

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\  
 Data File : BM016580.D  
 Acq On : 24 Aug 2018 10:15  
 Operator : SJ/JU  
 Sample : PB112310BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 24 10:54:06 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 | 8.00  | 152  | 133839   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.82 | 136  | 526749   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.65 | 164  | 403057   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.39 | 188  | 1206514  | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.53 | 240  | 1526520  | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 23.82 | 264  | 1460616  | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.55  | 112  | 728363   | 106.64 | ng    | -0.01    |
| 7) Phenol-d6                | 7.19  | 99   | 904556   | 100.08 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 761689   | 66.02  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 16.14 | 330  | 1185993  | 105.26 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 13.27 | 172  | 2914101  | 69.50  | ng    | -0.01    |
| 78) Terphenyl-d14           | 19.98 | 244  | 6000542  | 83.20  | ng    | -0.02    |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|--------------------------------|-------|------|----------|---------|-------|--------|
| 2) 1,4-Dioxane                 | 3.37  | 88   | 145121   | 38.460  | ng    | # 100  |
| 3) Pyridine                    | 3.80  | 79   | 276252   | 35.189  | ng    | # 83   |
| 4) n-Nitrosodimethylamine      | 3.72  | 42   | 162578   | 46.485  | ng    | # 69   |
| 6) Aniline                     | 7.35  | 93   | 323772   | 32.014  | ng    | # 89   |
| 8) 2-Chlorophenol              | 7.57  | 128  | 351505   | 43.251  | ng    | # 98   |
| 9) Benzaldehyde                | 7.16  | 77   | 217390   | 34.659  | ng    | # 83   |
| 10) Phenol                     | 7.21  | 94   | 363777   | 40.700  | ng    | # 83   |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93   | 256962   | 38.339  | ng    | # 98   |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146  | 418412   | 38.831  | ng    | # 88   |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146  | 421690   | 38.135  | ng    | # 97   |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146  | 414448   | 38.149  | ng    | # 97   |
| 15) Benzyl Alcohol             | 8.27  | 79   | 308386   | 36.743  | ng    | # 82   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45   | 171156   | 37.086  | ng    | # 41   |
| 17) 2-Methylphenol             | 8.46  | 107  | 256212   | 39.585  | ng    | # 76   |
| 18) Hexachloroethane           | 9.07  | 117  | 213849   | 41.978  | ng    | # 42   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70   | 268937   | 37.953  | ng    | # 89   |
| 20) 3+4-Methylphenols          | 8.80  | 107  | 354289   | 39.589  | ng    | # 82   |
| 22) Acetophenone               | 8.85  | 105  | 529885   | 41.775  | ng    | # 95   |
| 24) Nitrobenzene               | 9.24  | 77   | 448604   | 38.918  | ng    | # 94   |
| 25) Isophorone                 | 9.75  | 82   | 719641   | 46.673  | ng    | # 95   |
| 26) 2-Nitrophenol              | 9.95  | 139  | 201977   | 40.987  | ng    | # 44   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122  | 309703   | 48.226  | ng    | # 71   |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93   | 394251   | 42.835  | ng    | # 95   |
| 29) 2,4-Dichlorophenol         | 10.48 | 162  | 471953   | 49.104  | ng    | # 94   |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180  | 702639   | 48.179  | ng    | # 94   |
| 31) Naphthalene                | 10.86 | 128  | 1074931  | 42.832  | ng    | # 98   |
| 32) Benzoic acid               | 10.22 | 122  | 171081   | 31.840  | ng    | # 67   |
| 33) 4-Chloroaniline            | 11.00 | 127  | 230024   | 21.779  | ng    | # 91   |
| 34) Hexachlorobutadiene        | 11.11 | 225  | 672812   | 48.335  | ng    | # 97   |
| 35) Caprolactam                | 11.82 | 113  | 80723    | 35.002  | ng    | # 54   |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107  | 372976   | 40.366  | ng    | # 94   |
| 37) 2-Methylnaphthalene        | 12.47 | 142  | 944638   | 48.081  | ng    | # 87   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216  | 1052319  | 46.228  | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.79 | 237  | 1324732  | 111.196 | ng    | # 99   |

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 Sample : PB112310BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

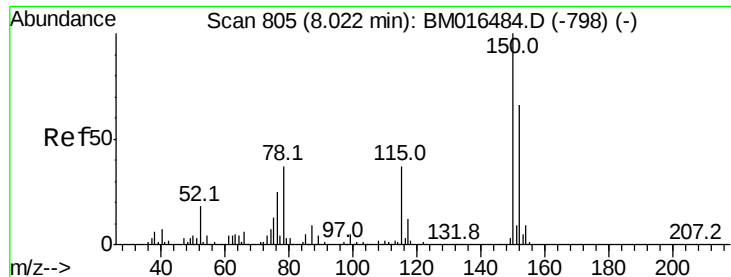
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 24 10:54:06 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      | 13.09 | 196  | 640839   | 47.078 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.09 | 196  | 550549   | 41.405 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 13.48 | 154  | 1339616  | 37.904 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 1127498  | 39.268 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 263785   | 34.491 | nq    | 85       |
| 48) Acenaphthylene             | 14.37 | 152  | 1664055  | 41.057 | nq    | 99       |
| 49) Dimethylphthalate          | 14.12 | 163  | 1562600  | 40.353 | nq #  | 97       |
| 50) 2,6-Dinitrotoluene         | 14.26 | 165  | 306230   | 40.545 | nq #  | 85       |
| 51) Acenaphthene               | 14.72 | 154  | 970047   | 38.958 | nq    | 95       |
| 52) 3-Nitroaniline             | 14.60 | 138  | 148029   | 21.540 | nq #  | 78       |
| 53) 2,4-Dinitrophenol          | 14.82 | 184  | 268304   | 70.985 | nq #  | 68       |
| 54) Dibenzofuran               | 15.05 | 168  | 2004077  | 42.044 | nq    | 94       |
| 55) 4-Nitrophenol              | 14.91 | 139  | 283435   | 64.663 | nq #  | 79       |
| 56) 2,4-Dinitrotoluene         | 15.05 | 165  | 487094   | 38.675 | nq #  | 96       |
| 57) Fluorene                   | 15.70 | 166  | 1582547  | 43.949 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 606854   | 47.484 | nq #  | 100      |
| 59) Diethylphthalate           | 15.47 | 149  | 1493007  | 36.978 | nq    | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.69 | 204  | 1289272  | 42.695 | nq #  | 86       |
| 61) 4-Nitroaniline             | 15.76 | 138  | 198666   | 29.579 | nq #  | 1        |
| 62) Azobenzene                 | 15.98 | 77   | 1666830  | 38.759 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 304661   | 33.233 | nq #  | 58       |
| 65) n-Nitrosodiphenylamine     | 15.91 | 169  | 1350803  | 39.798 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.57 | 248  | 810640   | 43.727 | nq    | 98       |
| 67) Hexachlorobenzene          | 16.69 | 284  | 914210   | 42.287 | nq    | 91       |
| 68) Atrazine                   | 16.86 | 200  | 764587   | 49.360 | nq    | 90       |
| 69) Pentachlorophenol          | 17.04 | 266  | 777165   | 67.940 | nq    | 98       |
| 70) Phenanthrene               | 17.43 | 178  | 2662977  | 42.704 | nq    | 99       |
| 71) Anthracene                 | 17.53 | 178  | 2736913  | 44.199 | nq    | 99       |
| 72) Carbazole                  | 17.80 | 167  | 1906282  | 34.256 | nq    | 100      |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 2413804  | 35.579 | nq #  | 97       |
| 74) Fluoranthene               | 19.43 | 202  | 3775182  | 41.289 | nq    | 94       |
| 76) Benzidine                  | 19.63 | 184  | 1608861  | 54.804 | nq    | 98       |
| 77) Pyrene                     | 19.79 | 202  | 3795144  | 45.746 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 1082417  | 37.799 | nq #  | 80       |
| 80) Benzo(a)anthracene         | 21.52 | 228  | 3908795  | 43.554 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.45 | 252  | 945680   | 23.672 | nq #  | 96       |
| 82) Chrysene                   | 21.57 | 228  | 3538284  | 41.321 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.41 | 149  | 1541373  | 36.208 | nq #  | 95       |
| 84) Di-n-octyl phthalate       | 22.29 | 149  | 2494610  | 35.262 | nq #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 26.13 | 276  | 4285795  | 34.803 | nq #  | 92       |
| 87) Benzo(b)fluoranthene       | 23.13 | 252  | 3920836  | 46.567 | nq #  | 90       |
| 88) Benzo(k)fluoranthene       | 23.17 | 252  | 3783389  | 44.162 | nq #  | 93       |
| 89) Benzo(a)pyrene             | 23.72 | 252  | 3640413  | 44.436 | nq #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 26.13 | 278  | 3636104  | 39.603 | nq #  | 87       |
| 91) Benzo(g,h,i)perylene       | 26.84 | 276  | 3278206  | 39.776 | nq #  | 81       |

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



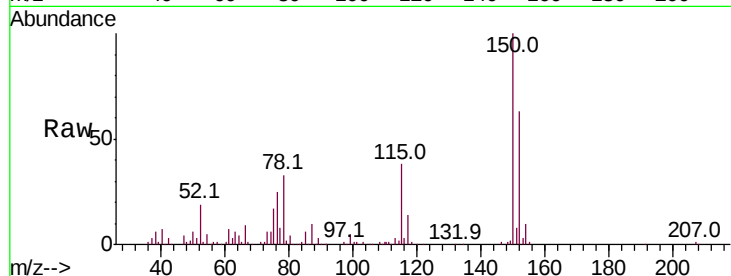


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 802  
Delta R.T. -0.02 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.7 | 119.5 | 179.3 |
| 115     | 60.3  | 43.0  | 64.4  |

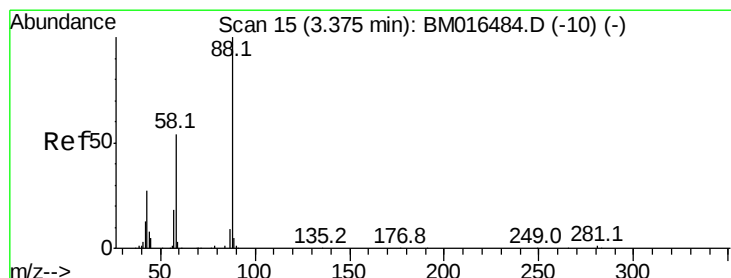
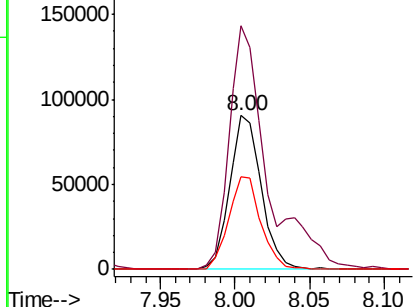
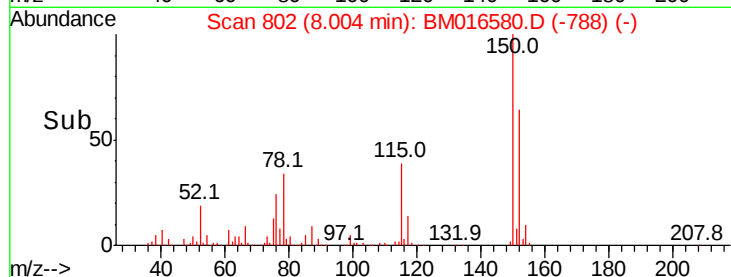


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

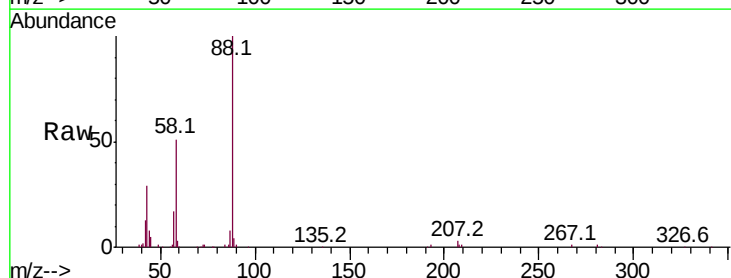
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 38.460 ng  
RT: 3.37 min Scan# 14  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 52.3  | 0.0   | 0.0#  |
| 43      | 27.7  | 0.0   | 0.0#  |

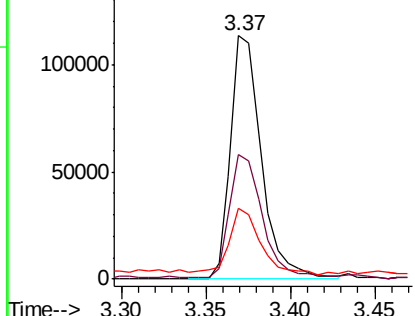
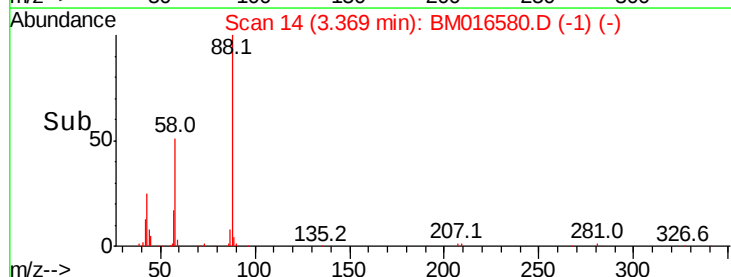


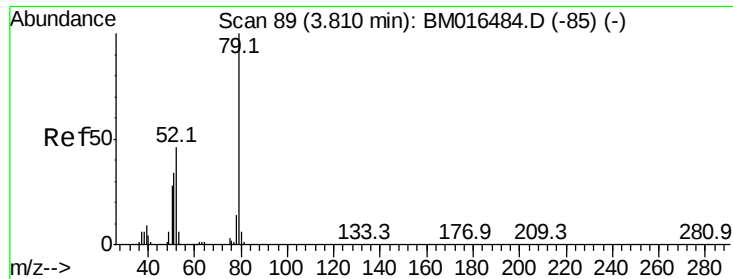
Abundance

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: 35.189 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

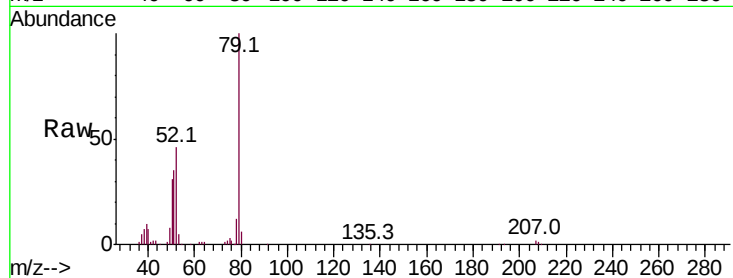
Tot Ion: 79 Resp: 276252

Ion Ratio Lower Upper

79 100

52 45.7 51.1 76.7#

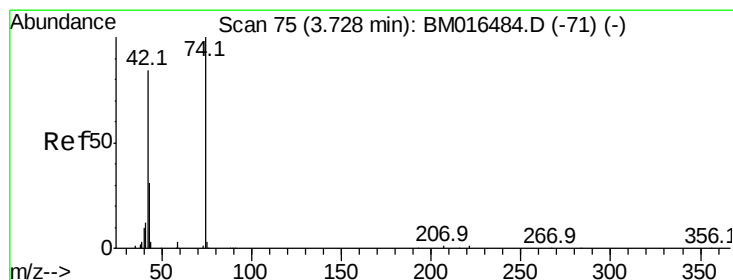
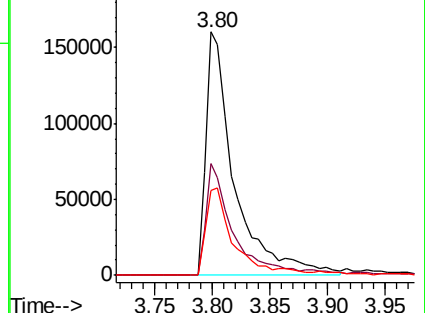
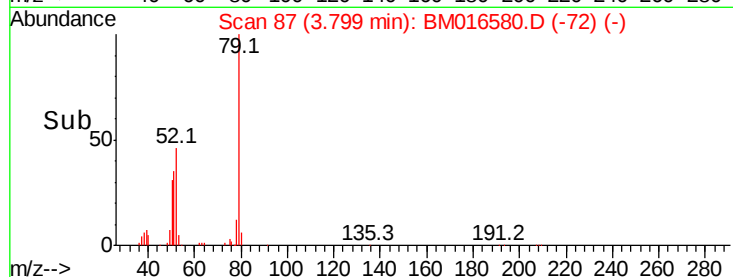
51 35.1 26.1 39.1



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: 46.485 ng

RT: 3.72 min Scan# 74

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

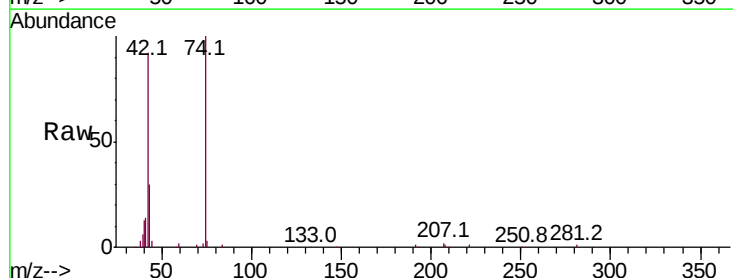
Tgt Ion: 42 Resp: 162578

Ion Ratio Lower Upper

42 100

74 108.7 119.3 178.9#

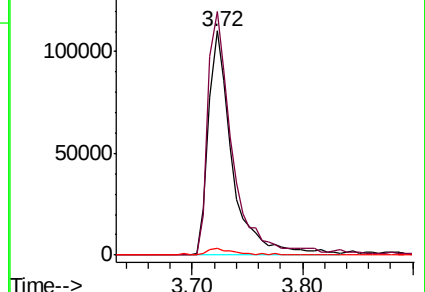
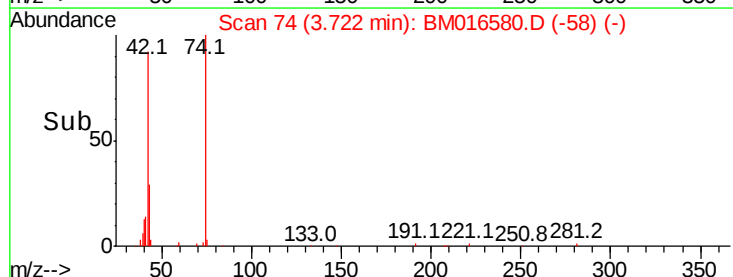
44 3.3 5.4 8.2#

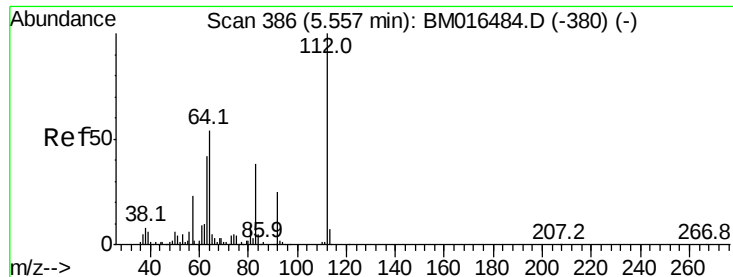


Abundance Ion 42.00 (41.70 to 42.70): BM016484.D (-71) (-)

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: 106.642 ng

RT: 5.55 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

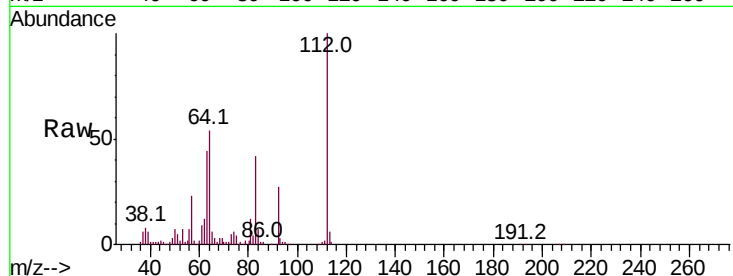
Tot Ion:112 Resp: 728363

Ion Ratio Lower Upper

112 100

64 53.7 38.6 57.8

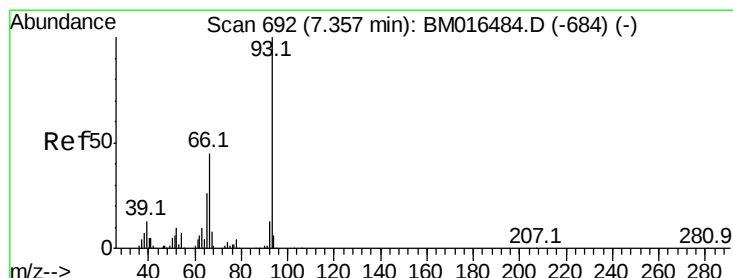
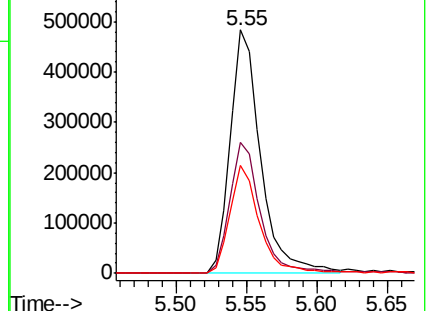
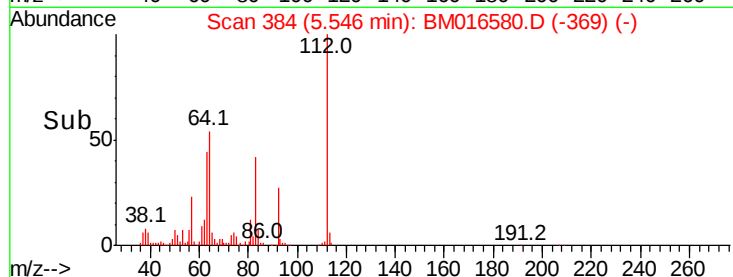
63 44.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 32.014 ng

RT: 7.35 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

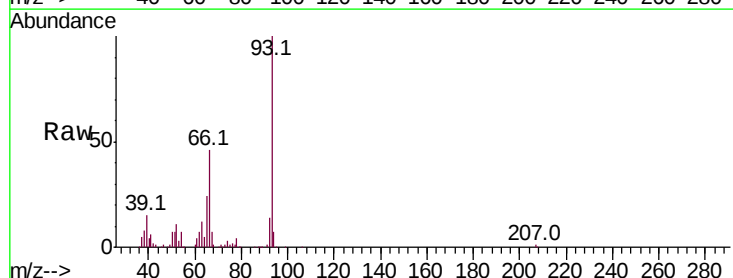
Tgt Ion: 93 Resp: 323772

Ion Ratio Lower Upper

93 100

66 46.2 30.8 46.2

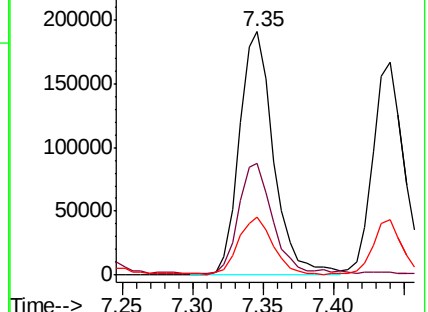
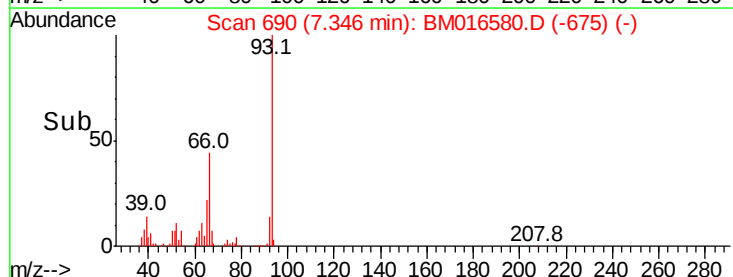
65 23.8 16.0 24.0

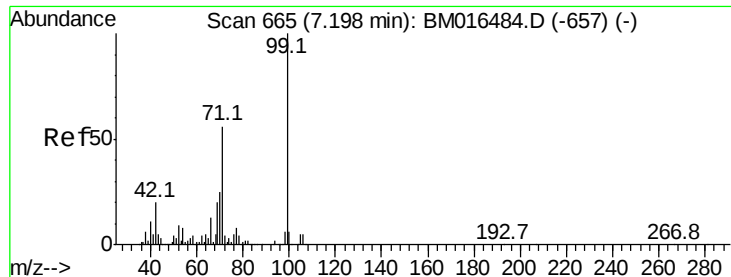


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 100.084 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

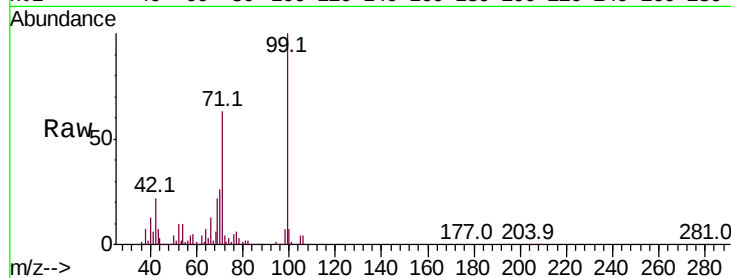
Tot Ion: 99 Resp: 904556

Ion Ratio Lower Upper

99 100

42 22.0 11.0 16.4#

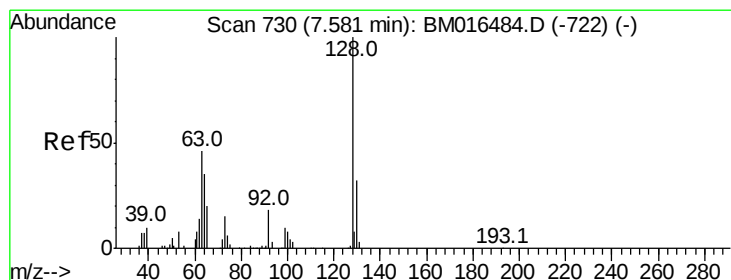
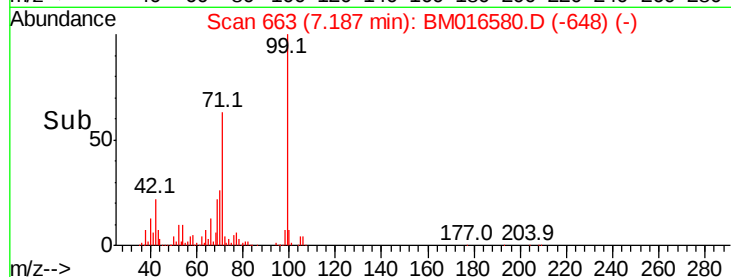
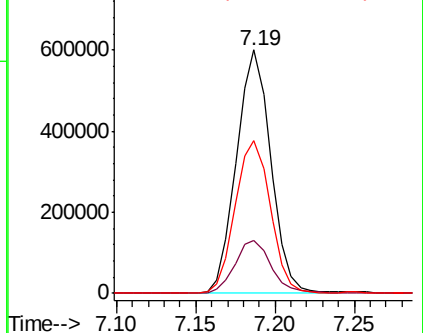
71 62.6 23.4 35.2#



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: 43.251 ng

RT: 7.57 min Scan# 728

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

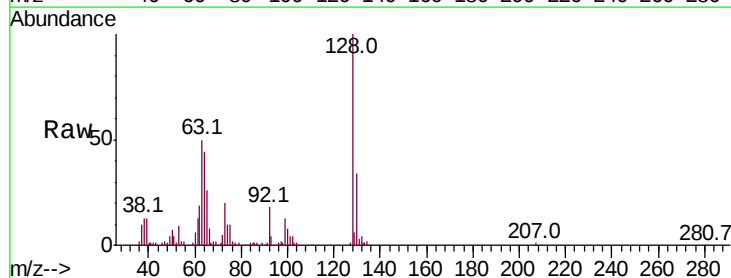
Tgt Ion: 128 Resp: 351505

Ion Ratio Lower Upper

128 100

130 33.9 12.0 52.0

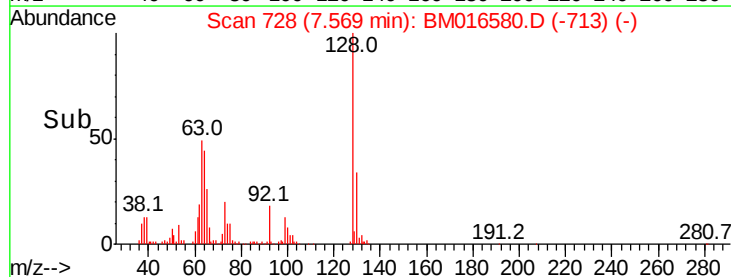
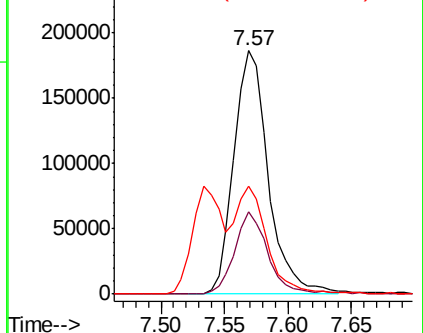
64 44.3 24.9 64.9

