

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\  
 Data File : BM016100.D  
 Acq On : 27 Jul 2018 13:33  
 Operator : SJ/JU  
 Sample : J4172-06  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 27 23:05:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 27 23:04:38 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.20  | 152  | 68791    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.02 | 136  | 305933   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.83 | 164  | 158594   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.66 | 188  | 521466   | 20.00 | ng/ul | 0.10     |
| 77) Chrysene-d12          | 21.68 | 240  | 200903   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.04 | 264  | 203906   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.46  | 96  | 8203   | 5.25  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.36  | 99  | 153748 | 24.45 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.53  | 67  | 101281 | 25.61 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.73  | 132 | 136789 | 26.79 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.92  | 113 | 137490 | 25.54 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.39  | 128 | 68870  | 31.35 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.11 | 143 | 77935  | 31.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.65 | 165 | 139152 | 28.77 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.17 | 131 | 177913 | 30.23 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.24 | 166 | 465654 | 32.21 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.53 | 160 | 533141 | 32.33 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.04 | 143 | 55575  | 22.18 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.82 | 176 | 369003 | 30.09 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 46173  | 13.27 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.66 | 188 | 521466 | 19.53 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.92 | 212 | 456511 | 49.03 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.89 | 264 | 428724 | 38.23 | ng/ul | 0.00 |

## Target Compounds

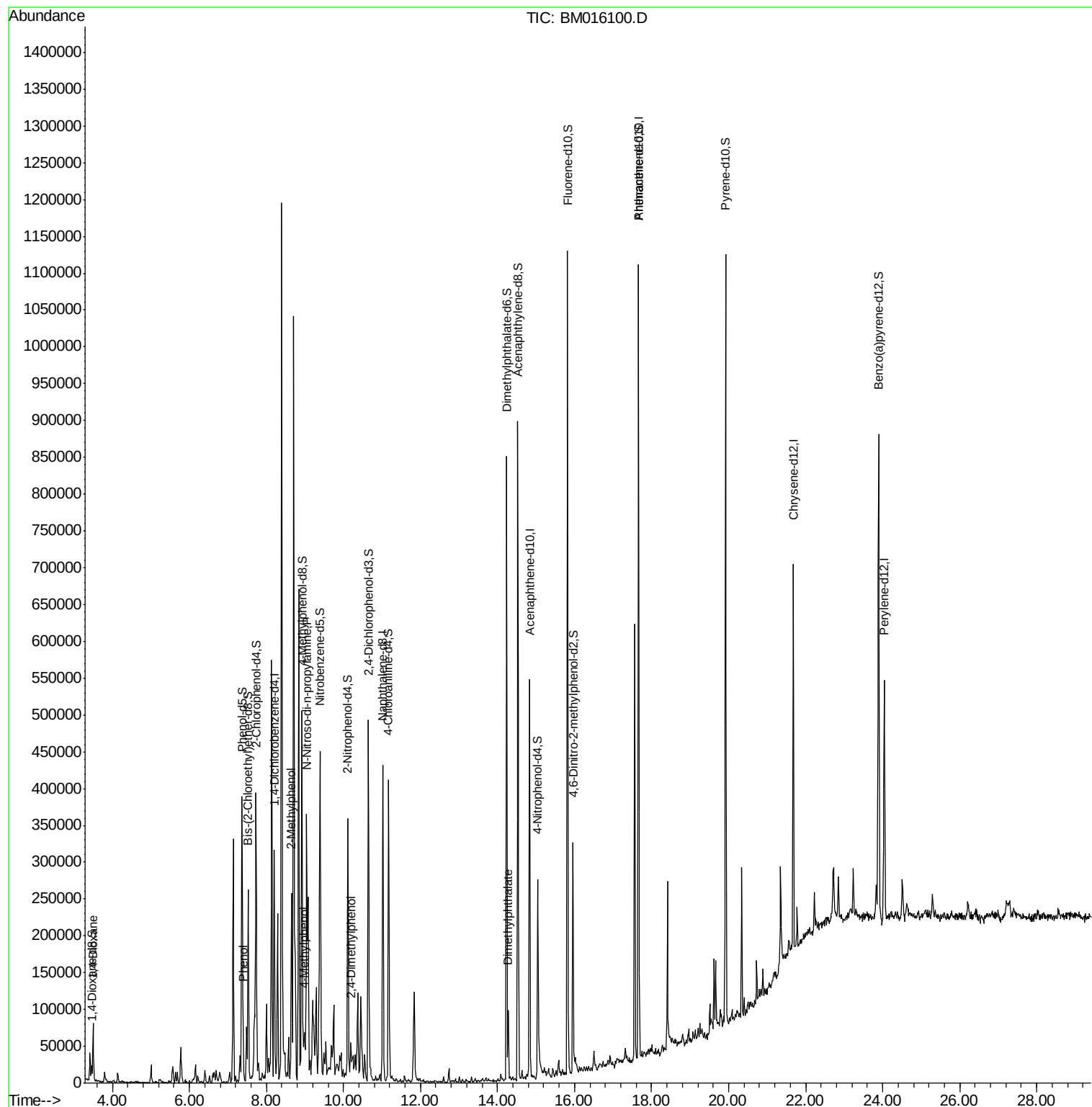
|                                |       |     |       |        | Ovalue |    |
|--------------------------------|-------|-----|-------|--------|--------|----|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 33745 | 22.140 | ng/uL# | 85 |
| 6) Phenol                      | 7.40  | 94  | 6987  | 1.107  | ng/ul# | 50 |
| 11) 2-Methylphenol             | 8.66  | 108 | 25150 | 5.180  | ng/ul  | 94 |
| 15) N-Nitroso-di-n-propylamine | 9.05  | 70  | 37335 | 8.343  | ng/ul# | 69 |
| 16) 4-Methylphenol             | 8.99  | 108 | 15434 | 2.879  | ng/ul  | 99 |
| 24) 2,4-Dimethylphenol         | 10.19 | 107 | 17028 | 2.778  | ng/ul# | 83 |
| 44) Dimethylphthalate          | 14.28 | 163 | 45731 | 3.194  | ng/ul  | 99 |

