

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
 Data File : BM012431.D
 Acq On : 24 Oct 2017 23:37
 Operator : SJ/JU
 Sample : I5786-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-38(1-3)_100917

Quant Time: Oct 25 00:59:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 25 00:51:00 2017
 Response via : Initial Calibration

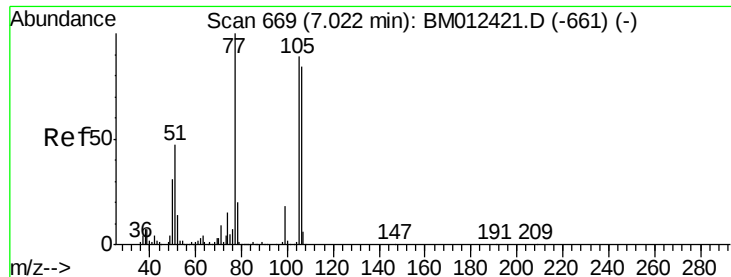
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	535294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2170567	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1488332	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	3752390	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	4533444	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	4577059	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	46376	4.43	ng/uL	0.00
5) Phenol-d5	7.04	99	997069	22.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	907411	34.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	757164	22.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	877924	22.97	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	303260	22.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	357874	25.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	859533	23.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	1571019	40.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	3285027	25.27	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	4023906	26.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	40535	2.10	ng/ul	-0.01
57) Fluorene-d10	15.50	176	2954556	26.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	24985	1.38	ng/ul	0.00
70) Anthracene-d10	17.34	188	4927216	27.55	ng/ul	0.00
76) Pyrene-d10	19.63	212	5898649	28.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	6078775	27.96	ng/ul	0.00

Target Compounds

						Ovalue
4) Benzaldehyde	7.04	77	153721	6.32	ng/ul#	20
6) Phenol	7.07	94	219595	4.72	ng/ul#	92
14) Acetophenone	8.69	105	105483	1.76	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.66	70	116908	3.57	ng/ul#	58
17) Hexachloroethane	8.99	117	990050	68.16	ng/ul#	1
20) Nitrobenzene	9.08	77	229481	5.86	ng/ul#	42
21) Isophorone						



#4

Benzaldehyde

Concen: 6.32 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. 0.02 min

Lab File: BM012431.D

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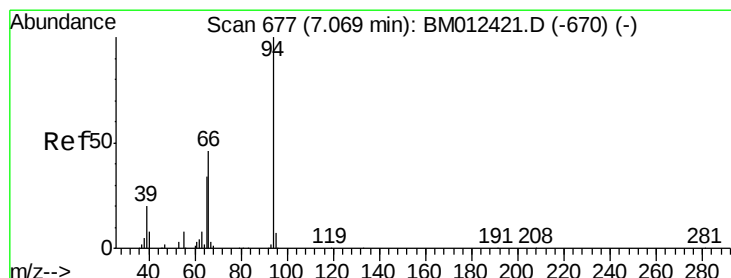
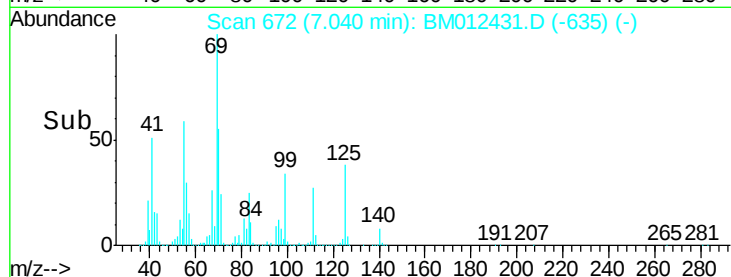
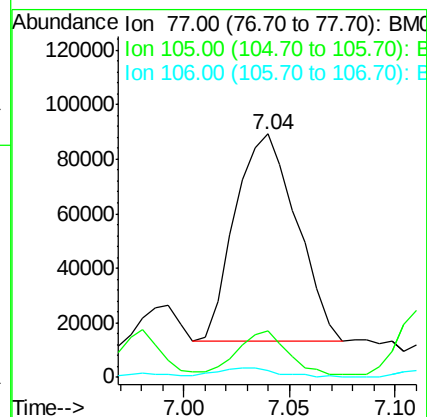
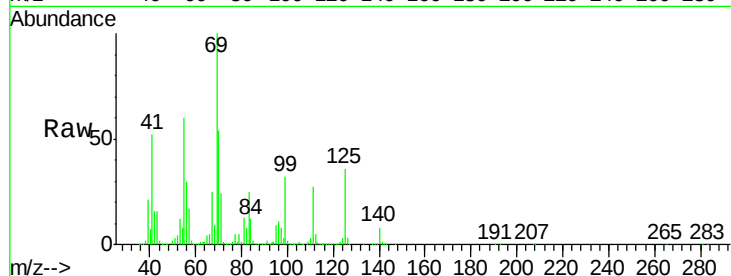
Tot Ion: 77 Resp: 153721

