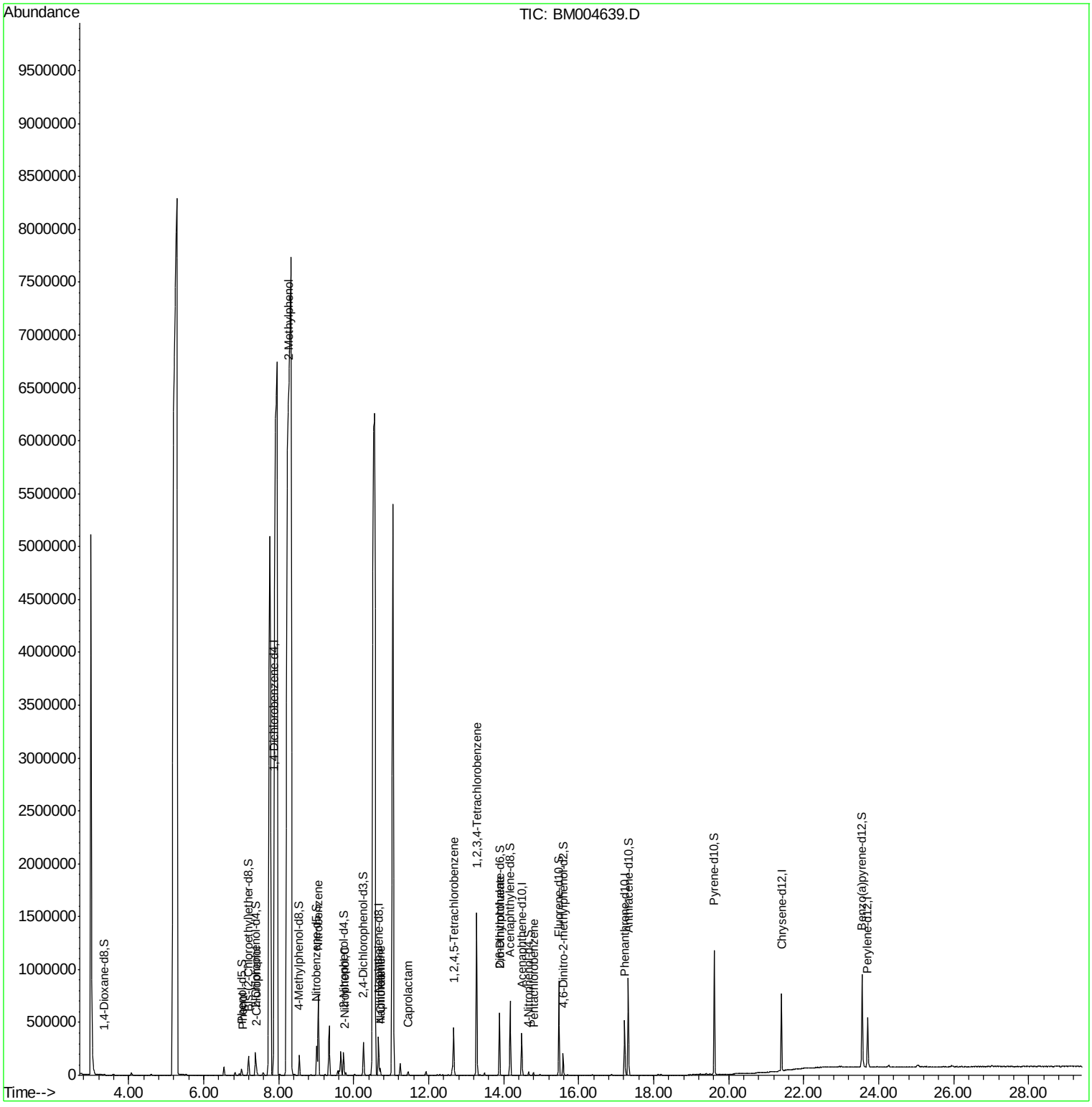
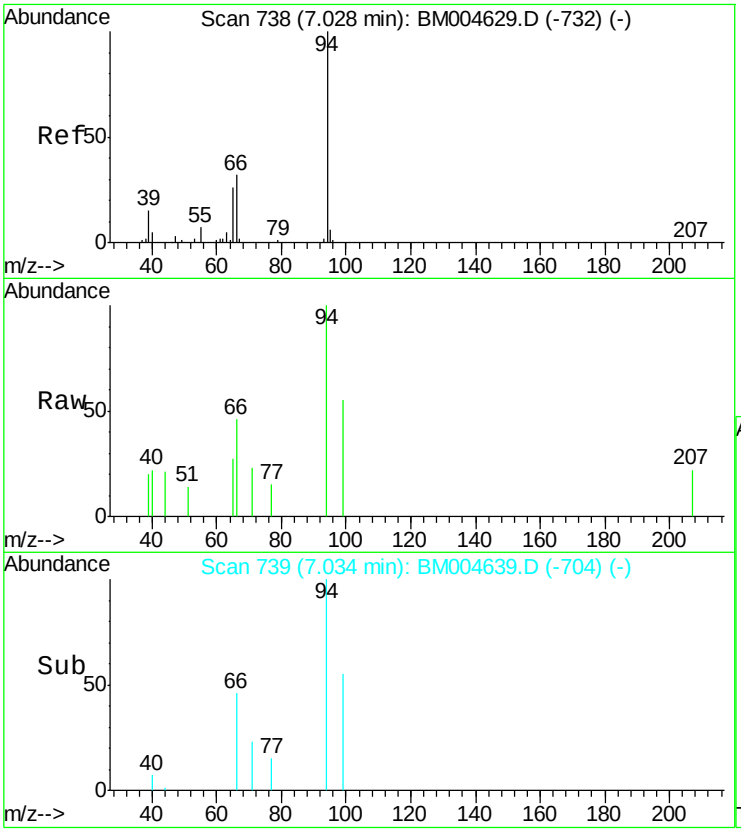


