

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012080.D
 Acq On : 11 Oct 2017 22:09
 Operator : SJ/JU
 Sample : I5649-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 01:23:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 01:21:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	253380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1115980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	703135	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1741438	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1734932	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1511545	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	28023	5.23	ng/uL	0.00
5) Phenol-d5	7.00	99	652368	29.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	502935	38.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	539309	30.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	532168	28.24	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	267598	33.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	302244	33.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	579716	32.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	552235	27.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1982352	32.53	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2462623	34.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	203352	19.10	ng/ul	0.01
57) Fluorene-d10	15.48	176	1756279	32.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	103662	8.85	ng/ul	0.00
70) Anthracene-d10	17.33	188	2870657	33.45	ng/ul	0.00
76) Pyrene-d10	19.63	212	3489617	44.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2454162	33.75	ng/ul	0.00

Target Compounds

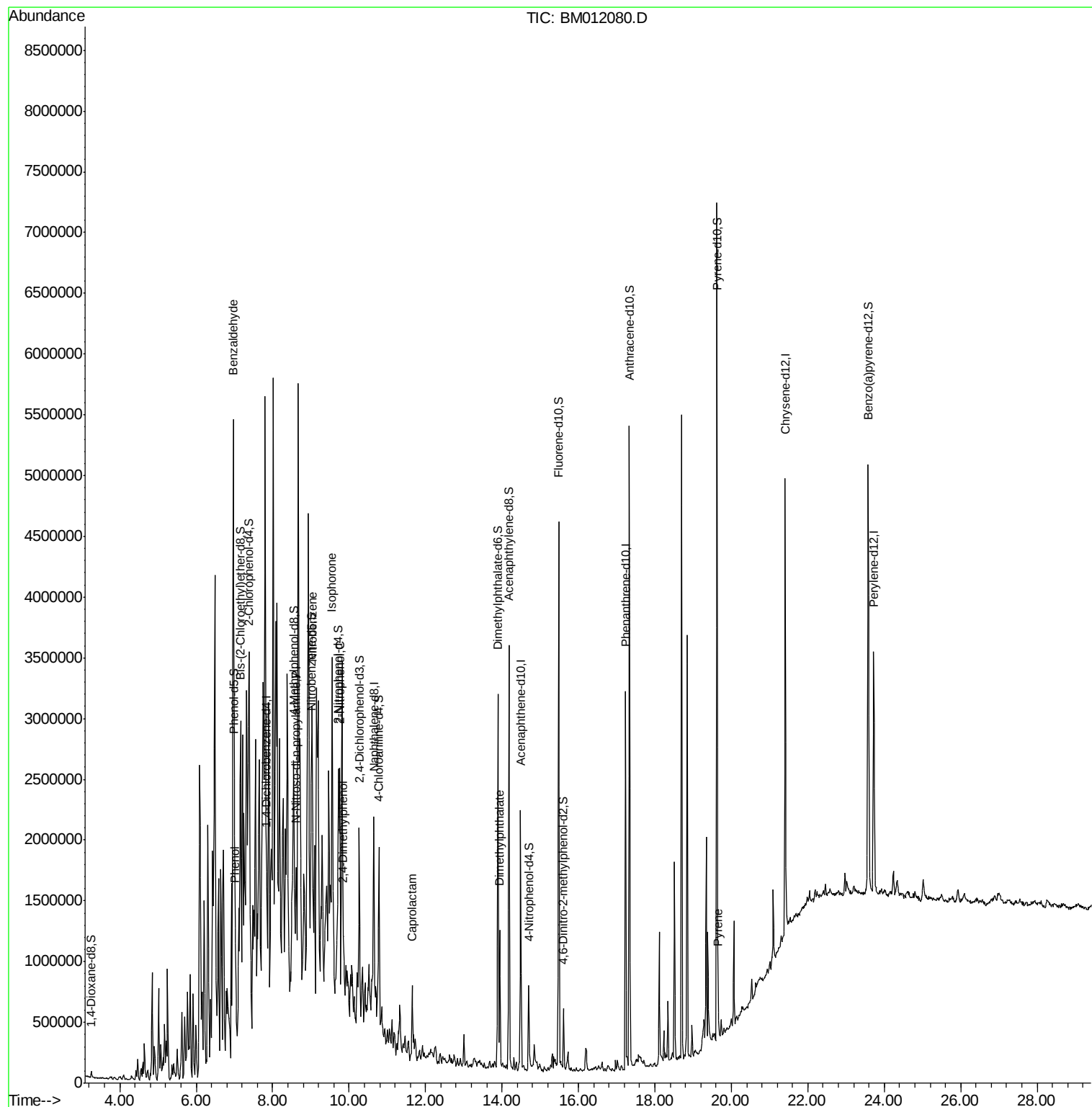
					Ovalue	
4) Benzaldehyde	6.97	77	62773	5.779	ng/ul#	14
6) Phenol	7.03	94	22421	1.039	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.60	70	42601	3.019	ng/ul#	69
20) Nitrobenzene	9.03	77	26070	1.358	ng/ul#	50
21) Isophorone	9.56	82	255871	7.147	ng/ul#	1
23) 2-Nitrophenol	9.75	139	18708	1.989	ng/ul#	1
24) 2,4-Dimethylphenol	9.85	107	83678	4.147	ng/ul#	80
32) Caprolactam	11.65	113	24424	4.268	ng/ul	87
44) Dimethylphthalate	13.94	163	630215	10.750	ng/ul	100
77) Pyrene	19.66	202	105203	1.094	ng/ul#	90