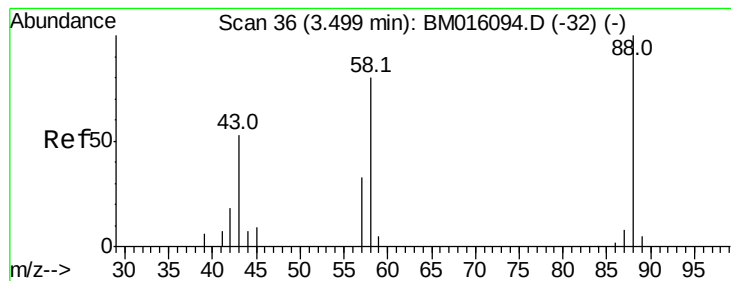
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 27 23:04:38 2018  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 22.140 ng/uL

RT: 3.50 min Scan# 36

Delta R.T. -0.00 min

Lab File: BM016100.D

Acq: 27 Jul 2018 13:33

Instrument :

BNA\_M

ClientSampleId :

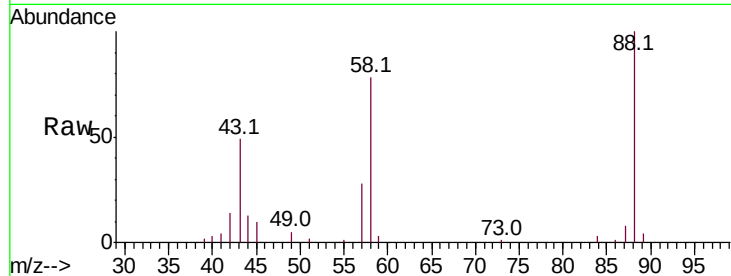
Tot Ion: 88 Resp: 33745

Ion Ratio Lower Upper

88 100

43 49.8 32.0 48.0#

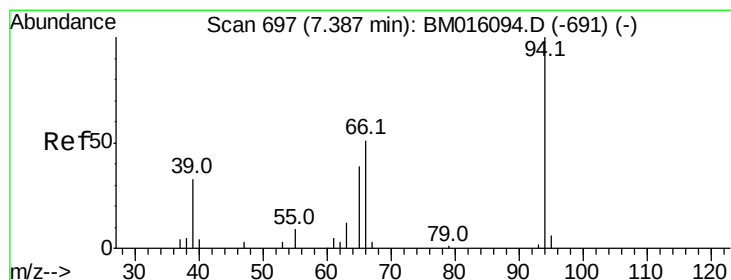
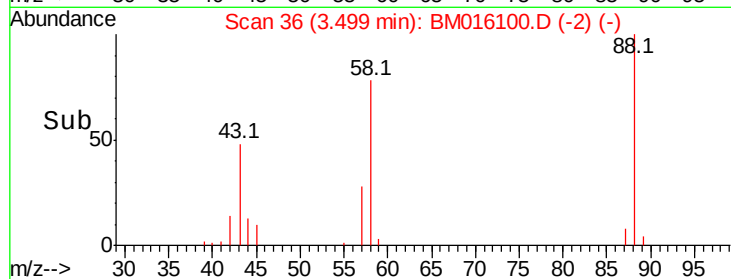
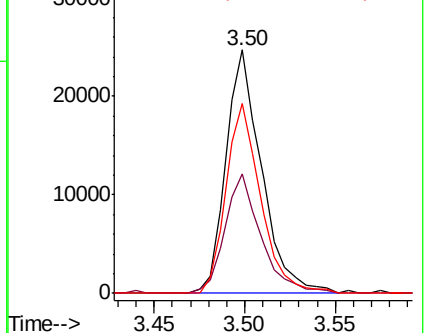
58 75.8 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BM016100.D (-663) (-)

Ion 43.00 (42.70 to 43.70): BM016100.D (-663) (-)

Ion 58.00 (57.70 to 58.70): BM016100.D (-663) (-)



#6

Phenol

Concen: 1.107 ng/uL

RT: 7.40 min Scan# 699

Delta R.T. 0.01 min

Lab File: BM016100.D

Acq: 27 Jul 2018 13:33

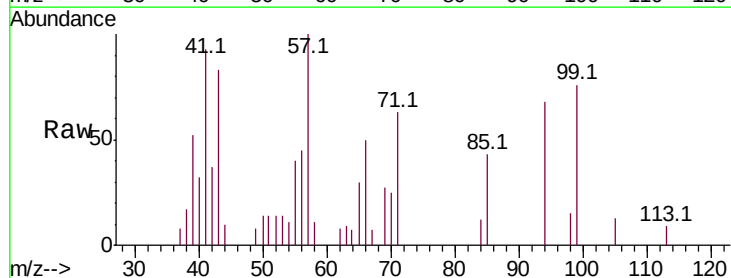
Tgt Ion: 94 Resp: 6987

Ion Ratio Lower Upper

94 100

65 43.6 21.0 31.6#

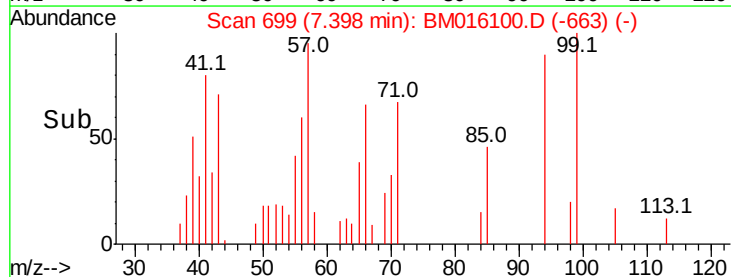
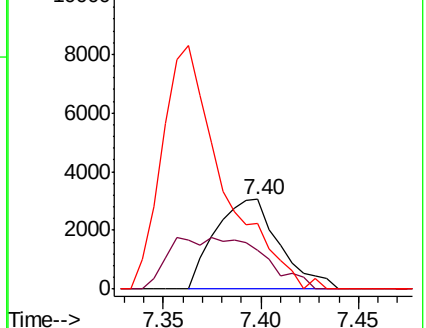
66 73.3 29.3 43.9#

