

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\  
 Data File : BM016560.D  
 Acq On : 23 Aug 2018 19:33  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 24 04:48:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 21 16:31:22 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 88692    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.82 | 136  | 402479   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.65 | 164  | 294338   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.39 | 188  | 989462   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.54 | 240  | 1551417  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.82 | 264  | 1701319  | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.55  | 112  | 326029   | 72.03 | ng    | 0.00     |
| 7) Phenol-d6                | 7.19  | 99   | 476357   | 79.54 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 749499   | 85.03 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.15 | 330  | 656730   | 79.82 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 13.27 | 172  | 2566561  | 83.82 | ng    | -0.01    |
| 78) Terphenyl-d14           | 19.99 | 244  | 6888225  | 93.97 | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.37  | 88   | 98915    | 39.559 | ng    | # 100  |
| 3) Pyridine                    | 3.80  | 79   | 188073   | 36.151 | ng    | # 81   |
| 4) n-Nitrosodimethylamine      | 3.72  | 42   | 99111    | 42.763 | ng    | # 62   |
| 6) Aniline                     | 7.35  | 93   | 279116   | 41.646 | ng    | # 90   |
| 8) 2-Chlorophenol              | 7.57  | 128  | 223641   | 41.526 | ng    | # 97   |
| 9) Benzaldehyde                | 7.17  | 77   | 184809   | 44.463 | ng    | # 75   |
| 10) Phenol                     | 7.21  | 94   | 229566   | 38.758 | ng    | # 87   |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93   | 173386   | 39.037 | ng    | # 98   |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146  | 277811   | 38.907 | ng    | # 82   |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146  | 283046   | 38.626 | ng    | # 96   |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146  | 280069   | 38.903 | ng    | # 93   |
| 15) Benzyl Alcohol             | 8.27  | 79   | 206306   | 37.093 | ng    | # 81   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45   | 121699   | 39.793 | ng    | # 44   |
| 17) 2-Methylphenol             | 8.47  | 107  | 174141   | 40.600 | ng    | # 74   |
| 18) Hexachloroethane           | 9.07  | 117  | 159966   | 47.385 | ng    | # 53   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70   | 199003   | 42.380 | ng    | # 88   |
| 20) 3+4-Methylphenols          | 8.80  | 107  | 234268   | 39.503 | ng    | # 79   |
| 22) Acetophenone               | 8.86  | 105  | 355096   | 36.639 | ng    | # 99   |
| 24) Nitrobenzene               | 9.24  | 77   | 354389   | 40.238 | ng    | # 87   |
| 25) Isophorone                 | 9.75  | 82   | 464233   | 39.405 | ng    | # 95   |
| 26) 2-Nitrophenol              | 9.95  | 139  | 137810   | 36.601 | ng    | # 48   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122  | 179167   | 36.514 | ng    | # 78   |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93   | 261488   | 37.182 | ng    | # 98   |
| 29) 2,4-Dichlorophenol         | 10.48 | 162  | 286820   | 39.056 | ng    | # 90   |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180  | 463553   | 41.599 | ng    | # 96   |
| 31) Naphthalene                | 10.87 | 128  | 719039   | 37.497 | ng    | # 99   |
| 32) Benzoic acid               | 10.20 | 122  | 115842   | 28.216 | ng    | # 81   |
| 33) 4-Chloroaniline            | 11.00 | 127  | 304681   | 37.754 | ng    | # 89   |
| 34) Hexachlorobutadiene        | 11.12 | 225  | 470232   | 44.212 | ng    | # 98   |
| 35) Caprolactam                | 11.83 | 113  | 67264    | 38.171 | ng    | # 59   |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107  | 265478   | 37.603 | ng    | # 86   |
| 37) 2-Methylnaphthalene        | 12.47 | 142  | 583269   | 38.854 | ng    | # 85   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216  | 686193   | 41.279 | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.79 | 237  | 264734   | 43.833 | ng    | # 98   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\  
 Data File : BM016560.D  
 Acq On : 23 Aug 2018 19:33  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

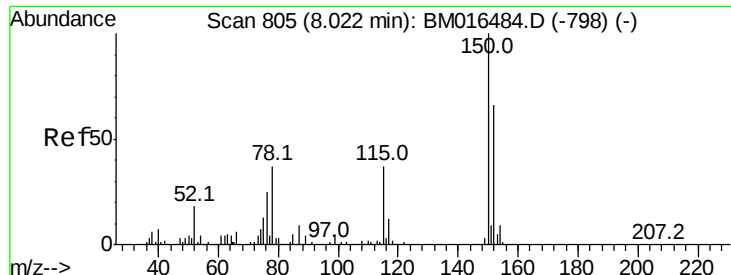
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 24 04:48:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 21 16:31:22 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.10 | 196  | 416352   | 41.884 | nq    | 95       |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 392447   | 40.416 | nq #  | 92       |
| 45) 1,1'-Biphenyl              | 13.48 | 154  | 927284   | 35.929 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 784037   | 37.392 | nq    | 96       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 208410   | 37.316 | nq #  | 82       |
| 48) Acenaphthylene             | 14.38 | 152  | 1093417  | 36.942 | nq    | 98       |
| 49) Dimethylphthalate          | 14.12 | 163  | 1075374  | 38.029 | nq #  | 97       |
| 50) 2,6-Dinitrotoluene         | 14.26 | 165  | 214090   | 38.815 | nq #  | 62       |
| 51) Acenaphthene               | 14.72 | 154  | 683575   | 37.593 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.60 | 138  | 172943   | 34.460 | nq #  | 63       |
| 53) 2,4-Dinitrophenol          | 14.84 | 184  | 61795    | 22.388 | nq #  | 70       |
| 54) Dibenzofuran               | 15.05 | 168  | 1361324  | 39.108 | nq #  | 86       |
| 55) 4-Nitrophenol              | 14.92 | 139  | 104054   | 32.507 | nq #  | 79       |
| 56) 2,4-Dinitrotoluene         | 15.06 | 165  | 350450   | 38.104 | nq #  | 92       |
| 57) Fluorene                   | 15.70 | 166  | 1032980  | 39.283 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 407224   | 43.634 | nq #  | 100      |
| 59) Diethylphthalate           | 15.47 | 149  | 1133466  | 38.442 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.69 | 204  | 955524   | 43.330 | nq #  | 89       |
| 61) 4-Nitroaniline             | 15.76 | 138  | 179535   | 36.604 | nq #  | 1        |
| 62) Azobenzene                 | 15.98 | 77   | 1343283  | 42.773 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 219768   | 29.232 | nq #  | 64       |
| 65) n-Nitrosodiphenylamine     | 15.91 | 169  | 989858   | 35.561 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.58 | 248  | 602990   | 39.661 | nq    | 98       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 702882   | 39.644 | nq    | 93       |
| 68) Atrazine                   | 16.86 | 200  | 518366   | 40.805 | nq    | 91       |
| 69) Pentachlorophenol          | 17.05 | 266  | 346809   | 36.969 | nq    | 95       |
| 70) Phenanthrene               | 17.44 | 178  | 1892008  | 36.996 | nq    | 100      |
| 71) Anthracene                 | 17.53 | 178  | 1877329  | 36.968 | nq    | 99       |
| 72) Carbazole                  | 17.80 | 167  | 1638073  | 35.893 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 2022372  | 36.348 | nq #  | 96       |
| 74) Fluoranthene               | 19.44 | 202  | 2958524  | 39.455 | nq    | 94       |
| 76) Benzidine                  | 19.63 | 184  | 1111609  | 37.258 | nq    | 98       |
| 77) Pyrene                     | 19.80 | 202  | 3215094  | 38.133 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 1052437  | 36.162 | nq #  | 73       |
| 80) Benzo(a)anthracene         | 21.52 | 228  | 3547809  | 38.897 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.46 | 252  | 1499270  | 36.928 | nq #  | 97       |
| 82) Chrysene                   | 21.57 | 228  | 3313856  | 38.079 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.42 | 149  | 1539051  | 35.573 | nq #  | 93       |
| 84) Di-n-octyl phthalate       | 22.30 | 149  | 2565529  | 35.683 | nq #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 26.14 | 276  | 4528385  | 36.183 | nq #  | 92       |
| 87) Benzo(b)fluoranthene       | 23.13 | 252  | 3845919  | 39.215 | nq #  | 91       |
| 88) Benzo(k)fluoranthene       | 23.18 | 252  | 3705991  | 37.139 | nq #  | 92       |
| 89) Benzo(a)pyrene             | 23.73 | 252  | 3609049  | 37.820 | nq #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 26.14 | 278  | 3832082  | 35.832 | nq #  | 88       |
| 91) Benzo(g,h,i)perylene       | 26.85 | 276  | 3438748  | 35.821 | nq #  | 80       |

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



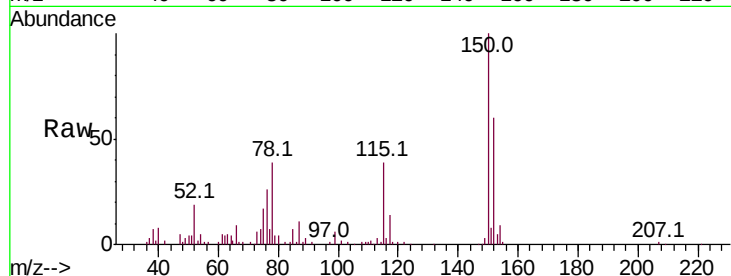


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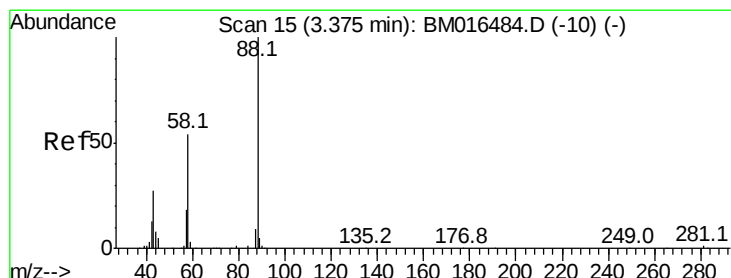
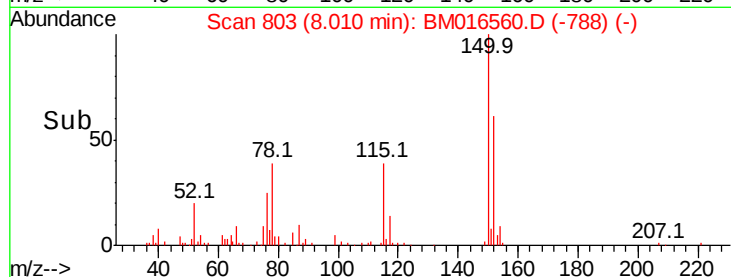
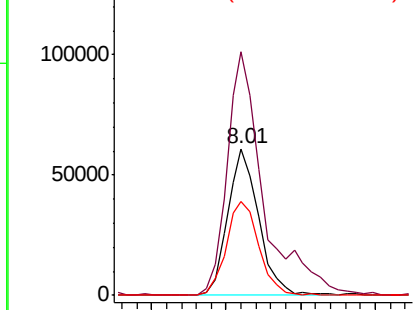
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 88692  
Ion Ratio Lower Upper  
152 100  
150 166.1 119.5 179.3  
115 64.1 43.0 64.4



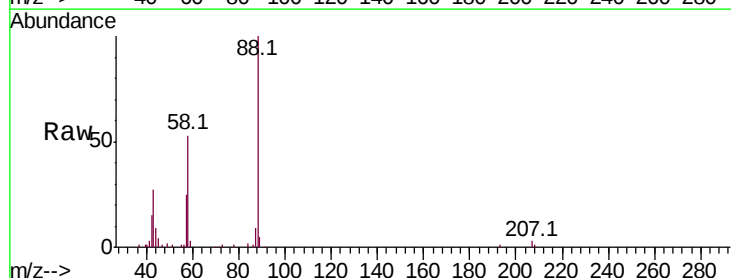
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



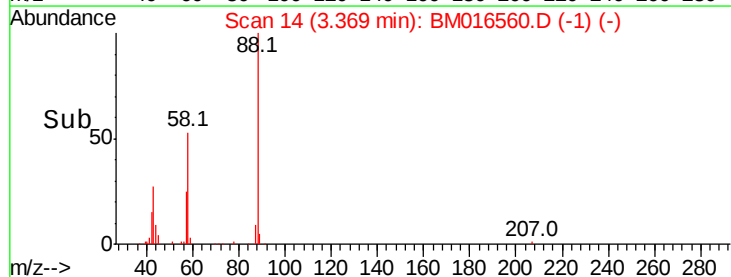
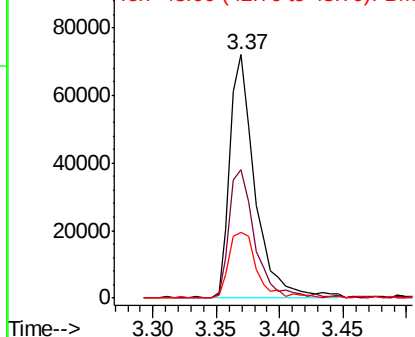
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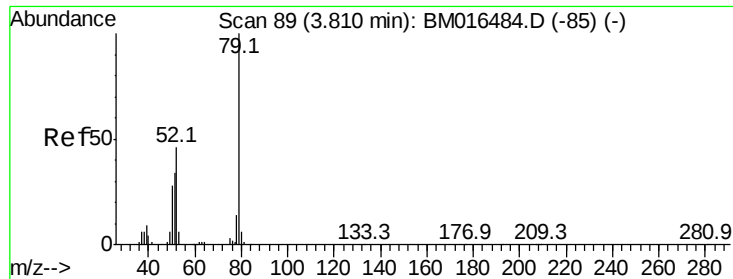
1,4-Dioxane  
Concen: 39.559 ng  
RT: 3.37 min Scan# 14  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Tgt Ion: 88 Resp: 98915  
Ion Ratio Lower Upper  
88 100  
58 53.9 0.0 0.0#  
43 30.2 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.151 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

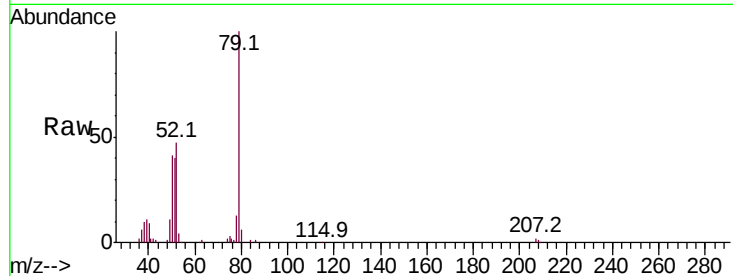
Tot Ion: 79 Resp: 188073

Ion Ratio Lower Upper

79 100

52 47.1 51.1 76.7#

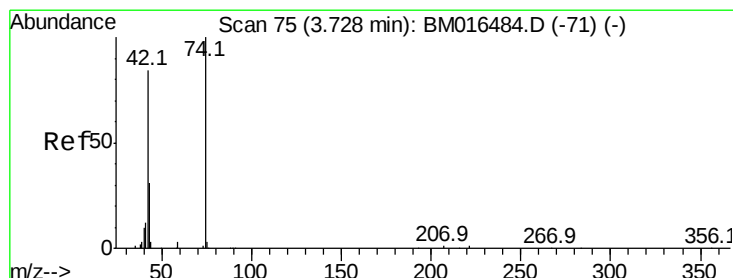
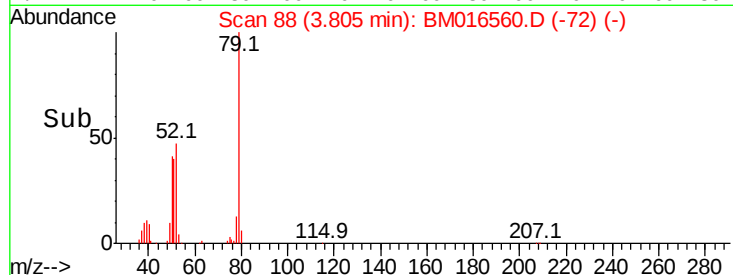
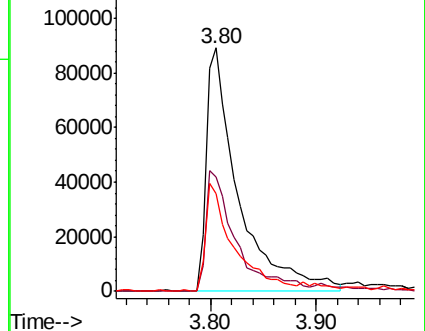
51 40.3 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-85) (-)

Ion 52.00 (51.70 to 52.70): BM016484.D (-85) (-)

Ion 51.00 (50.70 to 51.70): BM016484.D (-85) (-)



#4

n-Nitrosodimethylamine

Concen: 42.763 ng

RT: 3.72 min Scan# 74

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

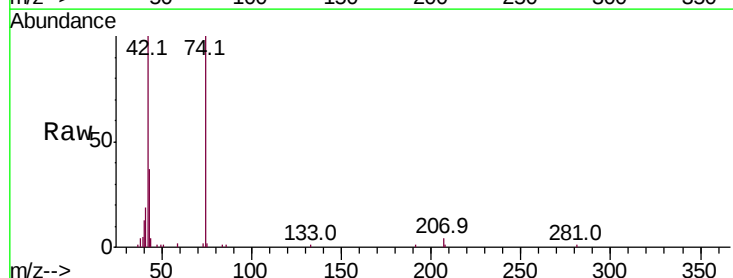
Tgt Ion: 42 Resp: 99111

Ion Ratio Lower Upper

42 100

74 99.9 119.3 178.9#

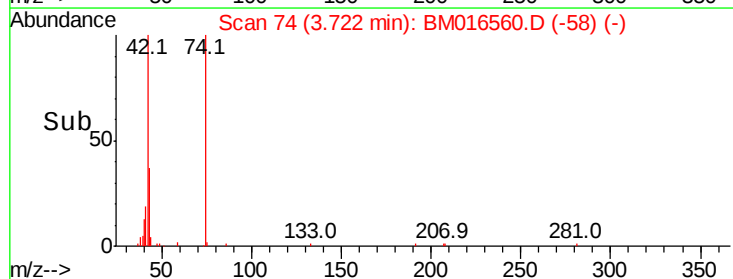
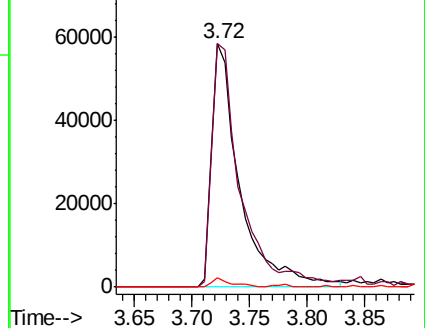
44 3.9 5.4 8.2#

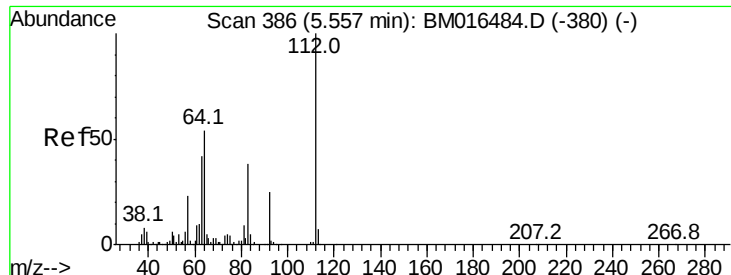


Abundance Ion 42.00 (41.70 to 42.70): BM016484.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM016484.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM016484.D (-71) (-)





#5

2-Fluorophenol

Concen: 72.034 ng

RT: 5.55 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

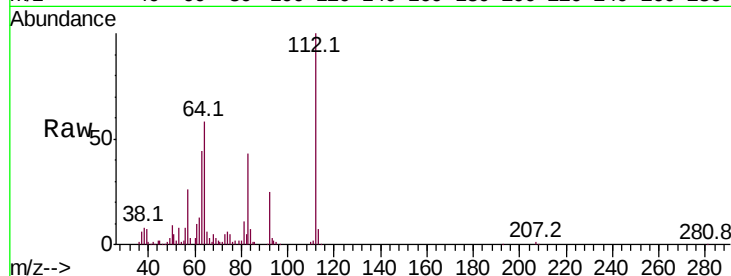
Tot Ion:112 Resp: 326029

Ion Ratio Lower Upper

112 100

64 58.1 38.6 57.8#

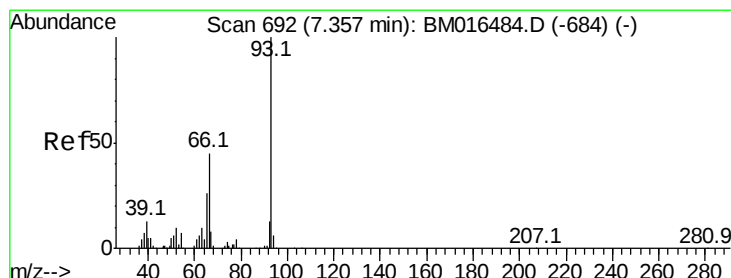
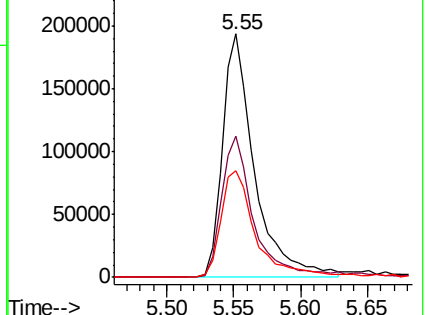
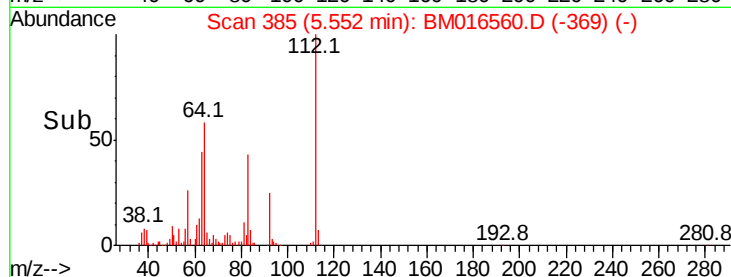
63 44.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 41.646 ng

RT: 7.35 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

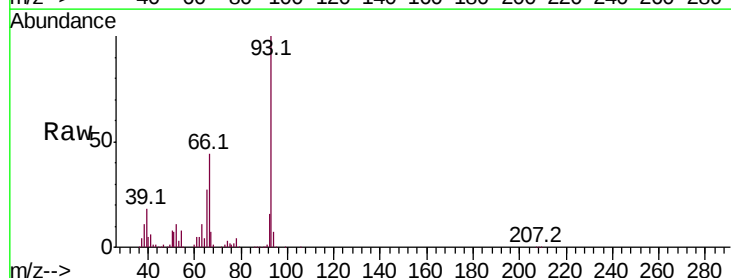
Tgt Ion: 93 Resp: 279116

Ion Ratio Lower Upper

93 100

66 43.7 30.8 46.2

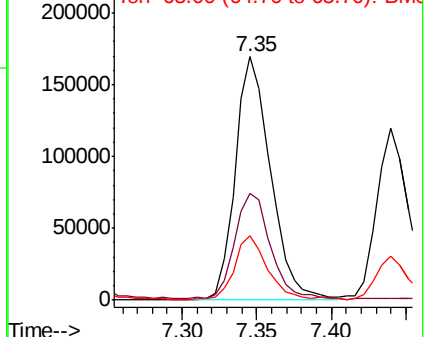
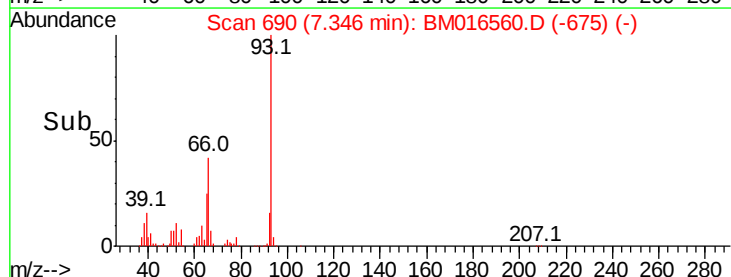
65 26.5 16.0 24.0#

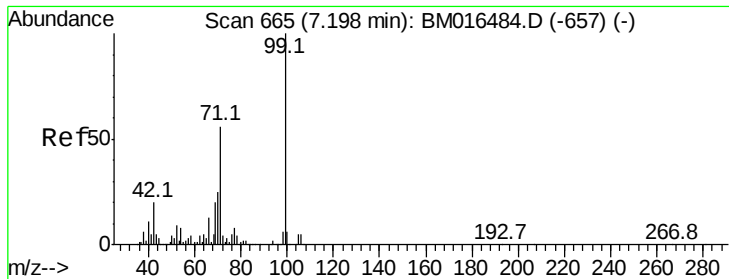


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 79.535 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

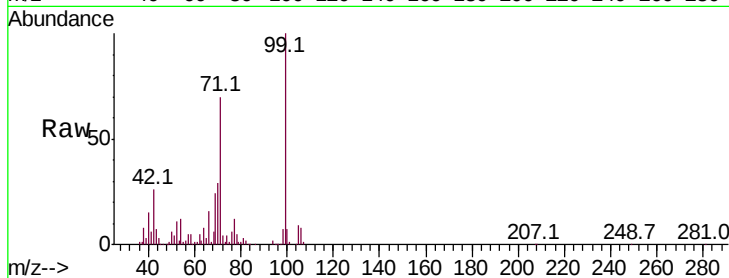
Tot Ion: 99 Resp: 476357

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

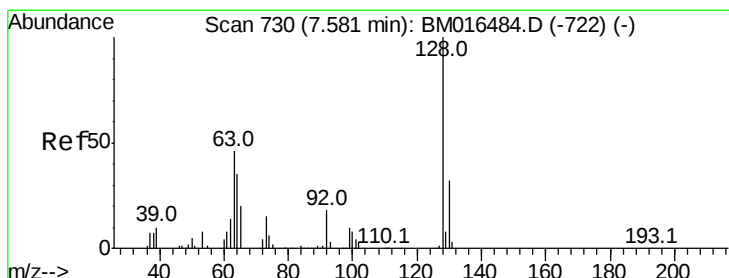
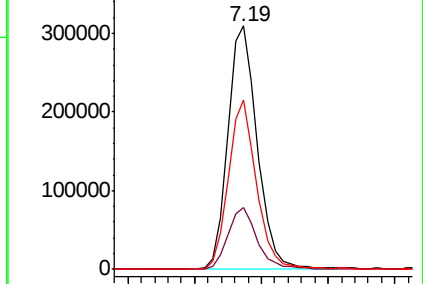
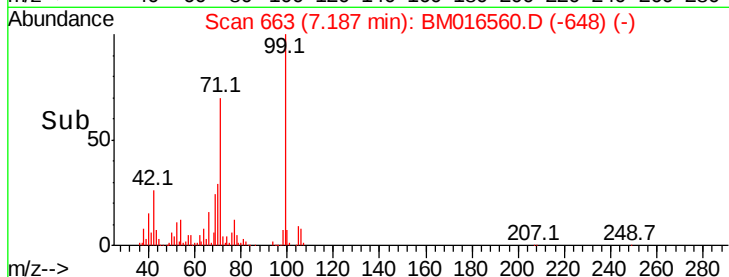
71 69.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#8

2-Chlorophenol

Concen: 41.526 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

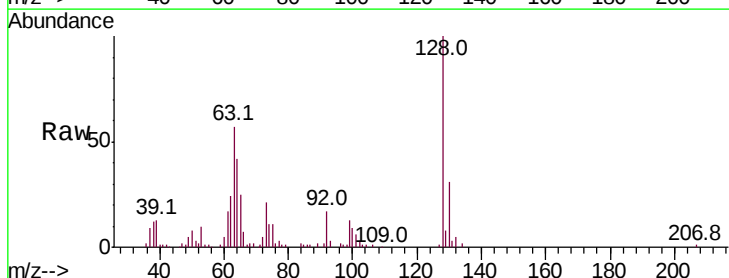
Tgt Ion: 128 Resp: 223641

Ion Ratio Lower Upper

128 100

130 31.1 12.0 52.0

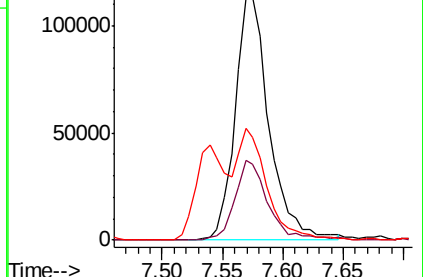
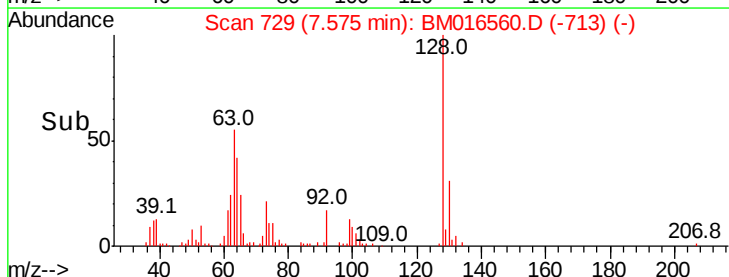
64 42.2 24.9 64.9

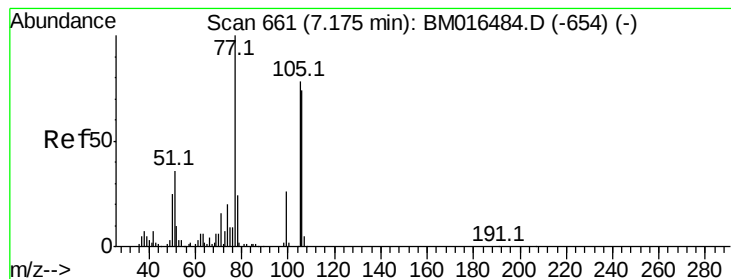


Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016484.D (-722) (-)





#9

Benzaldehyde

Concen: 44.463 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampled :

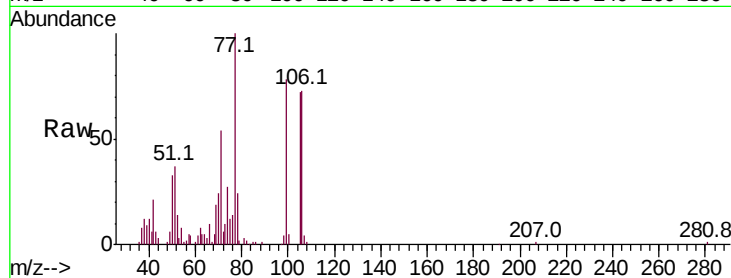
Tot Ion: 77 Resp: 184809

Ion Ratio Lower Upper

77 100

105 71.6 78.8 118.8#

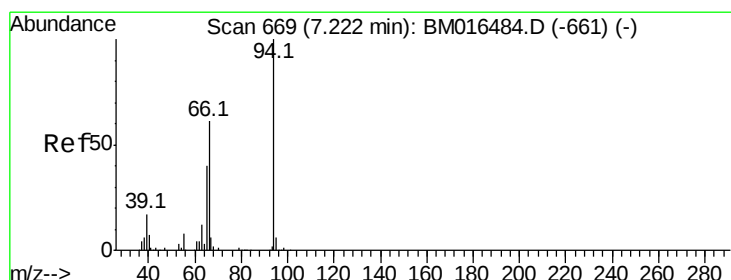
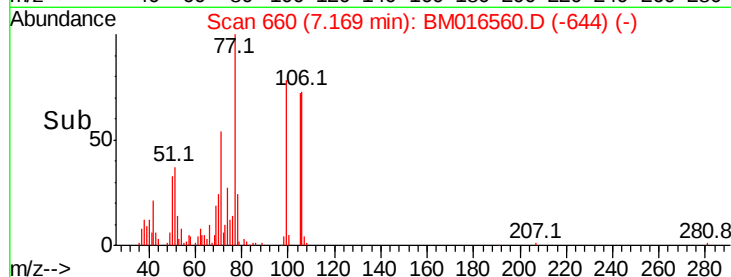
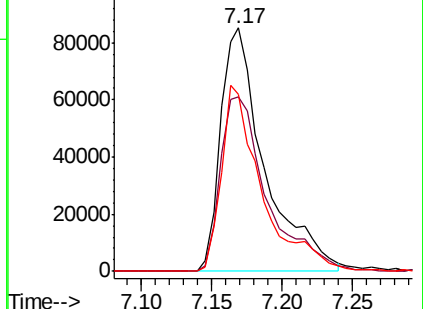
106 72.5 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016484.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016484.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016484.D (-654) (-)