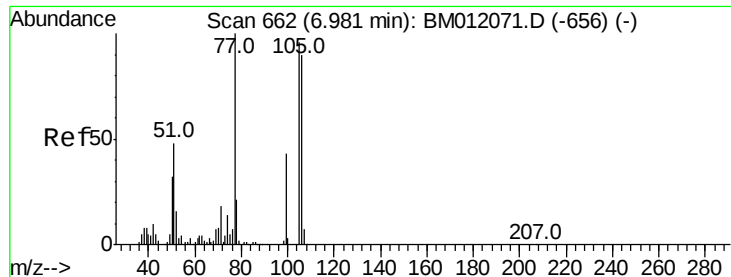
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 5.779 ng/ul

RT: 6.97 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM012080.D

Acq: 11 Oct 2017 22:09

Instrument :

BNA_M

ClientSampleId :

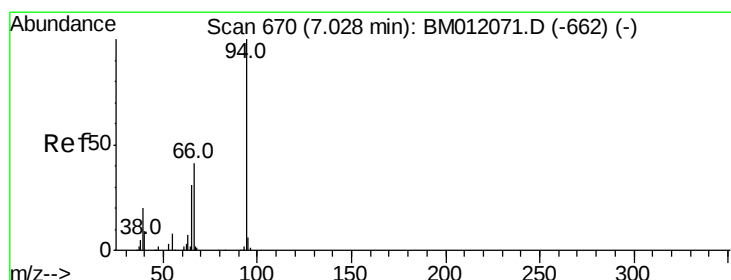
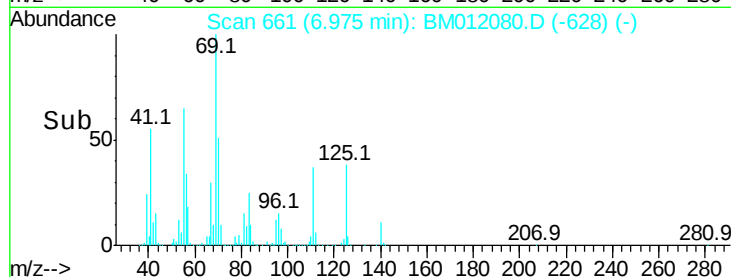
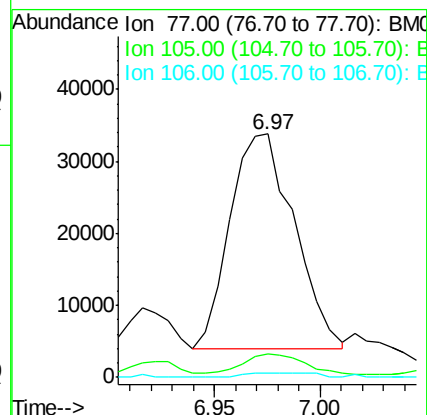
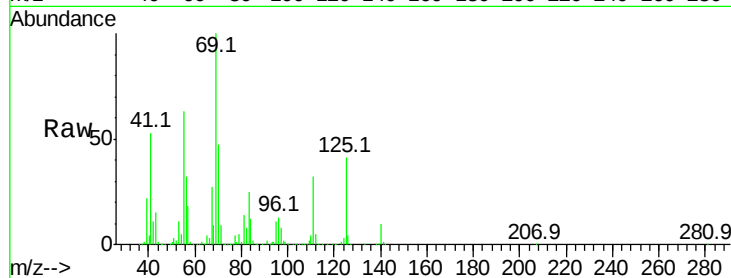
Tot Ion: 77 Resp: 62773