Ion Ratio Lower Upper

77 100

105 19.0 66.1 99.1#

106 3.0 67.8 101.6#



#6

Phenol

Concen: 4.72 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM012431.D

Acq: 24 Oct 2017 23:37

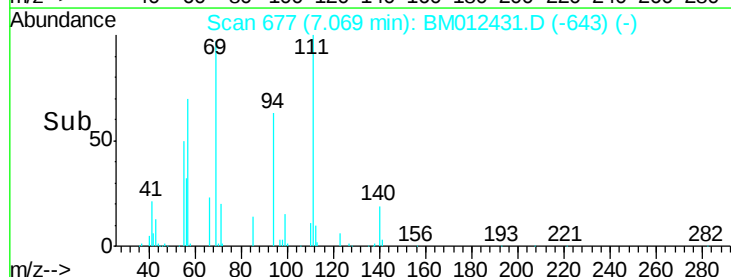
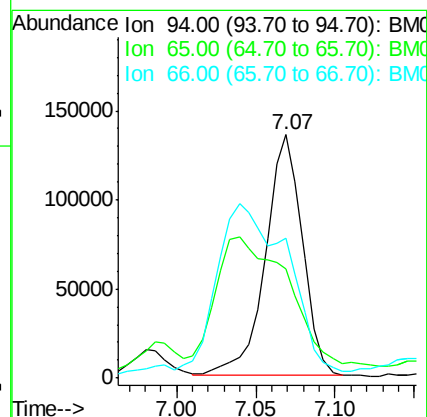
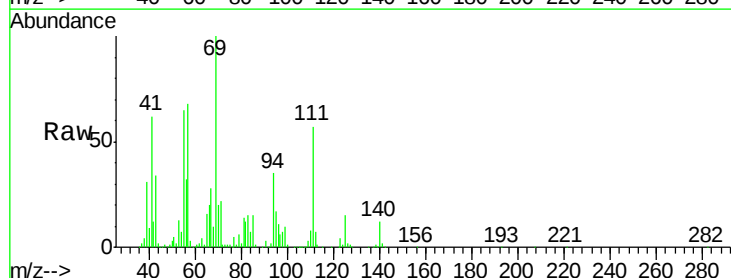
Tgt Ion: 94 Resp: 219595

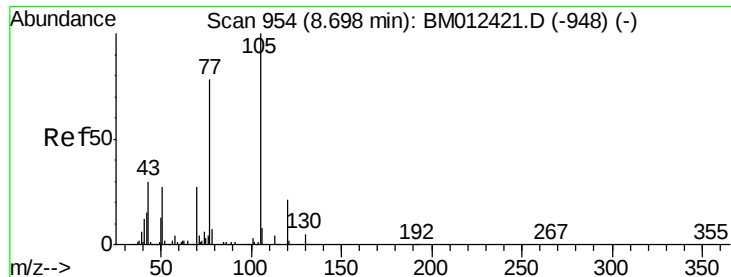
Ion Ratio Lower Upper

94 100

65 44.9 28.2 42.4#

66 57.2 47.2 70.8





#14

Acetophenone

Concen: 1.76 ng/ul

RT: 8.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM012431.D

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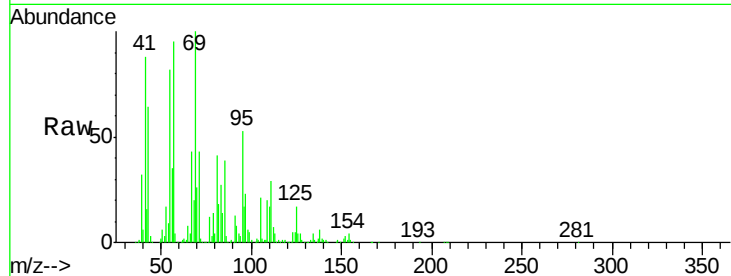
Tot Ion:105 Resp: 105483