#10

Phenol

Concen: 38.758 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

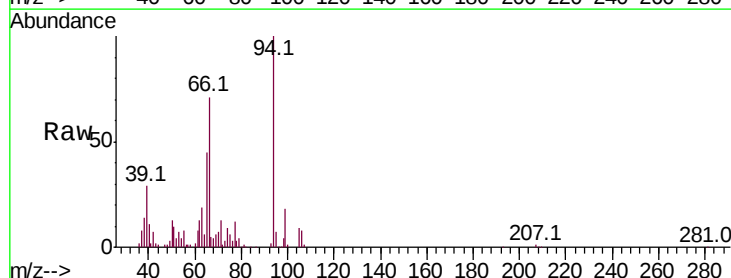
Tgt Ion: 94 Resp: 229566

Ion Ratio Lower Upper

94 100

65 44.6 18.8 58.8

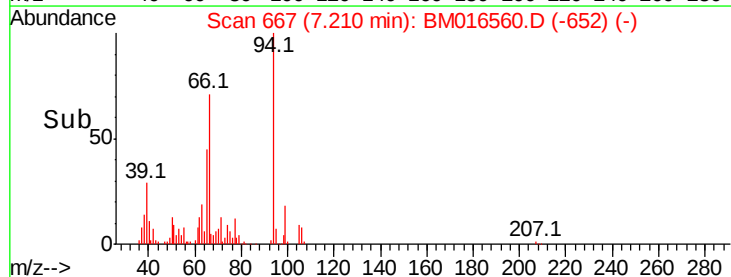
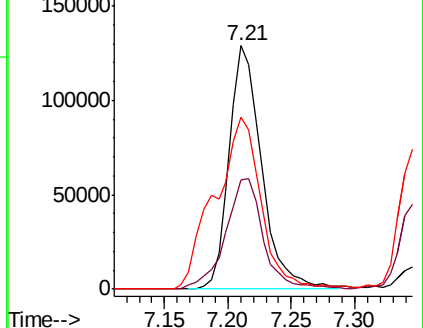
66 70.9 39.9 79.9

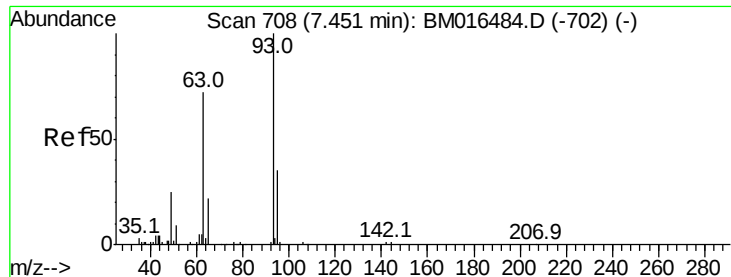


Abundance Ion 94.00 (93.70 to 94.70): BM016484.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016484.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016484.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 39.037 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampled :

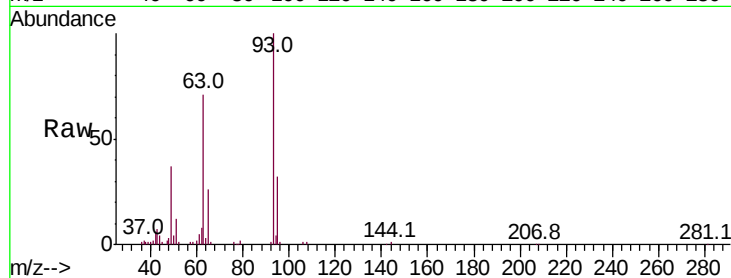
Tot Ion: 93 Resp: 173386

Ion Ratio Lower Upper

93 100

63 71.3 49.5 89.5

95 32.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM016484.D (-702) (-)

Ion 63.00 (62.70 to 63.70): BM016484.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM016484.D (-702) (-)

7.44

150000

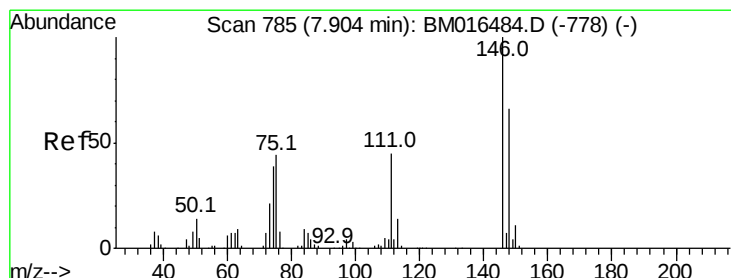
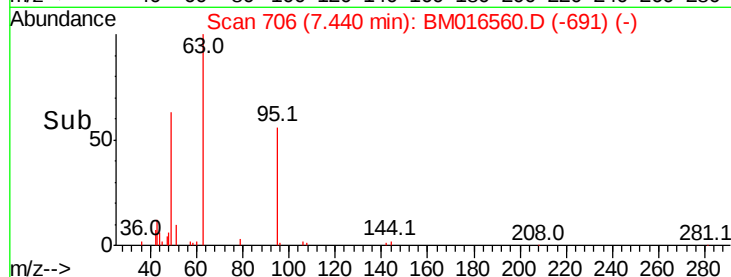
100000

50000

0

7.40 7.45 7.50

Time-->



#12

1,3-Dichlorobenzene

Concen: 38.907 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

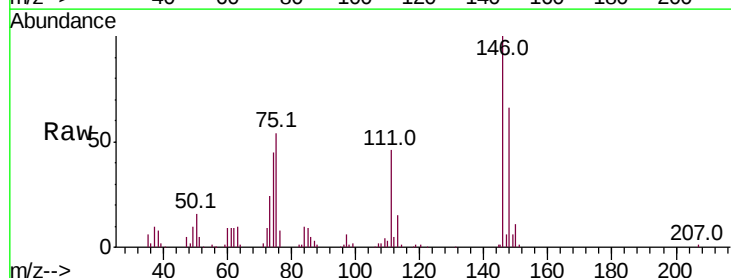
Tgt Ion: 146 Resp: 277811

Ion Ratio Lower Upper

146 100

148 66.1 50.9 76.3

75 54.4 21.4 32.2#



Abundance Ion 146.00 (145.70 to 146.70): BM016484.D (-778) (-)

Ion 148.00 (147.70 to 148.70): BM016484.D (-778) (-)

Ion 75.00 (74.70 to 75.70): BM016484.D (-778) (-)

7.89

200000

150000

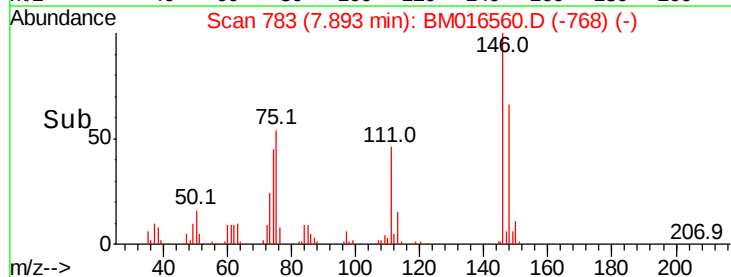
100000

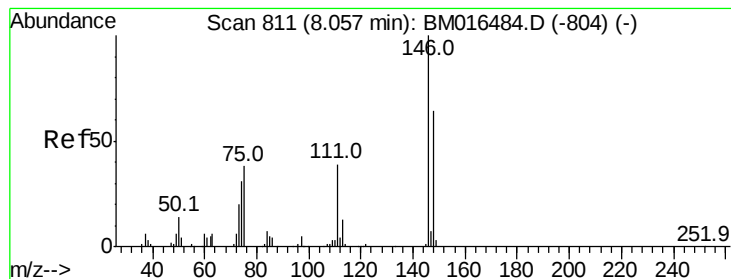
50000

0

7.85 7.90 7.95 8.00

Time-->





#13

1,4-Dichlorobenzene

Concen: 38.626 ng

RT: 8.05 min Scan# 809

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

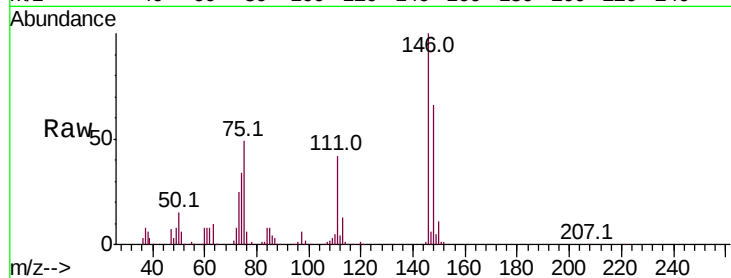
Tot Ion:146 Resp: 283046

Ion Ratio Lower Upper

146 100

148 66.2 51.9 77.9

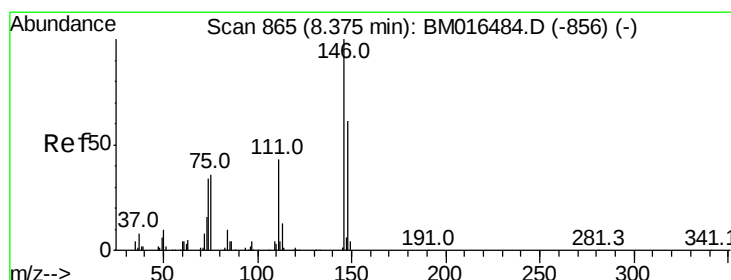
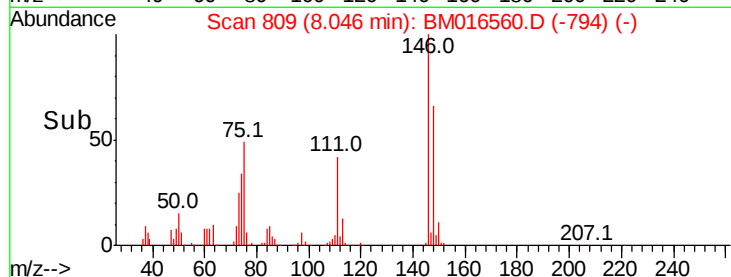
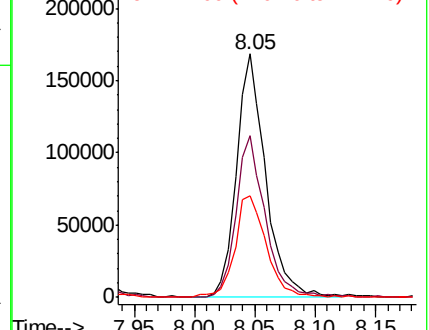
111 41.6 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.903 ng

RT: 8.36 min Scan# 862

Delta R.T. -0.02 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

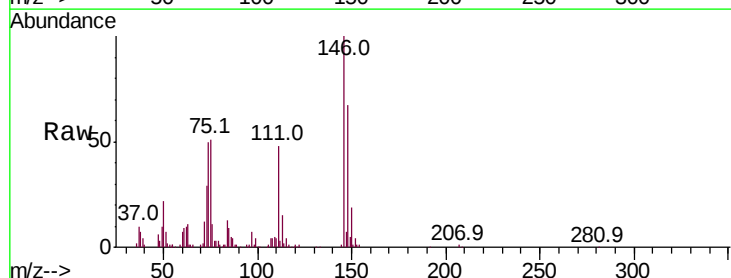
Tgt Ion:146 Resp: 280069

Ion Ratio Lower Upper

146 100

148 66.7 52.3 78.5

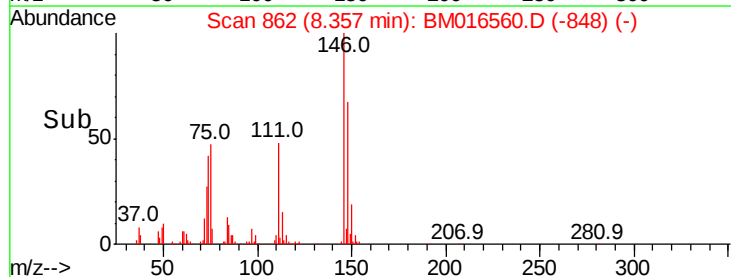
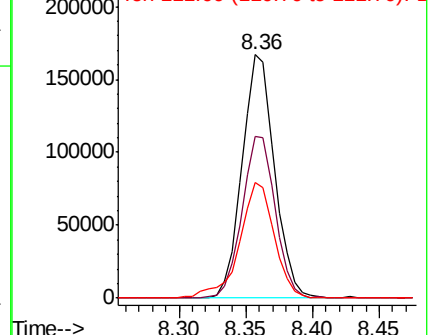
111 47.6 30.6 45.8#

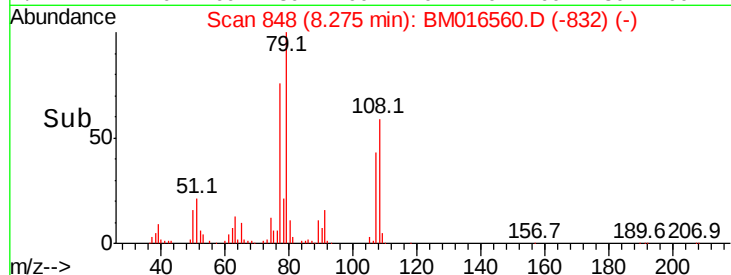
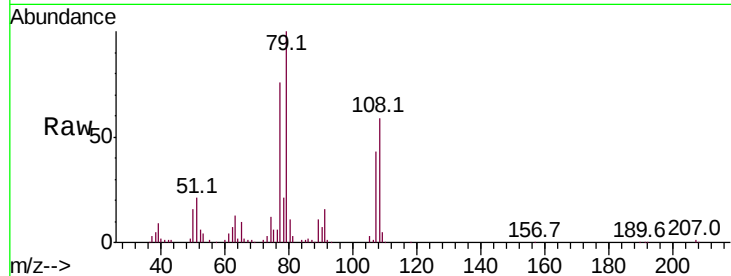
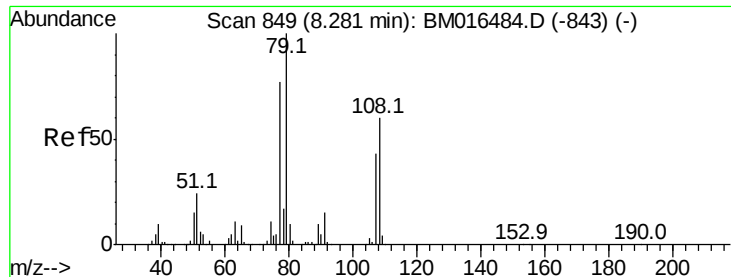


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.093 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

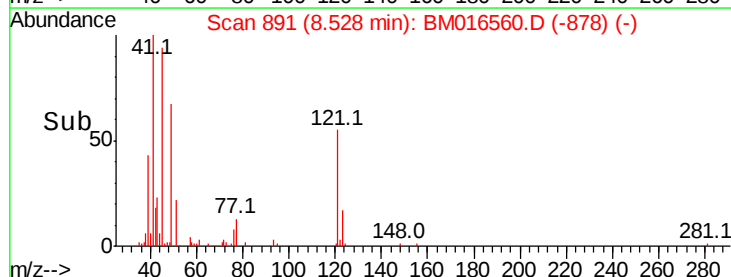
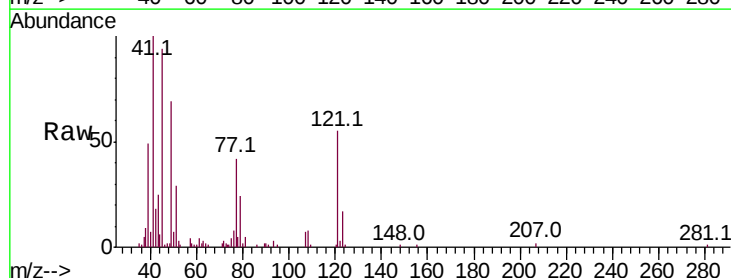
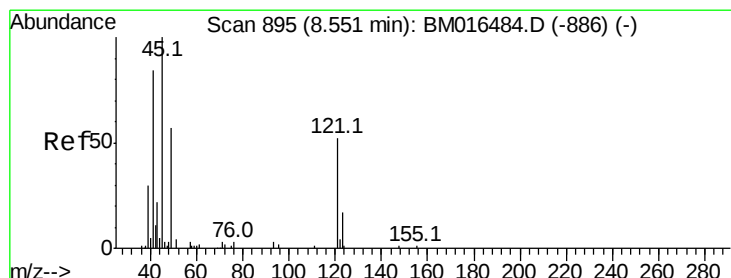
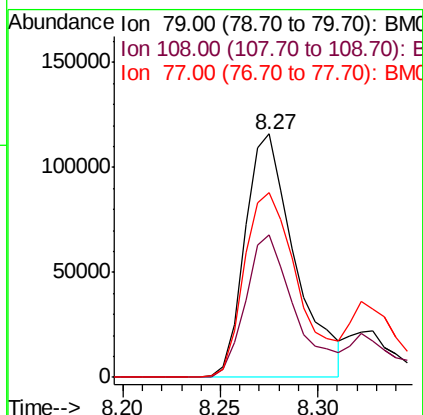
Tot Ion: 79 Resp: 206306

Ion Ratio Lower Upper

79 100

108 58.5 65.0 97.4#

77 75.9 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.793 ng

RT: 8.53 min Scan# 891

Delta R.T. -0.02 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

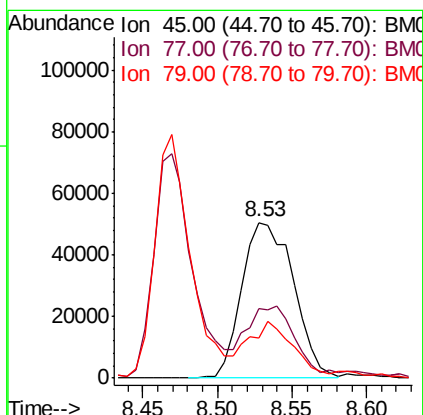
Tgt Ion: 45 Resp: 121699

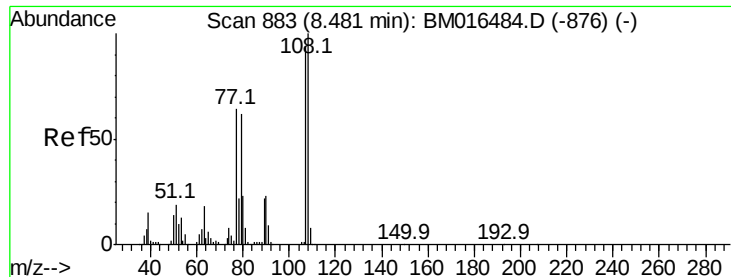
Ion Ratio Lower Upper

45 100

77 45.1 0.0 35.2#

79 25.9 0.0 32.0

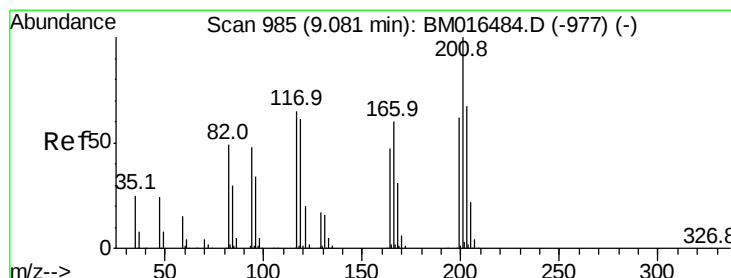
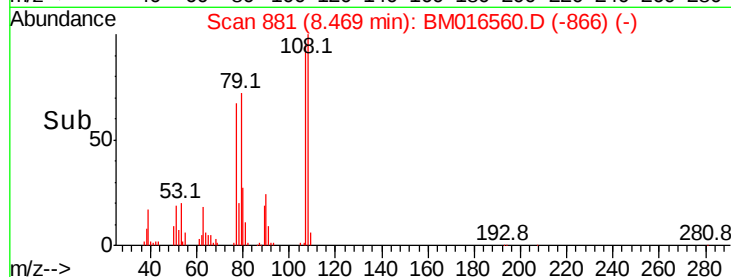
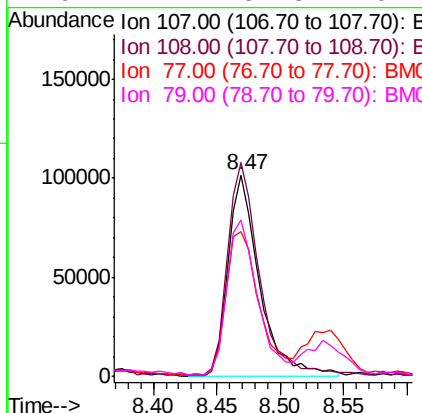
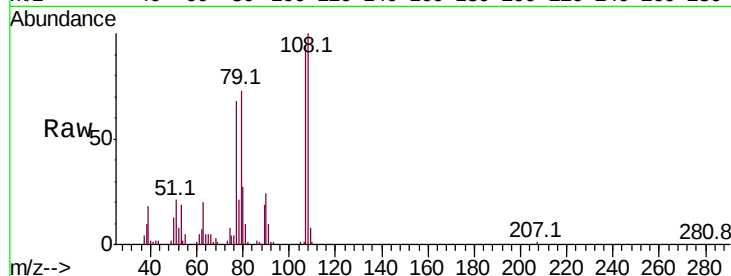




#17  
2-Methylphenol  
Concen: 40.600 ng  
RT: 8.47 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

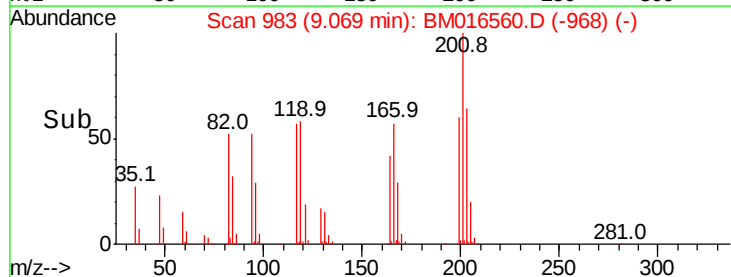
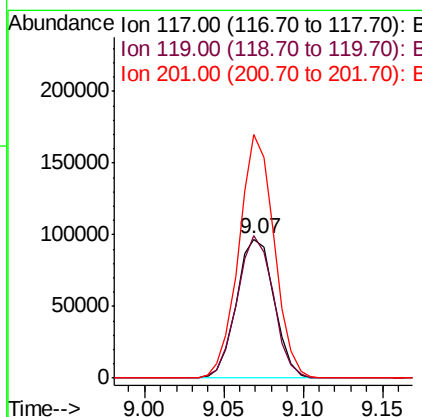
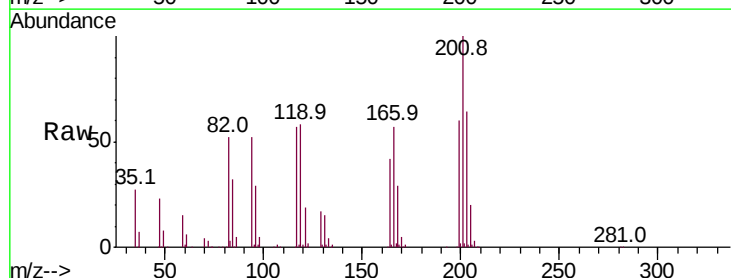
Instrument :  
BNA\_M  
ClientSampleId :

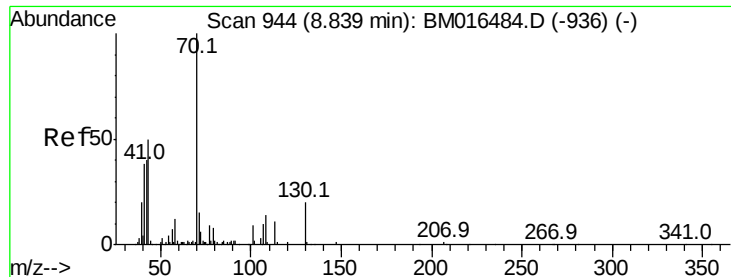
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 106.0 | 89.8  | 134.8 |
| 77      | 71.7  | 32.6  | 48.8# |
| 79      | 77.7  | 32.8  | 49.2# |



#18  
Hexachloroethane  
Concen: 47.385 ng  
RT: 9.07 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 102.4 | 79.2  | 118.8  |
| 201     | 175.6 | 69.8  | 104.6# |

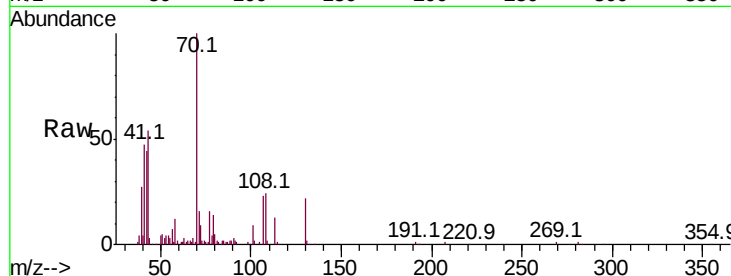




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.380 ng  
RT: 8.83 min Scan# 942  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 44.0  | 44.5  | 66.7# |
| 101     | 8.6   | 7.4   | 11.2  |
| 130     | 22.1  | 15.3  | 22.9  |



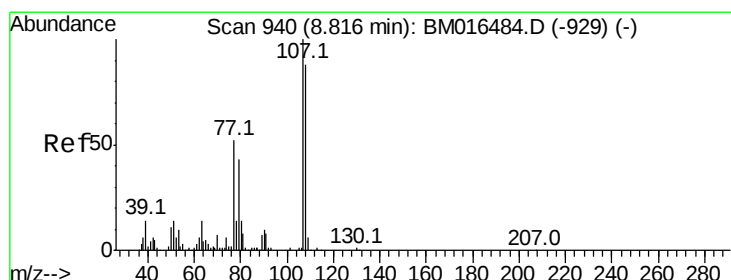
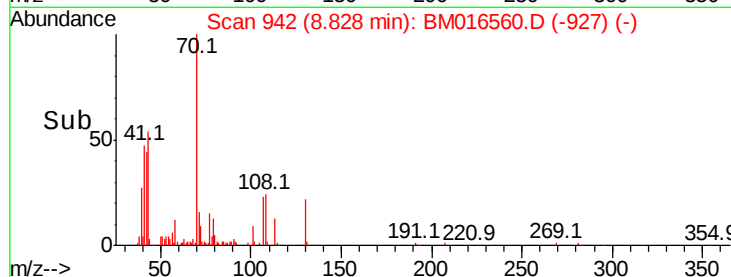
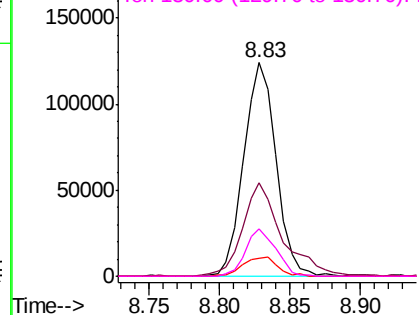
Abundance

Ion 70.00 (69.70 to 70.70): BM016484.D (-936) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-936) (-)

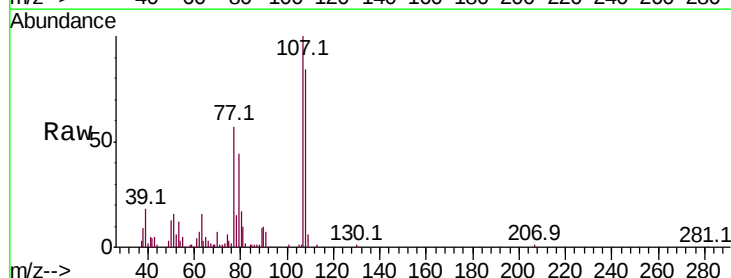
Ion 101.00 (100.70 to 101.70): BM016484.D (-936) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-936) (-)



#20  
3+4-Methylphenols  
Concen: 39.503 ng  
RT: 8.80 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 83.9  | 73.2  | 113.2 |
| 77      | 57.3  | 10.7  | 50.7# |
| 79      | 44.3  | 9.6   | 49.6  |



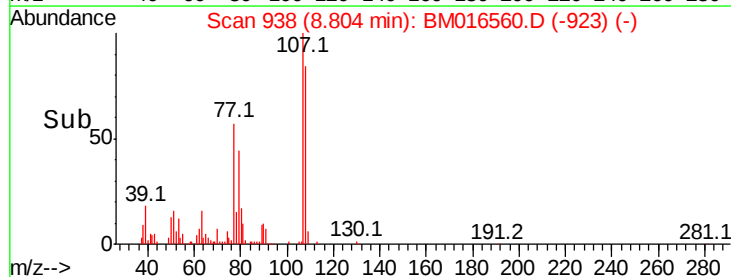
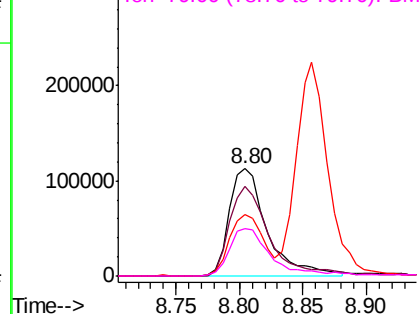
Abundance

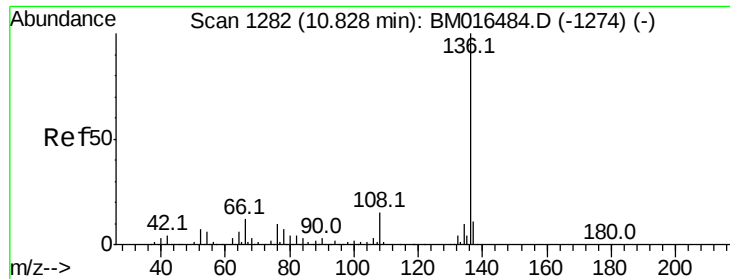
Ion 107.00 (106.70 to 107.70): BM016484.D (-929) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-929) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-929) (-)

Ion 79.00 (78.70 to 79.70): BM016484.D (-929) (-)

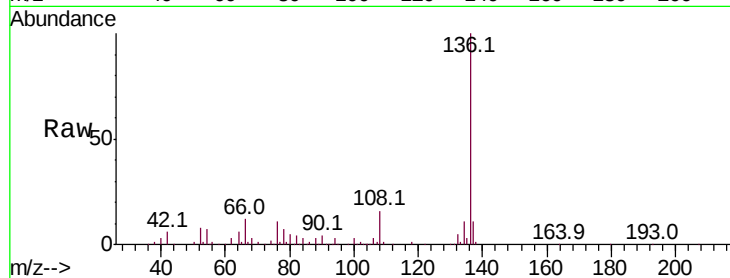




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 402479 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.7   | 13.1   |
| 54       | 7.0   | 4.6   | 6.8#   |
| 68       | 3.2   | 3.7   | 5.5#   |