Ion Ratio Lower Upper

77 100

105 9.5 66.1 99.1#

106 1.9 67.8 101.6#



#6

Phenol

Concen: 1.039 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM012080.D

Acq: 11 Oct 2017 22:09

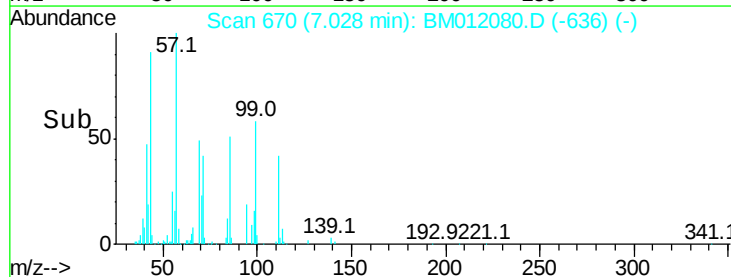
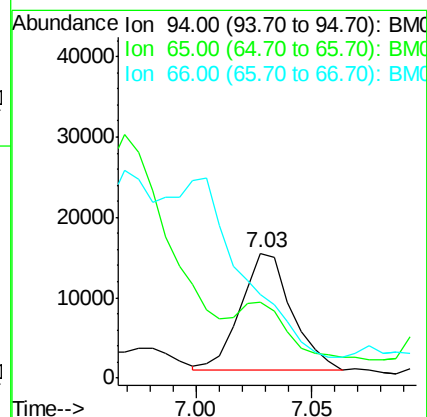
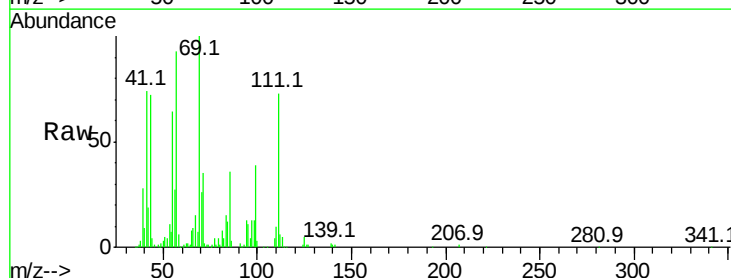
Tgt Ion: 94 Resp: 22421

