

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012078.D
 Acq On : 11 Oct 2017 20:56
 Operator : SJ/JU
 Sample : I5649-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 01:23:27 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	244941	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1065212	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	654639	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1591149	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1620854	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1480124	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	31166	6.02	ng/uL	0.00
5) Phenol-d5	7.00	99	666367	31.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	489926	39.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	573396	33.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	515082	28.27	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	278183	36.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	314649	36.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	591722	34.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	747043	39.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1943831	34.26	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2450403	36.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	284816	28.73	ng/ul	0.01
57) Fluorene-d10	15.48	176	1715534	34.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	120355	11.24	ng/ul	0.00
70) Anthracene-d10	17.33	188	2785339	35.52	ng/ul	0.00
76) Pyrene-d10	19.63	212	3349605	45.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2454817	34.48	ng/ul	0.01

Target Compounds

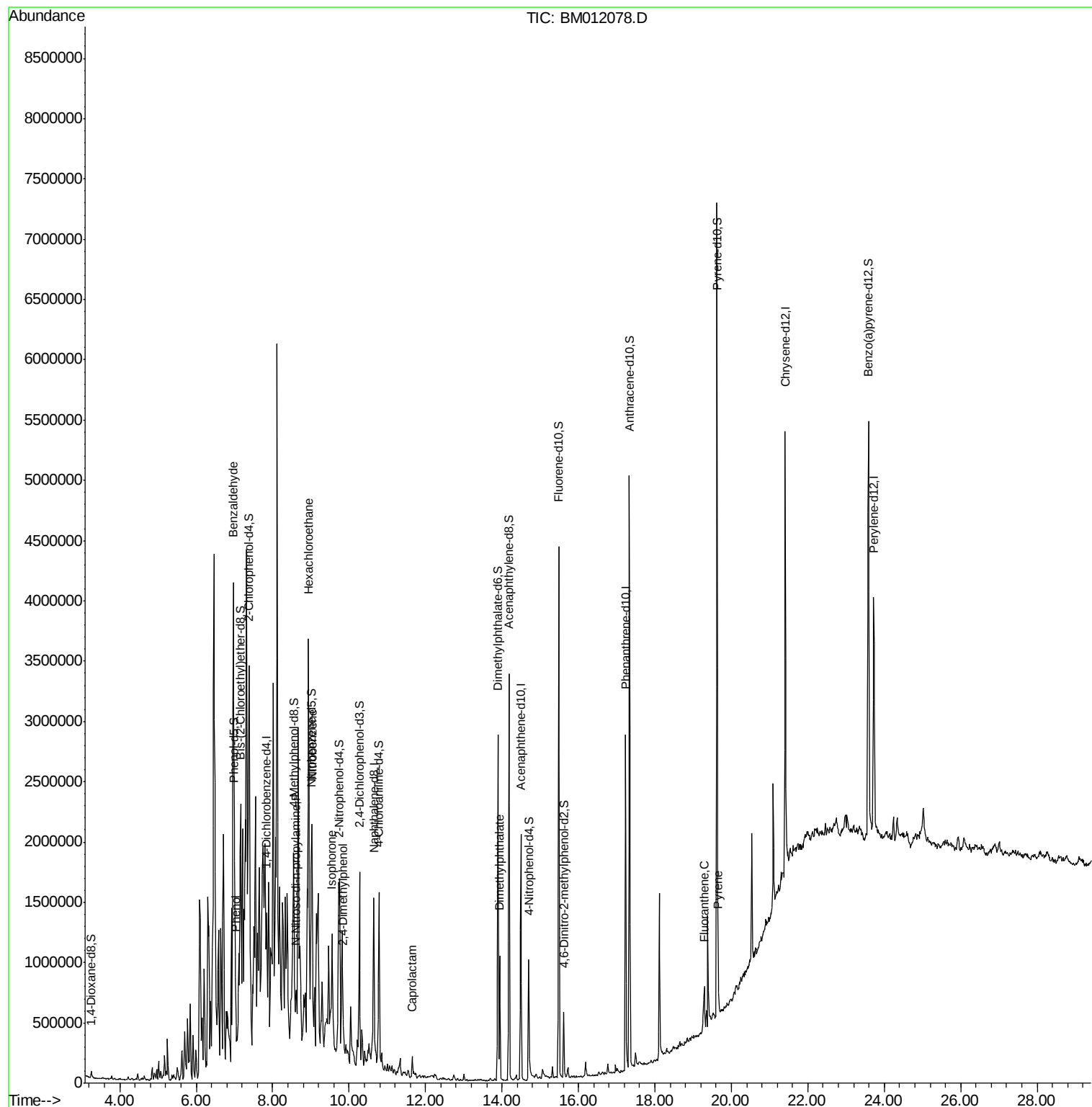
					Ovalue	
4) Benzaldehyde	6.97	77	49742	4.737	ng/ul#	11
6) Phenol	7.03	94	25238	1.210	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.60	70	14467	1.061	ng/ul#	57
17) Hexachloroethane	8.95	117	112945	17.040	ng/ul#	1
20) Nitrobenzene	9.03	77	22066	1.204	ng/ul#	40
21) Isophorone	9.56	82	95779	2.803	ng/ul#	1
24) 2,4-Dimethylphenol	9.84	107	25500	1.324	ng/ul#	67
32) Caprolactam	11.65	113	7367	1.349	ng/ul	99
44) Dimethylphthalate	13.94	163	637041	11.671	ng/ul	100
74) Fluoranthene	19.29	202	175831	1.647	ng/ul#	89
77) Pyrene	19.66	202	172809	1.923	ng/ul#	90