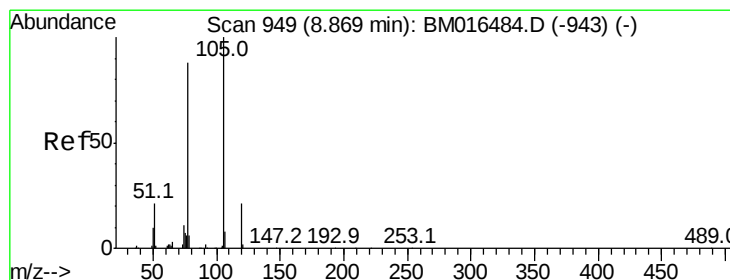
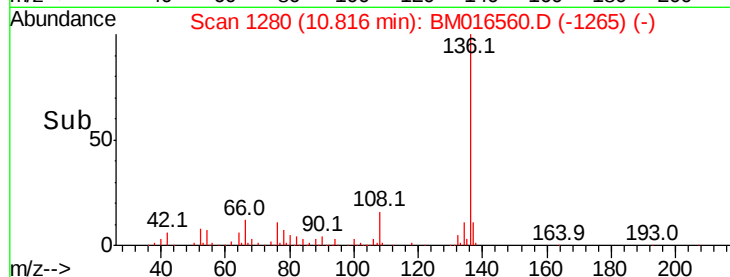
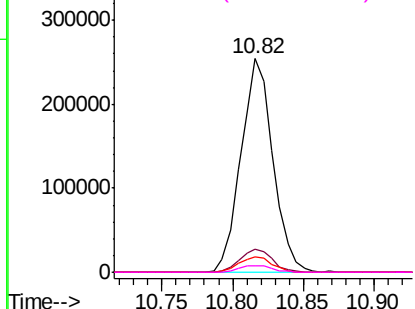
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

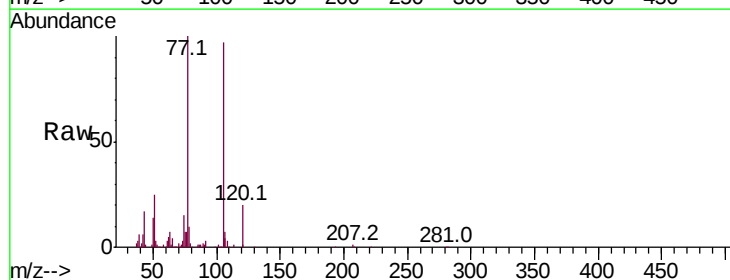
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22  
Acetophenone  
Concen: 36.639 ng  
RT: 8.86 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 355096 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.3   | 0.6   | 1.0#   |
| 51       | 25.9  | 21.6  | 32.4   |
| 120      | 20.1  | 16.1  | 24.1   |



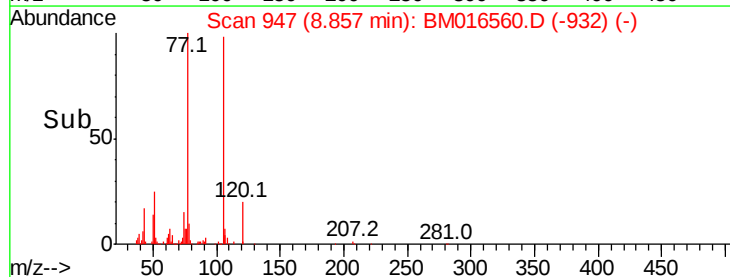
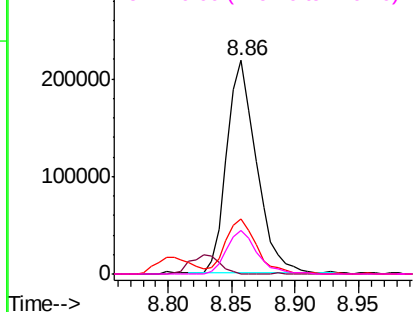
Abundance

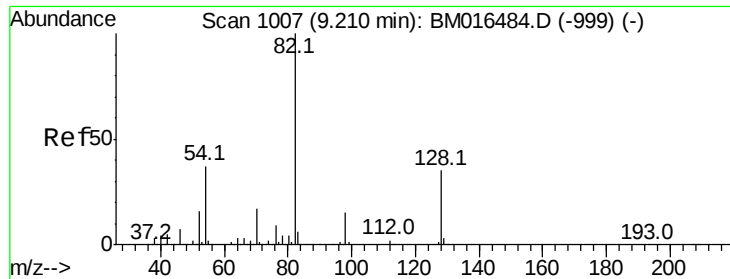
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.026 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

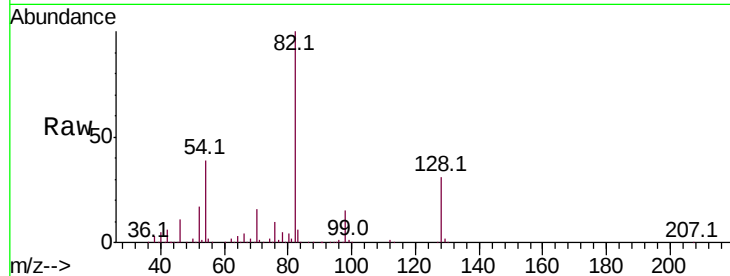
Tot Ion: 82 Resp: 749499

Ion Ratio Lower Upper

82 100

128 31.3 32.8 49.2#

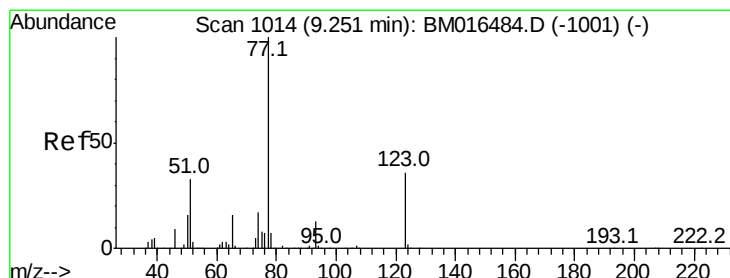
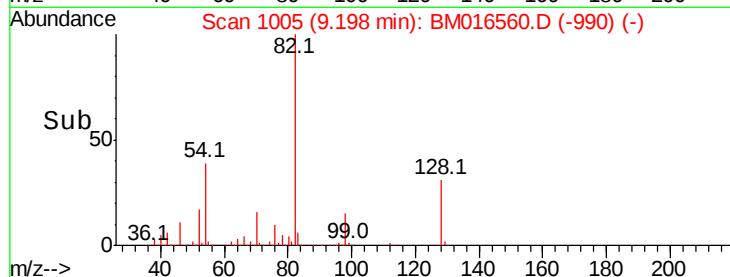
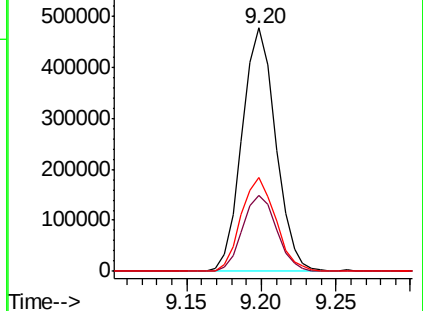
54 38.7 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016560.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016560.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016560.D (-999) (-)



#24

Nitrobenzene

Concen: 40.238 ng

RT: 9.24 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

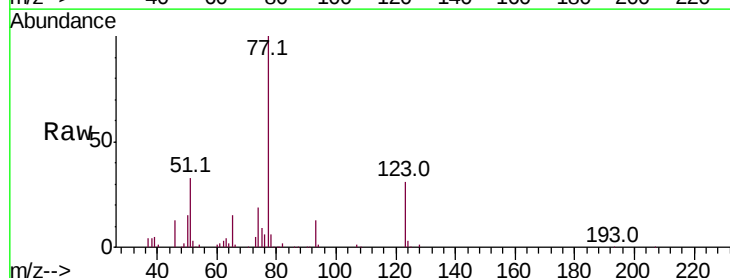
Tgt Ion: 77 Resp: 354389

Ion Ratio Lower Upper

77 100

123 30.8 32.6 49.0#

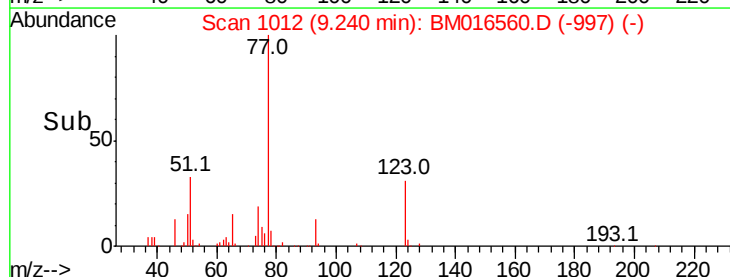
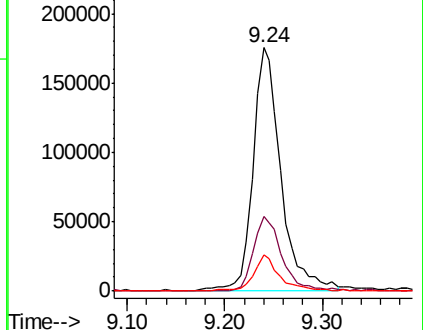
65 15.0 10.9 16.3

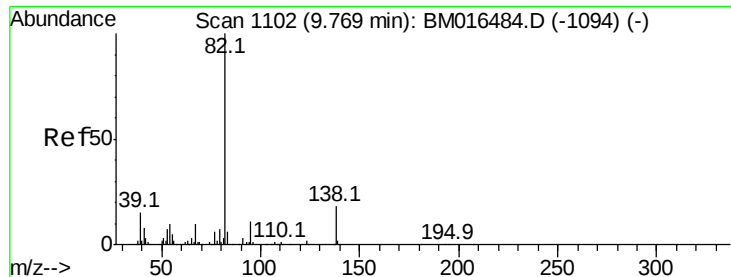


Abundance Ion 77.00 (76.70 to 77.70): BM016560.D (-997) (-)

Ion 123.00 (122.70 to 123.70): BM016560.D (-997) (-)

Ion 65.00 (64.70 to 65.70): BM016560.D (-997) (-)

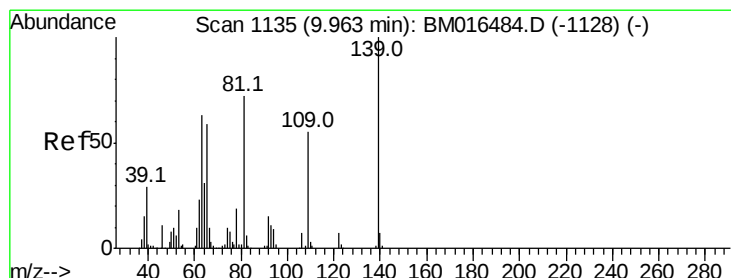
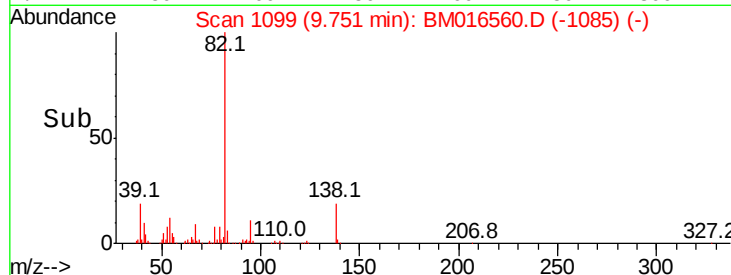
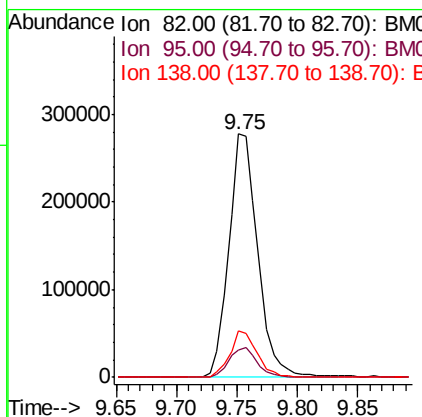
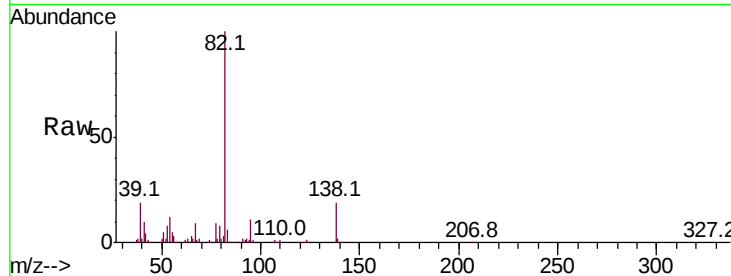




#25  
Isophorone  
Concen: 39.405 ng  
RT: 9.75 min Scan# 1099  
Delta R.T. -0.02 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

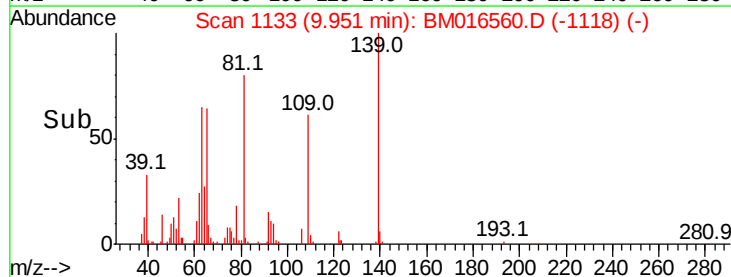
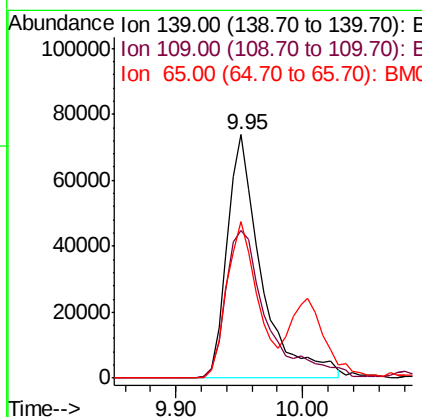
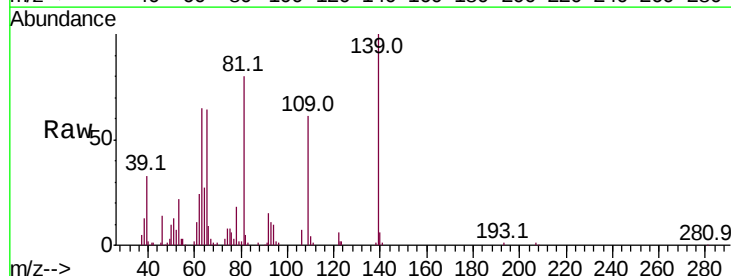
Instrument :  
BNA\_M  
ClientSampleId :

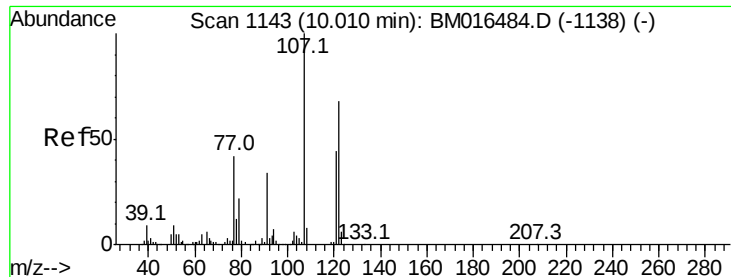
Tot Ion: 82 Resp: 464233  
Ion Ratio Lower Upper  
82 100  
95 11.4 5.8 8.6#  
138 19.1 16.3 24.5



#26  
2-Nitrophenol  
Concen: 36.601 ng  
RT: 9.95 min Scan# 1133  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Tgt Ion: 139 Resp: 137810  
Ion Ratio Lower Upper  
139 100  
109 60.7 20.1 30.1#  
65 64.1 31.5 47.3#

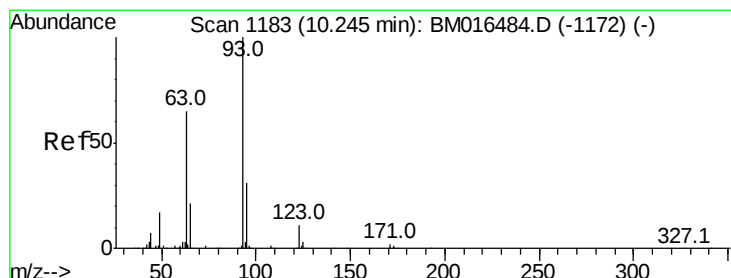
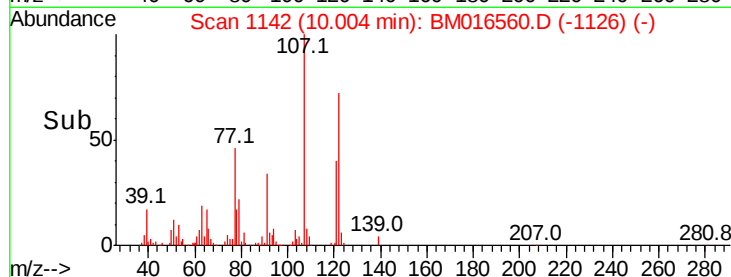
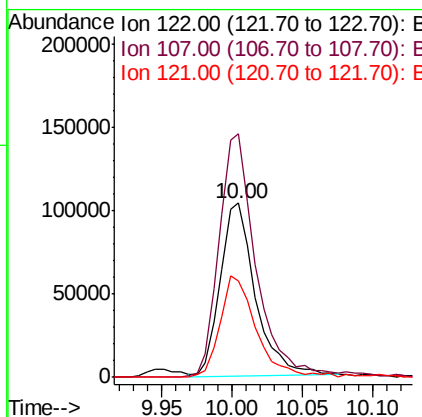
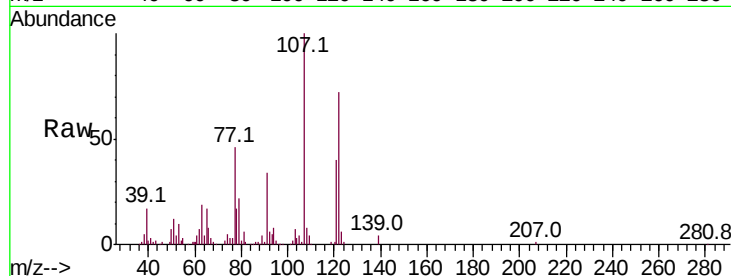




#27  
 2,4-Dimethylphenol  
 Concen: 36.514 ng  
 RT: 10.00 min Scan# 1142  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

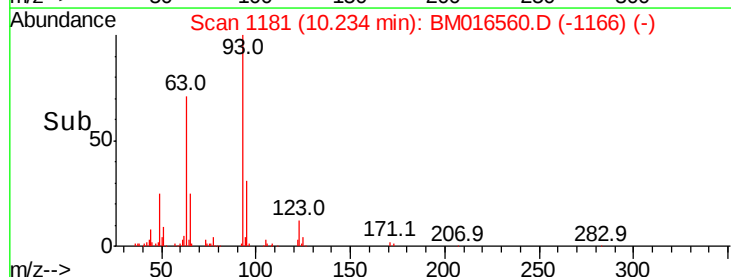
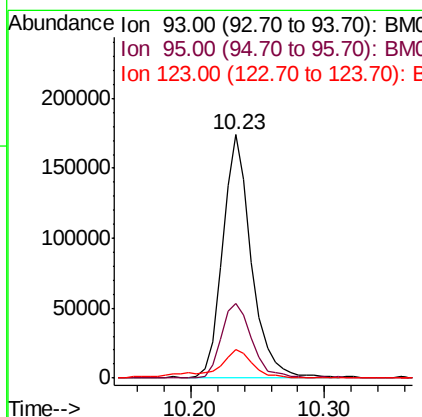
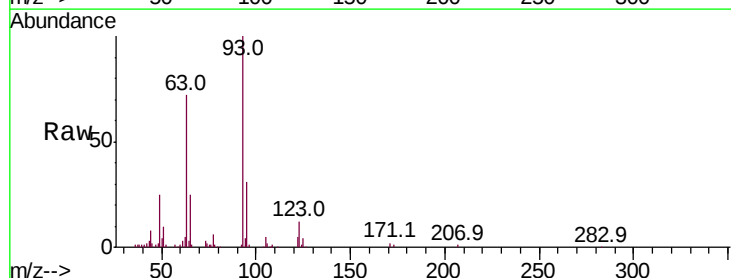
Instrument :  
 BNA\_M  
 ClientSampleId :

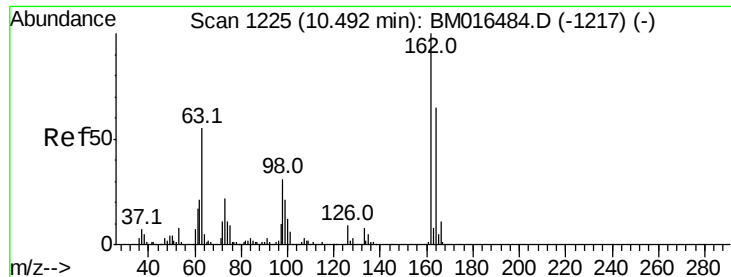
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 139.8 | 84.7  | 127.1# |
| 121     | 55.7  | 46.6  | 69.8   |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.182 ng  
 RT: 10.23 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.8  | 25.5  | 38.3  |
| 123     | 11.7  | 8.6   | 13.0  |

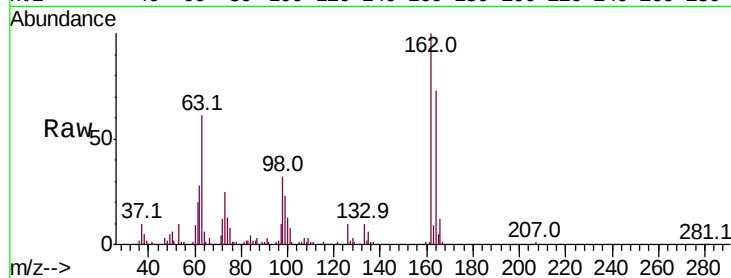




#29  
 2,4-Dichlorophenol  
 Concen: 39.056 ng  
 RT: 10.48 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 72.6  | 42.8  | 82.8  |
| 98      | 31.8  | 14.5  | 54.5  |

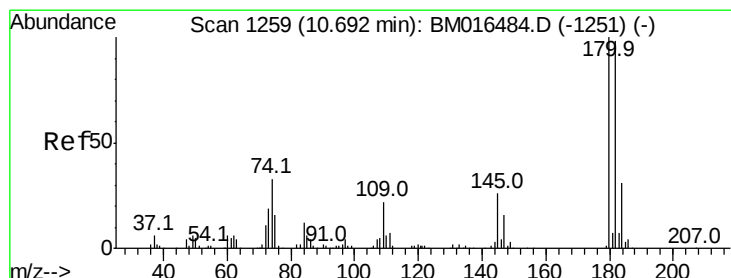
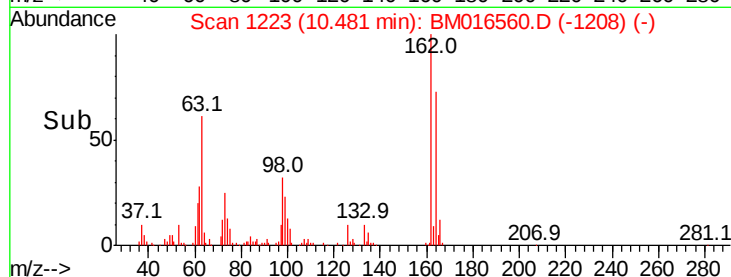
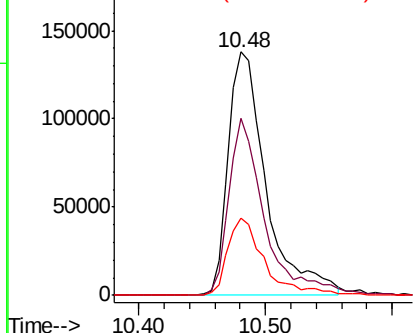


Abundance

Ion 162.00 (161.70 to 162.70): E

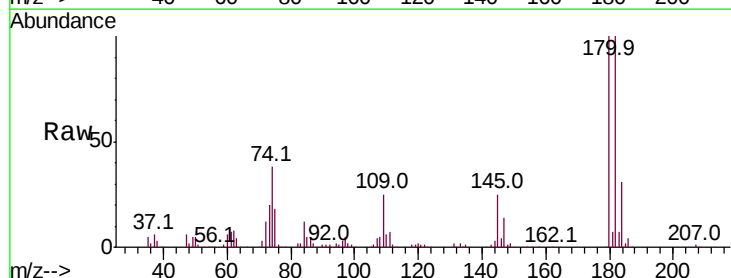
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.599 ng  
 RT: 10.68 min Scan# 1257  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.5  | 77.6  | 116.4 |
| 145     | 25.0  | 23.4  | 35.2  |

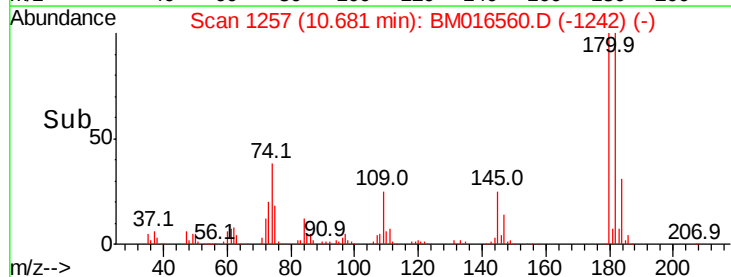
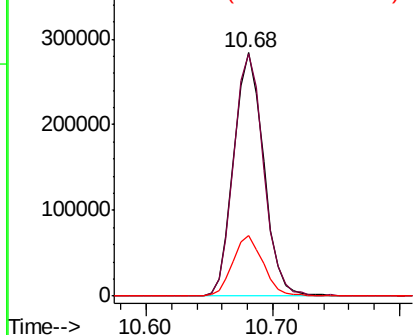


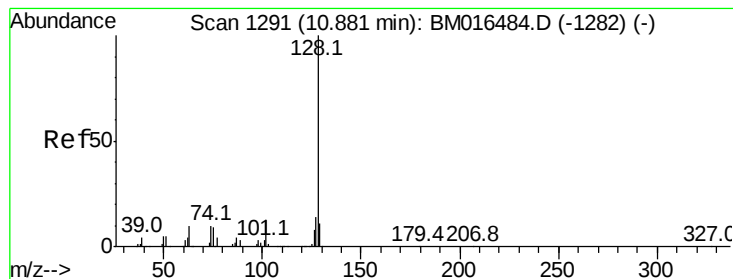
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

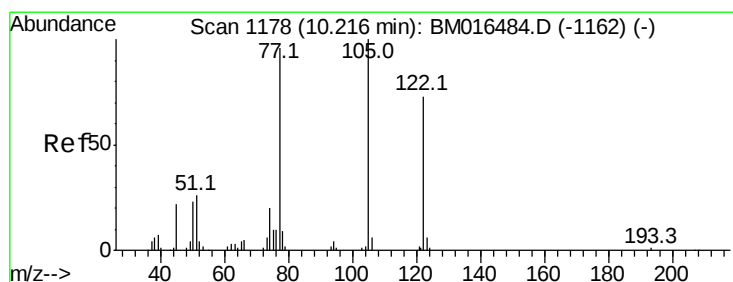
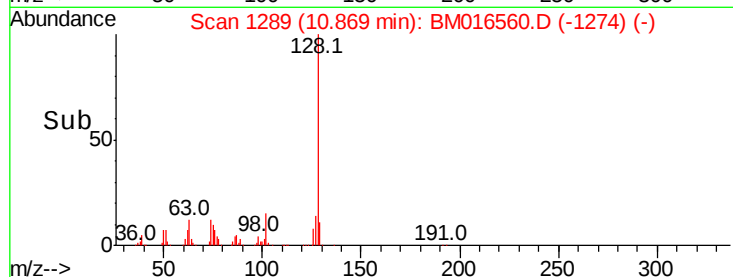
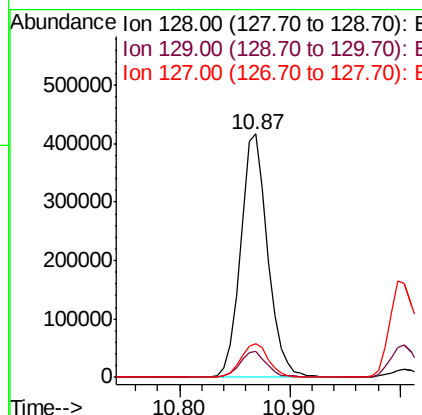
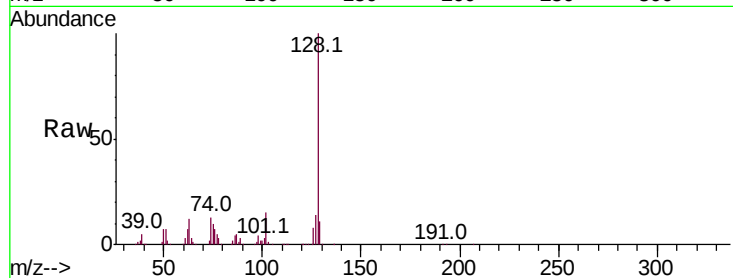




#31  
Naphthalene  
Concen: 37.497 ng  
RT: 10.87 min Scan# 1289  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

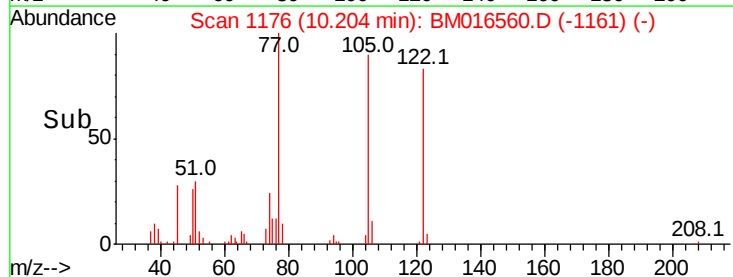
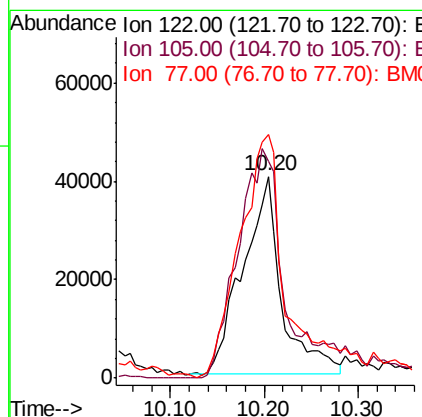
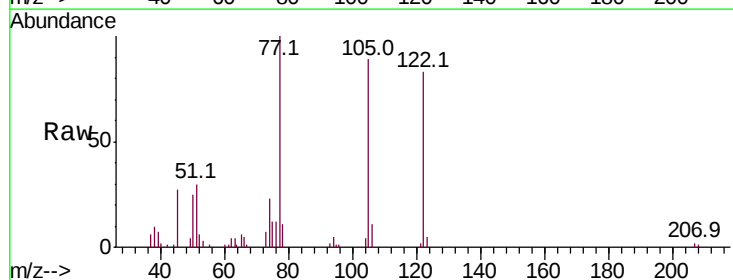
Instrument :  
BNA\_M  
ClientSampleId :

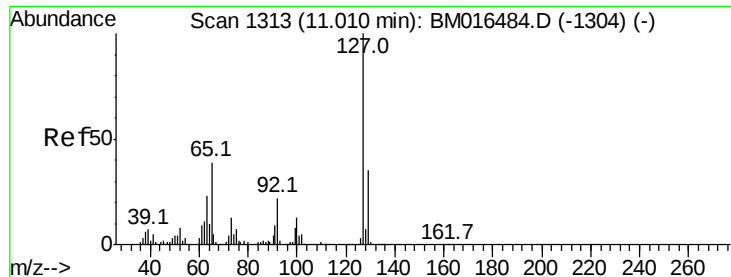
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.9   | 13.3  |
| 127     | 13.8  | 10.4  | 15.6  |



#32  
Benzoic acid  
Concen: 28.216 ng  
RT: 10.20 min Scan# 1176  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 107.3 | 99.9  | 139.9  |
| 77      | 120.8 | 73.7  | 113.7# |