Ion Ratio Lower Upper

105 100

77 58.2 74.2 111.4#

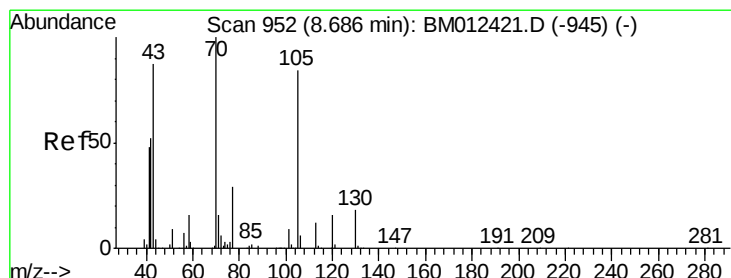
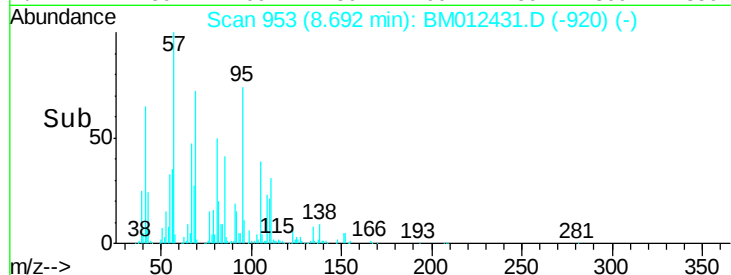
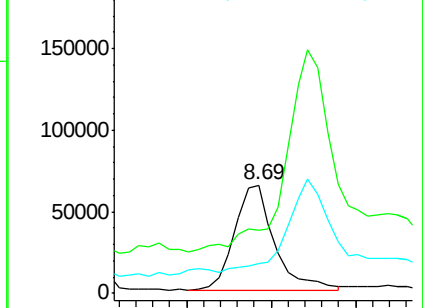
51 27.3 23.4 35.2



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: 3.57 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. -0.03 min

Lab File: BM012431.D

Acq: 24 Oct 2017 23:37

Tgt Ion: 70 Resp: 116908

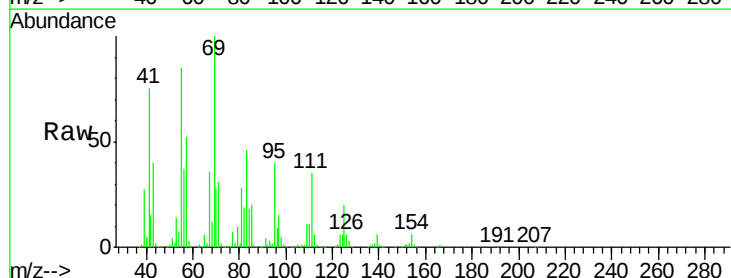
Ion Ratio Lower Upper

70 100

42 52.0 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

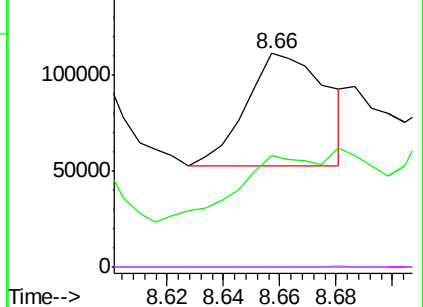


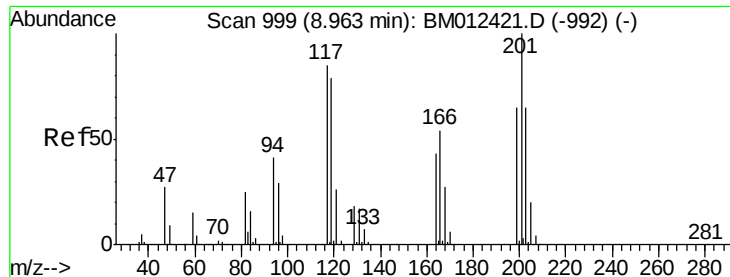
Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 68.16 ng/ul