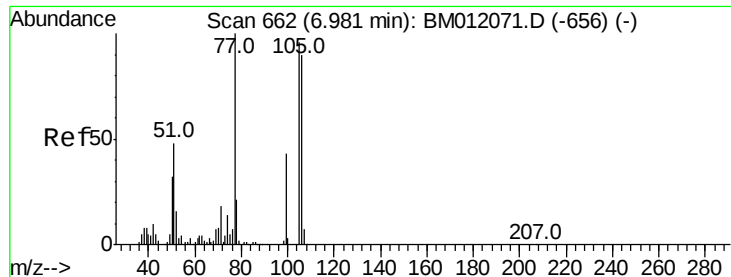
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.737 ng/ul

RT: 6.97 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM012078.D

Acq: 11 Oct 2017 20:56

Instrument :

BNA_M

ClientSampled :

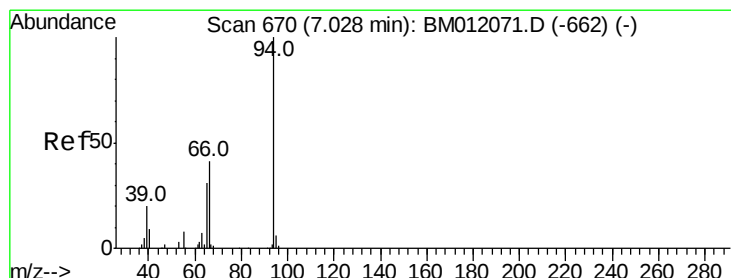
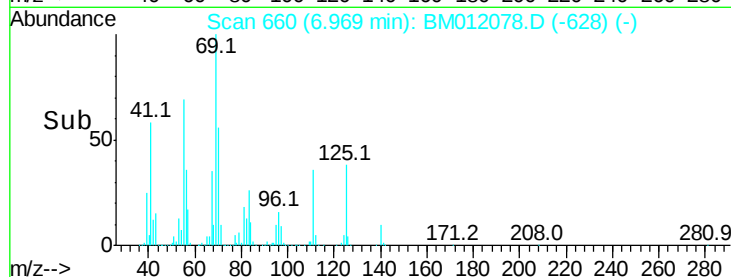
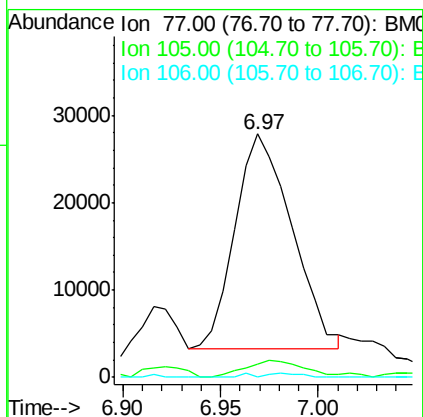
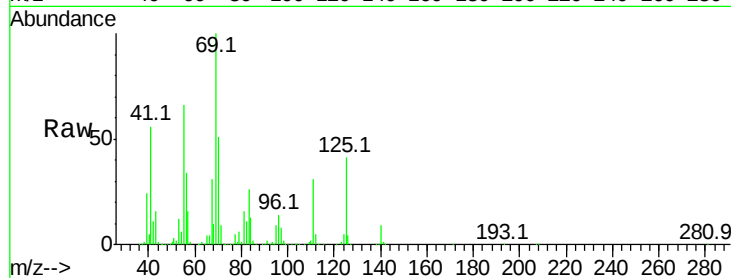
Tot Ion: 77 Resp: 49742

