

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\  
 Data File : BM016822.D  
 Acq On : 21 Sep 2018 08:55  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 22 00:58:49 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 21 02:02:48 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 269897   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.50 | 136  | 1125349  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.36 | 164  | 587852   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.10 | 188  | 1252977  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.29 | 240  | 1448261  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.53 | 264  | 1497915  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 49396   | 7.83  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.89  | 99  | 430116  | 18.89 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 272020  | 19.30 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.26  | 132 | 358585  | 19.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 331436  | 18.82 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.87  | 128 | 168923  | 22.84 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.59  | 143 | 150696  | 22.42 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165 | 332510  | 19.47 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.63 | 131 | 425735  | 20.64 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.77 | 166 | 889973  | 18.86 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.05 | 160 | 1219639 | 20.00 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.56 | 143 | 151822  | 19.60 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.35 | 176 | 831949  | 20.19 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 112860  | 21.94 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.20 | 188 | 1236998 | 20.46 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.50 | 212 | 1336871 | 19.02 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.39 | 264 | 1576914 | 20.18 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         | Ovalue |           |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.30  | 88  | 49973   | 7.609  | ng/uL# 75 |
| 4) Benzaldehyde                | 6.87  | 77  | 292156  | 22.805 | ng/ul 89  |
| 6) Phenol                      | 6.92  | 94  | 433930  | 19.096 | ng/ul 98  |
| 8) Bis(2-Chloroethyl)ether     | 7.15  | 93  | 347898  | 19.885 | ng/ul 97  |
| 10) 2-Chlorophenol             | 7.29  | 128 | 367555  | 19.696 | ng/ul 96  |
| 11) 2-Methylphenol             | 8.16  | 108 | 317436  | 18.639 | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.25  | 45  | 478370  | 17.290 | ng/ul 98  |
| 14) Acetophenone               | 8.54  | 105 | 541910  | 19.848 | ng/ul 96  |
| 15) N-Nitroso-di-n-propylamine | 8.53  | 70  | 255105  | 18.672 | ng/ul 96  |
| 16) 4-Methylphenol             | 8.49  | 108 | 341087  | 18.947 | ng/ul 94  |
| 17) Hexachloroethane           | 8.79  | 117 | 145094  | 19.795 | ng/ul 92  |
| 20) Nitrobenzene               | 8.92  | 77  | 383743  | 20.516 | ng/ul 91  |
| 21) Isophorone                 | 9.43  | 82  | 657233  | 17.681 | ng/ul 98  |
| 23) 2-Nitrophenol              | 9.62  | 139 | 174615  | 22.499 | ng/ul 91  |
| 24) 2,4-Dimethylphenol         | 9.68  | 107 | 377402  | 18.845 | ng/ul 93  |
| 25) Bis(2-Chloroethoxy)methane | 9.92  | 93  | 447624  | 19.482 | ng/ul 97  |
| 27) 2,4-Dichlorophenol         | 10.15 | 162 | 324531  | 19.773 | ng/ul 97  |
| 28) Naphthalene                | 10.55 | 128 | 1184671 | 20.473 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.66 | 127 | 435460  | 21.103 | ng/ul 97  |
| 31) Hexachlorobutadiene        | 10.83 | 225 | 234318  | 21.150 | ng/ul 97  |
| 32) Caprolactam                | 11.42 | 113 | 72553   | 13.978 | ng/ul 92  |
| 33) 4-Chloro-3-methylphenol    | 11.79 | 107 | 314748  | 18.297 | ng/ul 93  |
| 34) 2-Methylnaphthalene        | 12.16 | 142 | 819397  | 20.097 | ng/ul 100 |

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 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 22 00:58:49 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 21 02:02:48 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.16 | 142  | 819397   | 20.097 | ng/ul# | 93       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216  | 430282   | 21.313 | ng/ul# | 97       |
| 38) Hexachlorocyclopentadiene  | 12.52 | 237  | 253814   | 20.191 | ng/ul# | 97       |
| 39) 2,4,6-Trichlorophenol      | 12.78 | 196  | 230757   | 20.072 | ng/ul  | 97       |
| 40) 2,4,5-Trichlorophenol      | 12.85 | 196  | 249960   | 19.923 | ng/ul  | 99       |
| 41) 1,1'-Biphenyl              | 13.19 | 154  | 1016041  | 20.777 | ng/ul  | 97       |
| 42) 2-Chloronaphthalene        | 13.23 | 162  | 801980   | 20.955 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.43 | 65   | 175777   | 20.849 | ng/ul  | 100      |
| 45) Dimethylphthalate          | 13.82 | 163  | 882948   | 19.140 | ng/ul  | 98       |
| 46) 2,6-Dinitrotoluene         | 13.94 | 165  | 162810   | 22.979 | ng/ul  | 97       |
| 48) Acenaphthylene             | 14.08 | 152  | 1178078  | 20.416 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.26 | 138  | 162713   | 21.119 | ng/ul  | 98       |
| 50) Acenaphthene               | 14.42 | 153  | 835031   | 20.382 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 14.47 | 184  | 69051    | 21.787 | ng/ul  | 92       |
| 53) 4-Nitrophenol              | 14.57 | 109  | 110597   | 18.528 | ng/ul# | 78       |
| 54) Dibenzofuran               | 14.76 | 168  | 1162017  | 20.673 | ng/ul  | 98       |
| 55) 2,4-Dinitrotoluene         | 14.72 | 165  | 243477   | 23.369 | ng/ul  | 93       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.99 | 232  | 209177   | 20.612 | ng/ul# | 90       |
| 57) Diethylphthalate           | 15.19 | 149  | 844819   | 18.486 | ng/ul  | 98       |
| 59) Fluorene                   | 15.41 | 166  | 932998   | 20.204 | ng/ul  | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.41 | 204  | 487457   | 20.819 | ng/ul  | 96       |
| 61) 4-Nitroaniline             | 15.43 | 138  | 191916   | 20.278 | ng/ul  | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 15.49 | 198  | 122061   | 21.163 | ng/ul  | 99       |
| 65) N-Nitrosodiphenylamine     | 15.62 | 169  | 790020   | 20.383 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.30 | 248  | 293520   | 20.705 | ng/ul  | 97       |
| 67) Hexachlorobenzene          | 16.41 | 284  | 322360   | 21.129 | ng/ul  | 94       |
| 68) Atrazine                   | 16.58 | 200  | 248882   | 18.169 | ng/ul  | 99       |
| 69) Pentachlorophenol          | 16.76 | 266  | 157863   | 19.134 | ng/ul  | 95       |
| 70) Phenanthrene               | 17.15 | 178  | 1444984  | 20.762 | ng/ul  | 98       |
| 72) Anthracene                 | 17.24 | 178  | 1478441  | 20.691 | ng/ul  | 97       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.15 | 216  | 446819   | 21.546 | ng/uL  | 98       |
| 74) Pentachlorobenzene         | 14.67 | 250  | 405260   | 21.664 | ng/uL  | 97       |
| 75) Carbazole                  | 17.51 | 167  | 1252639  | 19.942 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.09 | 149  | 1281728  | 17.539 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.16 | 202  | 1631367  | 20.448 | ng/ul# | 90       |
| 80) Pvrene                     | 19.53 | 202  | 1730755  | 19.463 | ng/ul# | 88       |
| 81) Butylbenzylphthalate       | 20.44 | 149  | 507977   | 15.446 | ng/ul  | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.22 | 252  | 497672   | 17.347 | ng/ul# | 97       |
| 83) Benzo(a)anthracene         | 21.28 | 228  | 1780756  | 19.862 | ng/ul  | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.23 | 149  | 819085   | 15.848 | ng/ul  | 98       |
| 85) Chrysene                   | 21.33 | 228  | 1709436  | 20.445 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.10 | 149  | 1325484  | 14.728 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.86 | 252  | 1775351  | 19.801 | ng/ul# | 97       |
| 89) Benzo(k)fluoranthene       | 22.90 | 252  | 1807410  | 20.994 | ng/ul# | 97       |
| 91) Benzo(a)pyrene             | 23.43 | 252  | 1775815  | 20.779 | ng/ul# | 97       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.77 | 276  | 2103742  | 20.636 | ng/ul# | 88       |
| 93) Dibenzo(a,h)anthracene     | 25.78 | 278  | 1759697  | 20.634 | ng/ul# | 95       |
| 94) Benzo(a,h,i)perylene       | 26.45 | 276  | 1765350  | 20.883 | ng/ul# | 93       |

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Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

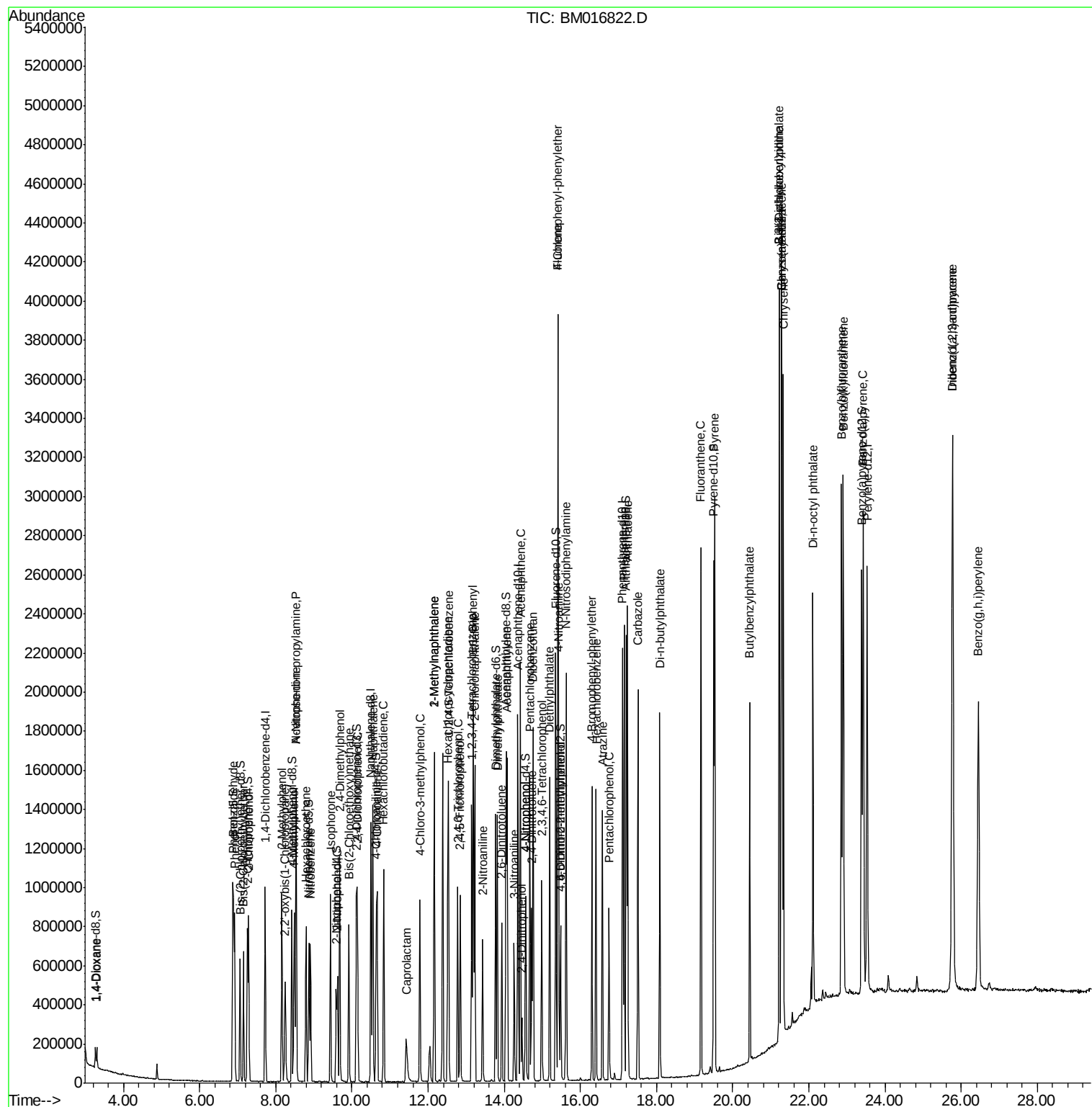
Quant Time: Sep 22 00:58:49 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Sep 21 02:02:48 2018  
Response via : Initial Calibration

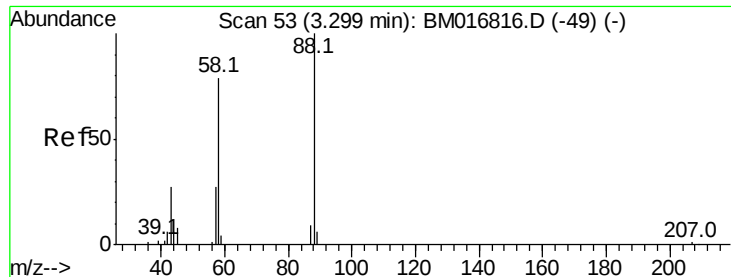
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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Instrument :  
BNA\_M  
ClientSampled :

Quant Time: Sep 22 00:58:49 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Sep 21 02:02:48 2018  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.609 ng/uL

RT: 3.30 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

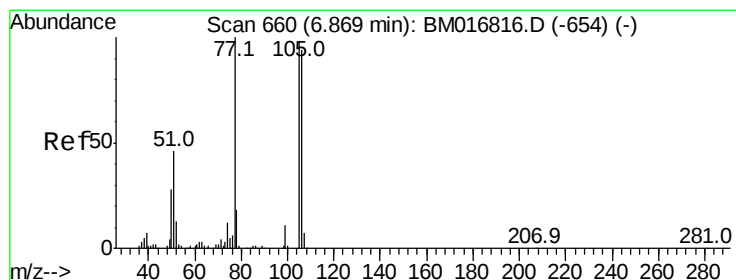
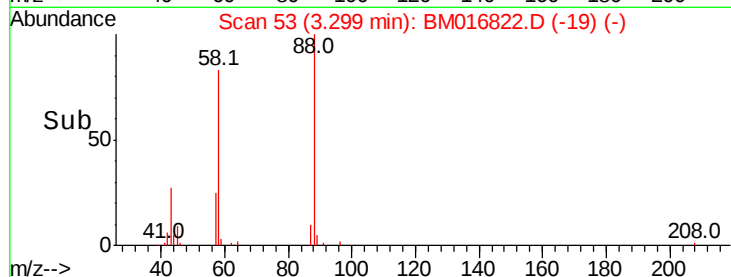
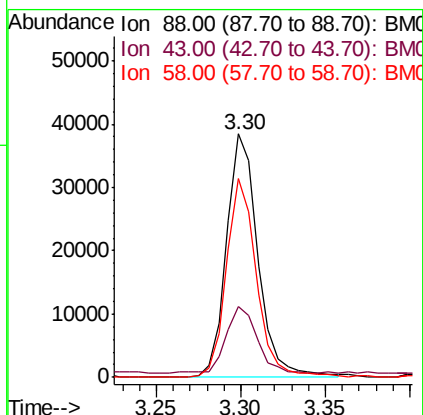
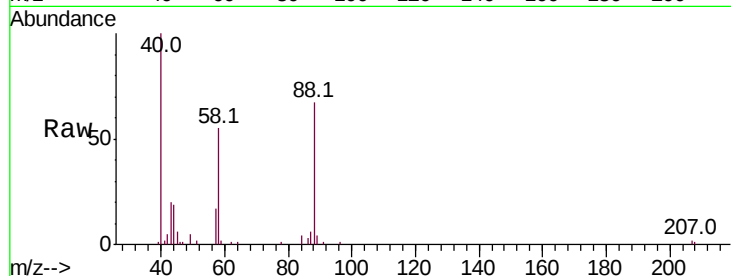
Tot Ion: 88 Resp: 49973

Ion Ratio Lower Upper

88 100

43 29.1 29.0 43.4

58 81.9 45.9 68.9#



#4

Benzaldehyde

Concen: 22.805 ng/uL

RT: 6.87 min Scan# 660

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

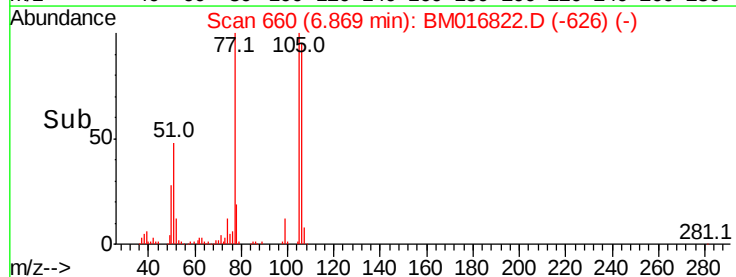
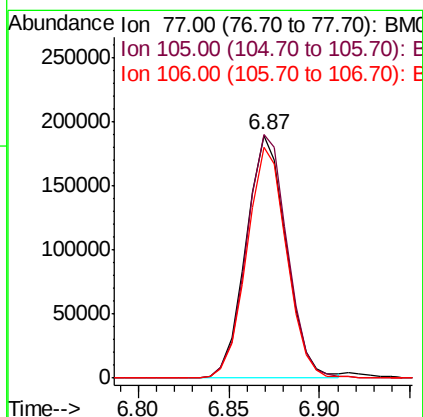
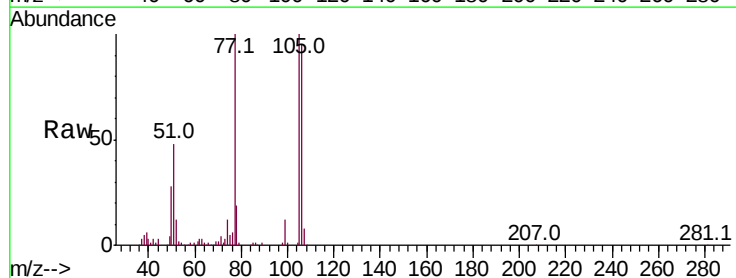
Tgt Ion: 77 Resp: 292156

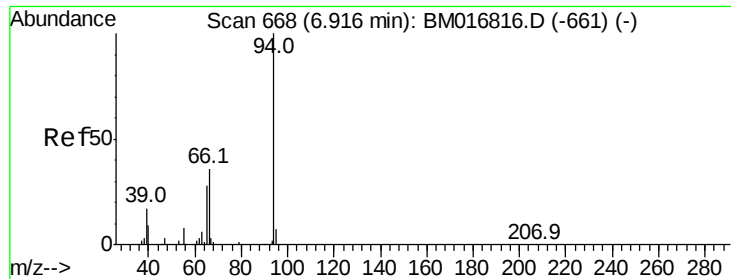
Ion Ratio Lower Upper

77 100

105 100.4 71.0 106.6

106 95.4 69.5 104.3





#6

Phenol

Concen: 19.096 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

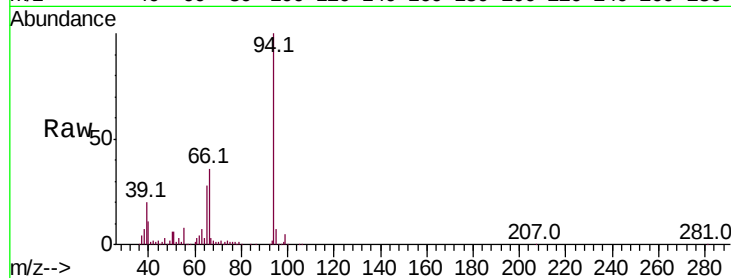
Tot Ion: 94 Resp: 433930

Ion Ratio Lower Upper

94 100

65 28.1 23.0 34.6

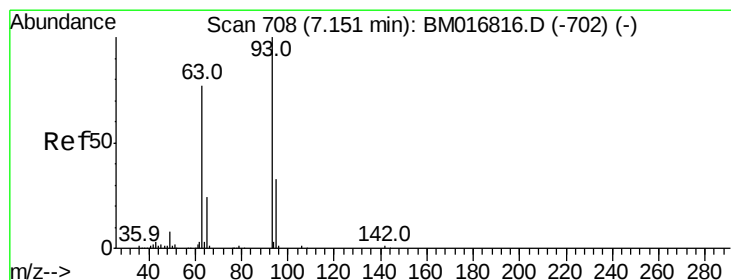
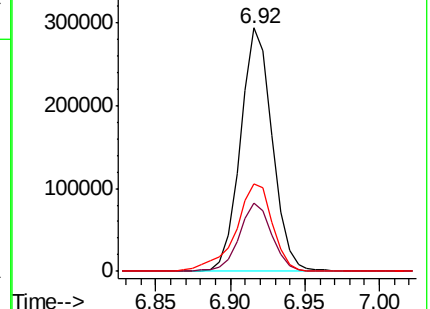
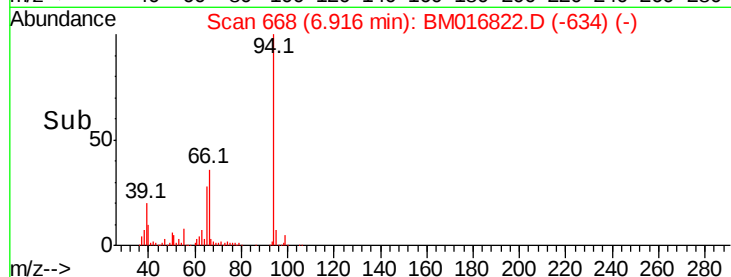
66 36.1 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016822.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016822.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016822.D (-661) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.885 ng/ul

RT: 7.15 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

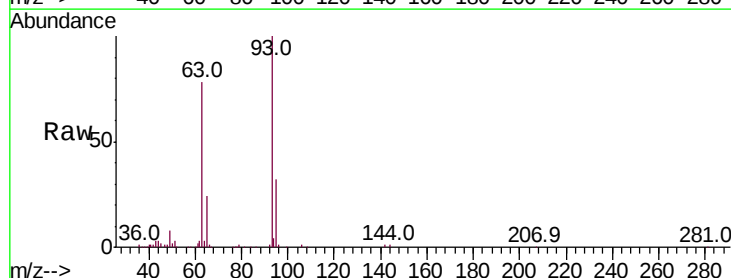
Tgt Ion: 93 Resp: 347898

Ion Ratio Lower Upper

93 100

63 77.8 59.4 89.2

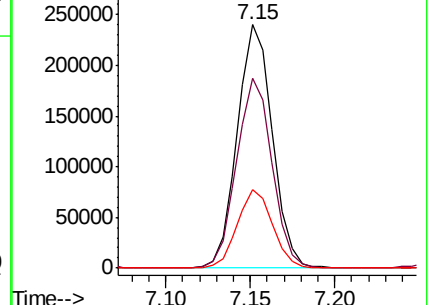
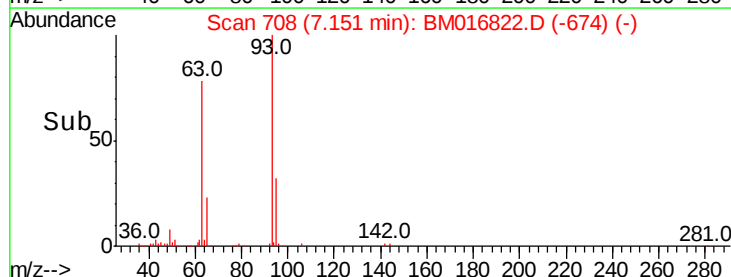
95 32.4 26.4 39.6

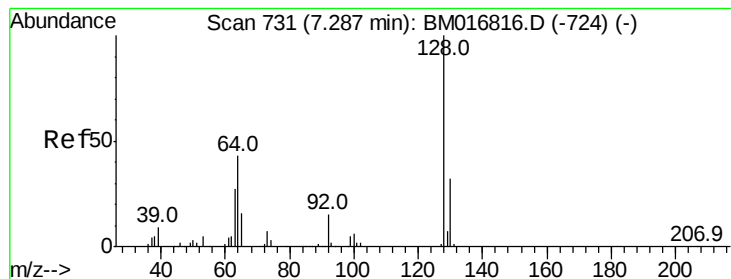


Abundance Ion 93.00 (92.70 to 93.70): BM016822.D (-702) (-)

Ion 63.00 (62.70 to 63.70): BM016822.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM016822.D (-702) (-)





#10

2-Chlorophenol

Concen: 19.696 ng/ul

RT: 7.29 min Scan# 731

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

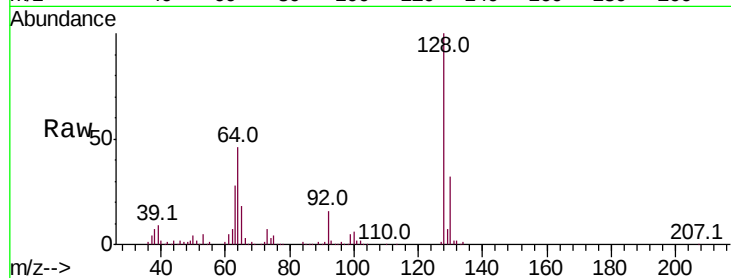
Tot Ion:128 Resp: 367555

Ion Ratio Lower Upper

128 100

64 45.8 39.8 59.6

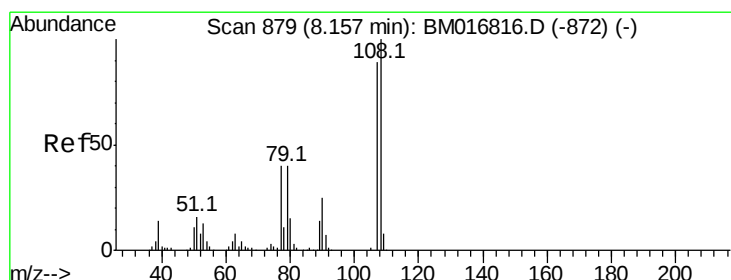
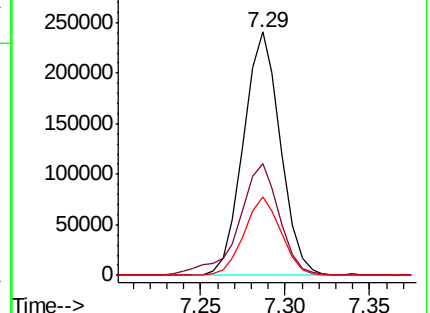
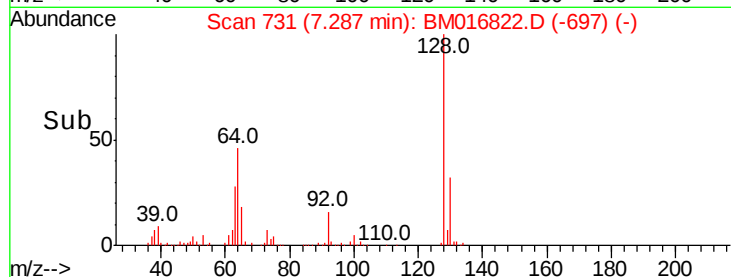
130 32.1 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.639 ng/ul

