

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012084.D
 Acq On : 12 Oct 2017 00:35
 Operator : SJ/JU
 Sample : I5568-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 04:27:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 04:22:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	410819	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	1527952	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.49	164	896829	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1833442	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2057116	20.00	ng/ul	0.01
83) Perylene-d12	23.76	264	2056876	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	27102	3.12	ng/uL	0.00
5) Phenol-d5	7.01	99	773809	21.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	2138170	102.21	ng/ul	0.01
9) 2-Chlorophenol-d4	7.39	132	615730	21.71	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	897179	29.36	ng/ul	0.01
19) Nitrobenzene-d5	9.03	128	277735	25.53	ng/ul	0.02
22) 2-Nitrophenol-d4	9.75	143	342318	27.93	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.28	165	626900	25.31	ng/ul	0.02
29) 4-Chloroaniline-d4	10.76	131	2005442	74.20	ng/ul	-0.02
43) Dimethylphthalate-d6	13.90	166	1973082	25.39	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2496846	27.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	207109	15.25	ng/ul	0.00
57) Fluorene-d10	15.49	176	1661088	24.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	62392	5.06	ng/ul	0.00
70) Anthracene-d10	17.33	188	2394588	26.50	ng/ul	0.00
76) Pyrene-d10	19.63	212	2521918	27.18	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.61	264	2622430	26.50	ng/ul	0.04

Target Compounds

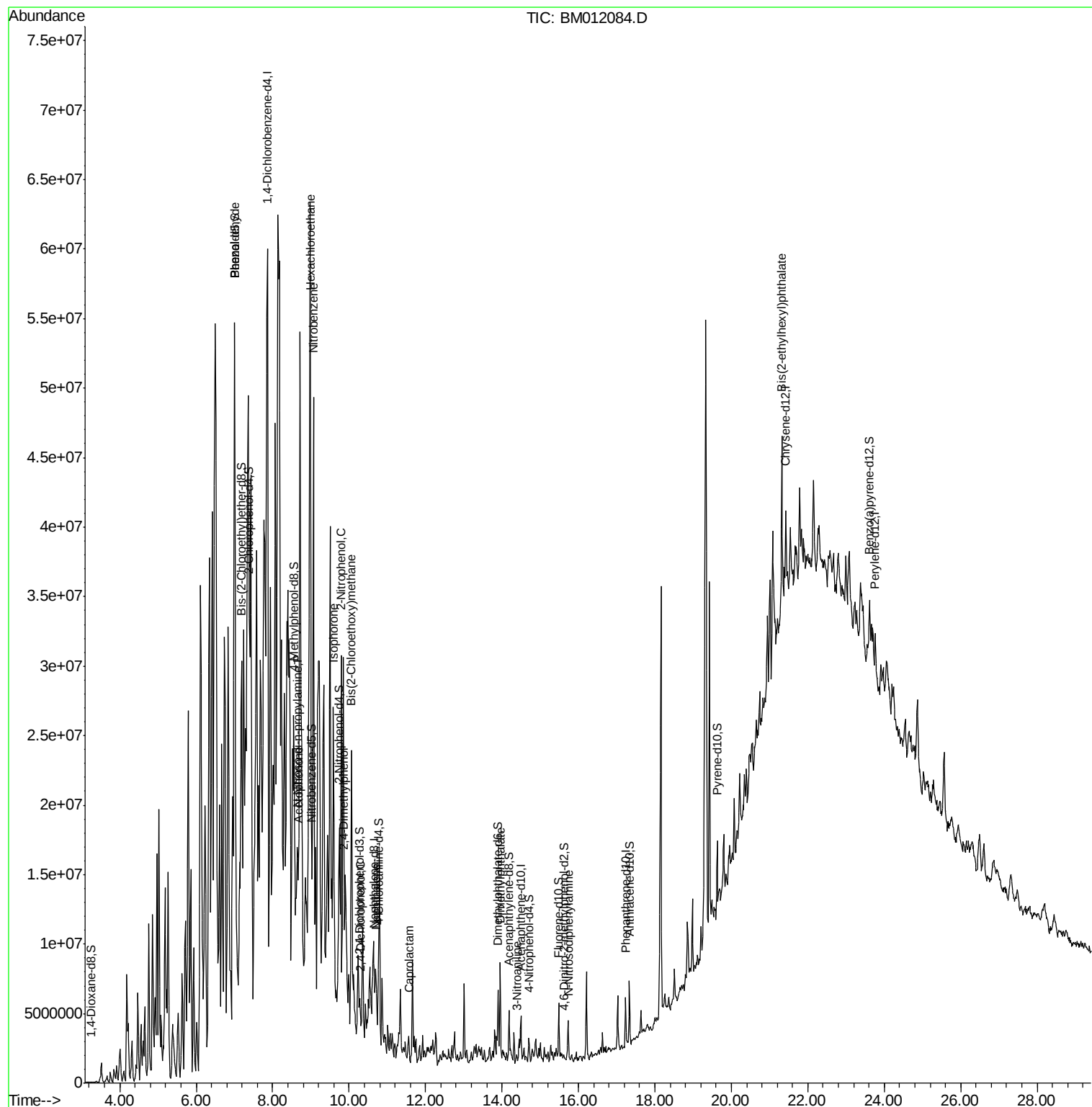
					Ovalue	
4) Benzaldehyde	7.01	77	830452	47.150	ng/ul#	13
6) Phenol	7.01	94	166268	4.754	ng/ul#	1
14) Acetophenone	8.67	105	187609	4.196	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.64	70	261514	11.430	ng/ul#	60
17) Hexachloroethane	8.97	117	4240839	381.468	ng/ul#	1
20) Nitrobenzene	9.07	77	1190400	45.284	ng/ul#	39
21) Isophorone	9.59	82	2063697	42.099	ng/ul#	1
23) 2-Nitrophenol	9.78	139	136912	10.629	ng/ul#	1
24) 2,4-Dimethylphenol	9.87	107	711522	25.755	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.07	93	167808	5.575	ng/ul#	1
27) 2,4-Dichlorophenol	10.30	162	65472	2.739	ng/ul#	41
28) Naphthalene	10.70	128	199107	2.598	ng/ul#	1
32) Caprolactam	11.57	113	11036	1.408	ng/ul#	1
44) Dimethylphthalate	13.94	163	852440	11.400	ng/ul	99
48) 3-Nitroaniline	14.39	138	16473	1.258	ng/ul#	24
64) N-Nitrosodiphenylamine	15.74	169	126224	2.383	ng/ul#	45
81) Bis(2-ethylhexyl)phthalate	21.32	149	4046149	60.871	ng/ul	94