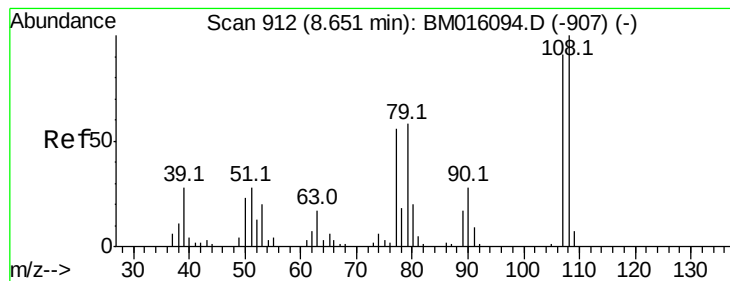


Abundance Ion 94.00 (93.70 to 94.70): BM016100.D (-663) (-)

Ion 65.00 (64.70 to 65.70): BM016100.D (-663) (-)

Ion 66.00 (65.70 to 66.70): BM016100.D (-663) (-)





#11

2-Methylphenol

Concen: 5.180 ng/ul

RT: 8.66 min Scan# 913

Delta R.T. 0.01 min

Lab File: BM016100.D

Acq: 27 Jul 2018 13:33

Instrument :

BNA\_M

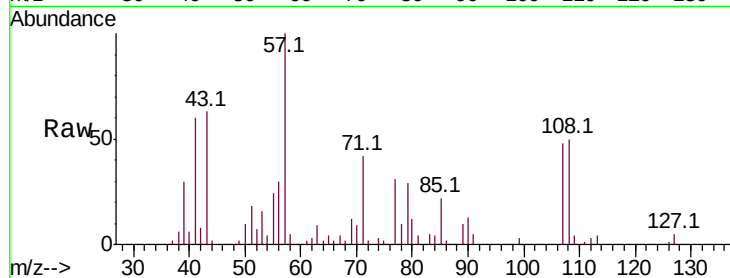
ClientSampleId :

Tot Ion:108 Resp: 25150

Ion Ratio Lower Upper

108 100

107 96.3 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

15000

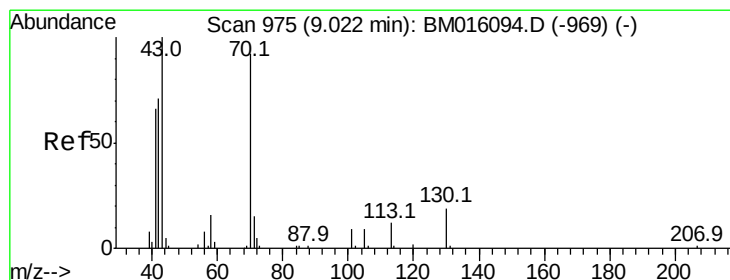
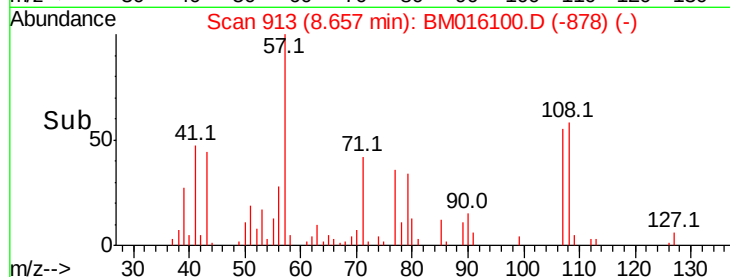
10000