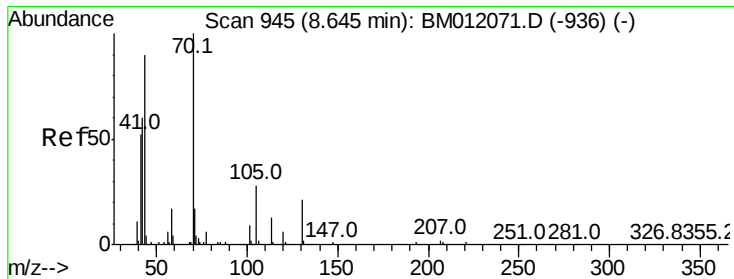
Ion Ratio Lower Upper

94 100

65 61.0 28.2 42.4#

66 67.3 47.2 70.8





#15

N-Nitroso-di-n-propylamine

Concen: 3.019 ng/ul

RT: 8.60 min Scan# 938

Delta R.T. -0.04 min

Lab File: BM012080.D

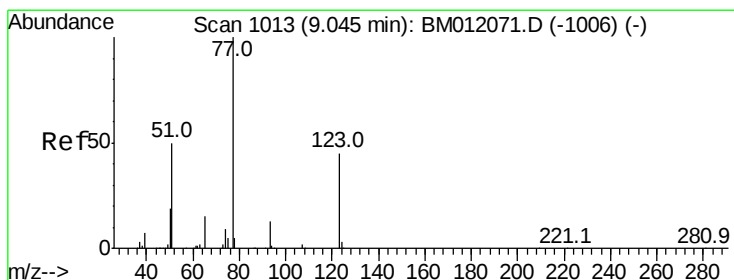
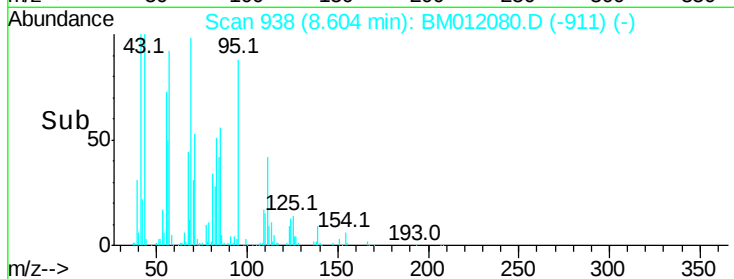
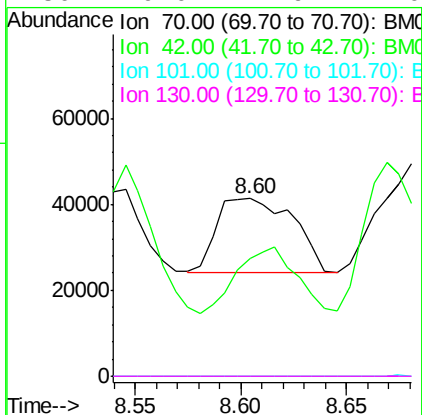
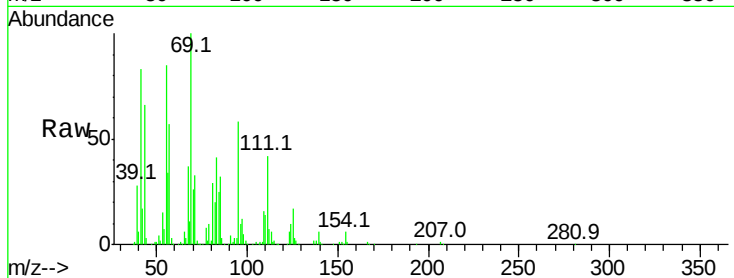
Acq: 11 Oct 2017 22:09

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	70	Resp:	42601
Ion Ratio	Lower	Upper	
70	100		
42	66.5	76.0	114.0#
101	0.0	6.7	10.1#
130	0.0	14.6	22.0#



#20

Nitrobenzene

Concen: 1.358 ng/ul

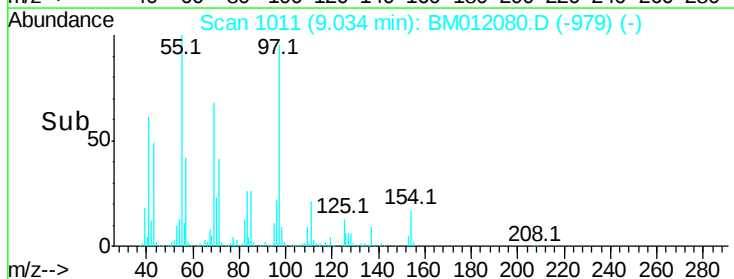
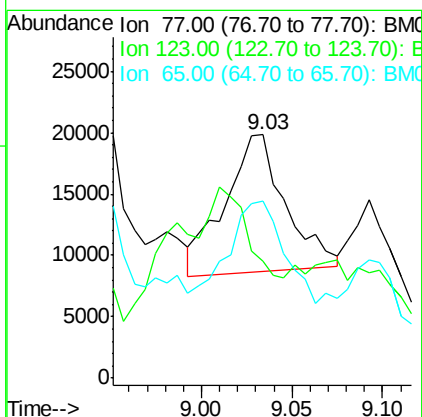
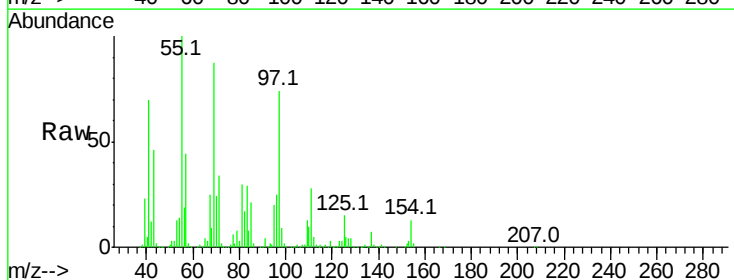
RT: 9.03 min Scan# 1011