Ion Ratio Lower Upper

77 100

105 5.6 66.1 99.1#

106 0.0 67.8 101.6#



#6

Phenol

Concen: 1.210 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. 0.01 min

Lab File: BM012078.D

Acq: 11 Oct 2017 20:56

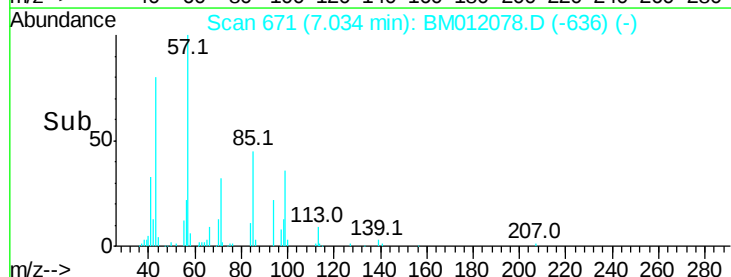
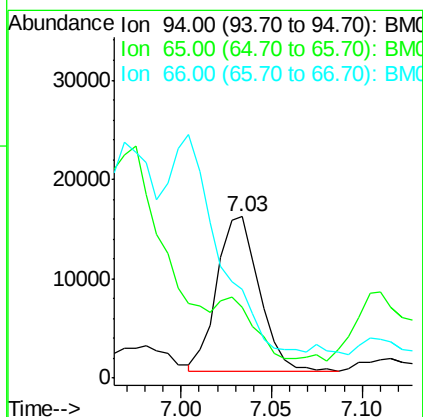
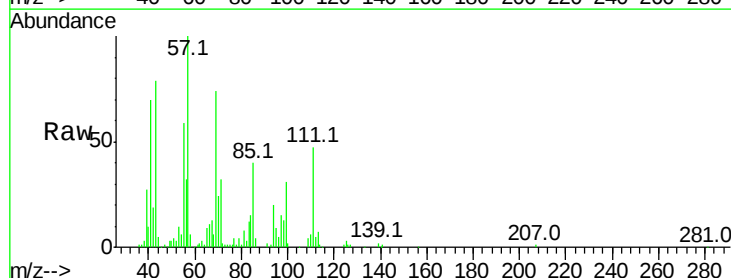
Tgt Ion: 94 Resp: 25238