RT: 8.16 min Scan# 879

Delta R.T. 0.00 min

Lab File: BM016822.D

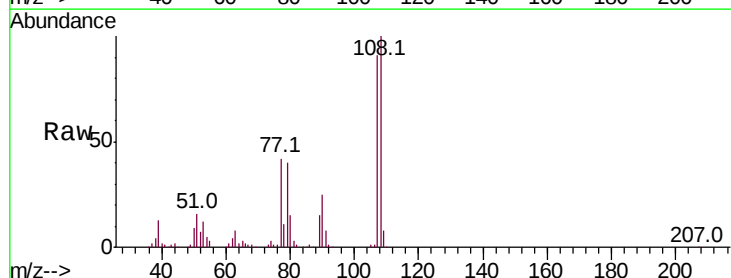
Acq: 21 Sep 2018 08:55

Tgt Ion:108 Resp: 317436

Ion Ratio Lower Upper

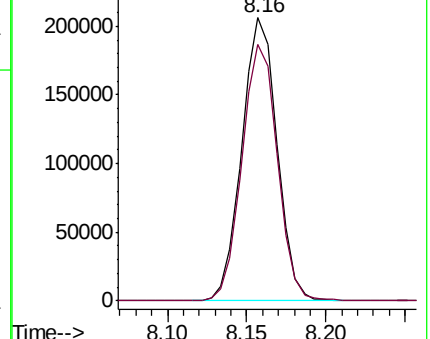
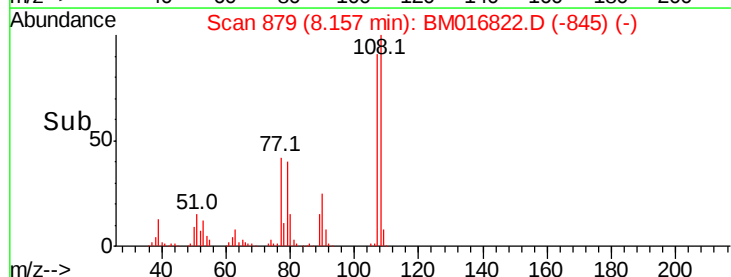
108 100

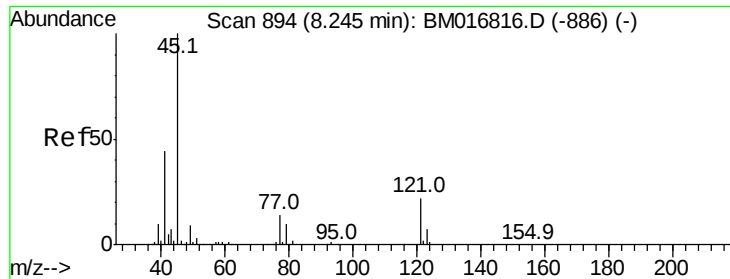
107 90.8 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

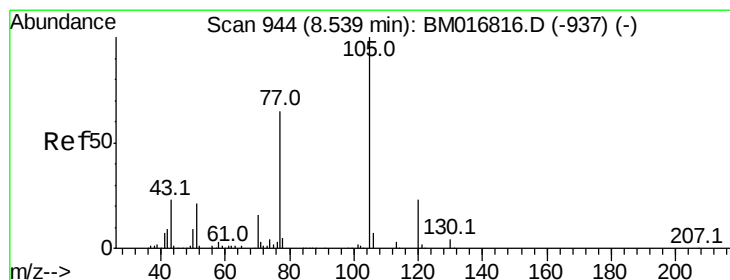
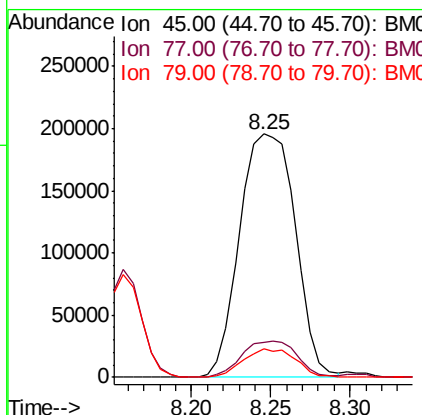
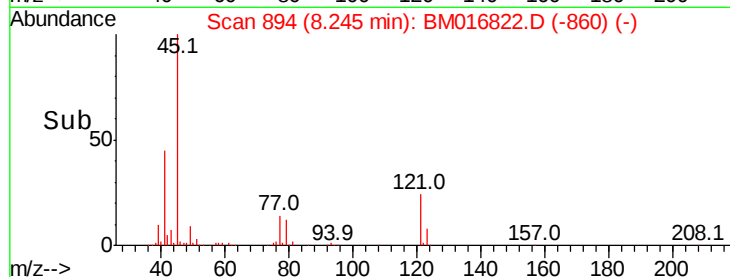
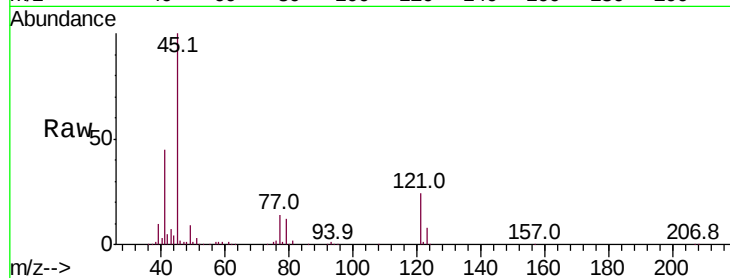




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 17.290 ng/ul  
RT: 8.25 min Scan# 894  
Delta R.T. 0.00 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

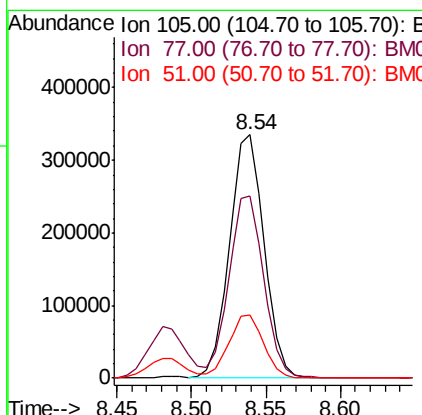
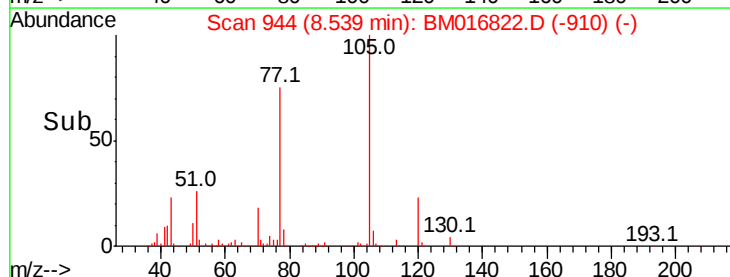
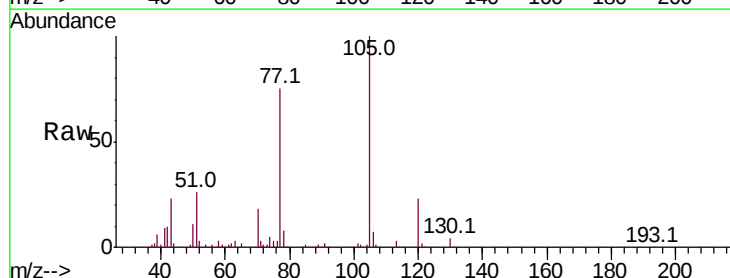
Instrument :  
BNA\_M  
ClientSampled :

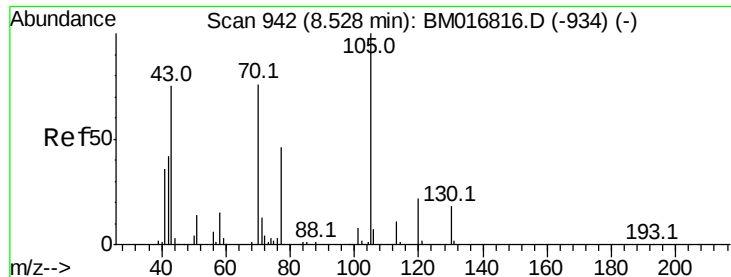
Tot Ion: 45 Resp: 478370  
Ion Ratio Lower Upper  
45 100  
77 14.3 12.5 18.7  
79 11.6 9.4 14.2



#14  
Acetophenone  
Concen: 19.848 ng/ul  
RT: 8.54 min Scan# 944  
Delta R.T. 0.00 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Tgt Ion:105 Resp: 541910  
Ion Ratio Lower Upper  
105 100  
77 74.9 63.2 94.8  
51 26.1 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 18.672 ng/ul

RT: 8.53 min Scan# 942

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampled :

Tot Ion: 70 Resp: 255105

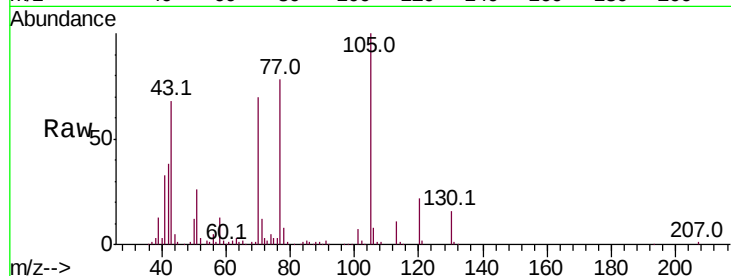
Ion Ratio Lower Upper

70 100

42 54.1 40.2 60.4

101 10.3 7.7 11.5

130 22.3 17.8 26.6



Abundance Ion 70.00 (69.70 to 70.70): BM016822.D (-908) (-)

250000

Ion 42.00 (41.70 to 42.70): BM016822.D (-908) (-)

200000

Ion 101.00 (100.70 to 101.70): BM016822.D (-908) (-)

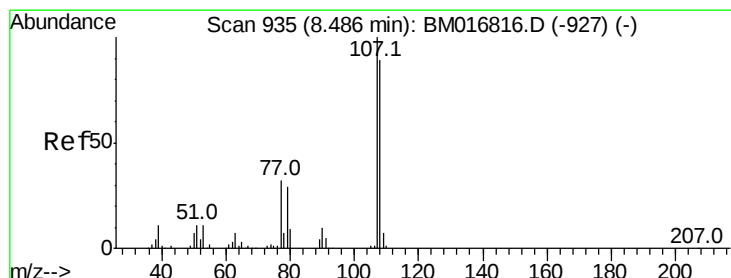
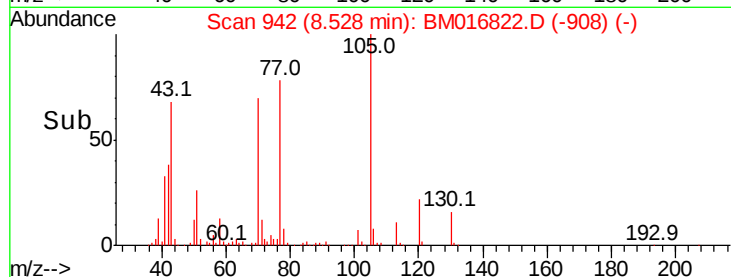
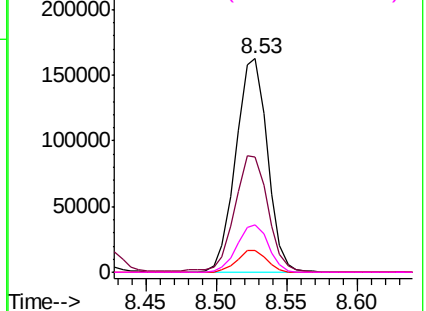
150000

Ion 130.00 (129.70 to 130.70): BM016822.D (-908) (-)

100000

50000

0



#16

4-Methylphenol

Concen: 18.947 ng/ul

RT: 8.49 min Scan# 935

Delta R.T. 0.00 min

Lab File: BM016822.D

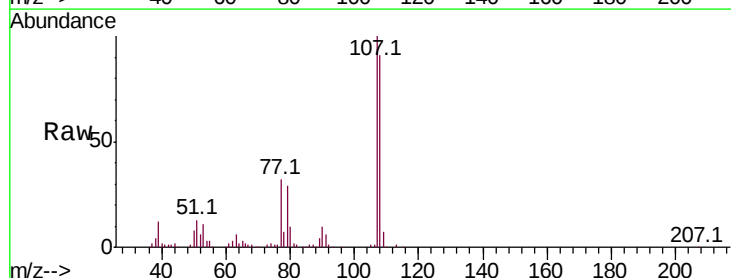
Acq: 21 Sep 2018 08:55

Tgt Ion: 108 Resp: 341087

Ion Ratio Lower Upper

108 100

107 110.4 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): BM016822.D (-901) (-)

250000

Ion 107.00 (106.70 to 107.70): BM016822.D (-901) (-)

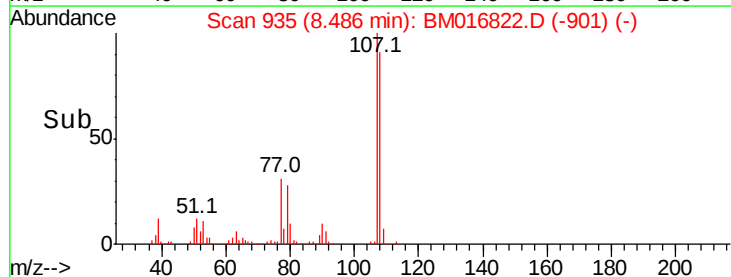
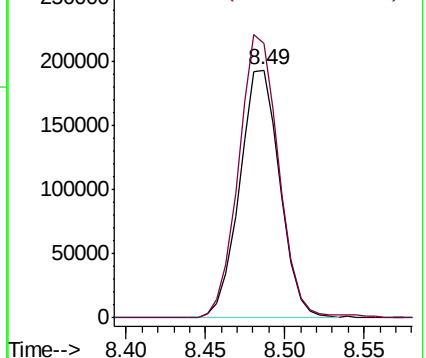
200000

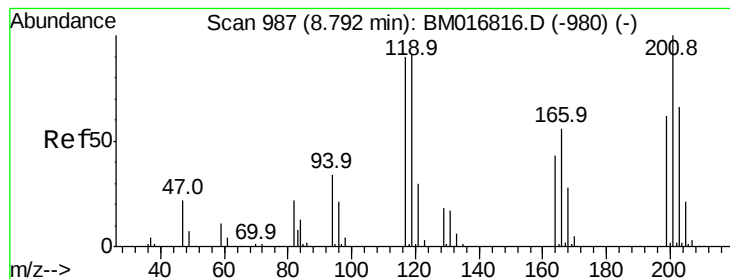
150000

100000

50000

0





#17

Hexachloroethane

Concen: 19.795 ng/ul

RT: 8.79 min Scan# 987

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampled :

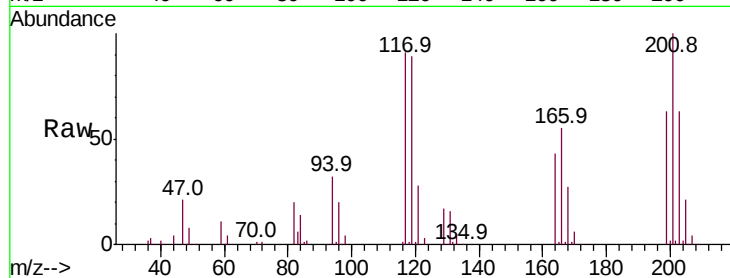
Tot Ion:117 Resp: 145094

Ion Ratio Lower Upper

117 100

201 110.3 96.1 144.1

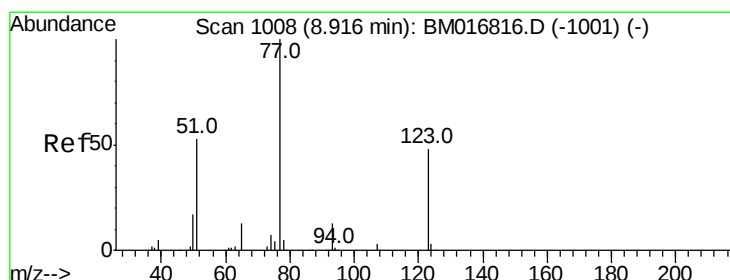
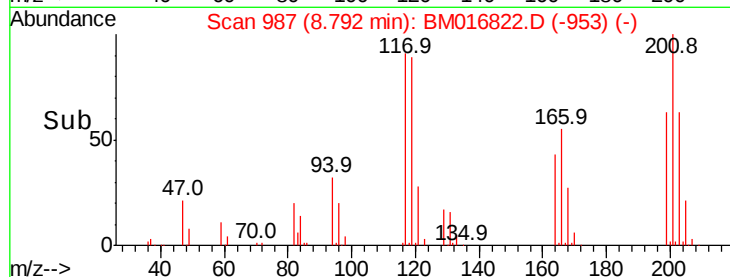
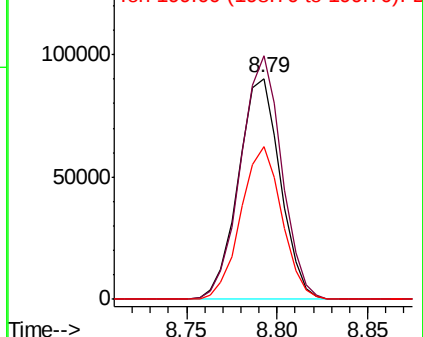
199 69.1 59.7 89.5



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: 20.516 ng/ul

RT: 8.92 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

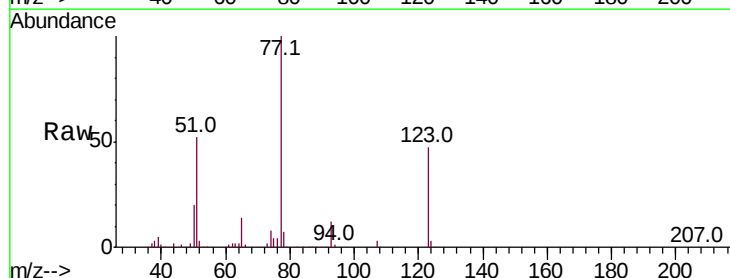
Tgt Ion: 77 Resp: 383743

Ion Ratio Lower Upper

77 100

123 47.3 31.8 47.8

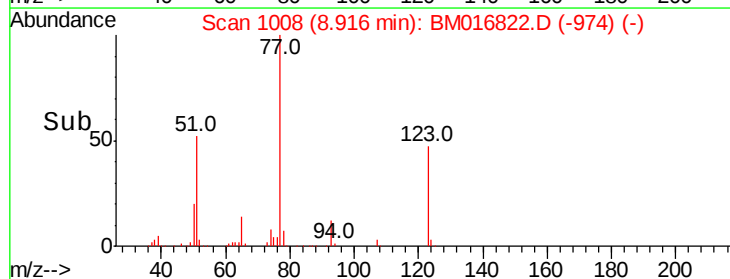
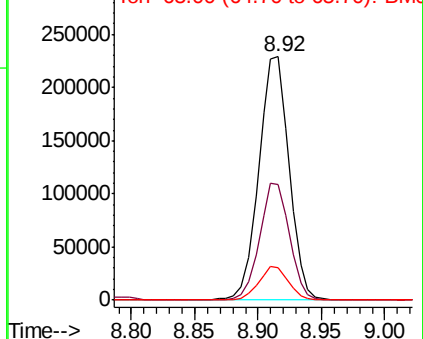
65 13.6 10.6 16.0

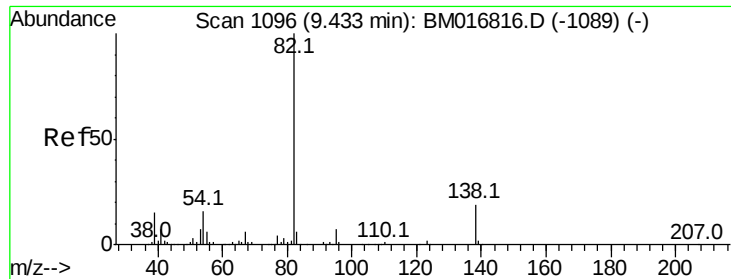


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 17.681 ng/ul

RT: 9.43 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampled :

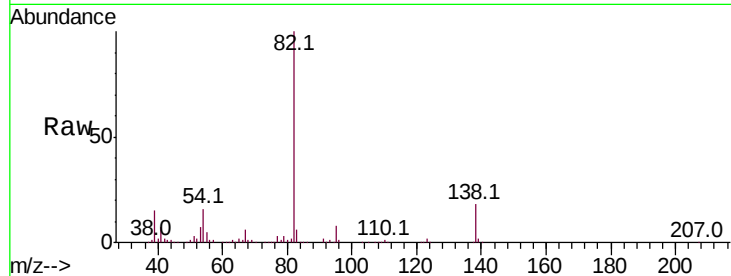
Tot Ion: 82 Resp: 657233

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

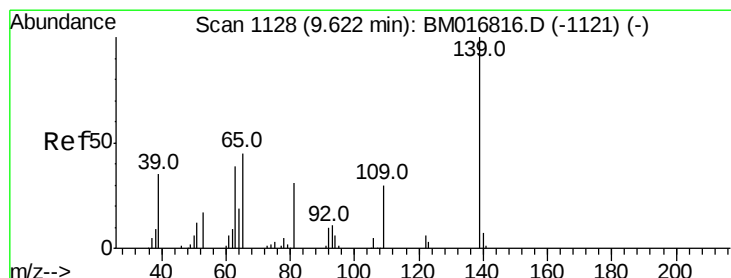
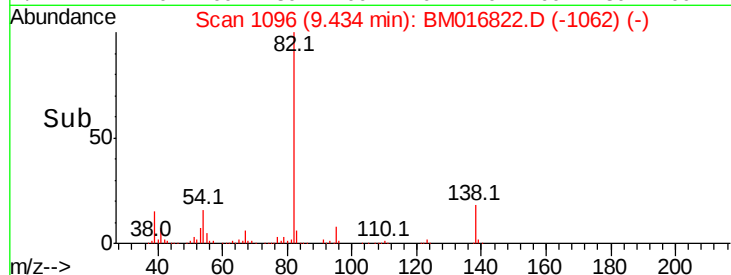
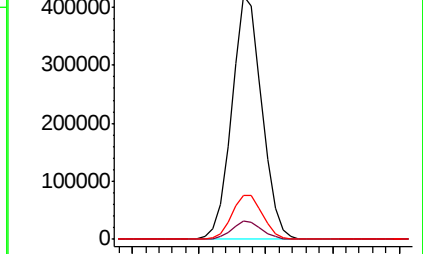
138 18.1 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BM016822.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016822.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016822.D (-1094) (-)



#23

2-Nitrophenol

Concen: 22.499 ng/ul

RT: 9.62 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

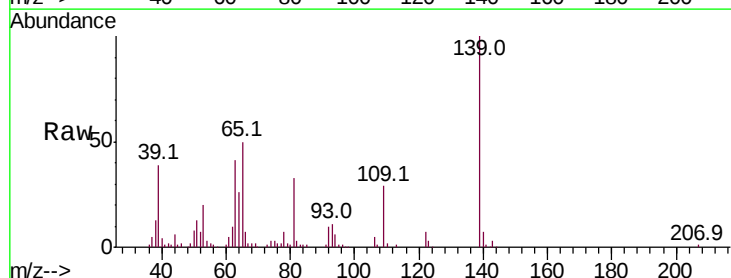
Tgt Ion: 139 Resp: 174615

Ion Ratio Lower Upper

139 100

65 50.2 45.3 67.9

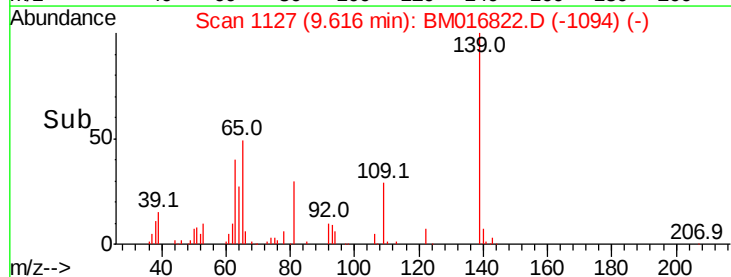
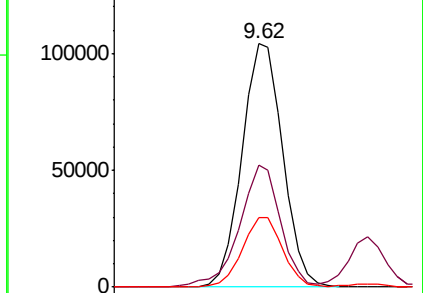
109 28.6 27.7 41.5