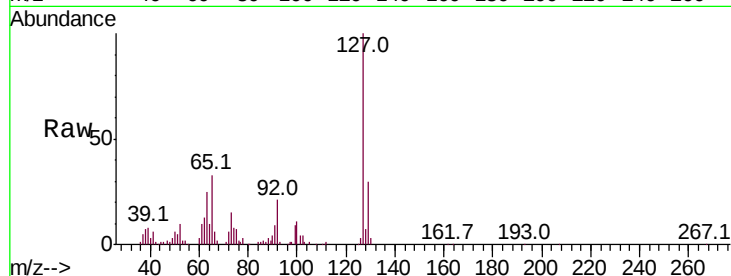




#33  
4-Chloroaniline  
Concen: 37.754 ng  
RT: 11.00 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Instrument :  
BNA\_M  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 304681 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.4  | 25.3  | 37.9   |
| 65       | 33.4  | 17.6  | 26.4   |
| 92       | 20.8  | 13.1  | 19.7   |



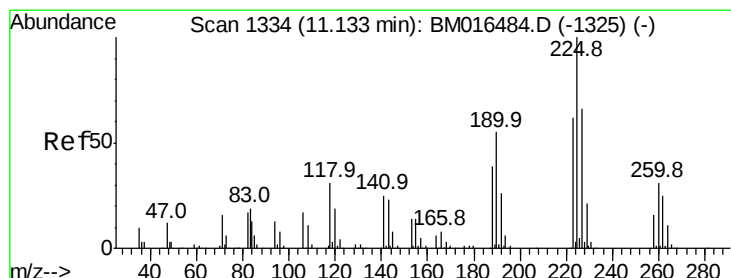
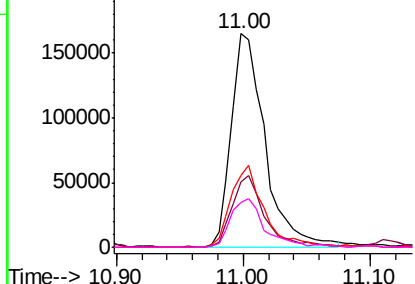
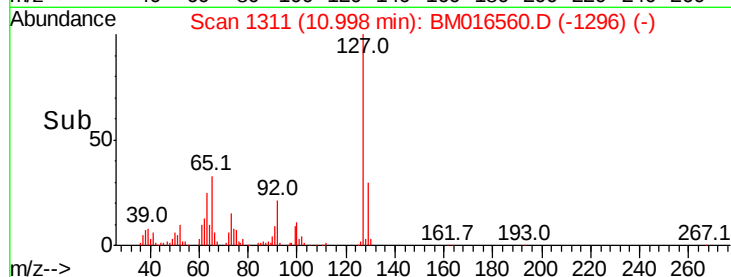
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

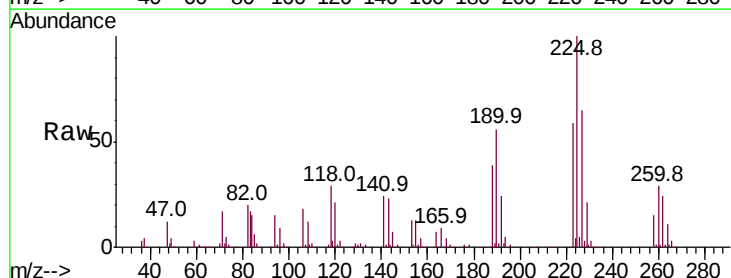
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34  
Hexachlorobutadiene  
Concen: 44.212 ng  
RT: 11.12 min Scan# 1331  
Delta R.T. -0.02 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 470232 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 59.0  | 47.9  | 71.9   |
| 227      | 64.8  | 50.1  | 75.1   |

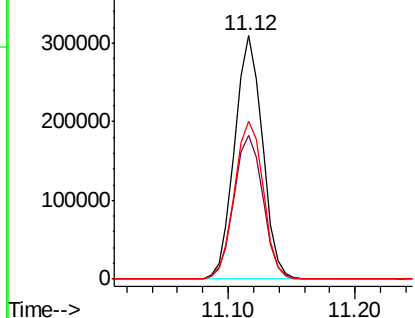
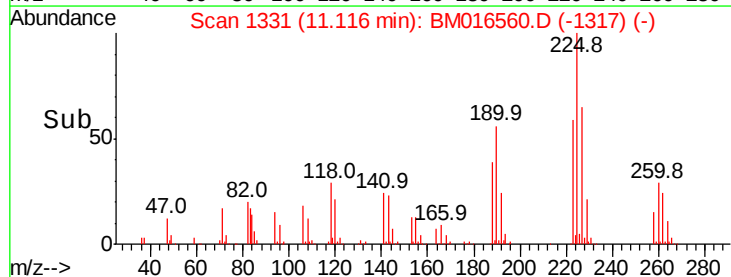


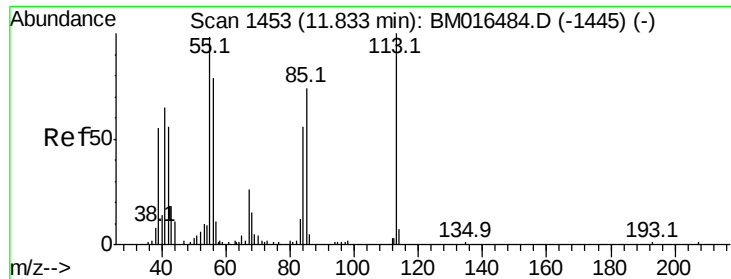
Abundance

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





#35

Caprolactam

Concen: 38.171 ng

RT: 11.83 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

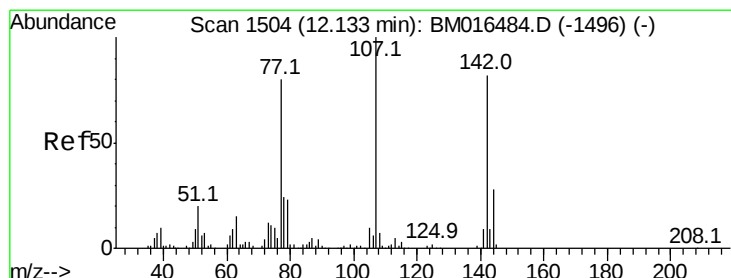
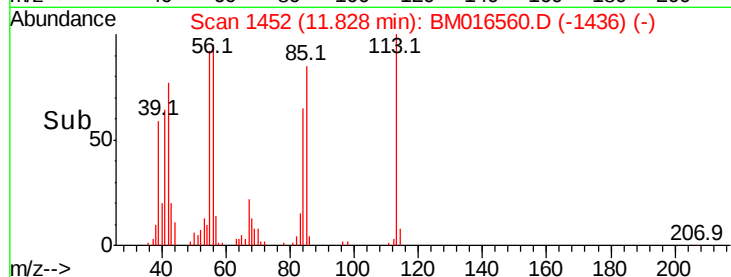
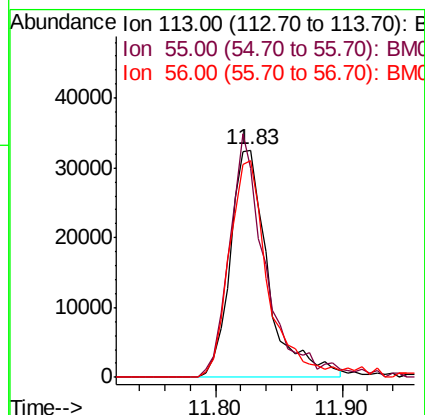
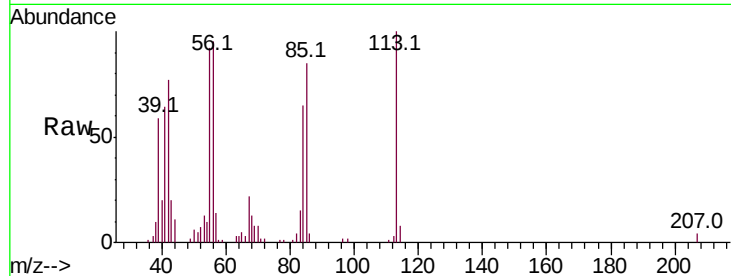
Tot Ion:113 Resp: 67264

Ion Ratio Lower Upper

113 100

55 91.9 145.9 185.9#

56 95.2 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 37.603 ng

RT: 12.12 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

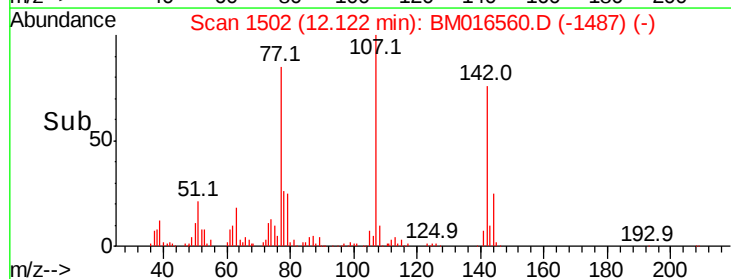
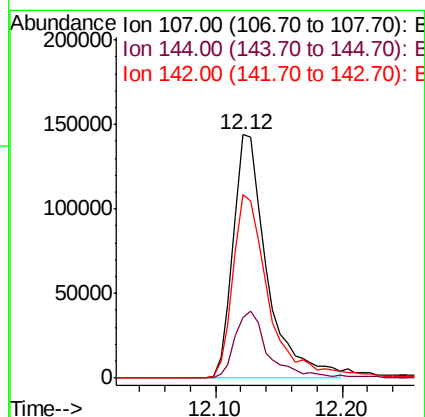
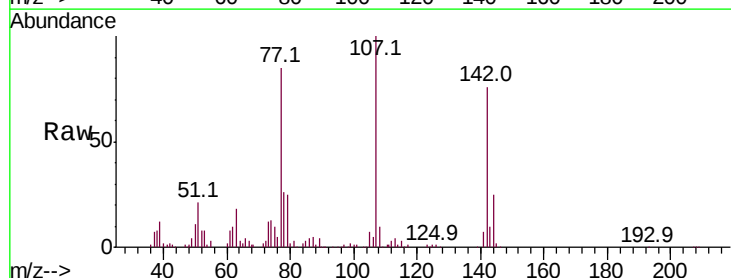
Tgt Ion:107 Resp: 265478

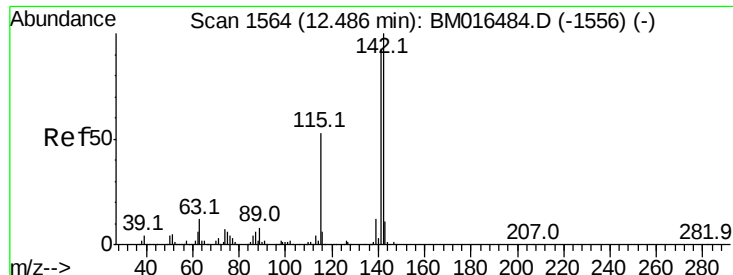
Ion Ratio Lower Upper

107 100

144 24.9 23.3 34.9

142 75.5 72.6 109.0

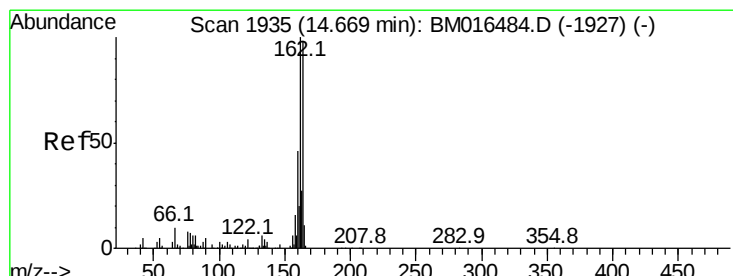
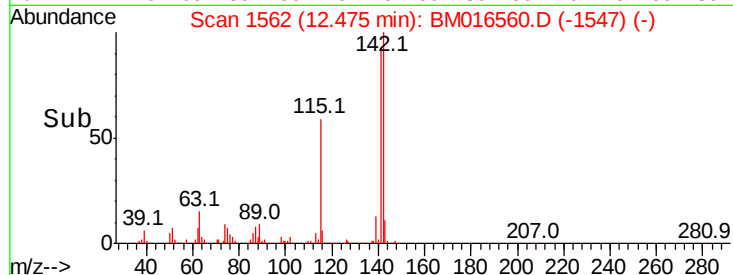
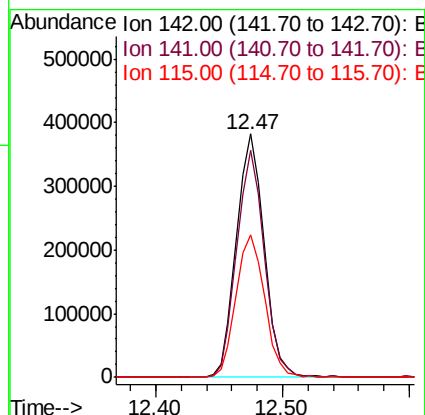
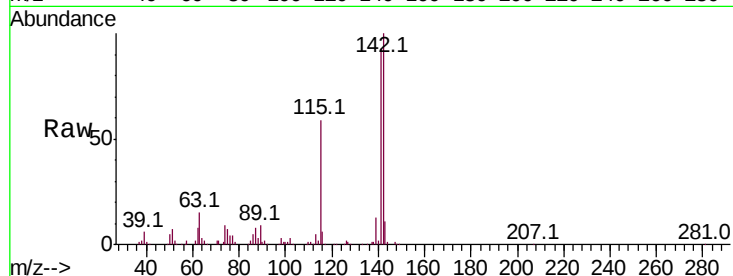




#37  
2-Methylnaphthalene  
Concen: 38.854 ng  
RT: 12.47 min Scan# 1562  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

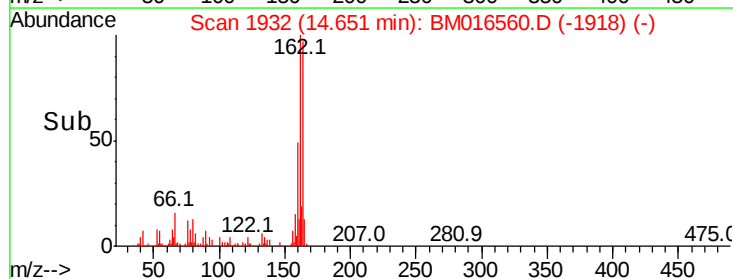
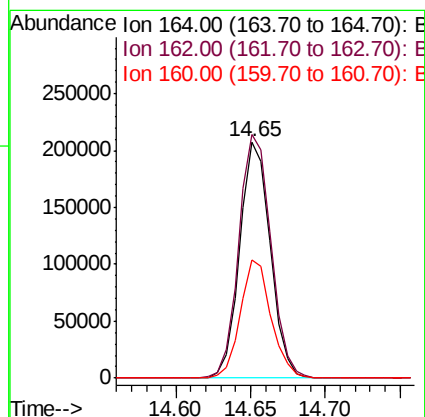
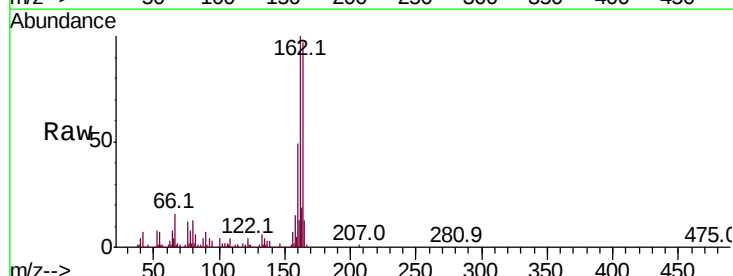
Instrument :  
BNA\_M  
ClientSampleId :

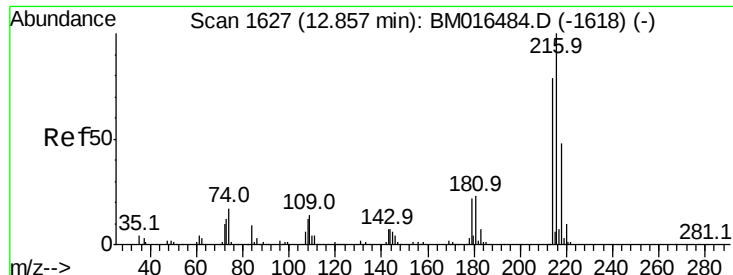
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.2  | 71.9  | 107.9 |
| 115     | 58.8  | 25.4  | 38.0  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.65 min Scan# 1932  
Delta R.T. -0.02 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.1 | 82.4  | 123.6 |
| 160     | 50.3  | 35.8  | 53.6  |

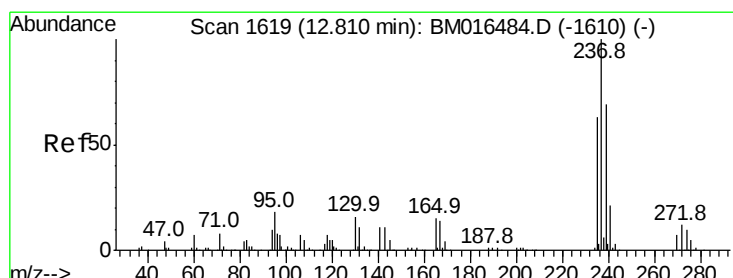
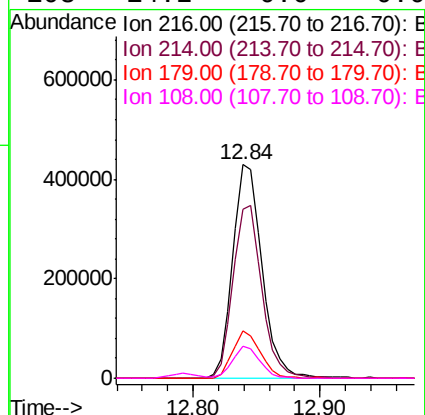
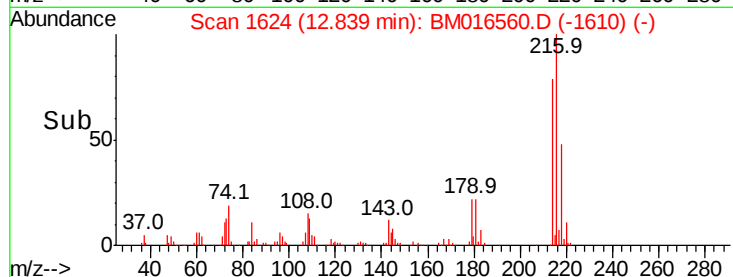
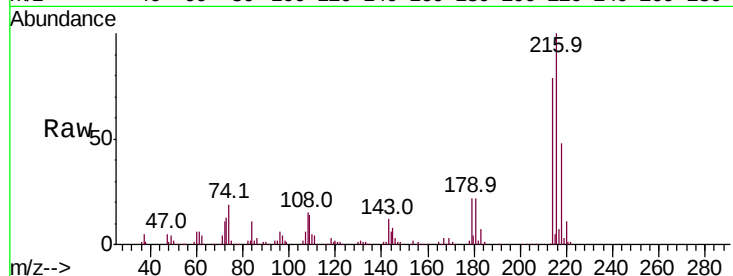




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.279 ng  
 RT: 12.84 min Scan# 1624  
 Delta R.T. -0.02 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

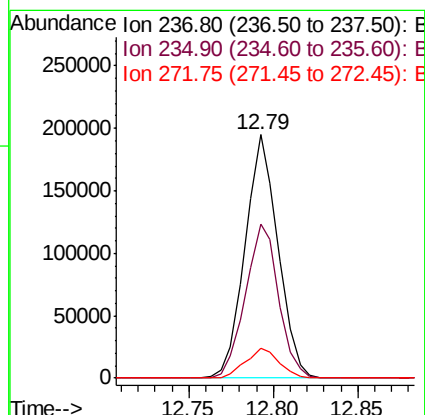
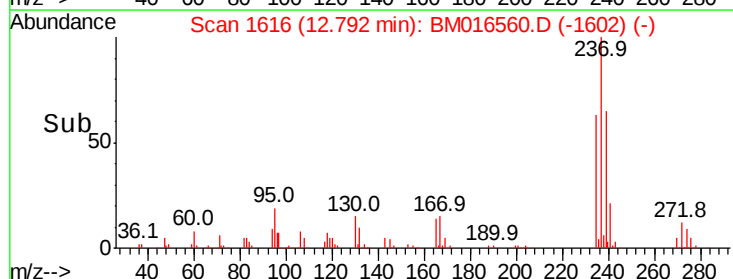
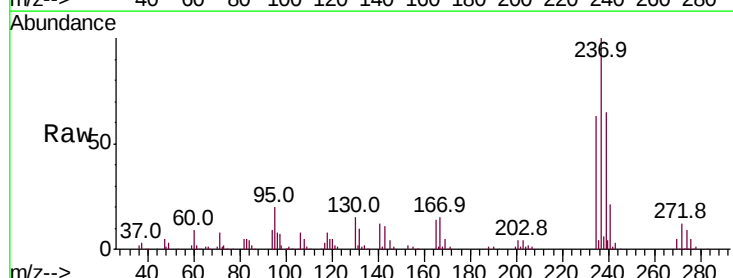
Instrument :  
 BNA\_M  
 ClientSampleId :

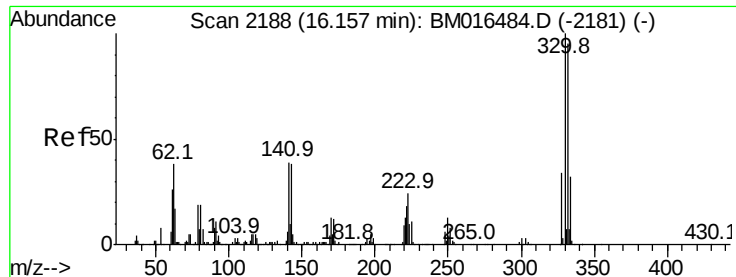
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 686193 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.5  | 0.0   | 0.0#   |
| 179      | 20.9  | 0.0   | 0.0#   |
| 108      | 14.2  | 0.0   | 0.0#   |



#40  
 Hexachlorocyclopentadiene  
 Concen: 43.833 ng  
 RT: 12.79 min Scan# 1616  
 Delta R.T. -0.02 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 264734 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.0  | 42.0  | 82.0   |
| 272      | 12.1  | 0.0   | 33.4   |

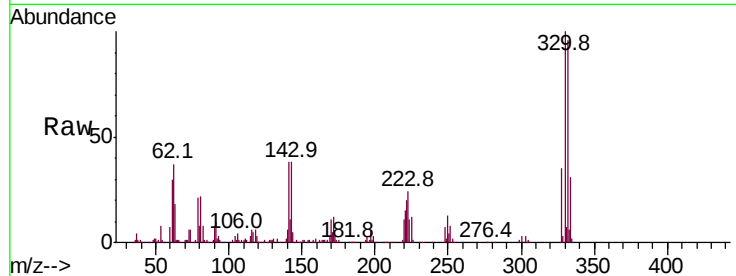




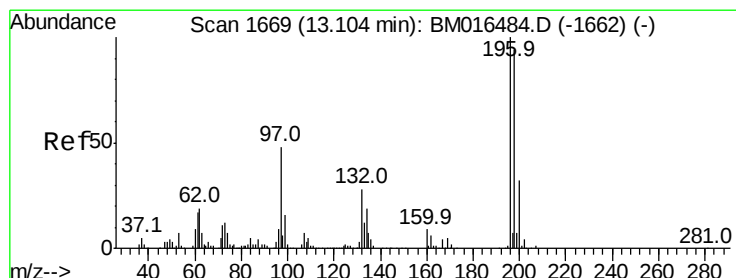
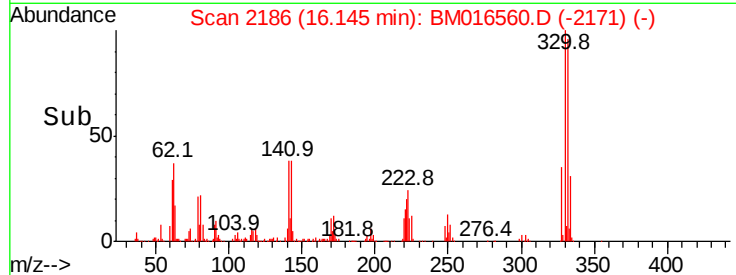
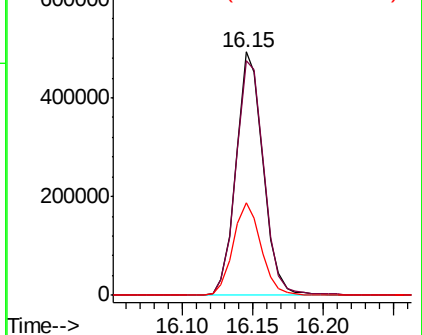
#41  
2,4,6-Tribromophenol  
Concen: 79.817 ng  
RT: 16.15 min Scan# 2186  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 99.4  | 0.0   | 0.0#  |
| 141     | 39.5  | 0.0   | 0.0#  |

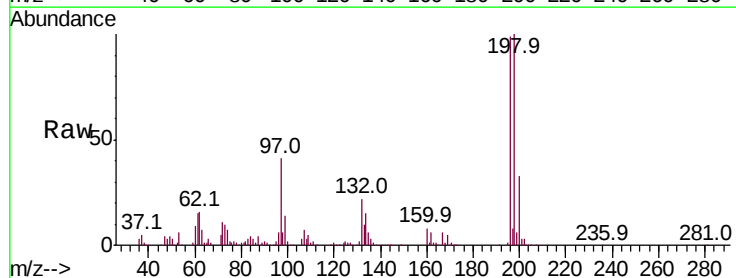


Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

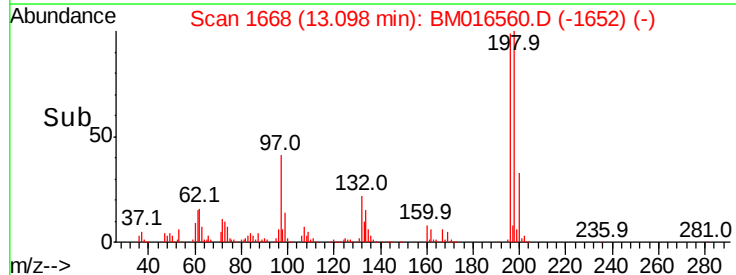
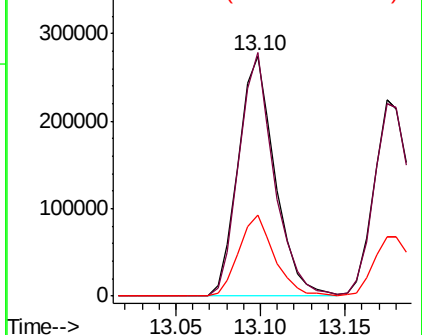


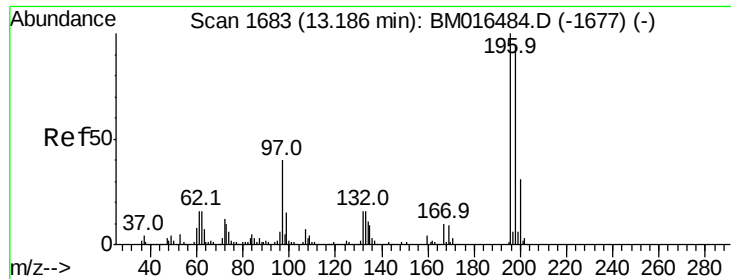
#42  
2,4,6-Trichlorophenol  
Concen: 41.884 ng  
RT: 13.10 min Scan# 1668  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 101.3 | 76.3  | 114.5 |
| 200     | 33.9  | 25.6  | 38.4  |



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E

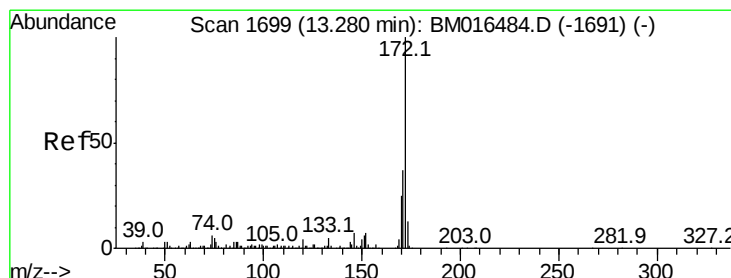
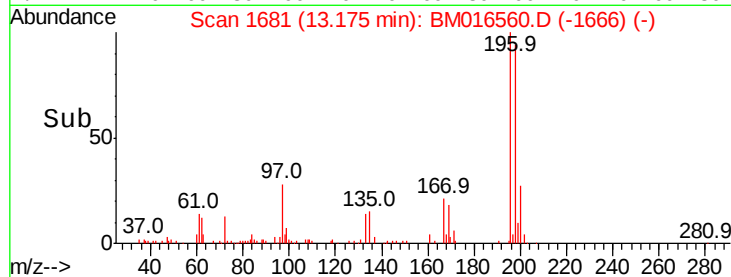
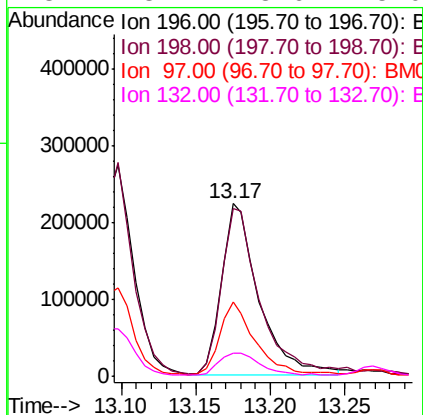
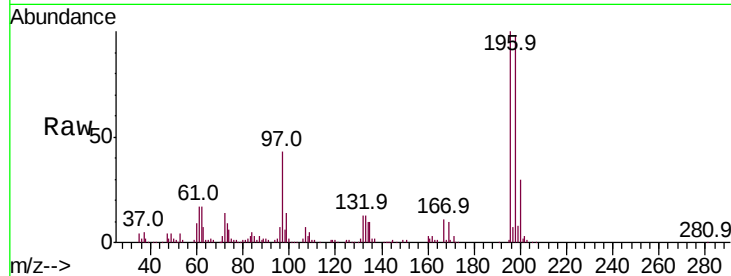




#43  
 2,4,5-Trichlorophenol  
 Concen: 40.416 ng  
 RT: 13.17 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

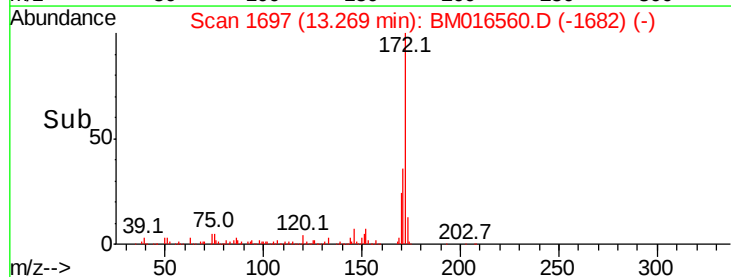
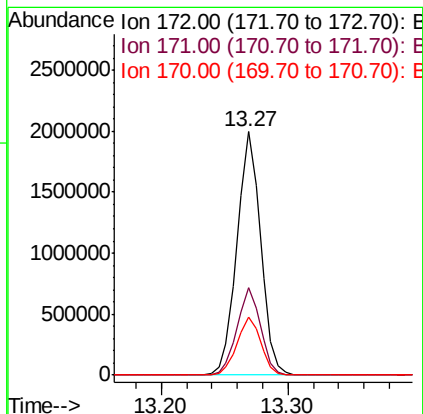
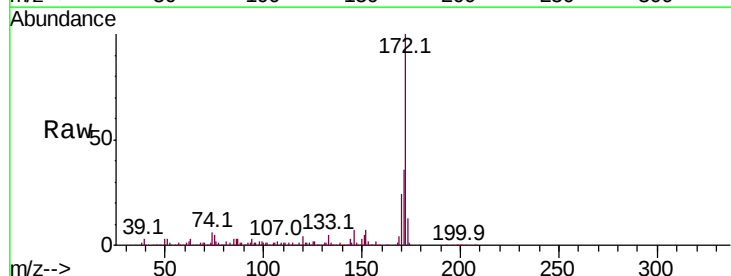
Instrument :  
 BNA\_M  
 ClientSampleId :