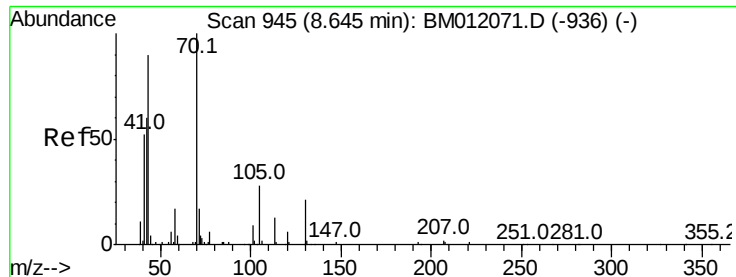
Ion Ratio Lower Upper

94 100

65 44.1 28.2 42.4#

66 54.9 47.2 70.8





#15

N-Nitroso-di-n-propylamine

Concen: 1.061 ng/ul

RT: 8.60 min Scan# 937

Delta R.T. -0.05 min

Lab File: BM012078.D

Acq: 11 Oct 2017 20:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 14467

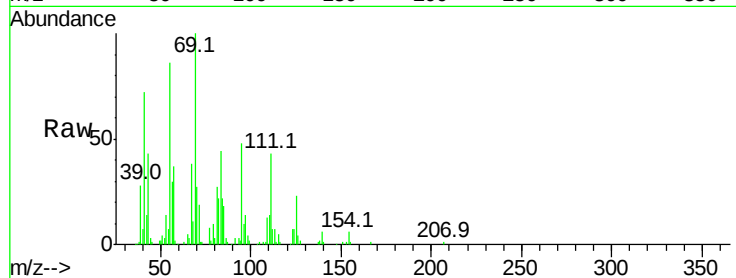
Ion Ratio Lower Upper

70 100

42 51.1 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

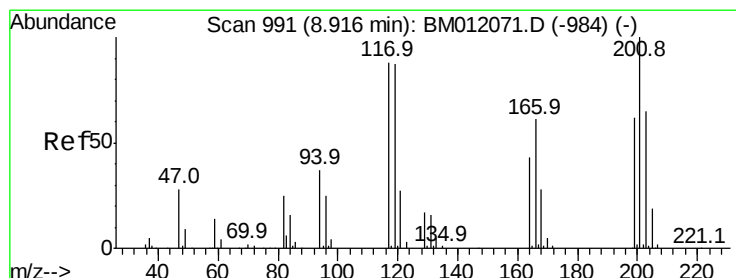
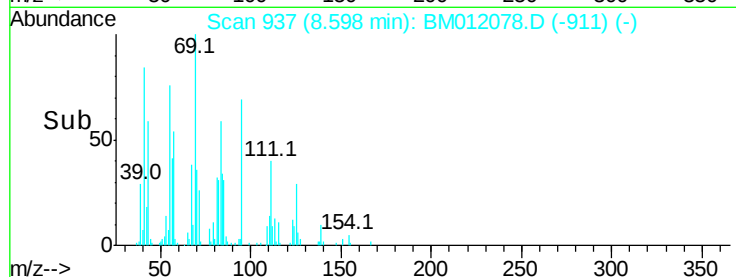
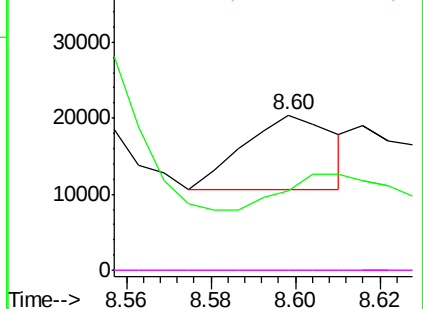


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 17.040 ng/ul

RT: 8.95 min Scan# 996

Delta R.T. 0.03 min

Lab File: BM012078.D

Acq: 11 Oct 2017 20:56

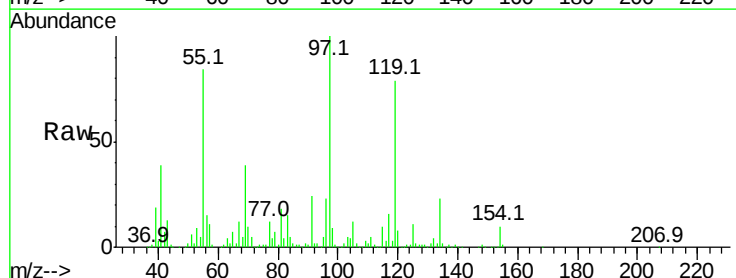
Tgt Ion: 117 Resp: 112945

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

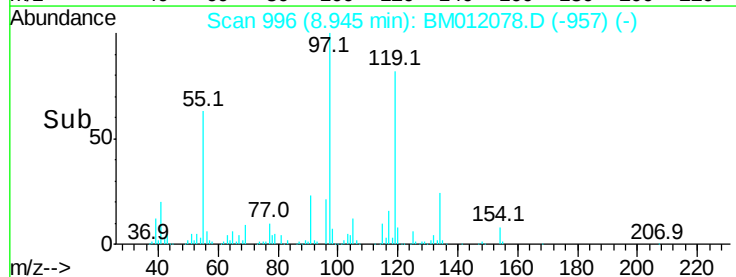
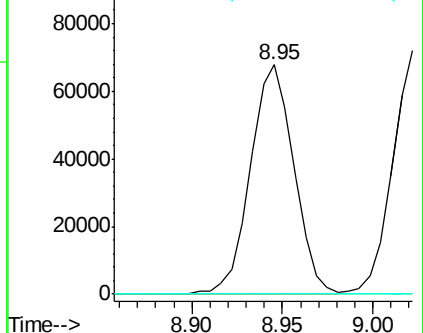
199 0.0 67.8 101.6#