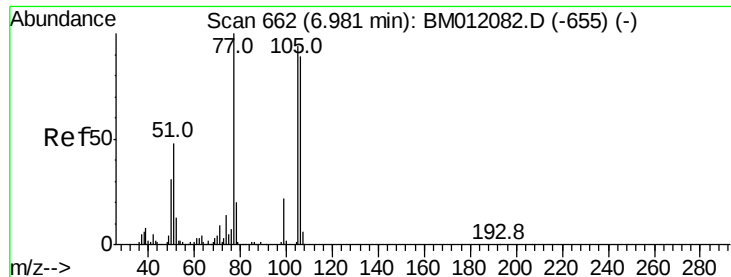
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 47.150 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.03 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

Instrument :

BNA_M

ClientSampleId :

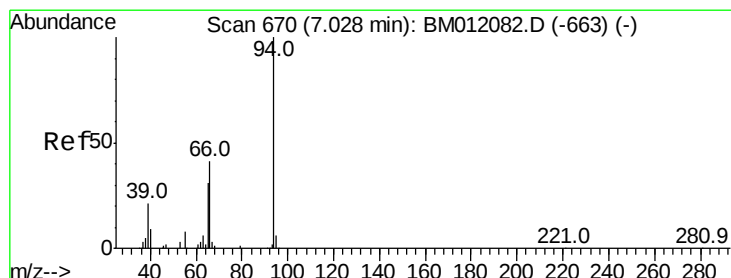
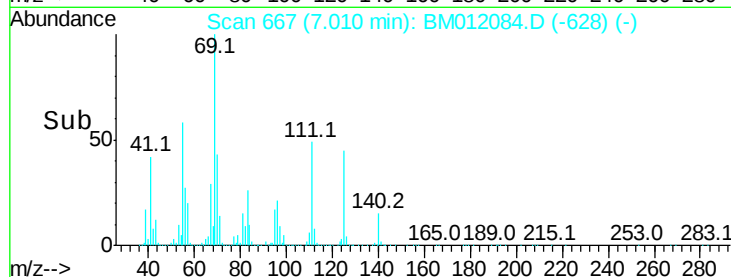
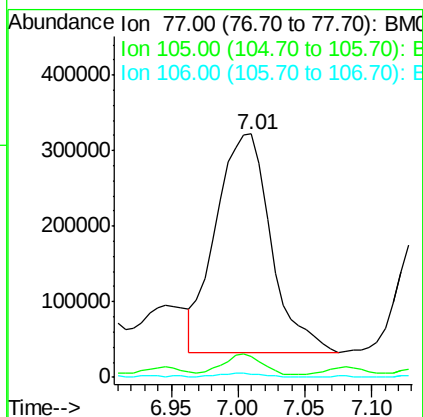
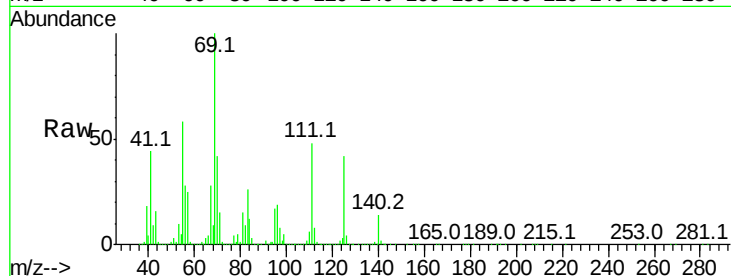
Tot Ion: 77 Resp: 830452

Ion Ratio Lower Upper

77 100

105 8.4 66.1 99.1#

106 1.4 67.8 101.6#



#6

Phenol

Concen: 4.754 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. -0.02 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

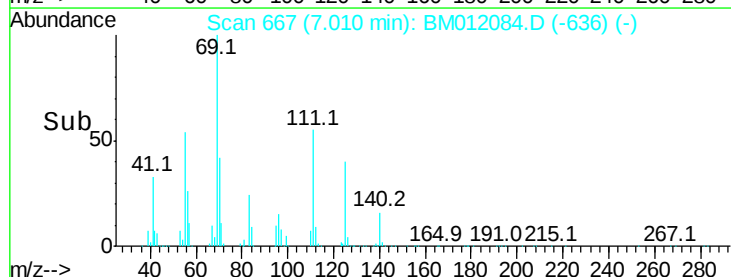
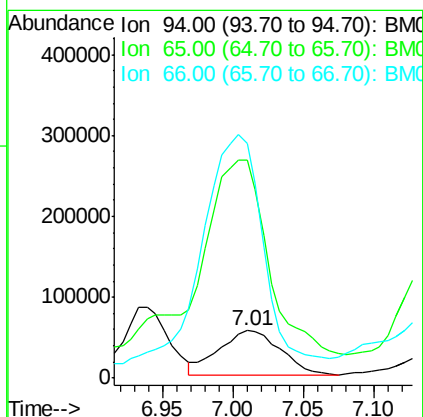
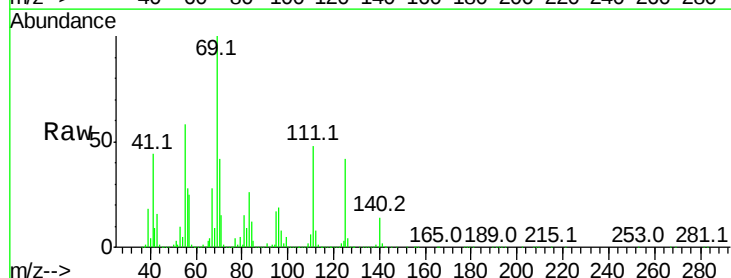
Tgt Ion: 94 Resp: 166268

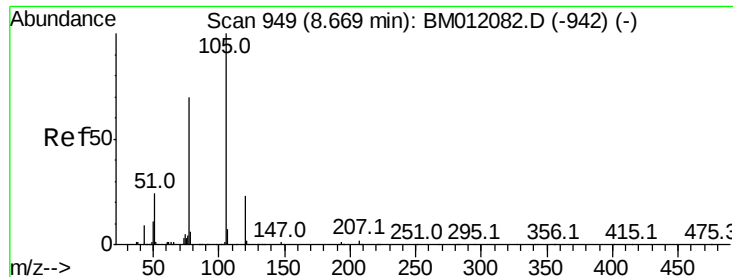
Ion Ratio Lower Upper

94 100

65 457.5 28.2 42.4#

66 492.7 47.2 70.8#





#14

Acetophenone

Concen: 4.196 ng/ul

RT: 8.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

Instrument :

BNA_M

ClientSampleId :