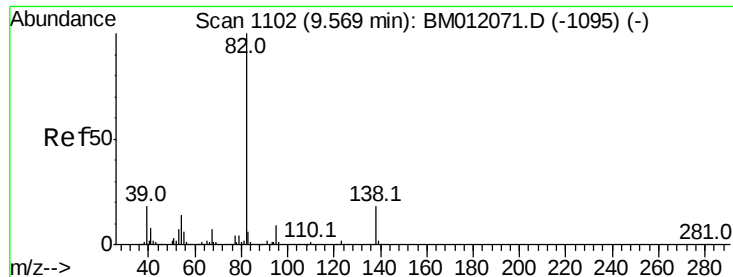
Delta R.T. -0.01 min

Lab File: BM012080.D

Acq: 11 Oct 2017 22:09

Tgt Ion:	77	Resp:	26070
Ion Ratio	Lower	Upper	
77	100		
123	48.1	31.0	46.6#
65	72.7	12.2	18.2#





#21

Isophorone

Concen: 7.147 ng/ul

RT: 9.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BM012080.D

Acq: 11 Oct 2017 22:09

Instrument :

BNA_M

ClientSampleId :

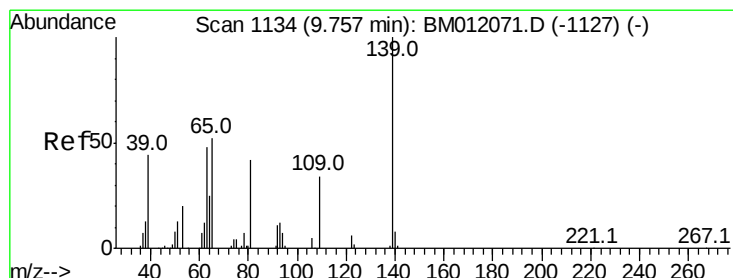
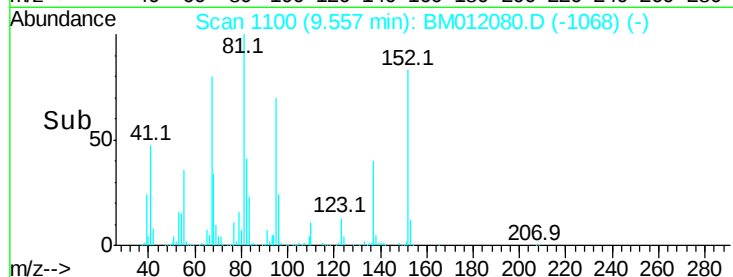
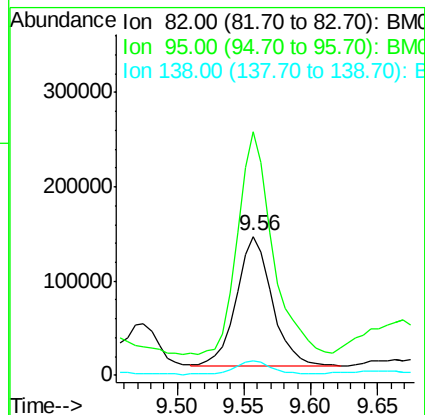
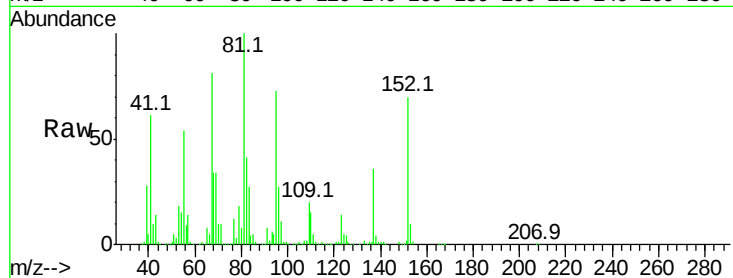
Tot Ion: 82 Resp: 255871