RT: 8.99 min Scan# 1004

Delta R.T. 0.03 min

Lab File: BM012431.D

Acq: 24 Oct 2017 23:37

Instrument :

BNA_M

ClientSampleId :

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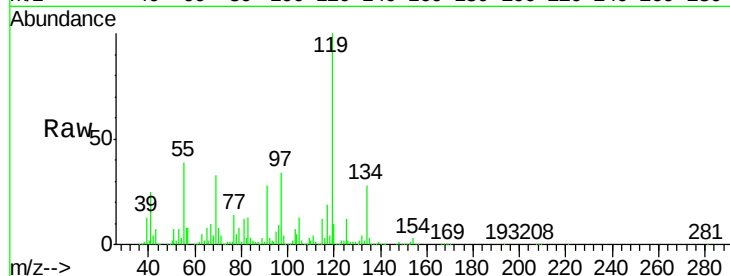
Tot Ion:117 Resp: 990050

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

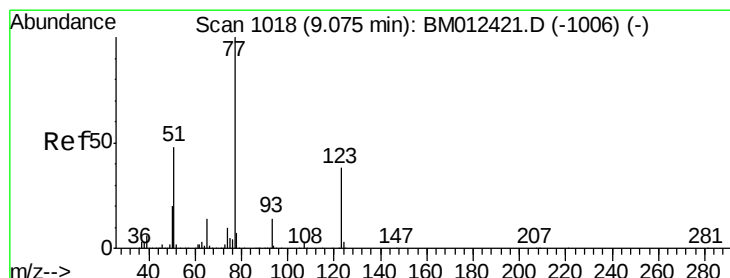
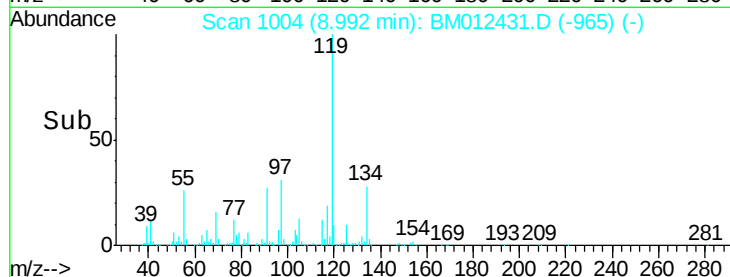
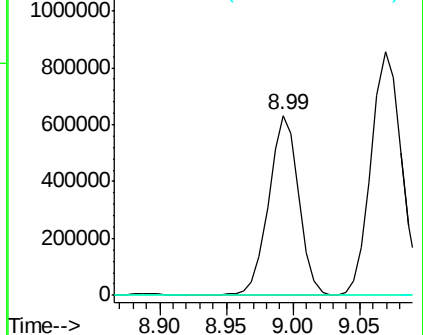
199 0.0 67.8 101.6#



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: 5.86 ng/ul

RT: 9.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BM012431.D

Acq: 24 Oct 2017 23:37

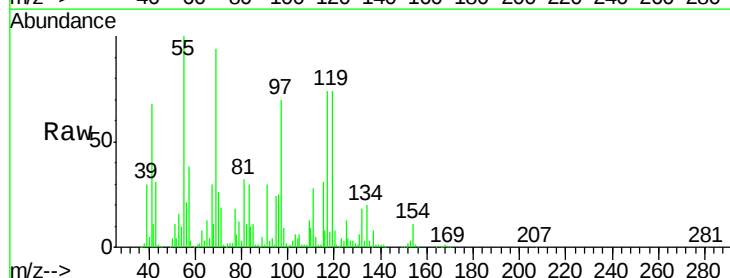
Tgt Ion: 77 Resp: 229481

Ion Ratio Lower Upper

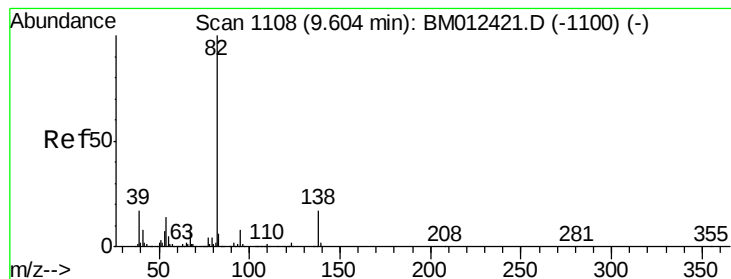
77 100

123 21.4 31.0 46.6#

65 70.2 12.2 18.2#



Abundance Ion 77.00 (76.70 to 77.70): BMC



#21

Isophorone

Concen: 6.34 ng/ul

RT: 9.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BM012431.D

Acq: 24 Oct 2017 23:37

Instrument :