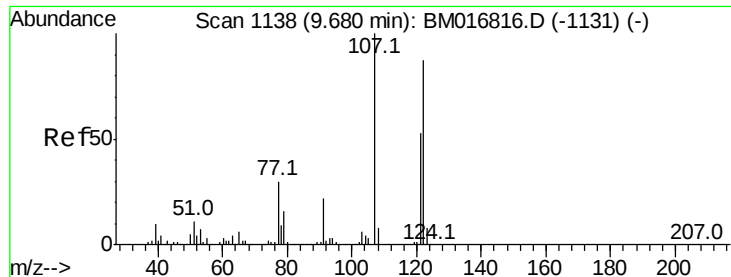


Abundance Ion 139.00 (138.70 to 139.70): BM016822.D (-1094) (-)

Ion 65.00 (64.70 to 65.70): BM016822.D (-1094) (-)

Ion 109.00 (108.70 to 109.70): BM016822.D (-1094) (-)





#24

2,4-Dimethylphenol

Concen: 18.845 ng/ul

RT: 9.68 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

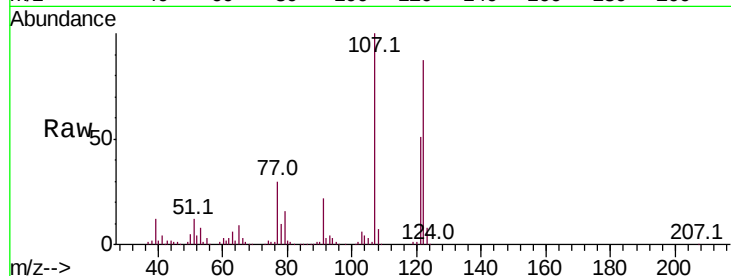
Tot Ion:107 Resp: 377402

Ion Ratio Lower Upper

107 100

121 51.1 38.1 57.1

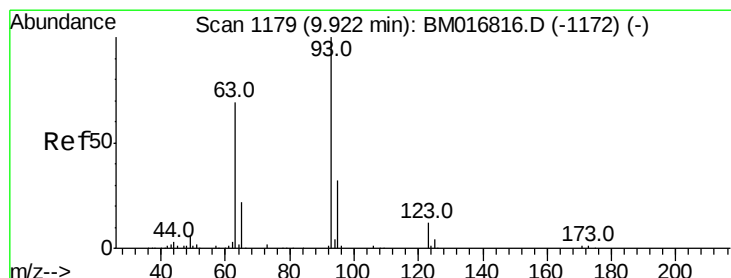
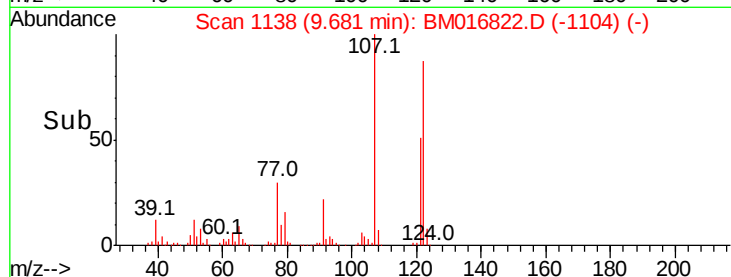
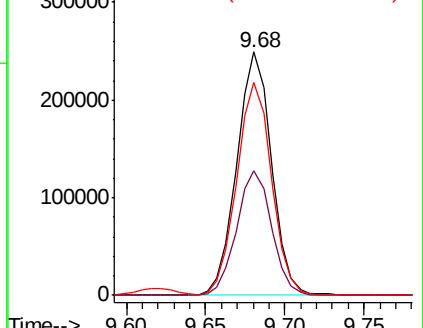
122 87.2 63.8 95.8



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: 19.482 ng/ul

RT: 9.92 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

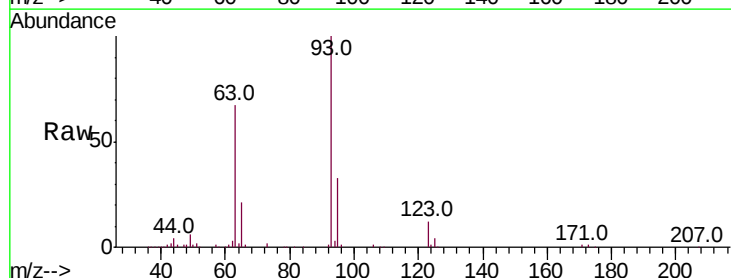
Tgt Ion: 93 Resp: 447624

Ion Ratio Lower Upper

93 100

95 32.6 24.7 37.1

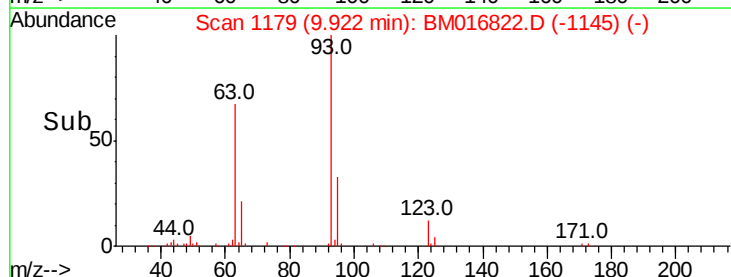
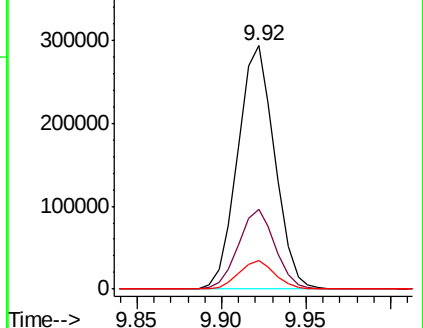
123 12.0 8.2 12.2

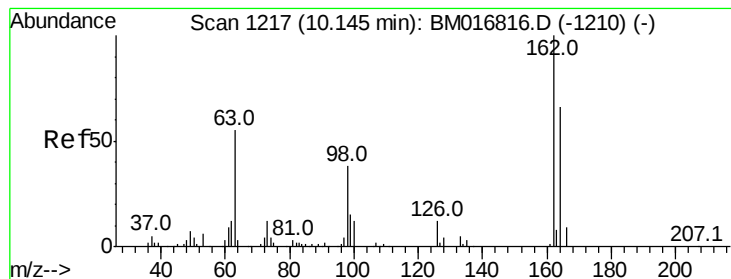


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.773 ng/ul

RT: 10.15 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

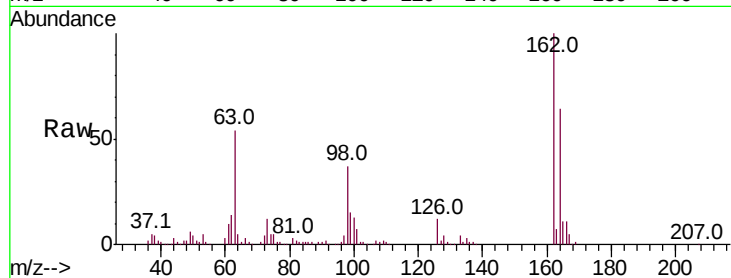
Tot Ion:162 Resp: 324531

Ion Ratio Lower Upper

162 100

164 63.9 52.0 78.0

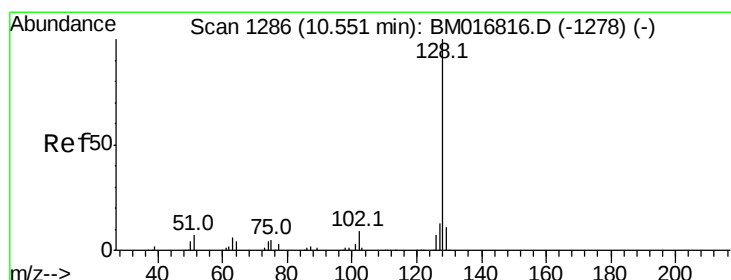
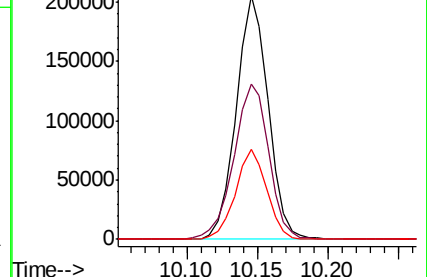
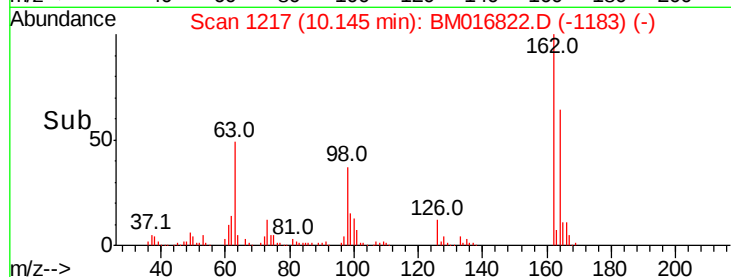
98 37.2 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 20.473 ng/ul

RT: 10.55 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

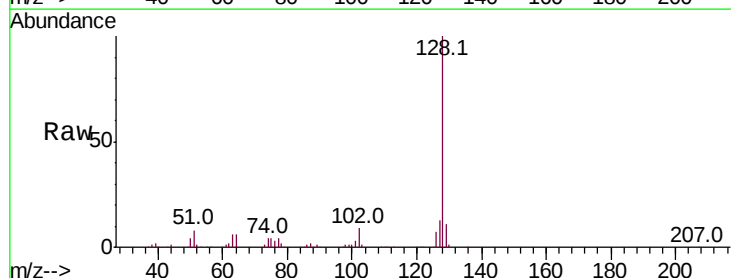
Tgt Ion:128 Resp: 1184671

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

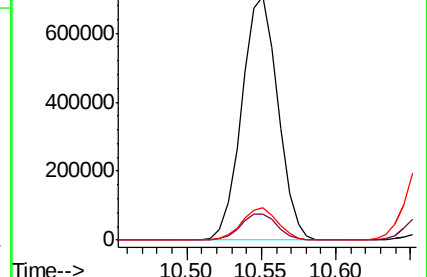
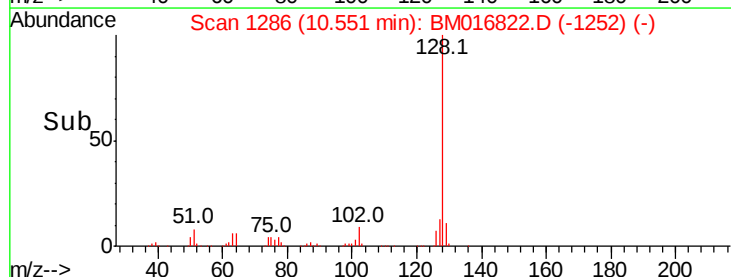
127 13.1 10.8 16.2

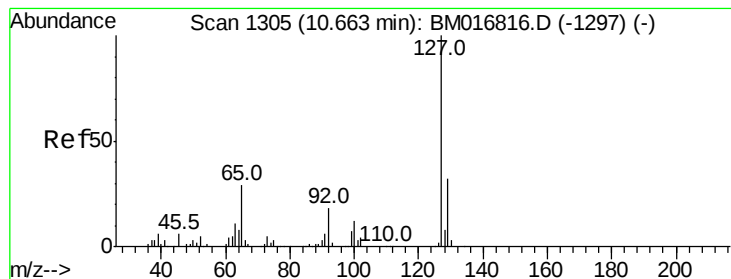


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 21.103 ng/ul

RT: 10.66 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

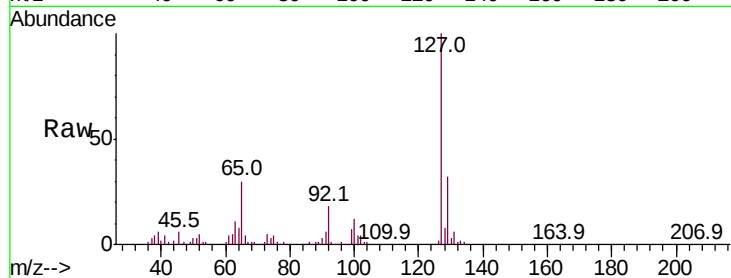
ClientSampled :

Tot Ion:127 Resp: 435460

Ion Ratio Lower Upper

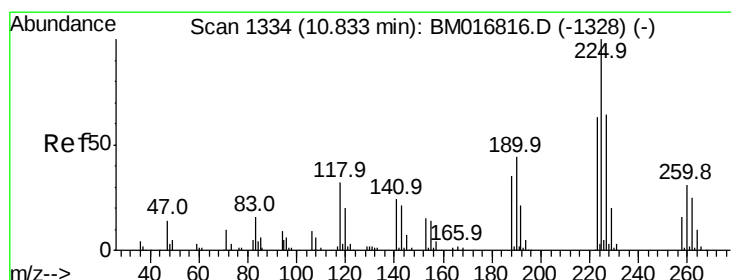
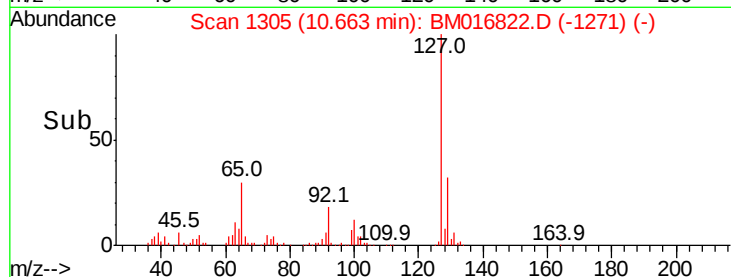
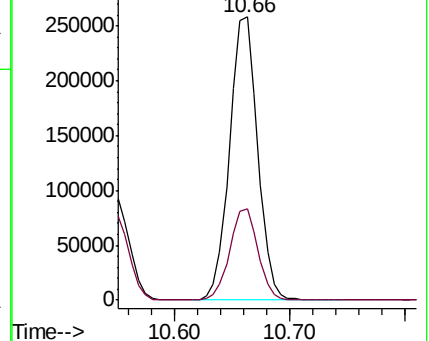
127 100

129 32.2 24.6 37.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 21.150 ng/ul

RT: 10.83 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

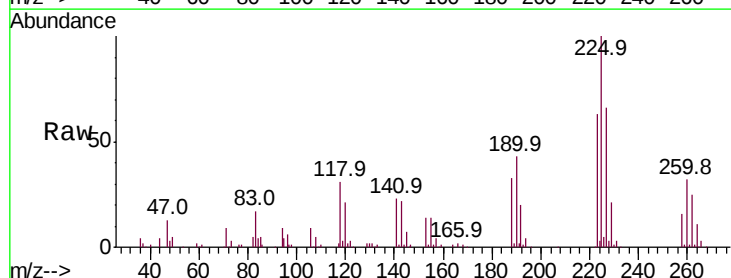
Tgt Ion:225 Resp: 234318

Ion Ratio Lower Upper

225 100

223 63.4 48.1 72.1

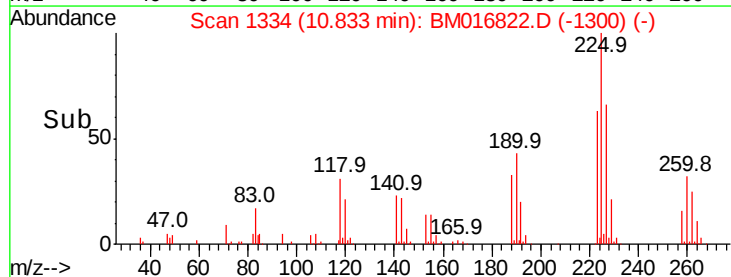
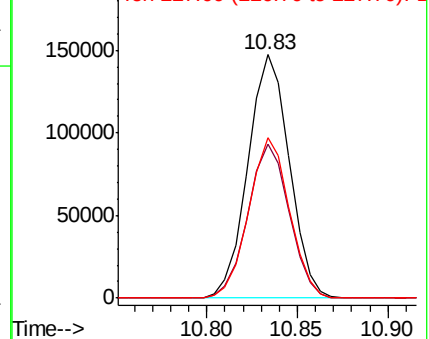
227 66.0 52.1 78.1

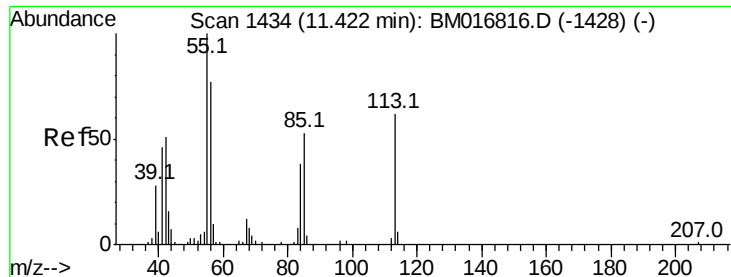


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 13.978 ng/ul

RT: 11.42 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampled :

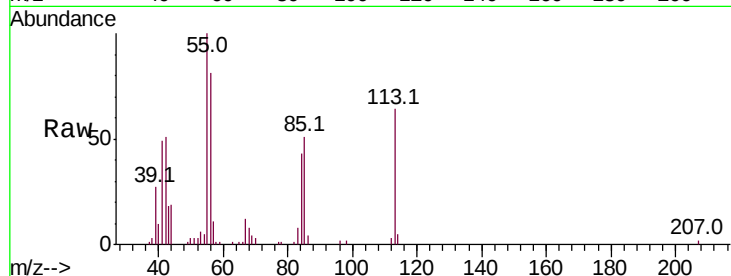
Tot Ion:113 Resp: 72553

Ion Ratio Lower Upper

113 100

55 157.0 131.7 197.5

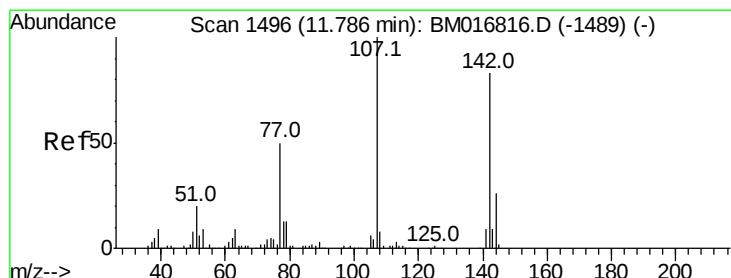
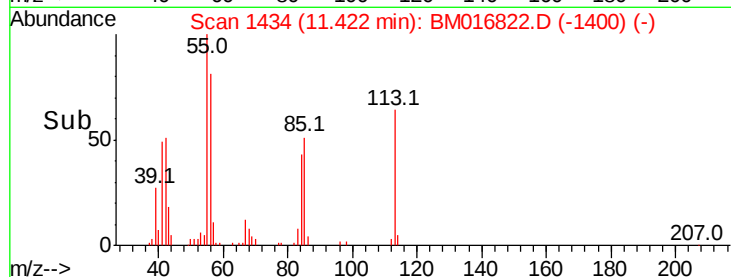
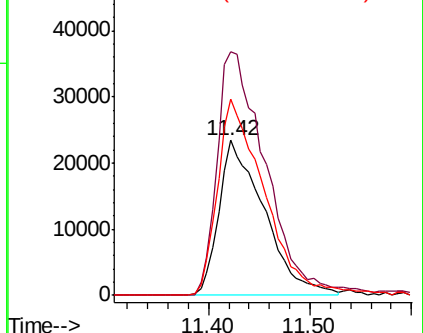
56 126.9 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 18.297 ng/ul

RT: 11.79 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

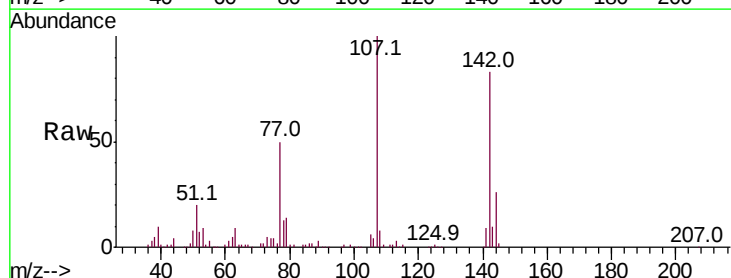
Tgt Ion:107 Resp: 314748

Ion Ratio Lower Upper

107 100

144 25.9 21.1 31.7

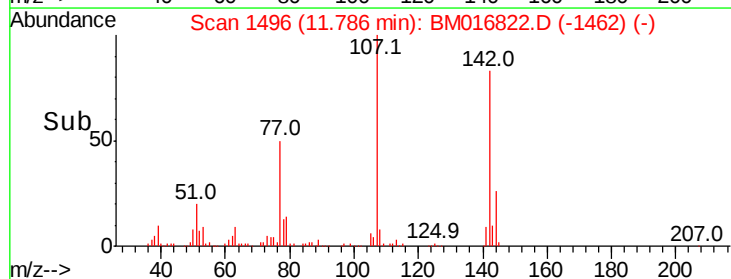
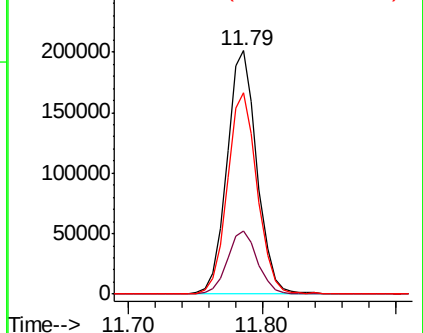
142 82.5 60.1 90.1

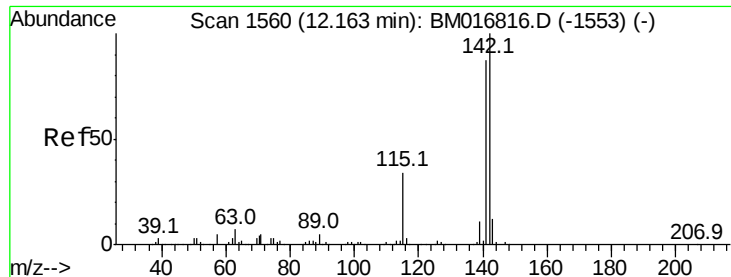


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

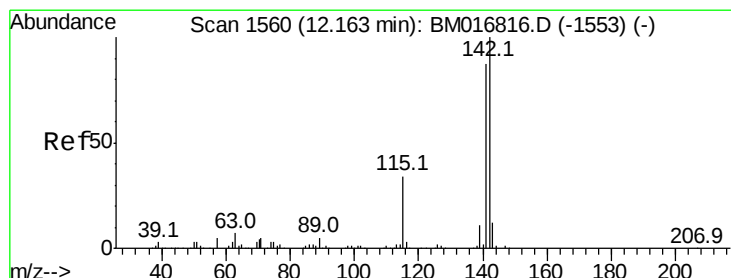
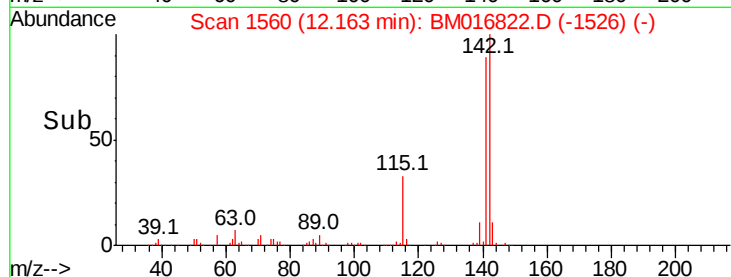
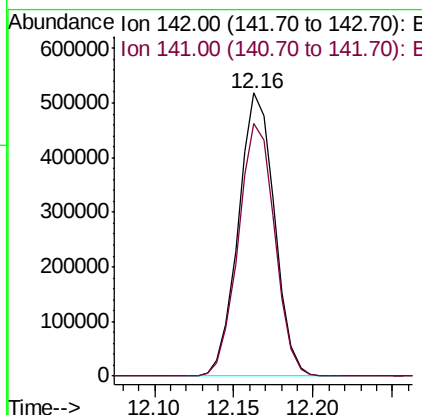
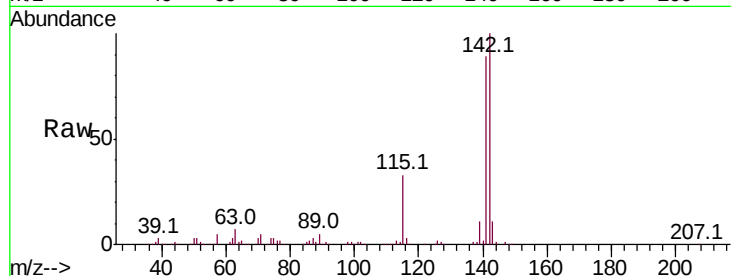




#34  
2-Methylnaphthalene  
Concen: 20.097 ng/ul  
RT: 12.16 min Scan# 1560  
Delta R.T. 0.00 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

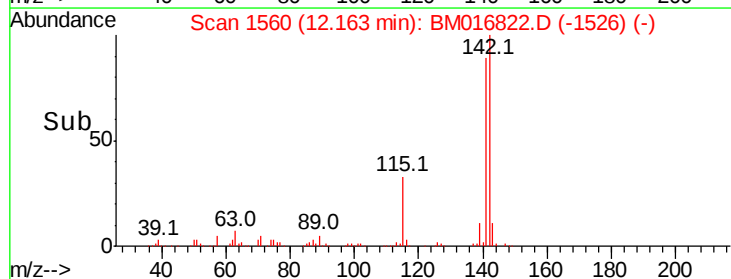
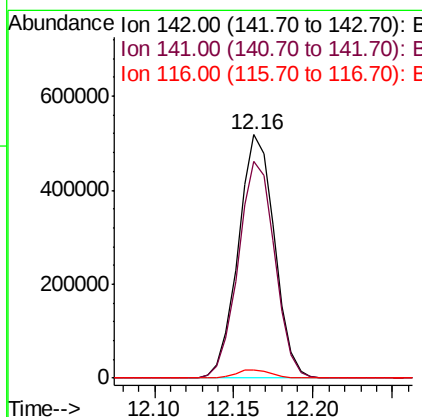
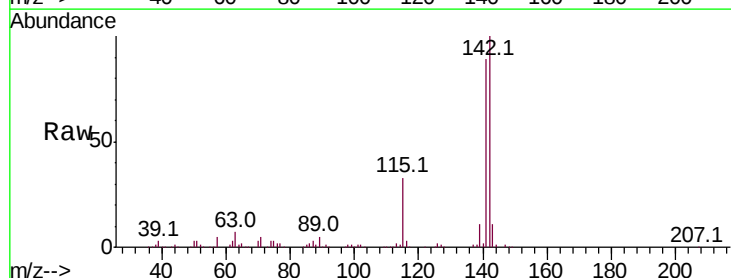
Instrument :  
BNA\_M  
ClientSampleId :