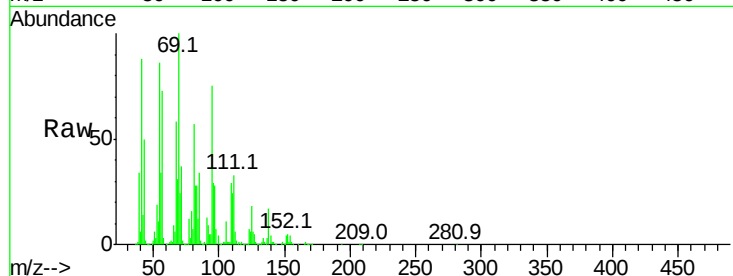
Tot Ion:105 Resp: 187609

Ion Ratio Lower Upper

105 100

77 109.4 74.2 111.4

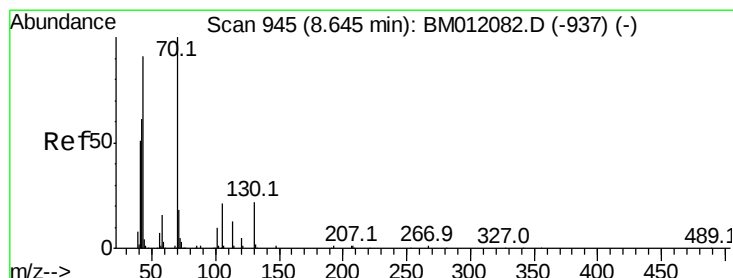
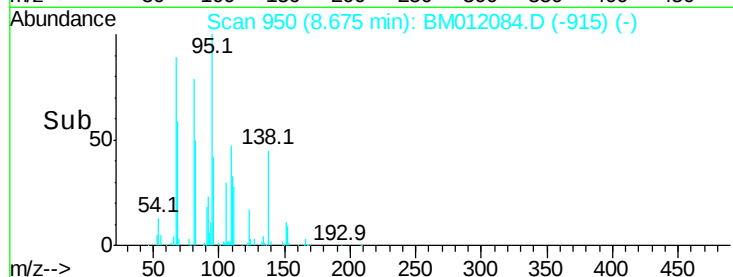
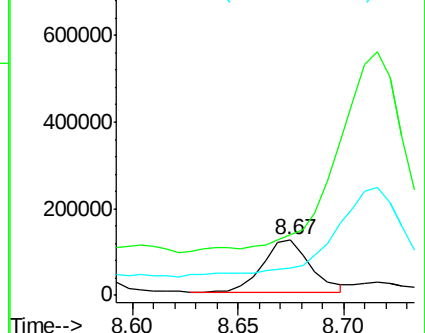
51 48.6 23.4 35.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#15

N-Nitroso-di-n-propylamine

Concen: 11.430 ng/ul

RT: 8.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

Tgt Ion: 70 Resp: 261514

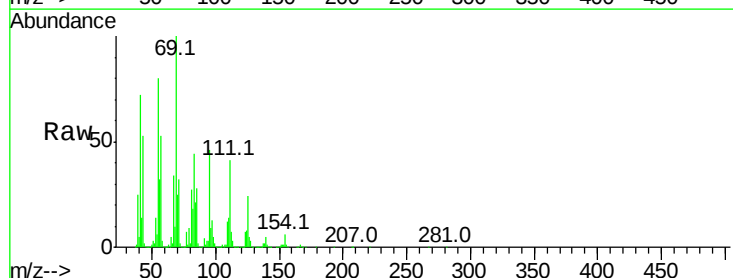
Ion Ratio Lower Upper

70 100

42 54.3 76.0 114.0#

101 0.2 6.7 10.1#

130 0.0 14.6 22.0#

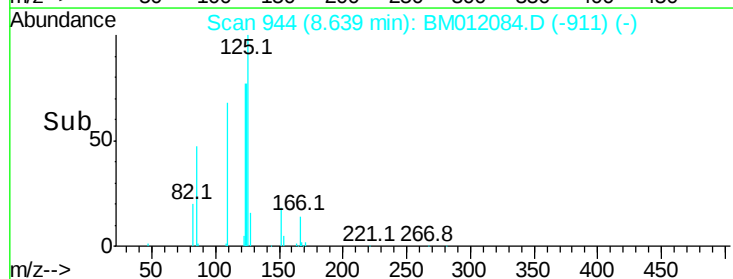
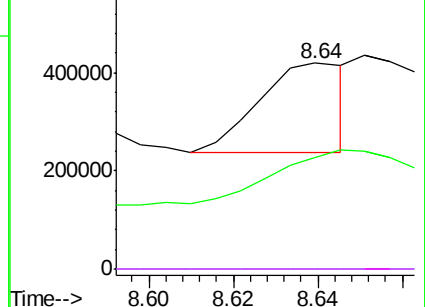


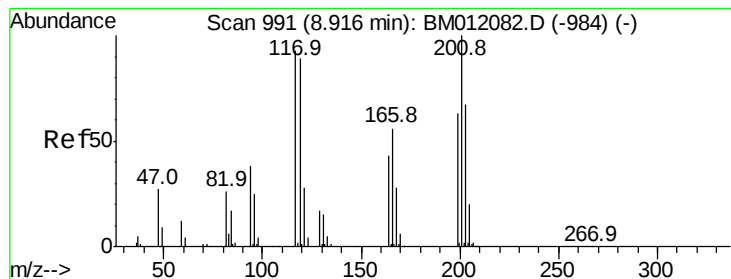
Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 381.468 ng/ul

RT: 8.97 min Scan# 1001

Delta R.T. 0.06 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

Instrument :

BNA_M

ClientSampleId :

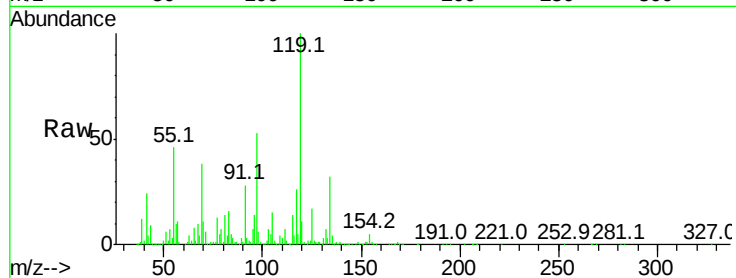
Tot Ion:117 Resp: 4240839

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

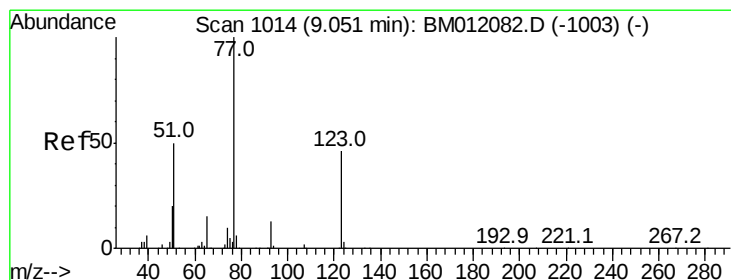
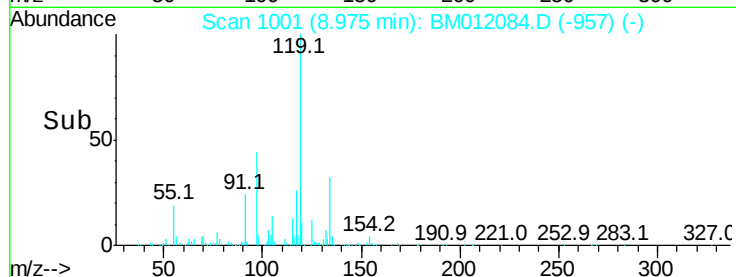
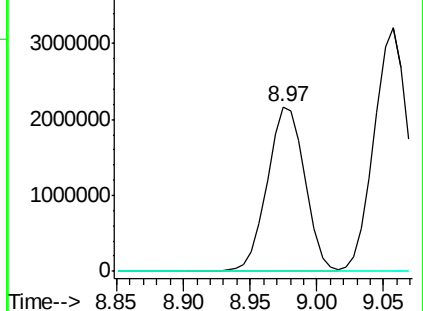
199 0.0 67.8 101.6#