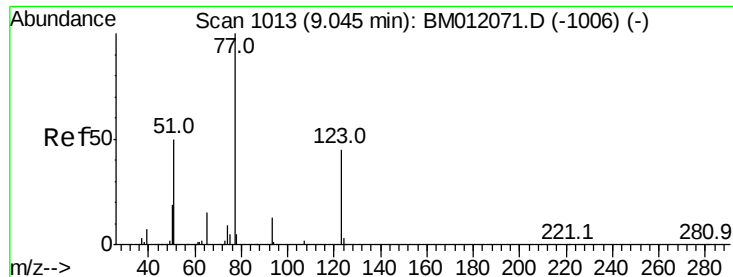


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

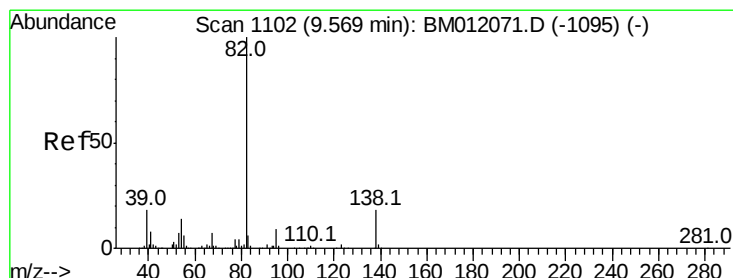
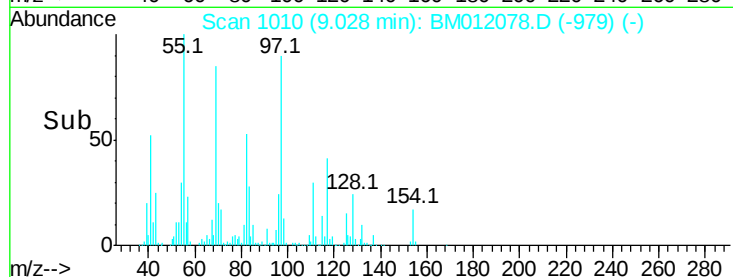
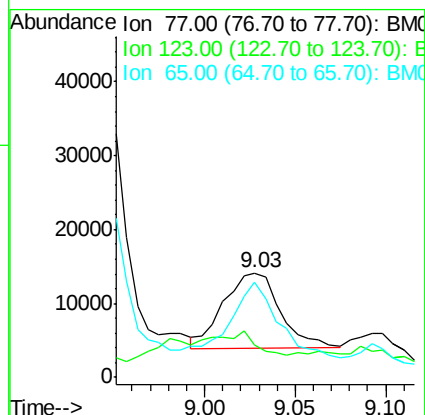
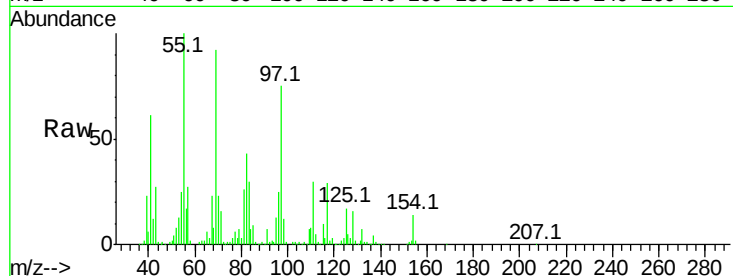




#20
Nitrobenzene
Concen: 1.204 ng/ul
RT: 9.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BM012078.D
Acq: 11 Oct 2017 20:56

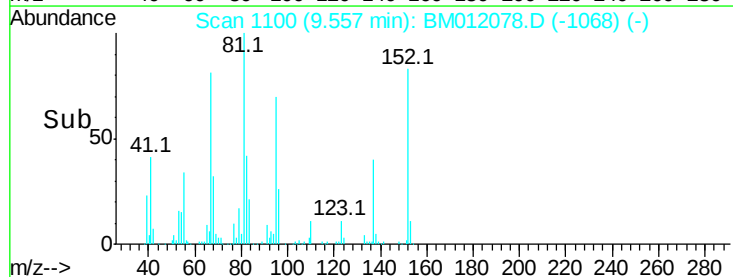
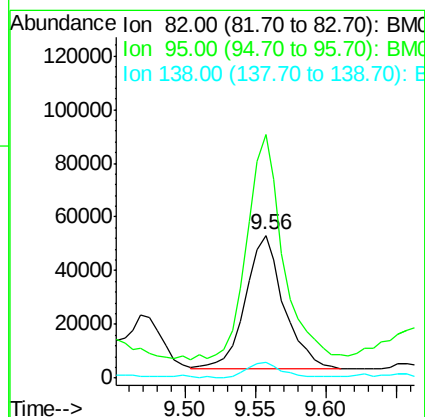
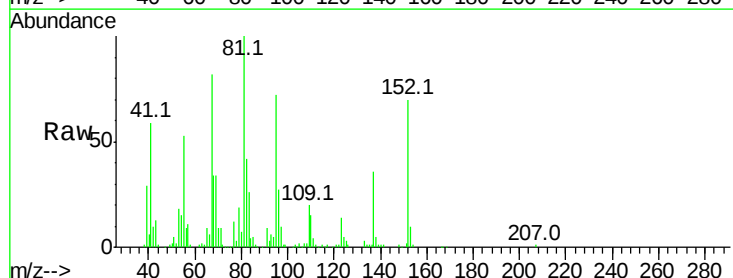
Instrument :
BNA_M
ClientSampled :