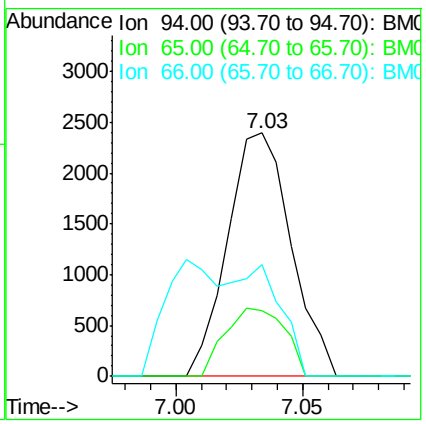


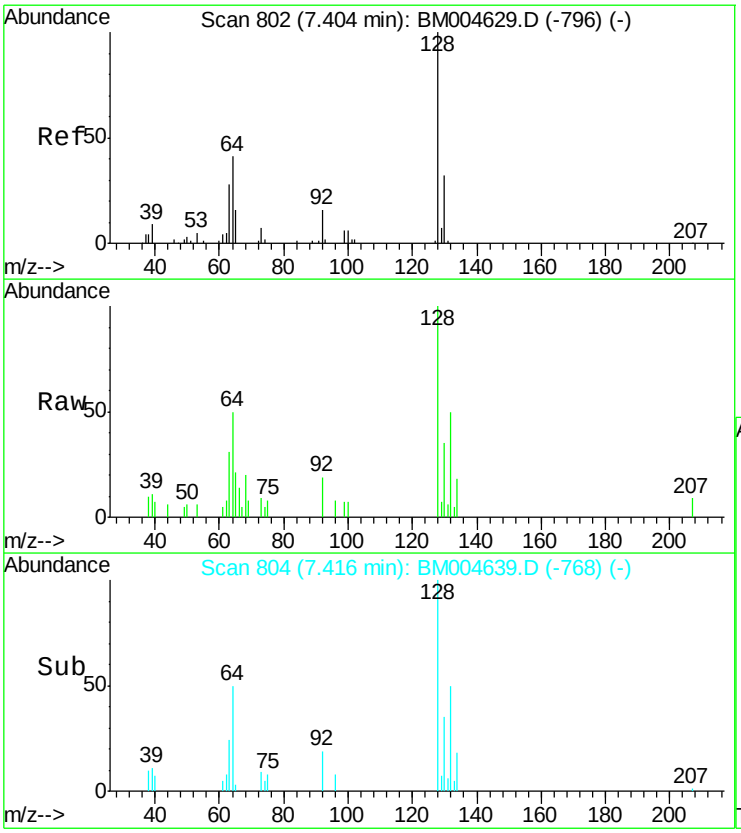
#6
Phenol
Concen: 1.17 ng/ul
RT: 7.03 min Scan# 739
Delta R.T. 0.01 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 4183