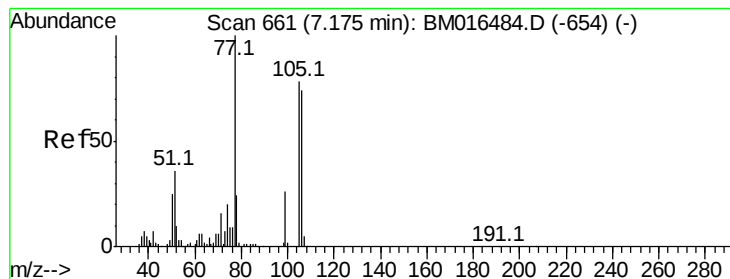


Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

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: 34.659 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

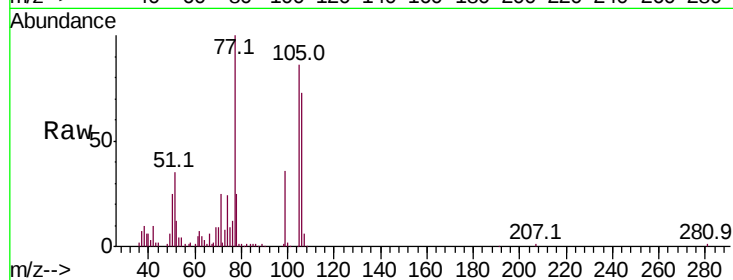
Tot Ion: 77 Resp: 217390

Ion Ratio Lower Upper

77 100

105 86.2 78.8 118.8

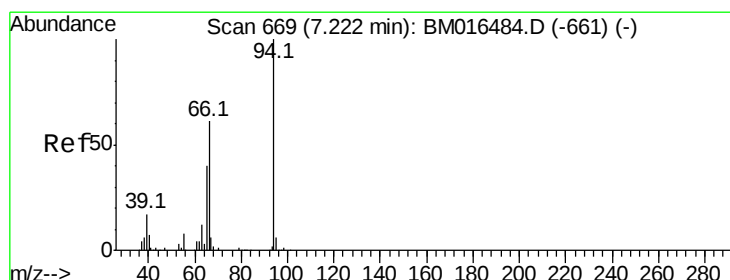
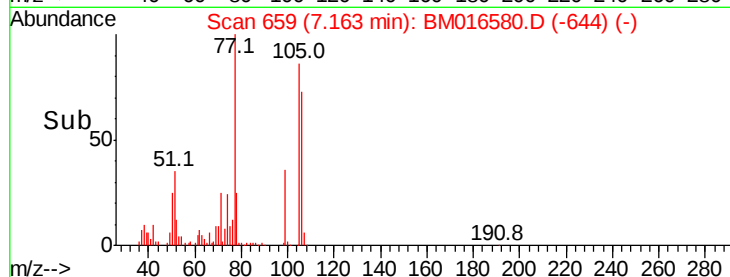
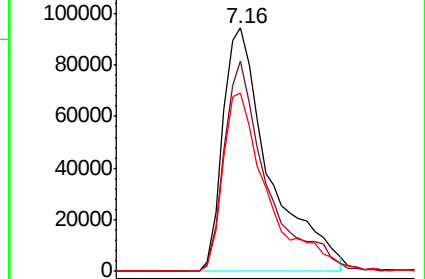
106 73.4 73.7 113.7#



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: 40.700 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

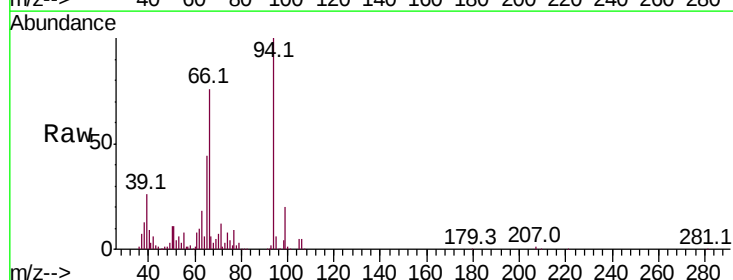
Tgt Ion: 94 Resp: 363777

Ion Ratio Lower Upper

94 100

65 44.5 18.8 58.8

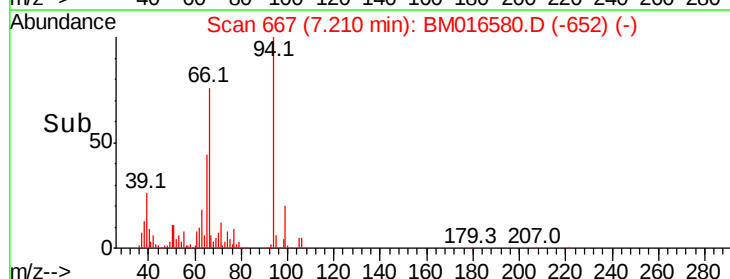
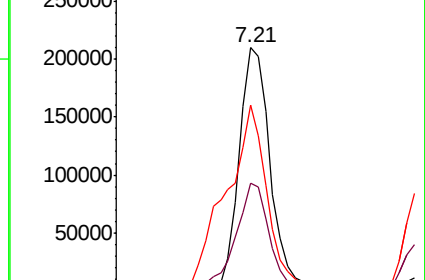
66 76.4 39.9 79.9

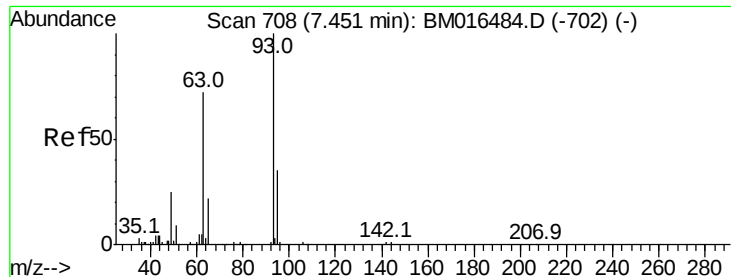


Abundance Ion 94.00 (93.70 to 94.70): BM016484.D (-661) (-)

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: 38.339 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampled :

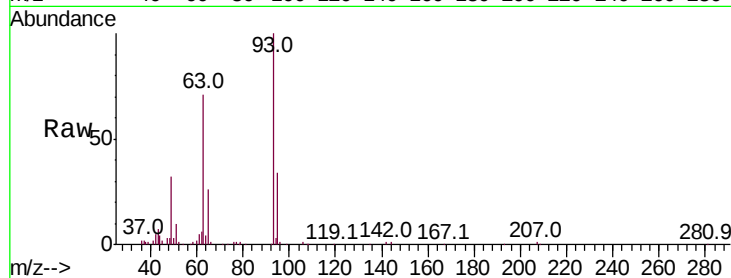
Tot Ion: 93 Resp: 256962

Ion Ratio Lower Upper

93 100

63 71.5 49.5 89.5

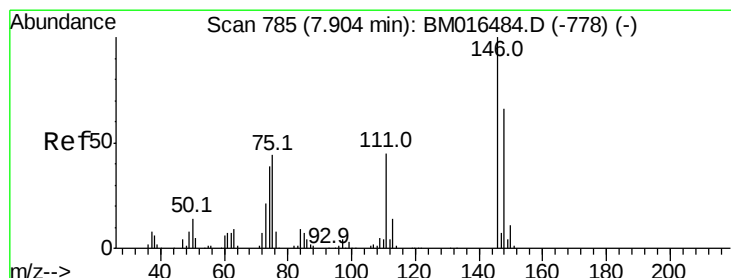
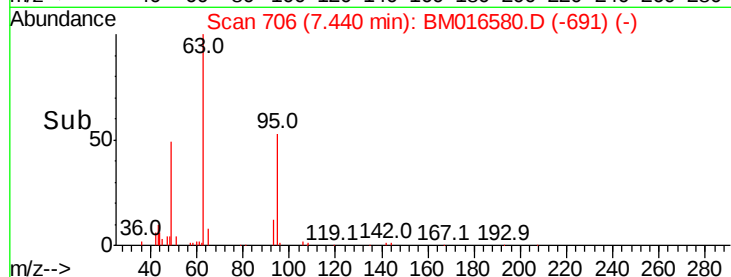
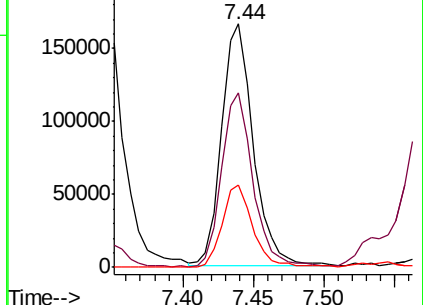
95 33.6 13.5 53.5



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) (-)



#12

1,3-Dichlorobenzene

Concen: 38.831 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

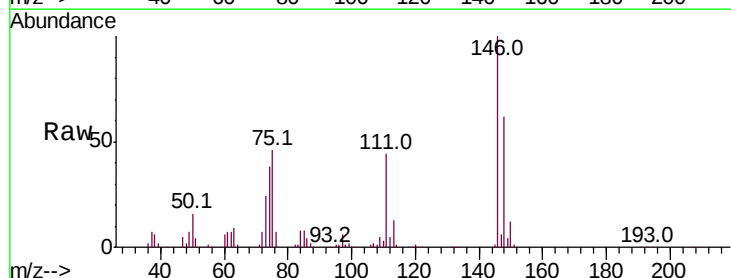
Tgt Ion: 146 Resp: 418412

Ion Ratio Lower Upper

146 100

148 62.2 50.9 76.3

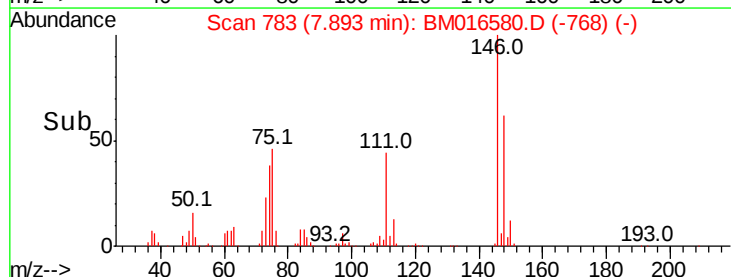
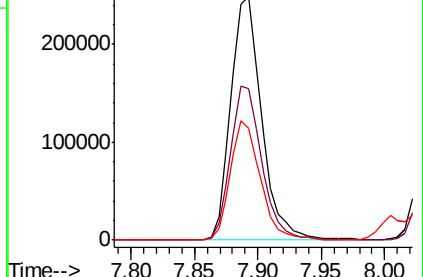
75 45.9 21.4 32.2#

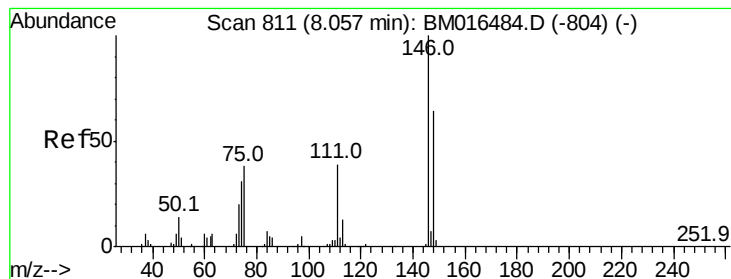


Abundance Ion 146.00 (145.70 to 146.70): BM016484.D (-778) (-)

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

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





#13

1,4-Dichlorobenzene

Concen: 38.135 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

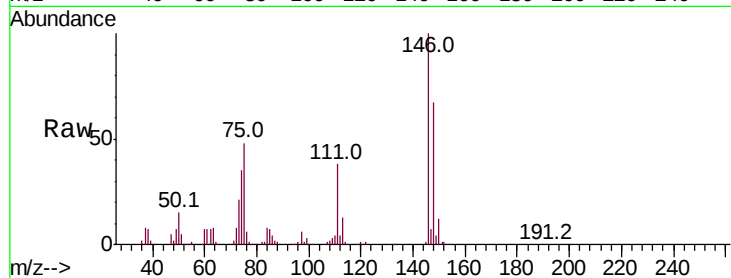
Tot Ion:146 Resp: 421690

Ion Ratio Lower Upper

146 100

148 67.5 51.9 77.9

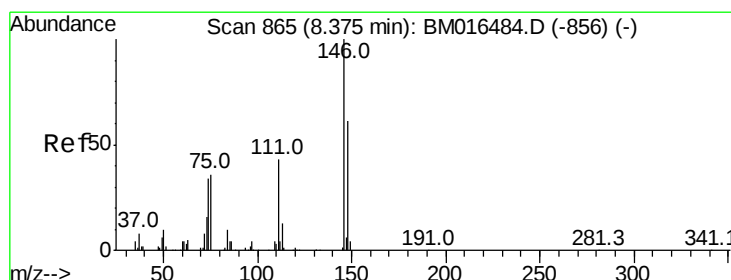
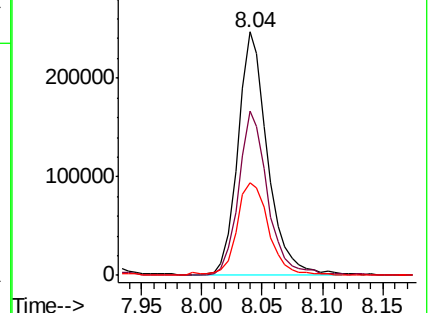
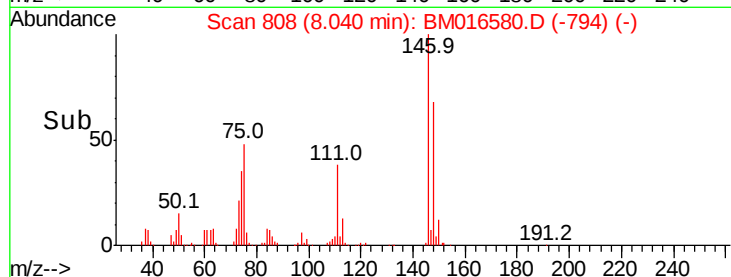
111 37.9 29.2 43.8



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: 38.149 ng

RT: 8.36 min Scan# 862

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

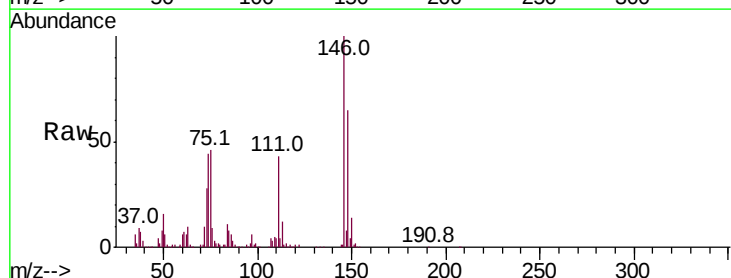
Tgt Ion:146 Resp: 414448

Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

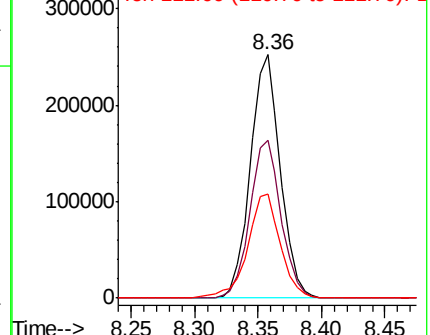
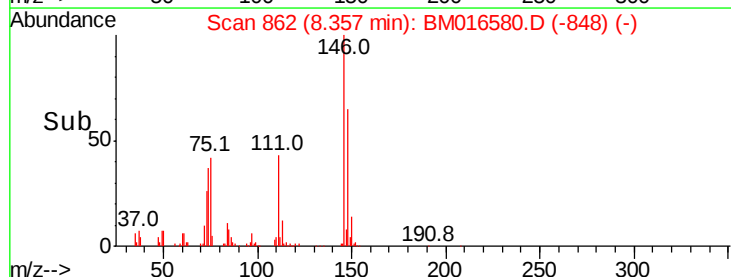
111 42.5 30.6 45.8

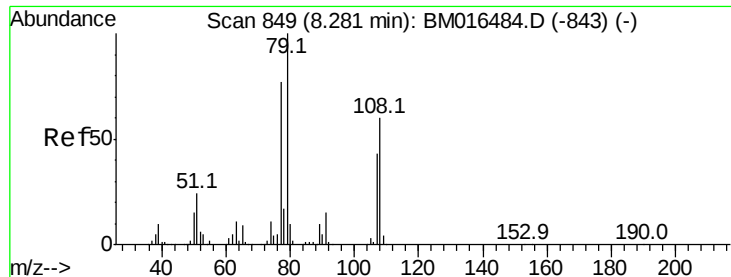


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.743 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

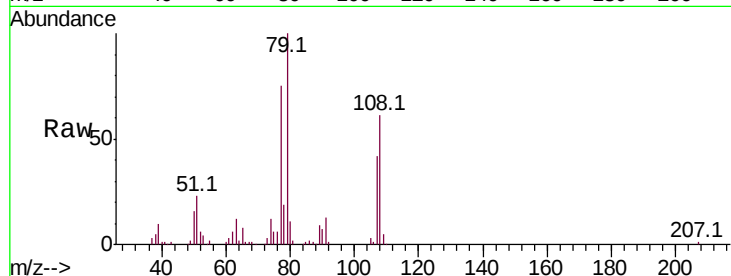
Tot Ion: 79 Resp: 308386

Ion Ratio Lower Upper

79 100

108 60.8 65.0 97.4#

77 74.9 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)

8.27

200000

150000

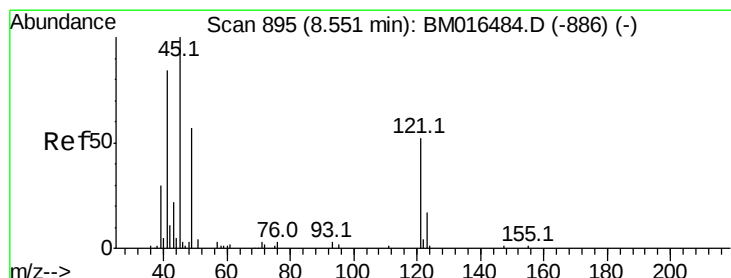
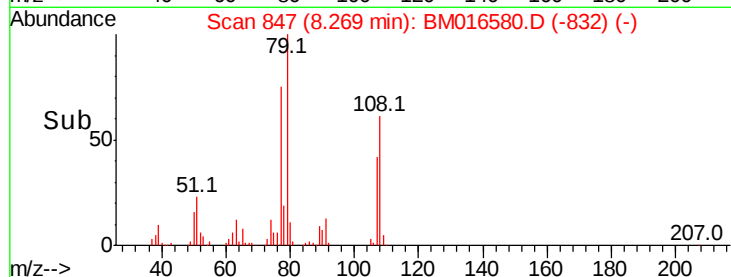
100000

50000

0

8.20 8.25 8.30

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.086 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

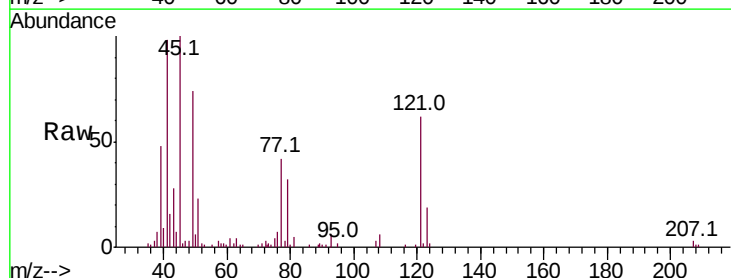
Tgt Ion: 45 Resp: 171156

Ion Ratio Lower Upper

45 100

77 41.7 0.0 35.2#

79 32.4 0.0 32.0#



Abundance Ion 45.00 (44.70 to 45.70): BM016484.D (-886) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-886) (-)

Ion 79.00 (78.70 to 79.70): BM016484.D (-886) (-)

150000

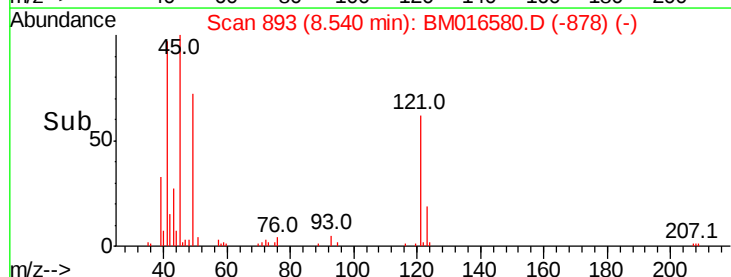
100000

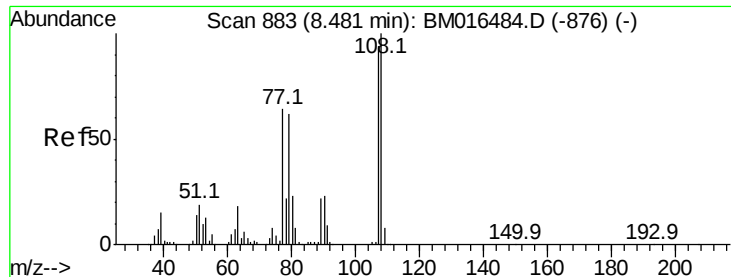
50000

0

8.45 8.50 8.55 8.60

Time-->

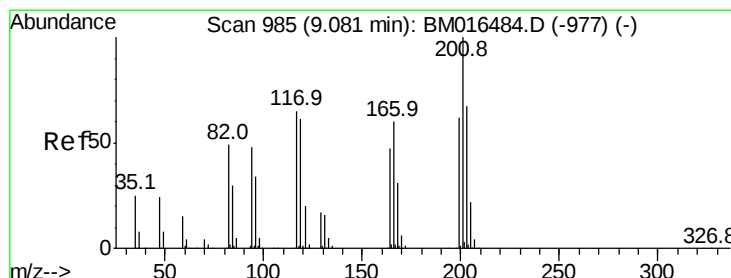
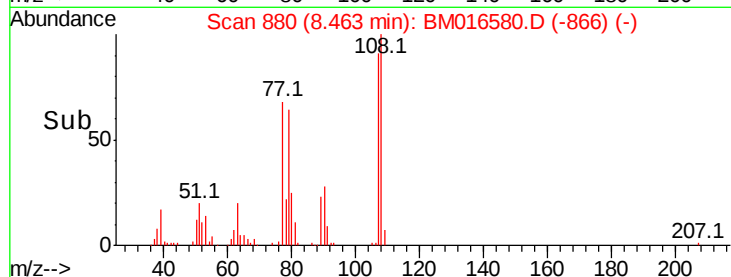
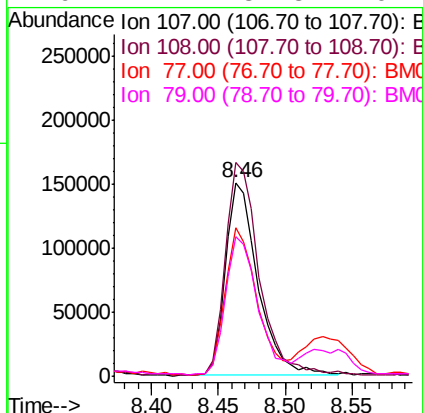
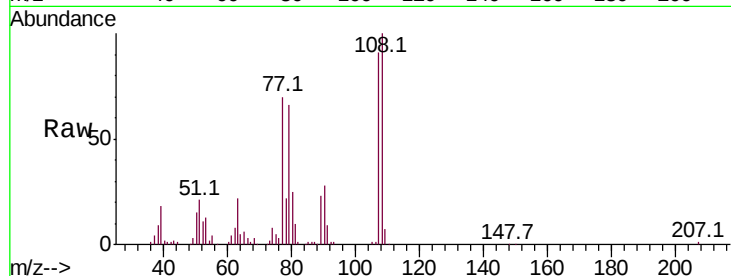




#17  
2-Methylphenol  
Concen: 39.585 ng  
RT: 8.46 min Scan# 880  
Delta R.T. -0.02 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

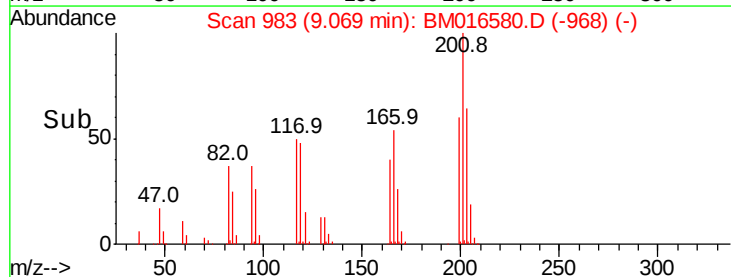
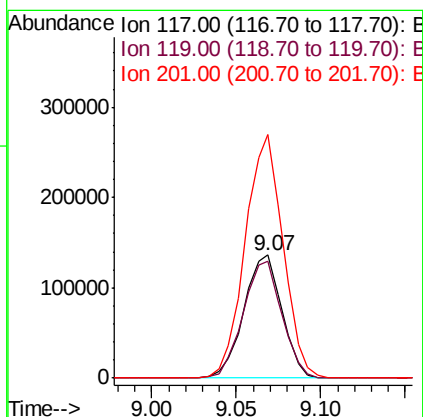
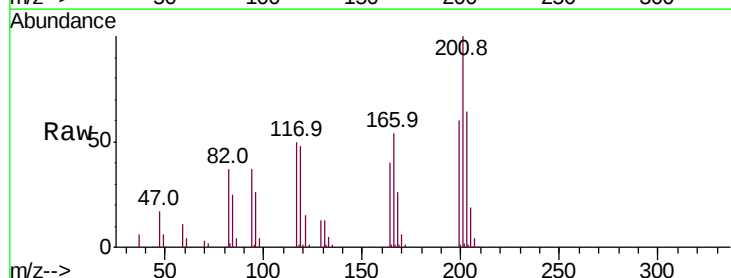
Instrument :  
BNA\_M  
ClientSampled :

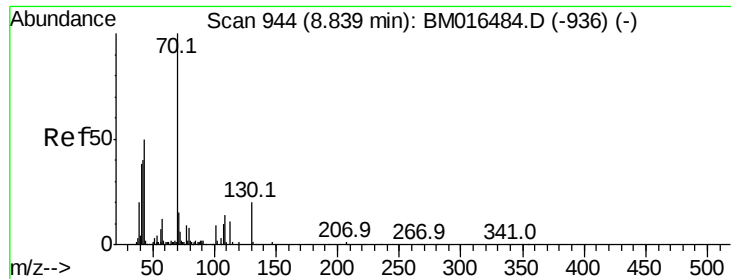
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.4 | 89.8  | 134.8 |
| 77      | 76.7  | 32.6  | 48.8# |
| 79      | 72.4  | 32.8  | 49.2# |



#18  
Hexachloroethane  
Concen: 41.978 ng  
RT: 9.07 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 95.4  | 79.2  | 118.8  |
| 201     | 198.3 | 69.8  | 104.6# |

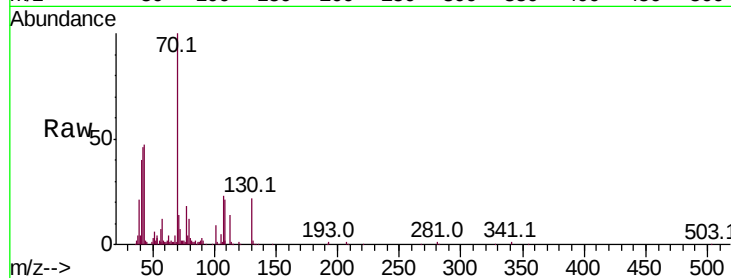




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.953 ng  
RT: 8.83 min Scan# 942  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Instrument :  
BNA\_M  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 268937 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 45.7  | 44.5  | 66.7   |
| 101      | 8.8   | 7.4   | 11.2   |
| 130      | 22.2  | 15.3  | 22.9   |