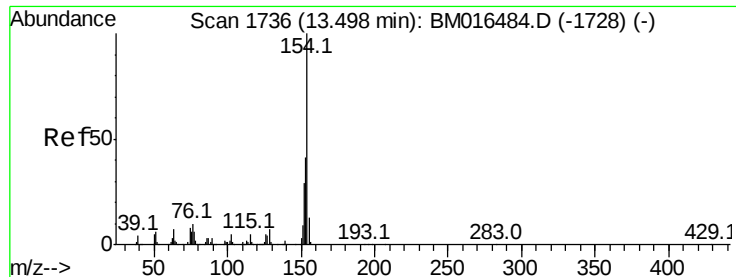
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.7  | 79.4  | 119.0 |
| 97      | 42.9  | 26.8  | 40.2  |
| 132     | 13.4  | 18.6  | 28.0  |



#44  
 2-Fluorobiphenyl  
 Concen: 83.817 ng  
 RT: 13.27 min Scan# 1697  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 28.5  | 42.7  |
| 170     | 23.9  | 18.8  | 28.2  |





#45

1,1'-Biphenyl

Concen: 35.929 ng

RT: 13.48 min Scan# 1733

Delta R.T. -0.02 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

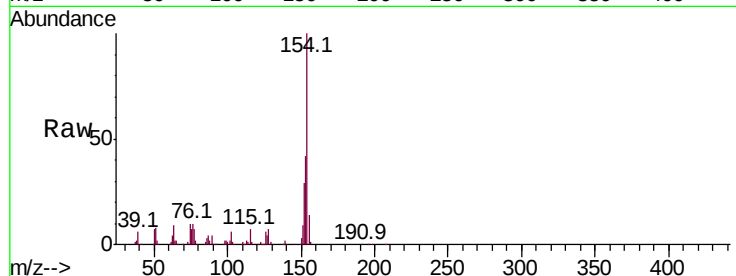
Tot Ion:154 Resp: 927284

Ion Ratio Lower Upper

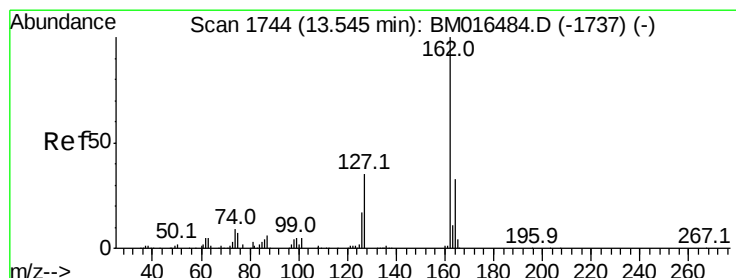
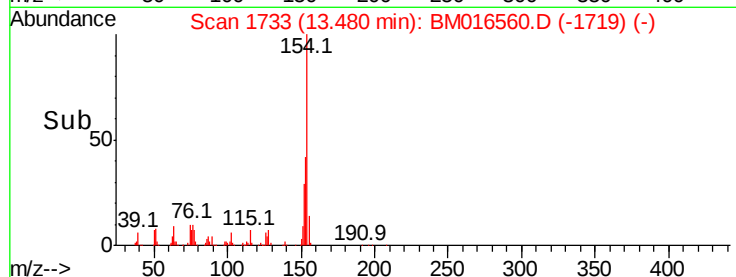
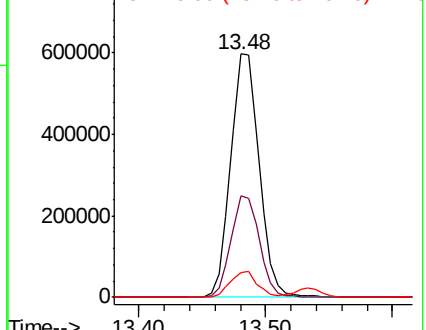
154 100

153 42.0 20.7 60.7

76 10.3 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 37.392 ng

RT: 13.53 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

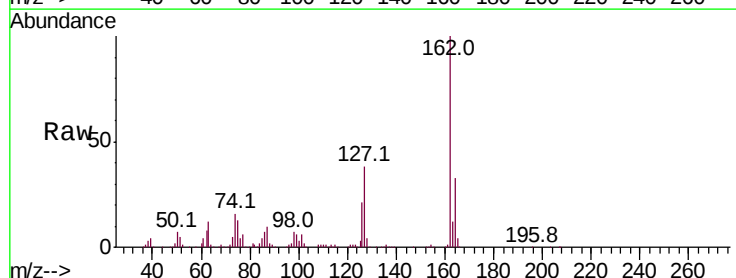
Tgt Ion:162 Resp: 784037

Ion Ratio Lower Upper

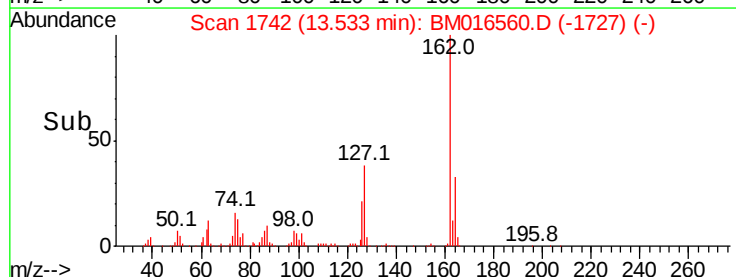
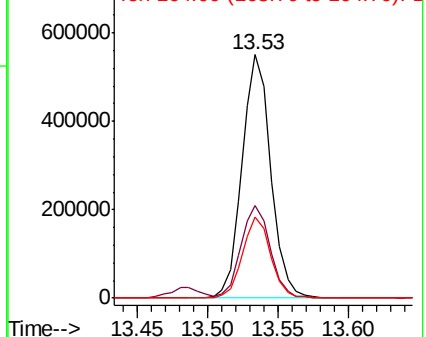
162 100

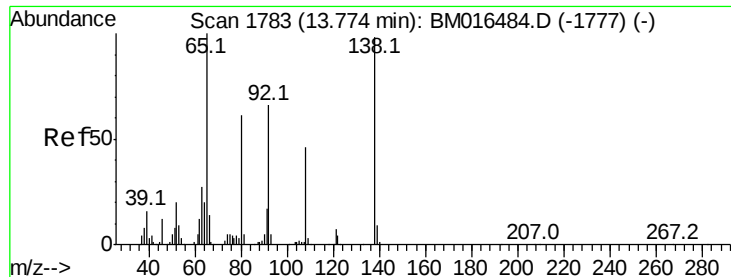
127 37.8 26.9 40.3

164 33.3 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.316 ng

RT: 13.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

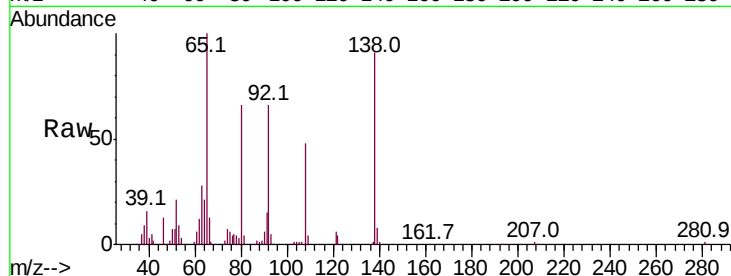
Tot Ion: 65 Resp: 208410

Ion Ratio Lower Upper

65 100

92 66.2 59.1 88.7

138 90.7 93.9 140.9#

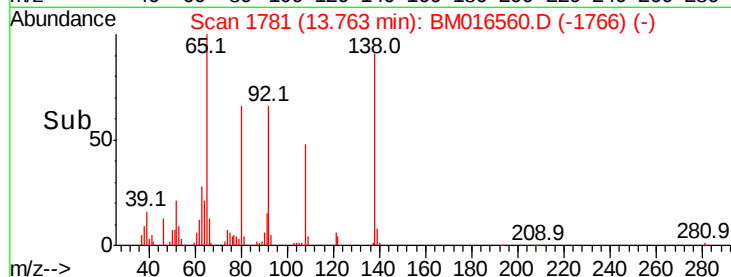


Abundance Ion 65.00 (64.70 to 65.70): BM016560.D (-1777) (-)

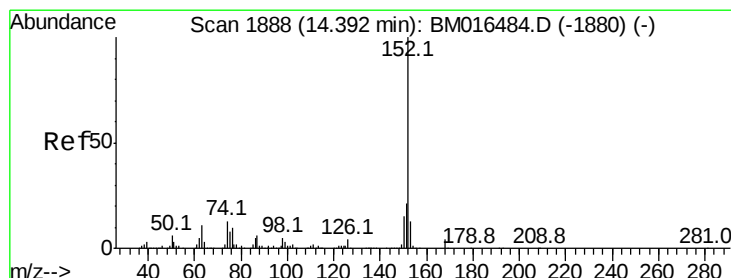
Ion 92.00 (91.70 to 92.70): BM016560.D (-1777) (-)

Ion 138.00 (137.70 to 138.70): BM016560.D (-1777) (-)

13.76



Time-->



#48

Acenaphthylene

Concen: 36.942 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

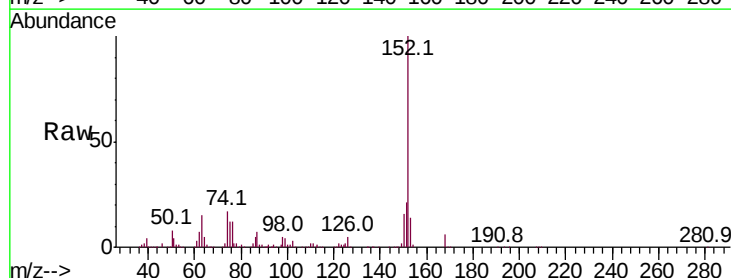
Tgt Ion: 152 Resp: 1093417

Ion Ratio Lower Upper

152 100

151 20.8 15.9 23.9

153 13.7 10.6 16.0

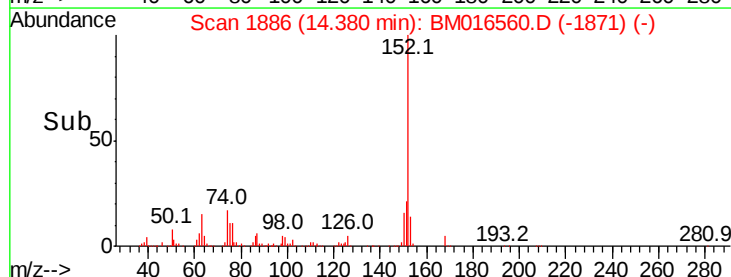


Abundance Ion 152.00 (151.70 to 152.70): BM016560.D (-1871) (-)

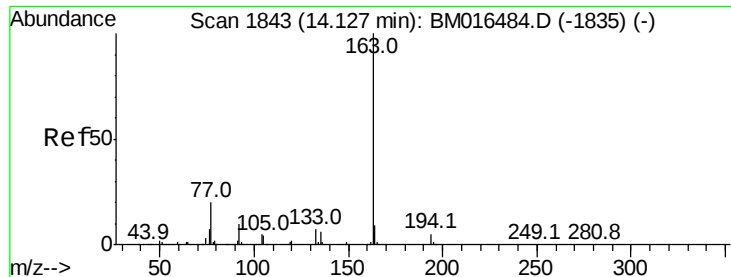
Ion 151.00 (150.70 to 151.70): BM016560.D (-1871) (-)

Ion 153.00 (152.70 to 153.70): BM016560.D (-1871) (-)

14.38



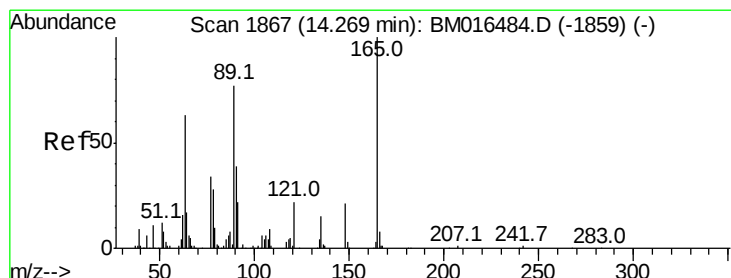
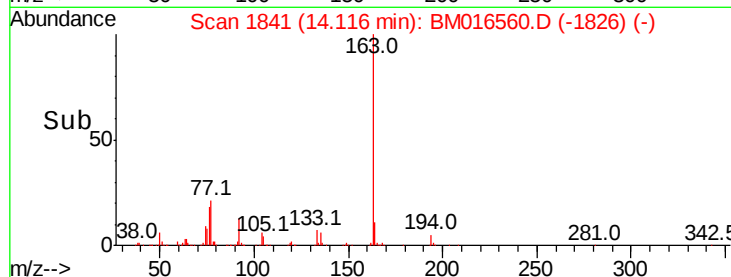
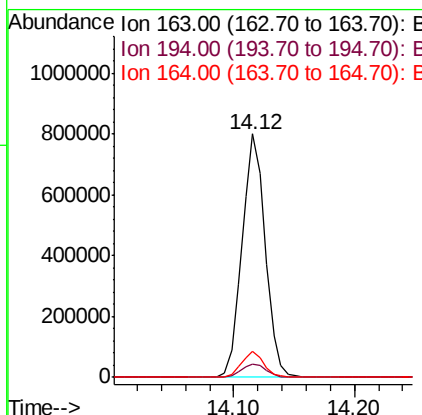
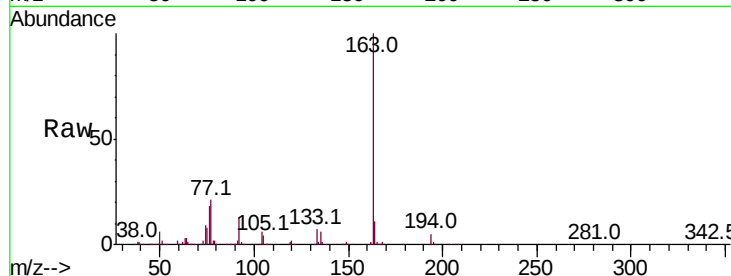
Time-->



#49  
Dimethylphthalate  
Concen: 38.029 ng  
RT: 14.12 min Scan# 1841  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

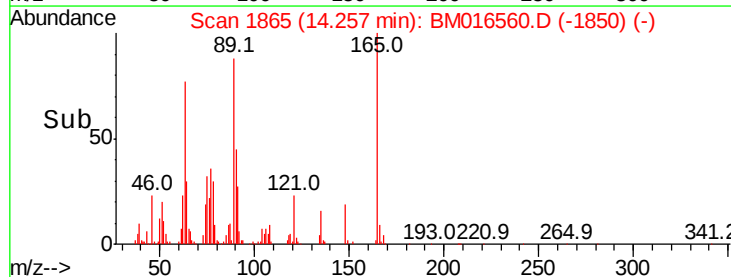
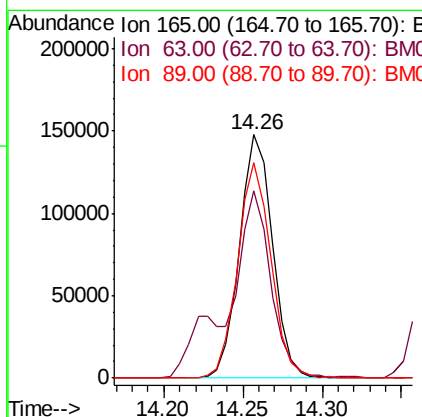
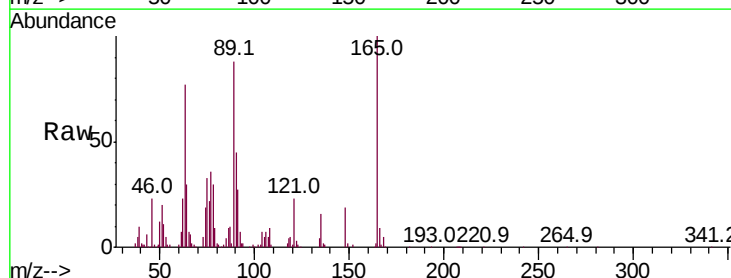
Instrument :  
BNA\_M  
ClientSampleId :

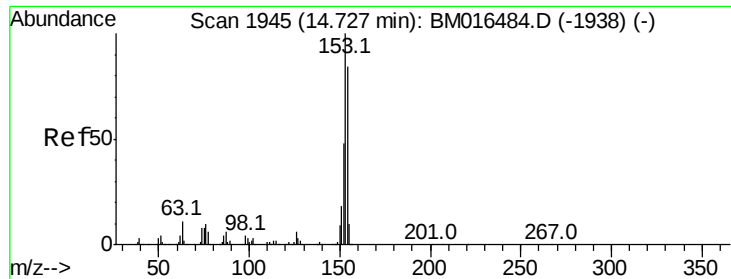
Tot Ion:163 Resp: 1075374  
Ion Ratio Lower Upper  
163 100  
194 5.4 2.7 4.1#  
164 10.8 8.2 12.2



#50  
2,6-Dinitrotoluene  
Concen: 38.815 ng  
RT: 14.26 min Scan# 1865  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Tgt Ion:165 Resp: 214090  
Ion Ratio Lower Upper  
165 100  
63 77.1 44.1 66.1#  
89 88.4 44.3 66.5#





#51

Acenaphthene

Concen: 37.593 ng

RT: 14.72 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

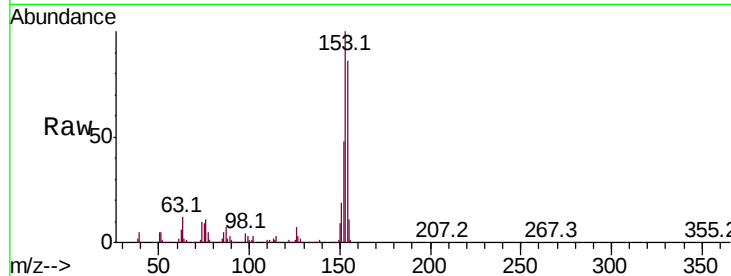
Tot Ion:154 Resp: 683575

Ion Ratio Lower Upper

154 100

153 115.8 90.0 135.0

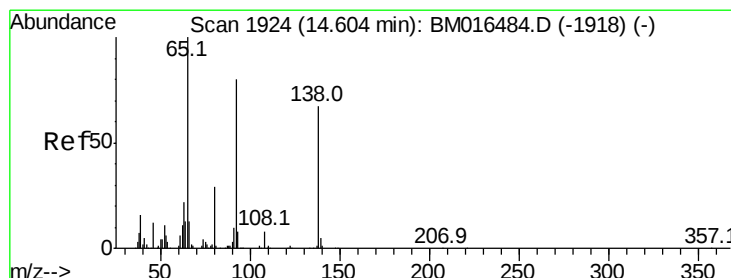
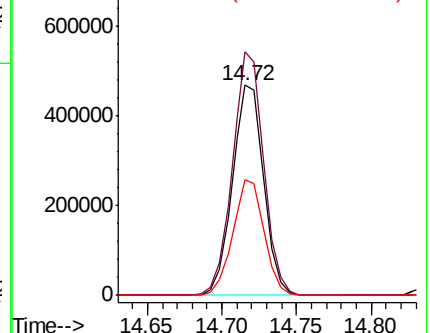
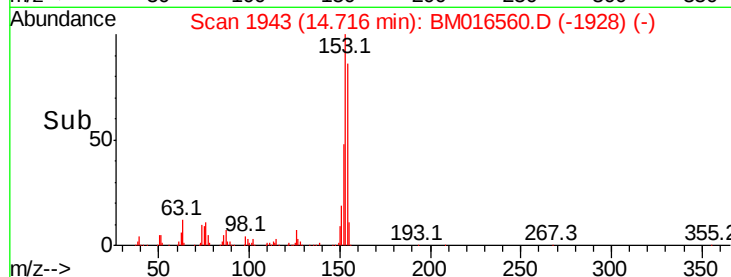
152 55.1 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.460 ng

RT: 14.60 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

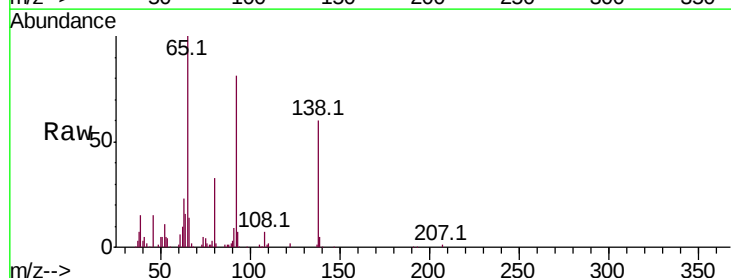
Tgt Ion:138 Resp: 172943

Ion Ratio Lower Upper

138 100

108 11.5 7.3 10.9#

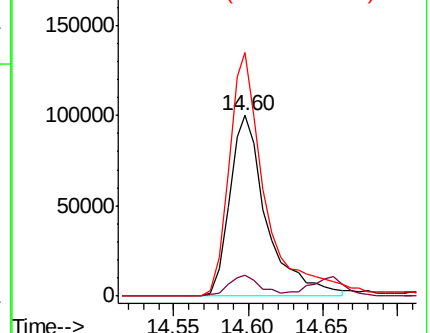
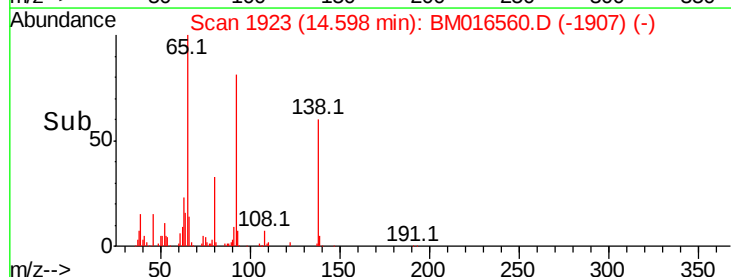
92 134.7 76.6 114.8#

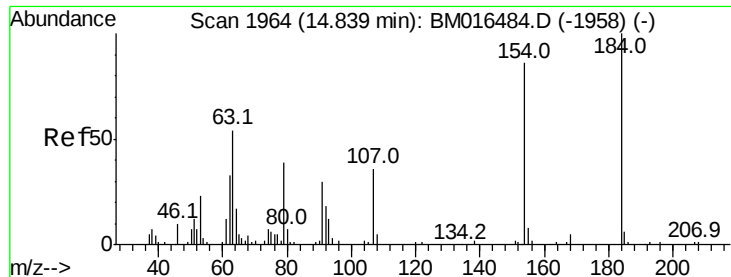


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

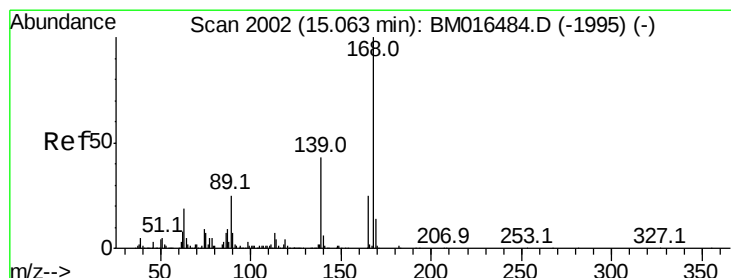
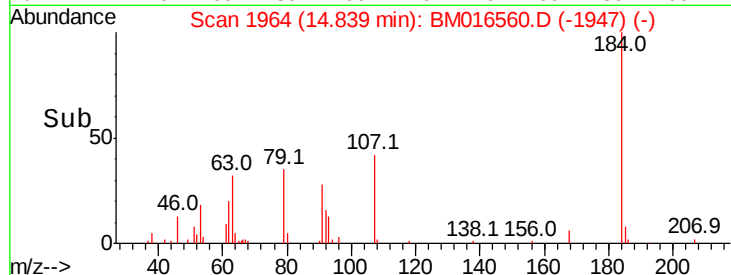
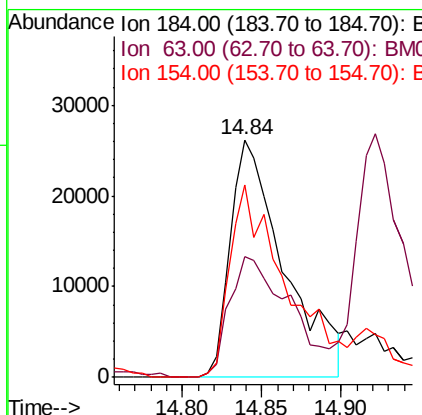
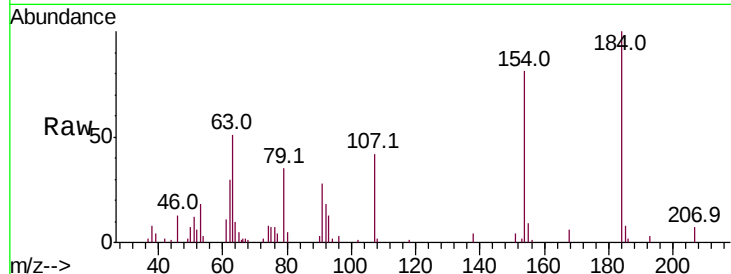




#53  
 2,4-Dinitrophenol  
 Concen: 22.388 ng  
 RT: 14.84 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

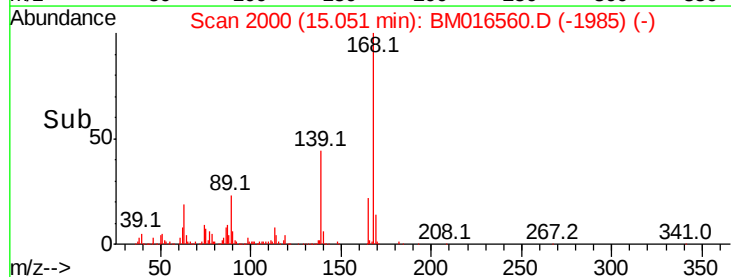
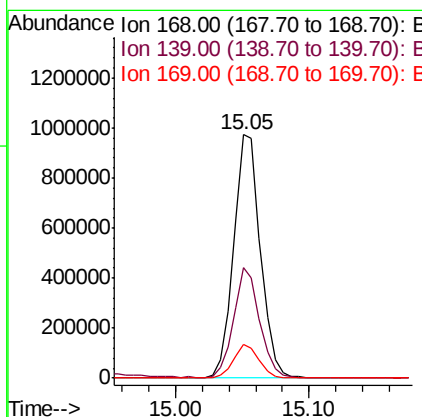
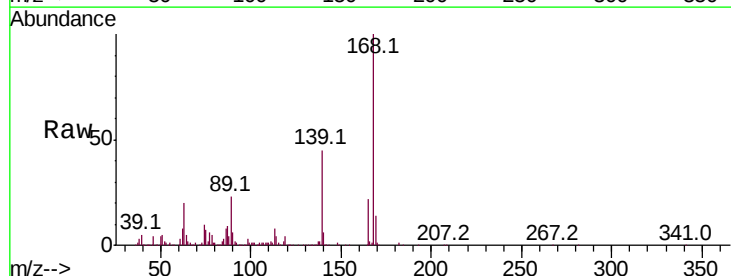
Instrument :  
 BNA\_M  
 ClientSampleId :

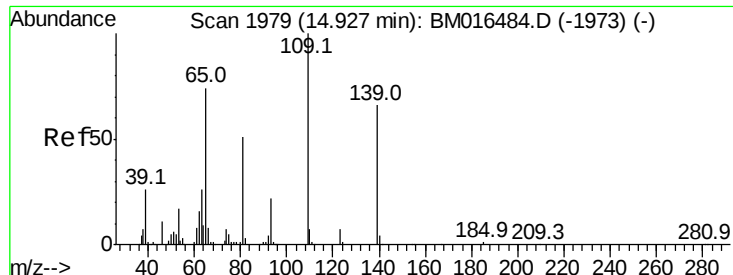
Tot Ion:184 Resp: 61795  
 Ion Ratio Lower Upper  
 184 100  
 63 50.7 69.2 103.8#  
 154 81.0 53.3 79.9#



#54  
 Dibenzofuran  
 Concen: 39.108 ng  
 RT: 15.05 min Scan# 2000  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

Tgt Ion:168 Resp: 1361324  
 Ion Ratio Lower Upper  
 168 100  
 139 45.2 27.3 40.9#  
 169 13.6 10.6 16.0

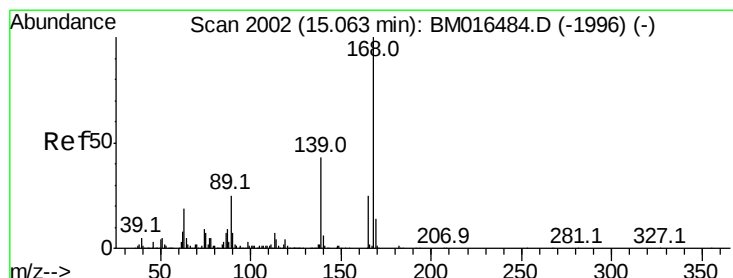
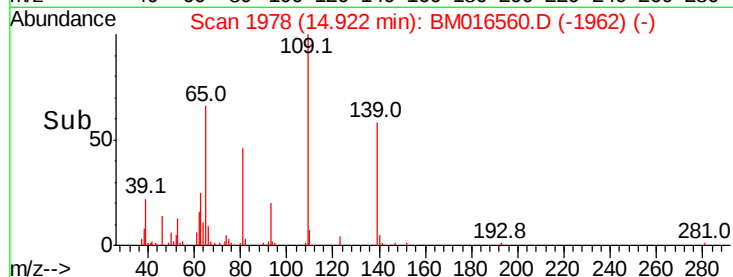
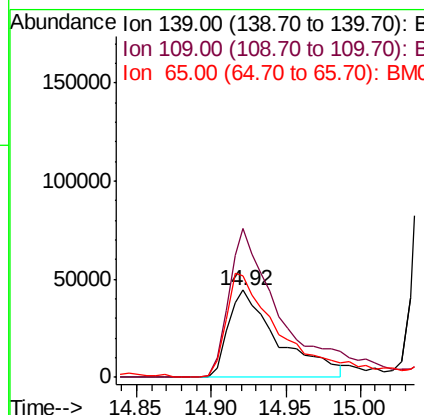
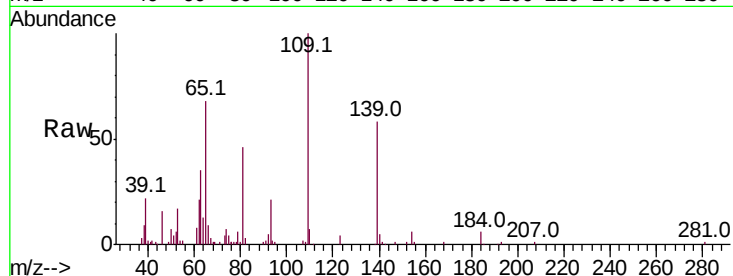




#55  
4-Nitrophenol  
Concen: 32.507 ng  
RT: 14.92 min Scan# 1978  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

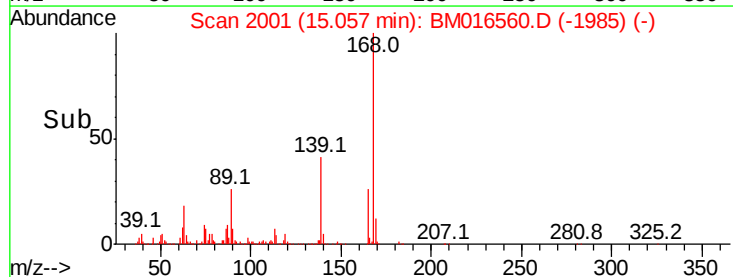
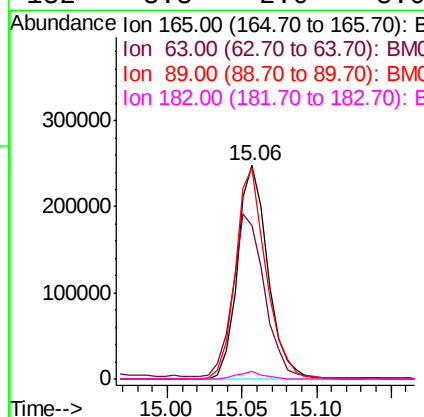
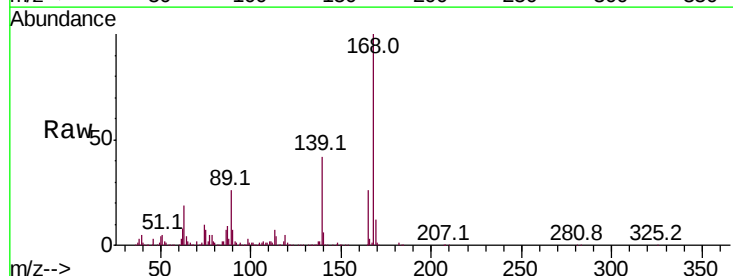
Instrument :  
BNA\_M  
ClientSampleId :