Ion	Ratio	Lower	Upper
94	100		
65	26.9	21.0	31.6
66	45.7	29.3	43.9#

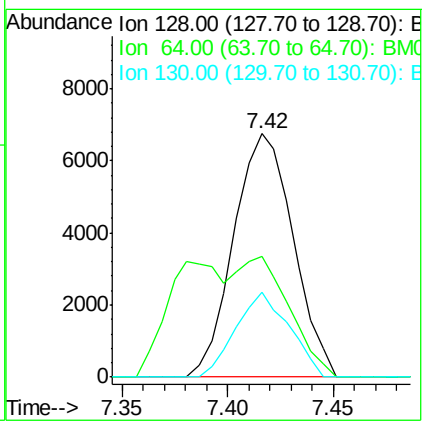


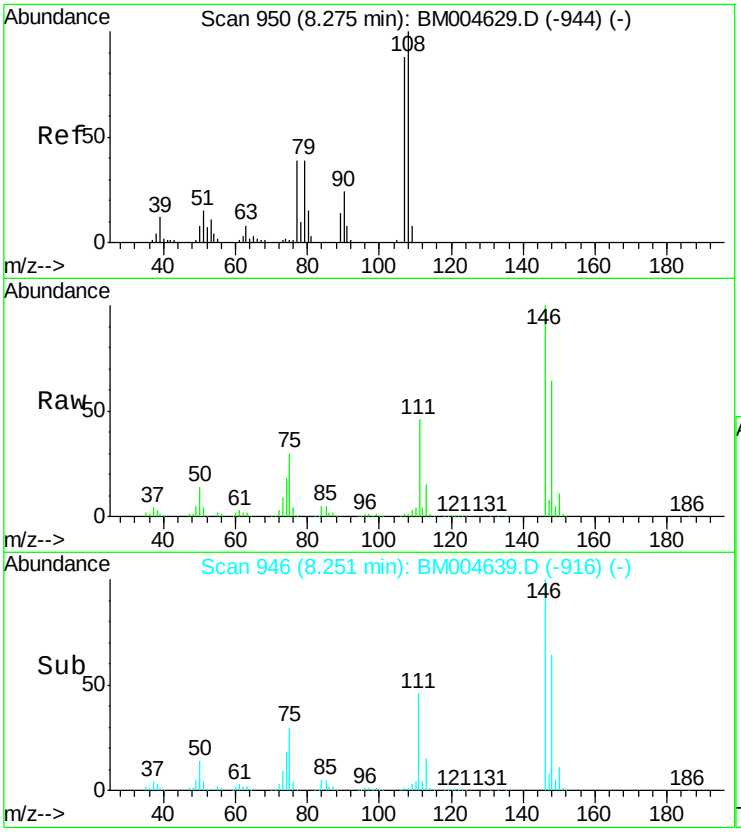


#10
2-Chlorophenol
Concen: 4.56 ng/ul
RT: 7.42 min Scan# 804
Delta R.T. 0.01 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Tgt Ion:128 Resp: 13207

Ion	Ratio	Lower	Upper
128	100		
64	49.7	31.9	47.9#
130	35.0	25.6	38.4



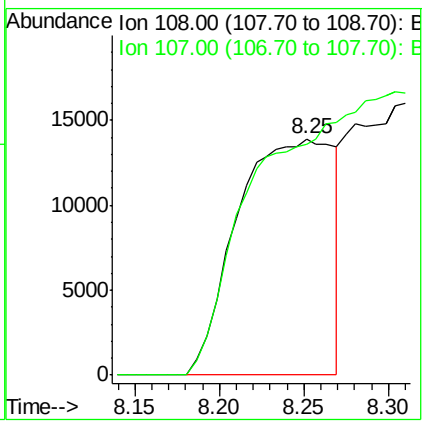


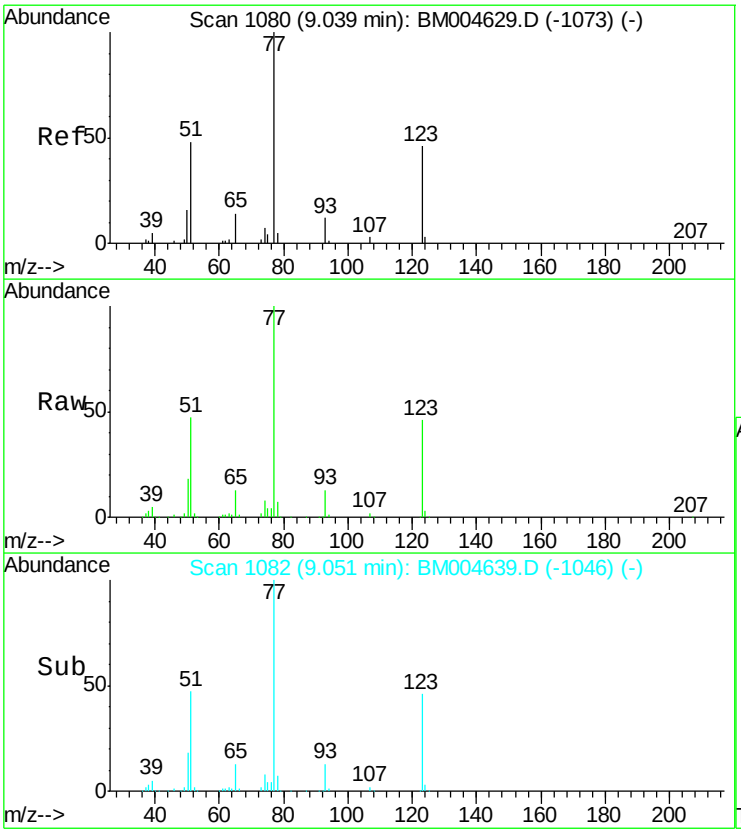
#11
2-Methylphenol
Concen: 19.89 ng/ul
RT: 8.25 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 54832