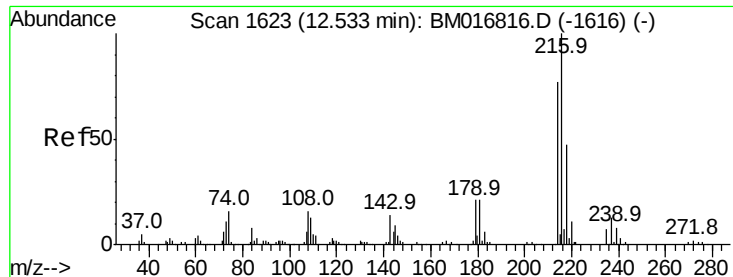
Tot Ion:142 Resp: 819397  
Ion Ratio Lower Upper  
142 100  
141 89.2 71.4 107.2



#35  
1-Methylnaphthalene  
Concen: 20.097 ng/ul  
RT: 12.16 min Scan# 1560  
Delta R.T. 0.00 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Tgt Ion:142 Resp: 819397  
Ion Ratio Lower Upper  
142 100  
141 89.2 76.6 115.0  
116 3.3 3.6 5.4#

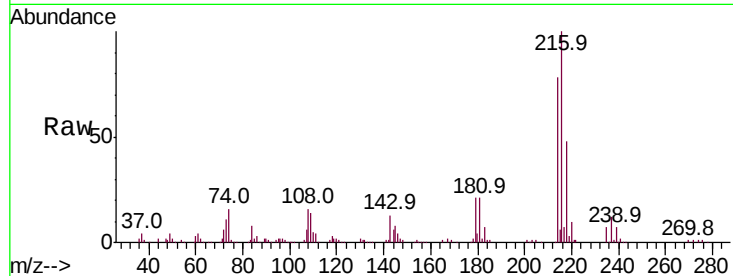




#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.313 ng/ul  
 RT: 12.53 min Scan# 1623  
 Delta R.T. 0.00 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.2  | 64.1  | 96.1  |
| 179     | 20.8  | 14.5  | 21.7  |
| 108     | 16.1  | 10.4  | 15.6  |



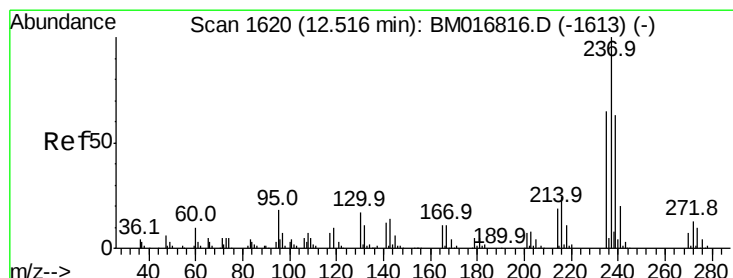
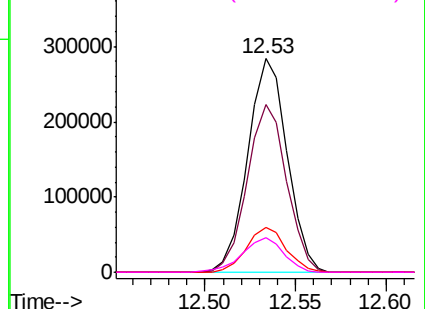
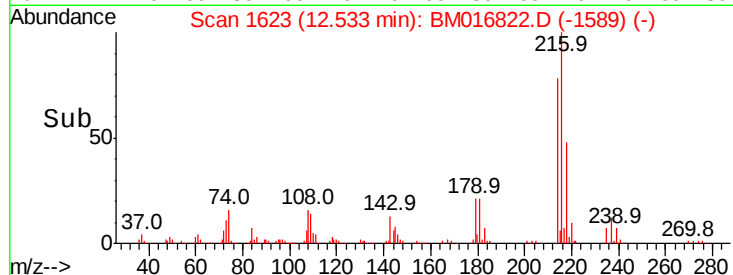
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

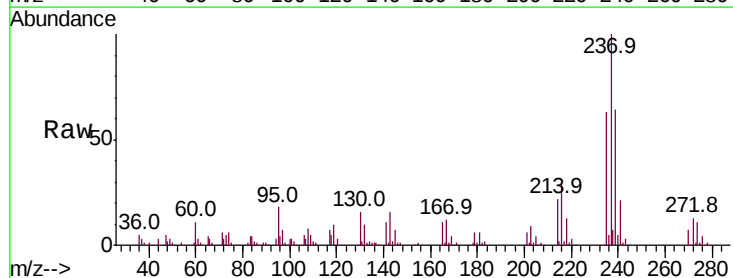
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38  
 Hexachlorocyclopentadiene  
 Concen: 20.191 ng/ul  
 RT: 12.52 min Scan# 1620  
 Delta R.T. 0.00 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.5  | 49.5  | 74.3  |
| 272     | 13.2  | 8.6   | 12.8  |

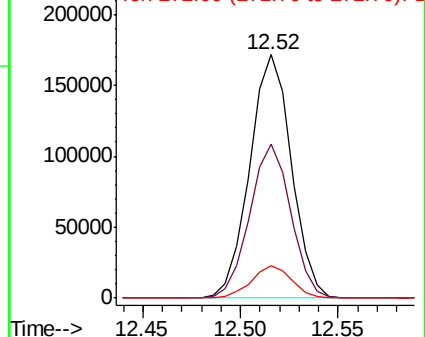
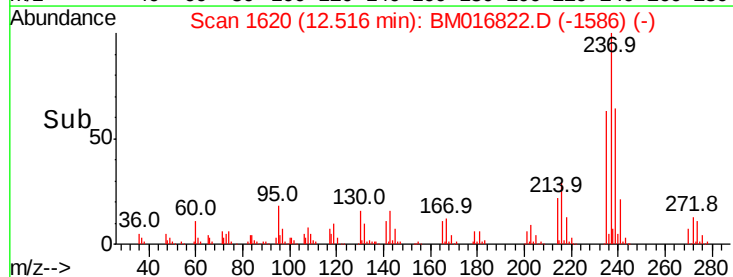


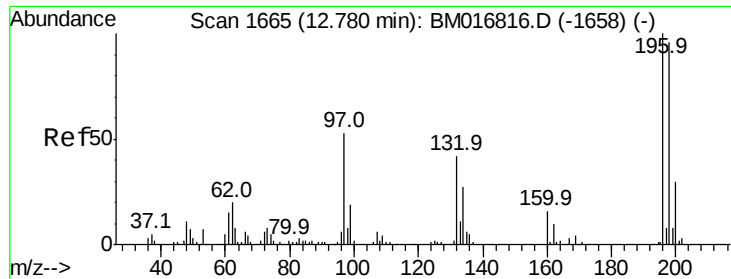
Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

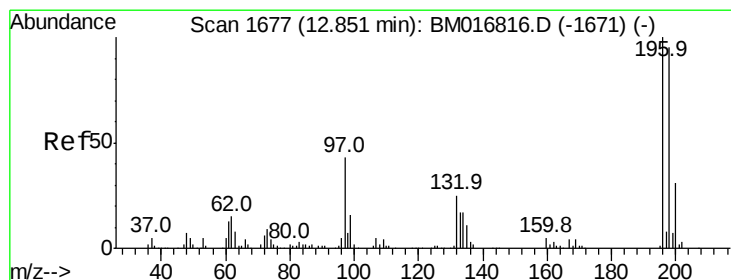
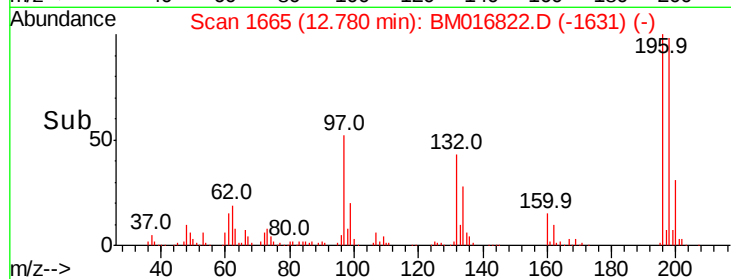
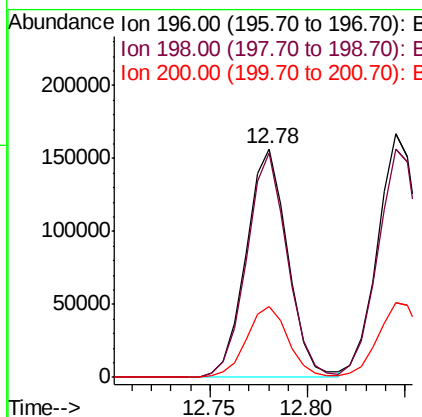
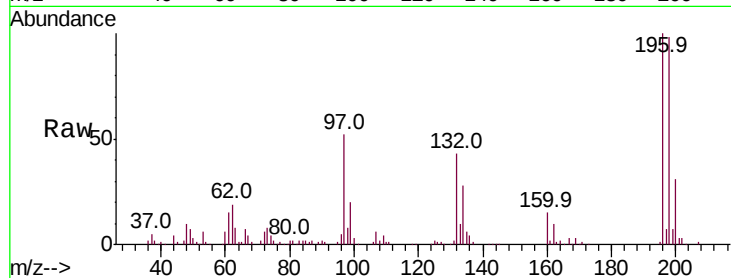




#39  
 2,4,6-Trichlorophenol  
 Concen: 20.072 ng/ul  
 RT: 12.78 min Scan# 1665  
 Delta R.T. 0.00 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

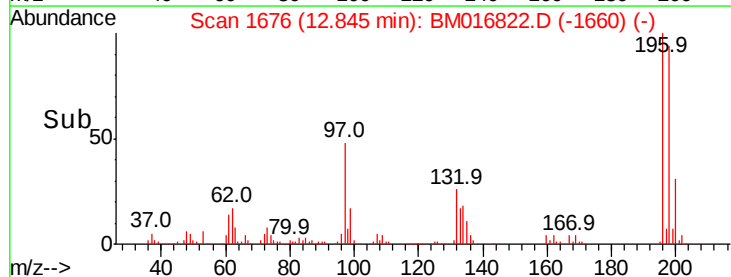
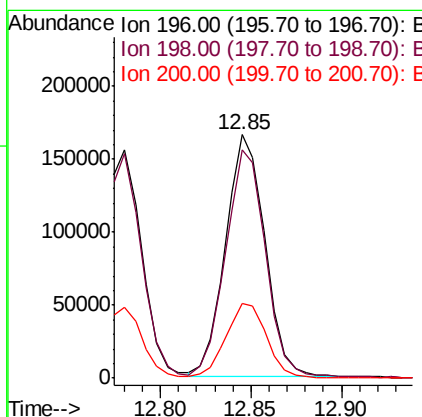
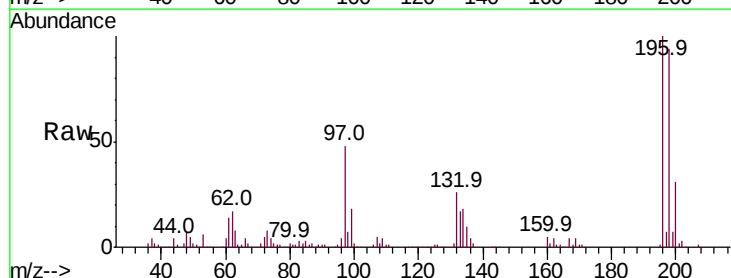
Instrument :  
 BNA\_M  
 ClientSampleId :

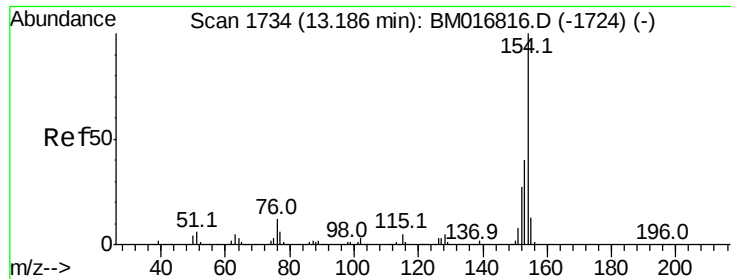
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.3  | 75.9  | 113.9 |
| 200     | 30.8  | 25.8  | 38.6  |



#40  
 2,4,5-Trichlorophenol  
 Concen: 19.923 ng/ul  
 RT: 12.85 min Scan# 1676  
 Delta R.T. -0.01 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.6  | 74.7  | 112.1 |
| 200     | 30.9  | 25.4  | 38.0  |



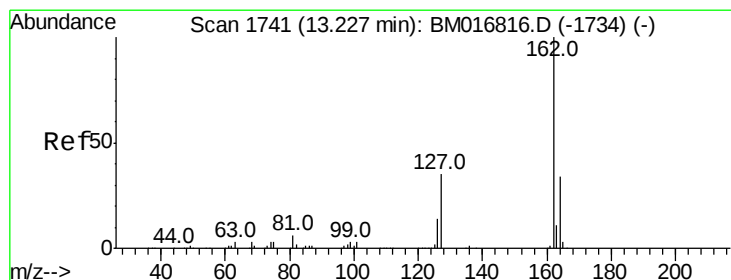
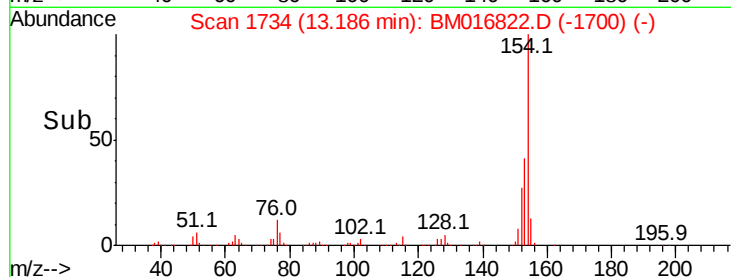
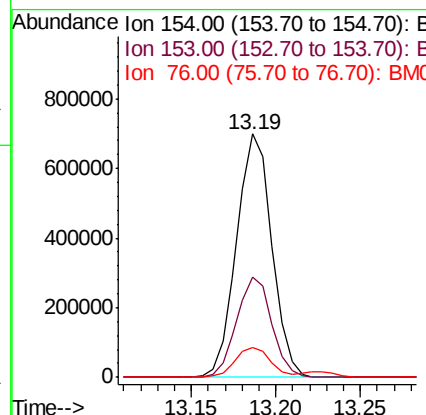
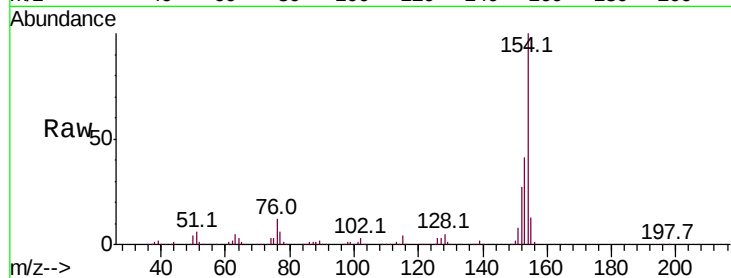


#41  
 1,1'-Biphenyl  
 Concen: 20.777 ng/ul  
 RT: 13.19 min Scan# 1734  
 Delta R.T. 0.00 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:154 Resp: 1016041  

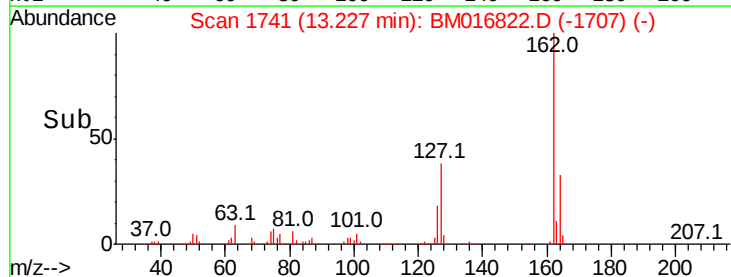
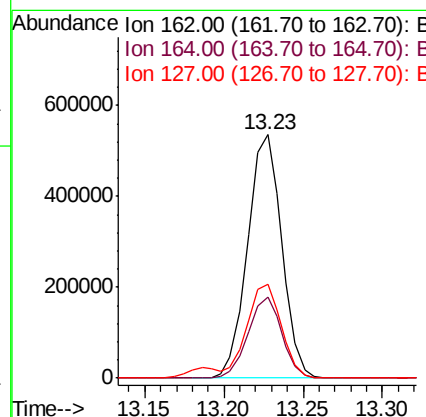
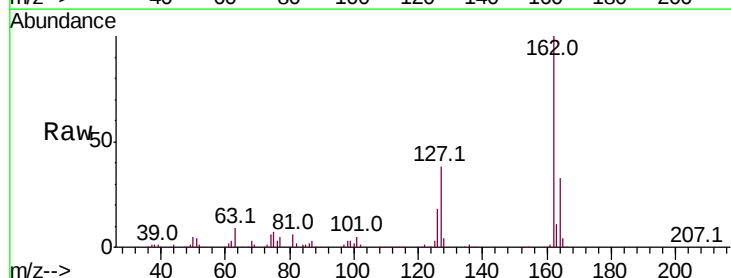
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.1  | 34.0  | 51.0  |
| 76  | 12.5  | 8.4   | 12.6  |

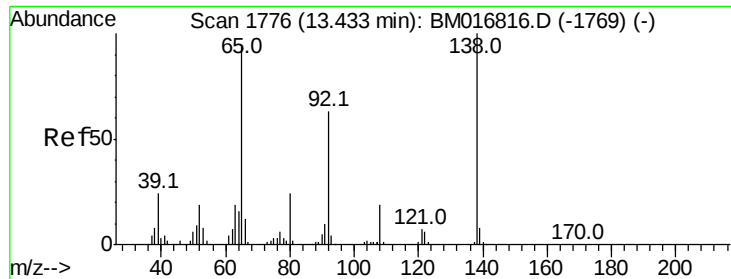


#42  
 2-Chloronaphthalene  
 Concen: 20.955 ng/ul  
 RT: 13.23 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

Tgt Ion:162 Resp: 801980  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 33.1  | 26.2  | 39.4  |
| 127 | 38.3  | 29.5  | 44.3  |





#43

2-Nitroaniline

Concen: 20.849 ng/ul

RT: 13.43 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

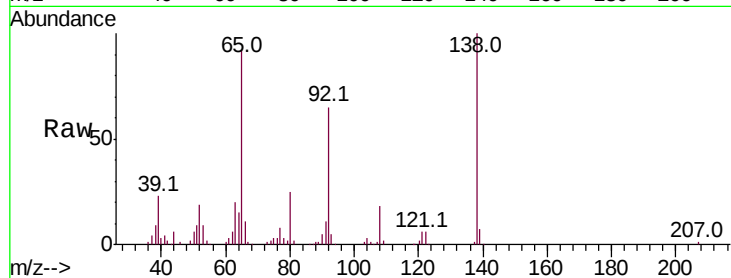
Tot Ion: 65 Resp: 175777

Ion Ratio Lower Upper

65 100

92 70.9 57.0 85.4

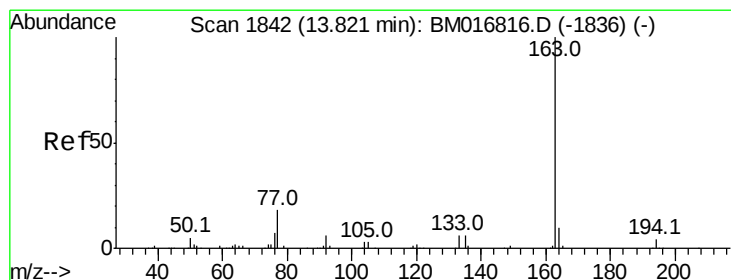
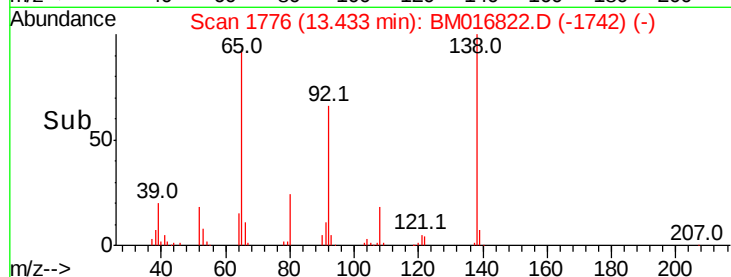
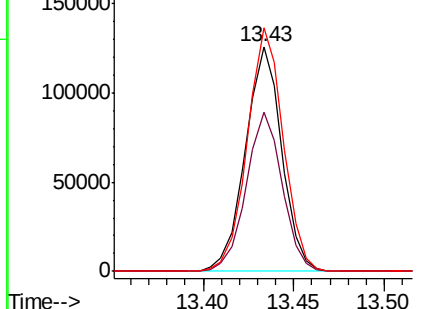
138 108.5 87.2 130.8



Abundance Ion 65.00 (64.70 to 65.70): BM016822.D (-1742) (-)

Ion 92.00 (91.70 to 92.70): BM016822.D (-1742) (-)

Ion 138.00 (137.70 to 138.70): BM016822.D (-1742) (-)



#45

Dimethylphthalate

Concen: 19.140 ng/ul

RT: 13.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

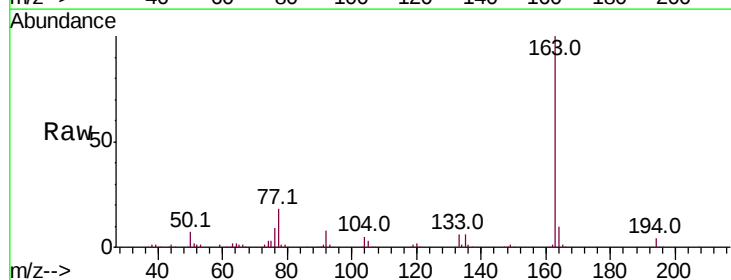
Tgt Ion:163 Resp: 882948

Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

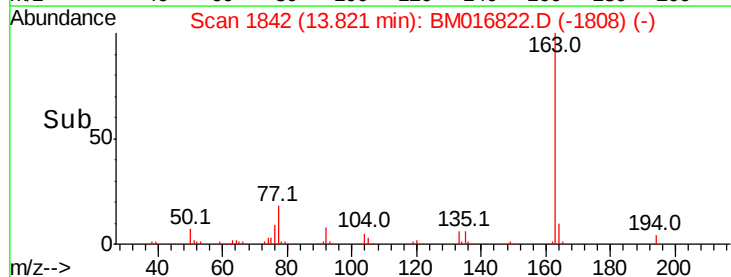
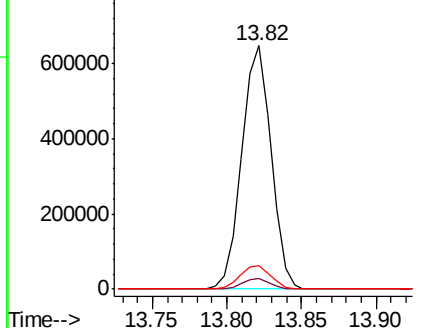
164 9.8 8.4 12.6

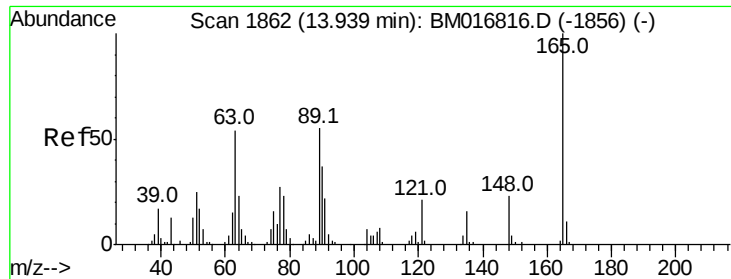


Abundance Ion 163.00 (162.70 to 163.70): BM016822.D (-1808) (-)

Ion 194.00 (193.70 to 194.70): BM016822.D (-1808) (-)

Ion 164.00 (163.70 to 164.70): BM016822.D (-1808) (-)