BNA_M

ClientSampleId :

B-38(1-3)_100917

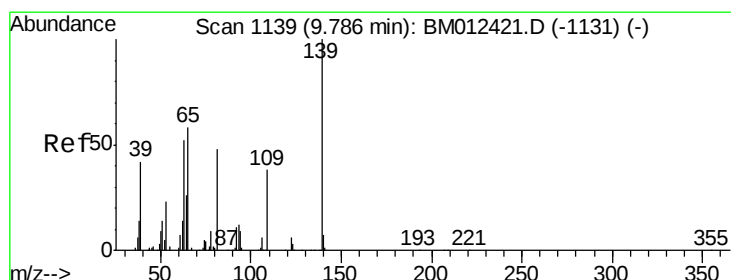
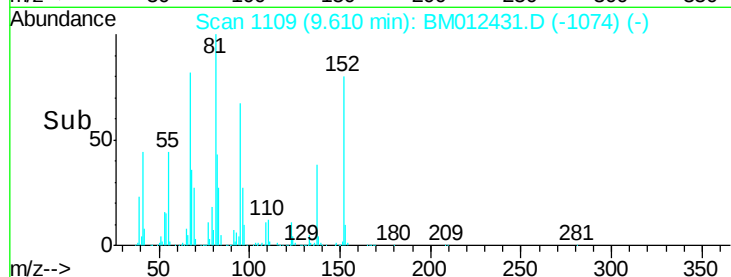
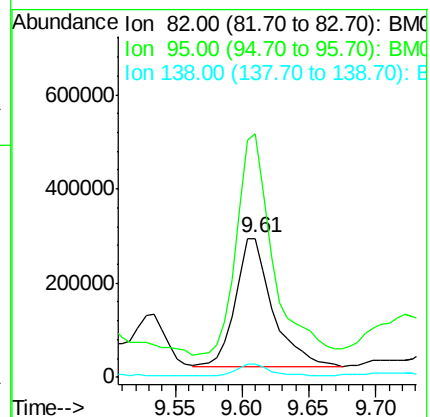
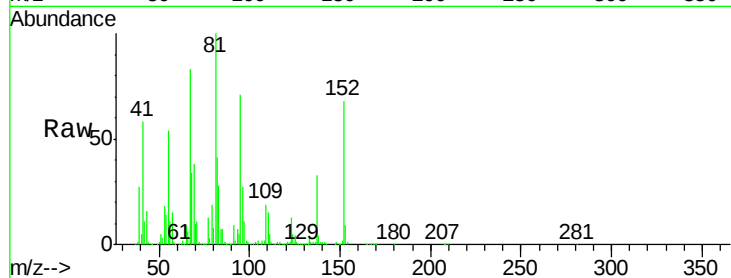
Tot Ion: 82 Resp: 525705