5000

0

8.60 8.65 8.70

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 8.343 ng/ul

RT: 9.05 min Scan# 980

Delta R.T. 0.03 min

Lab File: BM016100.D

Acq: 27 Jul 2018 13:33

Tgt Ion: 70 Resp: 37335

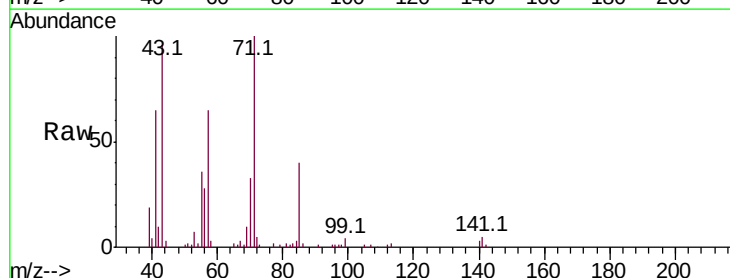
Ion Ratio Lower Upper

70 100

42 29.6 35.4 53.0#

101 0.0 8.4 12.6#

130 0.0 18.2 27.4#



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

30000

25000

20000

15000

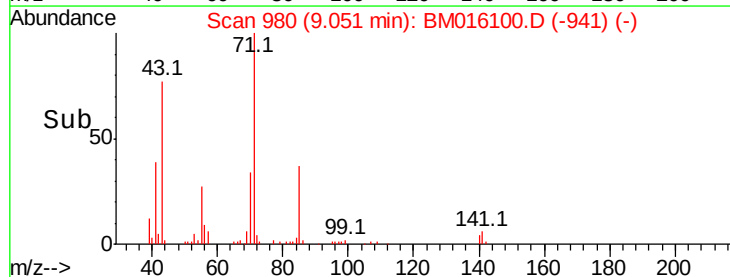
10000

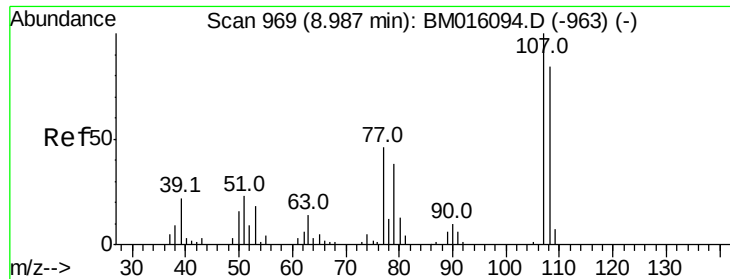
5000

0

8.95 9.00 9.05 9.10 9.15

Time-->

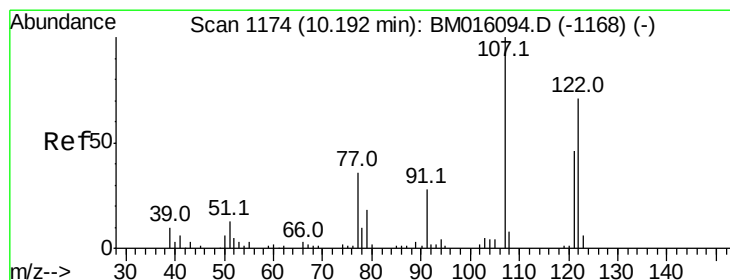
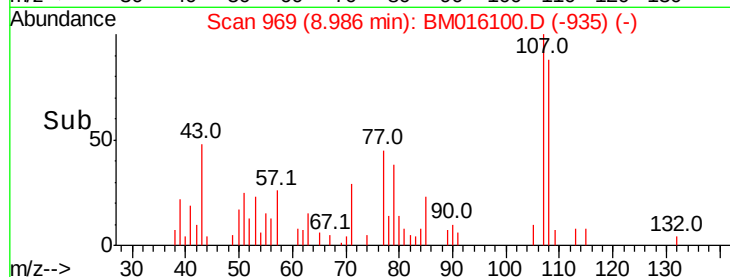
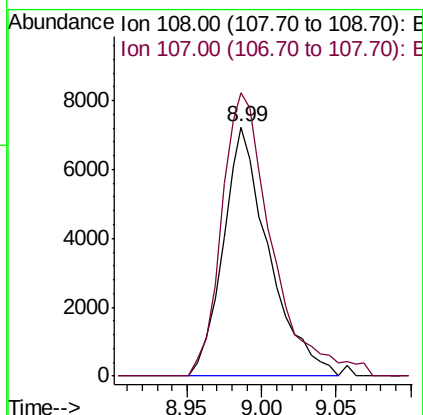
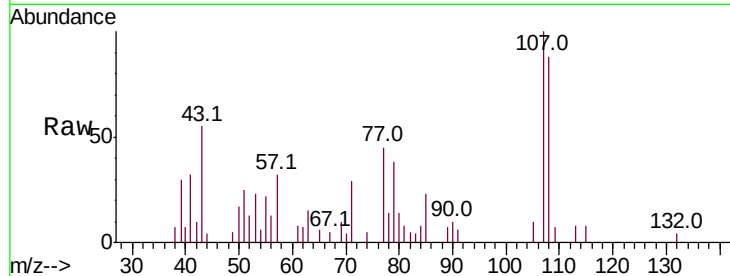




#16  
4-Methylphenol  
Concen: 2.879 ng/ul  
RT: 8.99 min Scan# 969  
Delta R.T. -0.00 min  
Lab File: BM016100.D  
Acq: 27 Jul 2018 13:33