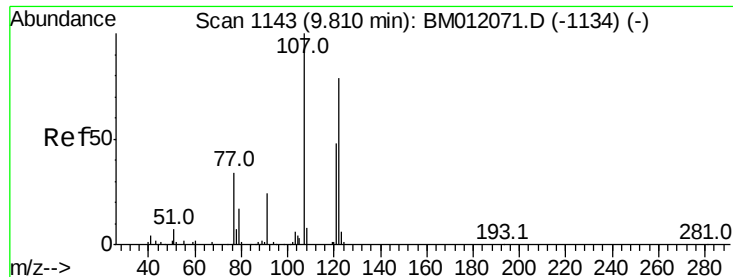
Tot Ion: 77 Resp: 22066
Ion Ratio Lower Upper
77 100
123 30.8 31.0 46.6#
65 90.7 12.2 18.2#



#21
Isophorone
Concen: 2.803 ng/ul
RT: 9.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BM012078.D
Acq: 11 Oct 2017 20:56

Tgt Ion: 82 Resp: 95779
Ion Ratio Lower Upper
82 100
95 170.7 7.8 11.8#
138 10.8 11.9 17.9#





#24

2,4-Dimethylphenol

Concen: 1.324 ng/ul

RT: 9.84 min Scan# 1148

Delta R.T. 0.03 min

Lab File: BM012078.D

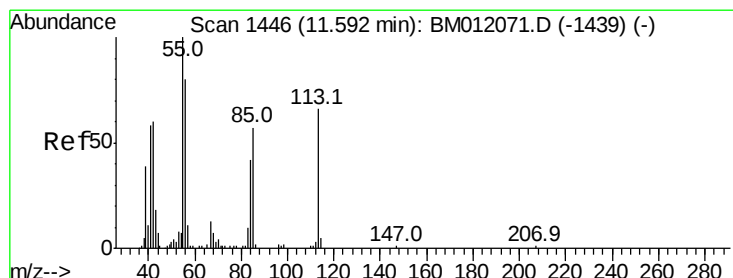
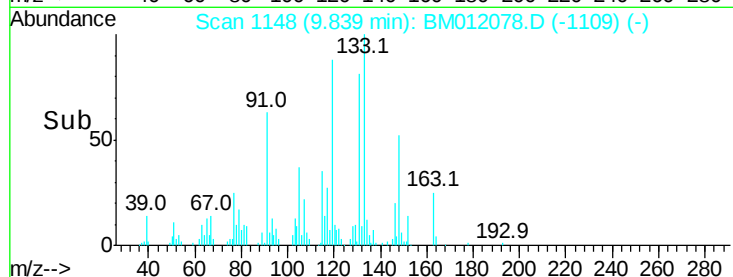
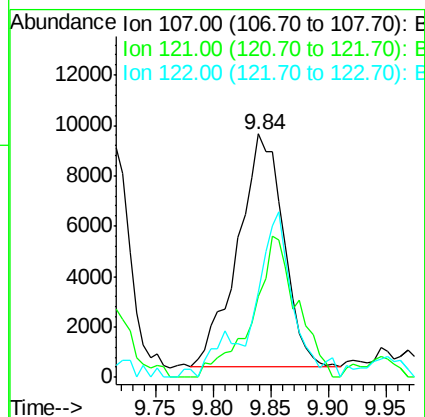
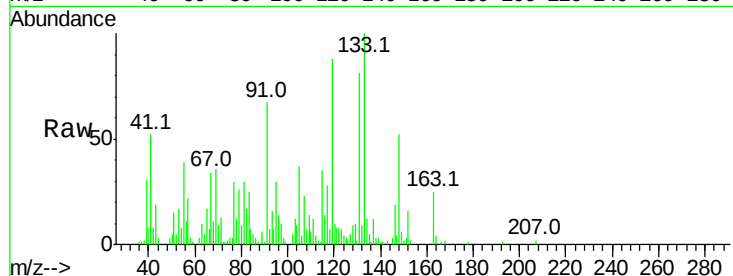
Acq: 11 Oct 2017 20:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	25500
Ion	Ratio	Lower	Upper
107	100		
121	33.2	31.9	47.9
122	34.7	57.8	86.6#