Ion	Ratio	Lower	Upper
108	100		
107	97.7	72.4	108.6

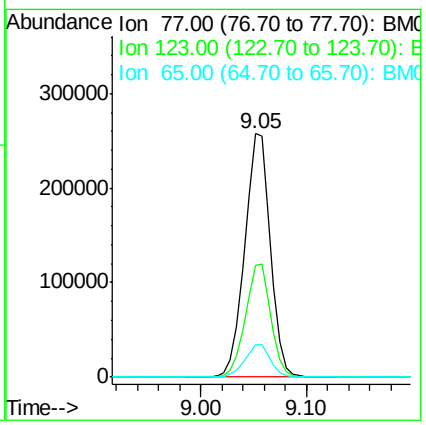


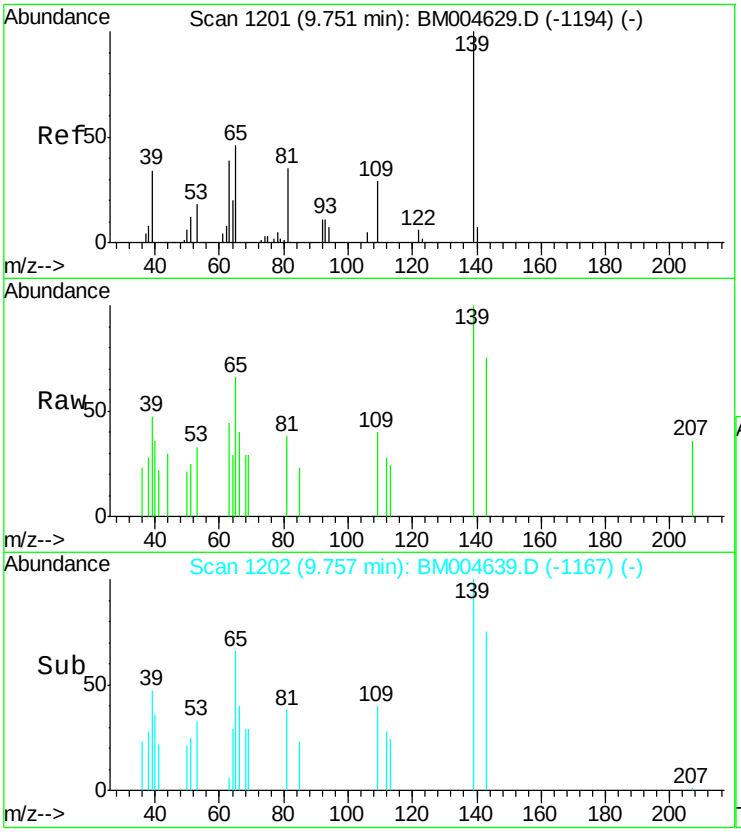


#20
Nitrobenzene
Concen: 96.57 ng/ul
RT: 9.05 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Tgt Ion: 77 Resp: 435864