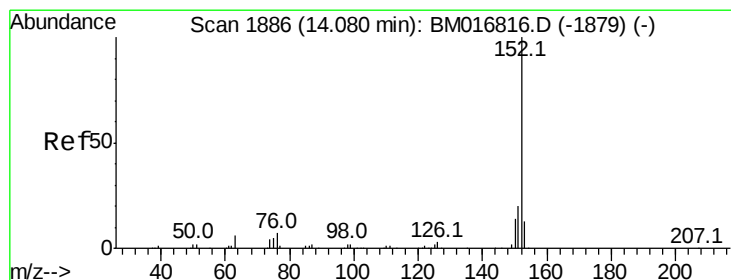
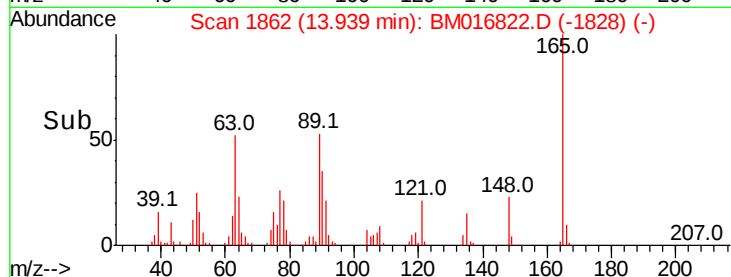
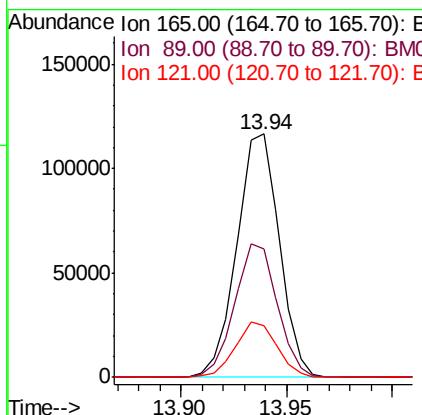
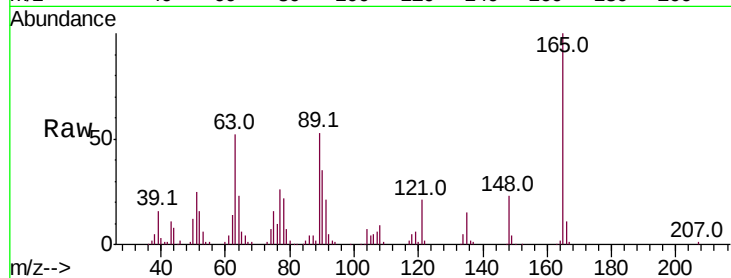




#46  
 2,6-Dinitrotoluene  
 Concen: 22.979 ng/ul  
 RT: 13.94 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

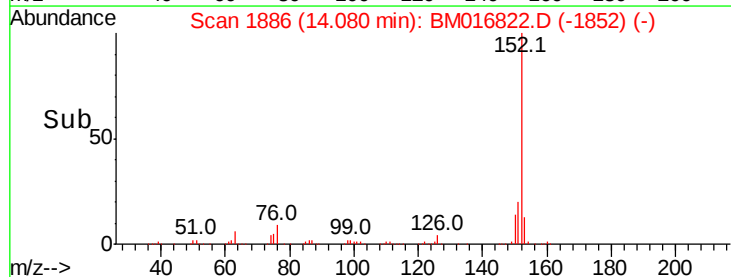
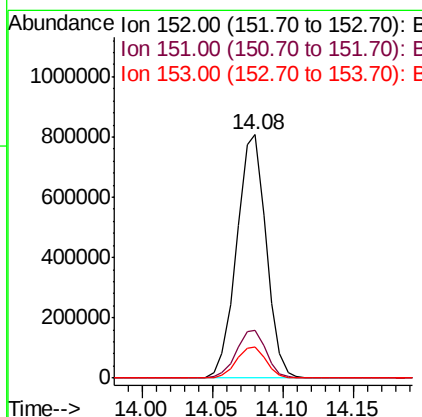
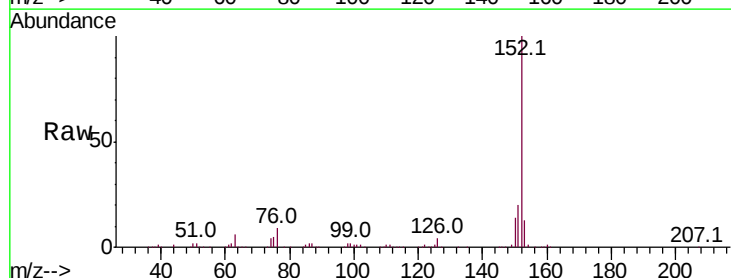
Instrument :  
 BNA\_M  
 ClientSampled :

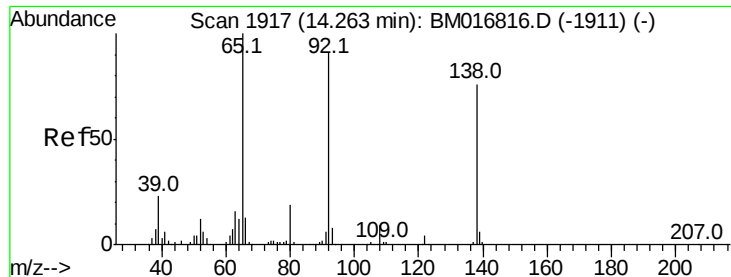
Tot Ion:165 Resp: 162810  
 Ion Ratio Lower Upper  
 165 100  
 89 52.9 43.8 65.8  
 121 21.0 17.8 26.6



#48  
 Acenaphthylene  
 Concen: 20.416 ng/ul  
 RT: 14.08 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

Tgt Ion:152 Resp: 1178078  
 Ion Ratio Lower Upper  
 152 100  
 151 19.9 16.1 24.1  
 153 12.9 10.8 16.2





#49

3-Nitroaniline

Concen: 21.119 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

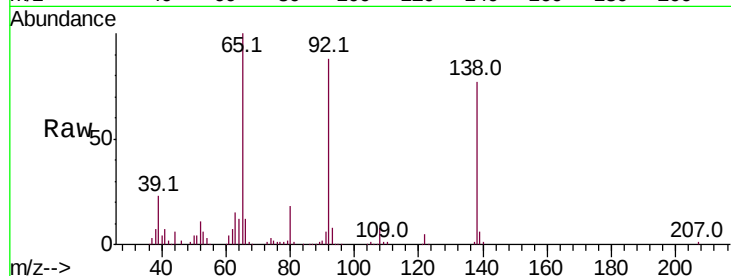
Tot Ion:138 Resp: 162713

Ion Ratio Lower Upper

138 100

108 10.8 7.6 11.4

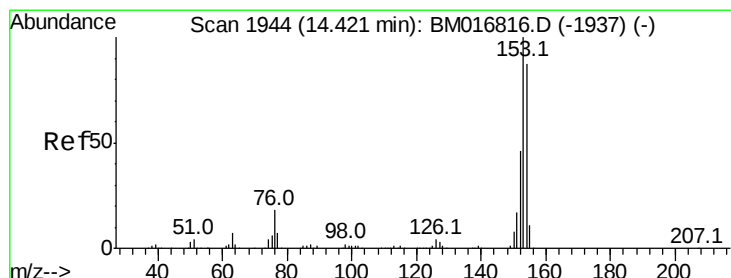
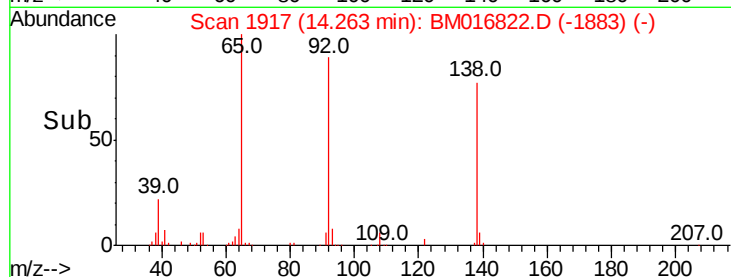
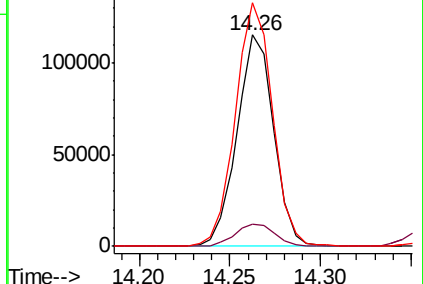
92 115.1 94.2 141.2



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): BM



#50

Acenaphthene

Concen: 20.382 ng/ul

RT: 14.42 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

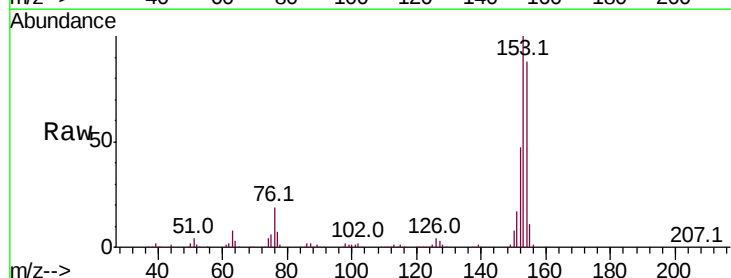
Tgt Ion:153 Resp: 835031

Ion Ratio Lower Upper

153 100

152 46.9 37.9 56.9

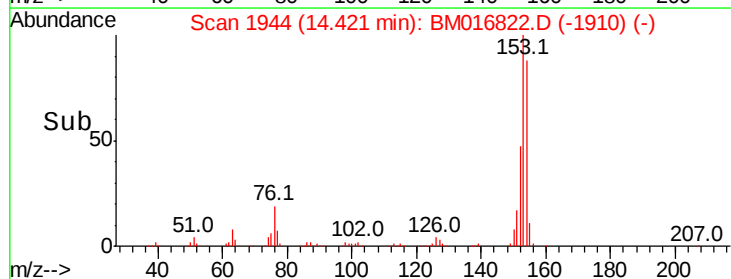
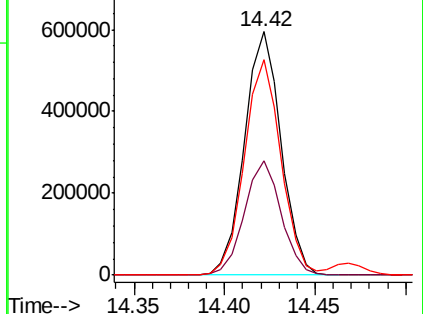
154 88.3 69.8 104.6

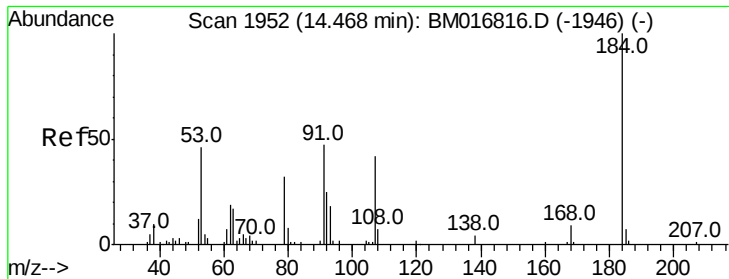


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#51

2,4-Dinitrophenol

Concen: 21.787 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

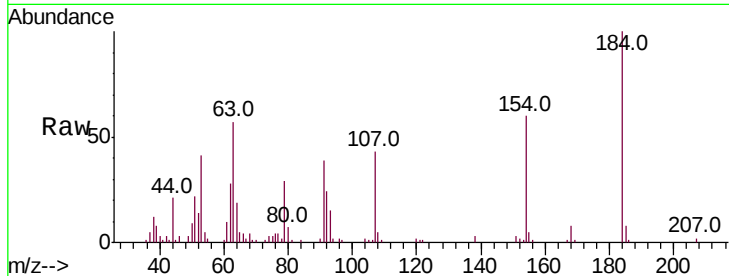
Tot Ion:184 Resp: 69051

Ion Ratio Lower Upper

184 100

63 57.2 39.7 59.5

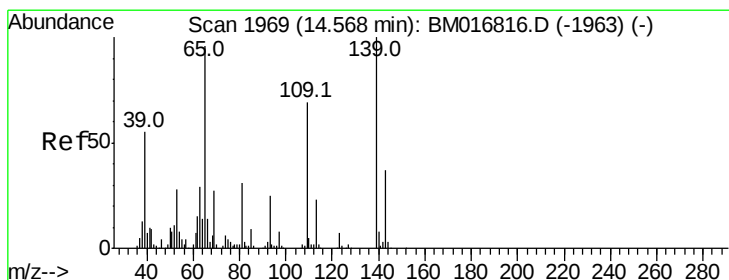
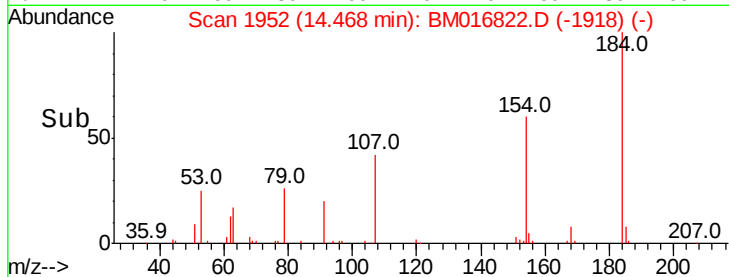
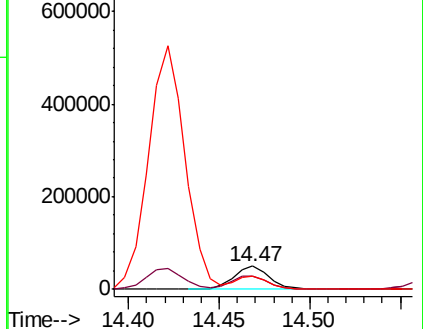
154 60.3 45.0 67.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 18.528 ng/ul

RT: 14.57 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

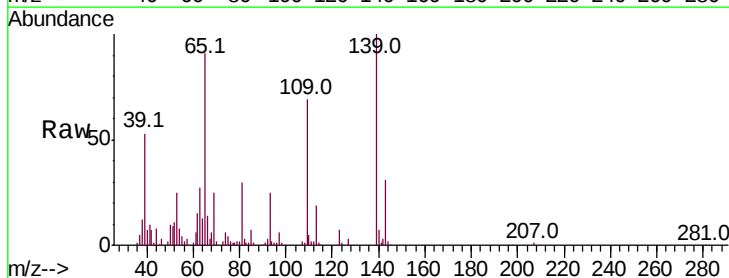
Tgt Ion:109 Resp: 110597

Ion Ratio Lower Upper

109 100

139 145.4 91.2 136.8#

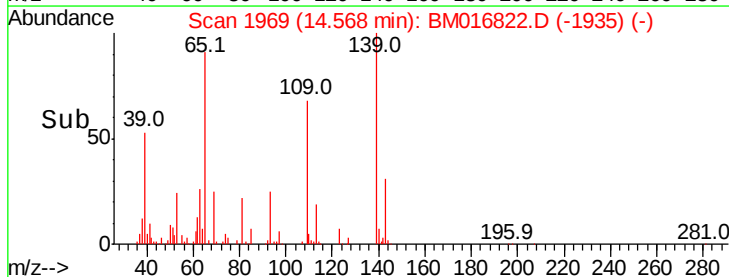
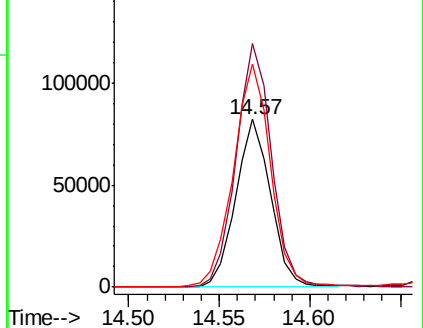
65 133.0 92.6 139.0

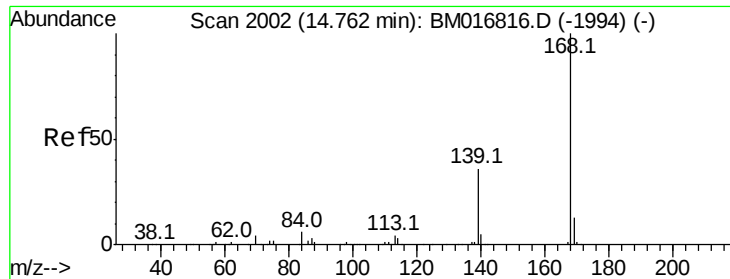


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzofuran

Concen: 20.673 ng/ul

RT: 14.76 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

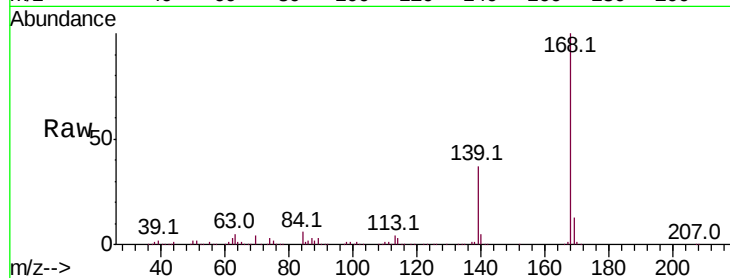
ClientSampleId :

Tot Ion:168 Resp: 1162017

Ion Ratio Lower Upper

168 100

139 37.4 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.76

800000

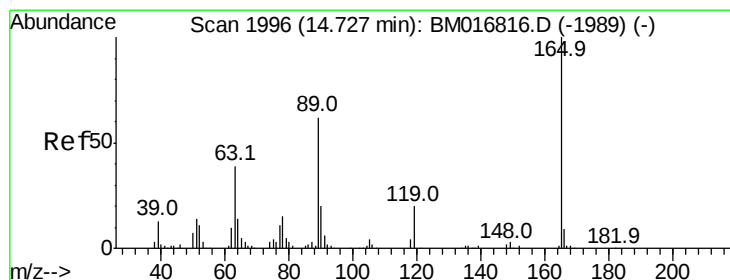
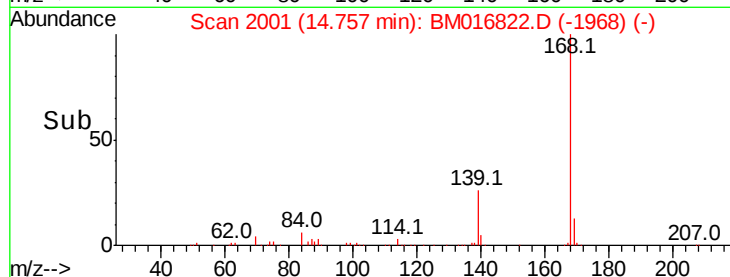
600000

400000

200000

0

Time-->



#55

2,4-Dinitrotoluene

Concen: 23.369 ng/ul

RT: 14.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

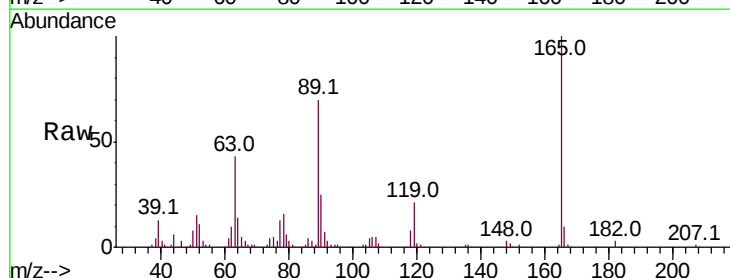
Tgt Ion:165 Resp: 243477

Ion Ratio Lower Upper

165 100

63 43.5 31.4 47.0

182 3.1 2.7 4.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

250000

200000

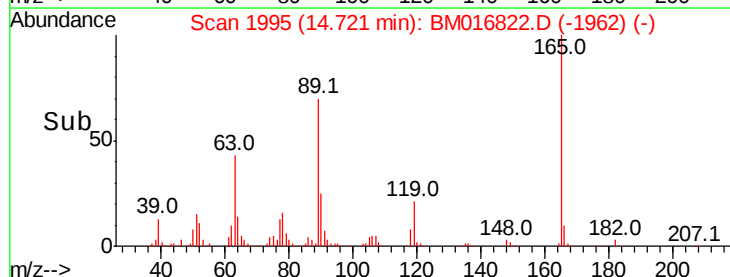
150000

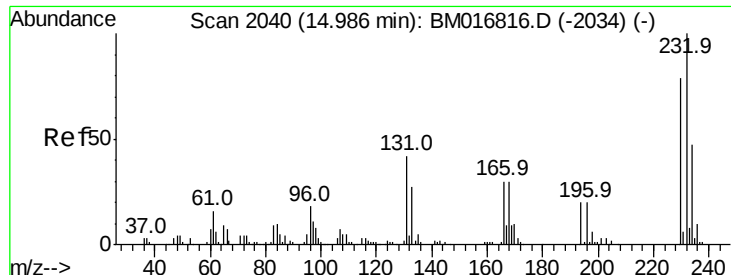
100000

50000

0

Time-->





#56

2,3,4,6-Tetrachlorophenol

Concen: 20.612 ng/ul

RT: 14.99 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:232 Resp: 209177

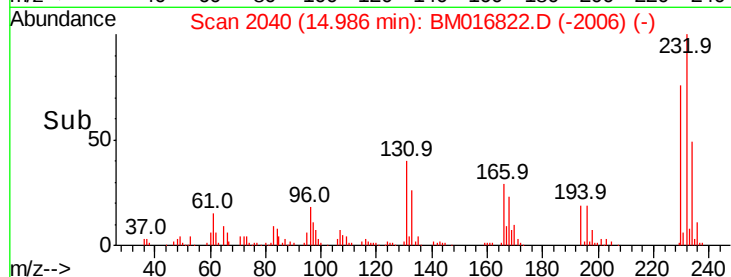
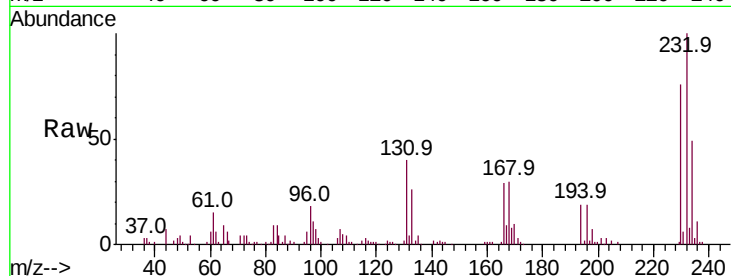
Ion Ratio Lower Upper

232 100

131 39.8 27.1 40.7

130 2.3 0.0 0.0#

166 29.4 20.0 30.0

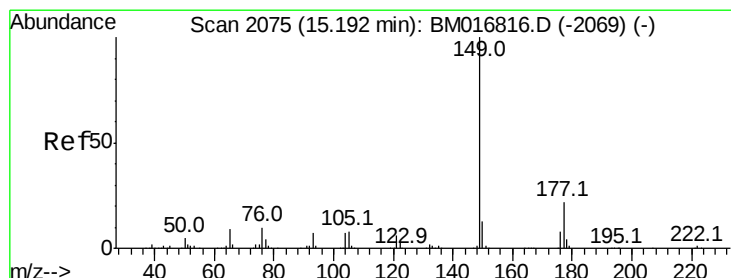
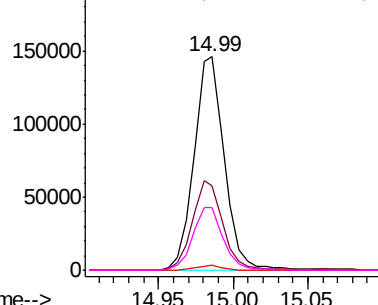


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 18.486 ng/ul

RT: 15.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

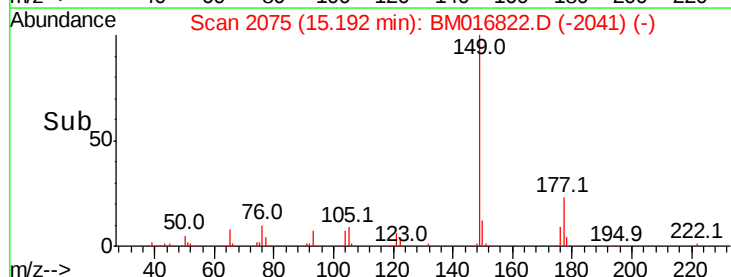
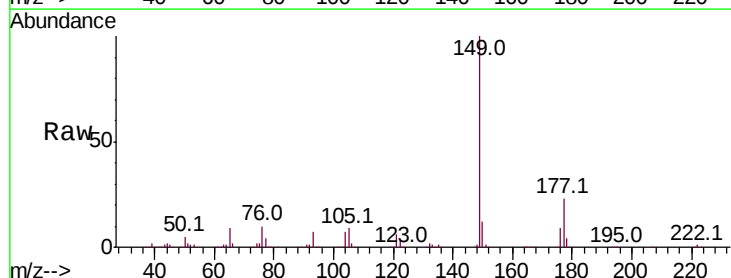
Tgt Ion:149 Resp: 844819

Ion Ratio Lower Upper

149 100

177 22.9 19.3 28.9

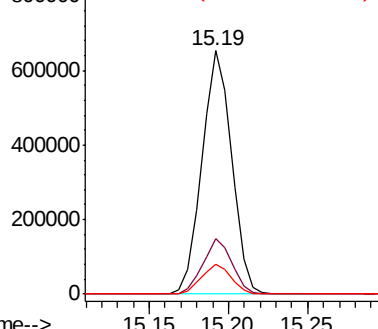
150 12.5 10.6 15.8

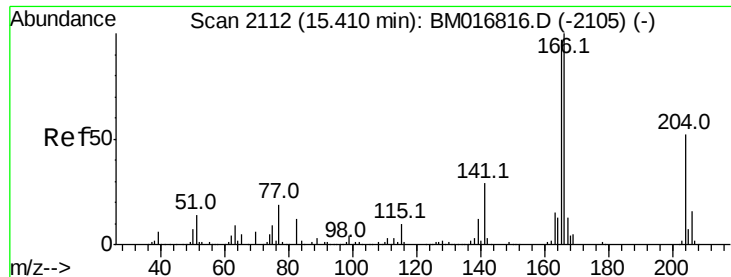


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 20.204 ng/ul

RT: 15.41 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampled :