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

250000

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

200000

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

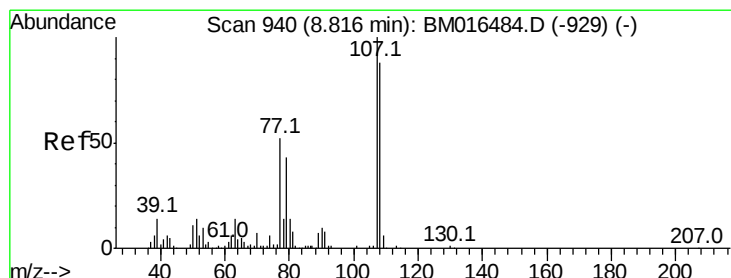
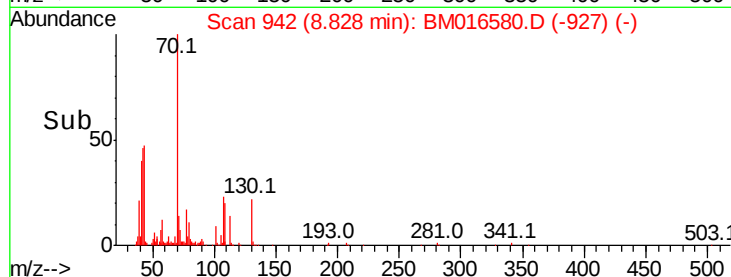
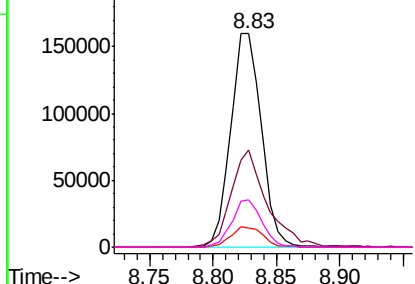
150000

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

100000

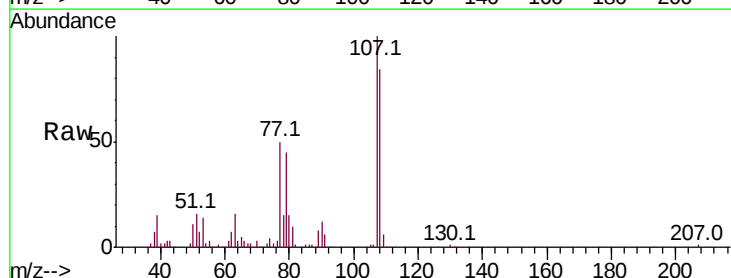
50000

0



#20  
3+4-Methylphenols  
Concen: 39.589 ng  
RT: 8.80 min Scan# 937  
Delta R.T. -0.02 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 354289 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 83.8  | 73.2  | 113.2  |
| 77       | 49.9  | 10.7  | 50.7   |
| 79       | 44.6  | 9.6   | 49.6   |



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

500000

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

400000

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

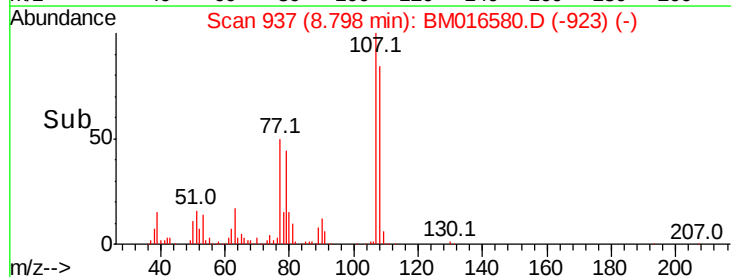
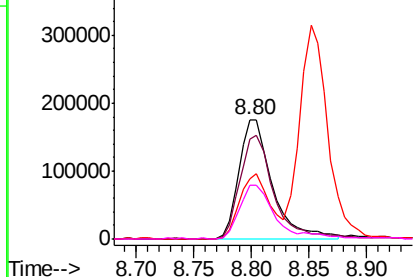
300000

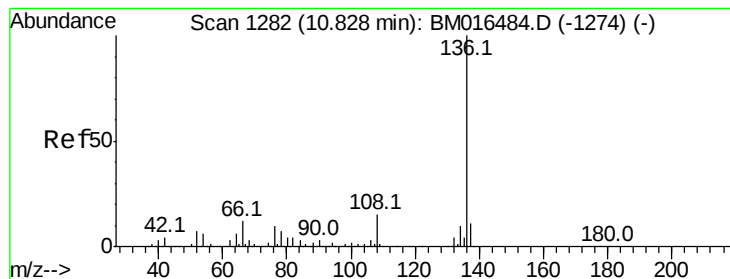
Ion 79.00 (78.70 to 79.70): BM016484.D (-929) (-)

200000

100000

0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampled :

Tot Ion:136 Resp: 526749

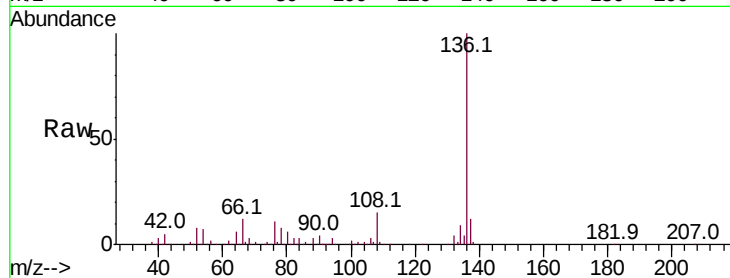
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 7.0 4.6 6.8#

68 2.6 3.7 5.5#

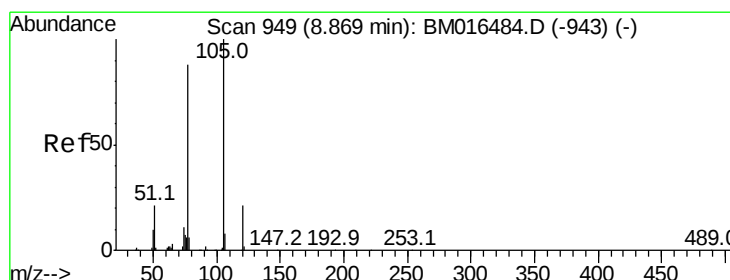
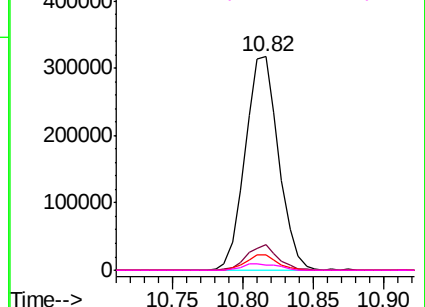
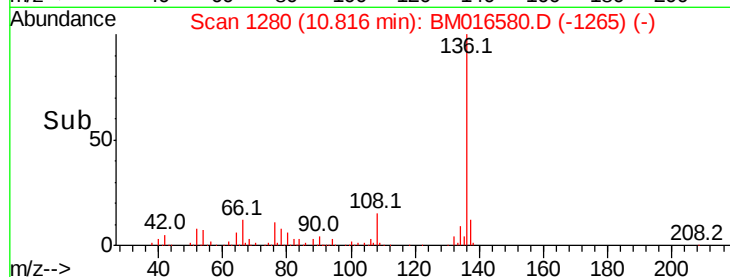


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.775 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Tgt Ion:105 Resp: 529885

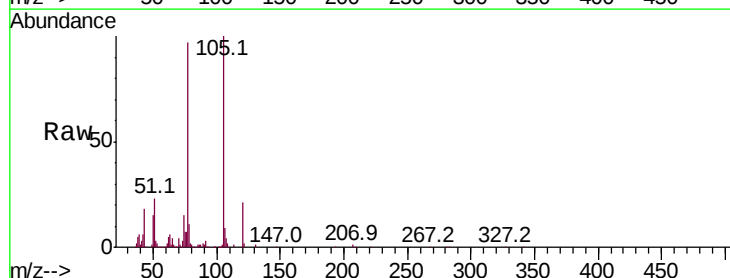
Ion Ratio Lower Upper

105 100

71 0.5 0.6 1.0#

51 23.2 21.6 32.4

120 20.8 16.1 24.1

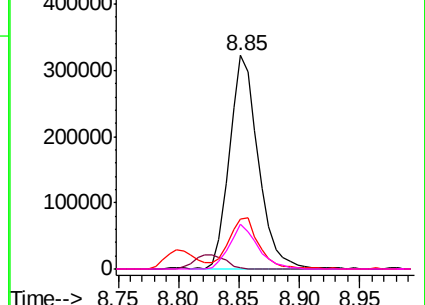
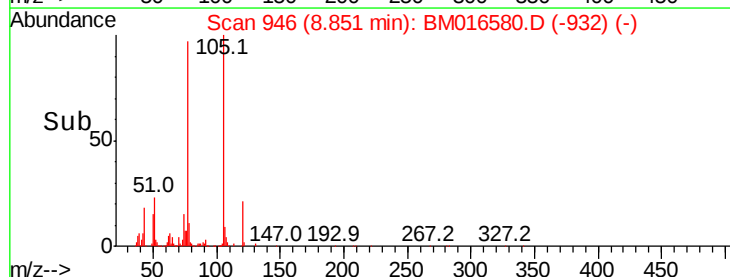


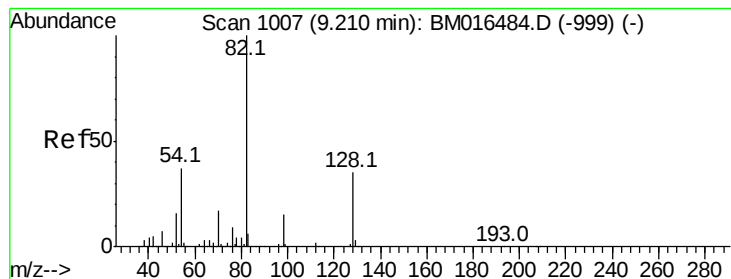
Abundance Ion 105.00 (104.70 to 105.70): E

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: 66.024 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

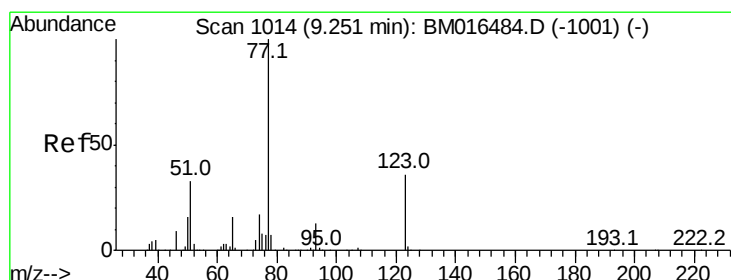
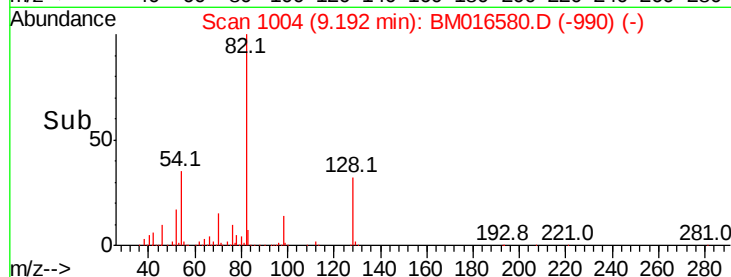
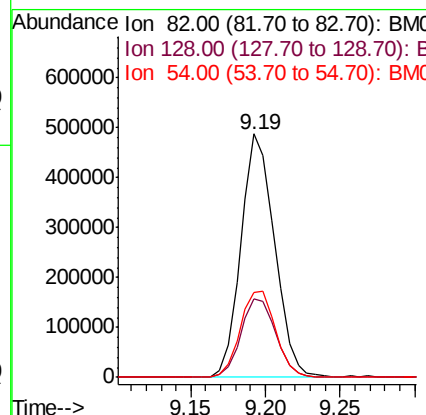
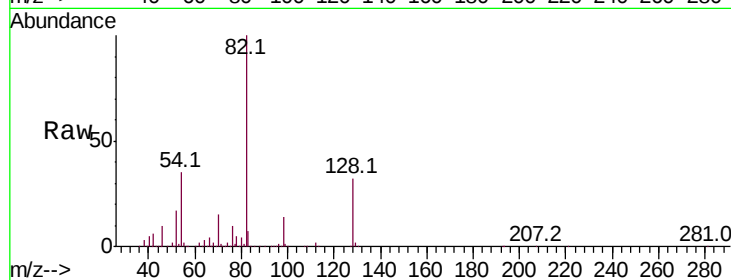
Tot Ion: 82 Resp: 761689

Ion Ratio Lower Upper

82 100

128 32.3 32.8 49.2#

54 35.1 40.6 60.8#



#24

Nitrobenzene

Concen: 38.918 ng

RT: 9.24 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

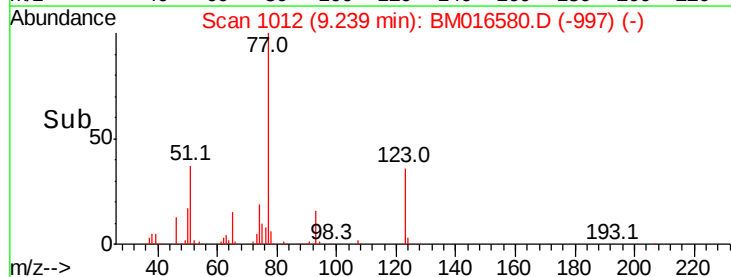
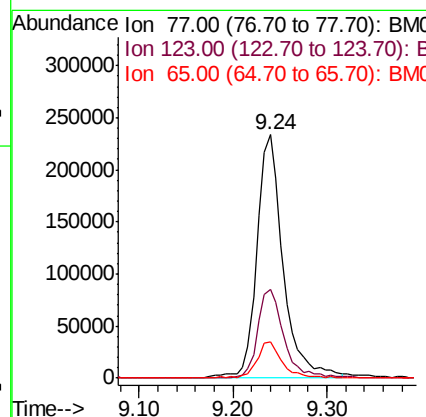
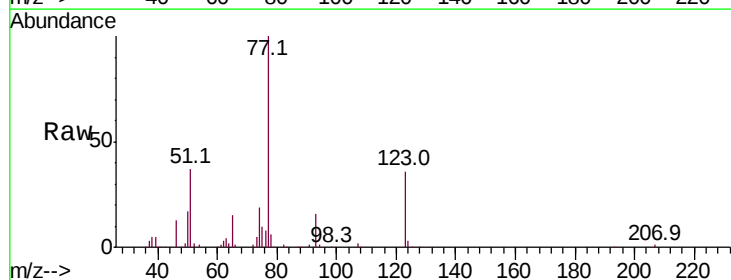
Tgt Ion: 77 Resp: 448604

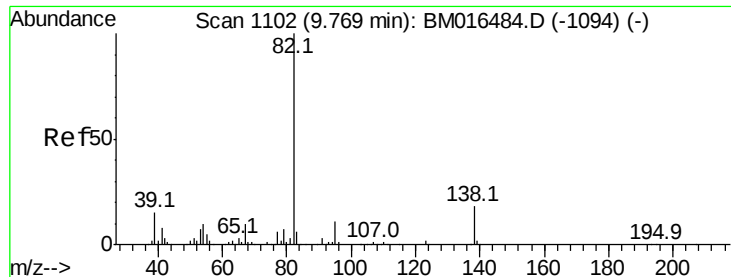
Ion Ratio Lower Upper

77 100

123 36.3 32.6 49.0

65 15.1 10.9 16.3





#25

Isophorone

Concen: 46.673 ng

RT: 9.75 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampled :

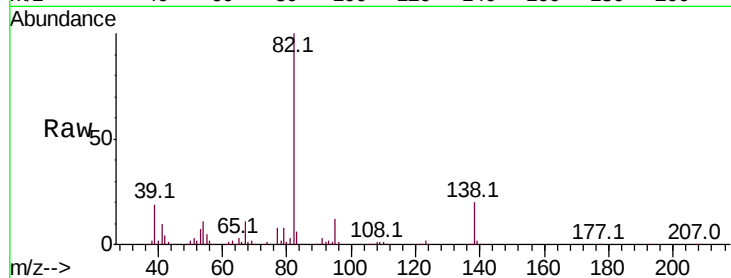
Tot Ion: 82 Resp: 719641

Ion Ratio Lower Upper

82 100

95 11.5 5.8 8.6#

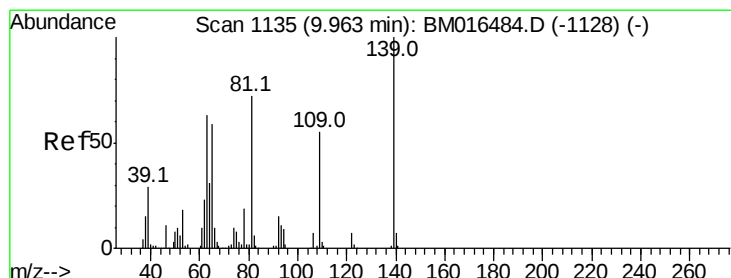
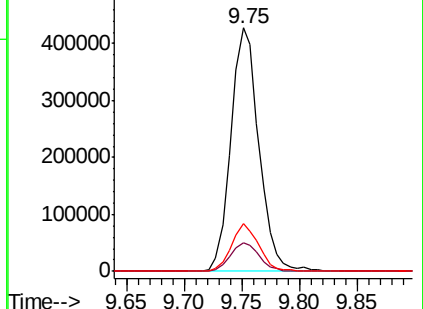
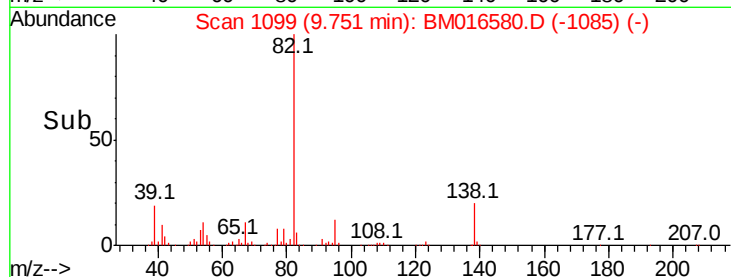
138 19.6 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016580.D (-1085) (-)

Ion 95.00 (94.70 to 95.70): BM016580.D (-1085) (-)

Ion 138.00 (137.70 to 138.70): BM016580.D (-1085) (-)



#26

2-Nitrophenol

Concen: 40.987 ng

RT: 9.95 min Scan# 1132

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

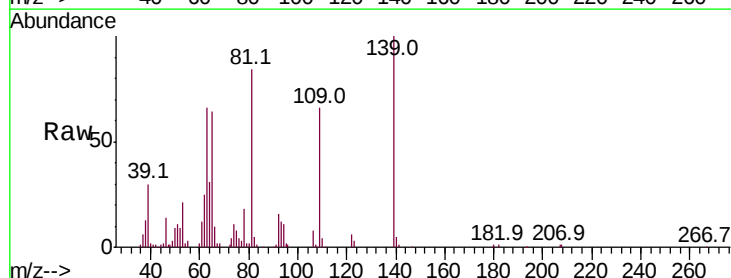
Tgt Ion: 139 Resp: 201977

Ion Ratio Lower Upper

139 100

109 66.2 20.1 30.1#

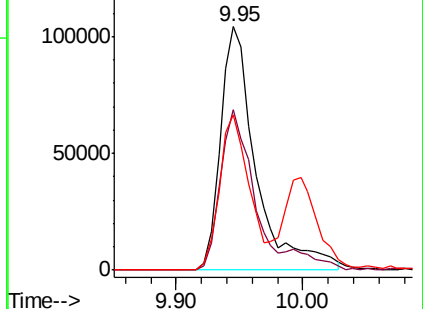
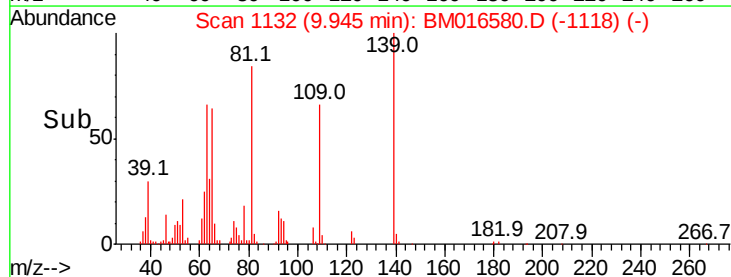
65 63.9 31.5 47.3#

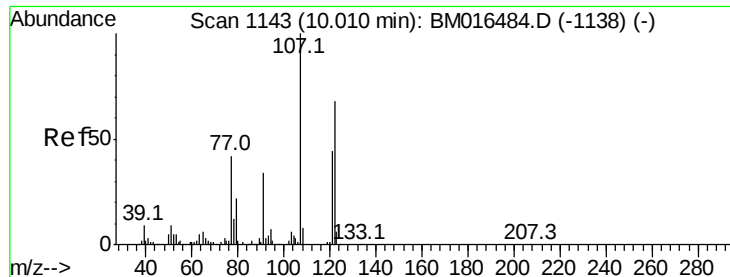


Abundance Ion 139.00 (138.70 to 139.70): BM016580.D (-1118) (-)

Ion 109.00 (108.70 to 109.70): BM016580.D (-1118) (-)

Ion 65.00 (64.70 to 65.70): BM016580.D (-1118) (-)





#27

2,4-Dimethylphenol

Concen: 48.226 ng

RT: 10.00 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

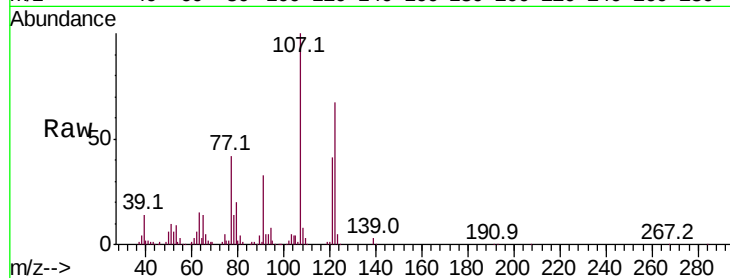
Tot Ion:122 Resp: 309703

Ion Ratio Lower Upper

122 100

107 149.7 84.7 127.1#

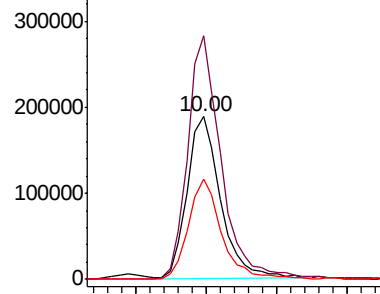
121 61.5 46.6 69.8



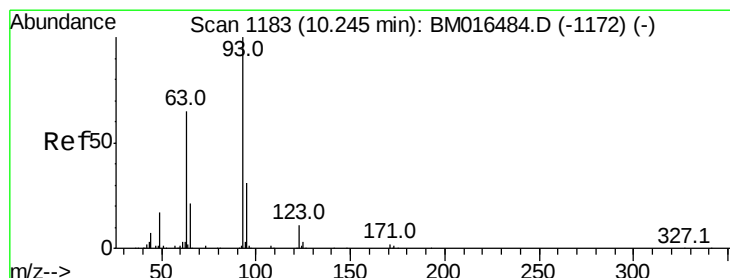
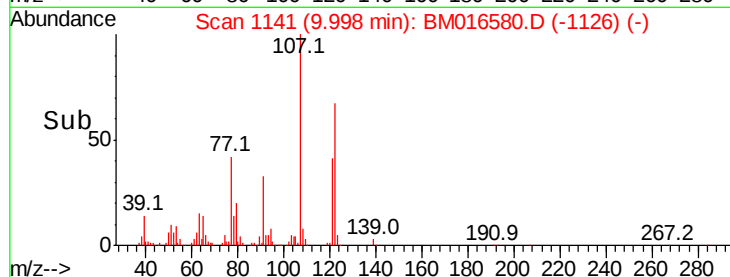
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 42.835 ng

RT: 10.23 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

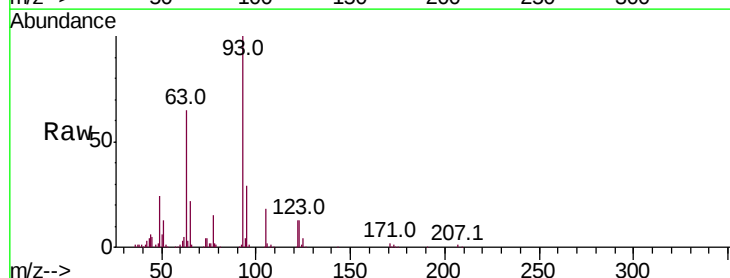
Tgt Ion: 93 Resp: 394251

Ion Ratio Lower Upper

93 100

95 29.2 25.5 38.3

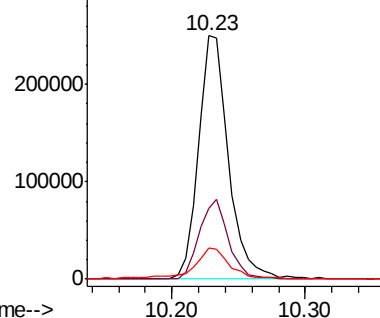
123 12.8 8.6 13.0



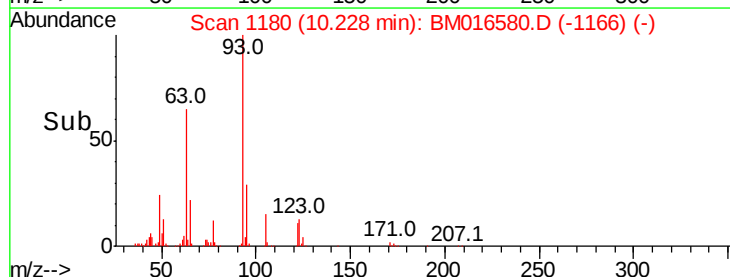
Abundance Ion 93.00 (92.70 to 93.70): BM0

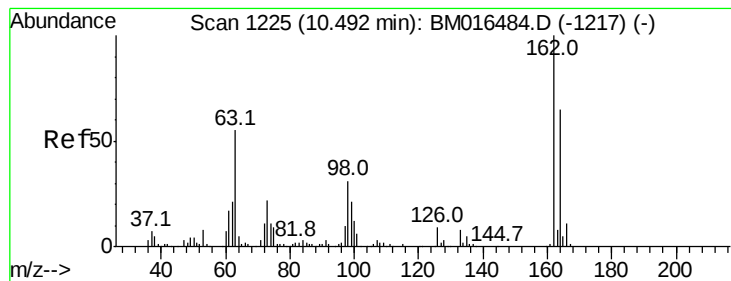
Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E



Time-->





#29

2,4-Dichlorophenol

Concen: 49.104 ng

RT: 10.48 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

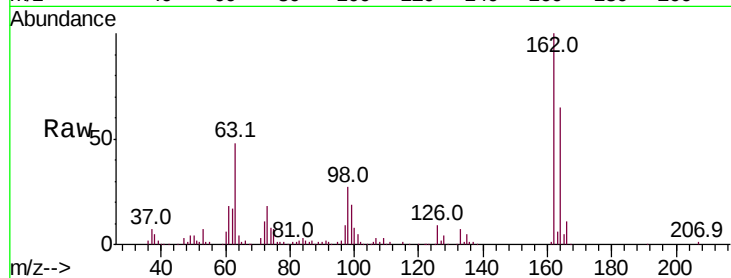
Tot Ion:162 Resp: 471953

Ion Ratio Lower Upper

162 100

164 64.5 42.8 82.8

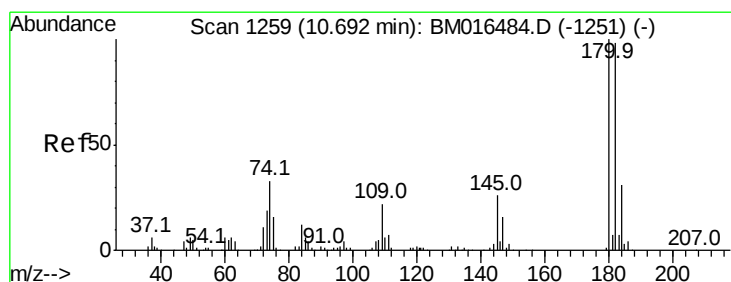
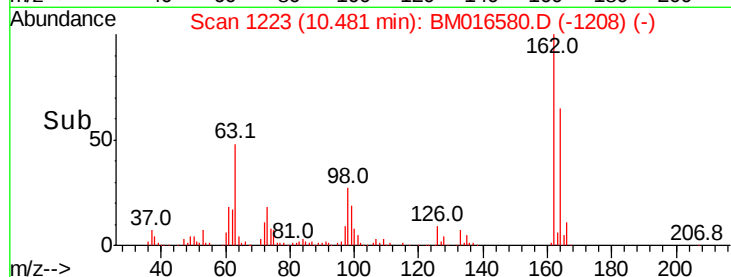
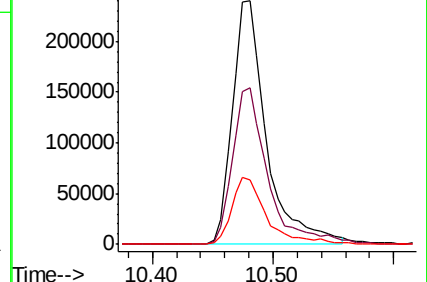
98 26.6 14.5 54.5