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: 45.284 ng/ul

RT: 9.07 min Scan# 1017

Delta R.T. 0.02 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

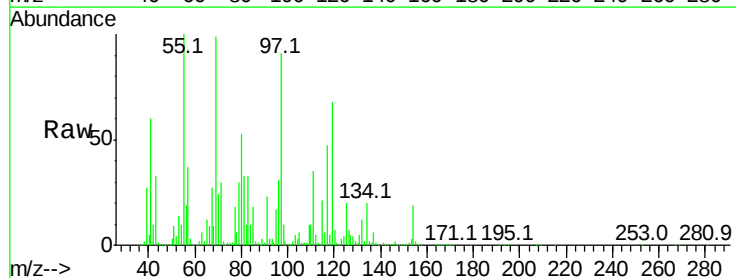
Tgt Ion: 77 Resp: 1190400

Ion Ratio Lower Upper

77 100

123 16.3 31.0 46.6#

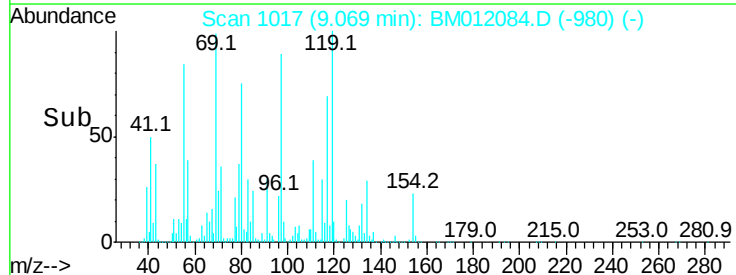
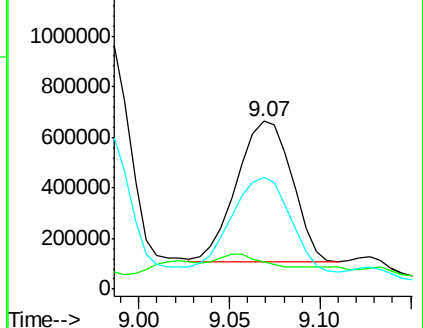
65 66.3 12.2 18.2#

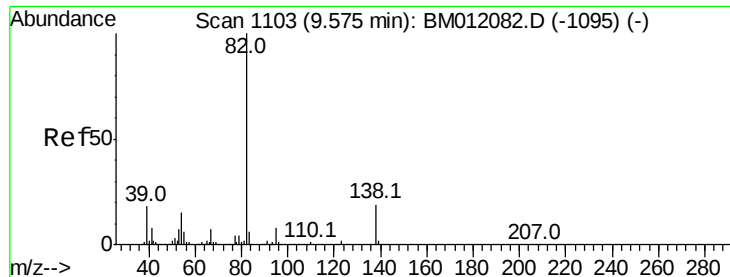


Abundance Ion 77.00 (76.70 to 77.70): BMC

Ion 123.00 (122.70 to 123.70): BMC

Ion 65.00 (64.70 to 65.70): BMC





#21

Isophorone

Concen: 42.099 ng/ul

RT: 9.59 min Scan# 1106

Delta R.T. 0.02 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

Instrument :

BNA_M

ClientSampleId :

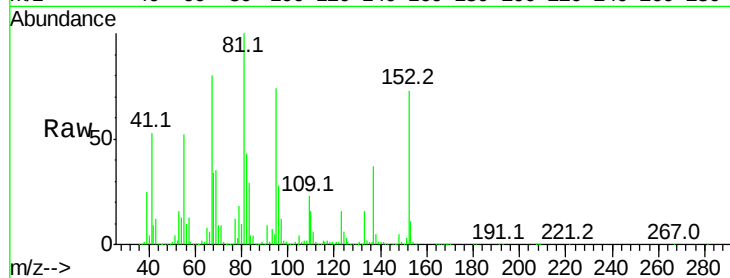
Tot Ion: 82 Resp: 2063697

Ion Ratio Lower Upper

82 100

95 171.4 7.8 11.8#

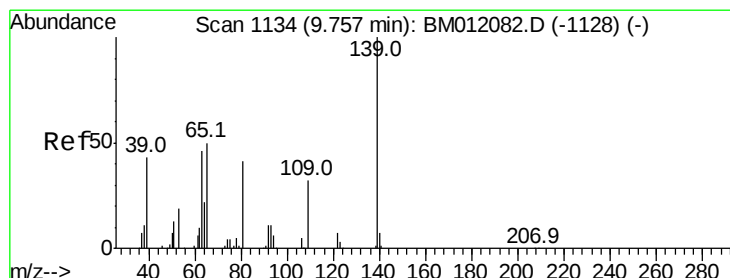
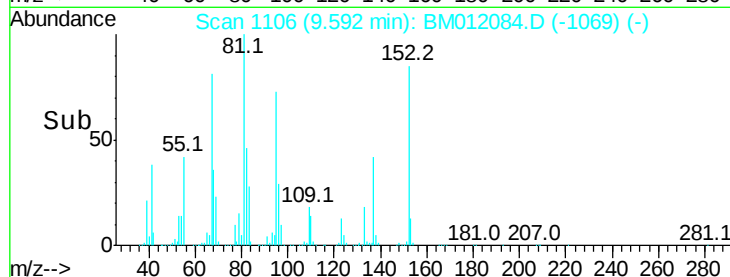
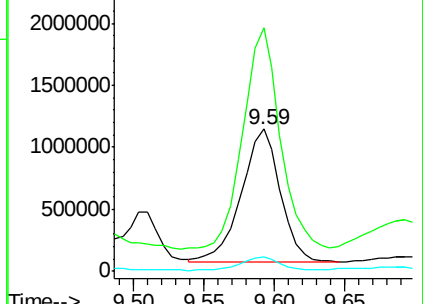
138 10.5 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM012082.D (-1095) (-)

Ion 95.00 (94.70 to 95.70): BM012082.D (-1095) (-)