Ion Ratio Lower Upper

82 100

95 175.2 7.8 11.8#

138 10.6 11.9 17.9#



#23

2-Nitrophenol

Concen: 1.989 ng/ul

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BM012080.D

Acq: 11 Oct 2017 22:09

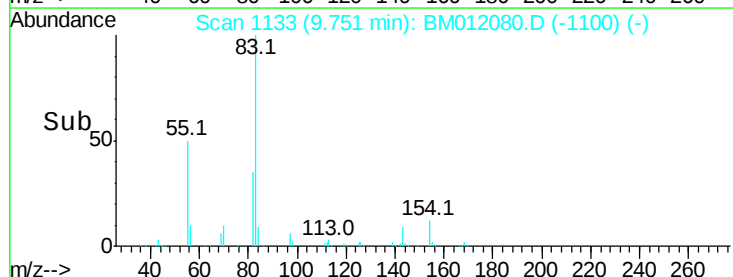
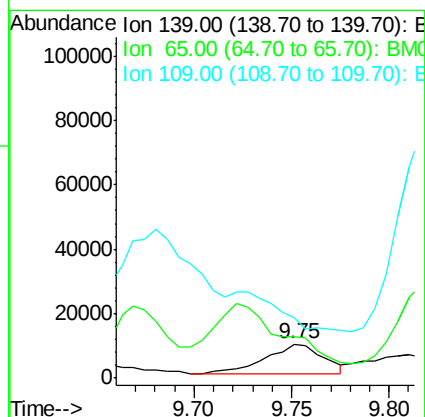
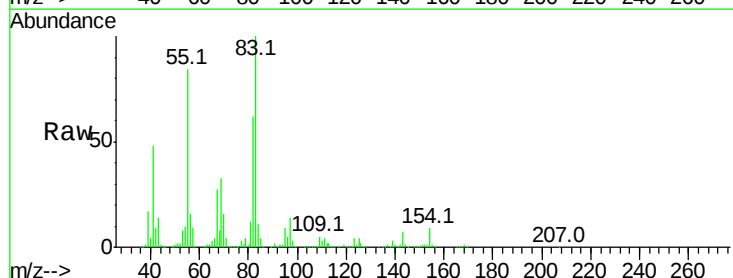
Tgt Ion: 139 Resp: 18708