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: 48.179 ng

RT: 10.67 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

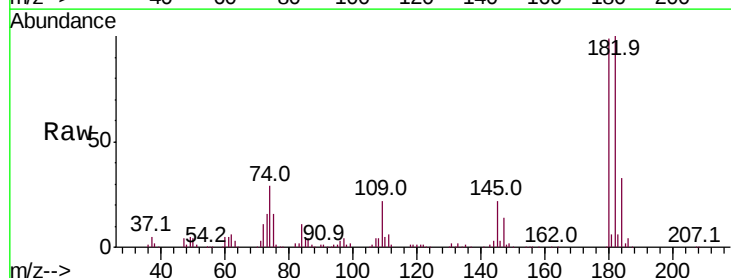
Tgt Ion:180 Resp: 702639

Ion Ratio Lower Upper

180 100

182 101.4 77.6 116.4

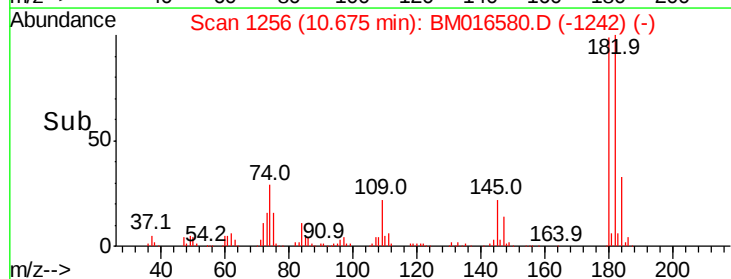
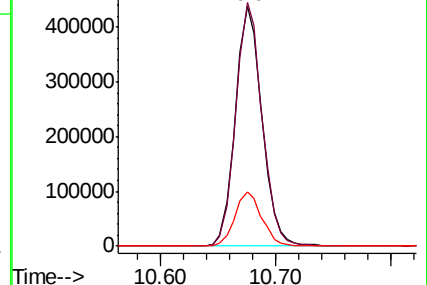
145 22.8 23.4 35.2#

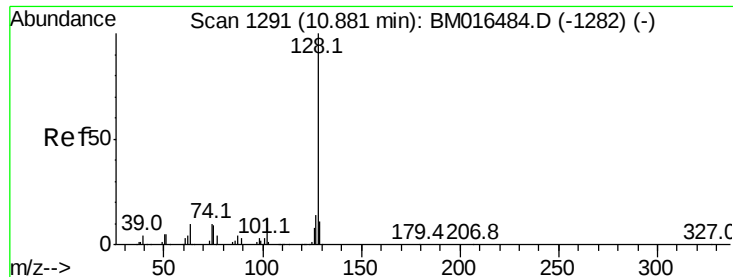


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.832 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

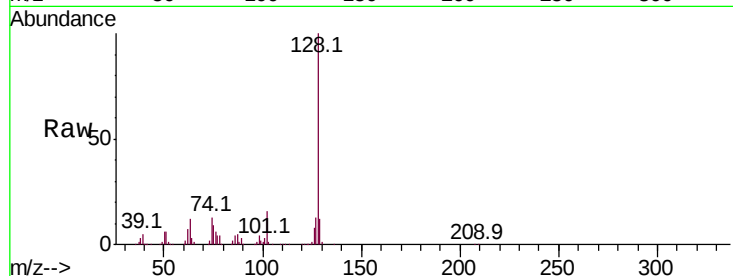
Tot Ion:128 Resp: 1074931

Ion Ratio Lower Upper

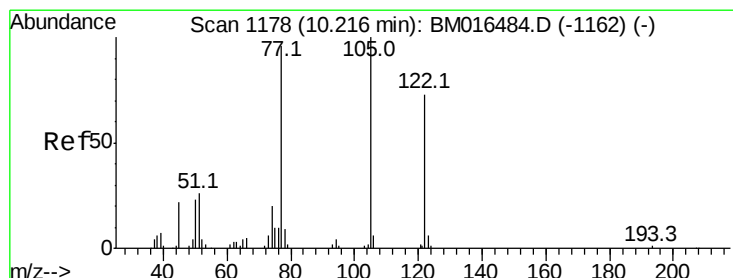
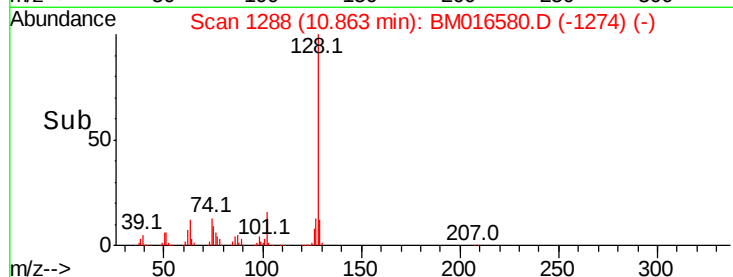
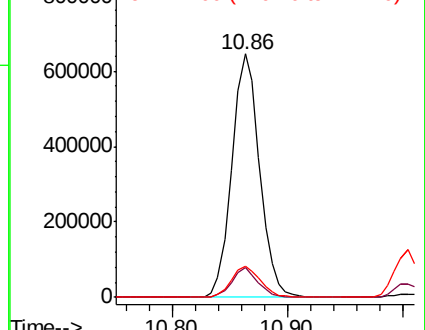
128 100

129 12.0 8.9 13.3

127 12.6 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.840 ng

RT: 10.22 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

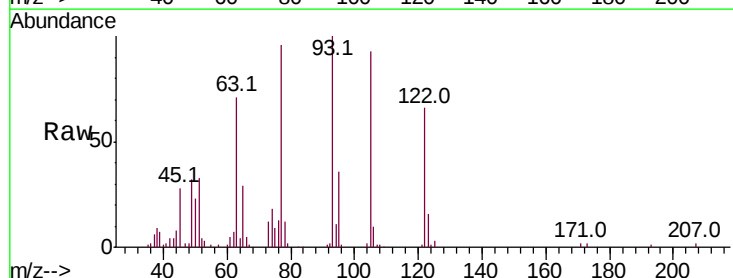
Tgt Ion:122 Resp: 171081

Ion Ratio Lower Upper

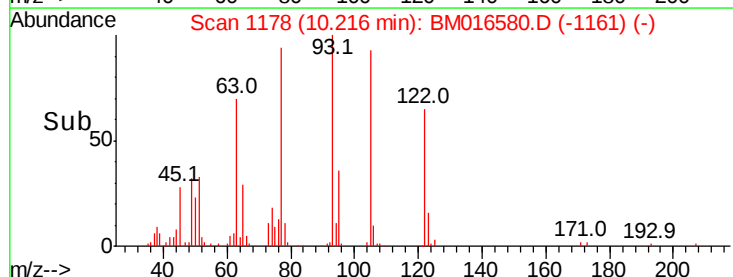
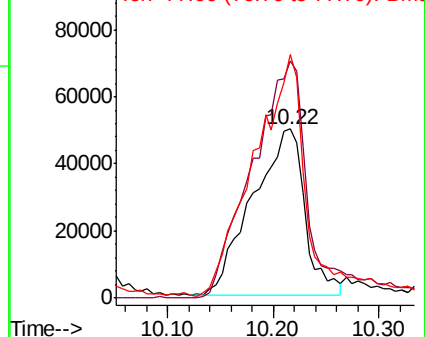
122 100

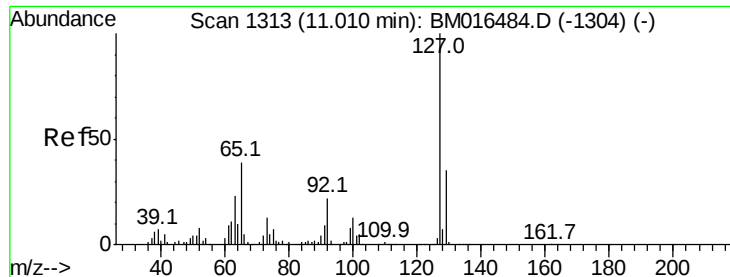
105 140.7 99.9 139.9#

77 144.2 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM

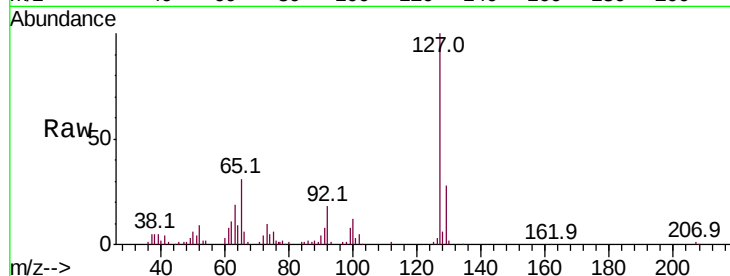




#33  
4-Chloroaniline  
Concen: 21.779 ng  
RT: 11.00 min Scan# 1312  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 230024 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 28.2  | 25.3  | 37.9   |
| 65       | 30.8  | 17.6  | 26.4   |
| 92       | 17.7  | 13.1  | 19.7   |



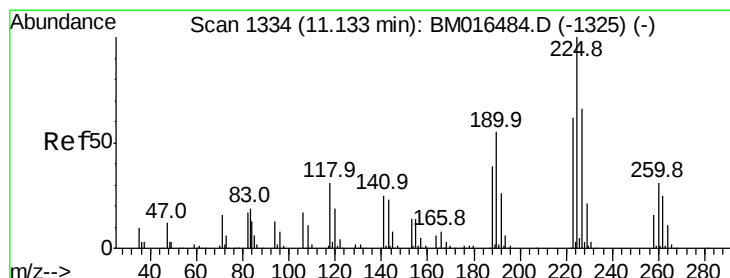
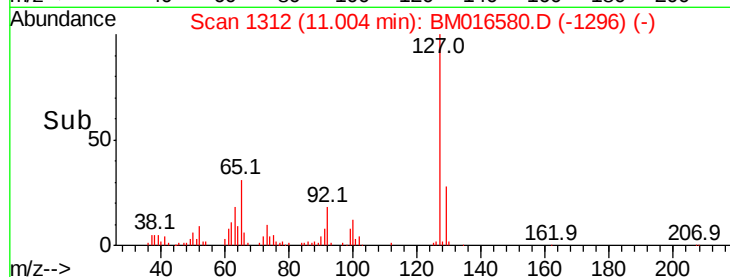
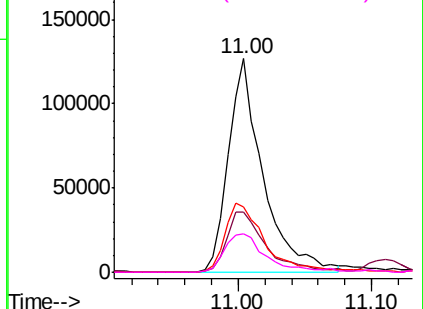
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

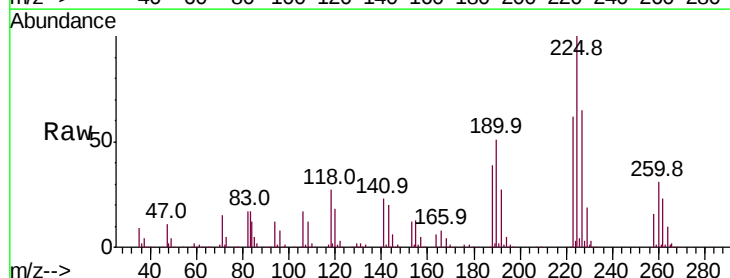
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34  
Hexachlorobutadiene  
Concen: 48.335 ng  
RT: 11.11 min Scan# 1330  
Delta R.T. -0.02 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 672812 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 47.9  | 71.9   |
| 227      | 65.5  | 50.1  | 75.1   |

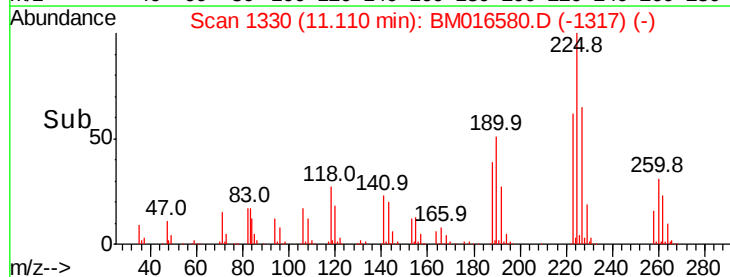
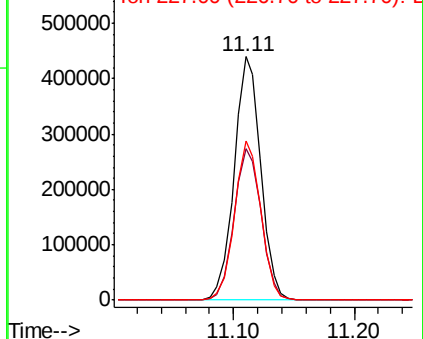


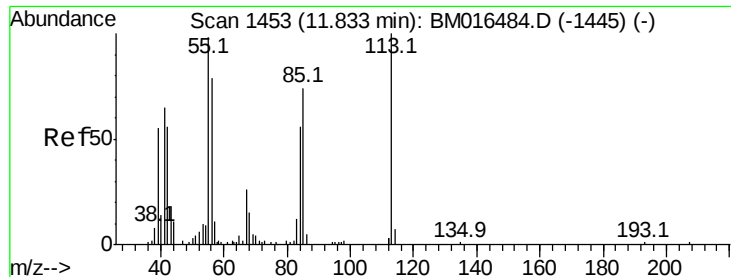
Abundance

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: 35.002 ng

RT: 11.82 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

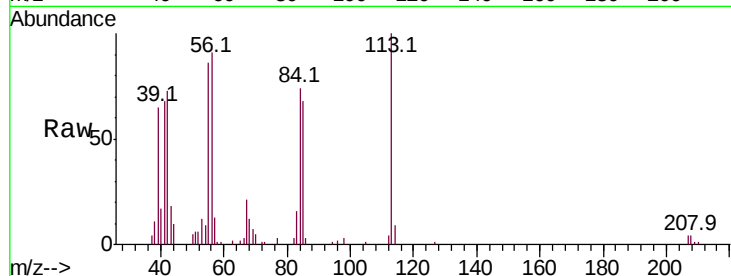
Tot Ion:113 Resp: 80723

Ion Ratio Lower Upper

113 100

55 85.7 145.9 185.9#

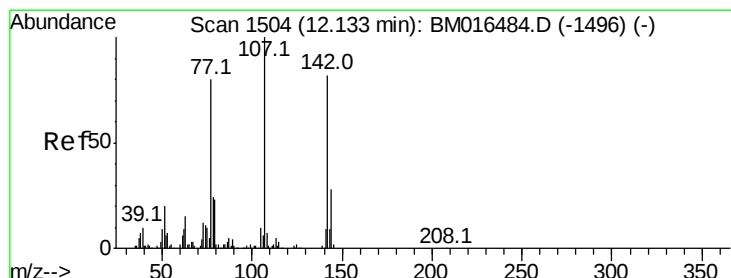
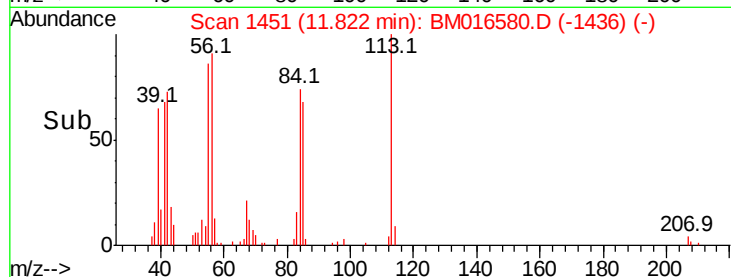
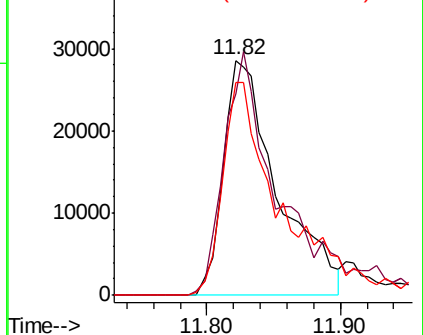
56 90.5 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 40.366 ng

RT: 12.12 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

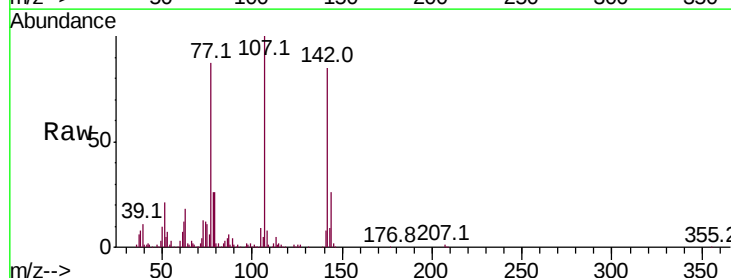
Tgt Ion:107 Resp: 372976

Ion Ratio Lower Upper

107 100

144 25.8 23.3 34.9

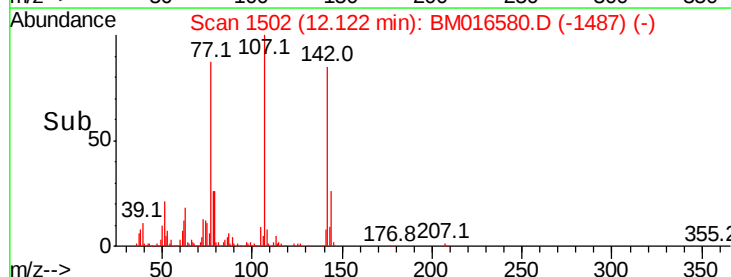
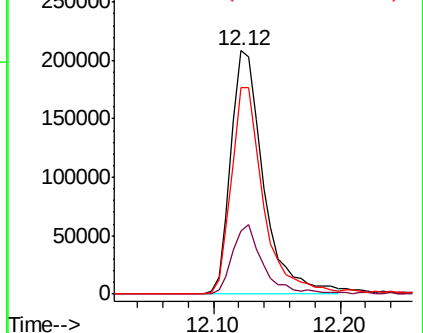
142 84.7 72.6 109.0

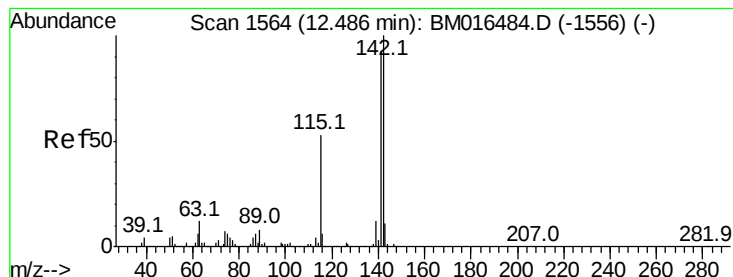


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.081 ng

RT: 12.47 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

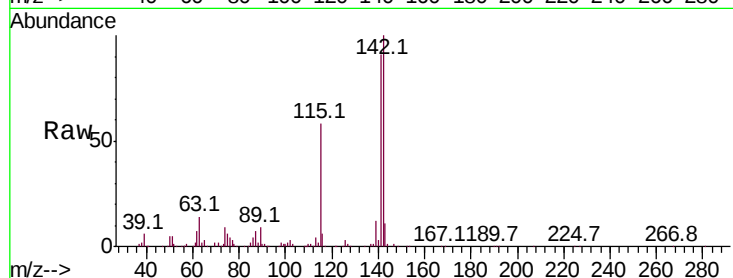
Tot Ion:142 Resp: 944638

Ion Ratio Lower Upper

142 100

141 91.4 71.9 107.9

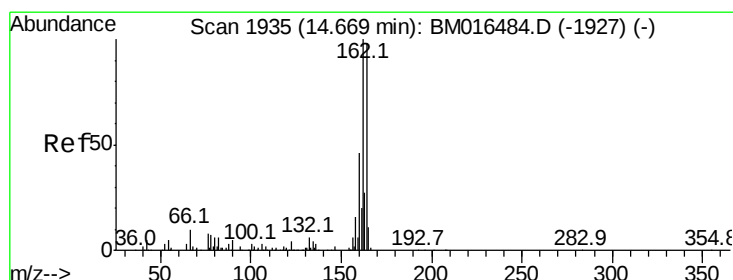
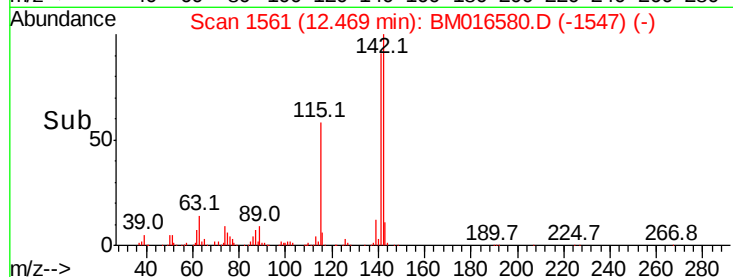
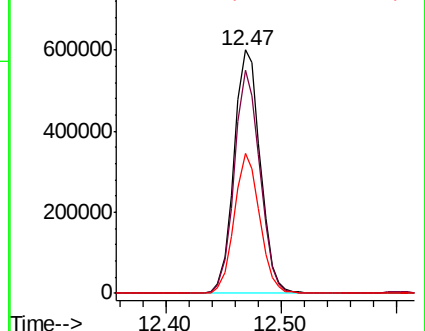
115 57.7 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

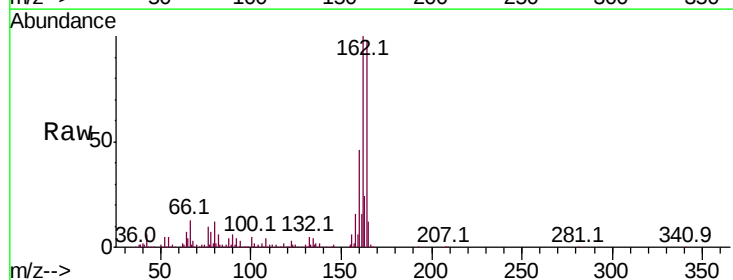
Tgt Ion:164 Resp: 403057

Ion Ratio Lower Upper

164 100

162 102.5 82.4 123.6

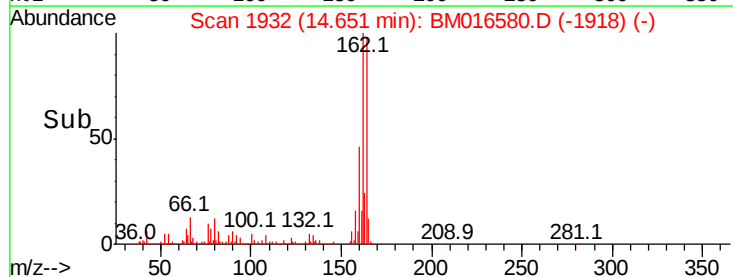
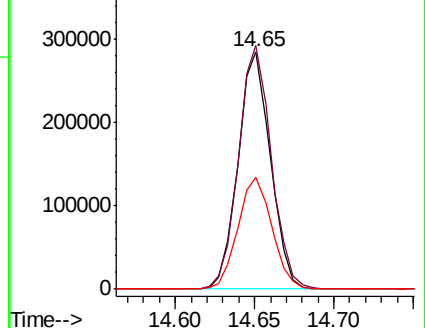
160 46.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

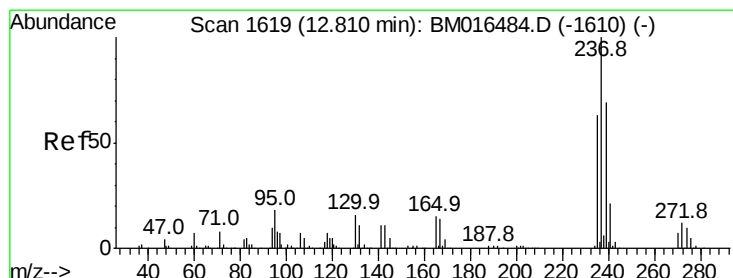
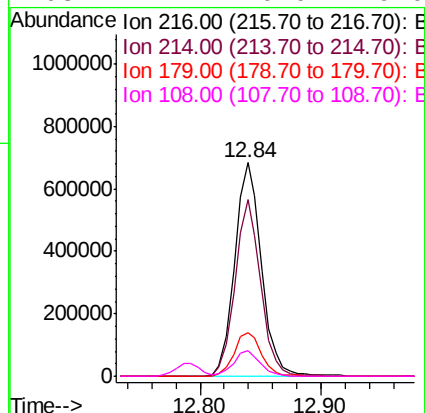
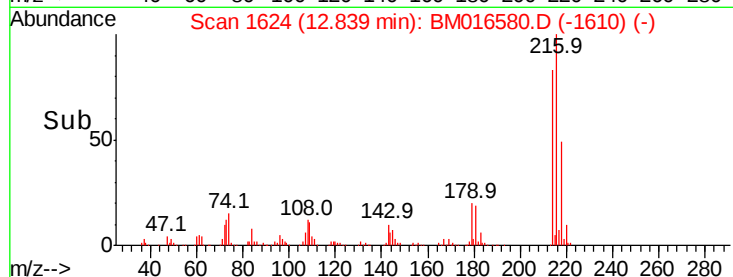
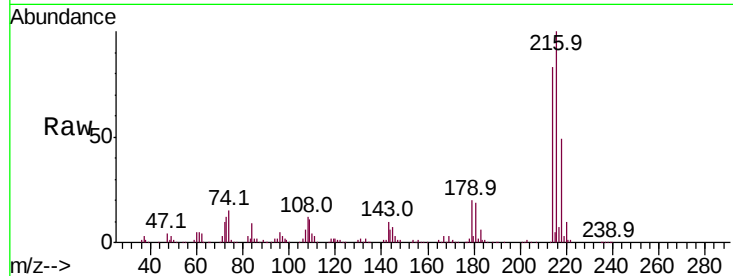




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.228 ng  
 RT: 12.84 min Scan# 1624  
 Delta R.T. -0.02 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

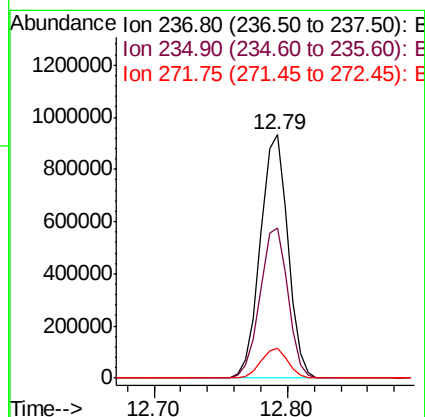
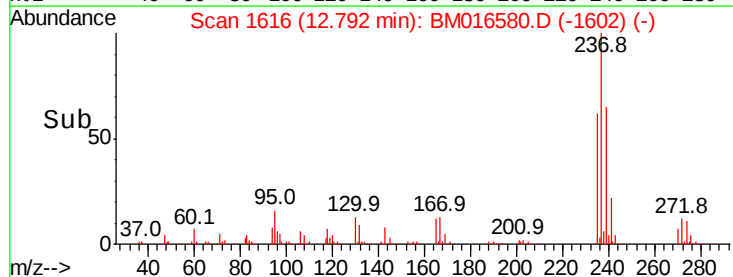
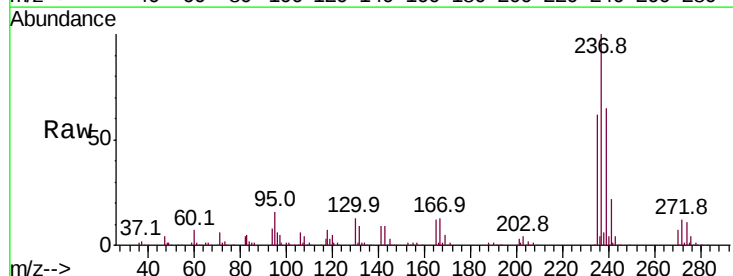
Instrument :  
 BNA\_M  
 ClientSampled :