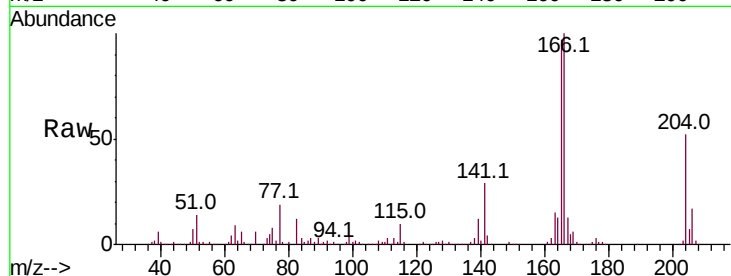
Tot Ion:166 Resp: 932998

Ion Ratio Lower Upper

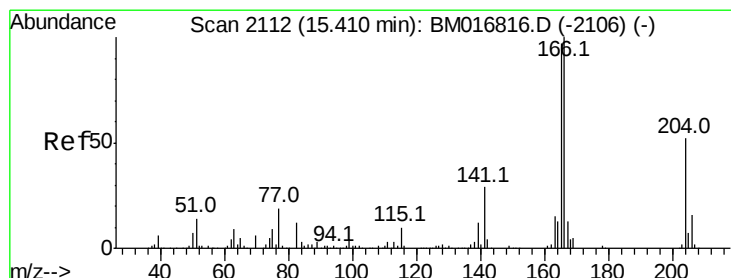
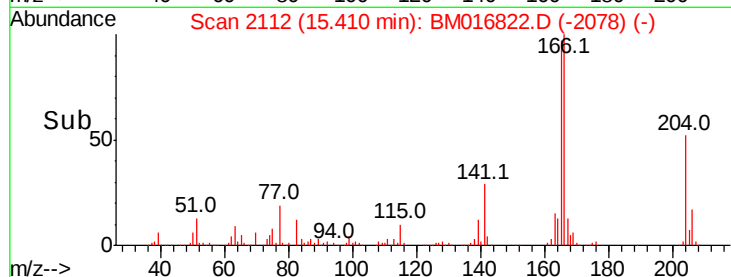
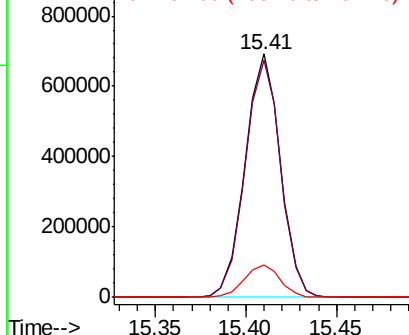
166 100

165 97.2 78.4 117.6

167 13.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 20.819 ng/ul

RT: 15.41 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

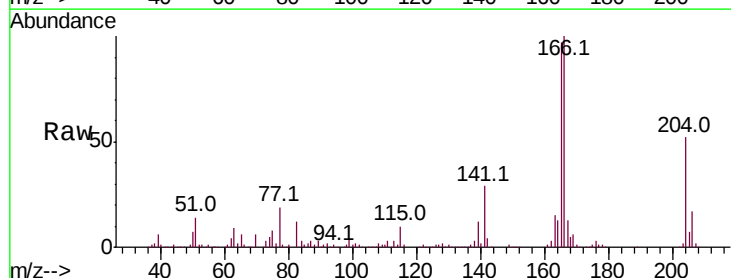
Tgt Ion:204 Resp: 487457

Ion Ratio Lower Upper

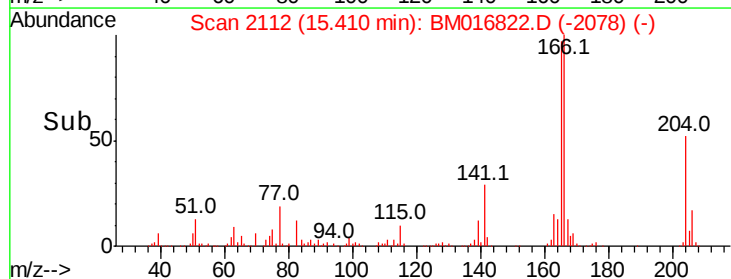
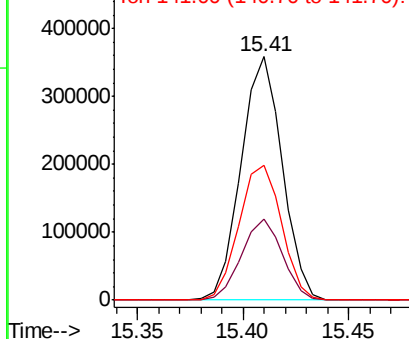
204 100

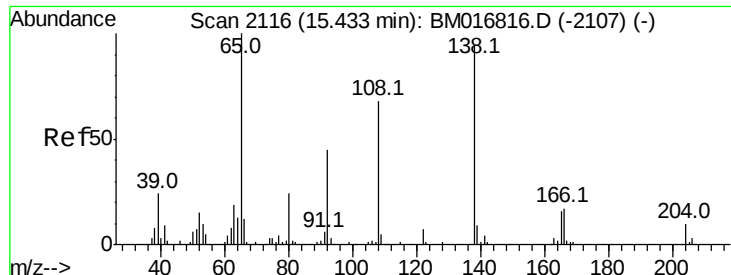
206 33.3 26.6 40.0

141 55.4 40.7 61.1



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

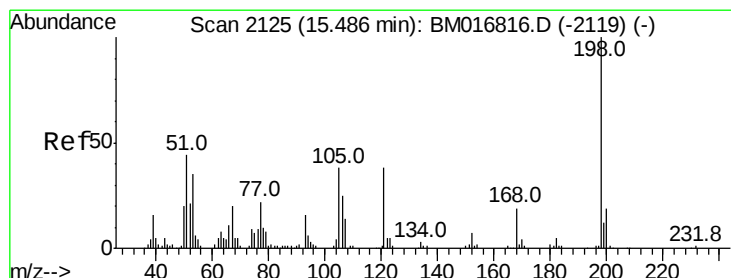
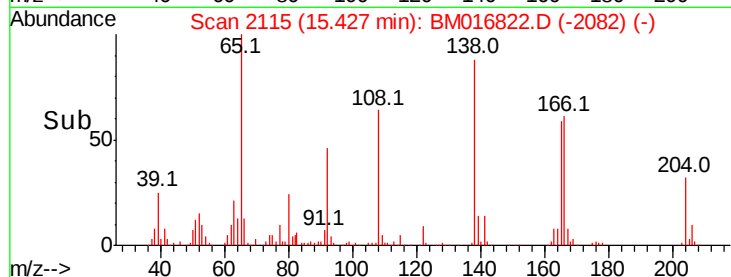
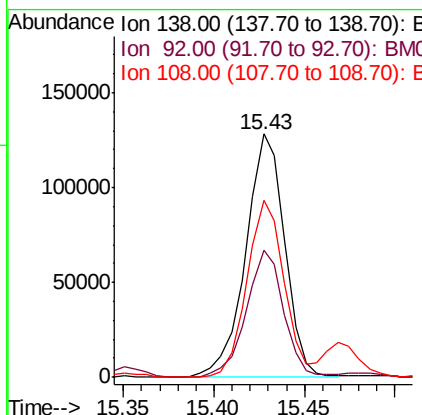
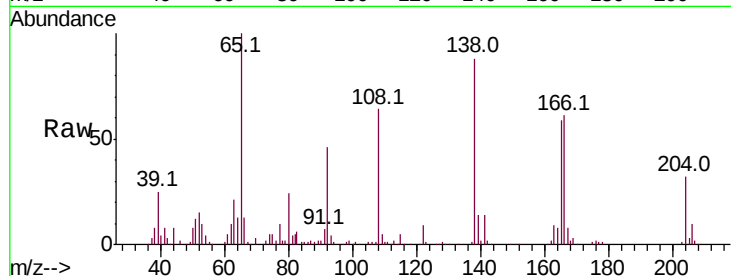




#61  
4-Nitroaniline  
Concen: 20.278 ng/ul  
RT: 15.43 min Scan# 2115  
Delta R.T. -0.01 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

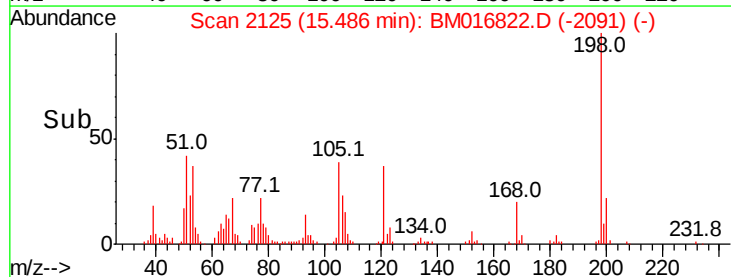
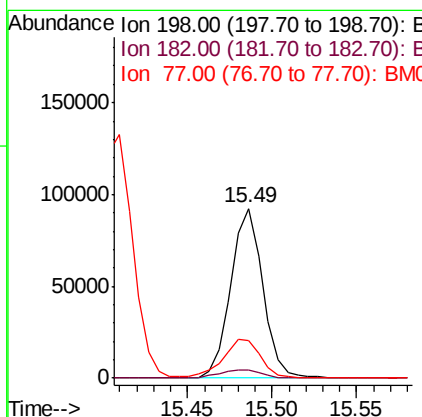
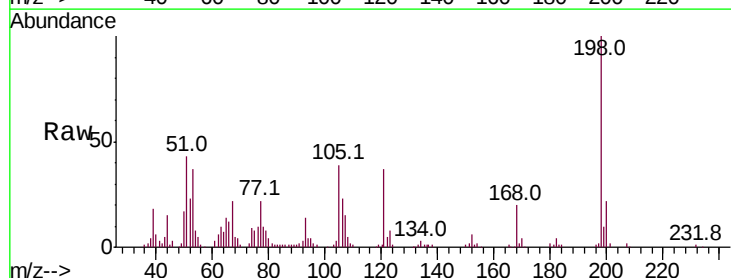
Instrument :  
BNA\_M  
ClientSampleId :

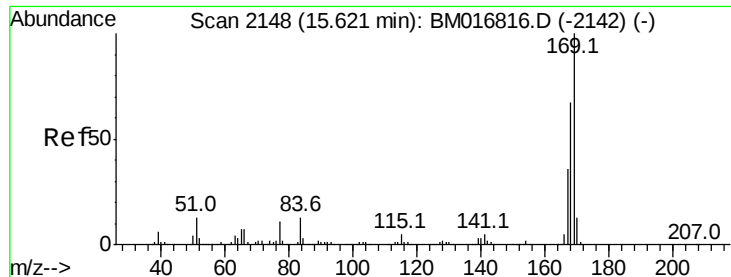
Tot Ion:138 Resp: 191916  
Ion Ratio Lower Upper  
138 100  
92 52.2 38.2 57.4  
108 72.6 70.0 105.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 21.163 ng/ul  
RT: 15.49 min Scan# 2125  
Delta R.T. 0.00 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Tgt Ion:198 Resp: 122061  
Ion Ratio Lower Upper  
198 100  
182 4.4 3.5 5.3  
77 22.4 18.2 27.4





#65

N-Nitrosodiphenylamine

Concen: 20.383 ng/ul

RT: 15.62 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

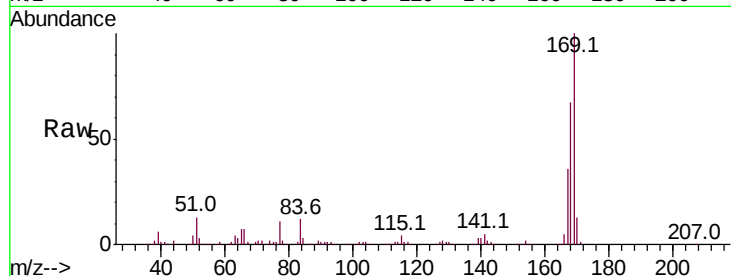
Tot Ion:169 Resp: 790020

Ion Ratio Lower Upper

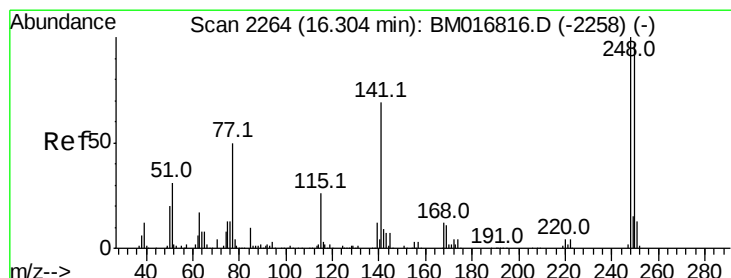
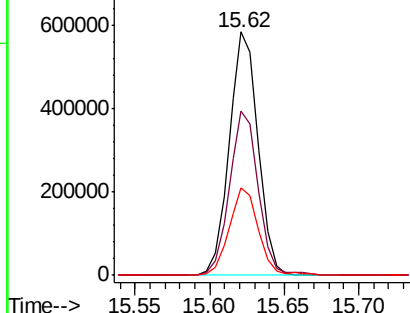
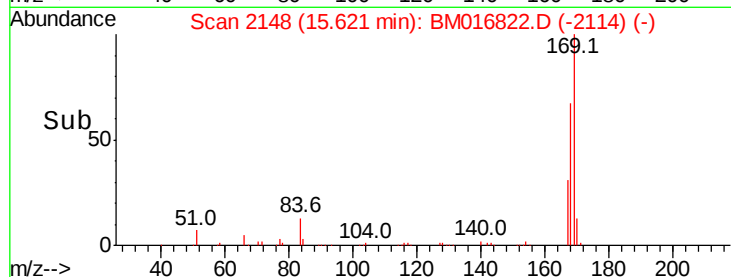
169 100

168 67.4 53.8 80.8

167 36.0 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 20.705 ng/ul

RT: 16.30 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

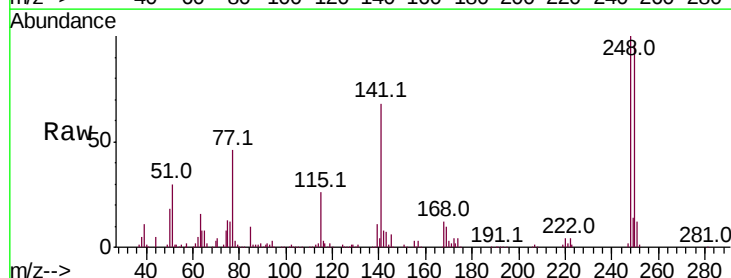
Tgt Ion:248 Resp: 293520

Ion Ratio Lower Upper

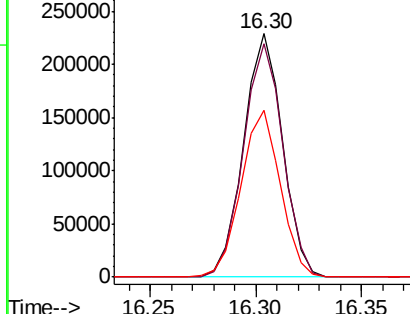
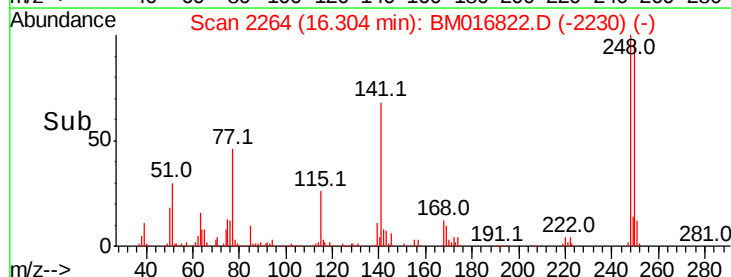
248 100

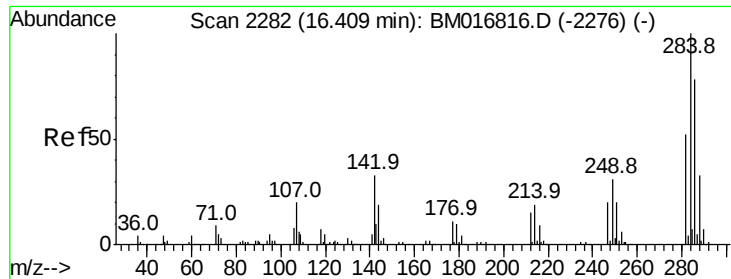
250 95.9 79.0 118.4

141 68.3 51.9 77.9



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

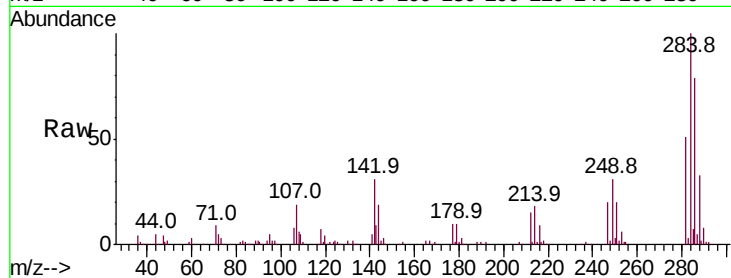




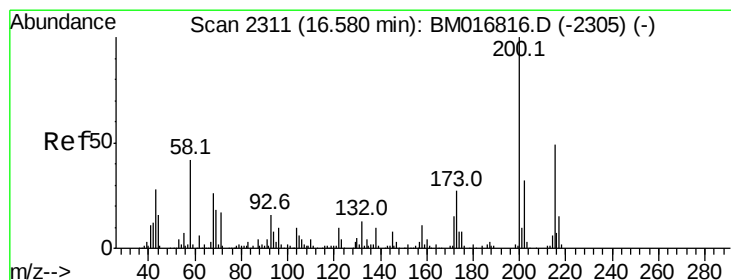
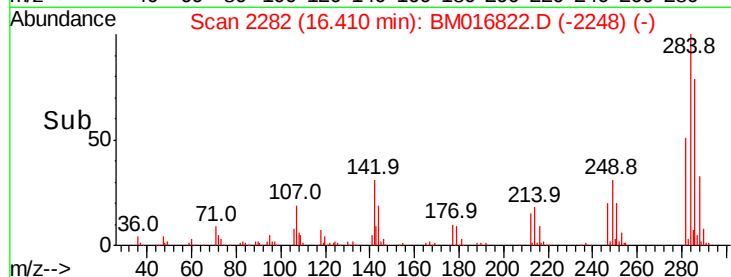
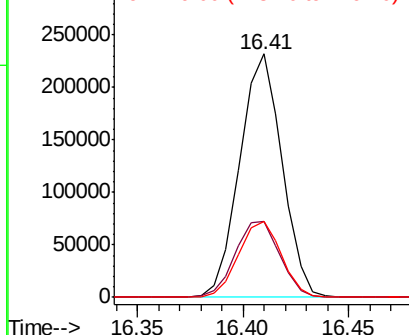
#67  
Hexachlorobenzene  
Concen: 21.129 ng/ul  
RT: 16.41 min Scan# 2282  
Delta R.T. 0.00 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:284 Resp: 322360  
Ion Ratio Lower Upper  
284 100  
142 31.3 21.3 31.9  
249 31.0 26.3 39.5

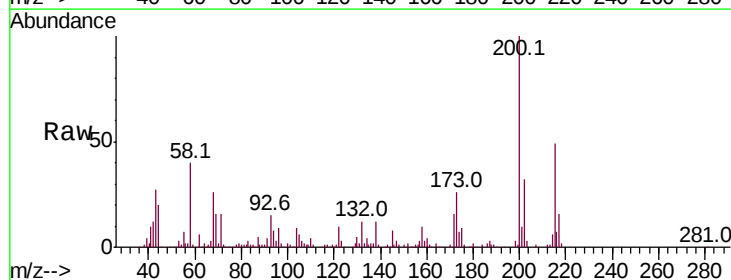


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

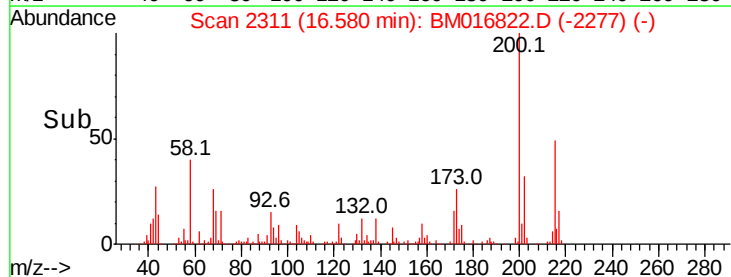
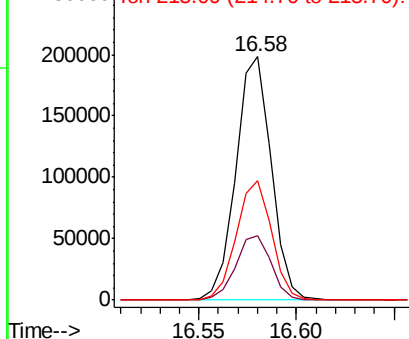


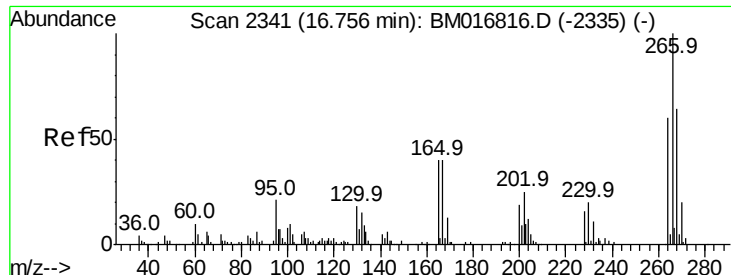
#68  
Atrazine  
Concen: 18.169 ng/ul  
RT: 16.58 min Scan# 2311  
Delta R.T. 0.00 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Tgt Ion:200 Resp: 248882  
Ion Ratio Lower Upper  
200 100  
173 26.4 20.6 31.0  
215 48.9 39.8 59.6



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

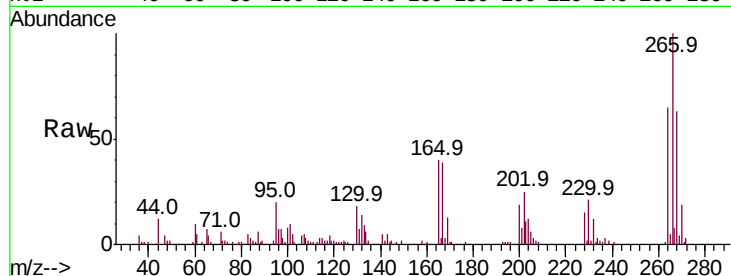




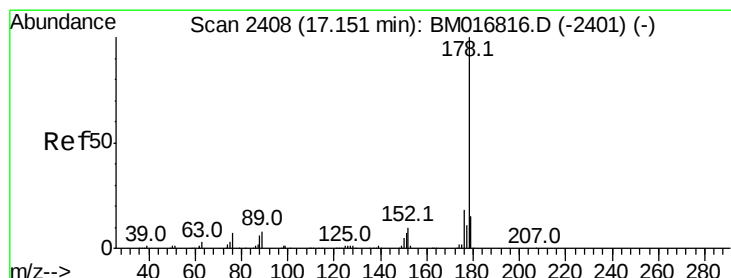
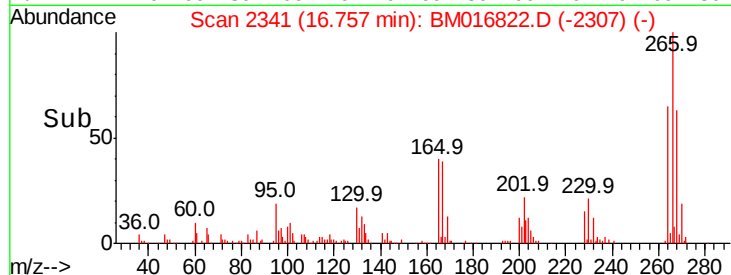
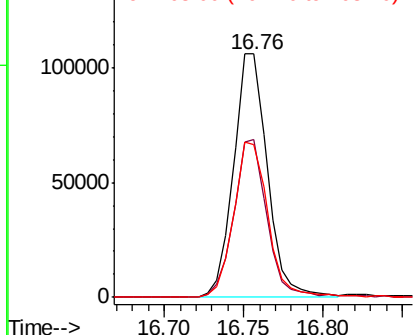
#69  
 Pentachlorophenol  
 Concen: 19.134 ng/ul  
 RT: 16.76 min Scan# 2341  
 Delta R.T. 0.00 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 65.0  | 48.2  | 72.4  |
| 268     | 62.6  | 52.3  | 78.5  |

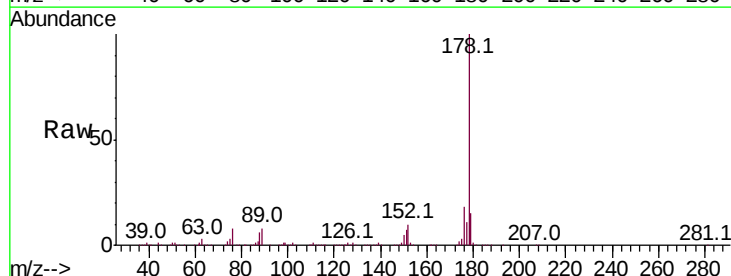


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

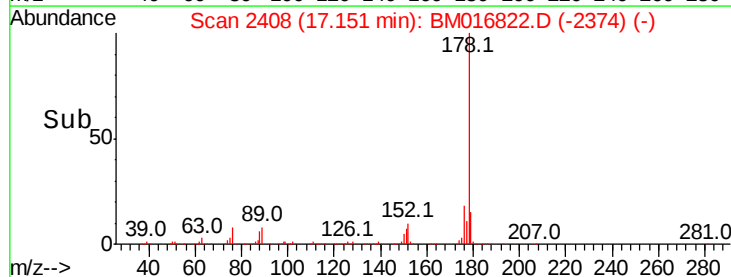
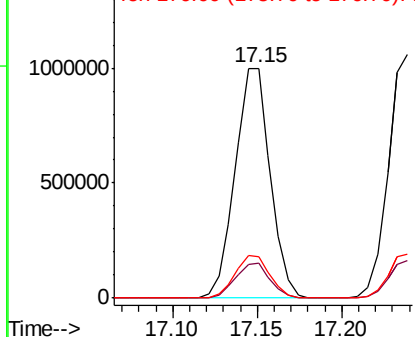