Ion	Ratio	Lower	Upper
77	100		
123	46.1	39.0	58.4
65	13.3	10.4	15.6



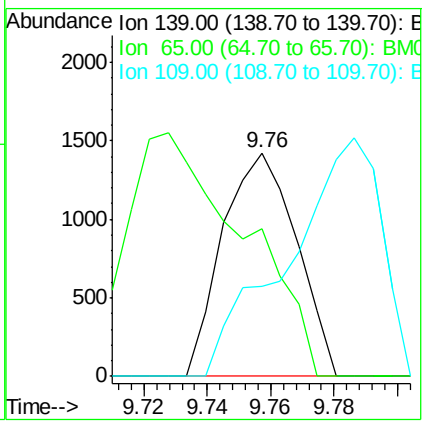


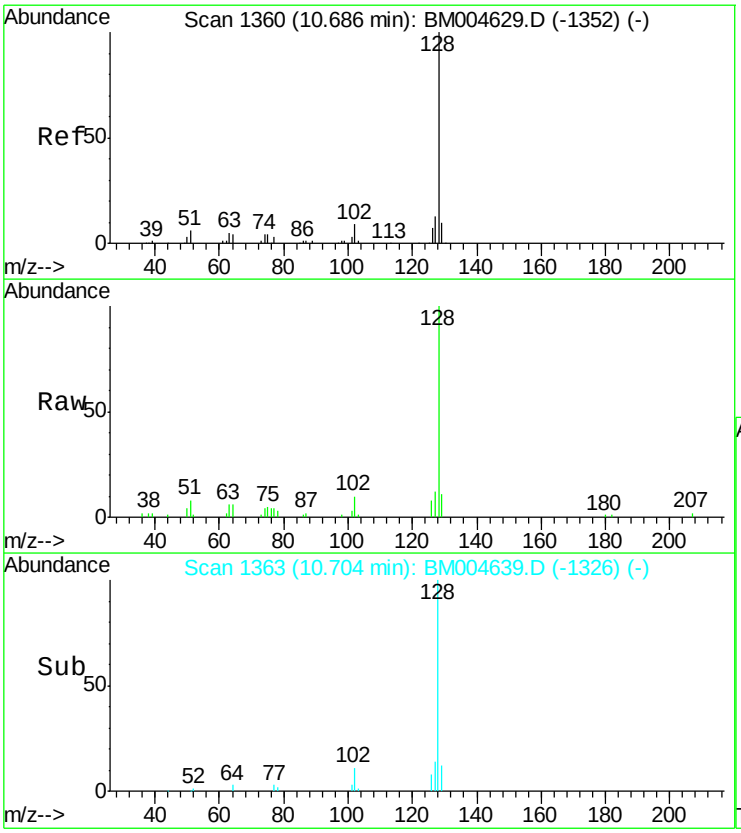
#23
2-Nitrophenol
Concen: 1.05 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 2293

Ion	Ratio	Lower	Upper
139	100		
65	65.9	36.3	54.5#
109	40.2	26.4	39.6#

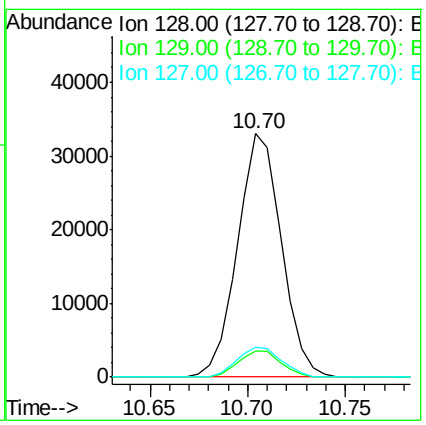


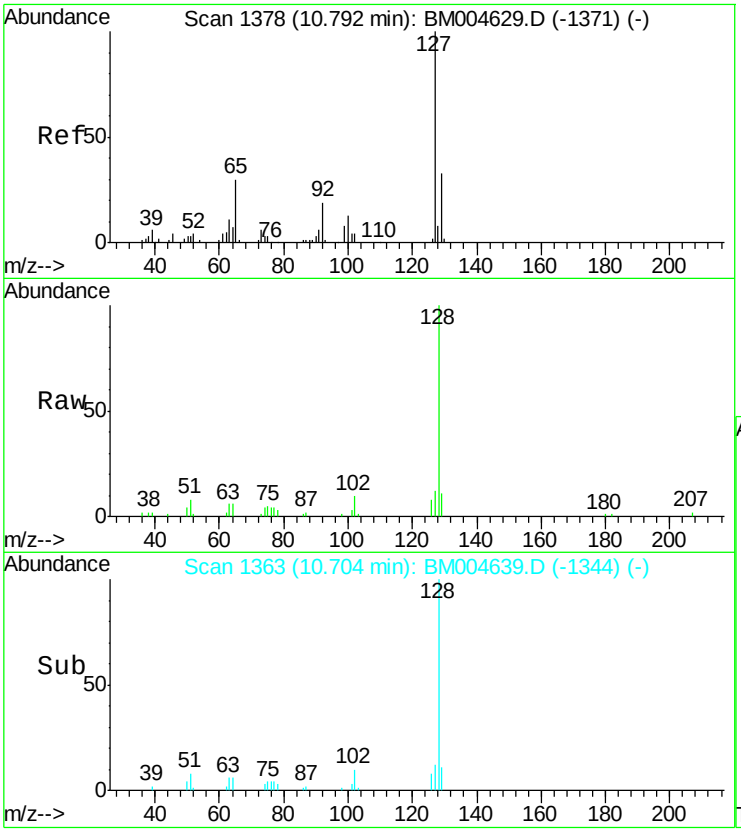


#28
Naphthalene
Concen: 3.74 ng/ul
RT: 10.70 min Scan# 1363
Delta R.T. 0.02 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Tgt Ion:128 Resp: 51356