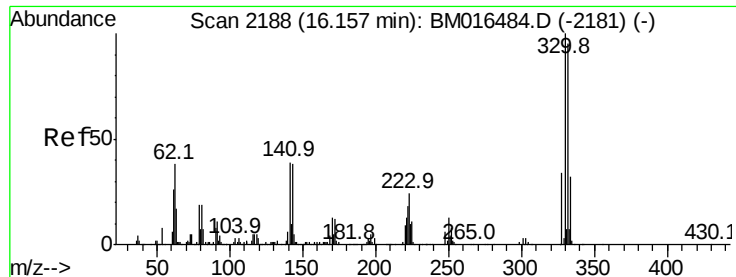
Tot Ion:216 Resp: 1052319  
 Ion Ratio Lower Upper  
 216 100  
 214 79.4 0.0 0.0#  
 179 20.6 0.0 0.0#  
 108 11.7 0.0 0.0#



#40  
 Hexachlorocyclopentadiene  
 Concen: 111.196 ng  
 RT: 12.79 min Scan# 1616  
 Delta R.T. -0.02 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Tgt Ion:237 Resp: 1324732  
 Ion Ratio Lower Upper  
 237 100  
 235 61.8 42.0 82.0  
 272 12.5 0.0 33.4

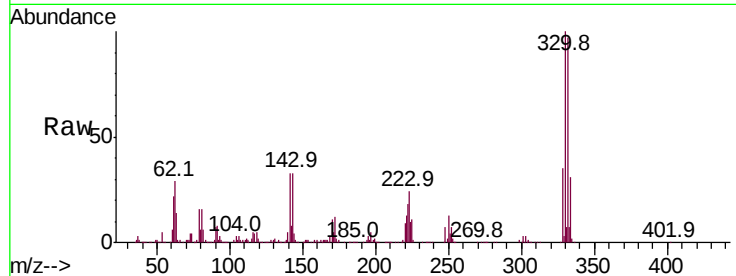




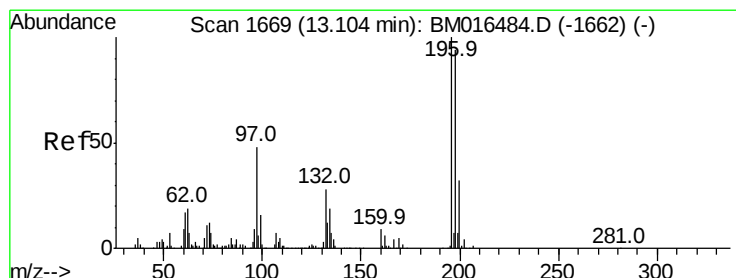
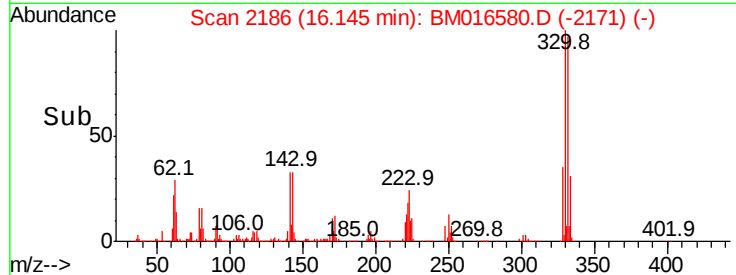
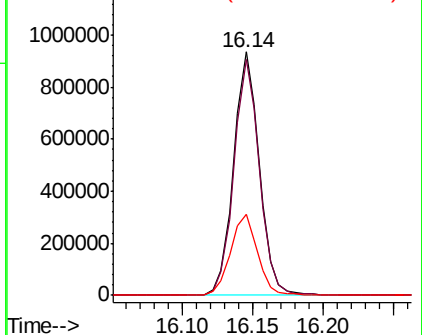
#41  
 2,4,6-Tribromophenol  
 Concen: 105.261 ng  
 RT: 16.14 min Scan# 2186  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:330 Resp: 1185993  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 0.0 0.0#  
 141 34.7 0.0 0.0#

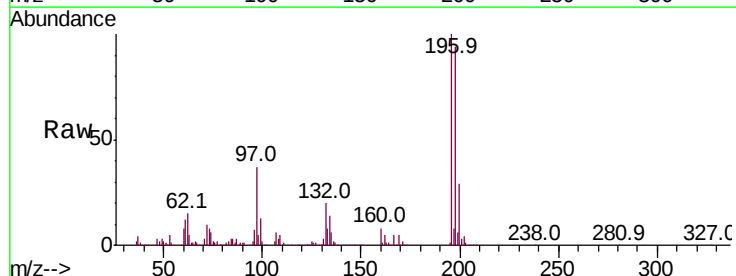


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

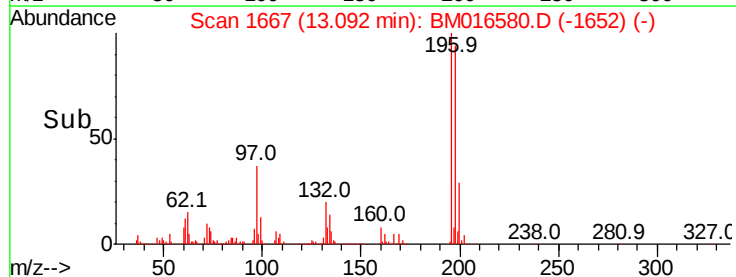
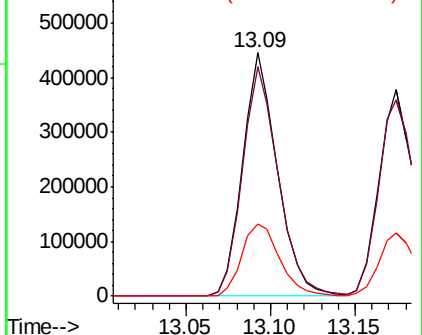


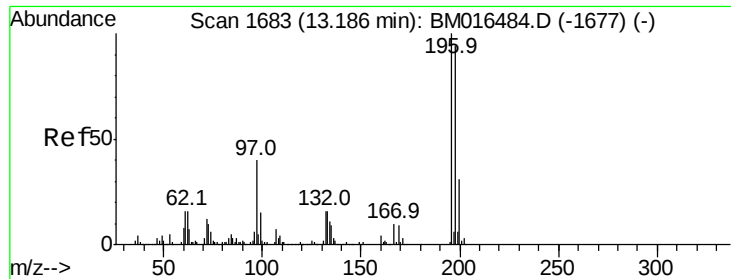
#42  
 2,4,6-Trichlorophenol  
 Concen: 47.078 ng  
 RT: 13.09 min Scan# 1667  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Tgt Ion:196 Resp: 640839  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 76.3 114.5  
 200 29.4 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

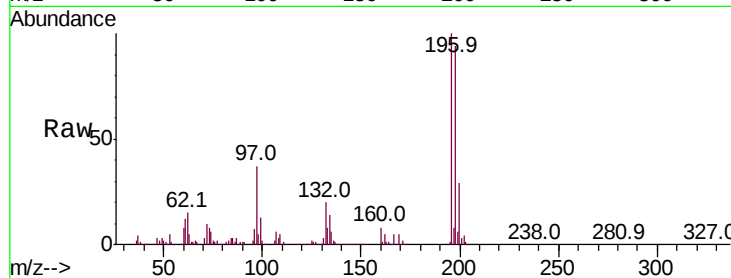




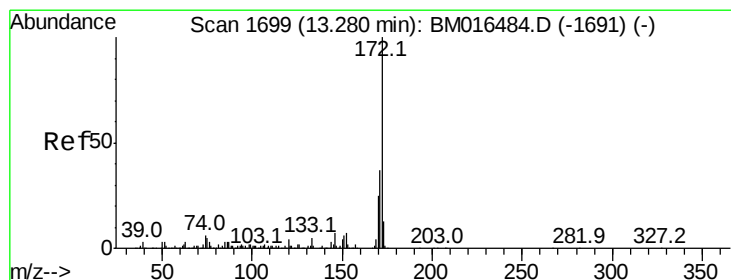
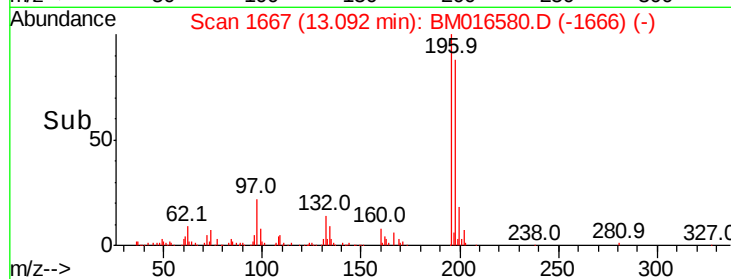
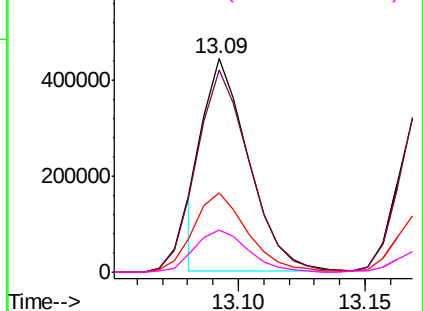
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.405 ng  
 RT: 13.09 min Scan# 1667  
 Delta R.T. -0.09 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:196 Resp: 550549  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 79.4 119.0  
 97 37.2 26.8 40.2  
 132 19.7 18.6 28.0

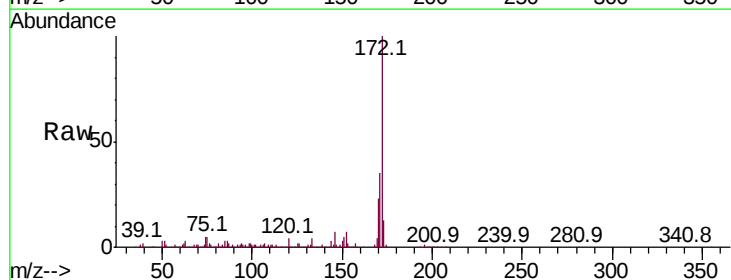


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BM  
 Ion 132.00 (131.70 to 132.70): E

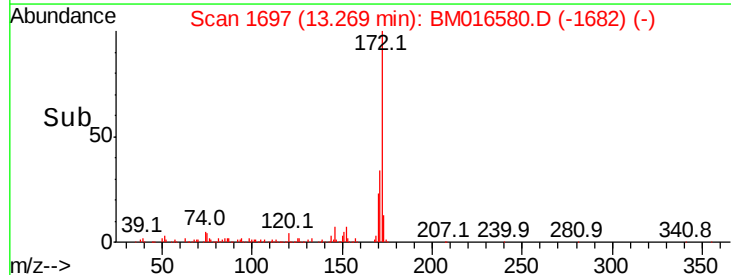
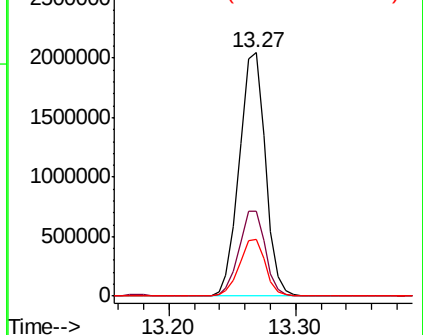


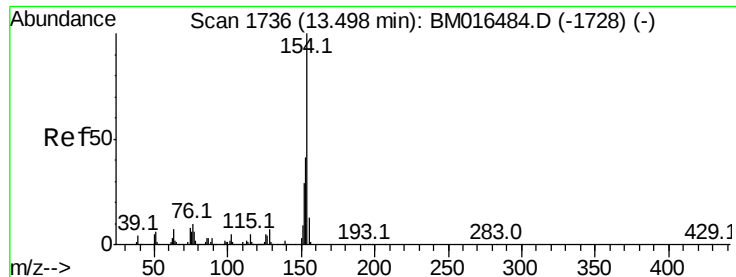
#44  
 2-Fluorobiphenyl  
 Concen: 69.496 ng  
 RT: 13.27 min Scan# 1697  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Tgt Ion:172 Resp: 2914101  
 Ion Ratio Lower Upper  
 172 100  
 171 34.8 28.5 42.7  
 170 23.1 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

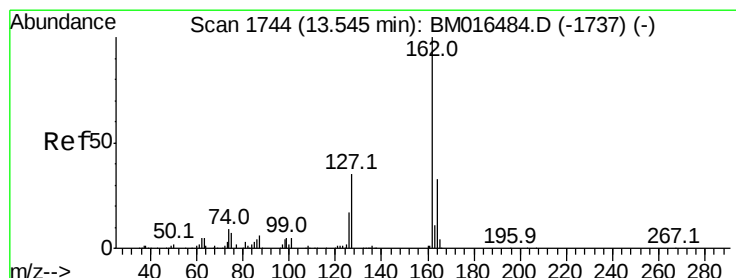
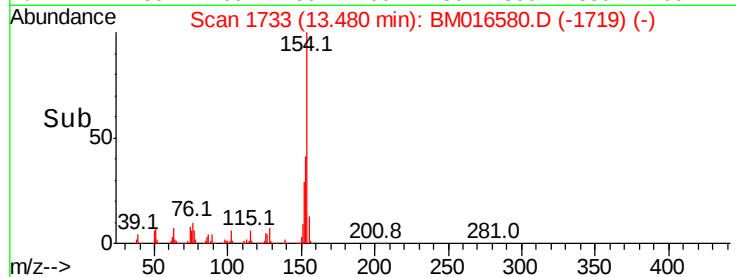
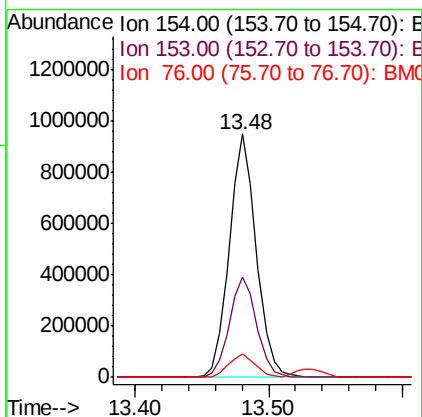
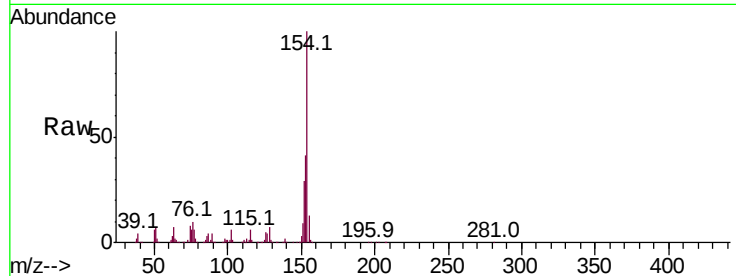




#45  
 1,1'-Biphenyl  
 Concen: 37.904 ng  
 RT: 13.48 min Scan# 1733  
 Delta R.T. -0.02 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

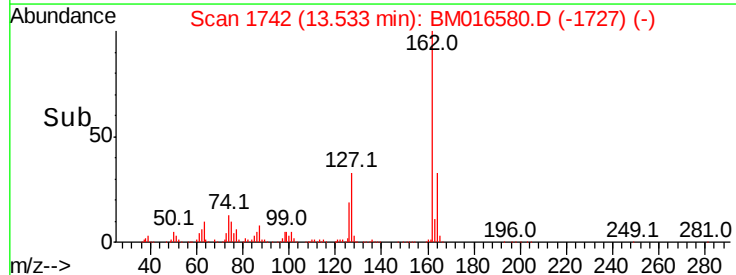
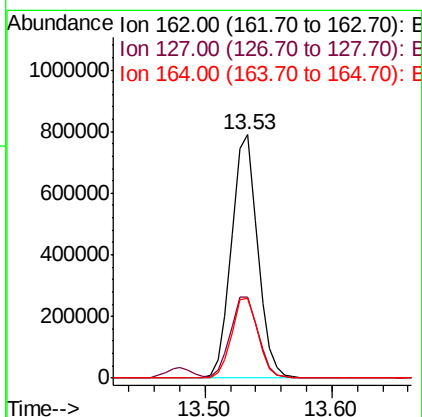
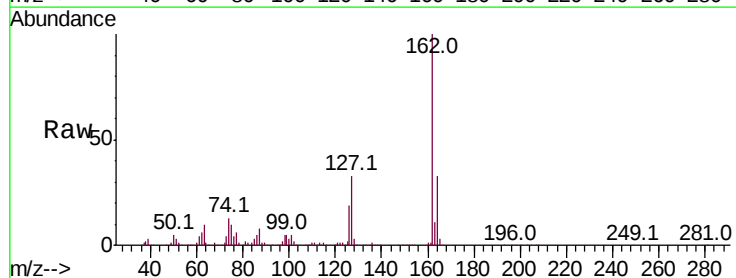
Instrument :  
 BNA\_M  
 ClientSampleId :

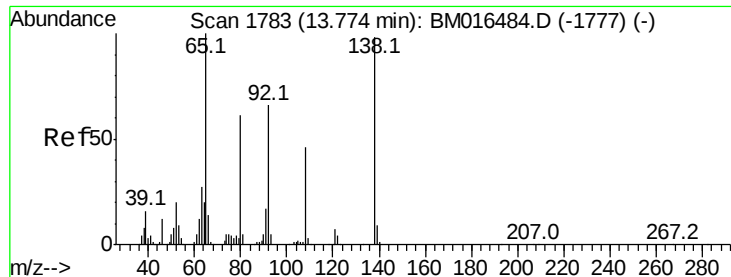
Tot Ion:154 Resp: 1339616  
 Ion Ratio Lower Upper  
 154 100  
 153 41.0 20.7 60.7  
 76 9.6 0.0 30.9



#46  
 2-Chloronaphthalene  
 Concen: 39.268 ng  
 RT: 13.53 min Scan# 1742  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Tgt Ion:162 Resp: 1127498  
 Ion Ratio Lower Upper  
 162 100  
 127 33.4 26.9 40.3  
 164 32.9 26.8 40.2





#47

2-Nitroaniline

Concen: 34.491 ng

RT: 13.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

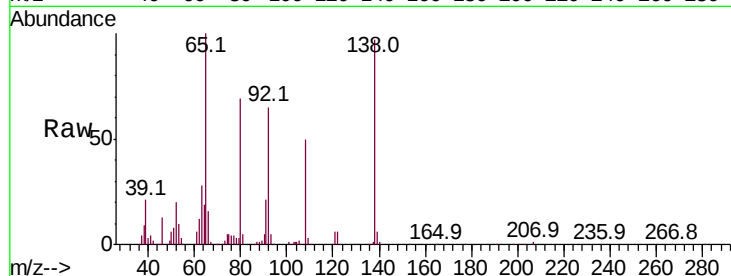
Tot Ion: 65 Resp: 263785

Ion Ratio Lower Upper

65 100

92 65.4 59.1 88.7

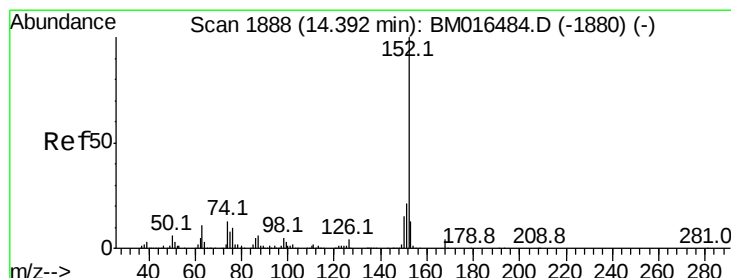
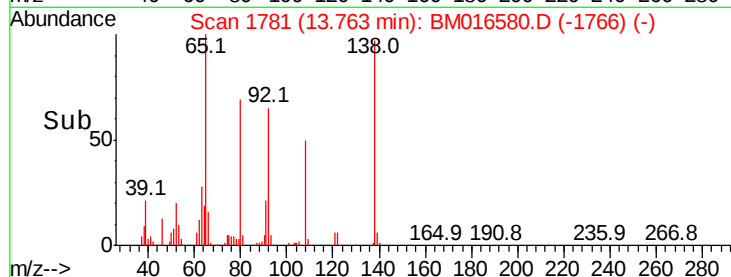
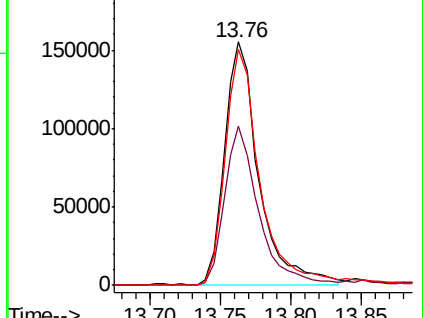
138 96.9 93.9 140.9



Abundance Ion 65.00 (64.70 to 65.70): BM016484.D (-1777) (-)

Ion 92.00 (91.70 to 92.70): BM016484.D (-1777) (-)

Ion 138.00 (137.70 to 138.70): BM016484.D (-1777) (-)



#48

Acenaphthylene

Concen: 41.057 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

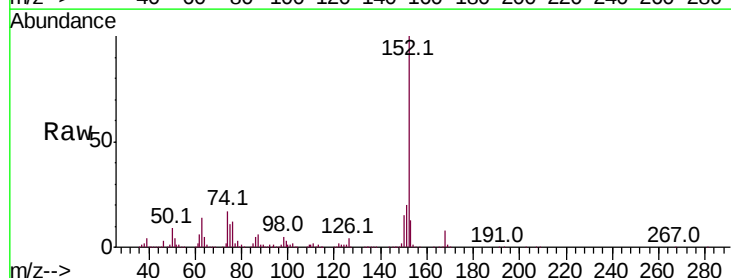
Tgt Ion: 152 Resp: 1664055

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

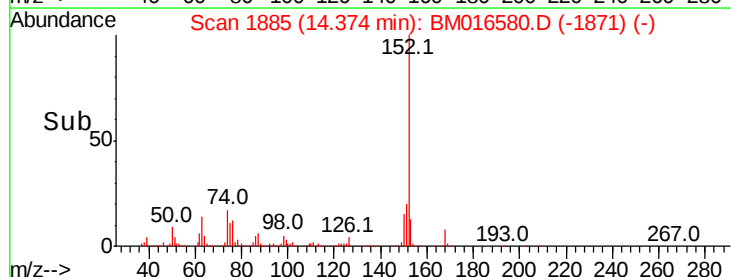
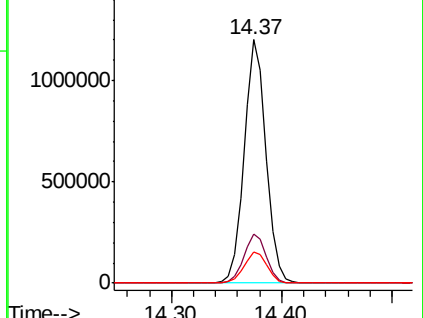
153 13.0 10.6 16.0

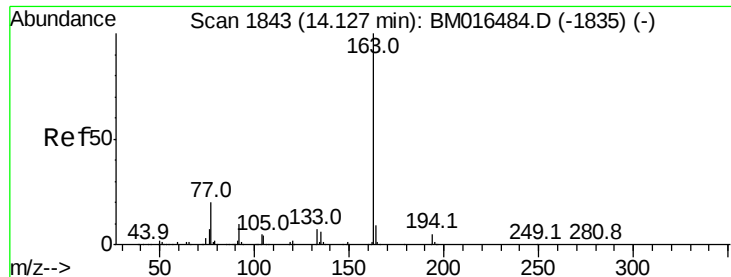


Abundance Ion 152.00 (151.70 to 152.70): BM016484.D (-1880) (-)

Ion 151.00 (150.70 to 151.70): BM016484.D (-1880) (-)

Ion 153.00 (152.70 to 153.70): BM016484.D (-1880) (-)

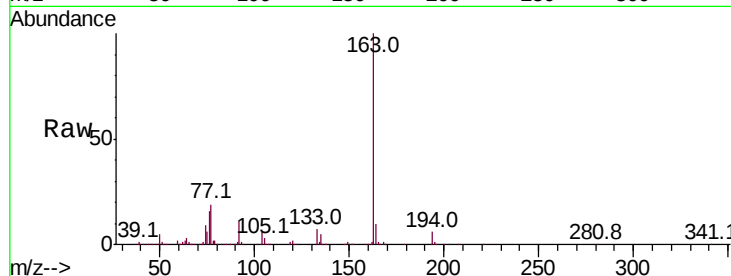




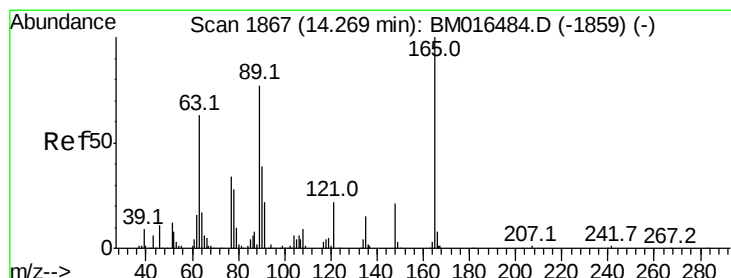
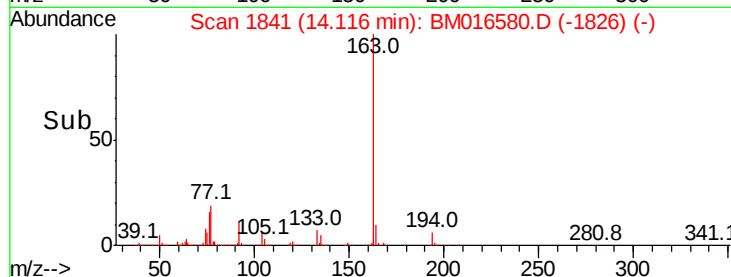
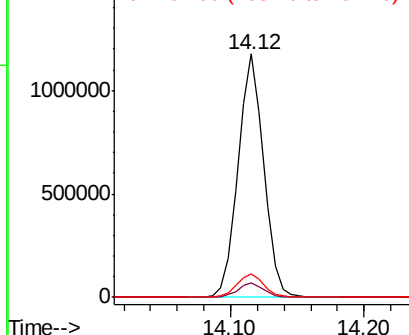
#49  
Dimethylphthalate  
Concen: 40.353 ng  
RT: 14.12 min Scan# 1841  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:163 Resp: 1562600  
Ion Ratio Lower Upper  
163 100  
194 5.9 2.7 4.1#  
164 9.8 8.2 12.2

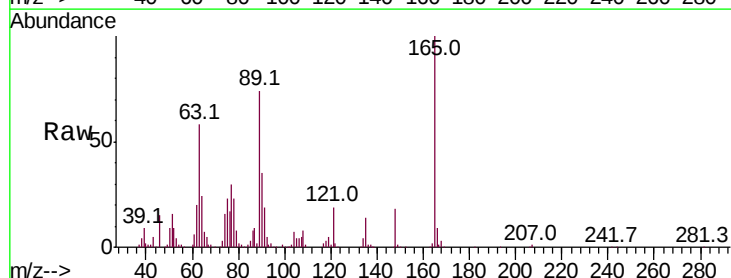


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

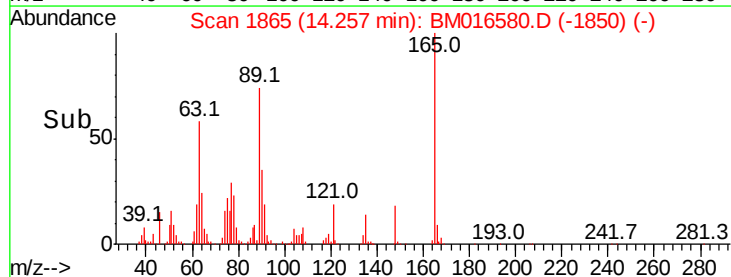
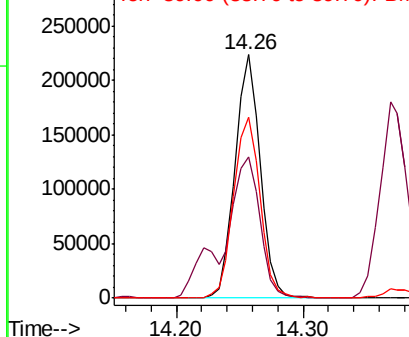