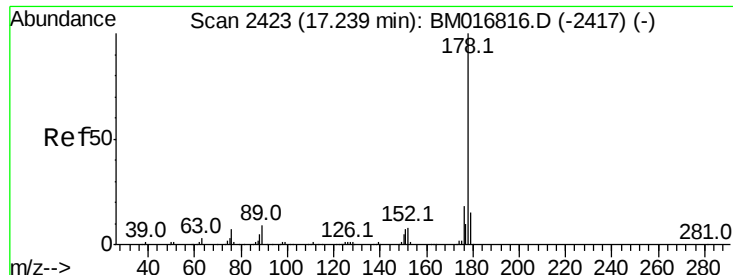
#70  
 Phenanthrene  
 Concen: 20.762 ng/ul  
 RT: 17.15 min Scan# 2408  
 Delta R.T. 0.00 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.0  | 12.3  | 18.5  |
| 176     | 18.2  | 15.4  | 23.0  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 176.00 (175.70 to 176.70): E



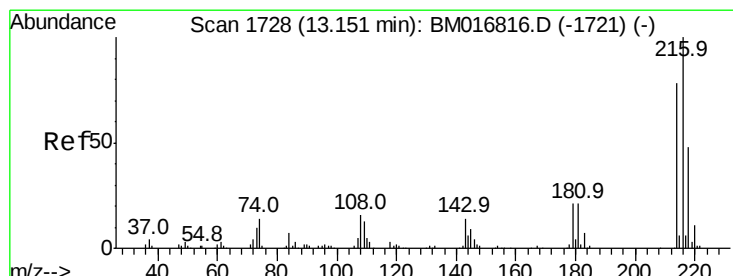
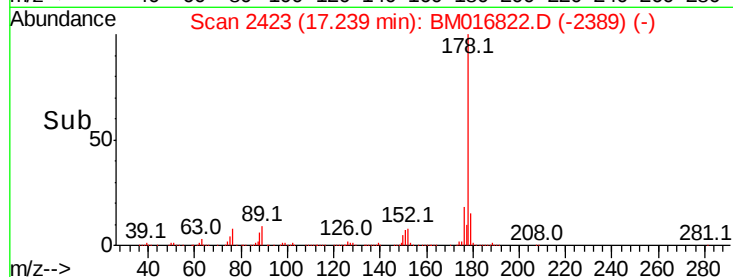
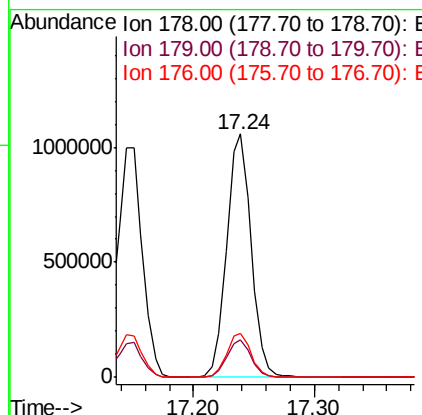
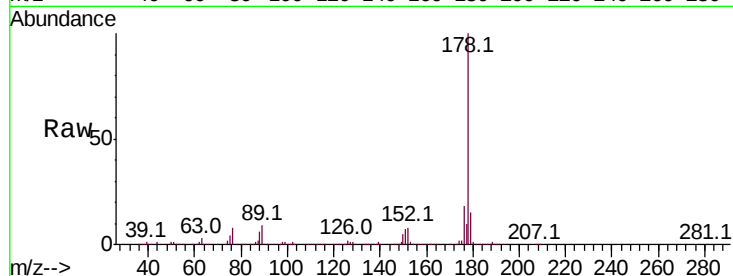


#72  
 Anthracene  
 Concen: 20.691 ng/ul  
 RT: 17.24 min Scan# 2423  
 Delta R.T. 0.00 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:178 Resp: 1478441  

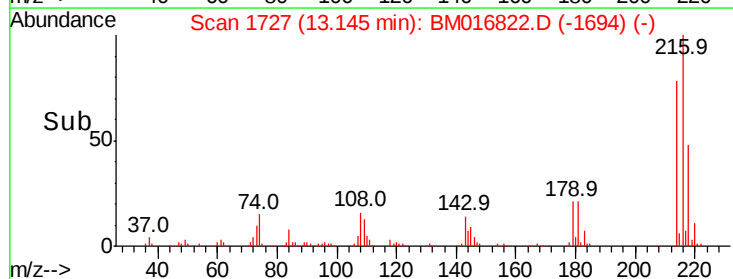
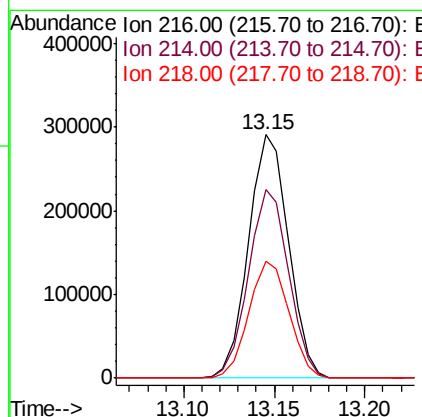
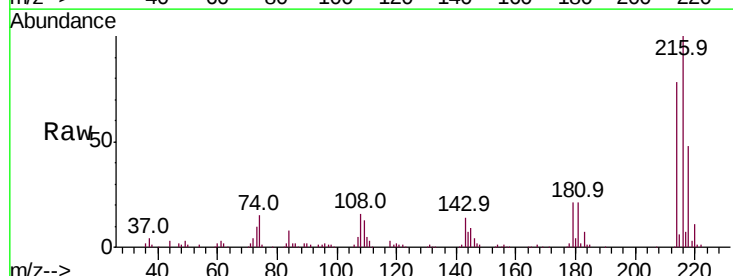
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 13.4  | 20.2  |
| 176 | 18.1  | 15.4  | 23.0  |

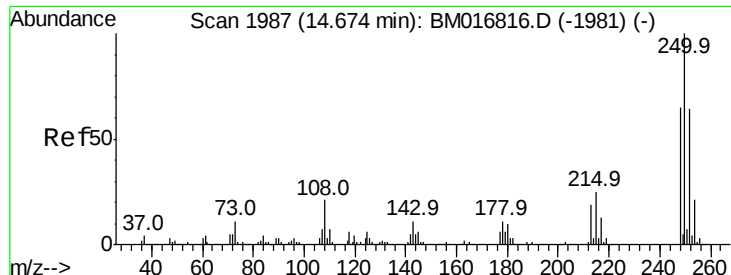


#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 21.546 ng/uL  
 RT: 13.15 min Scan# 1727  
 Delta R.T. -0.01 min  
 Lab File: BM016822.D  
 Acq: 21 Sep 2018 08:55

Tgt Ion:216 Resp: 446819  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.5  | 64.1  | 96.1  |
| 218 | 48.0  | 39.4  | 59.0  |





#74

Pentachlorobenzene

Concen: 21.664 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

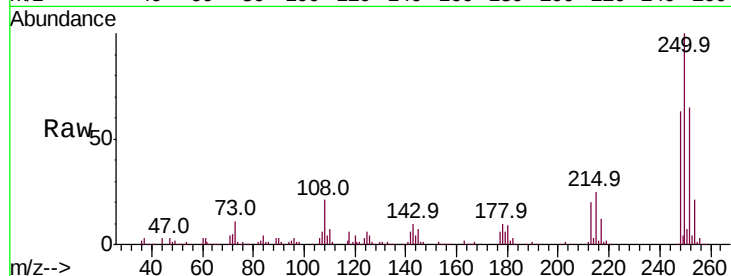
Tot Ion:250 Resp: 405260

Ion Ratio Lower Upper

250 100

248 63.0 51.4 77.2

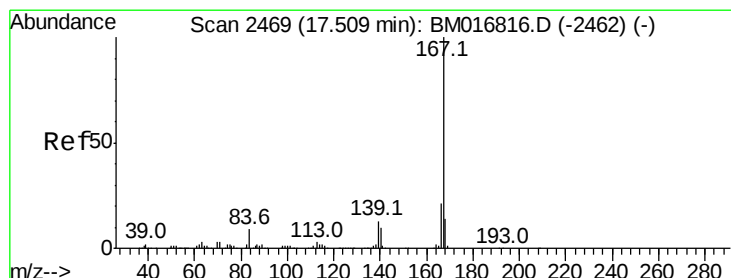
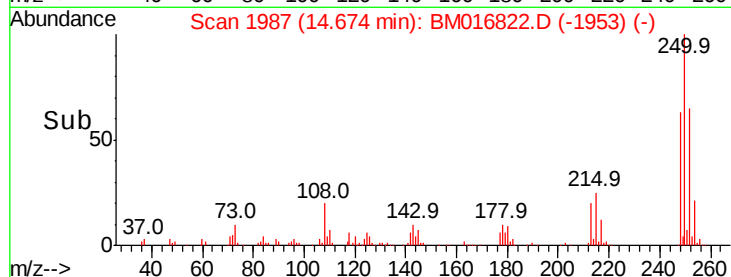
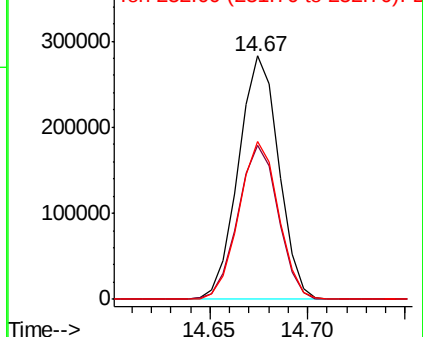
252 65.0 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 19.942 ng/uL

RT: 17.51 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

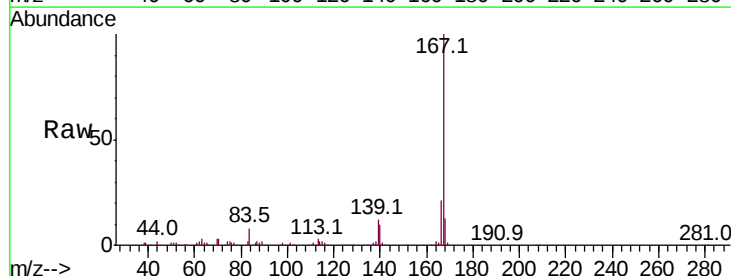
Tgt Ion:167 Resp: 1252639

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

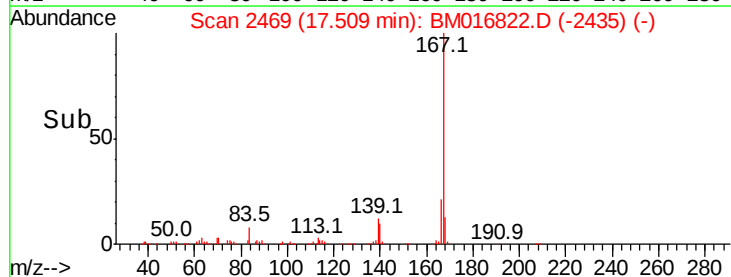
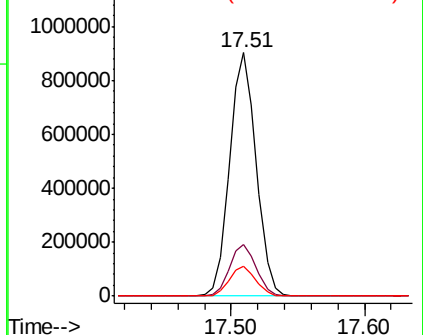
139 12.3 9.1 13.7

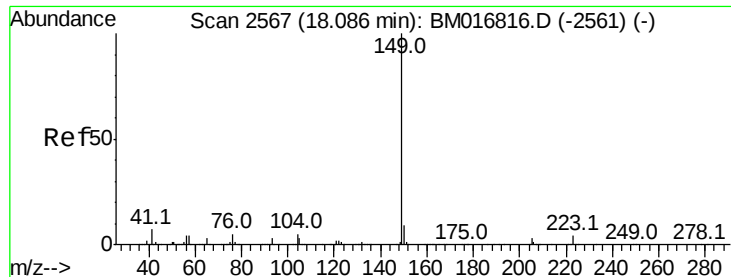


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

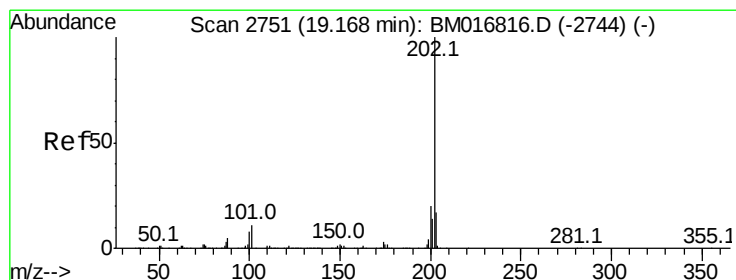
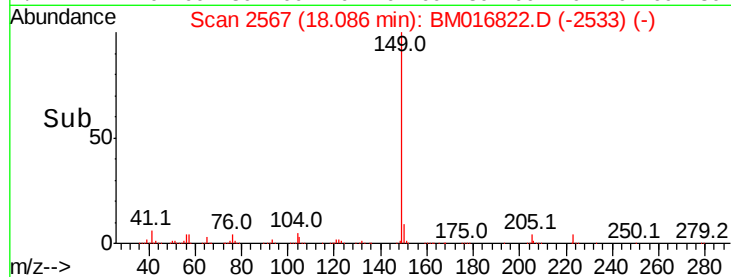
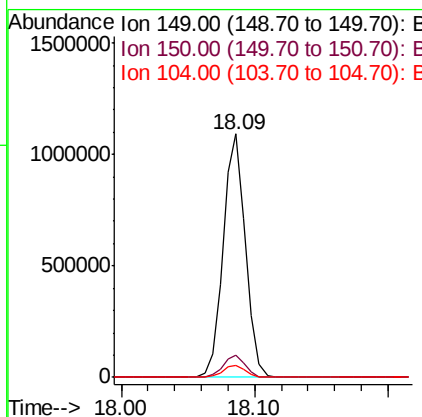
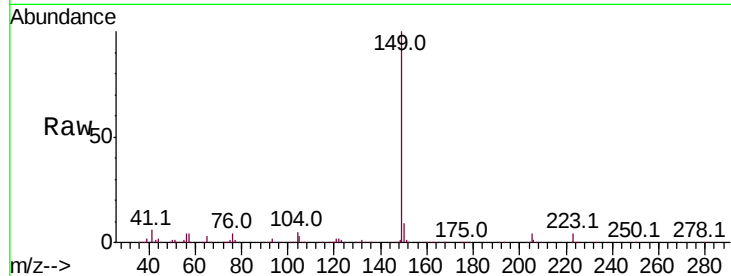




#76  
Di-n-butylphthalate  
Concen: 17.539 ng/ul  
RT: 18.09 min Scan# 2567  
Delta R.T. 0.00 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

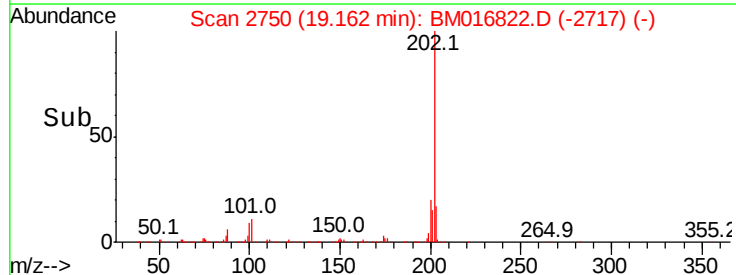
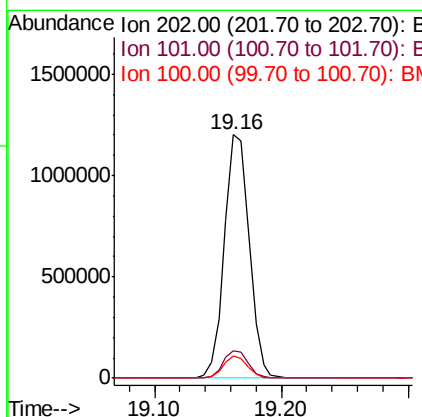
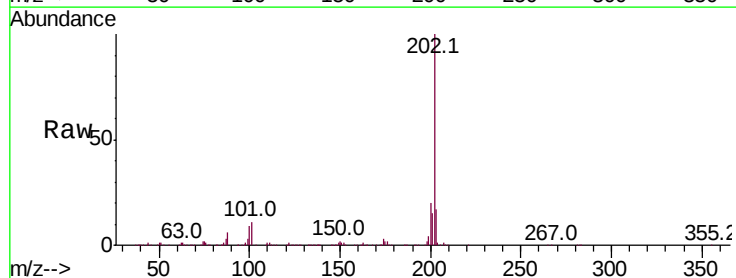
Instrument :  
BNA\_M  
ClientSampled :

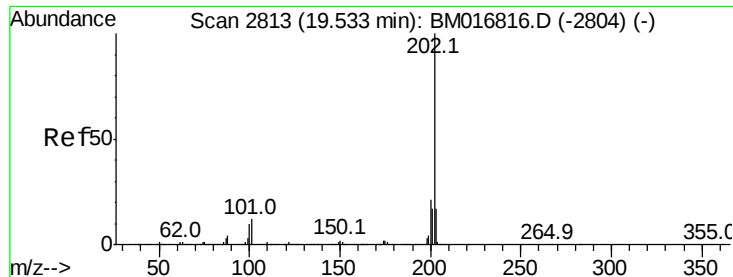
Tot Ion:149 Resp: 1281728  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.5 11.3  
104 4.8 4.1 6.1



#77  
Fluoranthene  
Concen: 20.448 ng/ul  
RT: 19.16 min Scan# 2750  
Delta R.T. -0.01 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Tgt Ion:202 Resp: 1631367  
Ion Ratio Lower Upper  
202 100  
101 11.3 6.1 9.1#  
100 8.9 4.6 7.0#

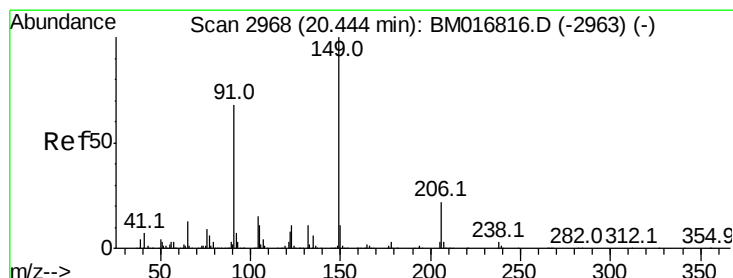
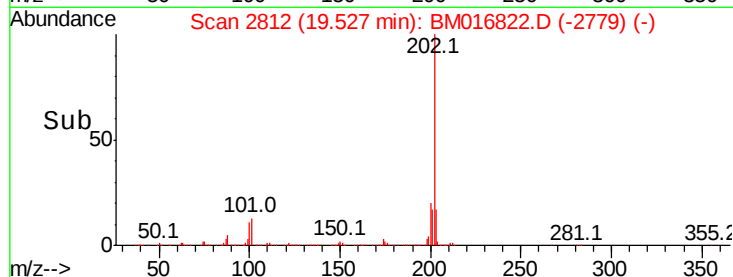
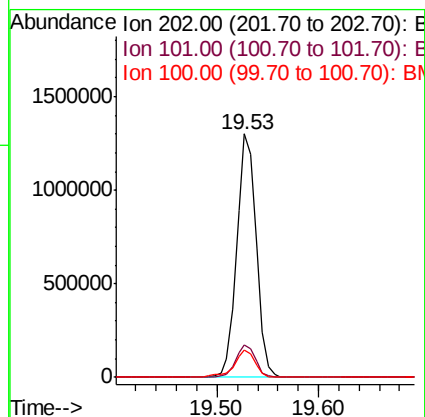
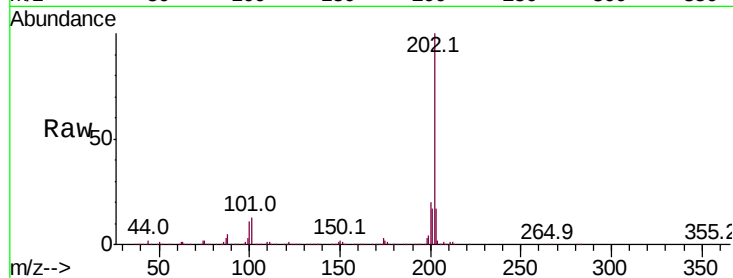




#80  
Pvrene  
Concen: 19.463 ng/ul  
RT: 19.53 min Scan# 2812  
Delta R.T. -0.01 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

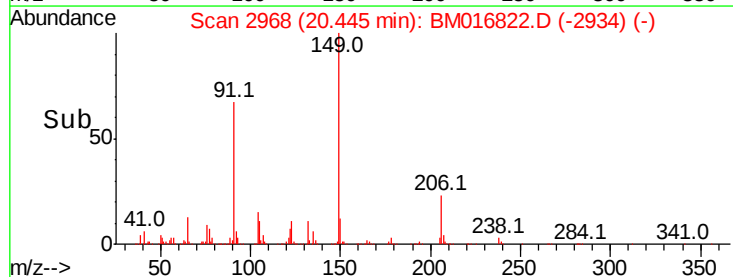
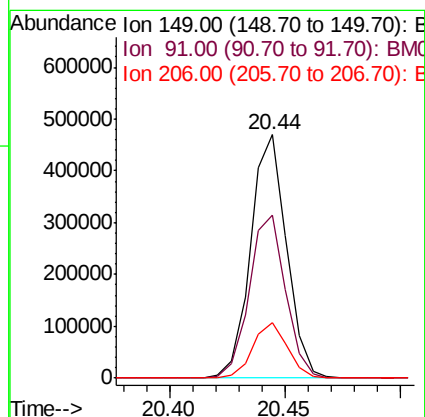
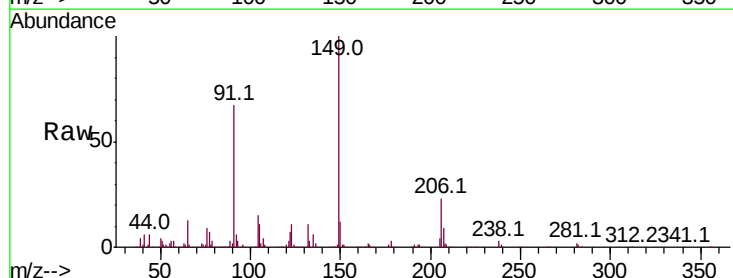
Instrument :  
BNA\_M  
ClientSampleId :

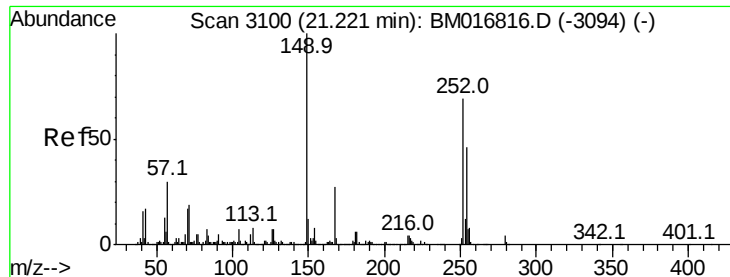
Tot Ion:202 Resp: 1730755  
Ion Ratio Lower Upper  
202 100  
101 13.3 6.9 10.3#  
100 11.0 5.6 8.4#



#81  
Butylbenzylphthalate  
Concen: 15.446 ng/ul  
RT: 20.44 min Scan# 2968  
Delta R.T. 0.00 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Tgt Ion:149 Resp: 507977  
Ion Ratio Lower Upper  
149 100  
91 66.9 53.4 80.0  
206 22.9 19.3 28.9





#82

3,3'-Dichlorobenzidine

Concen: 17.347 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

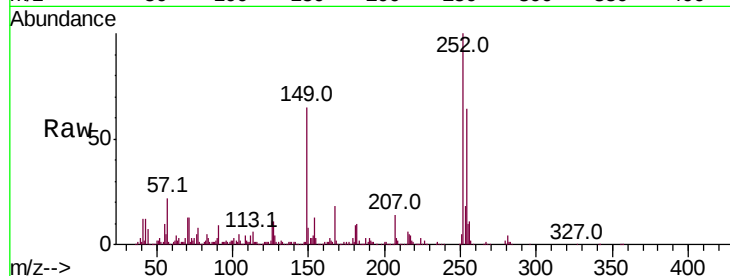
Tot Ion:252 Resp: 497672

Ion Ratio Lower Upper

252 100

254 64.3 52.8 79.2

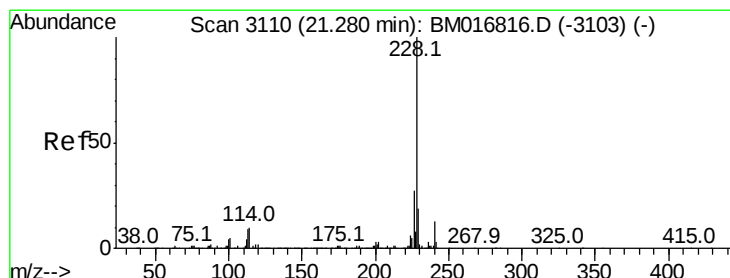
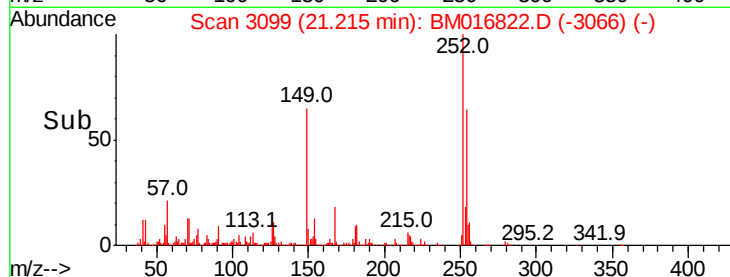
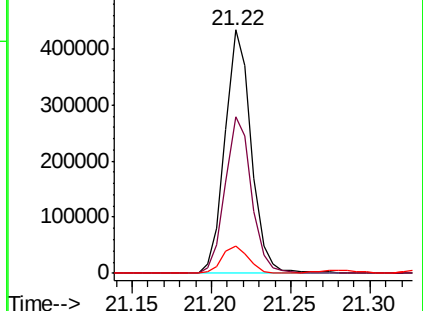
126 11.3 6.9 10.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 19.862 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