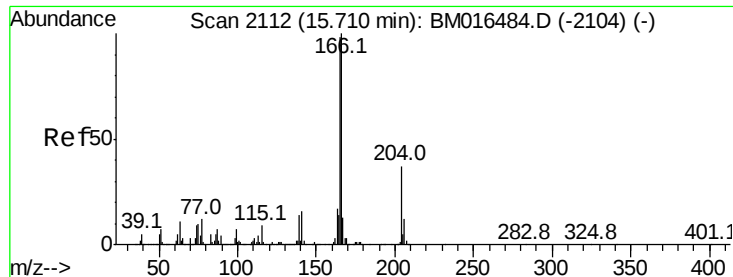
Tot Ion:139 Resp: 104054  
Ion Ratio Lower Upper  
139 100  
109 171.8 130.0 170.0#  
65 117.4 130.0 170.0#



#56  
2,4-Dinitrotoluene  
Concen: 38.104 ng  
RT: 15.06 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Tgt Ion:165 Resp: 350450  
Ion Ratio Lower Upper  
165 100  
63 72.0 52.4 78.6  
89 98.8 72.4 108.6  
182 3.8 2.0 3.0#

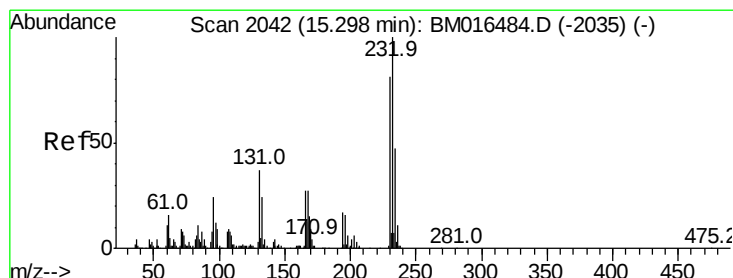
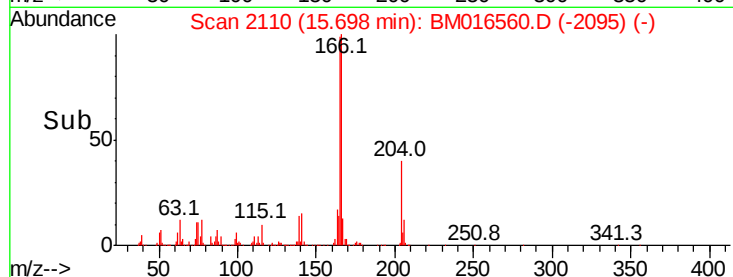
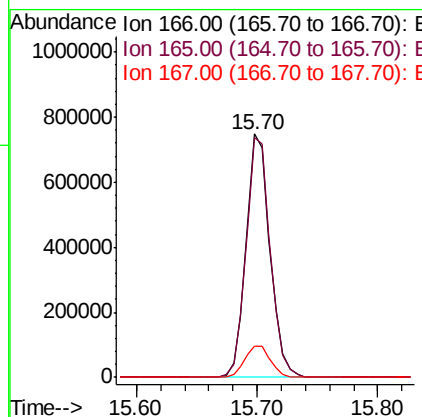
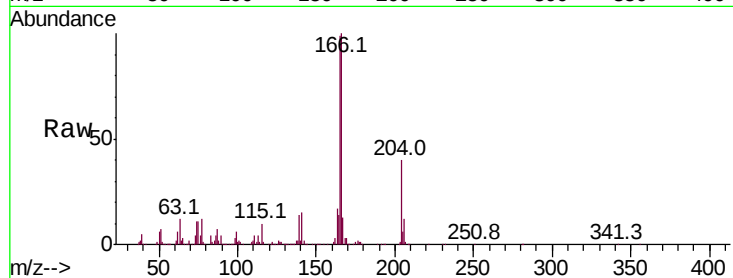




#57  
 Fluorene  
 Concen: 39.283 ng  
 RT: 15.70 min Scan# 2110  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

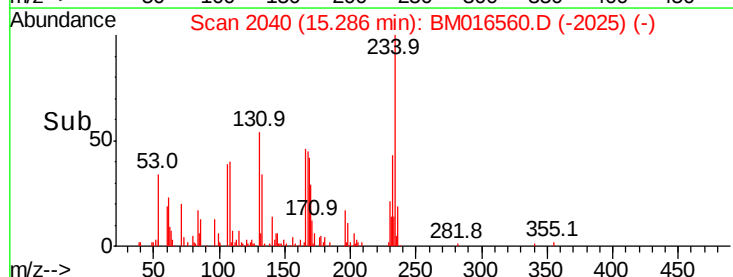
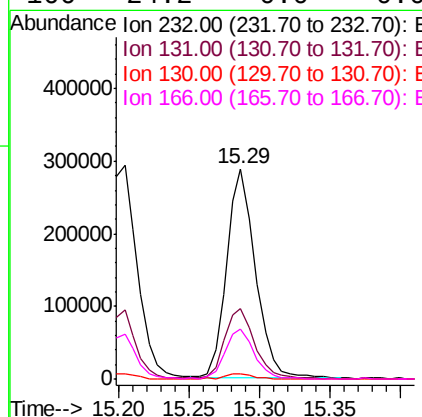
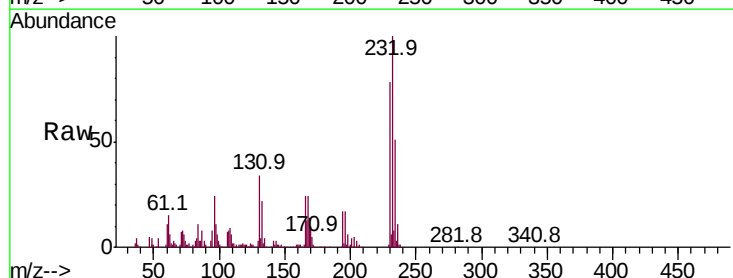
Instrument :  
 BNA\_M  
 ClientSampled :

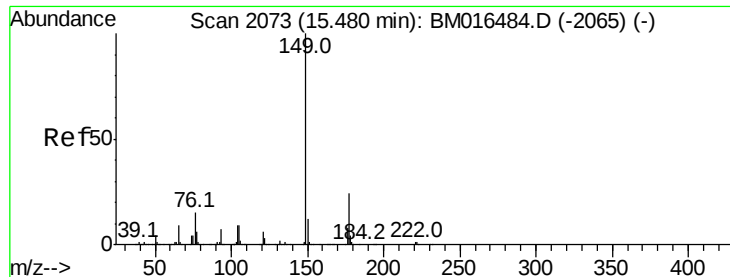
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.6  | 79.0  | 118.4 |
| 167     | 12.8  | 10.3  | 15.5  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.634 ng  
 RT: 15.29 min Scan# 2040  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 34.9  | 0.0   | 0.0#  |
| 130     | 2.8   | 0.0   | 0.0#  |
| 166     | 24.2  | 0.0   | 0.0#  |

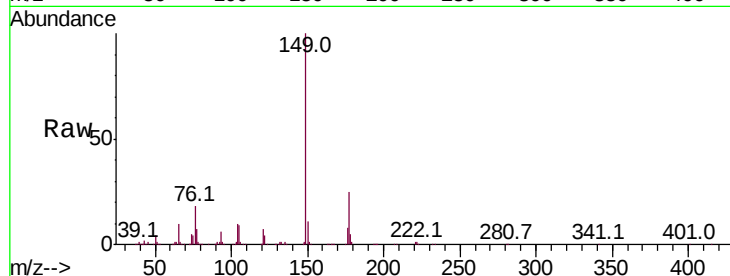




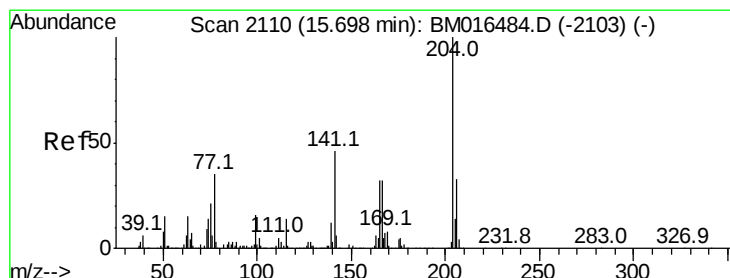
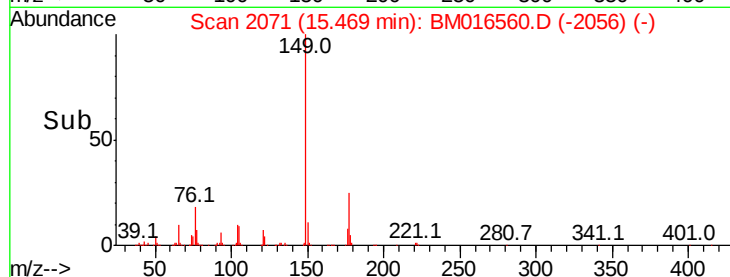
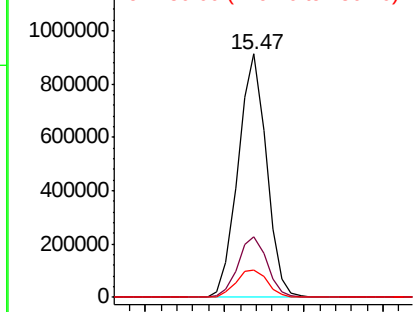
#59  
Diethylphthalate  
Concen: 38.442 ng  
RT: 15.47 min Scan# 2071  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:149 Resp: 1133466  
Ion Ratio Lower Upper  
149 100  
177 24.6 18.3 27.5  
150 11.3 9.8 14.8

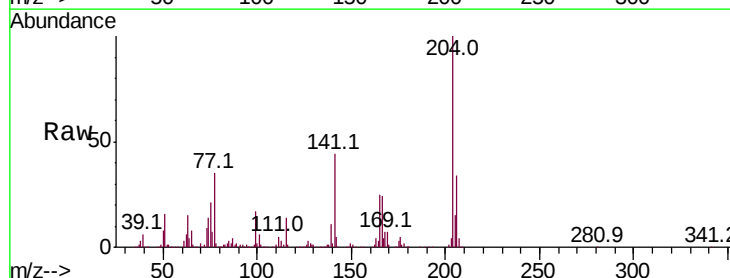


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

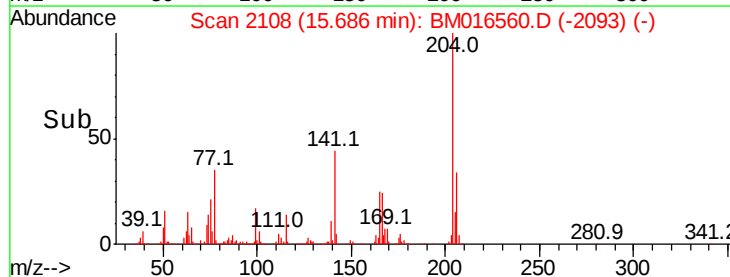
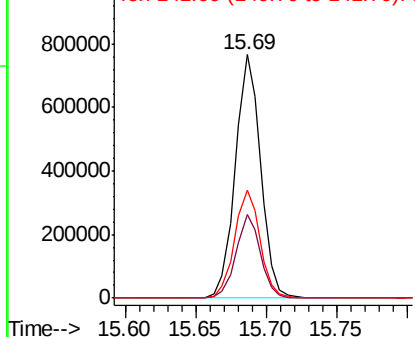


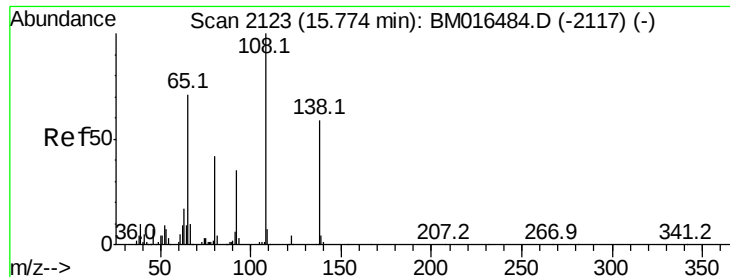
#60  
4-Chlorophenyl-phenylether  
Concen: 43.330 ng  
RT: 15.69 min Scan# 2108  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Tgt Ion:204 Resp: 955524  
Ion Ratio Lower Upper  
204 100  
206 34.3 26.6 39.8  
141 44.3 45.2 67.8#



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

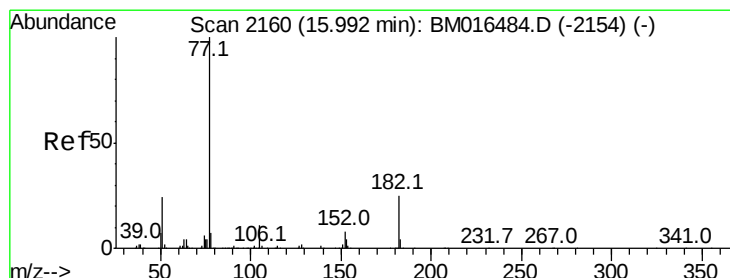
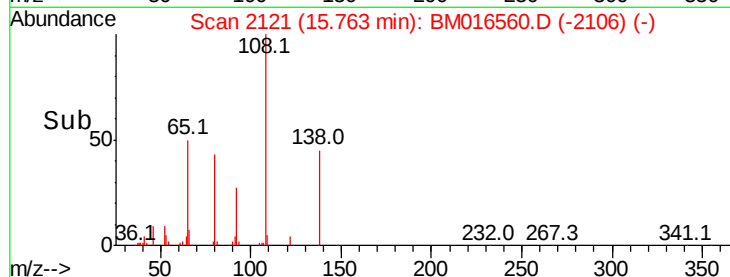
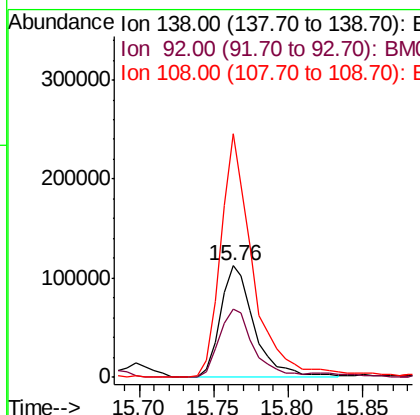
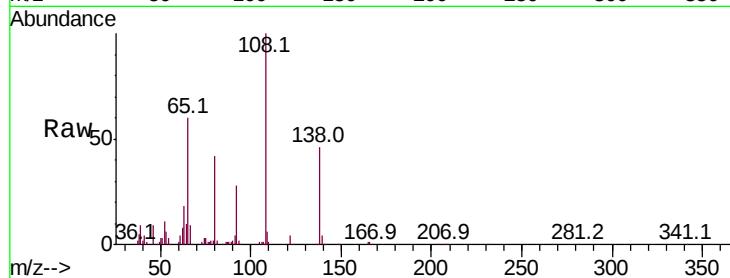




#61  
 4-Nitroaniline  
 Concen: 36.604 ng  
 RT: 15.76 min Scan# 2121  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

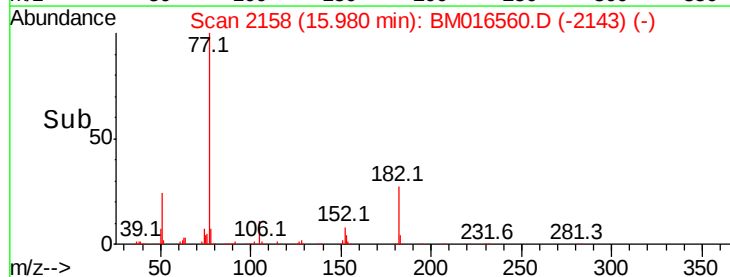
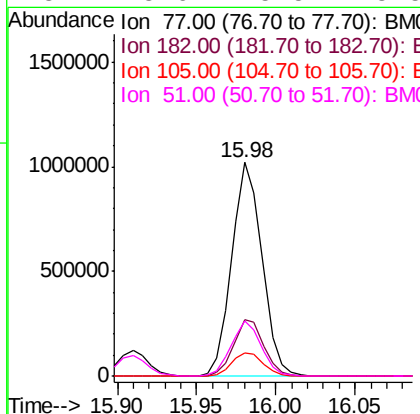
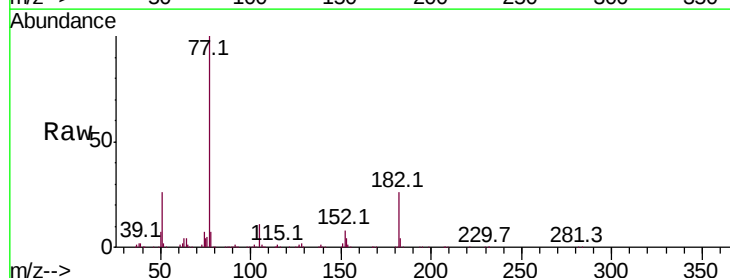
Instrument :  
 BNA\_M  
 ClientSampled :

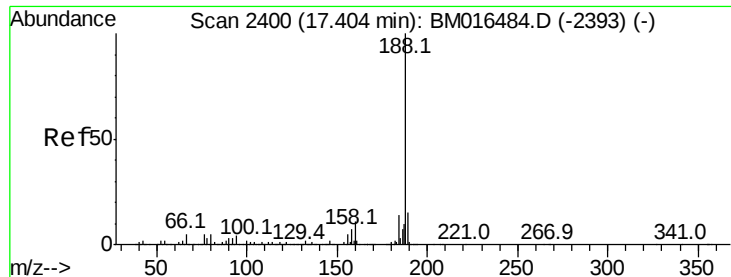
Tot Ion:138 Resp: 179535  
 Ion Ratio Lower Upper  
 138 100  
 92 60.5 16.7 56.7#  
 108 217.9 37.6 77.6#



#62  
 Azobenzene  
 Concen: 42.773 ng  
 RT: 15.98 min Scan# 2158  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

Tgt Ion: 77 Resp: 1343283  
 Ion Ratio Lower Upper  
 77 100  
 182 26.2 6.5 46.5  
 105 11.1 3.8 43.8  
 51 25.6 5.5 45.5

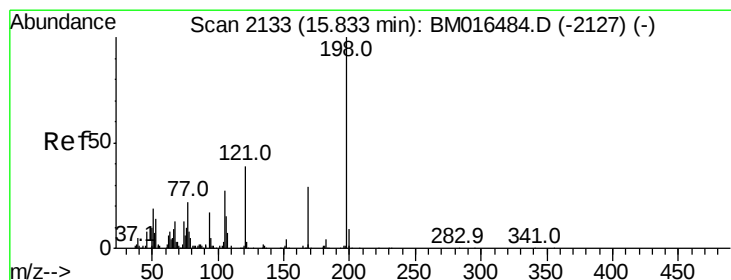
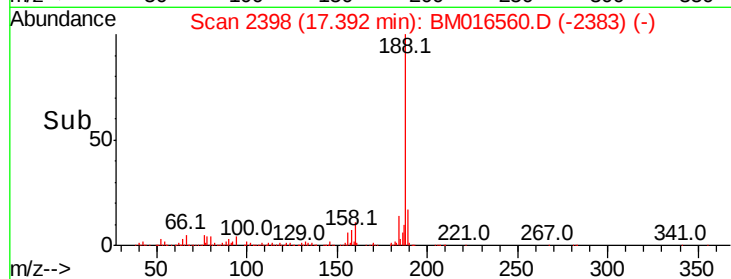
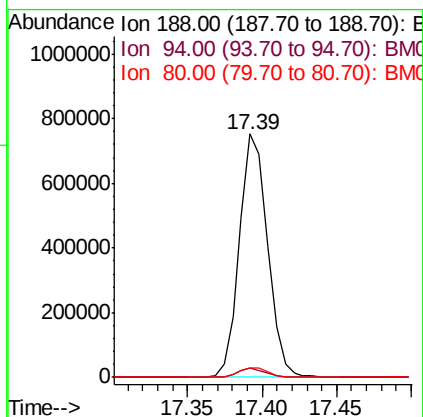
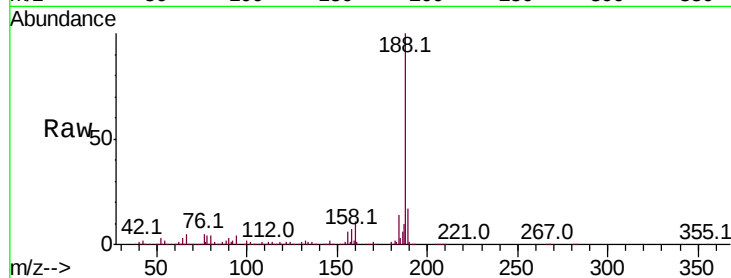




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2398  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

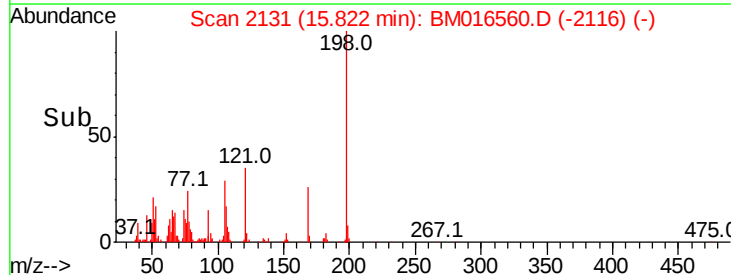
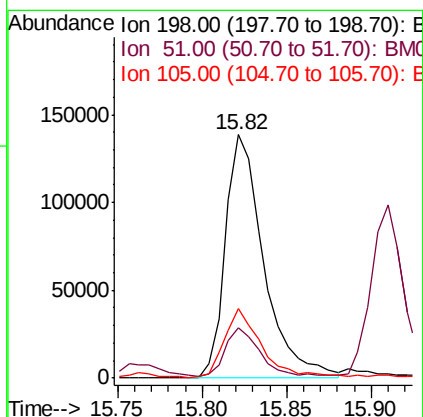
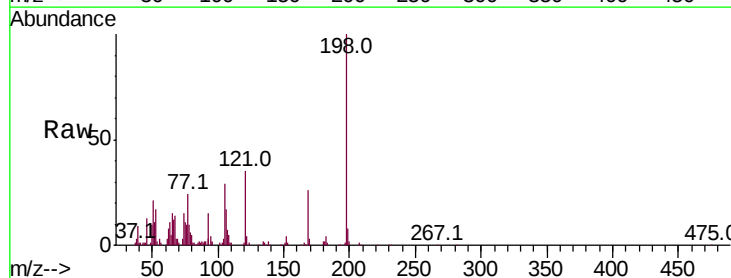
Instrument :  
BNA\_M  
ClientSampled :

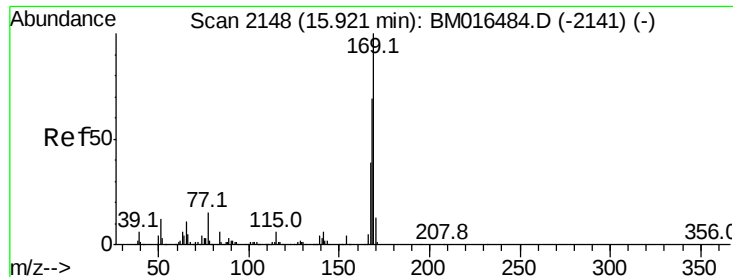
Tot Ion:188 Resp: 989462  
Ion Ratio Lower Upper  
188 100  
94 3.7 8.7 13.1#  
80 4.1 9.3 13.9#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 29.232 ng  
RT: 15.82 min Scan# 2131  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Tgt Ion:198 Resp: 219768  
Ion Ratio Lower Upper  
198 100  
51 20.9 28.8 68.8#  
105 28.5 30.5 70.5#

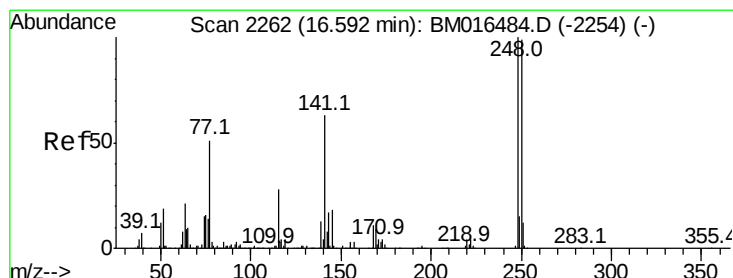
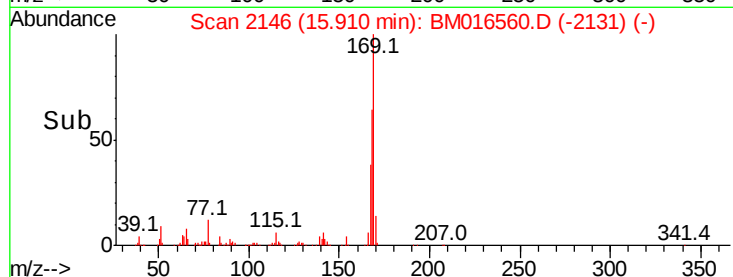
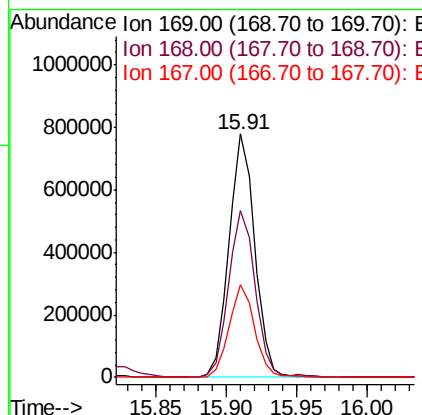
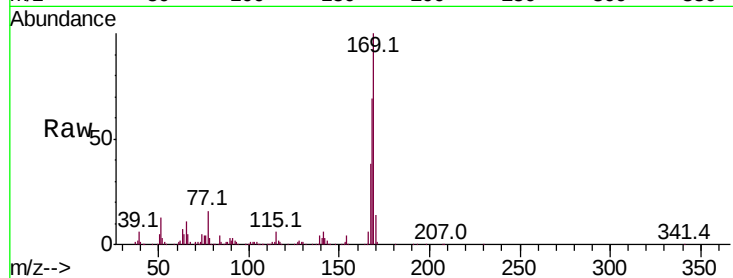




#65  
 n-Nitrosodiphenylamine  
 Concen: 35.561 ng  
 RT: 15.91 min Scan# 2146  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

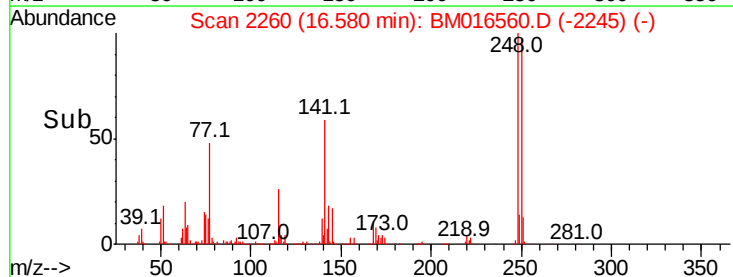
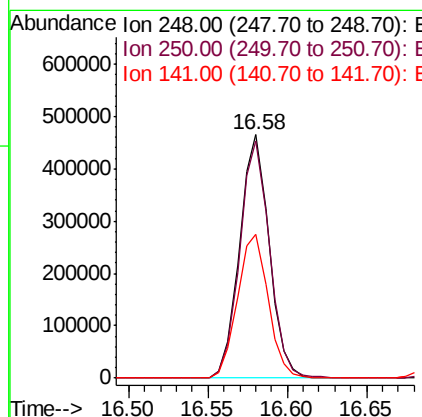
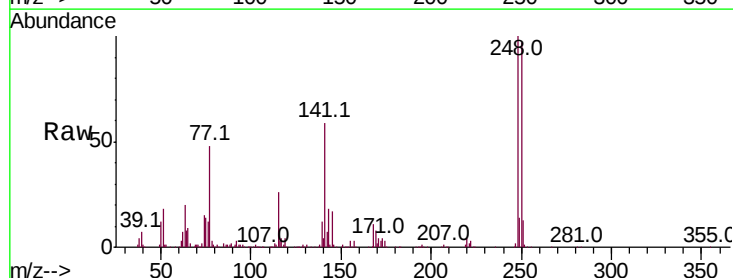
Instrument :  
 BNA\_M  
 ClientSampled :

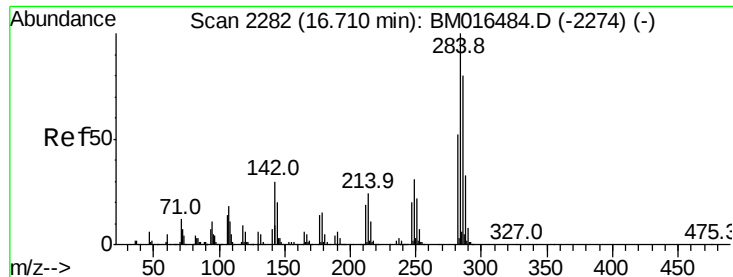
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 989858 |       |       |
| 168     | 68.6  |        | 53.9  | 80.9  |
| 167     | 38.0  |        | 28.9  | 43.3  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 39.661 ng  
 RT: 16.58 min Scan# 2260  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 602990 |       |       |
| 250     | 97.3  |        | 77.4  | 116.0 |
| 141     | 59.3  |        | 45.2  | 67.8  |





#67

Hexachlorobenzene

Concen: 39.644 ng

RT: 16.70 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

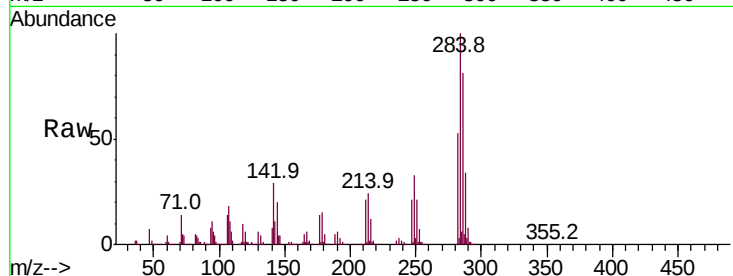
Tot Ion:284 Resp: 702882

Ion Ratio Lower Upper

284 100

142 29.4 20.4 30.6

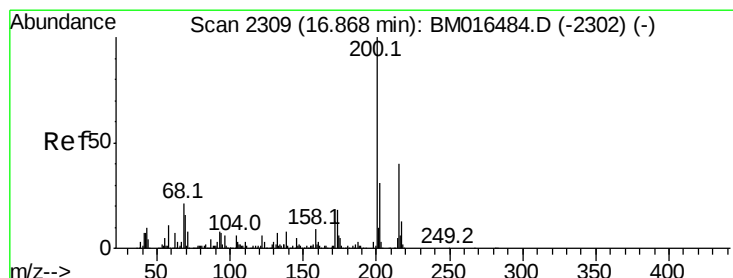
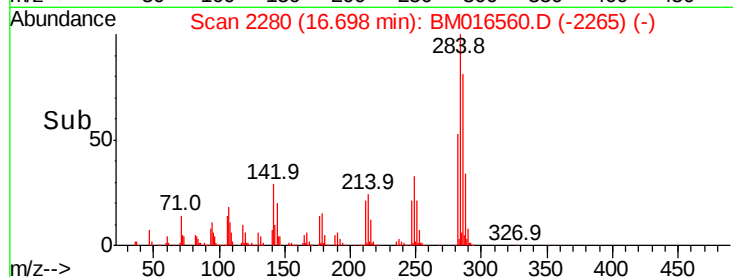
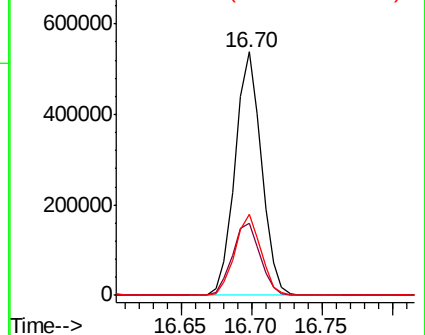
249 33.4 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.805 ng