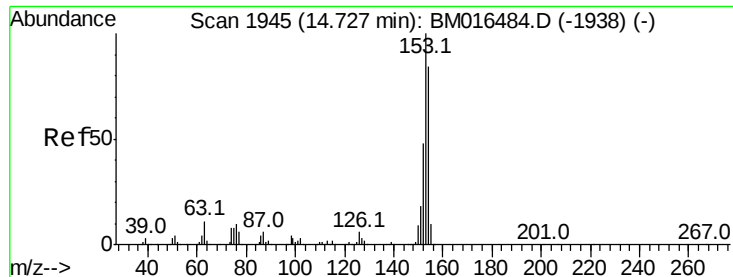
#50  
2,6-Dinitrotoluene  
Concen: 40.545 ng  
RT: 14.26 min Scan# 1865  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Tgt Ion:165 Resp: 306230  
Ion Ratio Lower Upper  
165 100  
63 58.1 44.1 66.1  
89 74.2 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 38.958 ng

RT: 14.72 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampled :

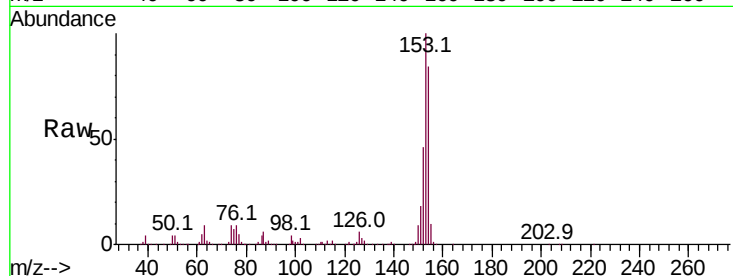
Tot Ion:154 Resp: 970047

Ion Ratio Lower Upper

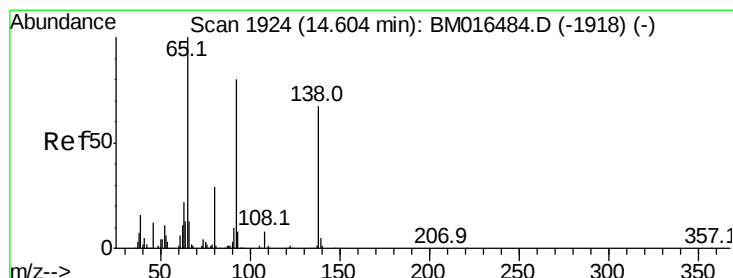
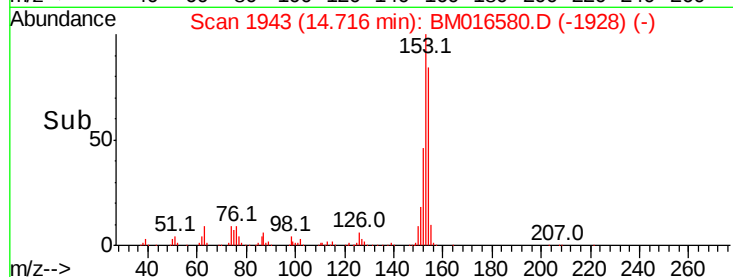
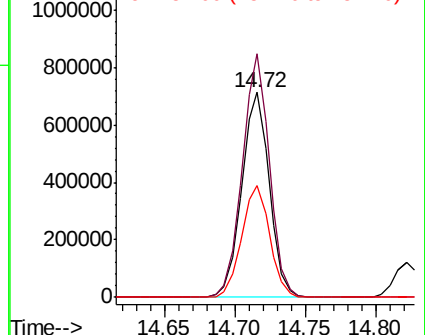
154 100

153 118.8 90.0 135.0

152 54.5 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: 21.540 ng

RT: 14.60 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

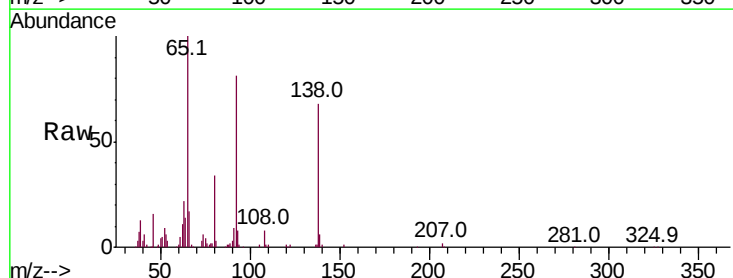
Tgt Ion:138 Resp: 148029

Ion Ratio Lower Upper

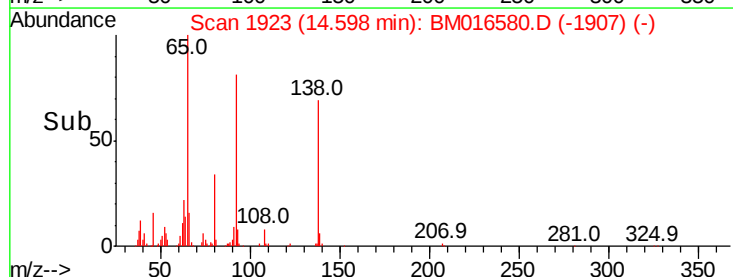
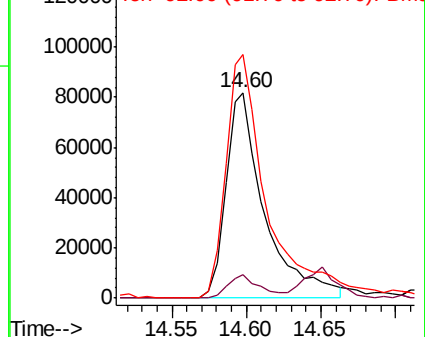
138 100

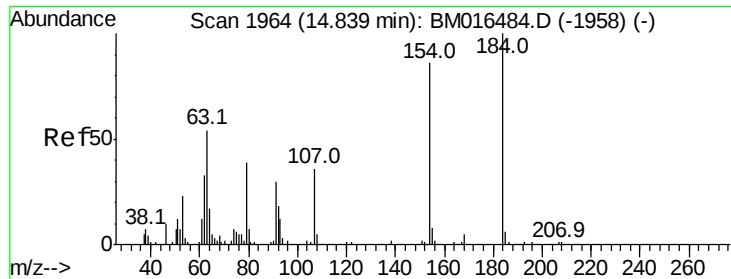
108 11.1 7.3 10.9#

92 118.5 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): BM

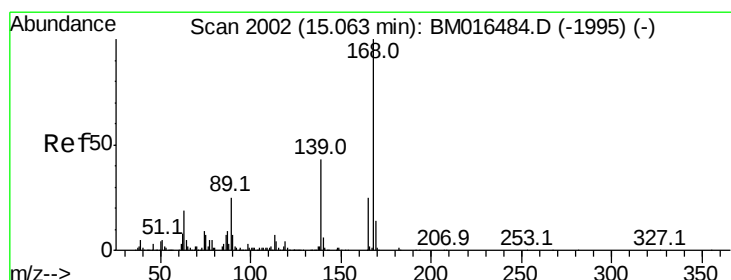
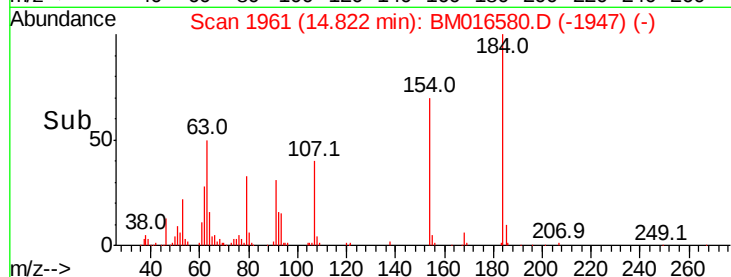
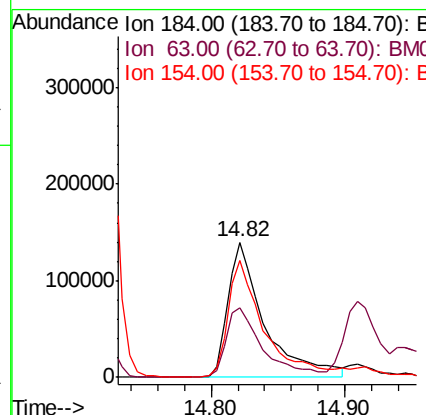
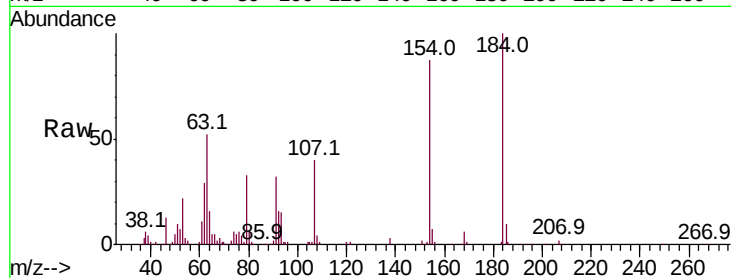




#53  
2,4-Dinitrophenol  
Concen: 70.985 ng  
RT: 14.82 min Scan# 1961  
Delta R.T. -0.02 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

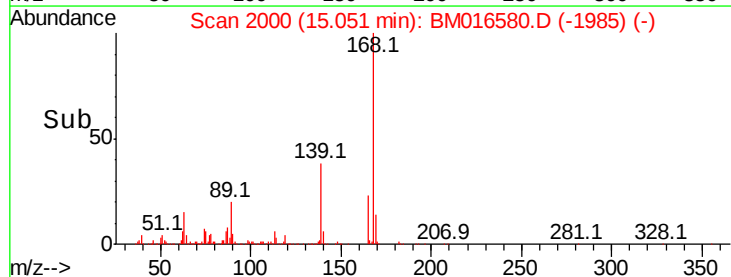
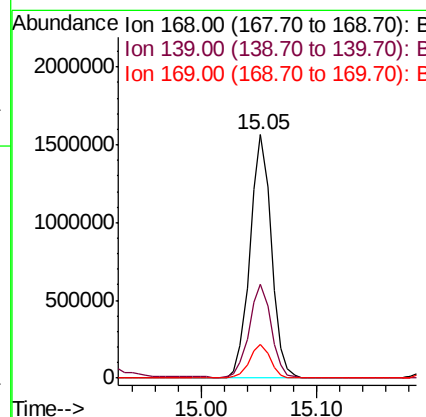
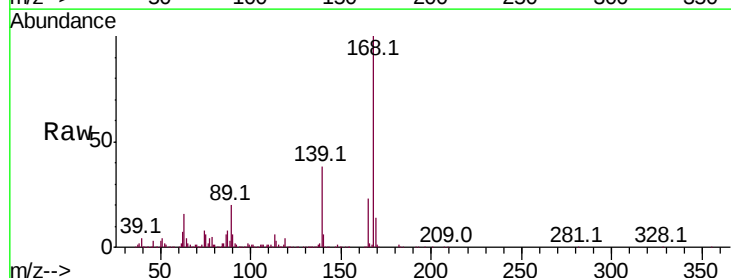
Instrument :  
BNA\_M  
ClientSampleId :

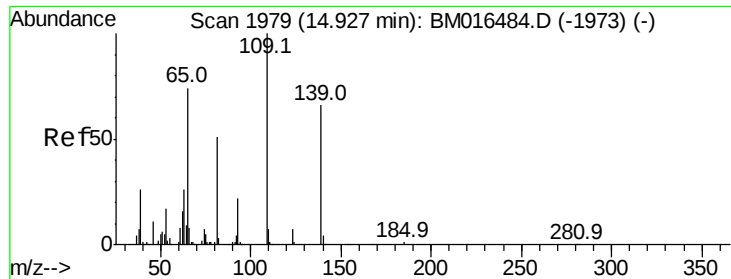
Tot Ion:184 Resp: 268304  
Ion Ratio Lower Upper  
184 100  
63 51.9 69.2 103.8#  
154 86.8 53.3 79.9#



#54  
Dibenzofuran  
Concen: 42.044 ng  
RT: 15.05 min Scan# 2000  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Tgt Ion:168 Resp: 2004077  
Ion Ratio Lower Upper  
168 100  
139 38.4 27.3 40.9  
169 13.9 10.6 16.0





#55

4-Nitrophenol

Concen: 64.663 ng

RT: 14.91 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

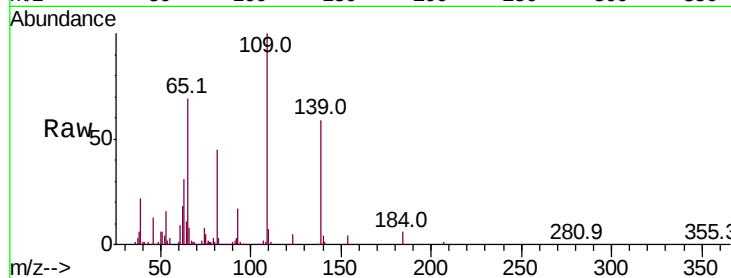
Tot Ion:139 Resp: 283435

Ion Ratio Lower Upper

139 100

109 170.6 130.0 170.0#

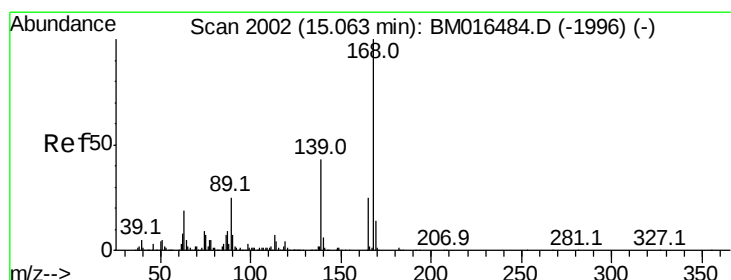
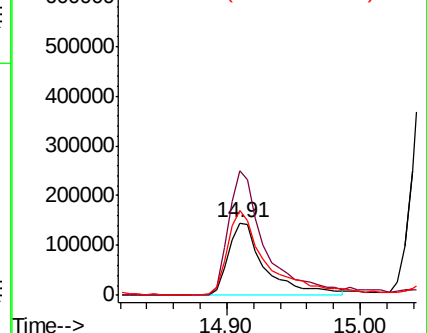
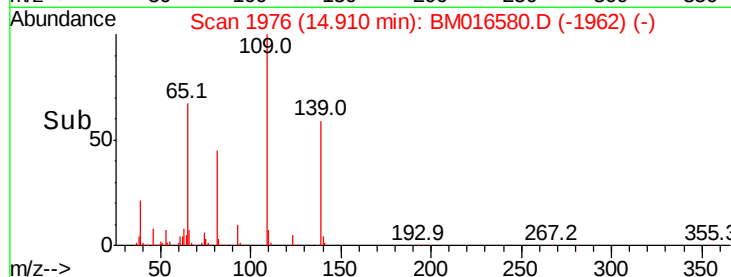
65 117.3 130.0 170.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 38.675 ng

RT: 15.05 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Tgt Ion:165 Resp: 487094

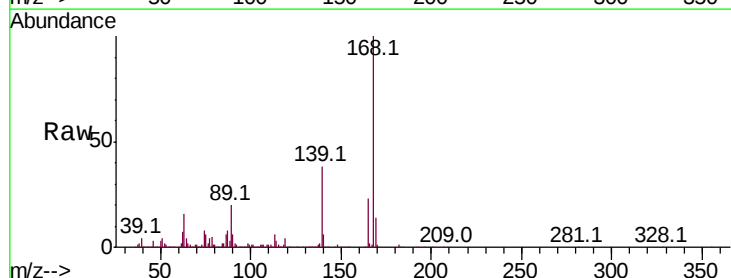
Ion Ratio Lower Upper

165 100

63 70.6 52.4 78.6

89 88.0 72.4 108.6

182 3.6 2.0 3.0#

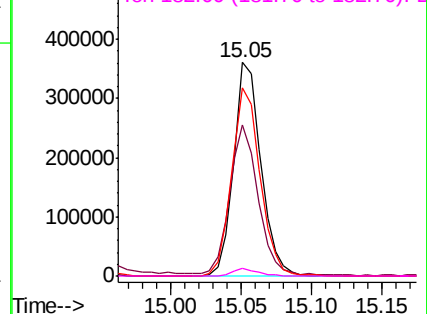
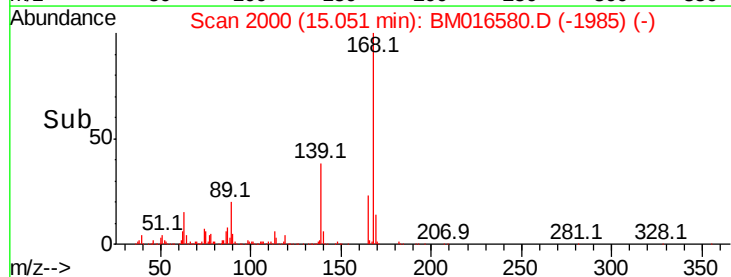


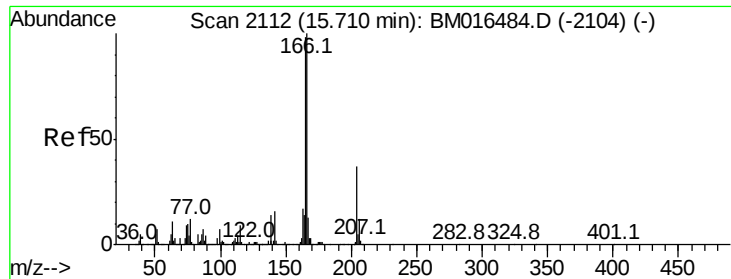
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



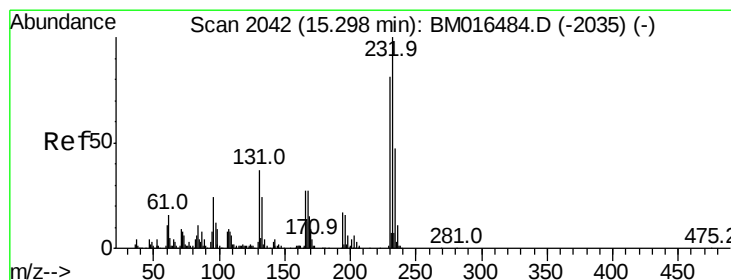
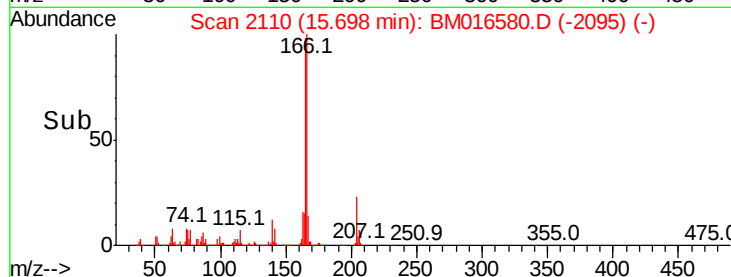
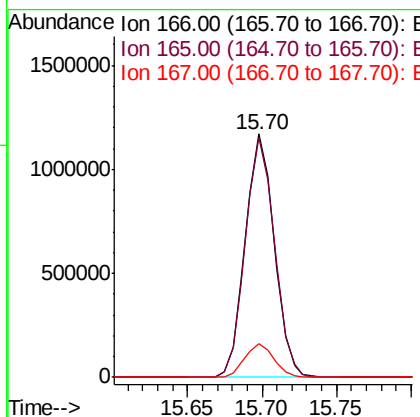
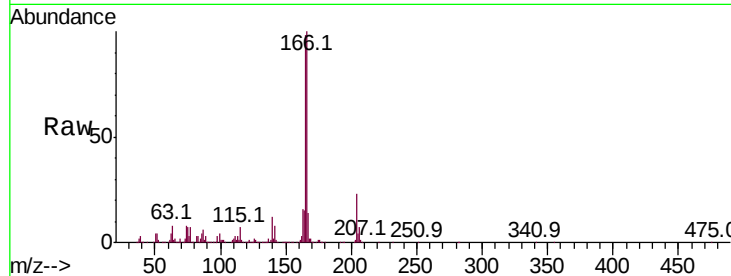


#57  
 Fluorene  
 Concen: 43.949 ng  
 RT: 15.70 min Scan# 2110  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:166 Resp: 1582547  

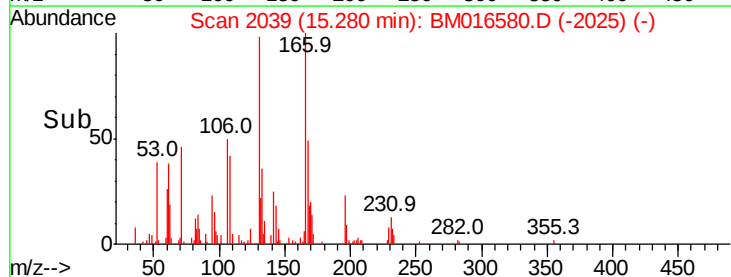
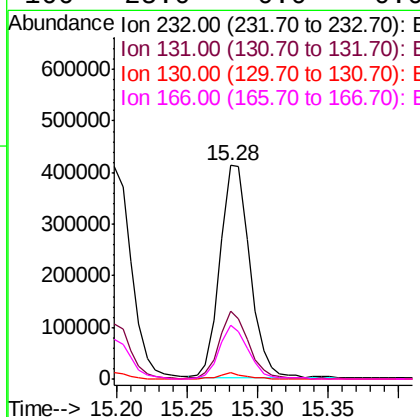
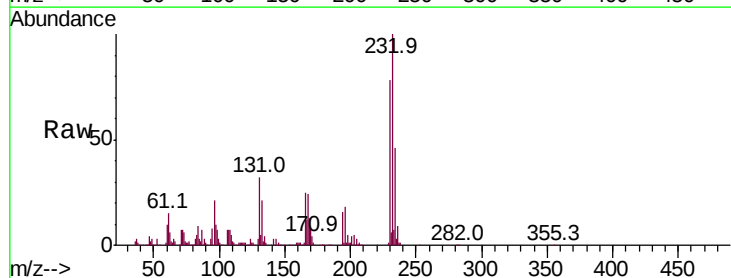
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.4  | 79.0  | 118.4 |
| 167 | 13.8  | 10.3  | 15.5  |

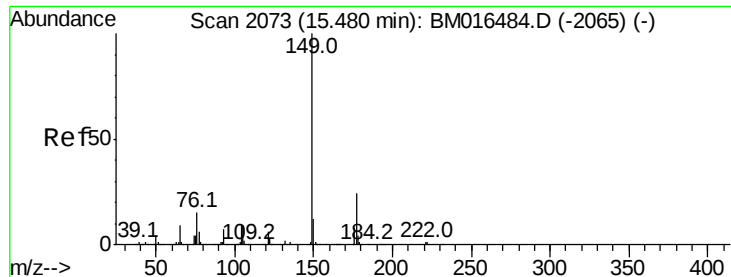


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.484 ng  
 RT: 15.28 min Scan# 2039  
 Delta R.T. -0.02 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Tgt Ion:232 Resp: 606854  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 30.6  | 0.0   | 0.0#  |
| 130 | 2.5   | 0.0   | 0.0#  |
| 166 | 25.0  | 0.0   | 0.0#  |

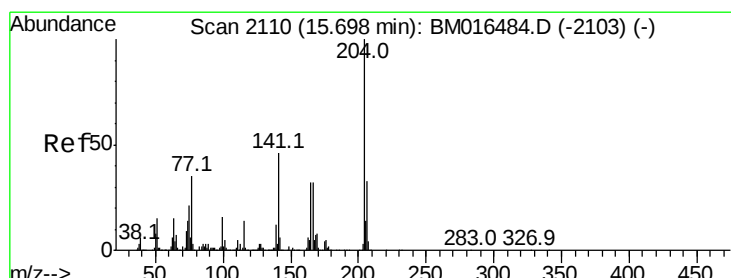
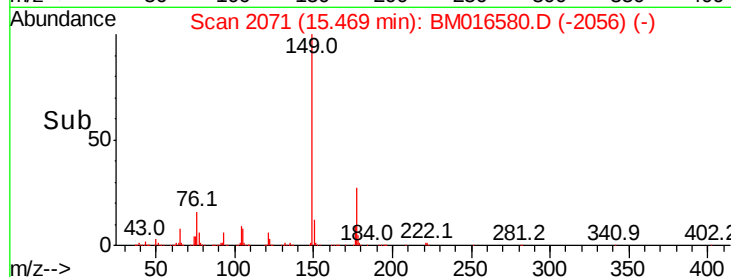
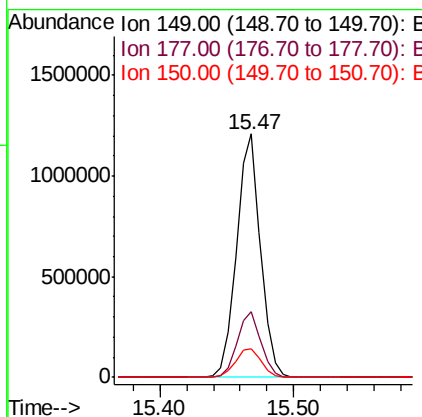
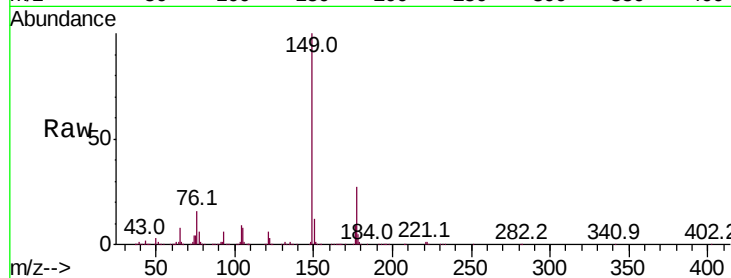




#59  
Diethylphthalate  
Concen: 36.978 ng  
RT: 15.47 min Scan# 2071  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

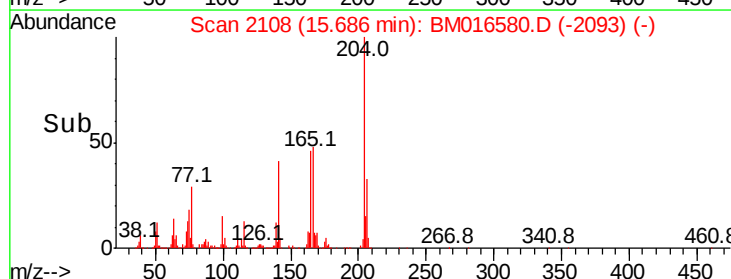
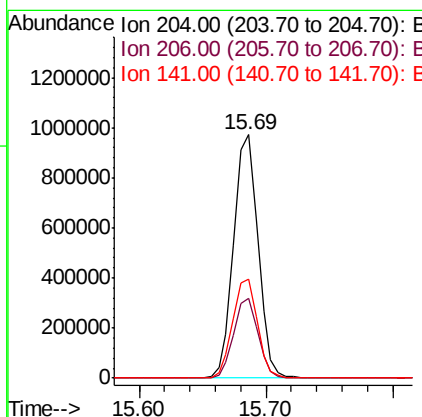
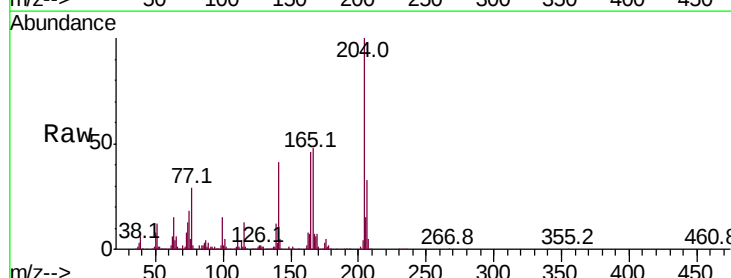
Instrument :  
BNA\_M  
ClientSampleId :