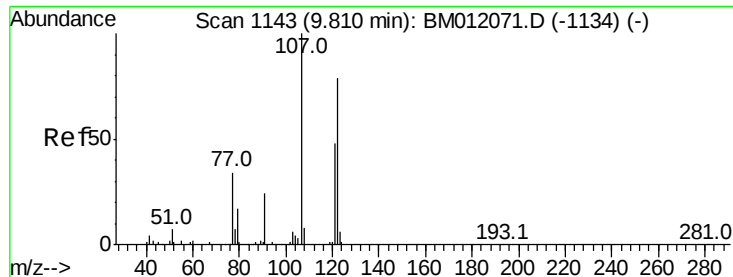
Ion Ratio Lower Upper

139 100

65 119.5 55.4 83.0#

109 179.2 42.2 63.2#

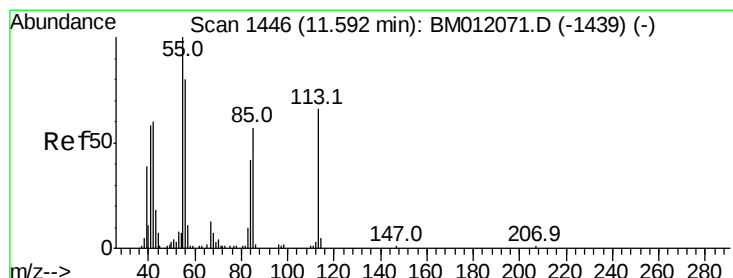
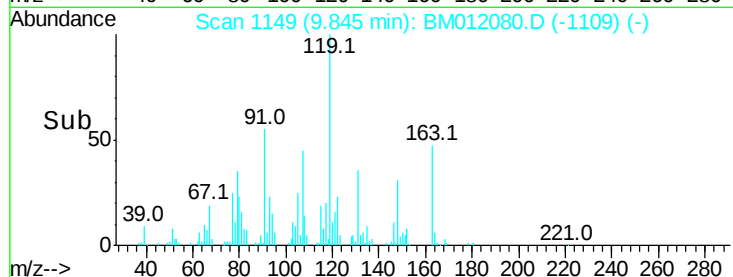
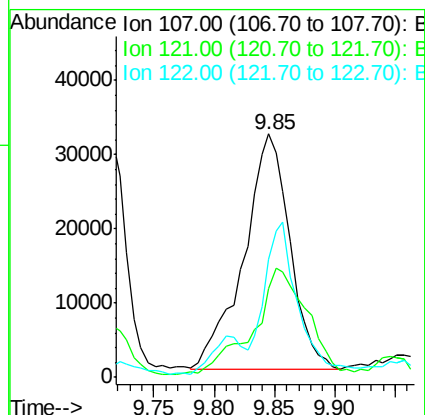
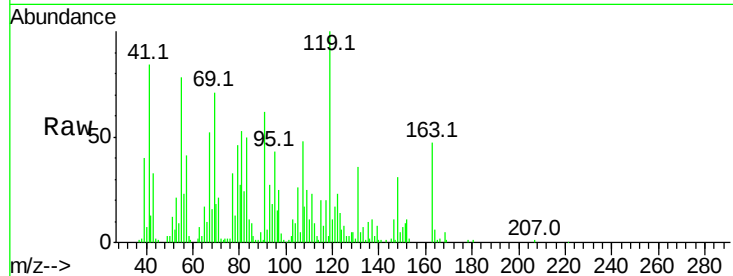




#24
2,4-Dimethylphenol
Concen: 4.147 ng/ul
RT: 9.85 min Scan# 1149
Delta R.T. 0.04 min
Lab File: BM012080.D
Acq: 11 Oct 2017 22:09

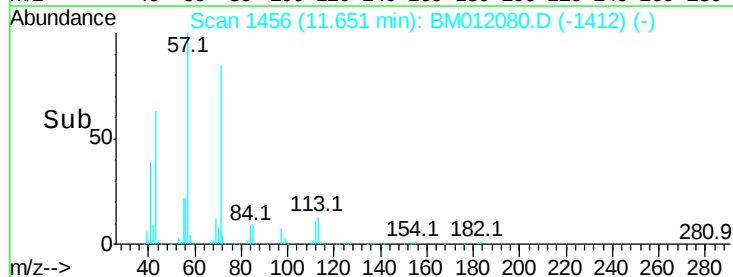
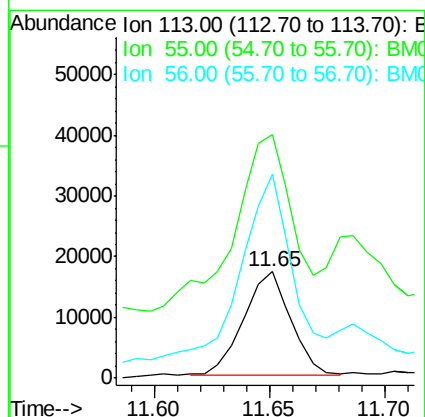
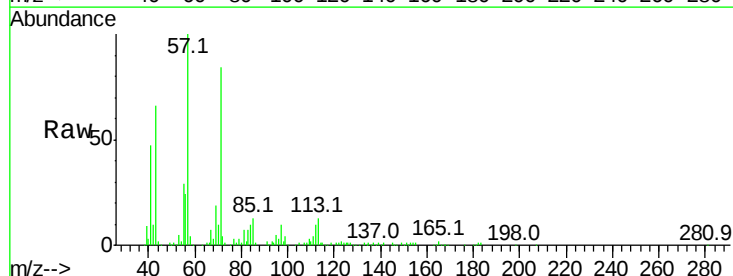
Instrument :
BNA_M
ClientSampled :