#32

Caprolactam

Concen: 1.349 ng/ul

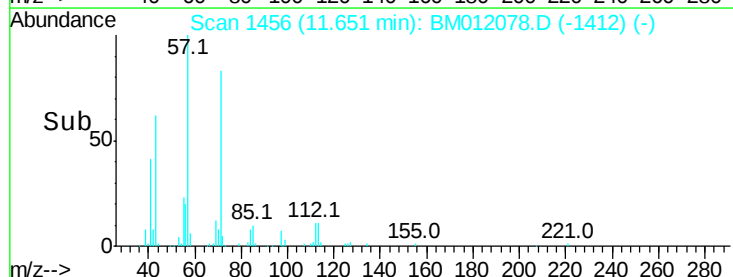
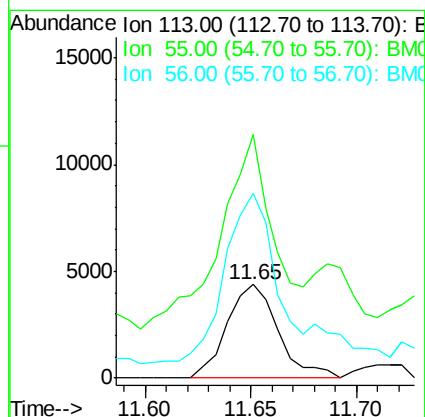
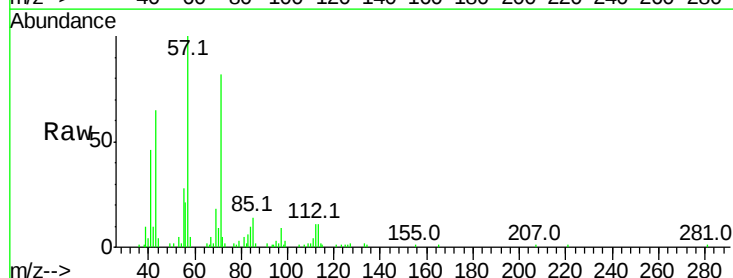
RT: 11.65 min Scan# 1456

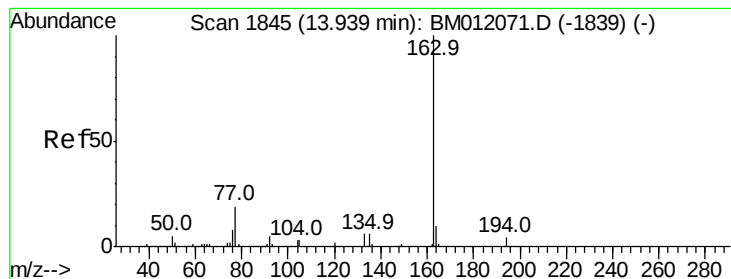
Delta R.T. 0.06 min

Lab File: BM012078.D

Acq: 11 Oct 2017 20:56

Tgt Ion:	113	Resp:	7367
Ion	Ratio	Lower	Upper
113	100		
55	260.6	208.0	312.0
56	197.1	160.0	240.0





#44

Dimethylphthalate

Concen: 11.671 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BM012078.D

Acq: 11 Oct 2017 20:56

Instrument :

BNA_M

ClientSampleId :