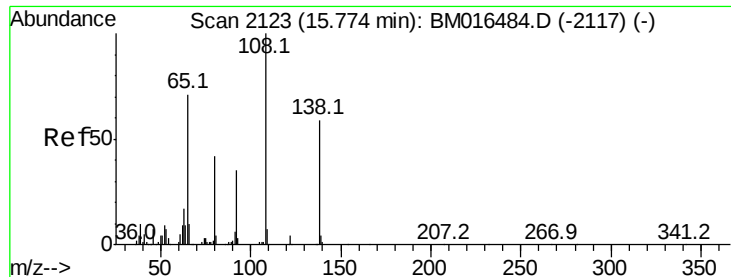
Tot Ion:149 Resp: 1493007  
Ion Ratio Lower Upper  
149 100  
177 27.1 18.3 27.5  
150 11.9 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 42.695 ng  
RT: 15.69 min Scan# 2108  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Tgt Ion:204 Resp: 1289272  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.6 39.8  
141 40.7 45.2 67.8#

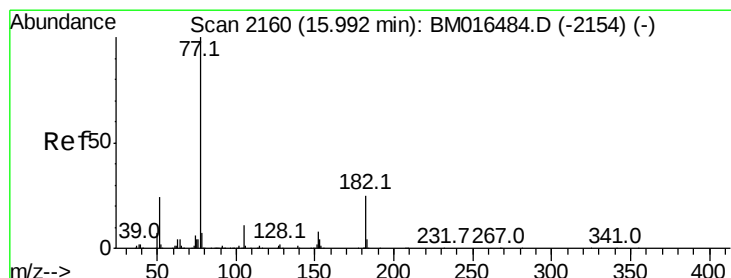
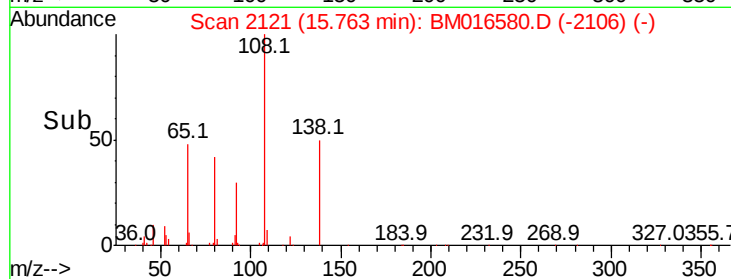
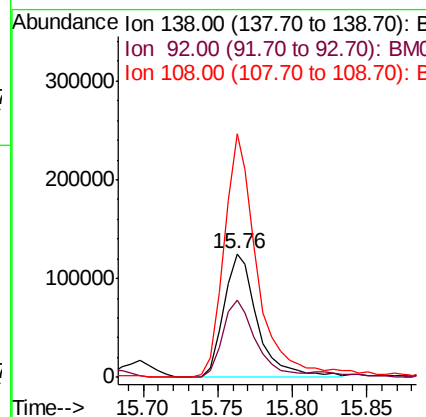
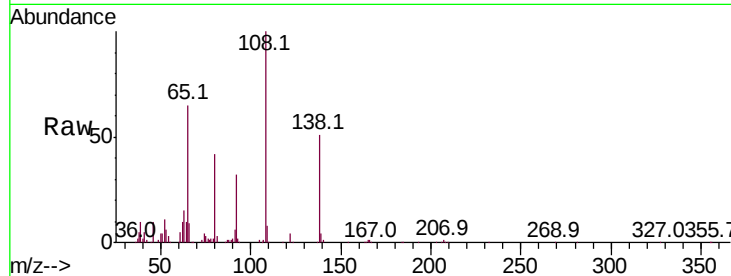




#61  
4-Nitroaniline  
Concen: 29.579 ng  
RT: 15.76 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

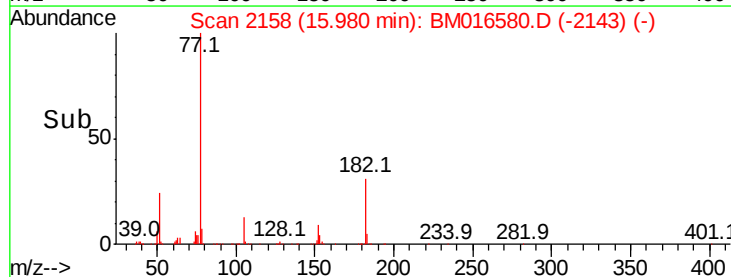
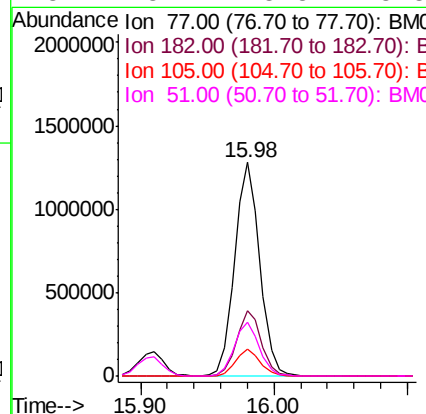
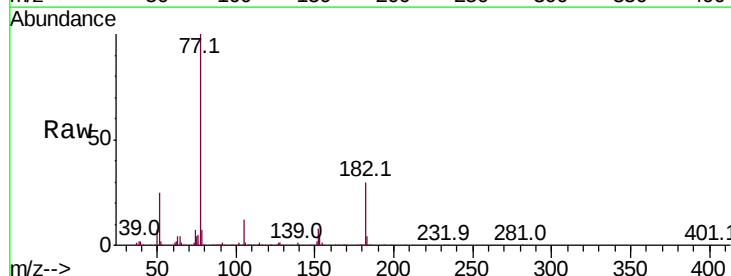
Instrument :  
BNA\_M  
ClientSampleId :

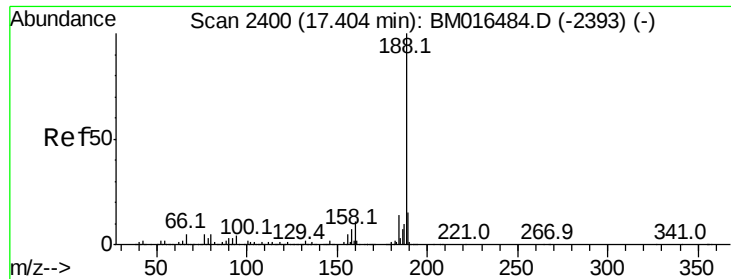
Tot Ion:138 Resp: 198666  
Ion Ratio Lower Upper  
138 100  
92 63.0 16.7 56.7#  
108 197.4 37.6 77.6#



#62  
Azobenzene  
Concen: 38.759 ng  
RT: 15.98 min Scan# 2158  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Tgt Ion: 77 Resp: 1666830  
Ion Ratio Lower Upper  
77 100  
182 30.4 6.5 46.5  
105 12.4 3.8 43.8  
51 25.1 5.5 45.5

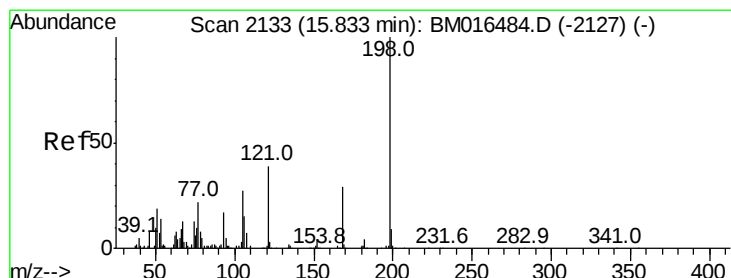
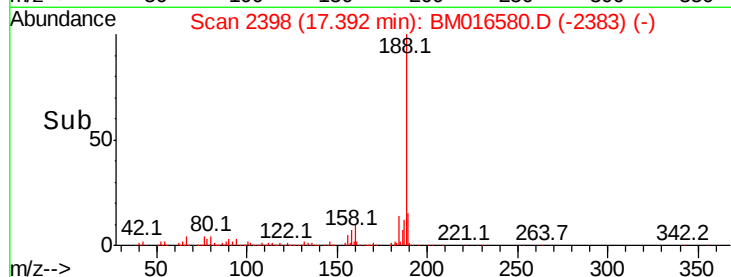
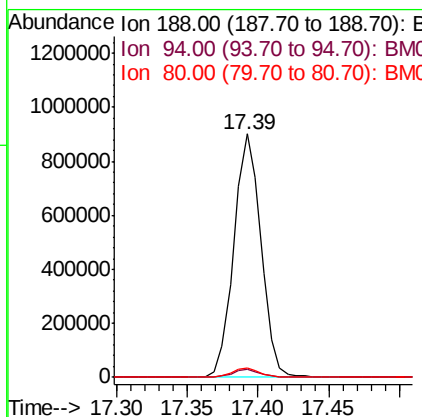
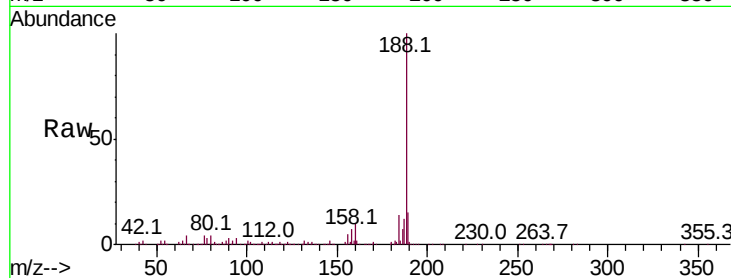




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.39 min Scan# 2398  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

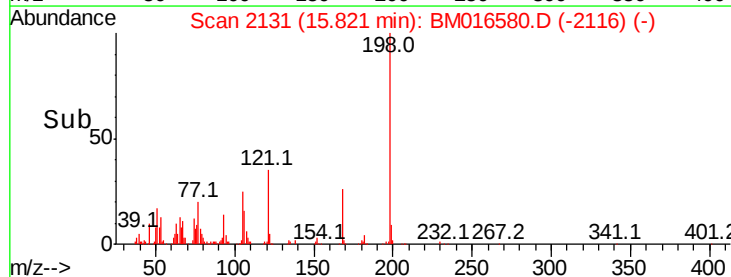
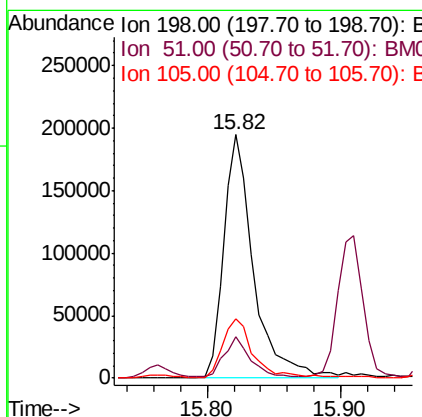
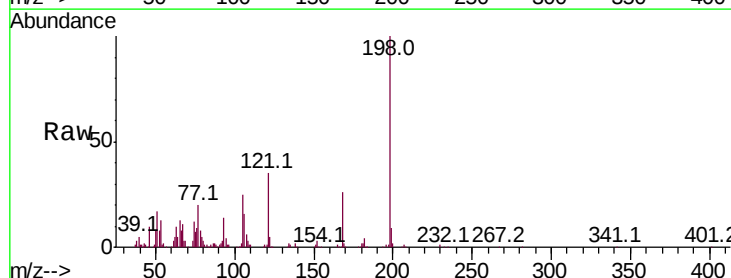
Instrument :  
BNA\_M  
ClientSampleId :

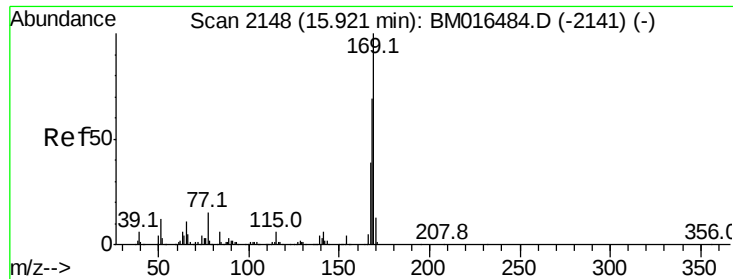
Tot Ion:188 Resp: 1206514  
Ion Ratio Lower Upper  
188 100  
94 3.1 8.7 13.1#  
80 3.9 9.3 13.9#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 33.233 ng  
RT: 15.82 min Scan# 2131  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Tgt Ion:198 Resp: 304661  
Ion Ratio Lower Upper  
198 100  
51 17.1 28.8 68.8#  
105 24.6 30.5 70.5#



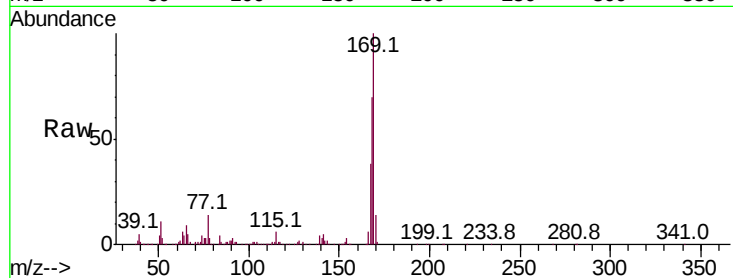


#65  
 n-Nitrosodiphenylamine  
 Concen: 39.798 ng  
 RT: 15.91 min Scan# 2146  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

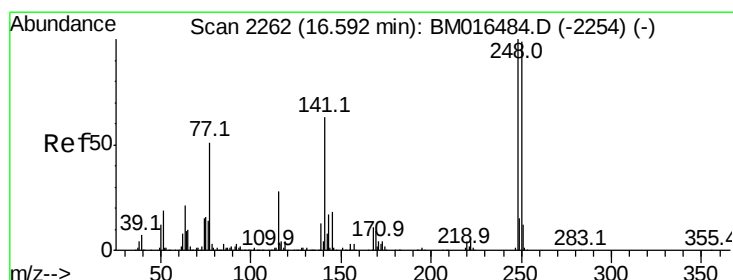
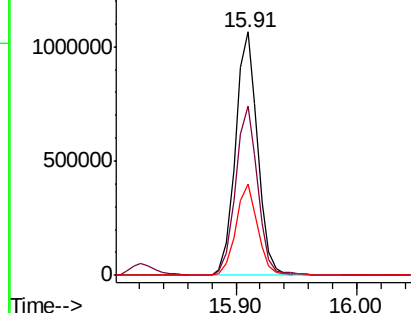
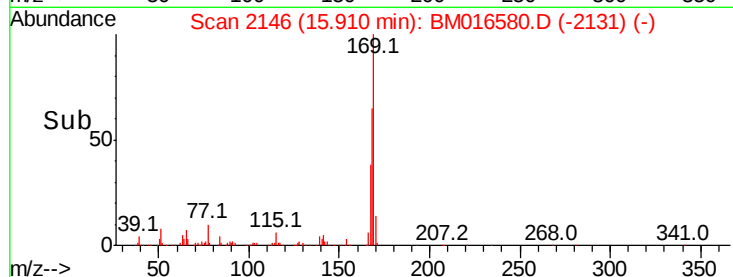
Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:169 Resp: 1350803  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 69.5  | 53.9  | 80.9  |
| 167 | 37.7  | 28.9  | 43.3  |



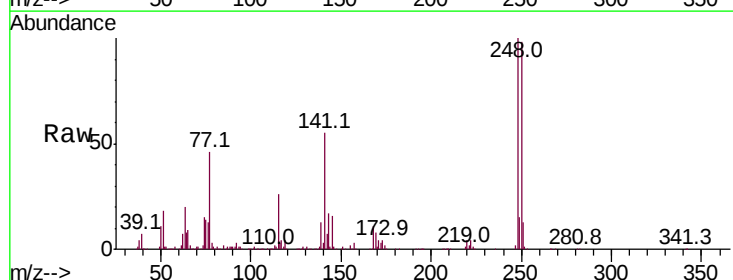
Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E



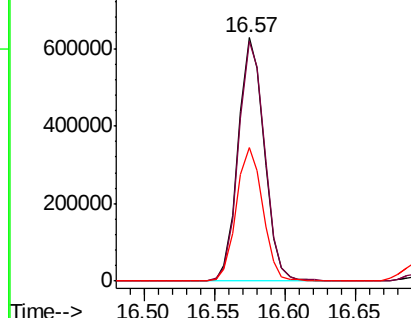
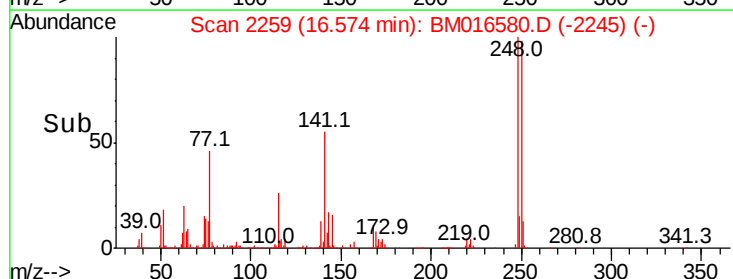
#66  
 4-Bromophenyl-phenylether  
 Concen: 43.727 ng  
 RT: 16.57 min Scan# 2259  
 Delta R.T. -0.02 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

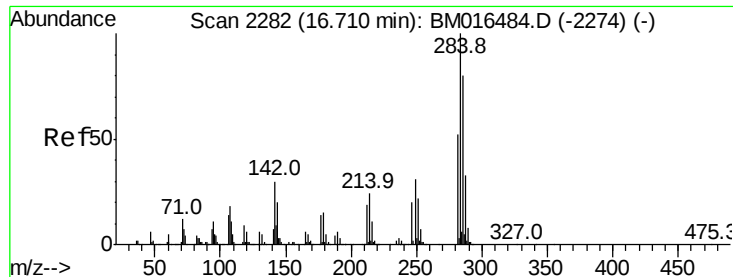
Tgt Ion:248 Resp: 810640  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 98.3  | 77.4  | 116.0 |
| 141 | 54.8  | 45.2  | 67.8  |



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

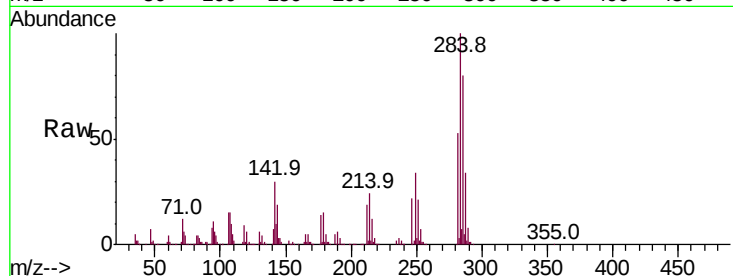




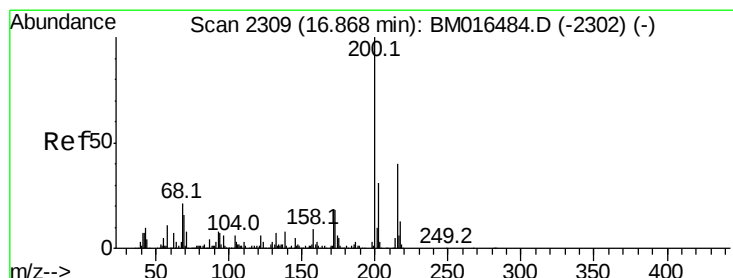
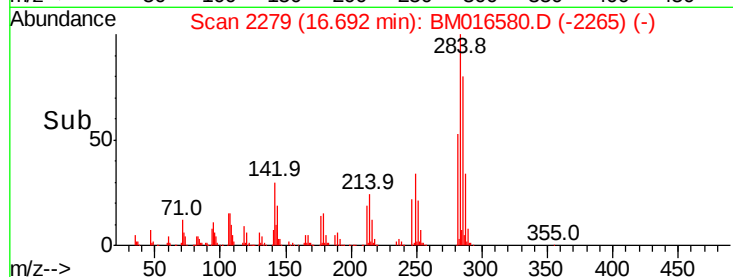
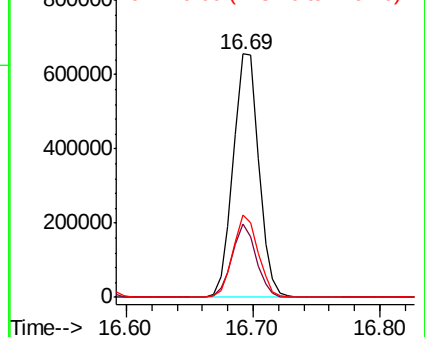
#67  
Hexachlorobenzene  
Concen: 42.287 ng  
RT: 16.69 min Scan# 2279  
Delta R.T. -0.02 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.2  | 20.4  | 30.6  |
| 249     | 34.0  | 23.8  | 35.6  |

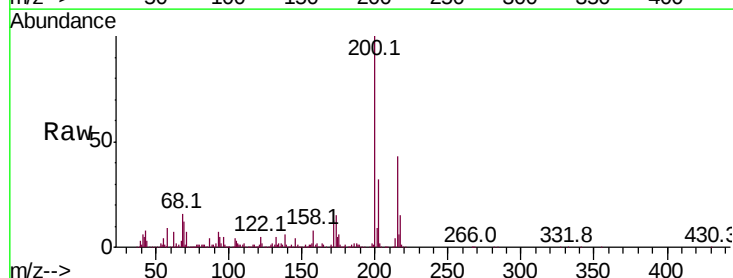


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

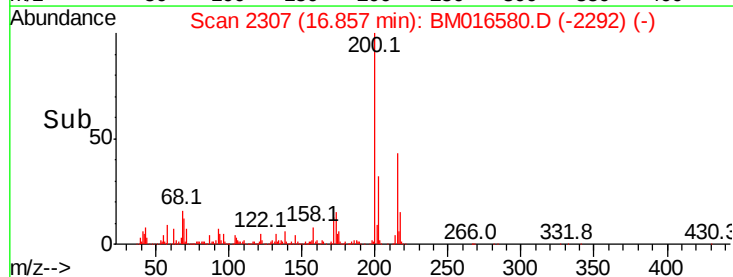
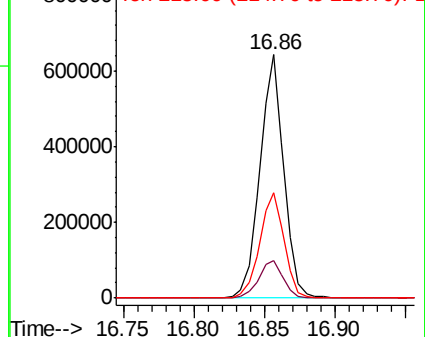


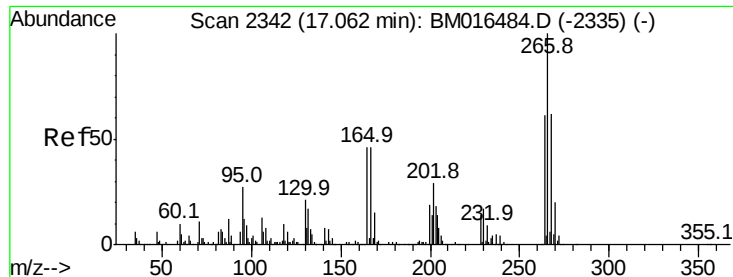
#68  
Atrazine  
Concen: 49.360 ng  
RT: 16.86 min Scan# 2307  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 15.4  | 4.8   | 44.8  |
| 215     | 43.3  | 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

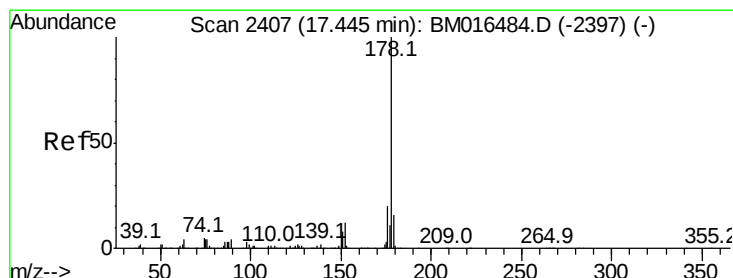
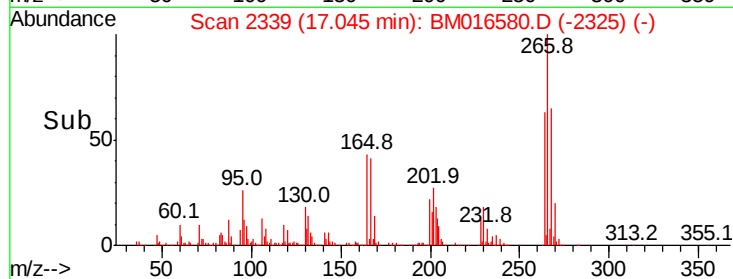
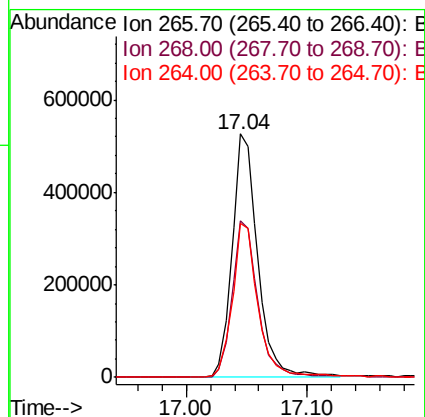
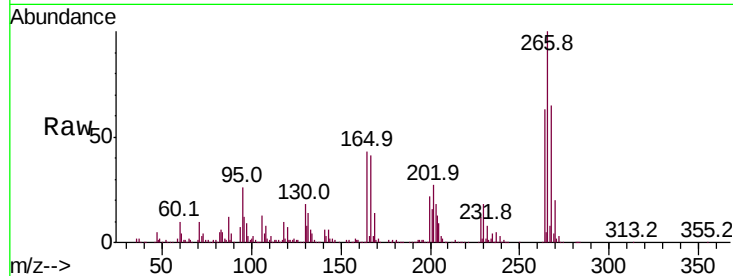




#69  
 Pentachlorophenol  
 Concen: 67.940 ng  
 RT: 17.04 min Scan# 2339  
 Delta R.T. -0.02 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

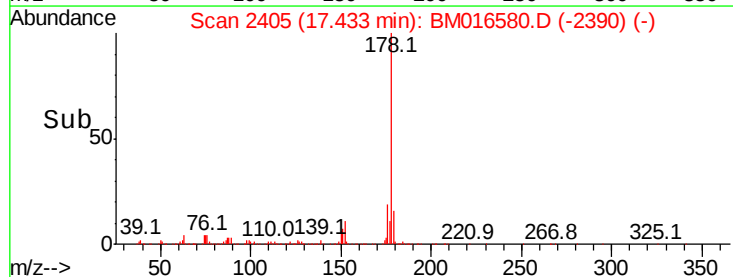
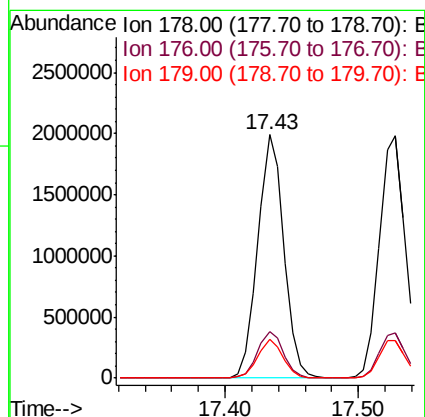
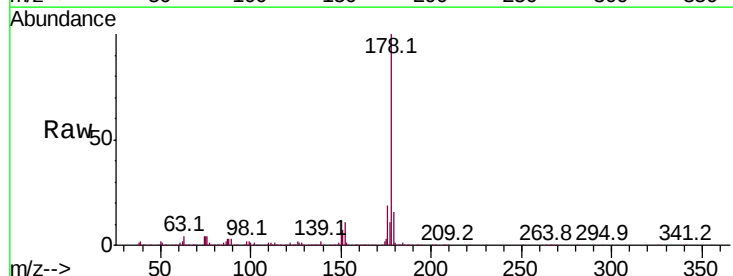
Instrument :  
 BNA\_M  
 ClientSampleId :

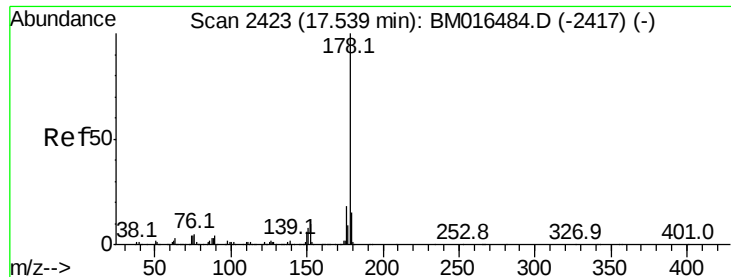
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.5  | 52.0  | 78.0  |
| 264     | 63.3  | 49.0  | 73.4  |