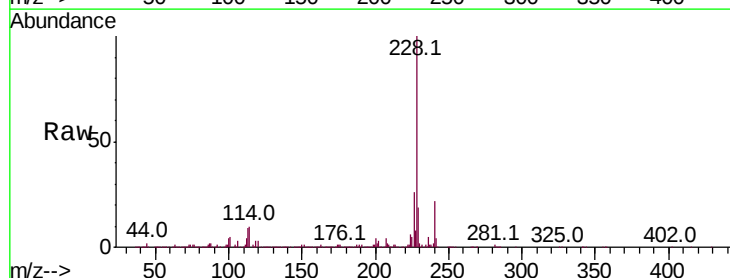
Tgt Ion:228 Resp: 1780756

Ion Ratio Lower Upper

228 100

229 19.4 16.0 24.0

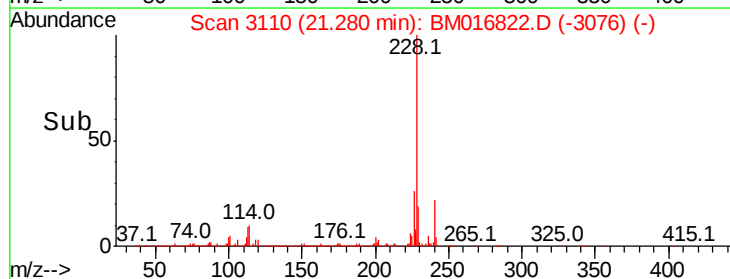
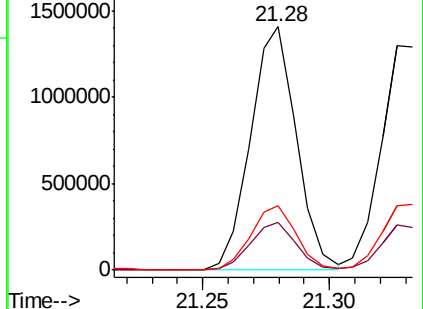
226 26.3 21.8 32.8

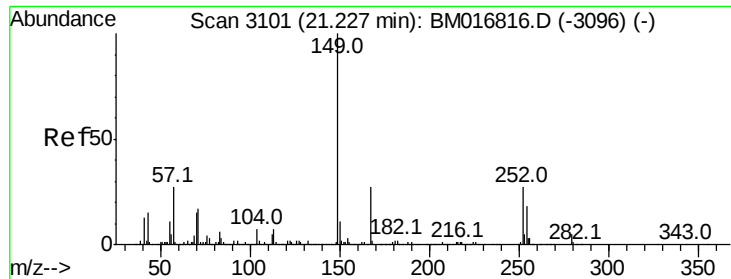


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 15.848 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

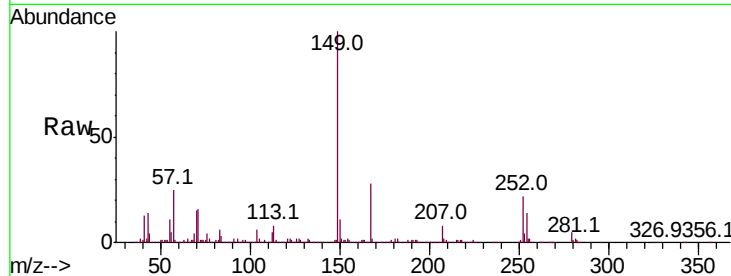
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:149 Resp: 819085

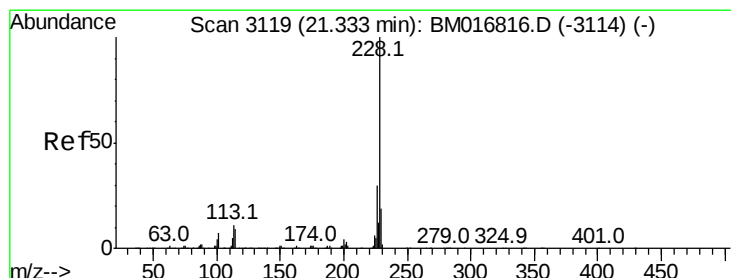
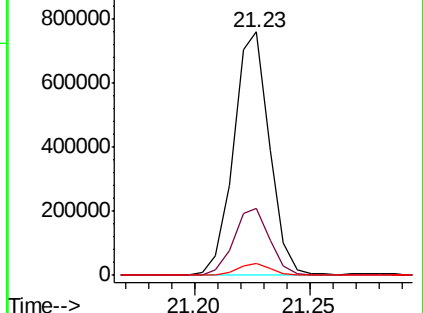
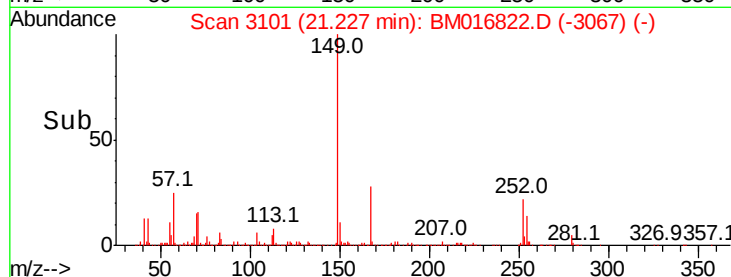
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.6  | 23.0  | 34.6  |
| 279 | 5.0   | 4.3   | 6.5   |



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



#85

Chrysene

Concen: 20.445 ng/ul

RT: 21.33 min Scan# 3118

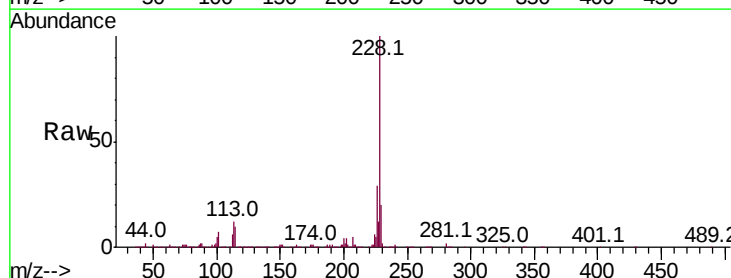
Delta R.T. -0.01 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Tgt Ion:228 Resp: 1709436

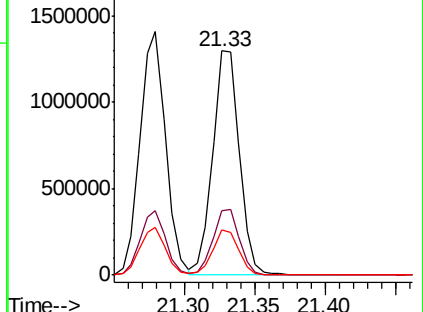
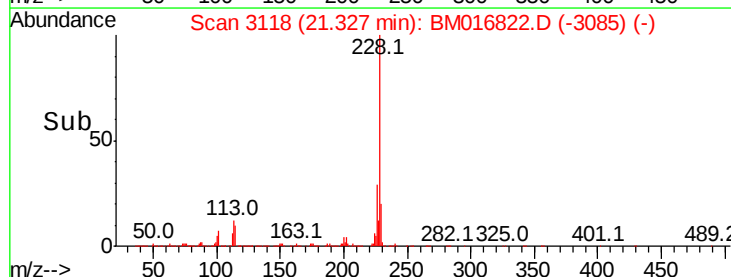
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.0  | 24.1  | 36.1  |
| 229 | 20.0  | 16.0  | 24.0  |

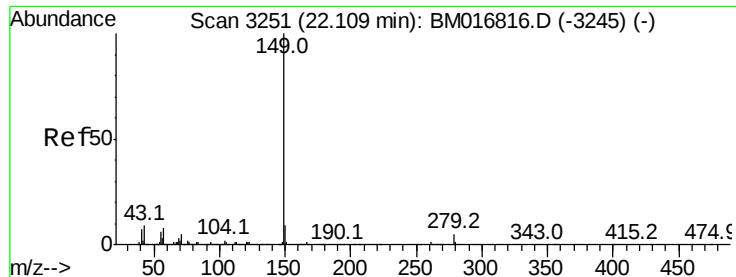


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

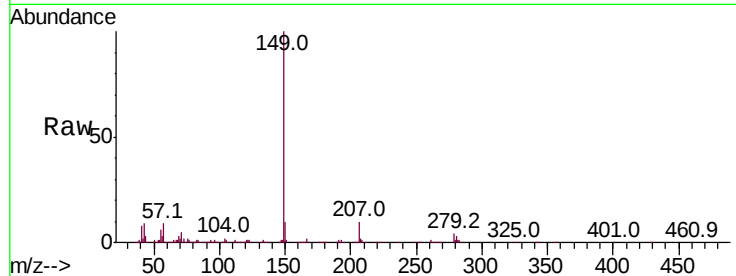




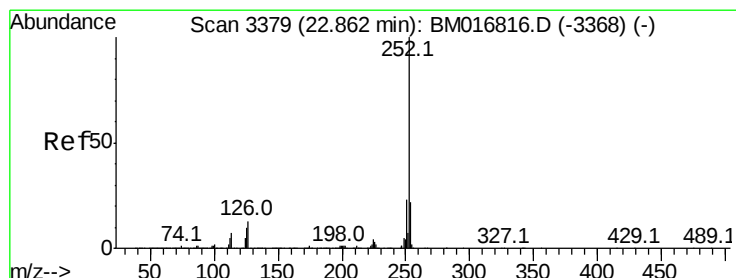
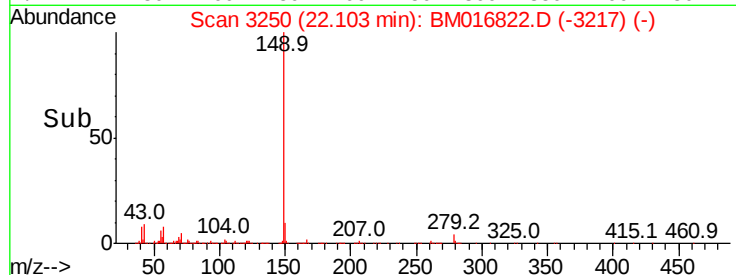
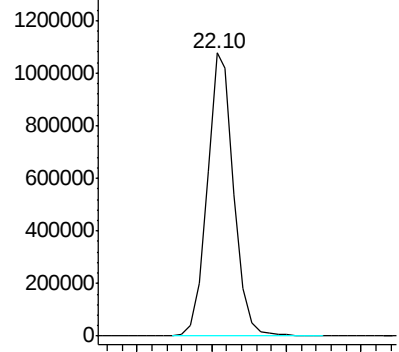
#87  
Di-n-octyl phthalate  
Concen: 14.728 ng/ul  
RT: 22.10 min Scan# 3250  
Delta R.T. -0.01 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:149 Resp: 1325484

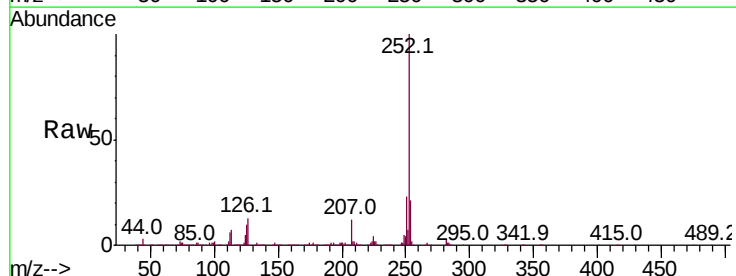


Abundance Ion 149.00 (148.70 to 149.70): E

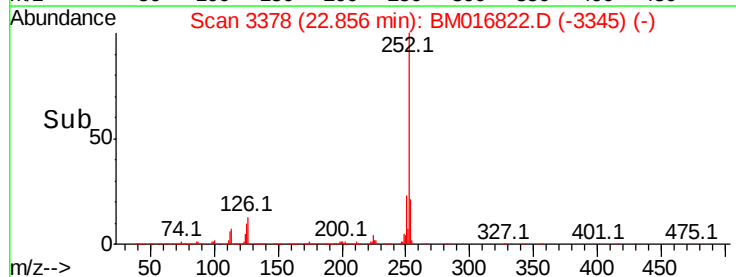
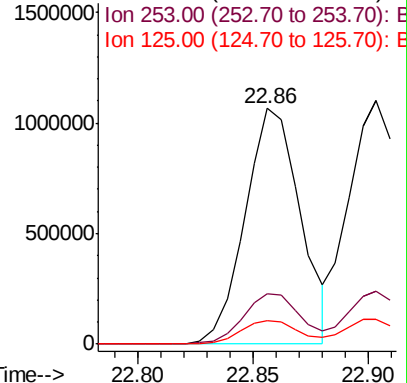


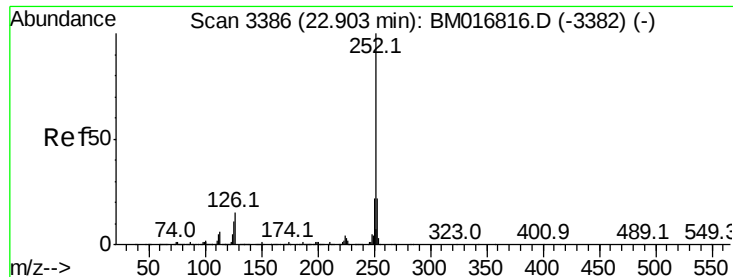
#88  
Benzo(b)fluoranthene  
Concen: 19.801 ng/ul  
RT: 22.86 min Scan# 3378  
Delta R.T. -0.01 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Tgt Ion:252 Resp: 1775351  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.4 26.0  
125 10.1 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 20.994 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampled :

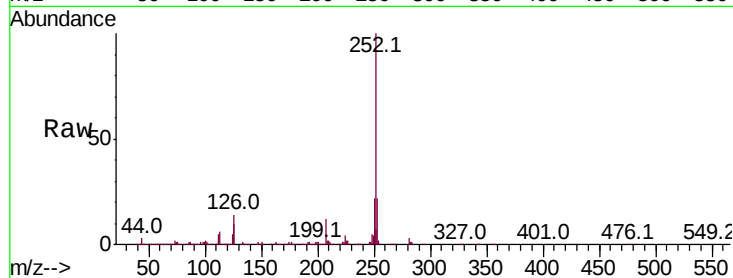
Tot Ion:252 Resp: 1807410

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

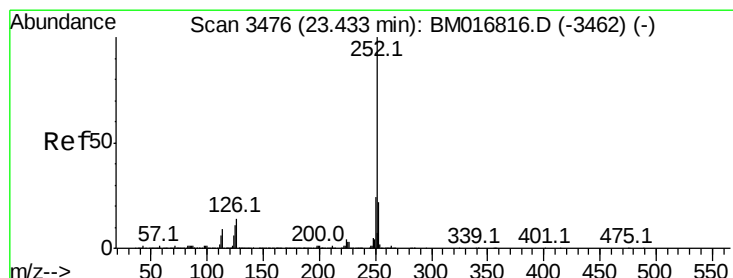
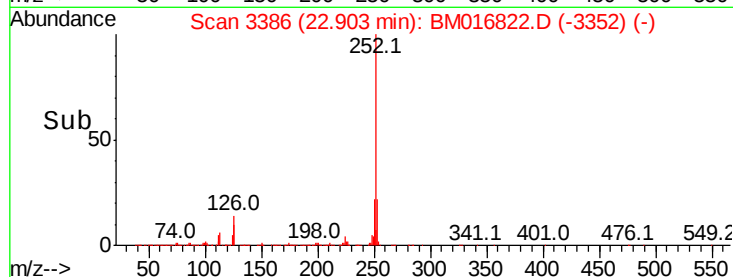
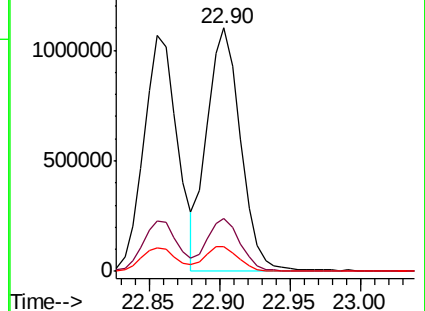
125 10.1 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 20.779 ng/ul

RT: 23.43 min Scan# 3476

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

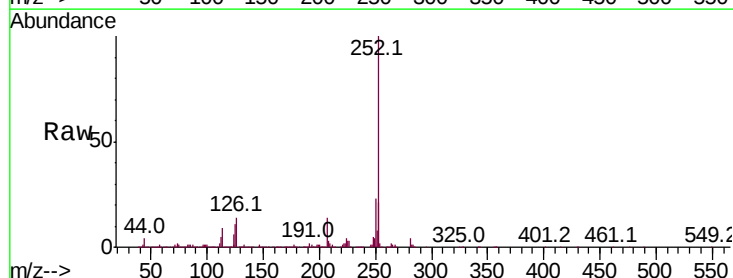
Tgt Ion:252 Resp: 1775815

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

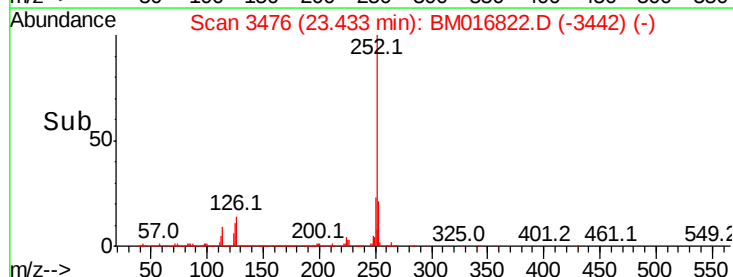
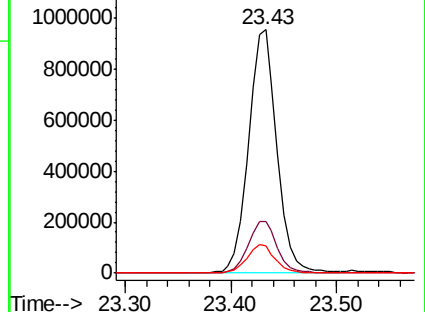
125 11.1 5.8 8.6#

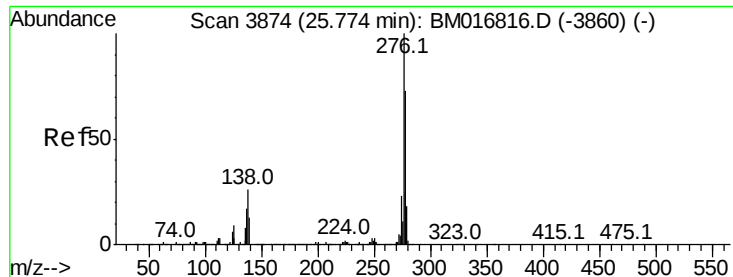


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



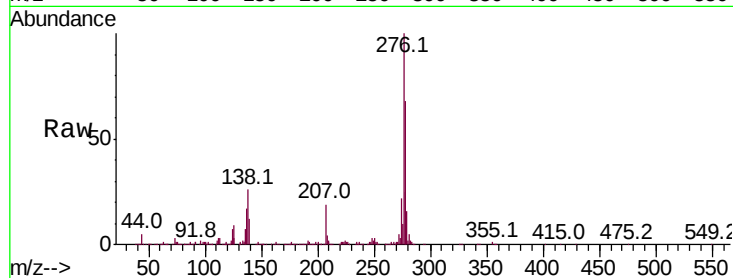


#92

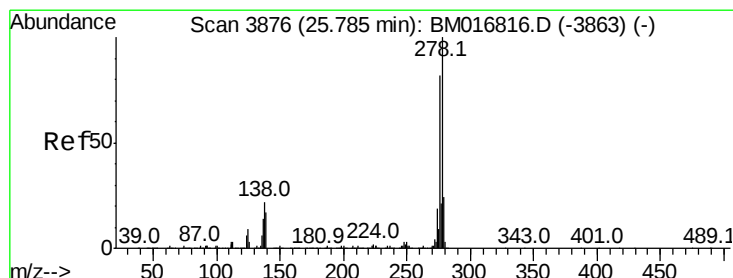
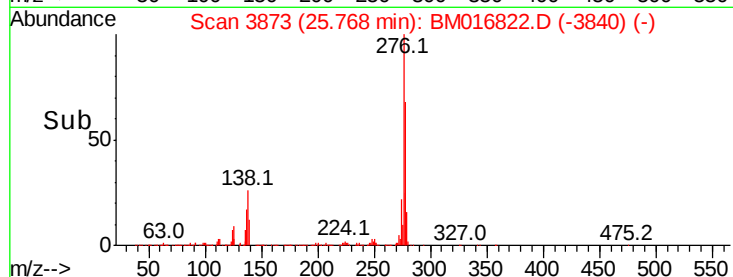
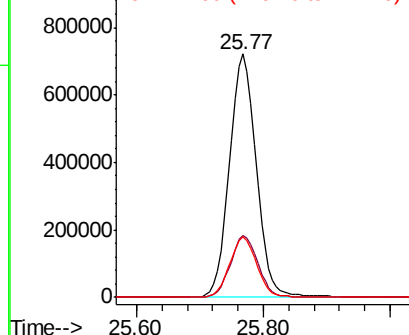
Indeno(1,2,3-cd)pyrene  
Concen: 20.636 ng/ul  
RT: 25.77 min Scan# 3873  
Delta R.T. -0.01 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:276 Resp: 2103742  
Ion Ratio Lower Upper  
276 100  
138 25.6 10.9 16.3#  
277 24.7 18.9 28.3



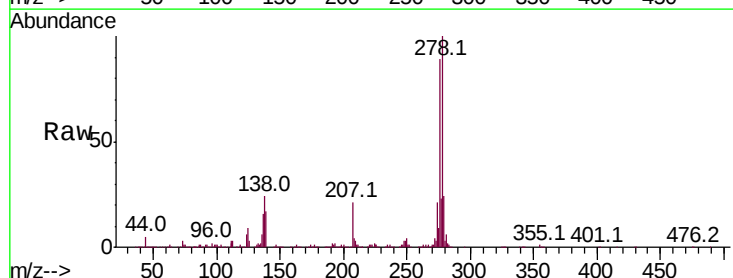
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



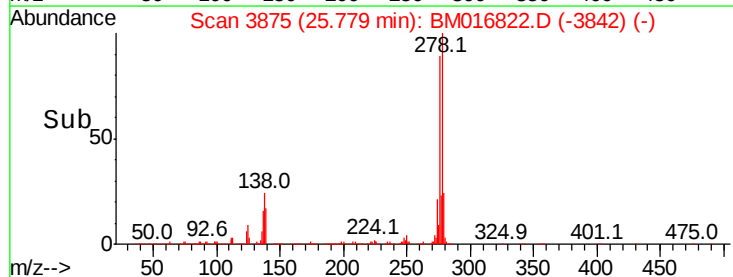
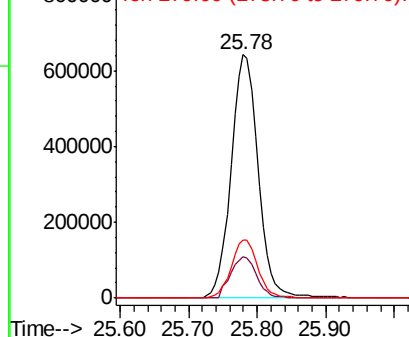
#93

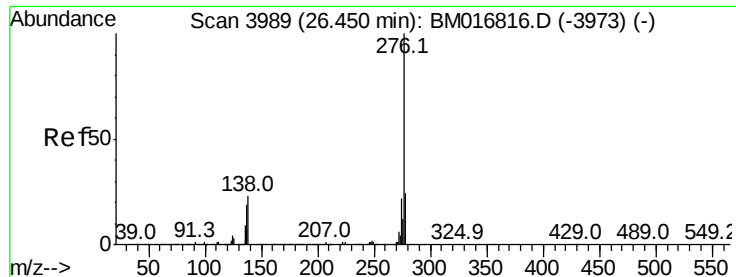
Dibenzo(a,h)anthracene  
Concen: 20.634 ng/ul  
RT: 25.78 min Scan# 3875  
Delta R.T. -0.01 min  
Lab File: BM016822.D  
Acq: 21 Sep 2018 08:55

Tgt Ion:278 Resp: 1759697  
Ion Ratio Lower Upper  
278 100  
139 17.2 9.0 13.4#  
279 24.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 20.883 ng/ul

RT: 26.45 min Scan# 3989

Delta R.T. 0.00 min

Lab File: BM016822.D

Acq: 21 Sep 2018 08:55

Instrument :

BNA\_M

ClientSampleId :

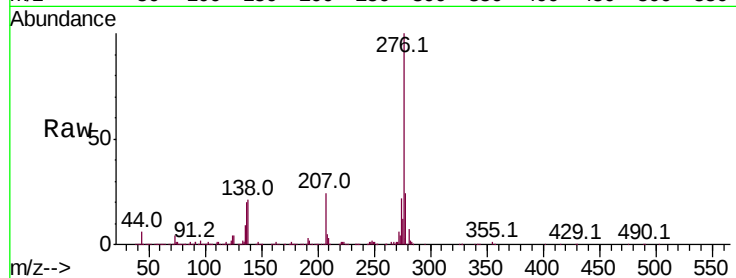
Tot Ion:276 Resp: 1765350

Ion Ratio Lower Upper

276 100

138 21.3 11.2 16.8#

277 23.9 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