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.3	10.5	15.7



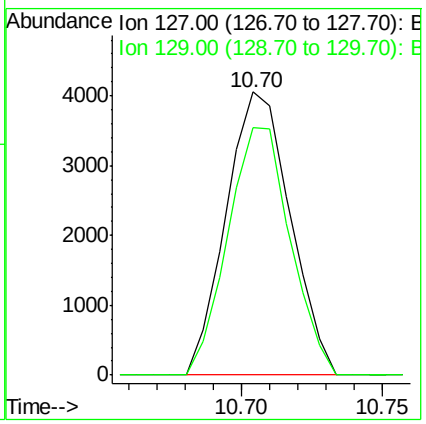


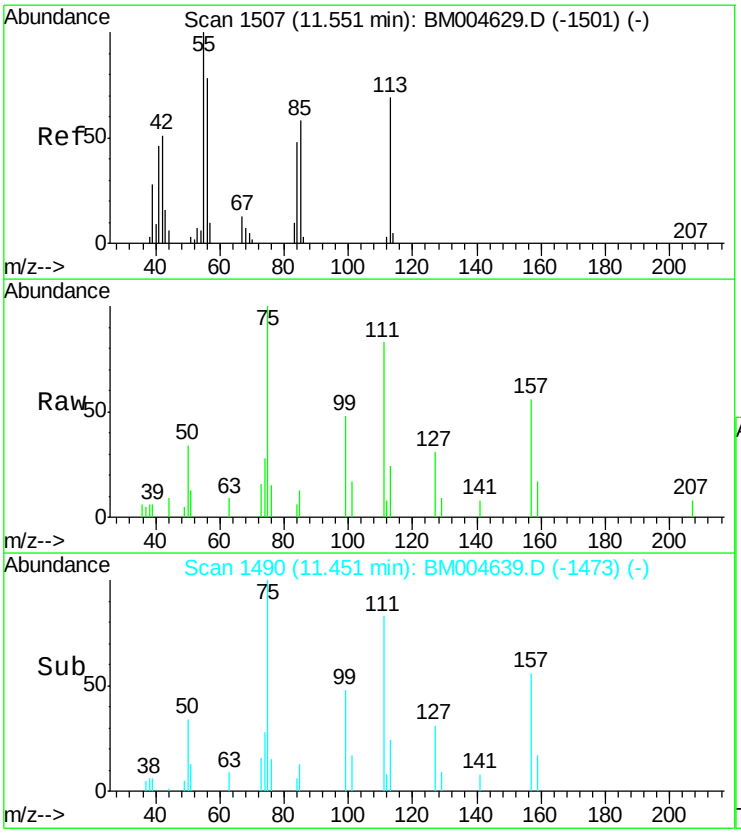
#30
4-Chloroaniline
Concen: 1.31 ng/ul
RT: 10.70 min Scan# 1363
Delta R.T. -0.09 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 6367

Ion	Ratio	Lower	Upper
127	100		
129	87.3	25.4	38.2#

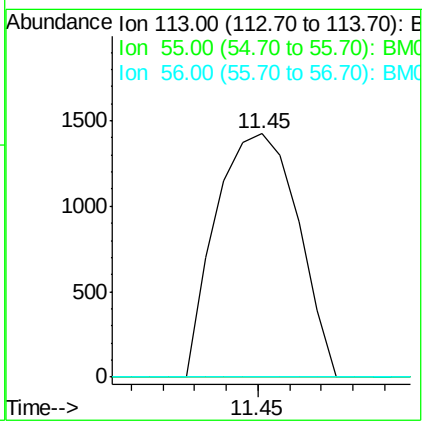


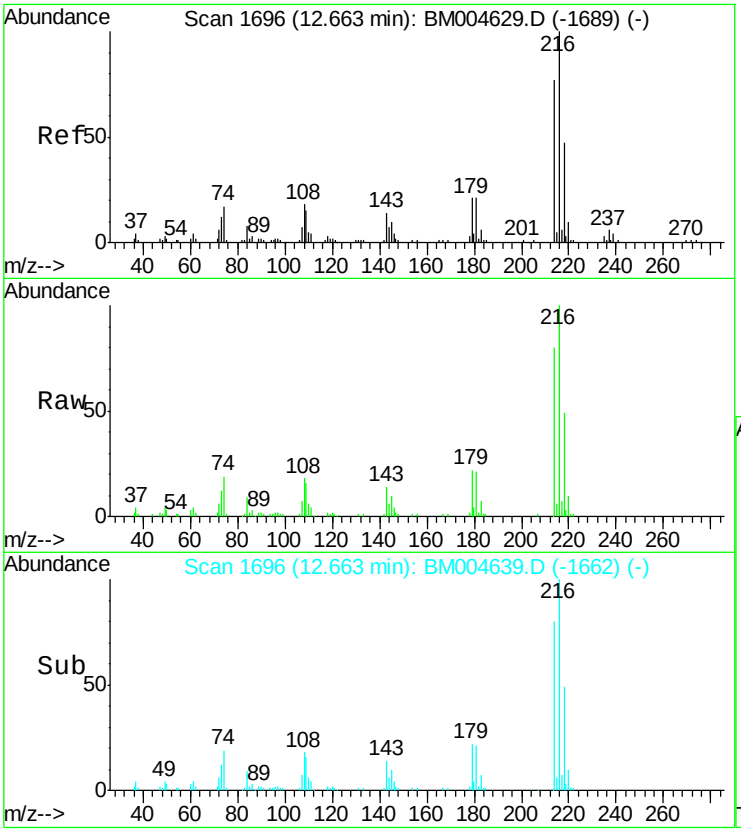


#32
Caprolactam
Concen: 1.91 ng/ul
RT: 11.45 min Scan# 1490
Delta R.T. -0.10 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Tgt Ion:113 Resp: 2553