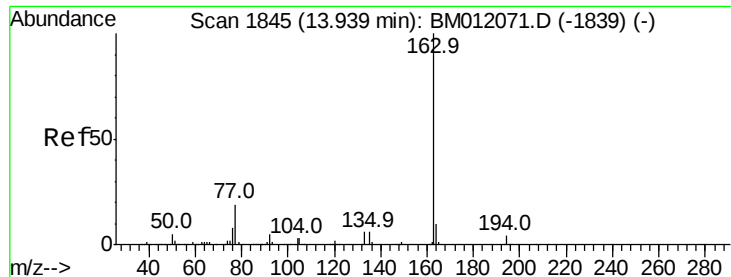
Tot Ion:107 Resp: 83678
Ion Ratio Lower Upper
107 100
121 36.2 31.9 47.9
122 48.7 57.8 86.6#



#32
Caprolactam
Concen: 4.268 ng/ul
RT: 11.65 min Scan# 1456
Delta R.T. 0.06 min
Lab File: BM012080.D
Acq: 11 Oct 2017 22:09

Tgt Ion:113 Resp: 24424
Ion Ratio Lower Upper
113 100
55 228.4 208.0 312.0
56 190.8 160.0 240.0

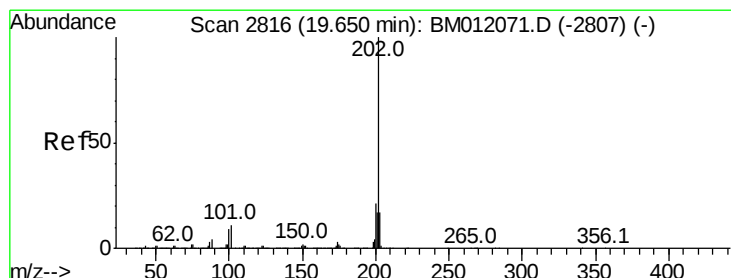
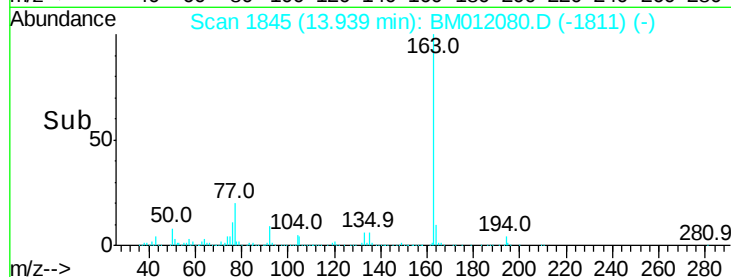
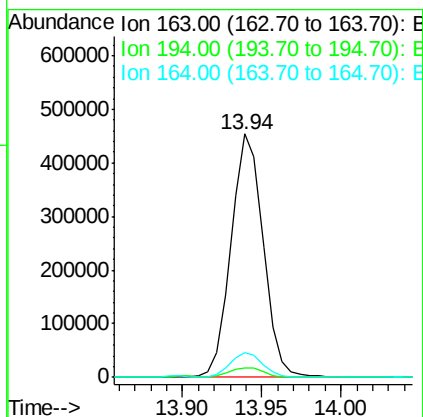
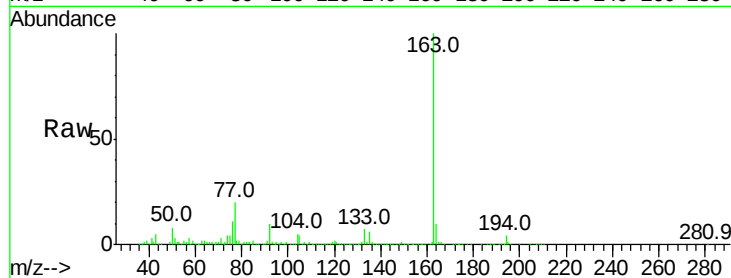




#44
Dimethylphthalate
Concen: 10.750 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BM012080.D
Acq: 11 Oct 2017 22:09

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.4	8.2	12.4



#77
Pyrene
Concen: 1.094 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.01 min
Lab File: BM012080.D
Acq: 11 Oct 2017 22:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	5.1	7.7#
100	9.1	4.9	7.3#