Ion 138.00 (137.70 to 138.70): BM012082.D (-1095) (-)



#23

2-Nitrophenol

Concen: 10.629 ng/ul

RT: 9.78 min Scan# 1138

Delta R.T. 0.02 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

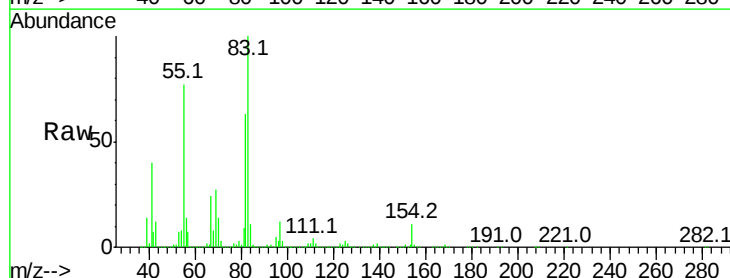
Tgt Ion: 139 Resp: 136912

Ion Ratio Lower Upper

139 100

65 135.7 55.4 83.0#

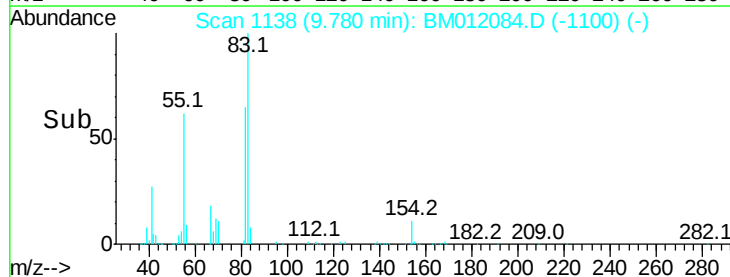
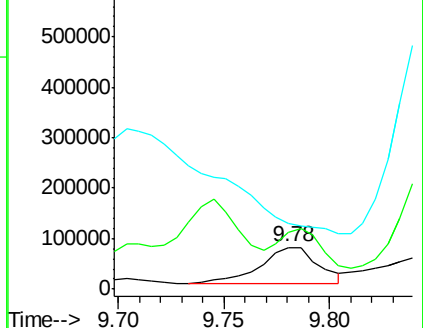
109 155.2 42.2 63.2#

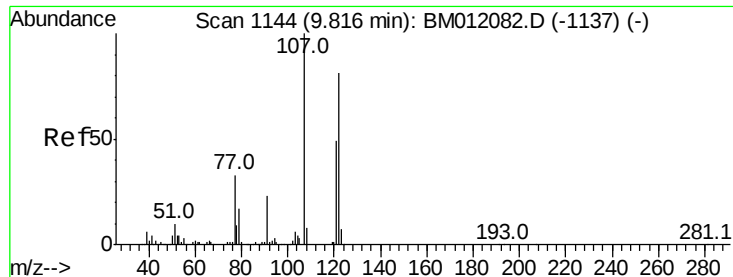


Abundance Ion 139.00 (138.70 to 139.70): BM012082.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM012082.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM012082.D (-1128) (-)





#24

2,4-Dimethylphenol

Concen: 25.755 ng/ul

RT: 9.87 min Scan# 1154

Delta R.T. 0.06 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

Instrument :

BNA_M

ClientSampleId :

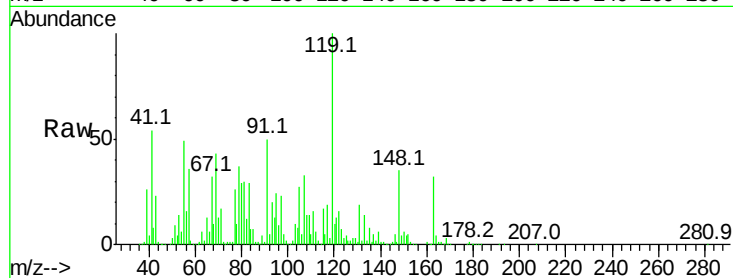
Tot Ion:107 Resp: 711522

Ion Ratio Lower Upper

107 100

121 40.5 31.9 47.9

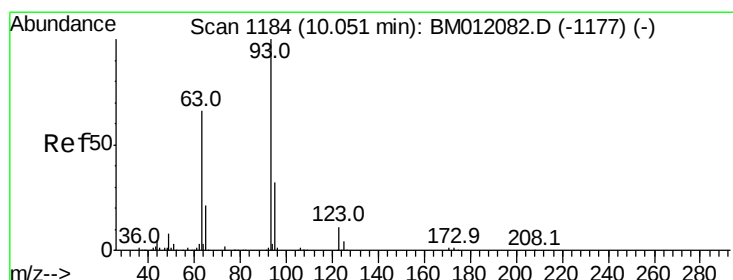
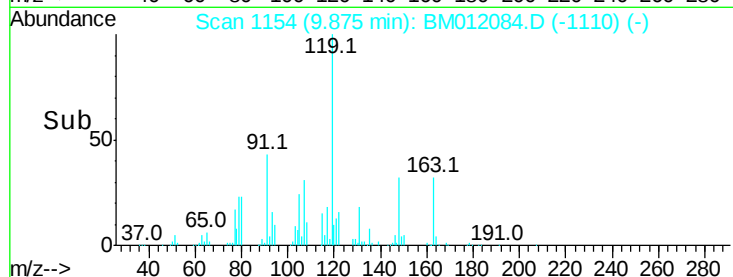
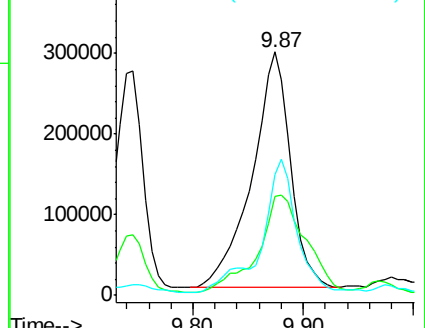
122 49.4 57.8 86.6#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 5.575 ng/ul