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



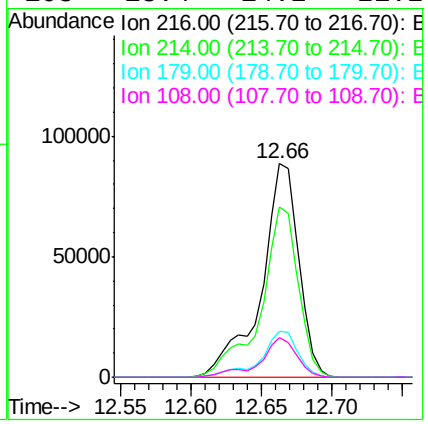


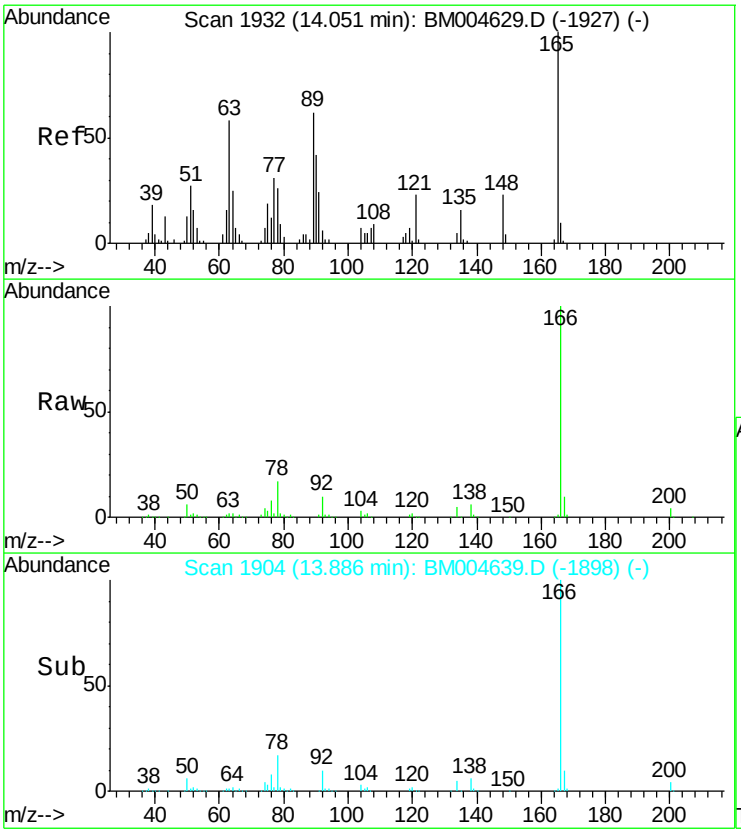
#37
1,2,4,5-Tetrachlorobenzene
Concen: 37.74 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 165947

Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.5	93.7
179	21.5	18.2	27.2
108	18.4	14.2	21.2