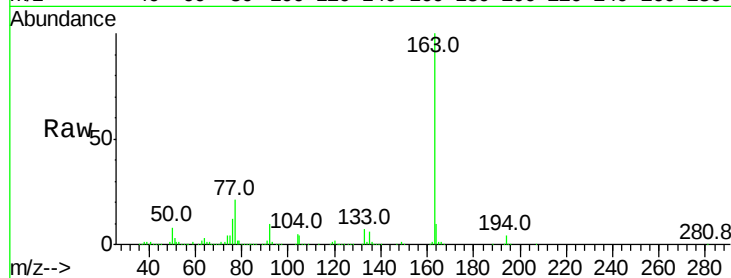
Tot Ion:163 Resp: 637041

Ion Ratio Lower Upper

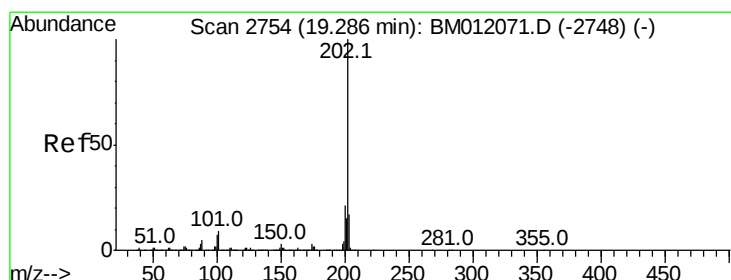
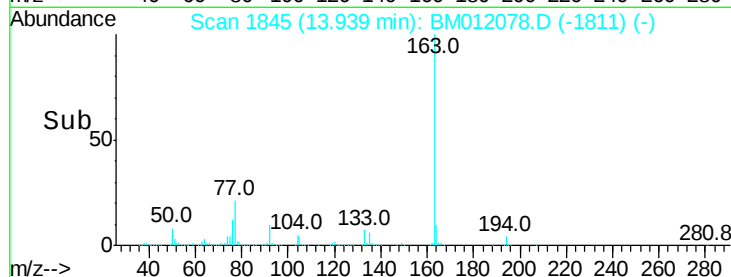
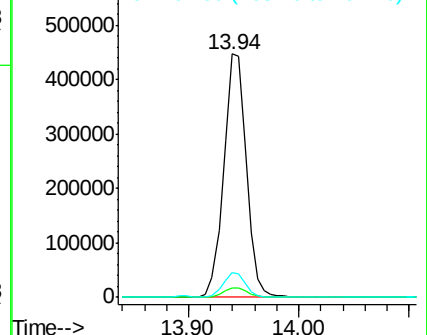
163 100

194 4.0 3.5 5.3

164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#74

Fluoranthene

Concen: 1.647 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.01 min

Lab File: BM012078.D

Acq: 11 Oct 2017 20:56

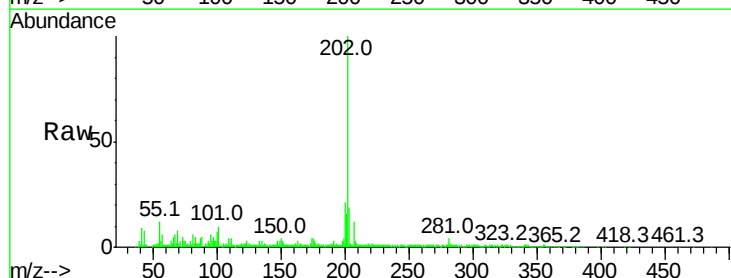
Tgt Ion:202 Resp: 175831

Ion Ratio Lower Upper

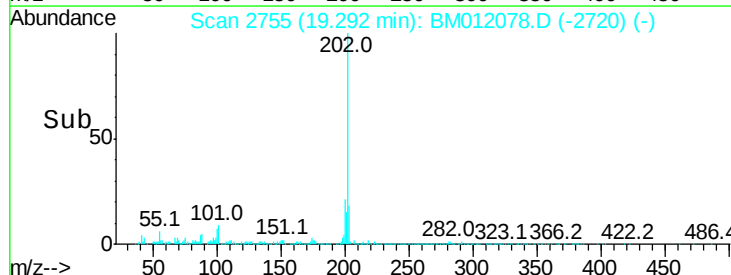
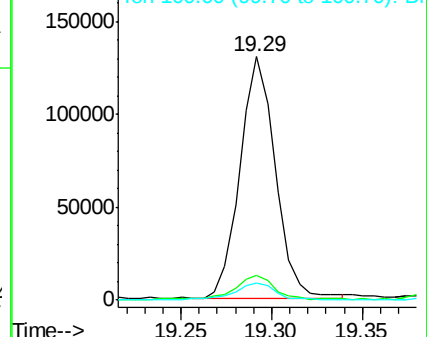
202 100

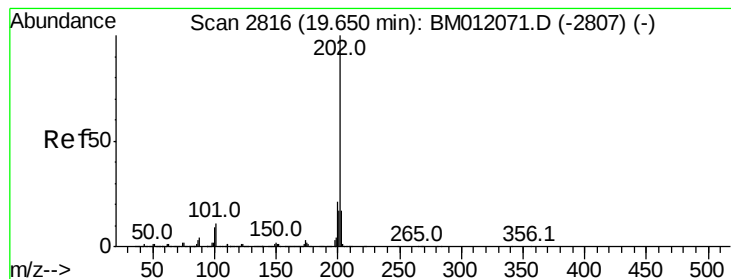
101 10.0 4.6 7.0#

100 6.9 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.923 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BM012078.D

Acq: 11 Oct 2017 20:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 172809

Ion Ratio Lower Upper

202 100

101 10.2 5.1 7.7#

100 8.9 4.9 7.3#