RT: 10.07 min Scan# 1187

Delta R.T. 0.02 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

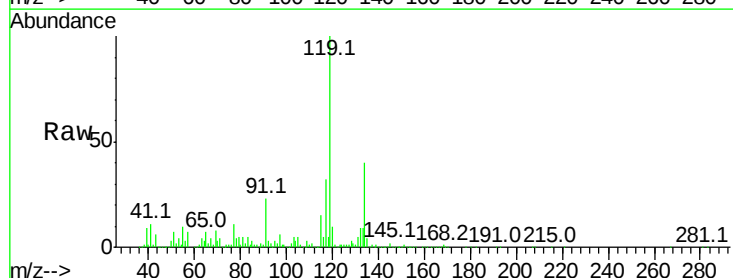
Tgt Ion: 93 Resp: 167808

Ion Ratio Lower Upper

93 100

95 162.3 28.5 42.7#

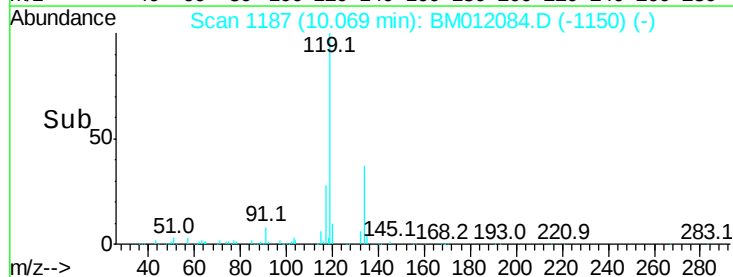
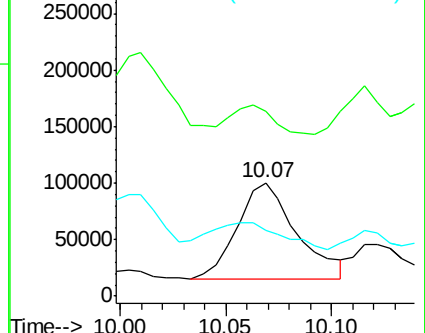
123 58.0 8.9 13.3#

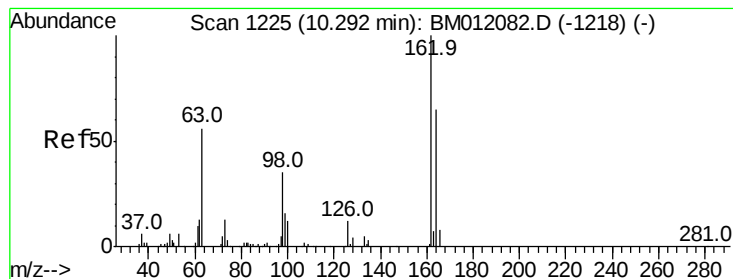


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 2.739 ng/ul

RT: 10.30 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

Instrument :

BNA_M

ClientSampled :

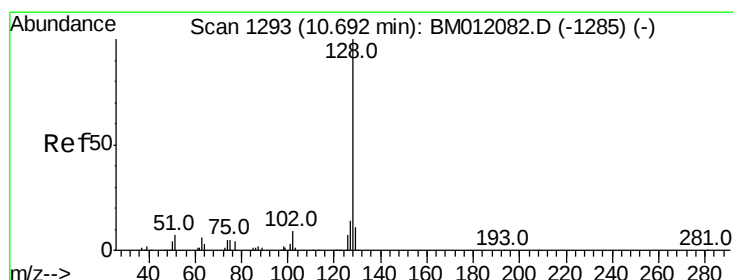
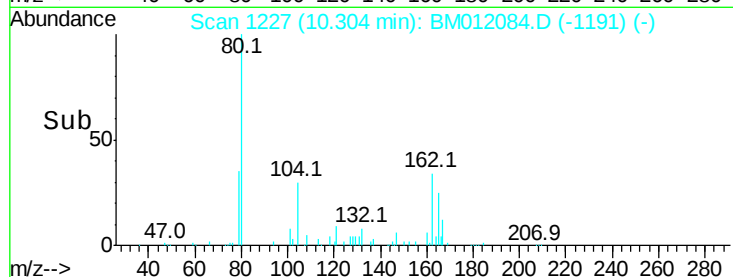
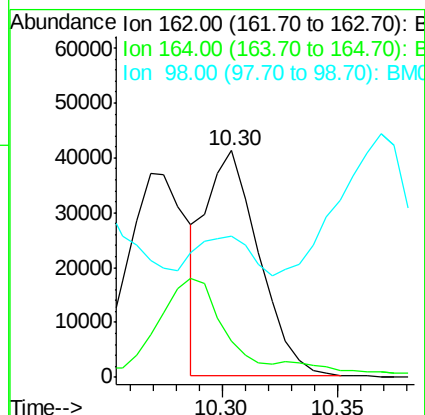
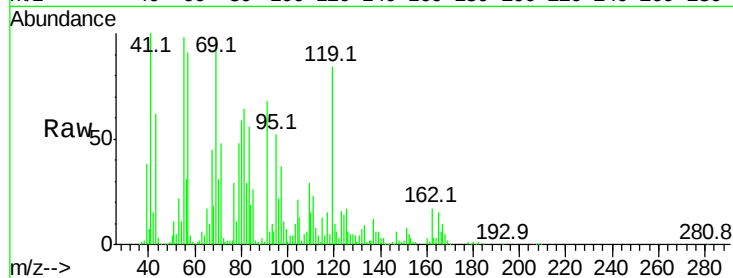
Tot Ion:162 Resp: 65472

Ion Ratio Lower Upper

162 100

164 16.3 47.8 71.6#

98 62.0 23.0 34.4#



#28

Naphthalene

Concen: 2.598 ng/ul

RT: 10.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

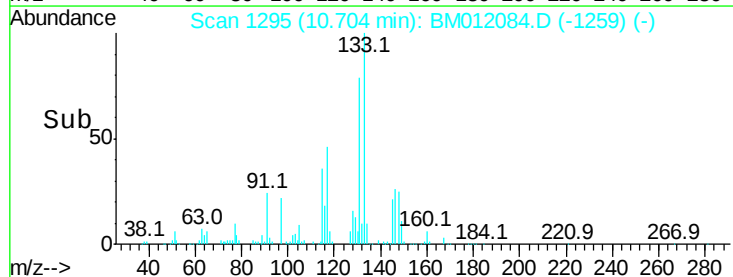
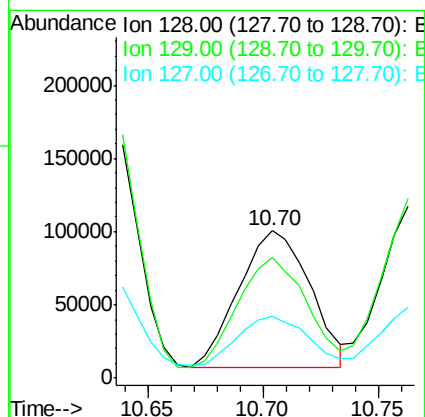
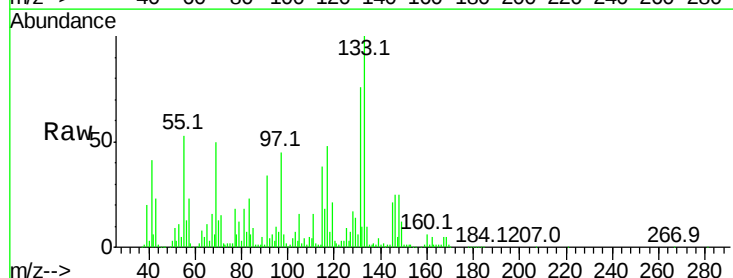
Tgt Ion:128 Resp: 199107