RT: 16.86 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

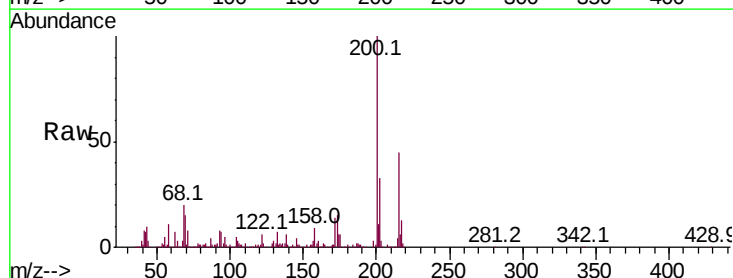
Tgt Ion:200 Resp: 518366

Ion Ratio Lower Upper

200 100

173 15.3 4.8 44.8

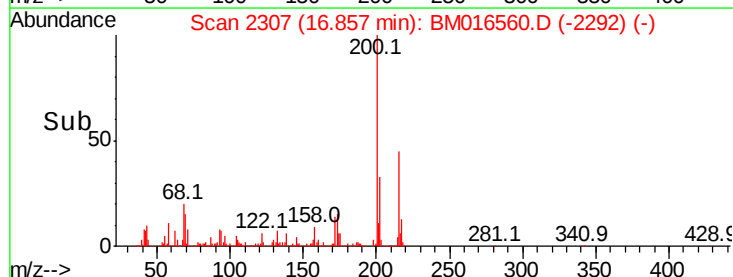
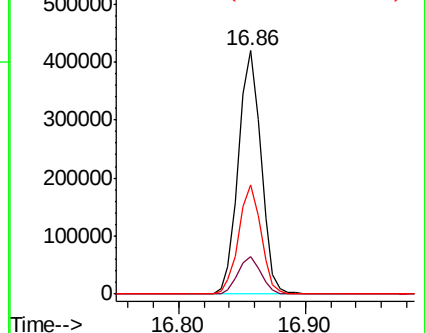
215 44.7 26.9 66.9

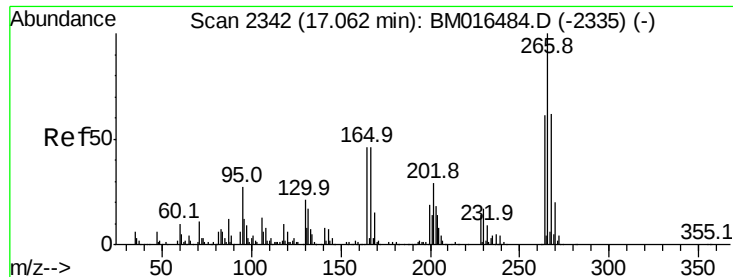


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

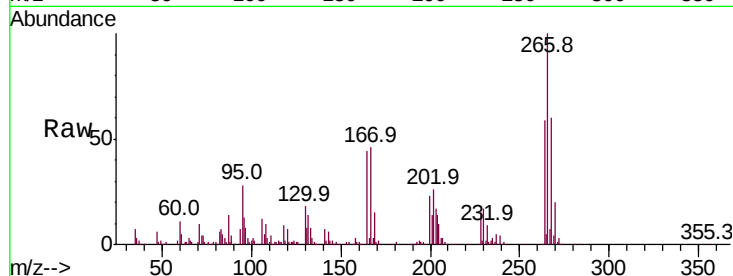




#69  
 Pentachlorophenol  
 Concen: 36.969 ng  
 RT: 17.05 min Scan# 2340  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 59.5  | 52.0  | 78.0  |
| 264     | 58.9  | 49.0  | 73.4  |

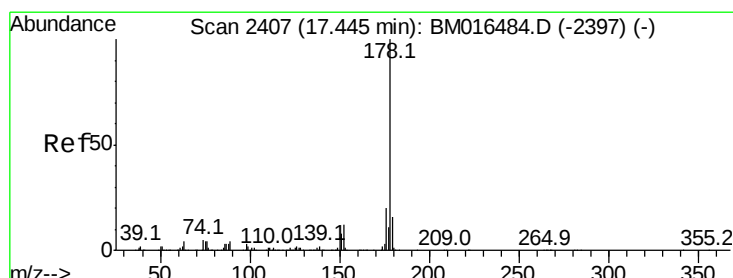
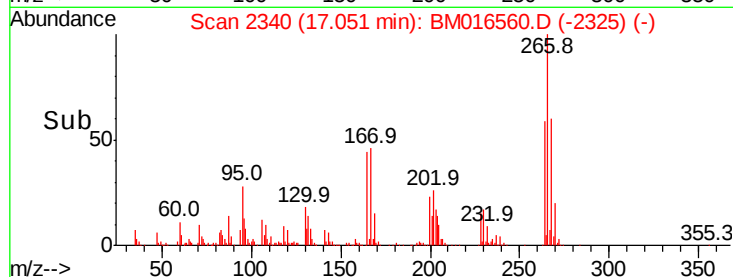
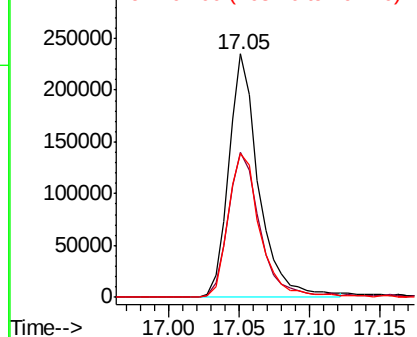


Abundance

Ion 265.70 (265.40 to 266.40): E

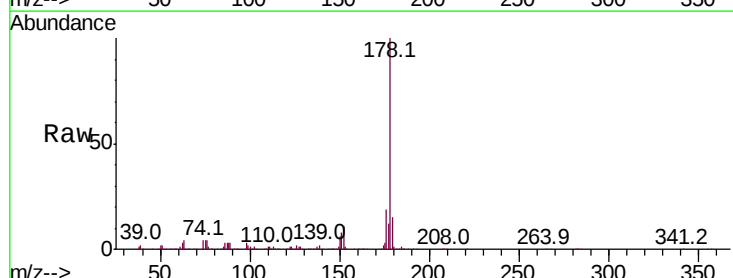
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 36.996 ng  
 RT: 17.44 min Scan# 2406  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.2  | 22.8  |
| 179     | 15.2  | 12.1  | 18.1  |

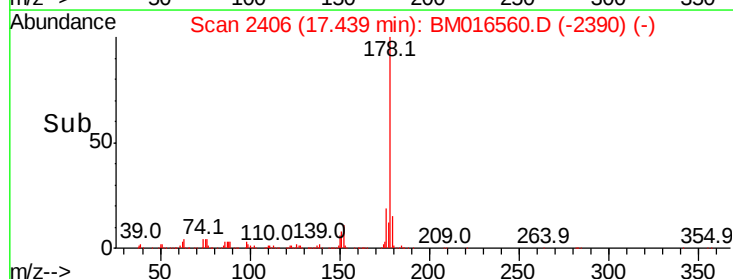
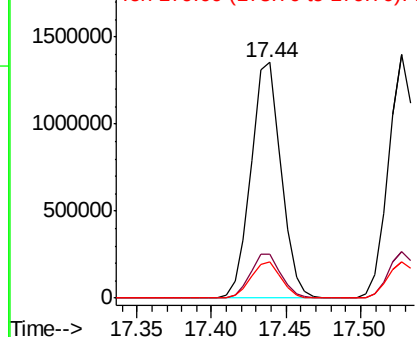


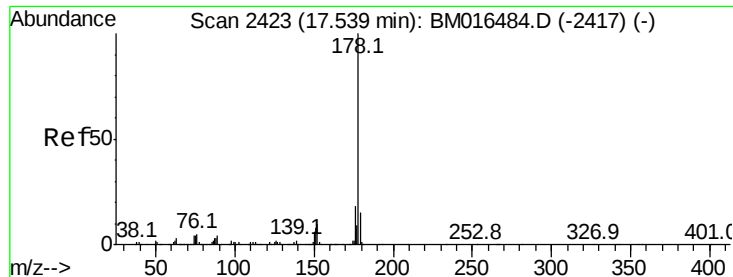
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



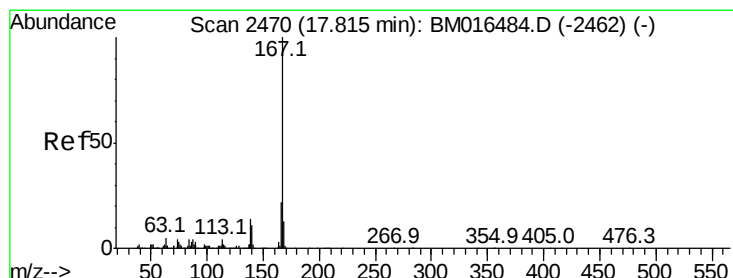
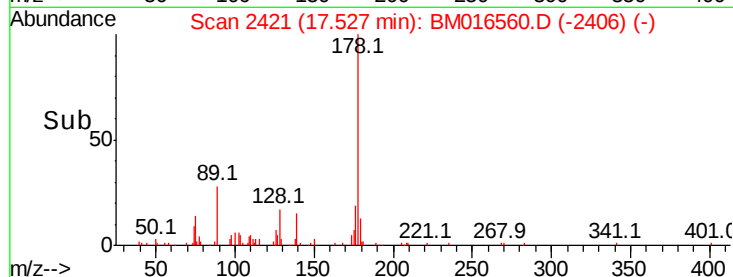
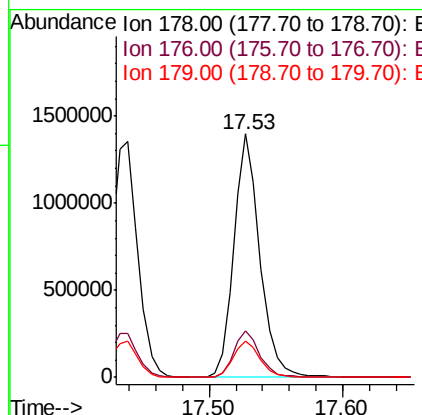
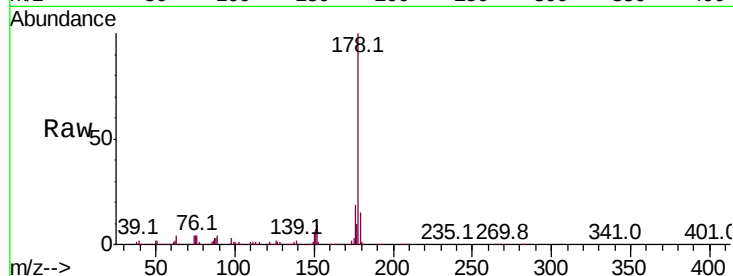


#71  
 Anthracene  
 Concen: 36.968 ng  
 RT: 17.53 min Scan# 2421  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:178 Resp: 1877329  

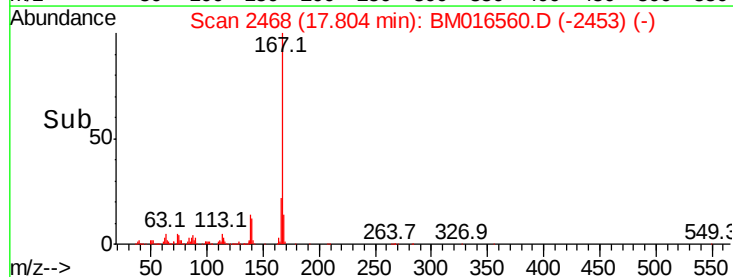
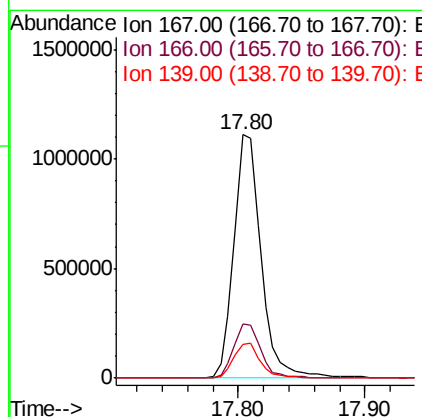
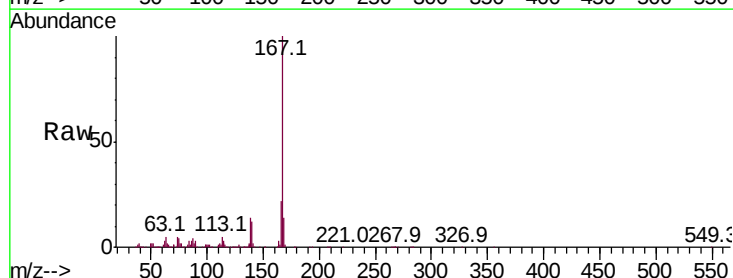
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.9  | 14.6  | 22.0  |
| 179 | 15.1  | 12.6  | 19.0  |

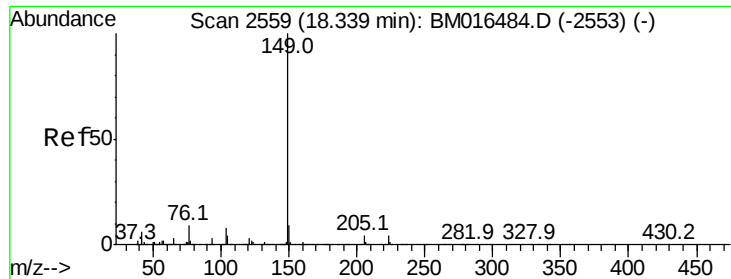


#72  
 Carbazole  
 Concen: 35.893 ng  
 RT: 17.80 min Scan# 2468  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

Tgt Ion:167 Resp: 1638073  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.0  | 17.2  | 25.8  |
| 139 | 13.7  | 10.8  | 16.2  |

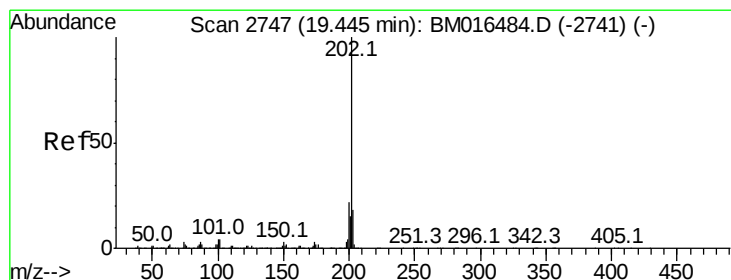
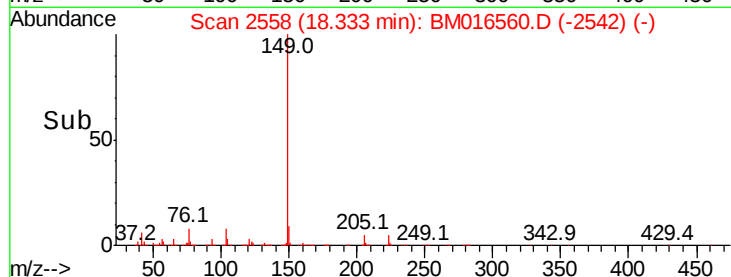
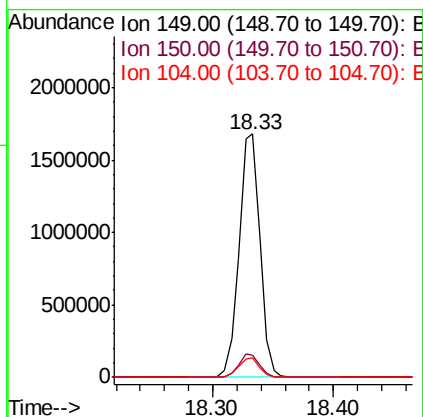
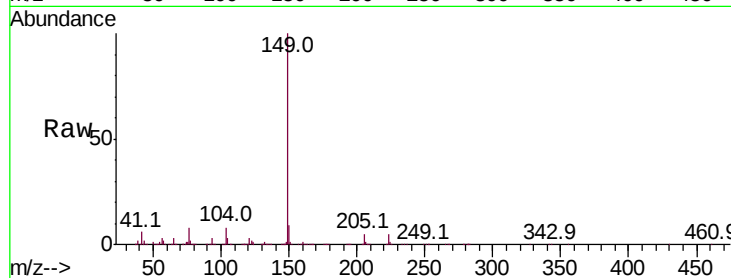




#73  
Di-n-butylphthalate  
Concen: 36.348 ng  
RT: 18.33 min Scan# 2558  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

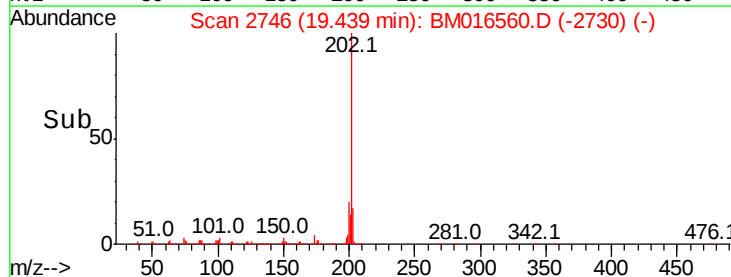
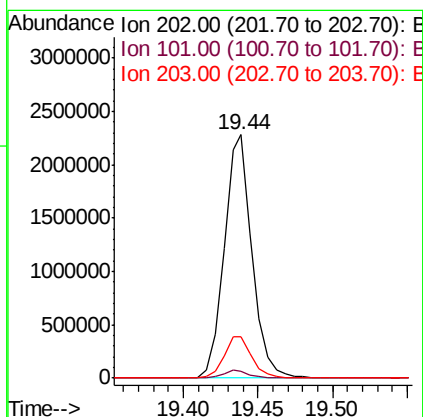
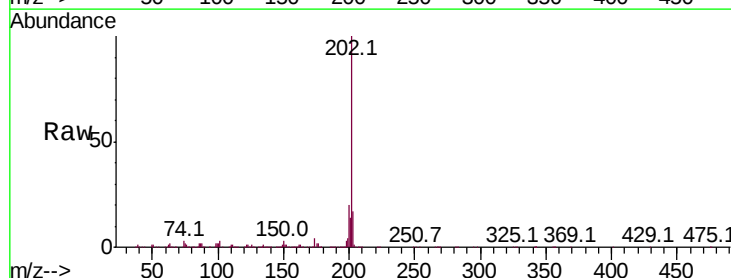
Instrument :  
BNA\_M  
ClientSampleId :

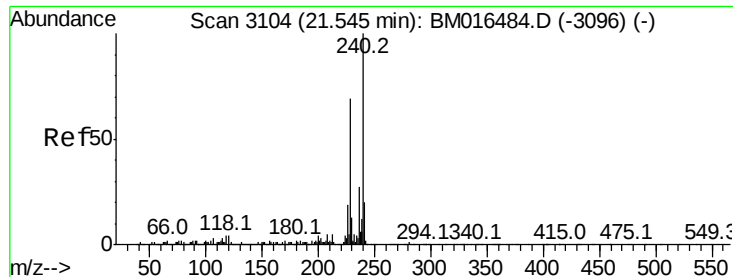
Tot Ion:149 Resp: 2022372  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 7.8 3.7 5.5#



#74  
Fluoranthene  
Concen: 39.455 ng  
RT: 19.44 min Scan# 2746  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Tgt Ion:202 Resp: 2958524  
Ion Ratio Lower Upper  
202 100  
101 2.6 0.0 28.7  
203 16.8 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

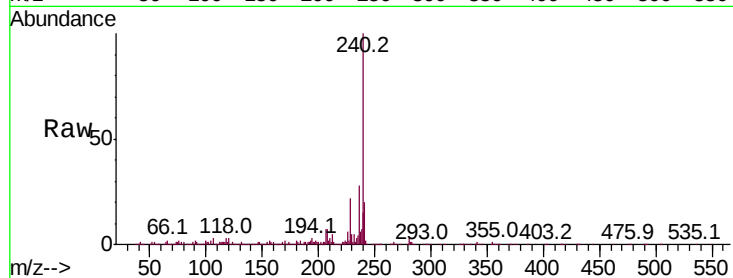
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:240 Resp: 1551417

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 3.1   | 8.2   | 12.2# |
| 236 | 27.7  | 20.0  | 30.0  |

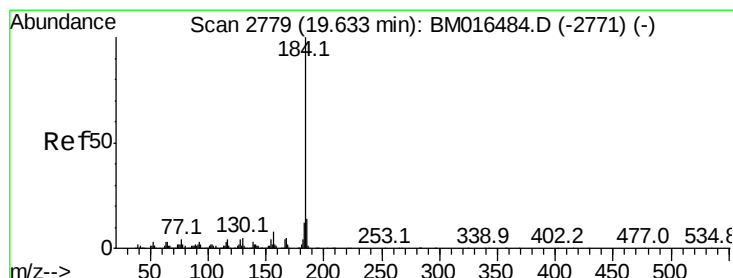
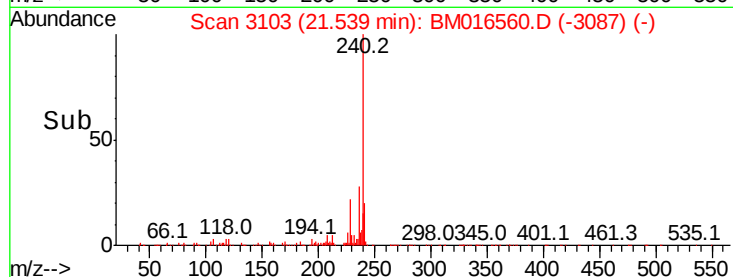
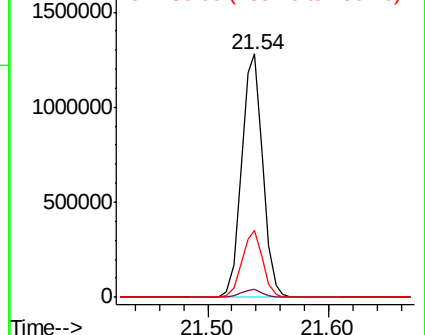


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.258 ng

RT: 19.63 min Scan# 2778

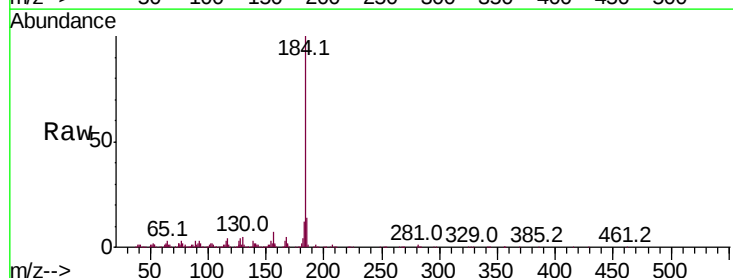
Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Tgt Ion:184 Resp: 1111609

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.3  | 11.3  | 16.9  |
| 183 | 12.2  | 8.9   | 13.3  |

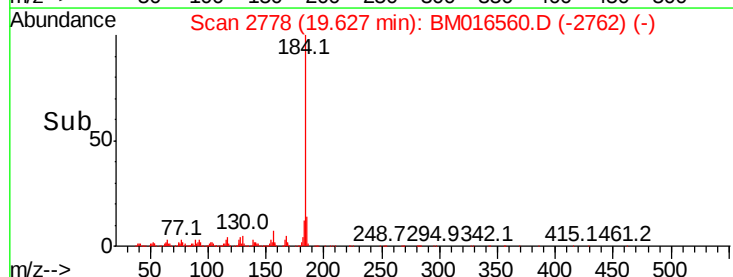
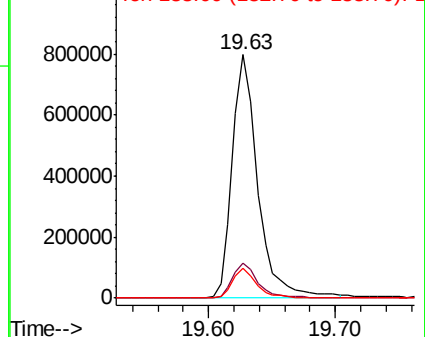


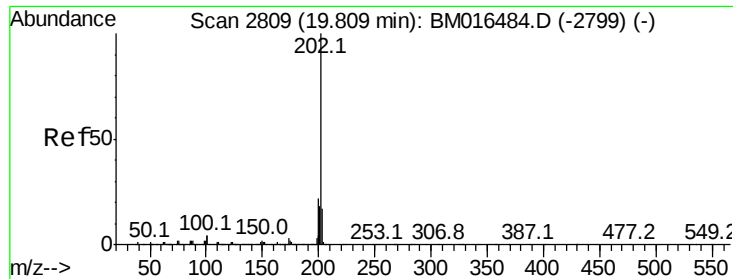
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.133 ng

RT: 19.80 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

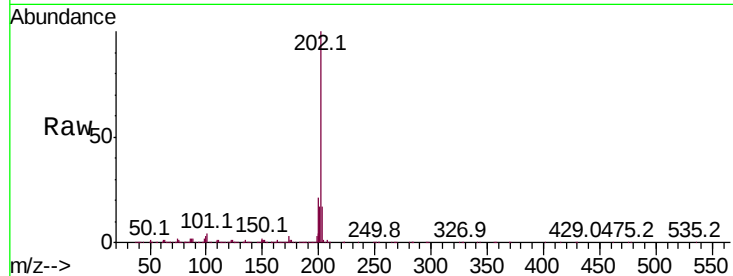
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:202 Resp: 3215094

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.4  | 16.9  | 25.3  |
| 203 | 17.2  | 14.1  | 21.1  |

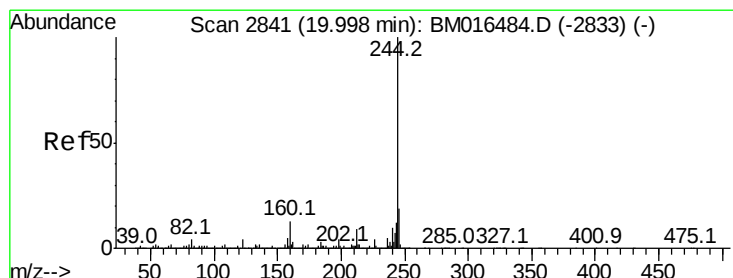
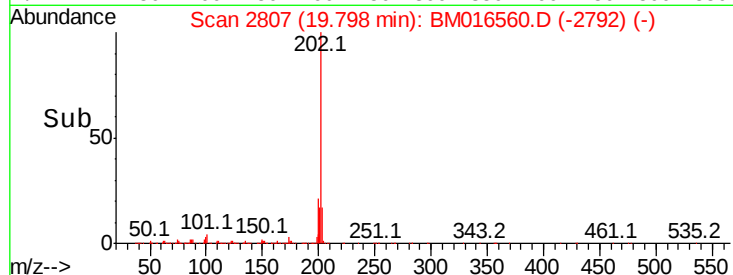
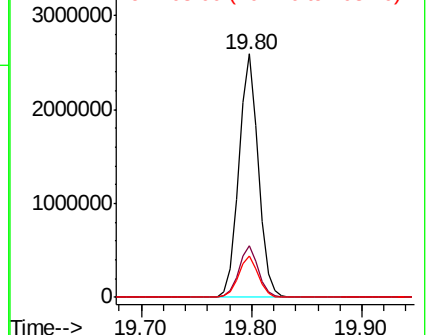


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.975 ng

RT: 19.99 min Scan# 2839

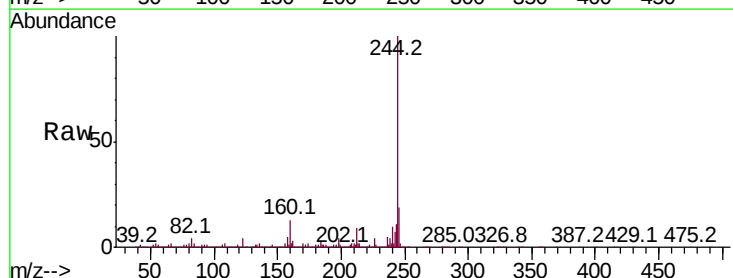
Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Tgt Ion:244 Resp: 6888225

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.9   | 4.9   | 7.3#  |
| 122 | 3.7   | 6.2   | 9.4#  |

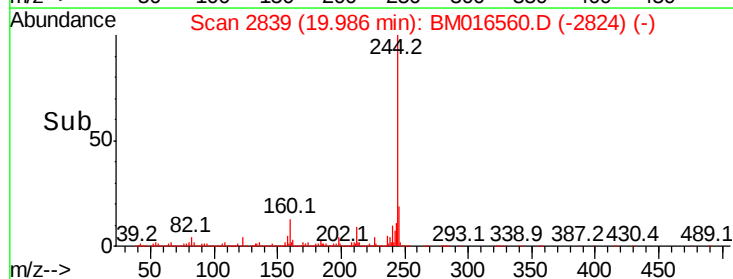
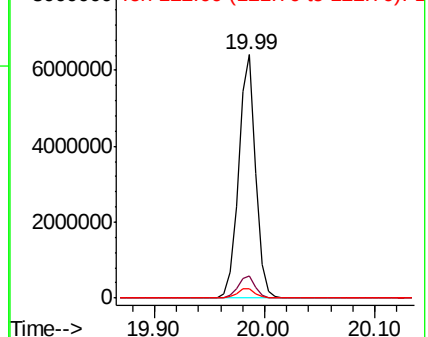


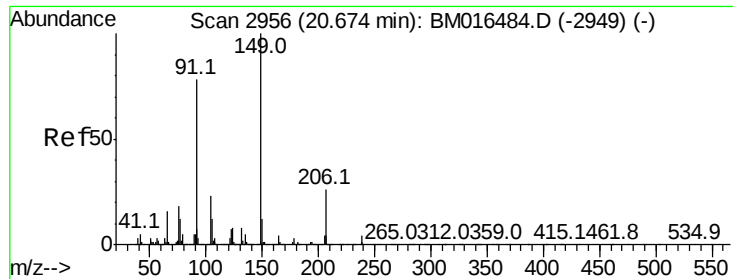
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