Ion Ratio Lower Upper

82 100

95 174.8 7.8 11.8#

138 9.8 11.9 17.9#



#23

2-Nitrophenol

Concen: 2.92 ng/ul

RT: 9.82 min Scan# 1144

Delta R.T. 0.03 min

Lab File: BM012431.D

Acq: 24 Oct 2017 23:37

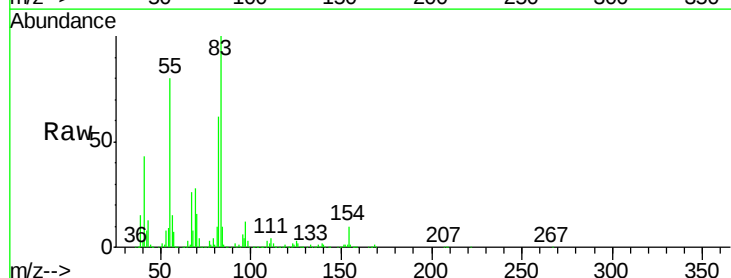
Tgt Ion: 139 Resp: 45491

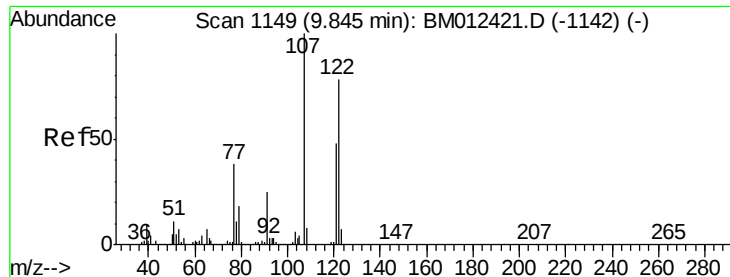
Ion Ratio Lower Upper

139 100

65 166.8 55.4 83.0#

109 174.9 42.2 63.2#

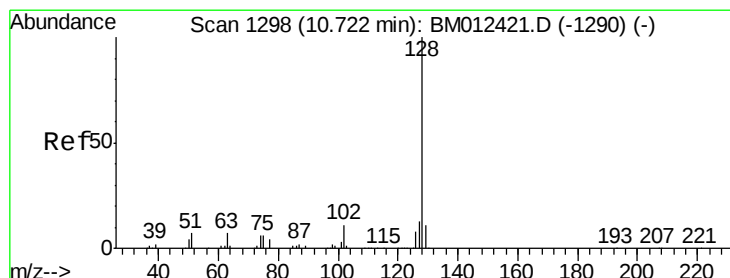
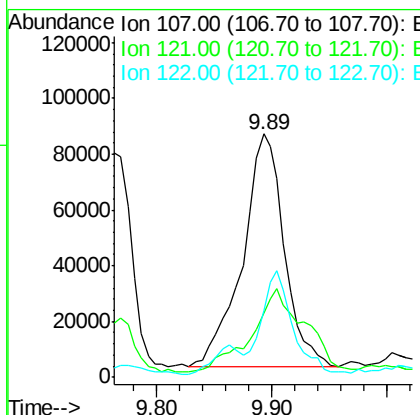
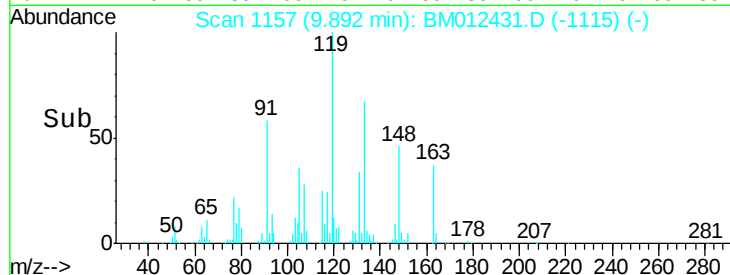
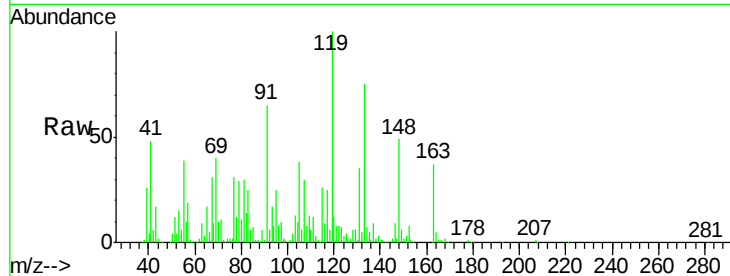




#24
 2,4-Dimethylphenol
 Concen: 4.81 ng/ul
 RT: 9.89 min Scan# 1157
 Delta R.T. 0.05 min
 Lab File: BM012431.D
 Acq: 24 Oct 2017 23:37