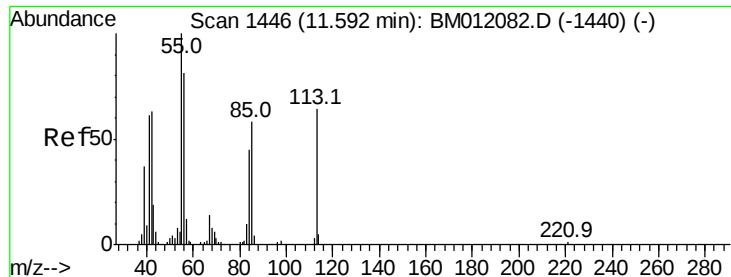
Ion Ratio Lower Upper

128 100

129 82.2 8.8 13.2#

127 42.3 10.6 16.0#





#32

Caprolactam

Concen: 1.408 ng/ul

RT: 11.57 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

Instrument :

BNA_M

ClientSampleId :

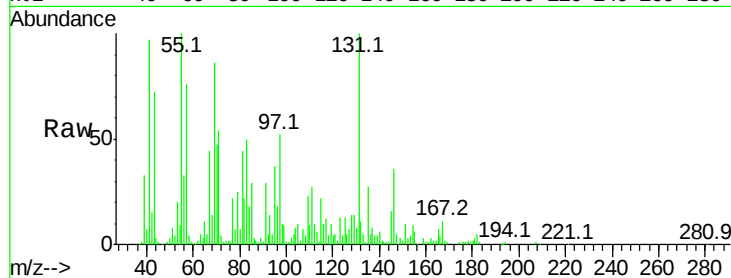
Tot Ion:113 Resp: 11036

Ion Ratio Lower Upper

113 100

55 1710.8 208.0 312.0#

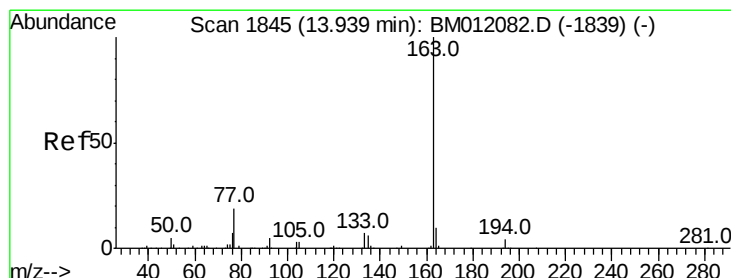
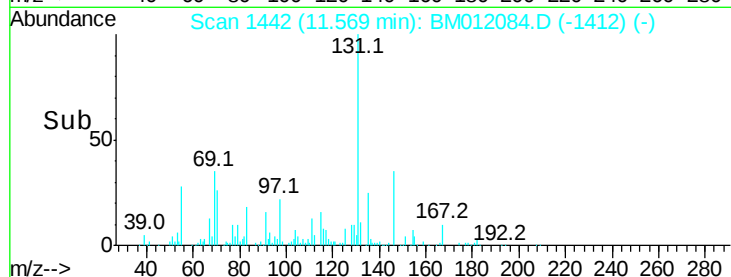
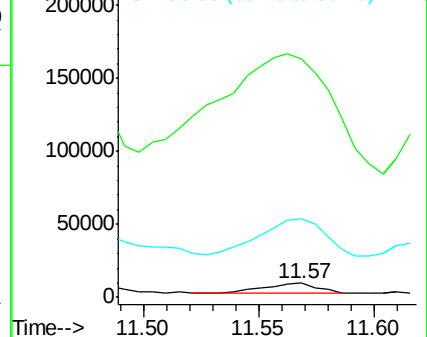
56 558.3 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#44

Dimethylphthalate

Concen: 11.400 ng/ul

RT: 13.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

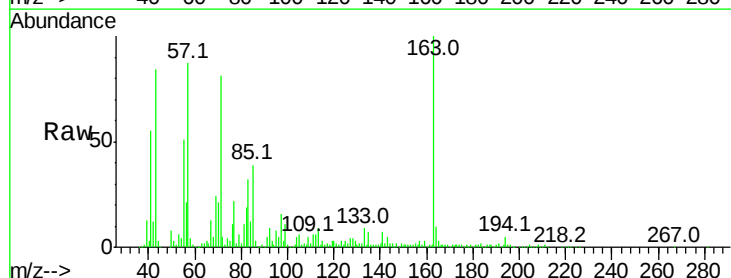
Tgt Ion:163 Resp: 852440

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

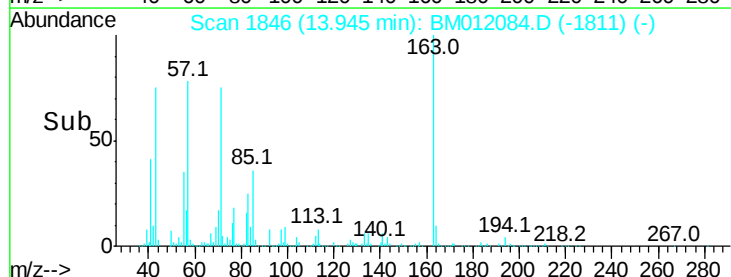
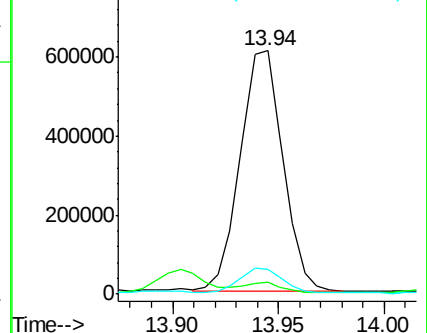
164 10.1 8.2 12.4

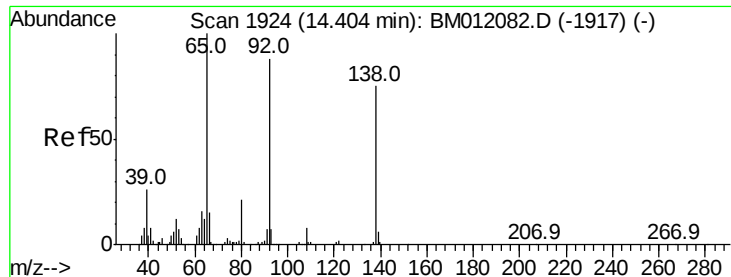


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

3-Nitroaniline

Concen: 1.258 ng/ul

RT: 14.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

Instrument :

BNA_M

ClientSampleId :