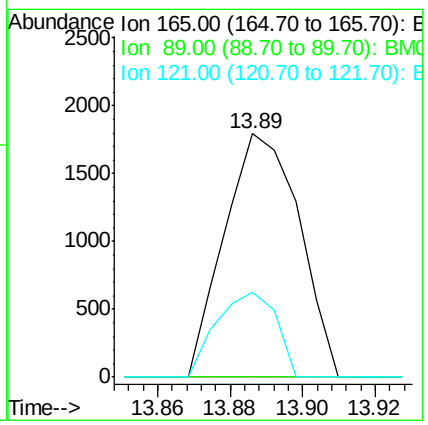


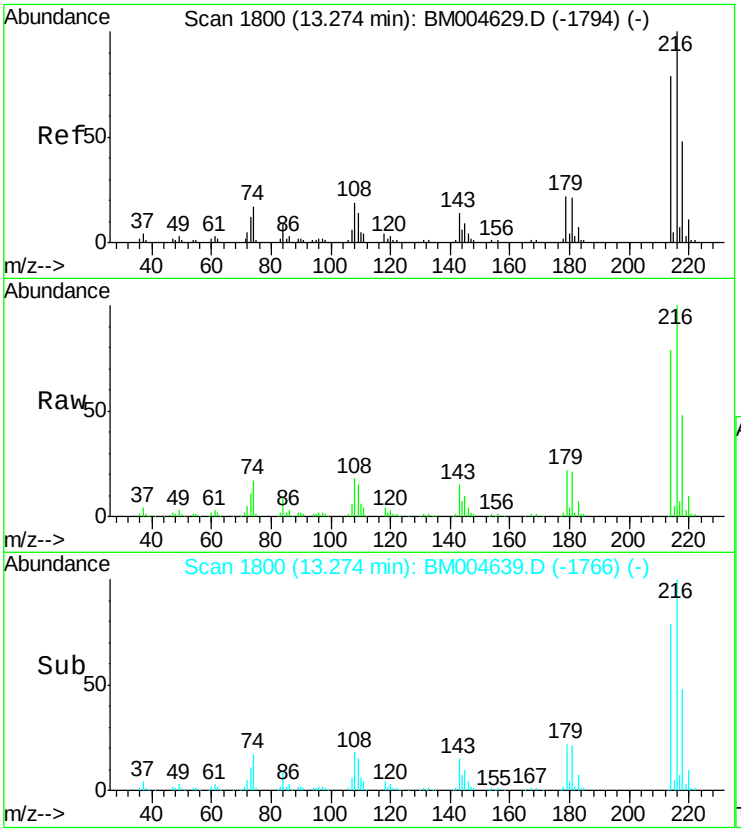


#46
2,6-Dinitrotoluene
Concen: 1.32 ng/ul
RT: 13.89 min Scan# 1904
Delta R.T. -0.16 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Tgt Ion:165 Resp: 2567

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.4	63.6#
121	34.7	16.6	24.8#



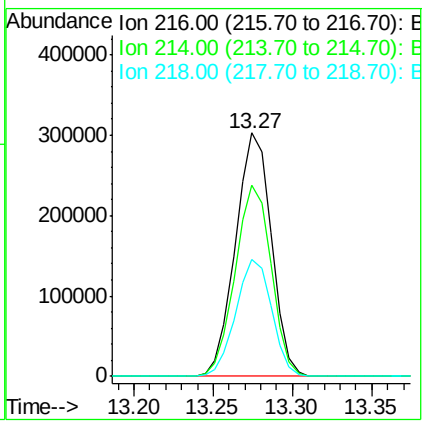


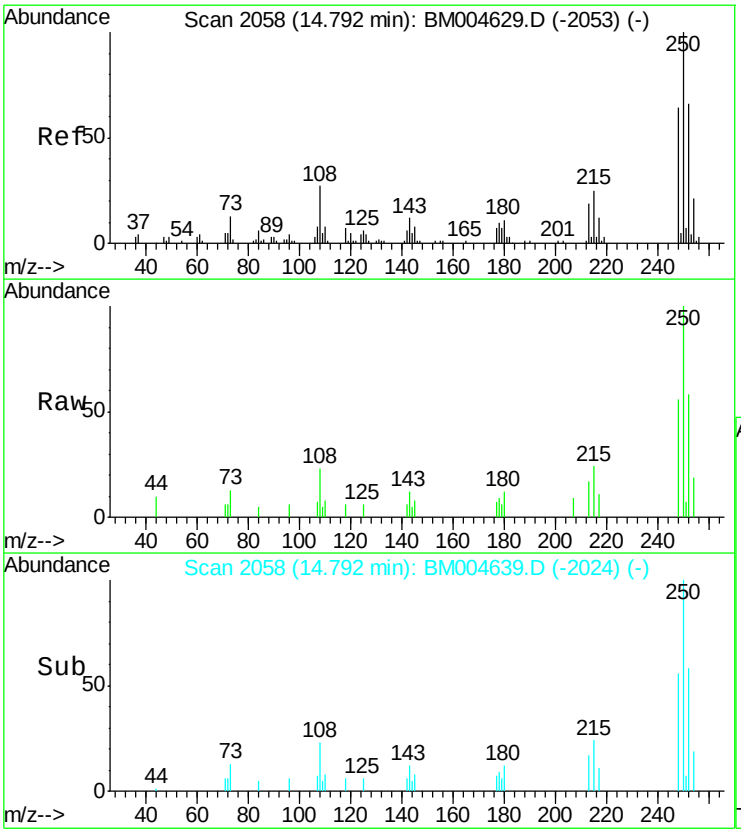
#73
1,2,3,4-Tetrachlorobenzene
Concen: 115.28 ng/uL
RT: 13.27 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 476093

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.5	93.7
218	47.9	38.4	57.6





#74
Pentachlorobenzene
Concen: 2.17 ng/uL
RT: 14.79 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM004639.D
Acq: 16 Mar 2016 16:52

Tgt Ion:250 Resp: 8661

Ion	Ratio	Lower	Upper
250	100		
248	56.0	50.6	75.8
252	57.5	51.4	77.0