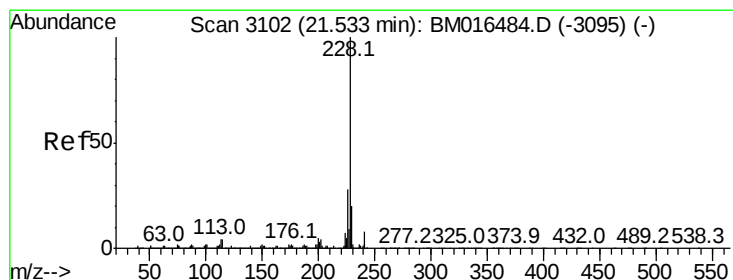
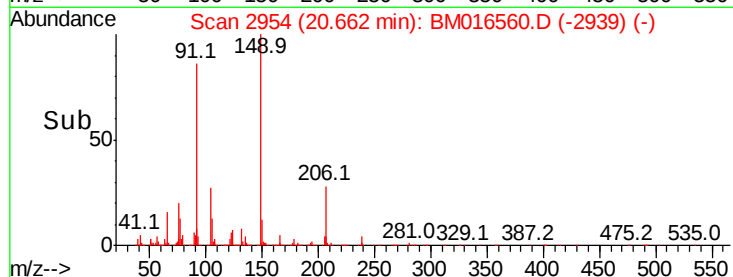
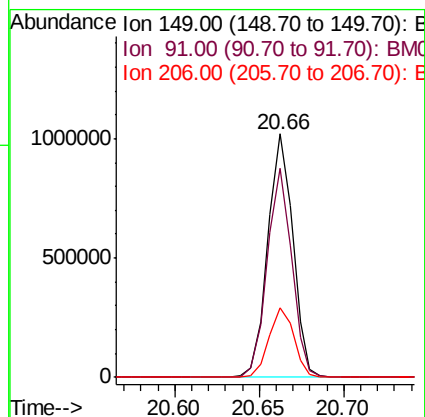
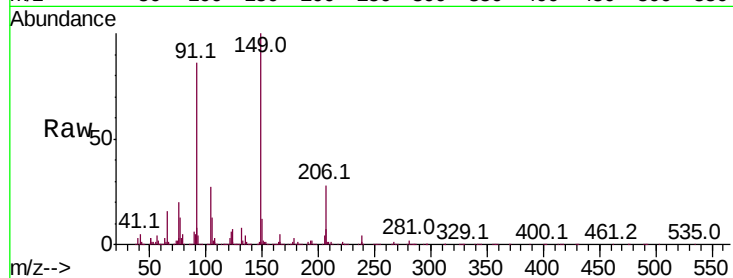




#79  
Butylbenzylphthalate  
Concen: 36.162 ng  
RT: 20.66 min Scan# 2954  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

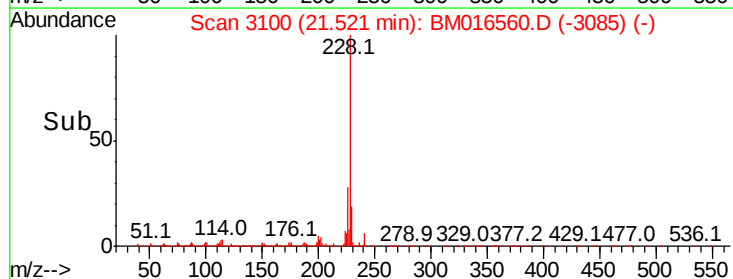
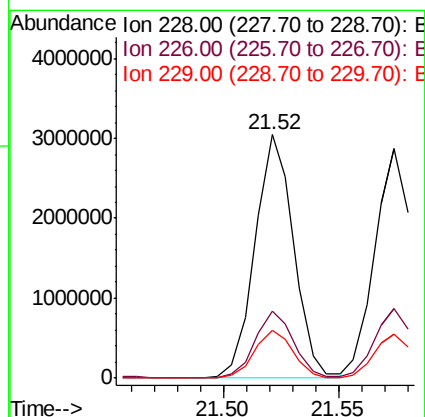
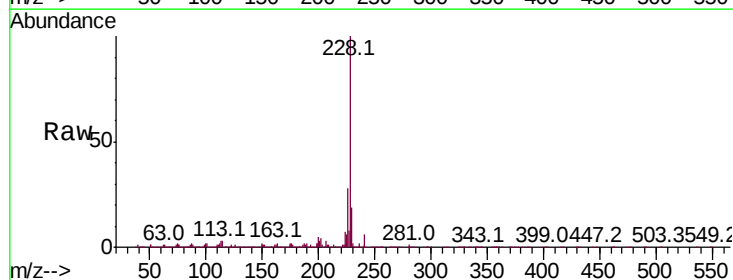
Instrument :  
BNA\_M  
ClientSampleId :

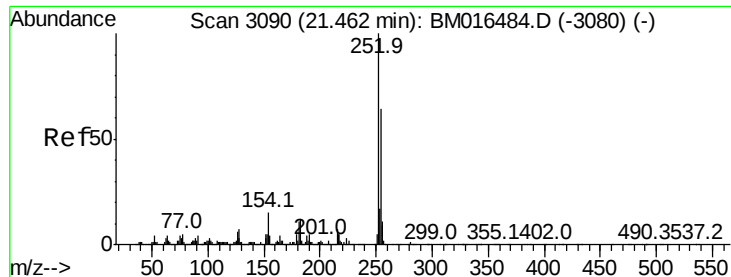
Tot Ion:149 Resp: 1052437  
Ion Ratio Lower Upper  
149 100  
91 86.0 50.1 75.1#  
206 28.3 16.2 24.2#



#80  
Benzo(a)anthracene  
Concen: 38.897 ng  
RT: 21.52 min Scan# 3100  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Tgt Ion:228 Resp: 3547809  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.7 32.5  
229 19.5 16.0 24.0

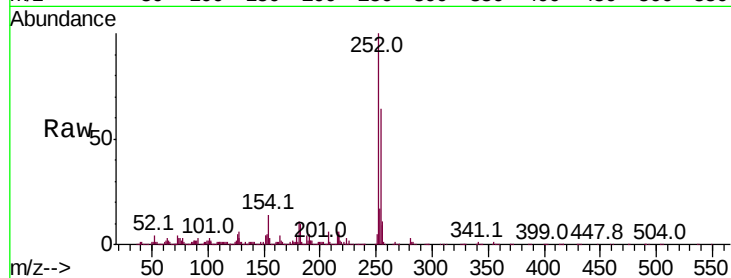




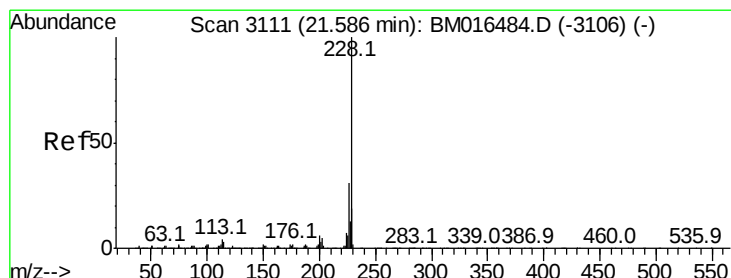
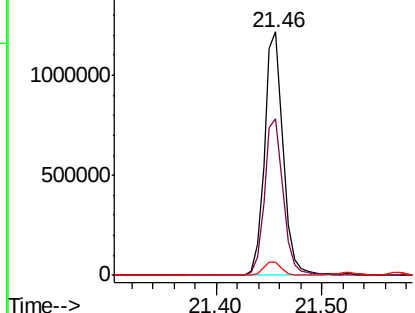
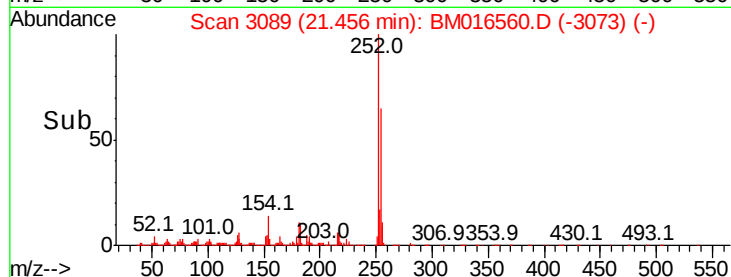
#81  
 3,3'-Dichlorobenzidine  
 Concen: 36.928 ng  
 RT: 21.46 min Scan# 3089  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:252 Resp: 1499270  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 51.9 77.9  
 126 5.3 9.8 14.8#

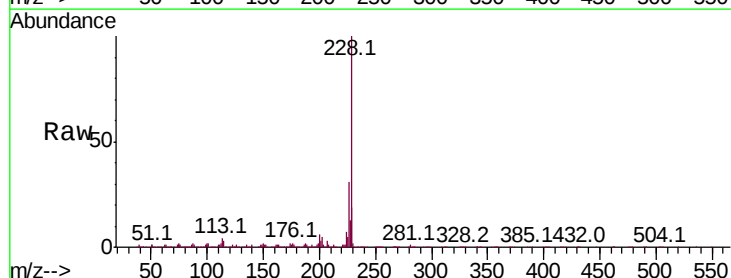


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

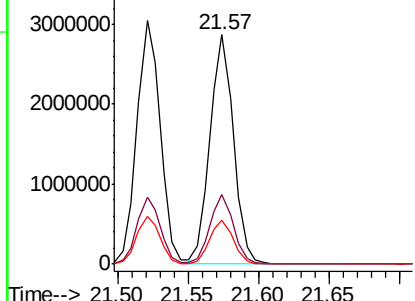
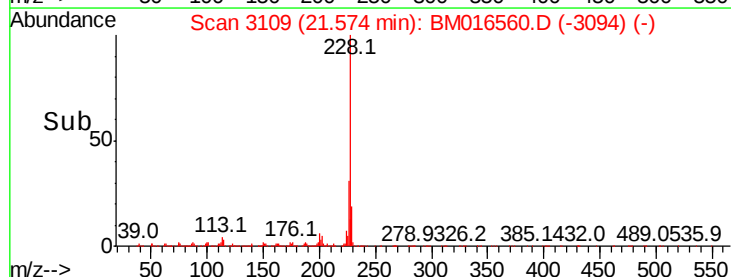


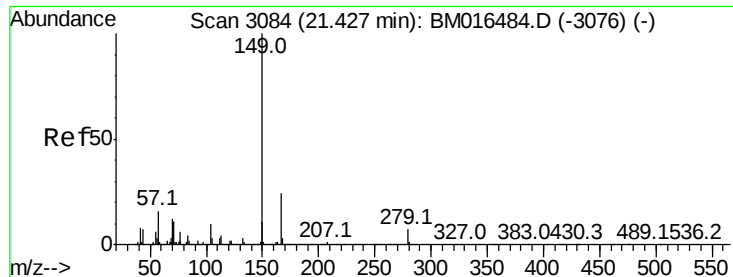
#82  
 Chrysene  
 Concen: 38.079 ng  
 RT: 21.57 min Scan# 3109  
 Delta R.T. -0.01 min  
 Lab File: BM016560.D  
 Acq: 23 Aug 2018 19:33

Tgt Ion:228 Resp: 3313856  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 24.1 36.1  
 229 19.3 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.573 ng

RT: 21.42 min Scan# 3082

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

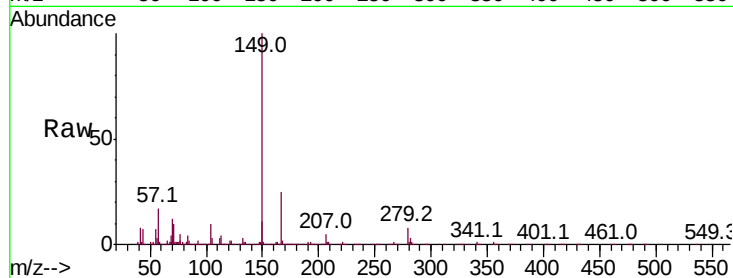
Tot Ion:149 Resp: 1539051

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 24.8  | 22.4  | 33.6  |
| 279 | 7.8   | 3.4   | 5.0   |

149 100

167 24.8 22.4 33.6

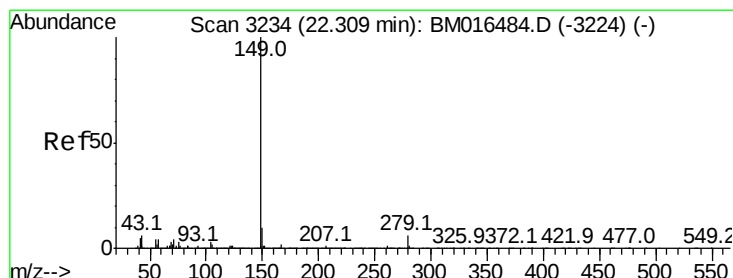
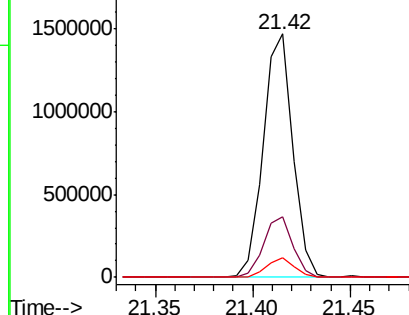
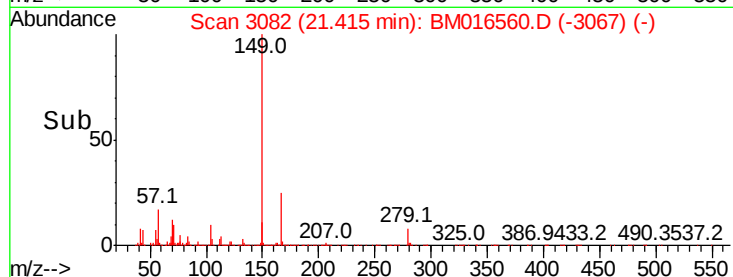
279 7.8 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.683 ng

RT: 22.30 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

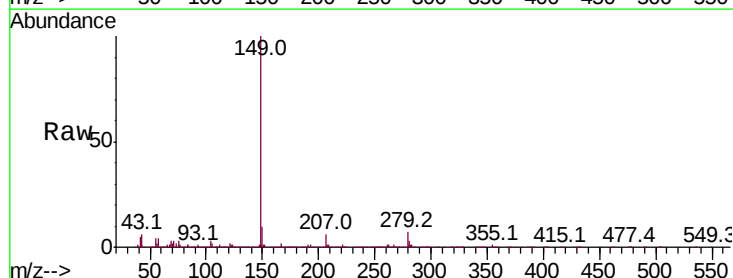
Tgt Ion:149 Resp: 2565529

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 6.3   | 7.3   | 10.9  |

149 100

167 1.6 1.2 1.8

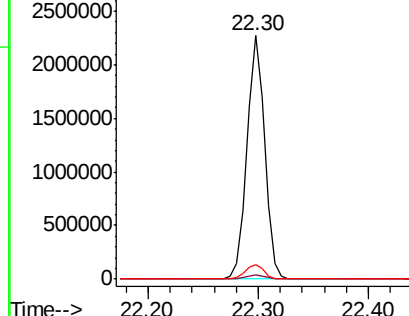
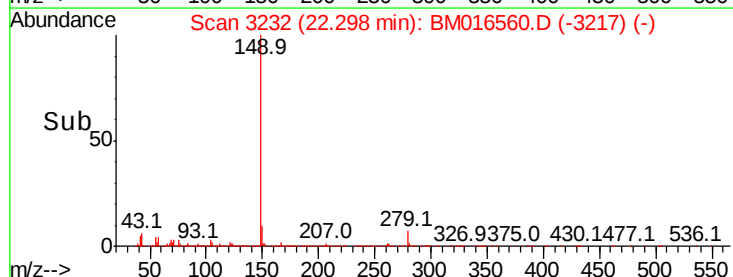
43 6.3 7.3 10.9

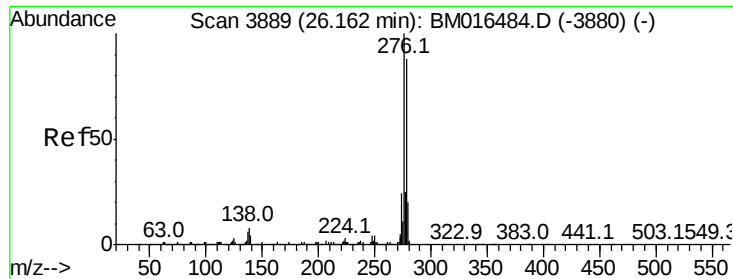


Abundance Ion 149.00 (148.70 to 149.70): E

3000000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.183 ng

RT: 26.14 min Scan# 3885

Delta R.T. -0.02 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

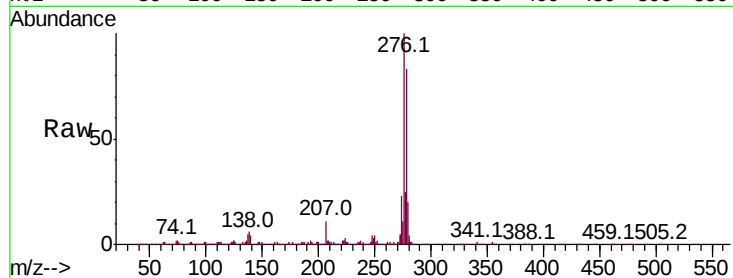
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:276 Resp: 4528385

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 6.5   | 12.0  | 18.0# |
| 277 | 25.3  | 20.0  | 30.0  |

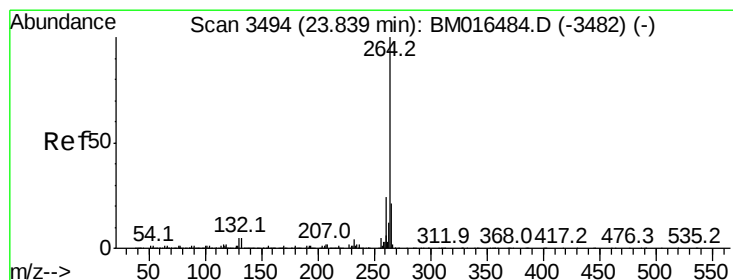
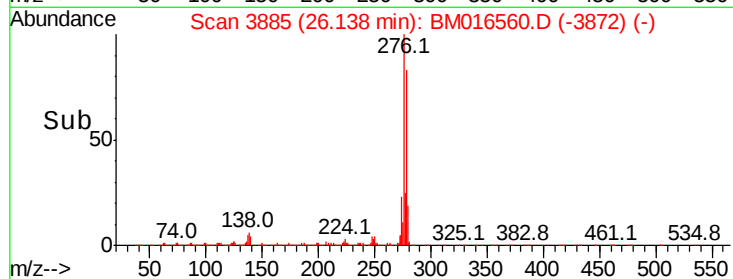
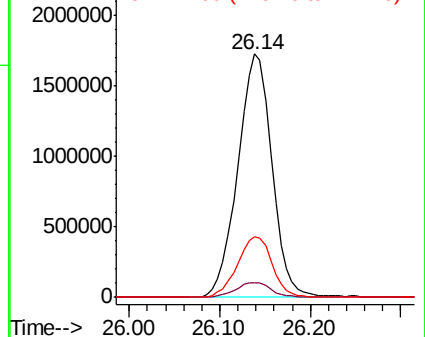


Abundance

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.82 min Scan# 3491

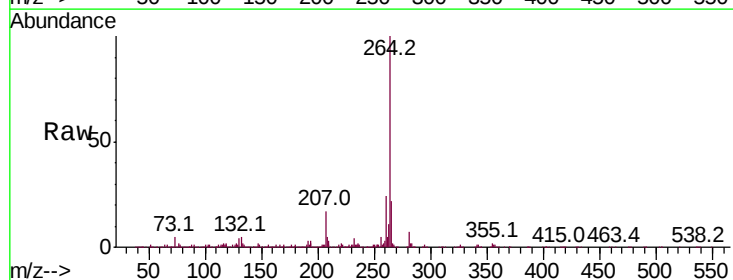
Delta R.T. -0.02 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Tgt Ion:264 Resp: 1701319

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.9  | 18.6  | 27.8  |
| 265 | 21.9  | 17.3  | 25.9  |

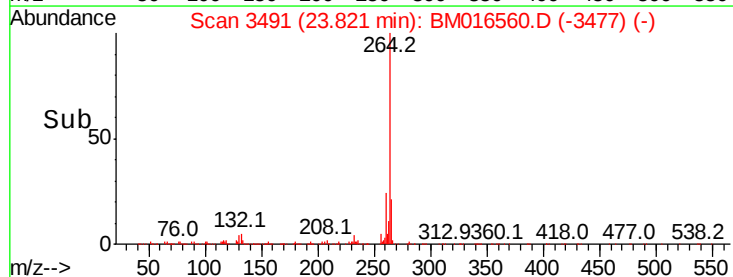
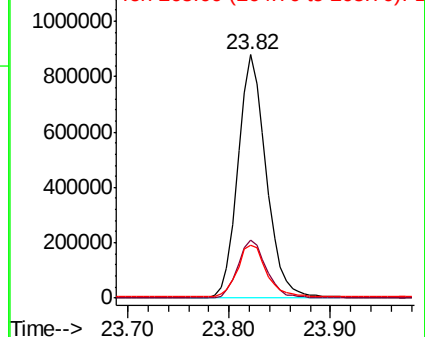


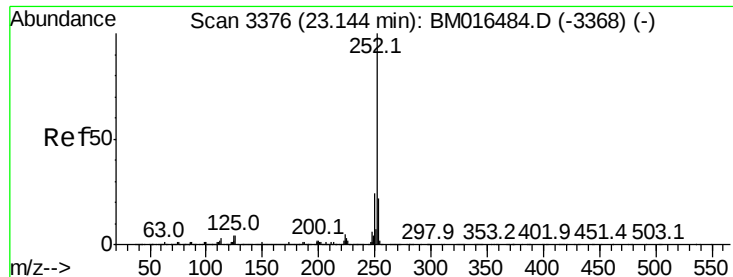
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.215 ng

RT: 23.13 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

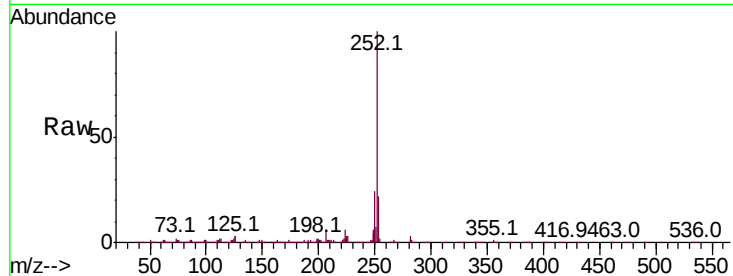
Tot Ion:252 Resp: 3845919

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

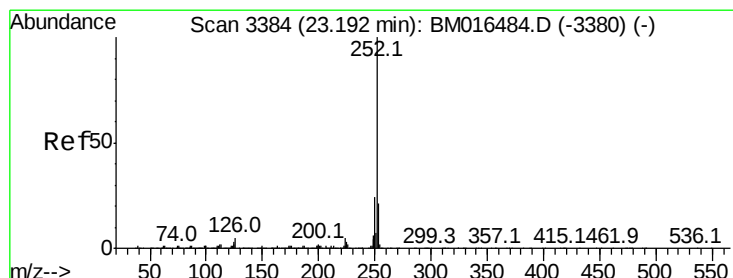
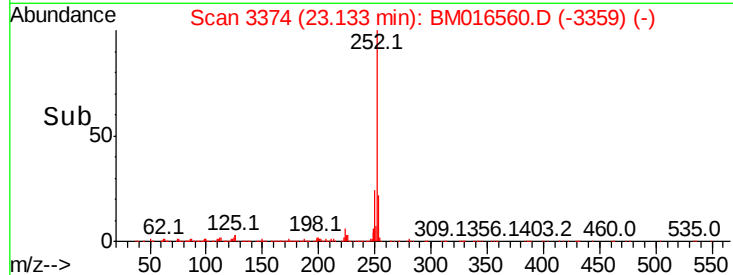
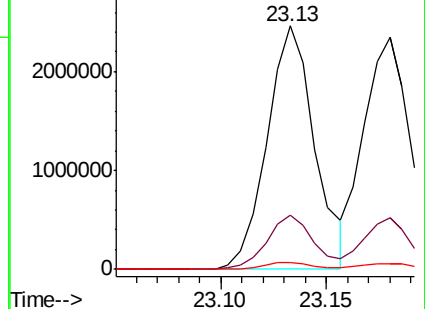
125 3.0 9.9 14.9#



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



#88

Benzo(k)fluoranthene

Concen: 37.139 ng

RT: 23.18 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

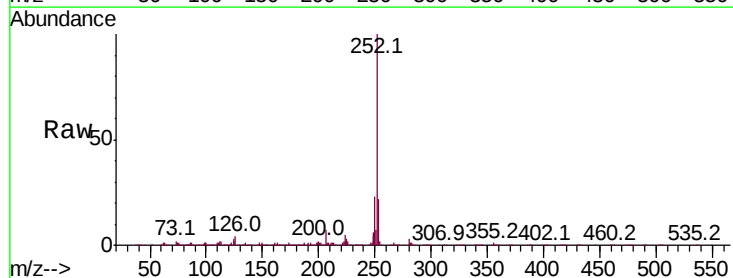
Tgt Ion:252 Resp: 3705991

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

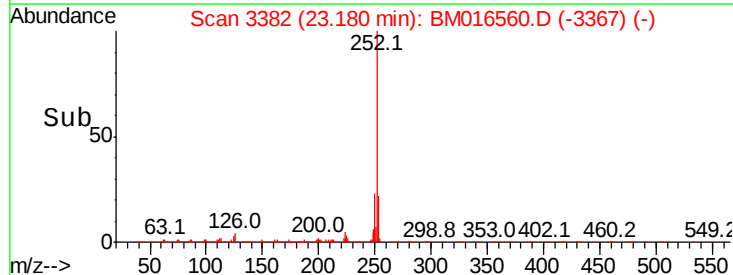
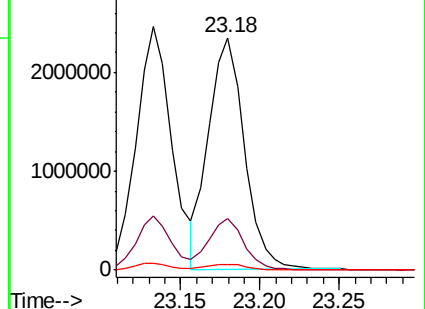
125 2.6 8.1 12.1#

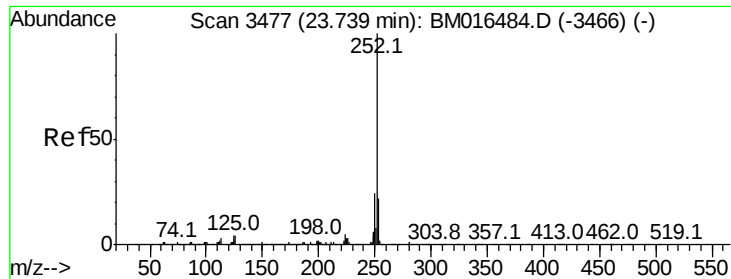


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

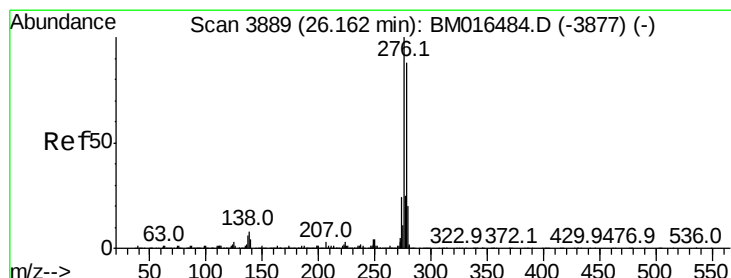
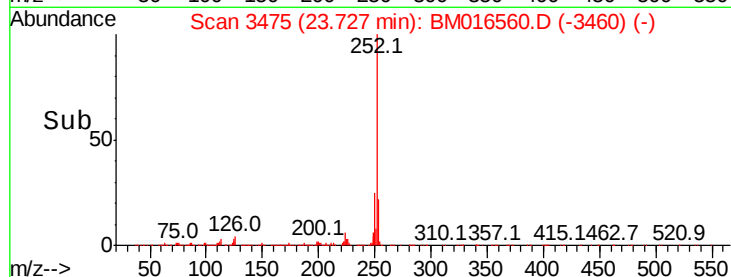
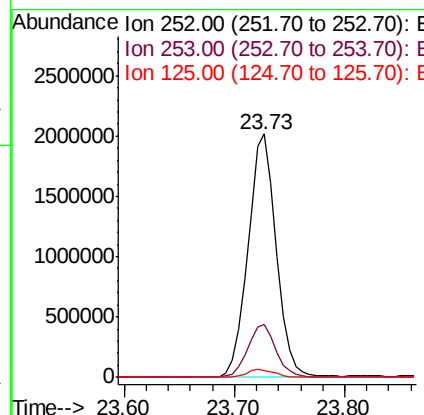
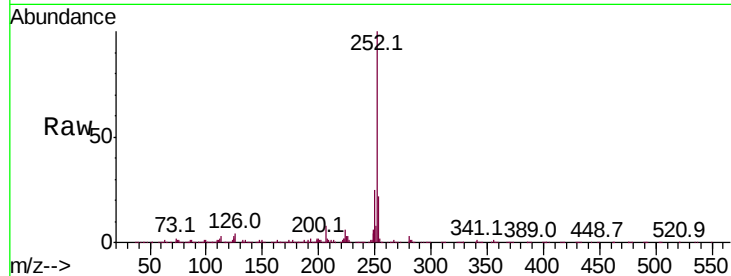




#89  
Benzo(a)pyrene  
Concen: 37.820 ng  
RT: 23.73 min Scan# 3475  
Delta R.T. -0.01 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

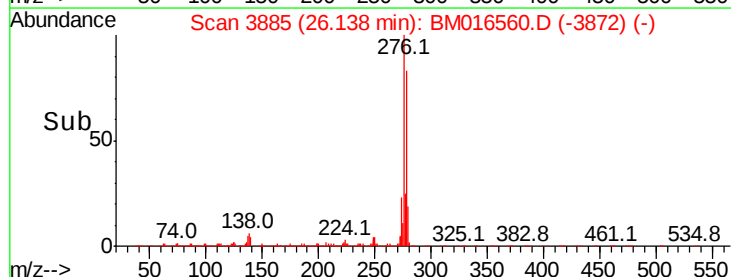
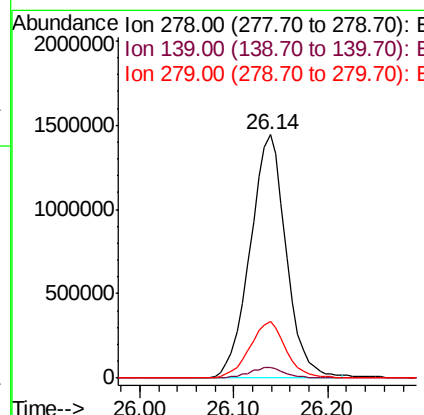
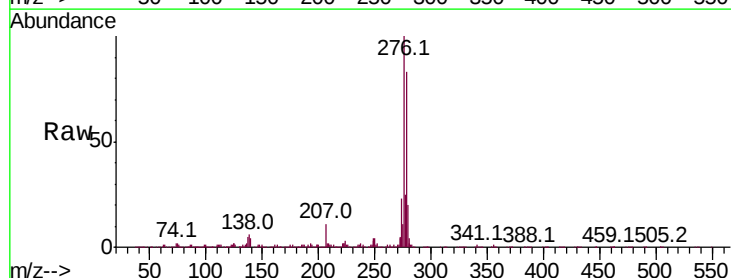
Instrument :  
BNA\_M  
ClientSampled :

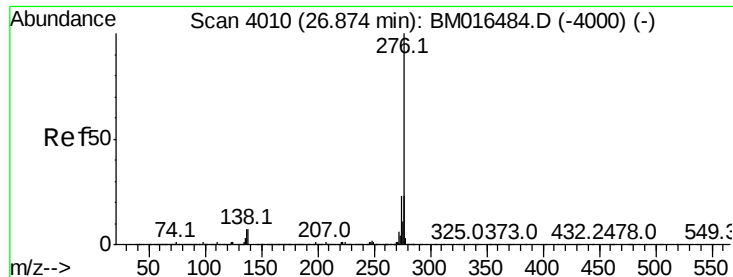
Tot Ion:252 Resp: 3609049  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.6 26.4  
125 3.0 7.4 11.2#



#90  
Dibenzo(a,h)anthracene  
Concen: 35.832 ng  
RT: 26.14 min Scan# 3885  
Delta R.T. -0.02 min  
Lab File: BM016560.D  
Acq: 23 Aug 2018 19:33

Tgt Ion:278 Resp: 3832082  
Ion Ratio Lower Upper  
278 100  
139 4.2 13.4 20.0#  
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.821 ng

RT: 26.85 min Scan# 4006

Delta R.T. -0.02 min

Lab File: BM016560.D

Acq: 23 Aug 2018 19:33

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:276 Resp: 3438748

Ion Ratio Lower Upper

276 100

277 24.3 18.5 27.7

138 5.4 19.0 28.6#