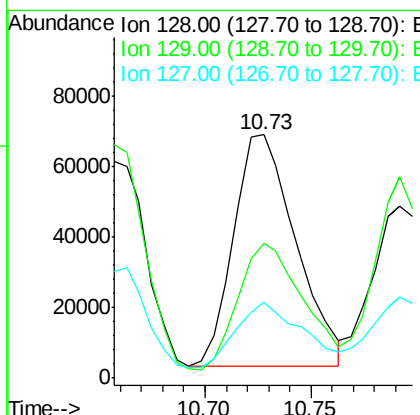
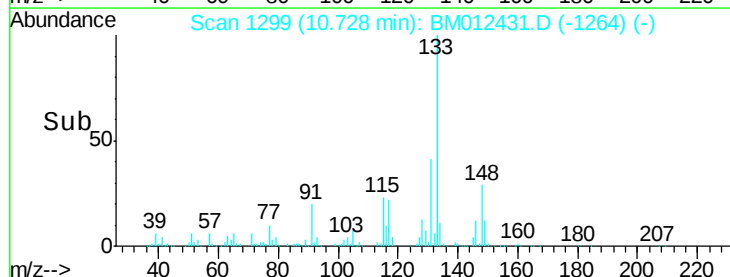
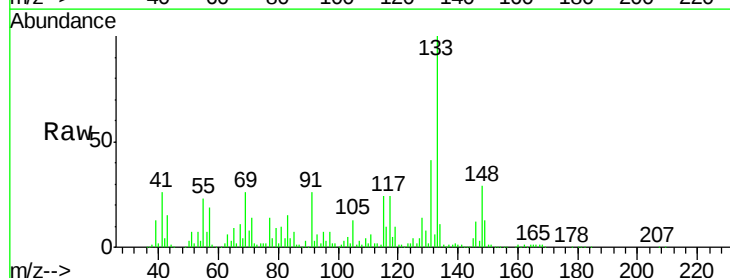
Instrument :
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 B-38(1-3)_100917

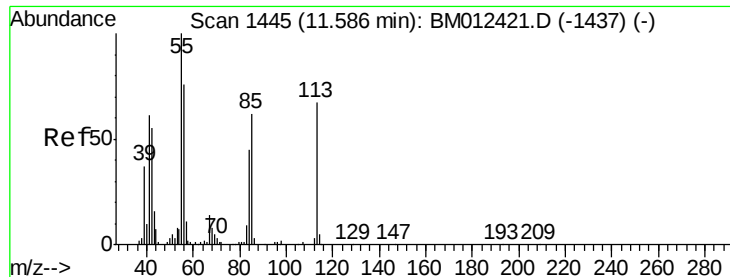
Tot Ion:107 Resp: 210424
 Ion Ratio Lower Upper
 107 100
 121 26.3 31.9 47.9#
 122 27.6 57.8 86.6#



#28
 Naphthalene
 Concen: 1.25 ng/ul
 RT: 10.73 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BM012431.D
 Acq: 24 Oct 2017 23:37

Tgt Ion:128 Resp: 134432
 Ion Ratio Lower Upper
 128 100
 129 55.4 8.8 13.2#
 127 31.4 10.6 16.0#





#32

Caprolactam

Concen: 13.86 ng/ul

RT: 11.71 min Scan# 1466

Delta R.T. 0.12 min

Lab File: BM012431.D

Acq: 24 Oct 2017 23:37

Instrument :

BNA_M

ClientSampleId :