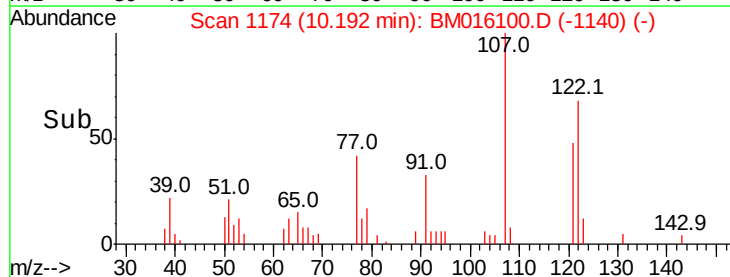
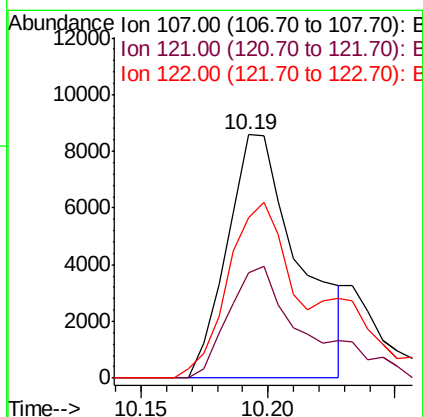
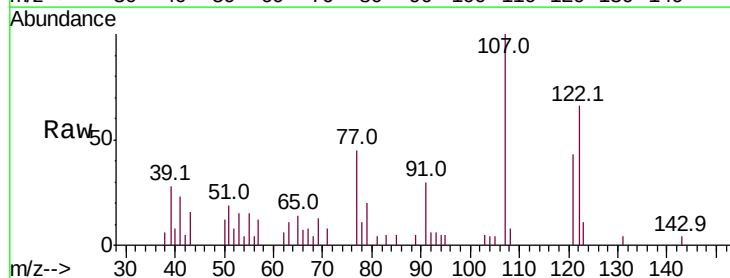
Instrument :  
BNA\_M  
ClientSampled :

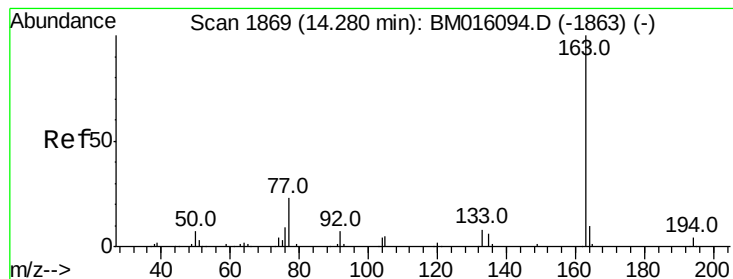
Tot Ion:108 Resp: 15434  
Ion Ratio Lower Upper  
108 100  
107 113.7 90.3 135.5



#24  
2,4-Dimethylphenol  
Concen: 2.778 ng/ul  
RT: 10.19 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: BM016100.D  
Acq: 27 Jul 2018 13:33

Tgt Ion:107 Resp: 17028  
Ion Ratio Lower Upper  
107 100  
121 43.5 40.6 61.0  
122 66.1 67.8 101.6#





#44

Dimethylphthalate

Concen: 3.194 ng/ul

RT: 14.28 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM016100.D

Acq: 27 Jul 2018 13:33

Instrument :

BNA\_M

ClientSampleId :

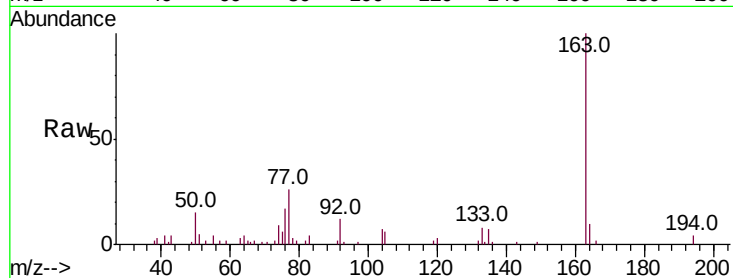
Tot Ion:163 Resp: 45731

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.2 7.8 11.8



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