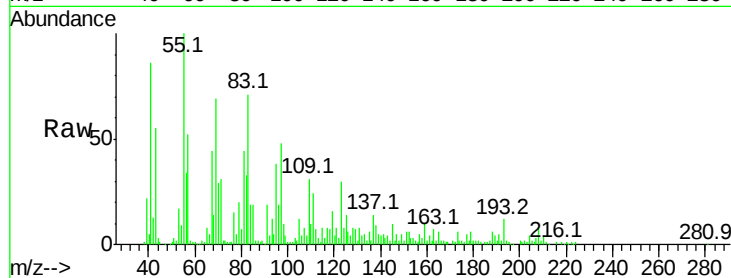
Tot Ion:138 Resp: 16473

Ion Ratio Lower Upper

138 100

108 48.9 9.9 14.9#

92 44.7 105.0 157.4#

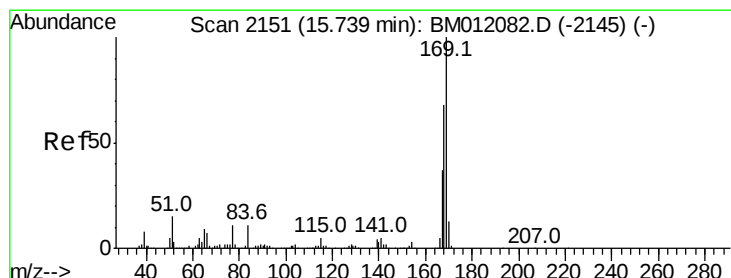
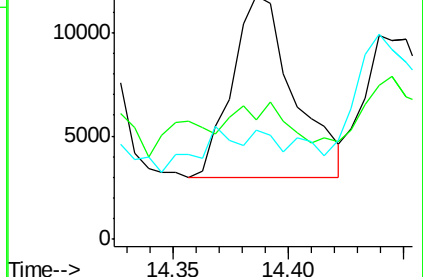
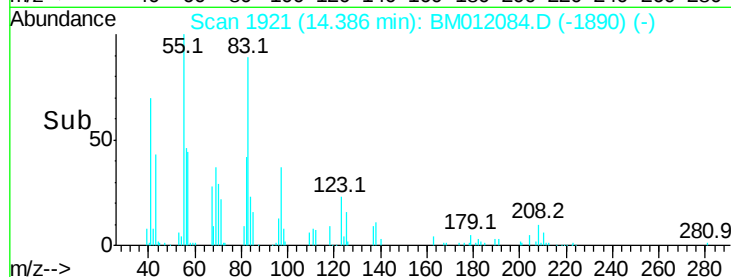


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time-->



#64

N-Nitrosodiphenylamine

Concen: 2.383 ng/ul

RT: 15.74 min Scan# 2152

Delta R.T. 0.01 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

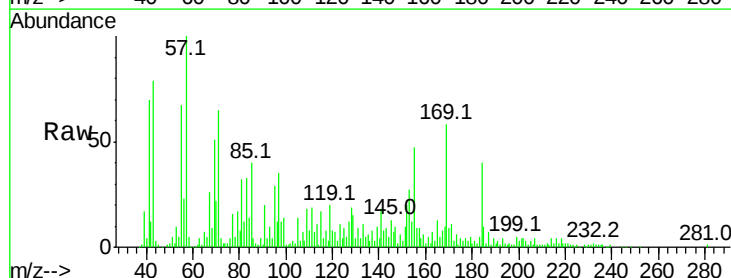
Tgt Ion:169 Resp: 126224

Ion Ratio Lower Upper

169 100

168 16.8 54.0 81.0#

167 13.1 29.1 43.7#

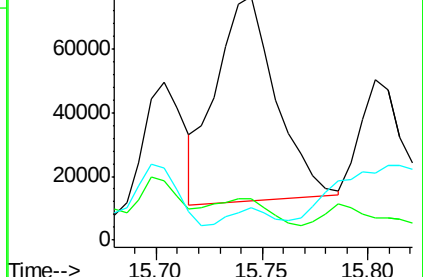
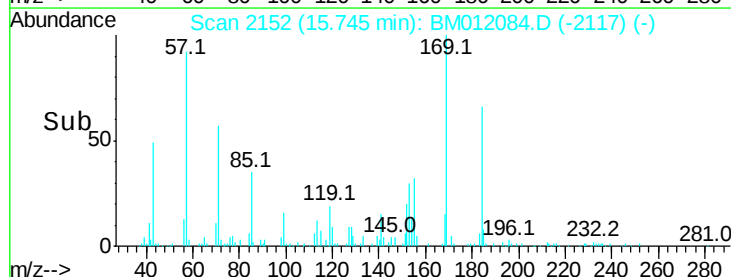


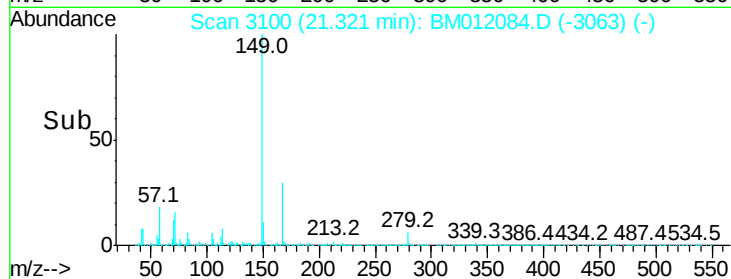
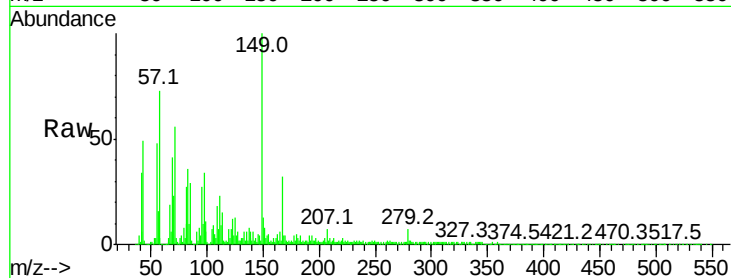
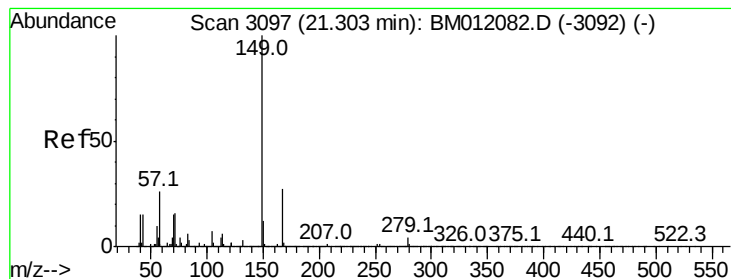
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->





#81

Bis(2-ethylhexyl)phthalate

Concen: 60.871 ng/ul

RT: 21.32 min Scan# 3100

Delta R.T. 0.02 min

Lab File: BM012084.D

Acq: 12 Oct 2017 00:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 4046149

Ion	Ratio	Lower	Upper
149	100		
167	32.0	22.8	34.2
279	6.7	4.9	7.3