B-38(1-3)_100917

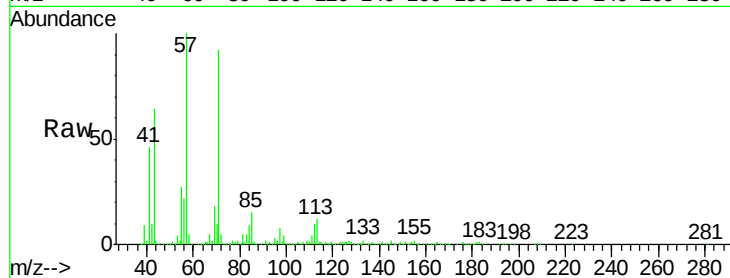
Tot Ion:113 Resp: 162490

Ion Ratio Lower Upper

113 100

55 227.9 208.0 312.0

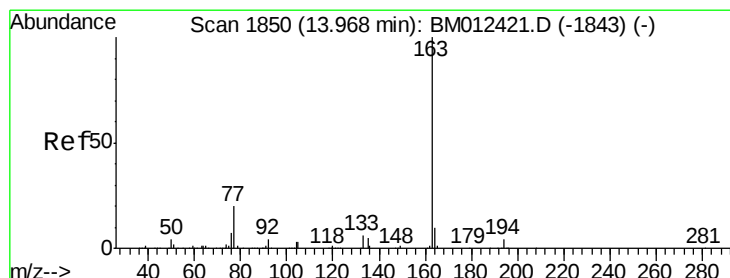
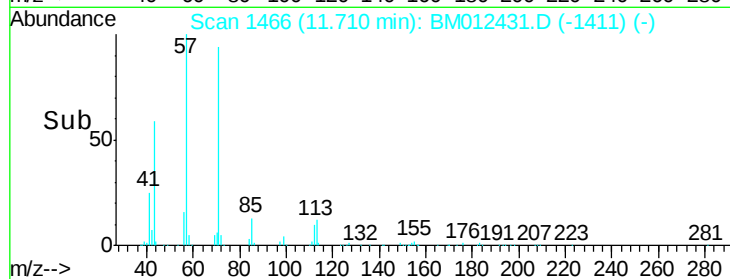
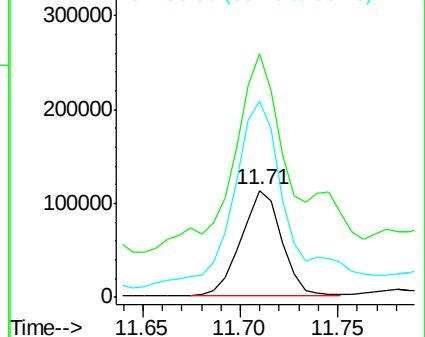
56 183.7 160.0 240.0



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: 1.22 ng/ul

RT: 13.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM012431.D

Acq: 24 Oct 2017 23:37

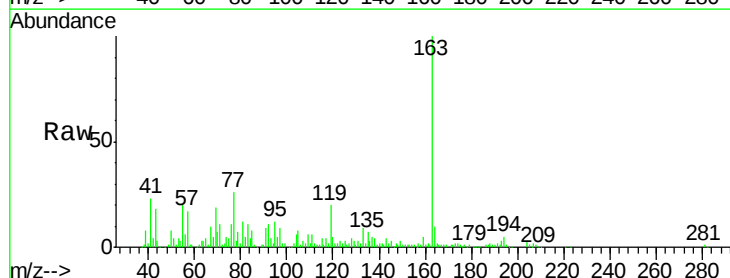
Tgt Ion:163 Resp: 157385

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

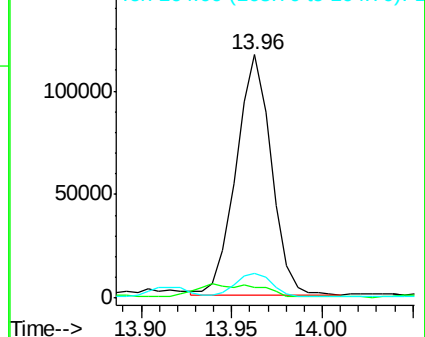
164 10.1 8.2 12.4

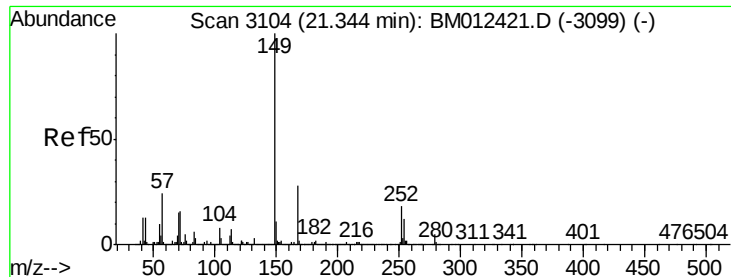


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.51 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM012431.D

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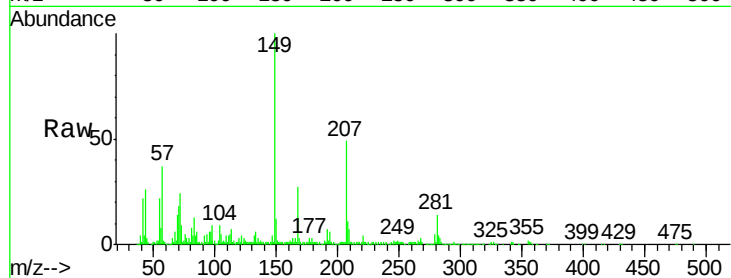
Tot Ion:149 Resp: 233519

Ion Ratio Lower Upper

149 100

167 26.9 22.8 34.2

279 5.5 4.9 7.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