#70  
 Phenanthrene  
 Concen: 42.704 ng  
 RT: 17.43 min Scan# 2405  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.2  | 22.8  |
| 179     | 15.8  | 12.1  | 18.1  |



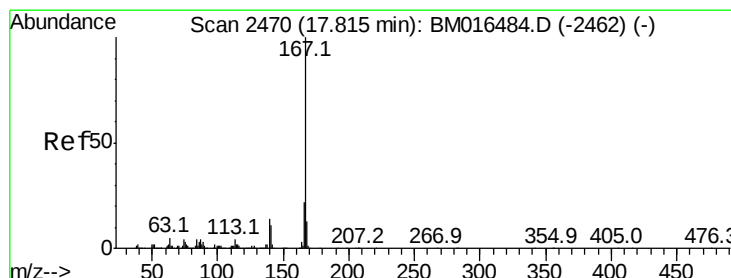
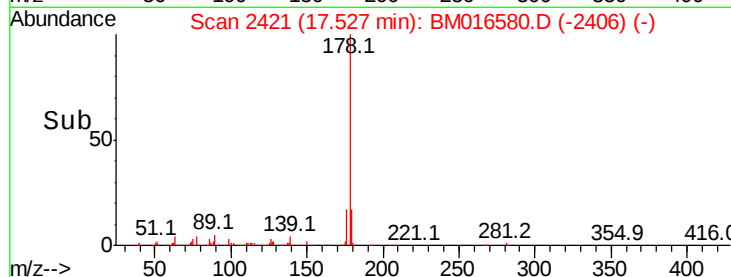
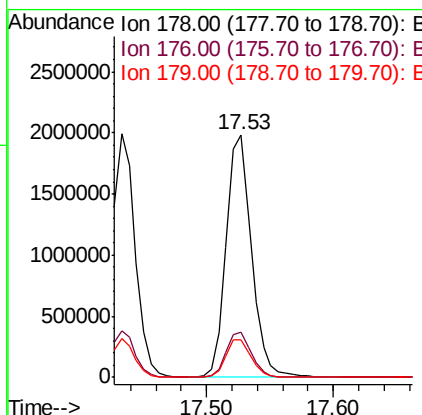
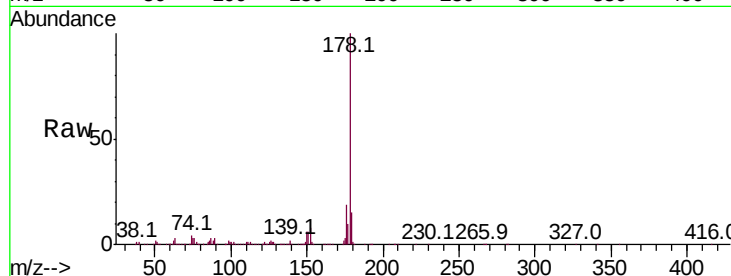


#71  
 Anthracene  
 Concen: 44.199 ng  
 RT: 17.53 min Scan# 2421  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:178 Resp: 2736913  

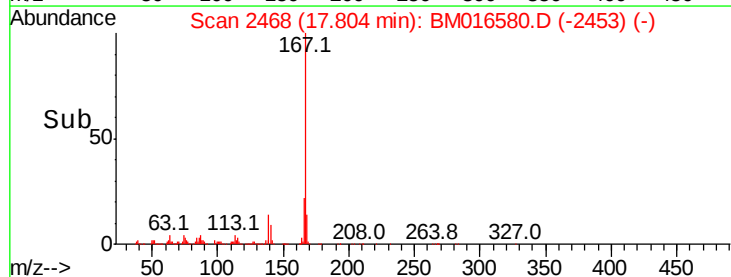
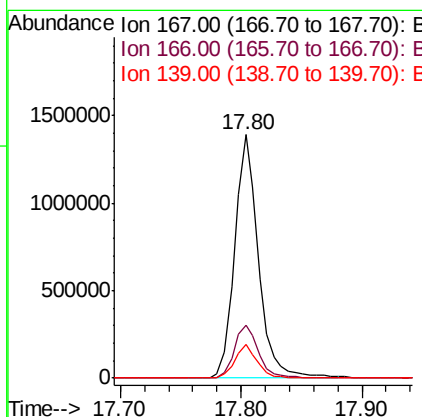
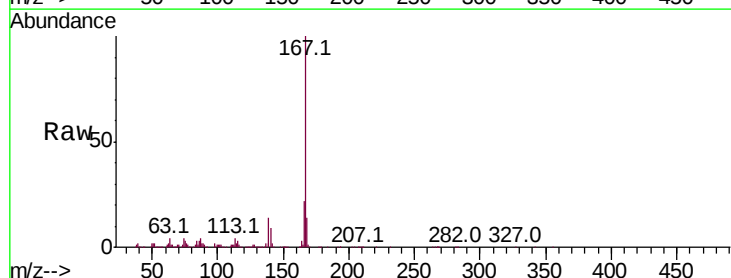
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.7  | 14.6  | 22.0  |
| 179 | 15.3  | 12.6  | 19.0  |

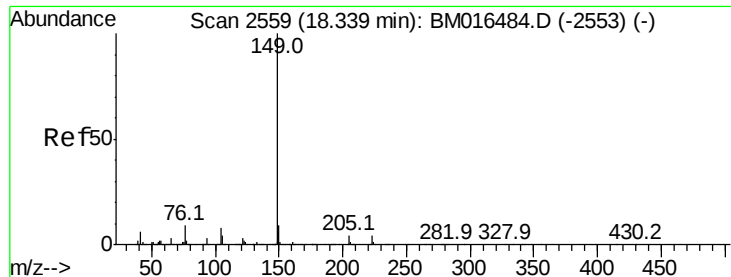


#72  
 Carbazole  
 Concen: 34.256 ng  
 RT: 17.80 min Scan# 2468  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Tgt Ion:167 Resp: 1906282  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.7  | 17.2  | 25.8  |
| 139 | 13.6  | 10.8  | 16.2  |

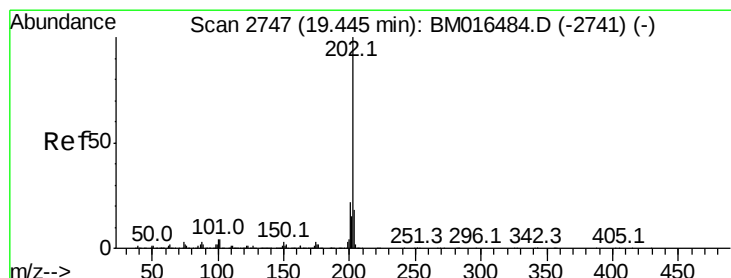
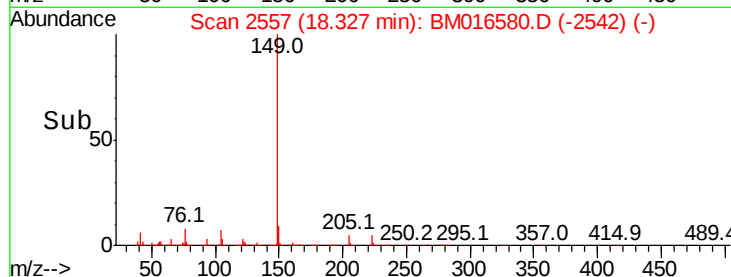
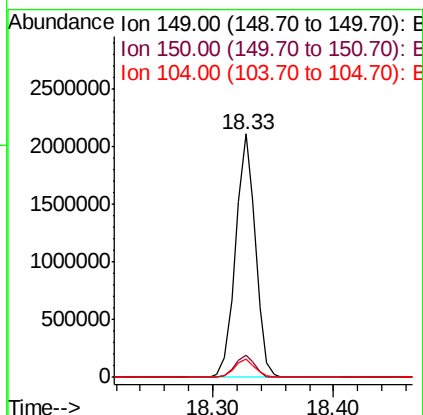
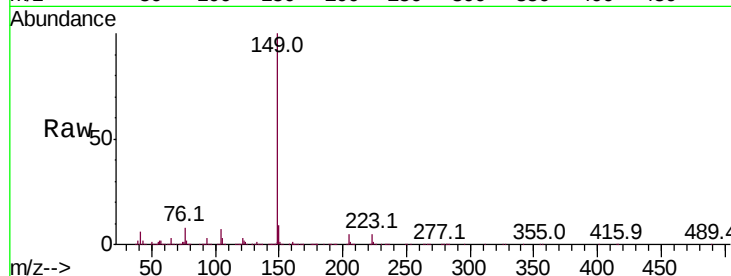




#73  
Di-n-butylphthalate  
Concen: 35.579 ng  
RT: 18.33 min Scan# 2557  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

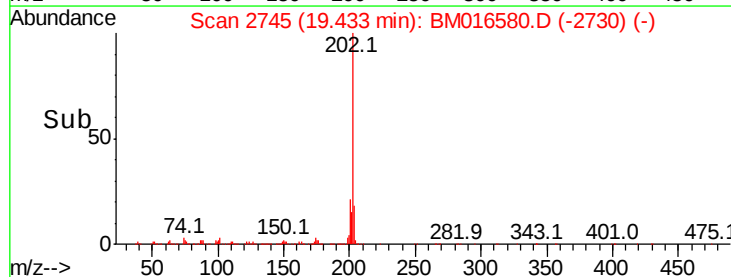
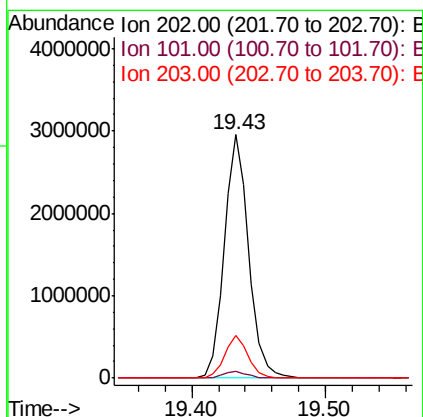
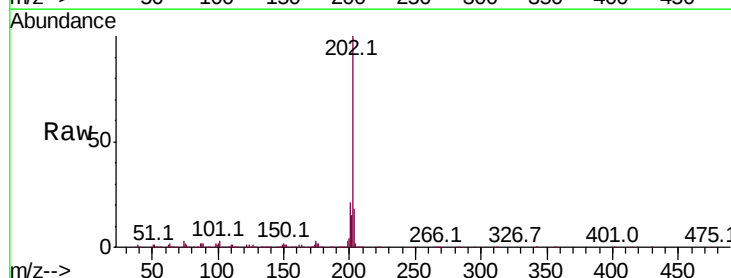
Instrument :  
BNA\_M  
ClientSampleId :

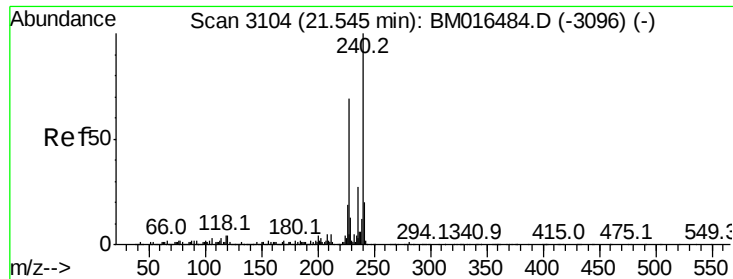
Tot Ion:149 Resp: 2413804  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.5 11.3  
104 7.3 3.7 5.5#



#74  
Fluoranthene  
Concen: 41.289 ng  
RT: 19.43 min Scan# 2745  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Tgt Ion:202 Resp: 3775182  
Ion Ratio Lower Upper  
202 100  
101 3.0 0.0 28.7  
203 17.7 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

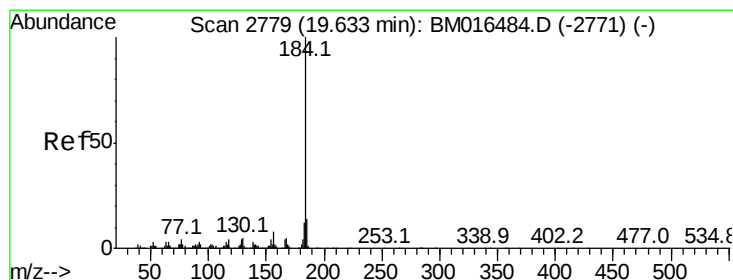
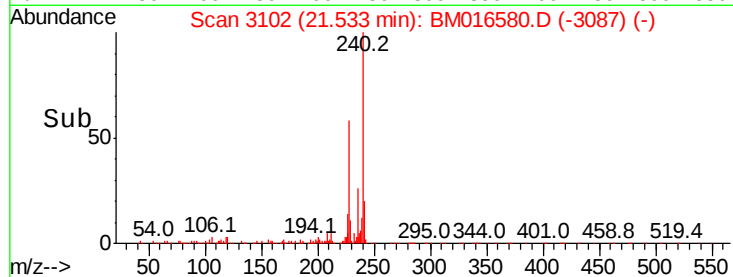
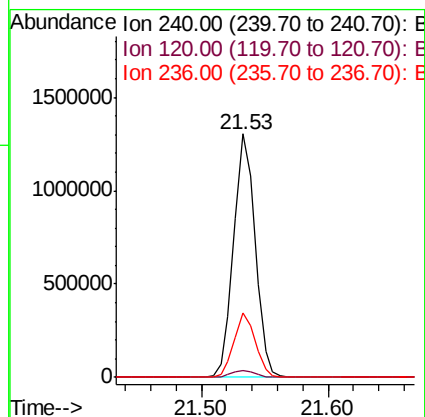
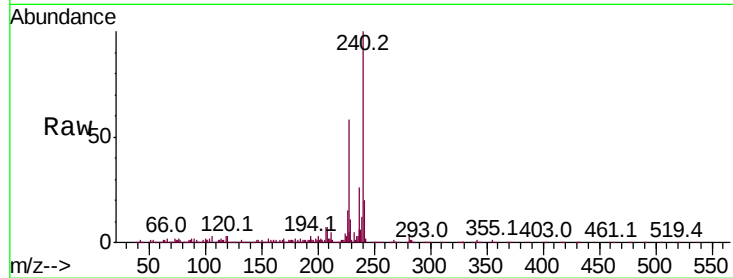
Tot Ion:240 Resp: 1526520

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 2.6   | 8.2   | 12.2# |
| 236 | 26.3  | 20.0  | 30.0  |

240 100

120 2.6 8.2 12.2#

236 26.3 20.0 30.0



#76

Benzidine

Concen: 54.804 ng

RT: 19.63 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

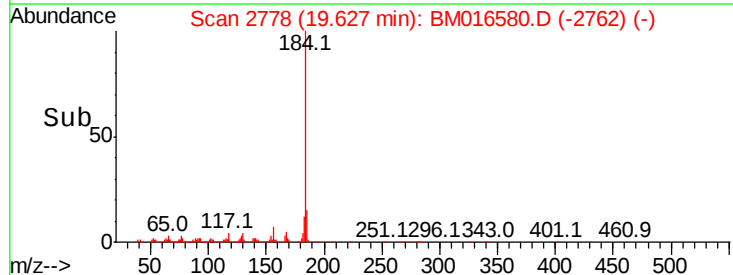
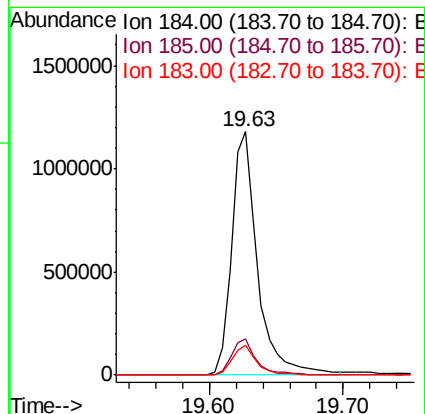
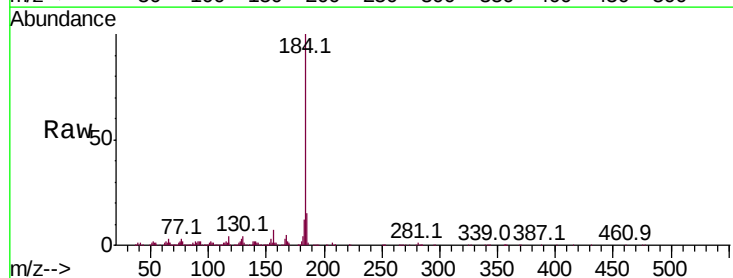
Tgt Ion:184 Resp: 1608861

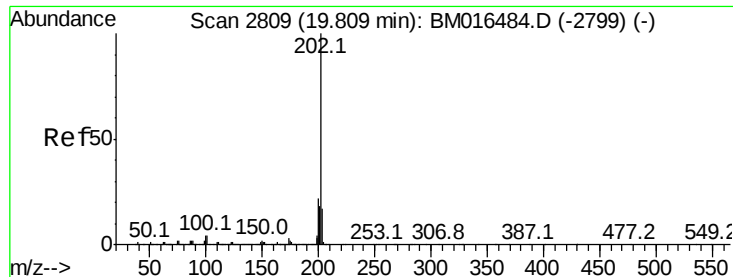
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.8  | 11.3  | 16.9  |
| 183 | 12.3  | 8.9   | 13.3  |

184 100

185 14.8 11.3 16.9

183 12.3 8.9 13.3





#77

Pvrene

Concen: 45.746 ng

RT: 19.79 min Scan# 2806

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

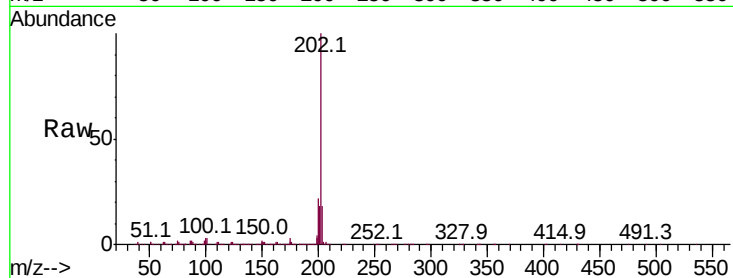
Tot Ion:202 Resp: 3795144

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.6  | 16.9  | 25.3  |
| 203 | 17.7  | 14.1  | 21.1  |

202 100

200 21.6 16.9 25.3

203 17.7 14.1 21.1

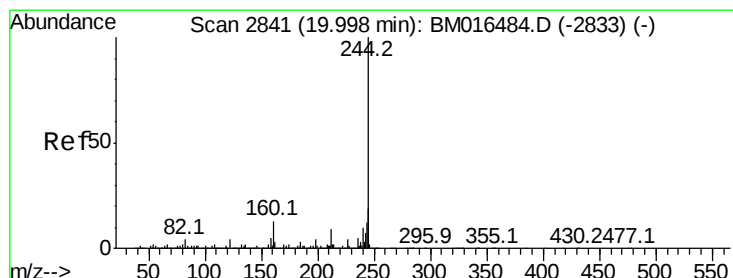
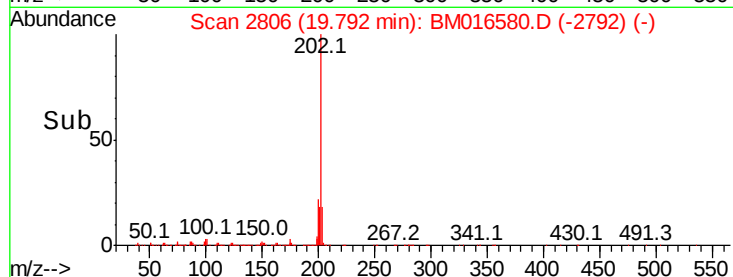
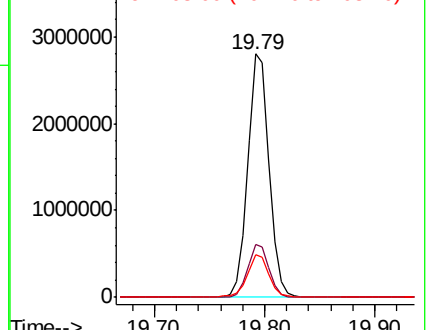


Abundance

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: 83.199 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

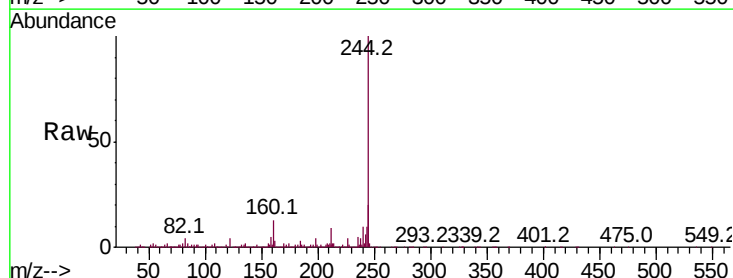
Tgt Ion:244 Resp: 6000542

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.1   | 4.9   | 7.3#  |
| 122 | 3.9   | 6.2   | 9.4#  |

244 100

212 9.1 4.9 7.3#

122 3.9 6.2 9.4#

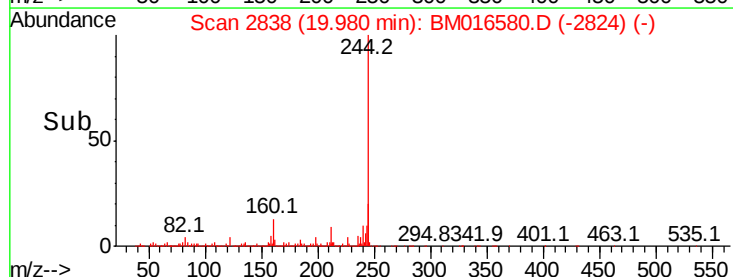
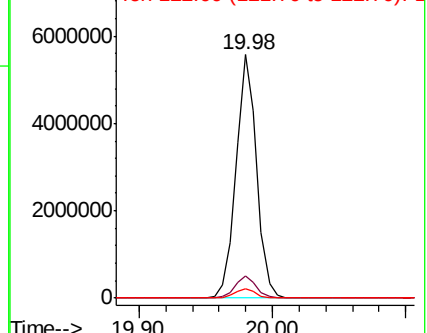


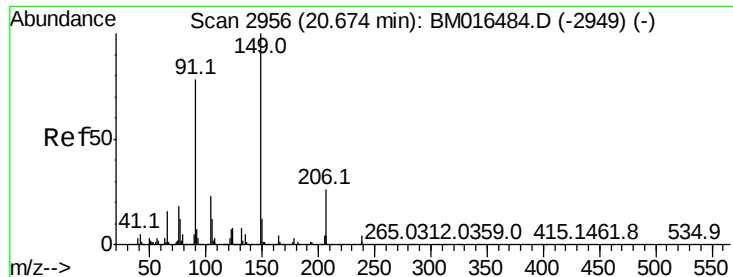
Abundance

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

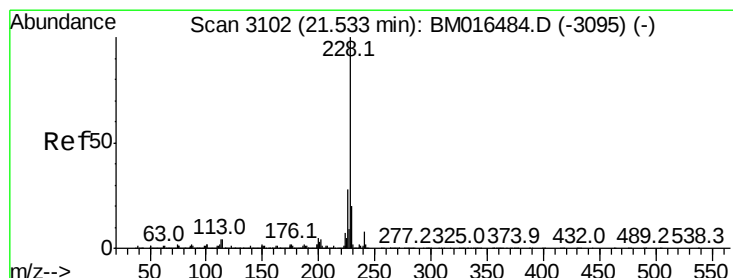
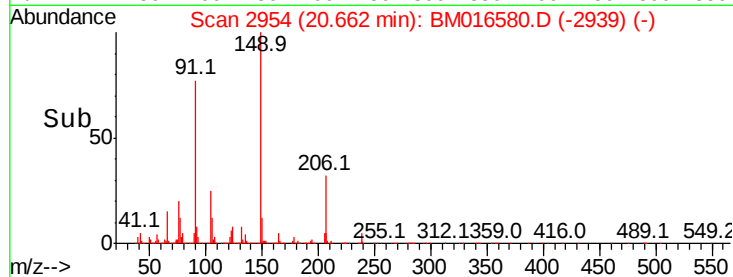
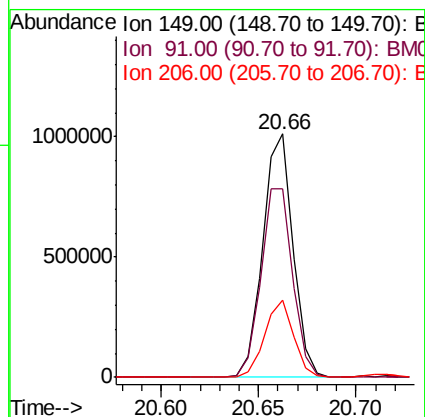
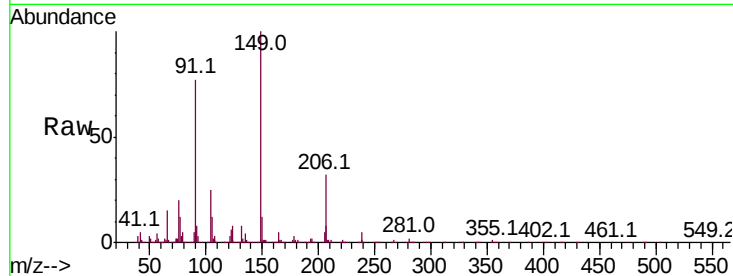




#79  
Butylbenzylphthalate  
Concen: 37.799 ng  
RT: 20.66 min Scan# 2954  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

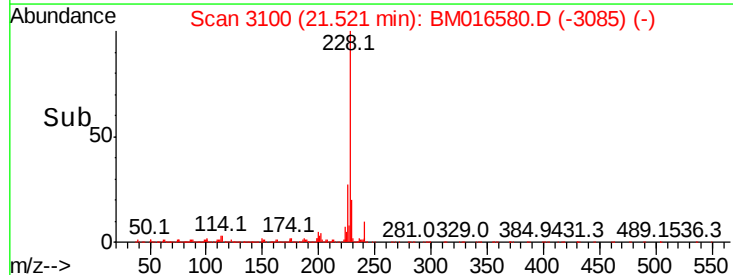
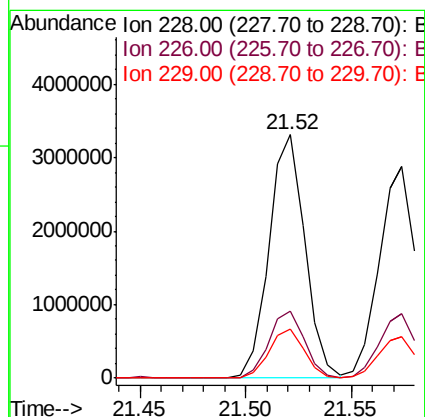
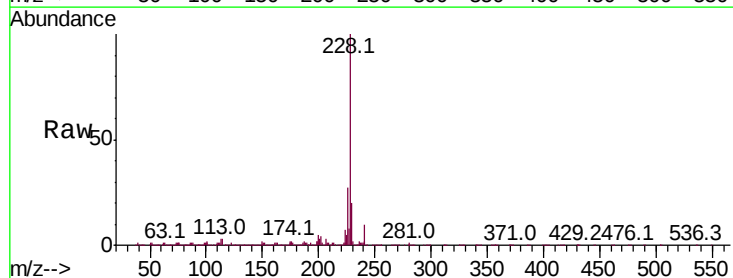
Instrument :  
BNA\_M  
ClientSampled :

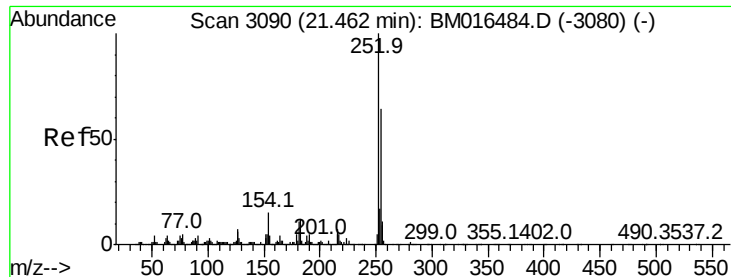
Tot Ion:149 Resp: 1082417  
Ion Ratio Lower Upper  
149 100  
91 77.3 50.1 75.1#  
206 31.8 16.2 24.2#



#80  
Benzo(a)anthracene  
Concen: 43.554 ng  
RT: 21.52 min Scan# 3100  
Delta R.T. -0.01 min  
Lab File: BM016580.D  
Acq: 24 Aug 2018 10:15

Tgt Ion:228 Resp: 3908795  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.7 32.5  
229 20.1 16.0 24.0

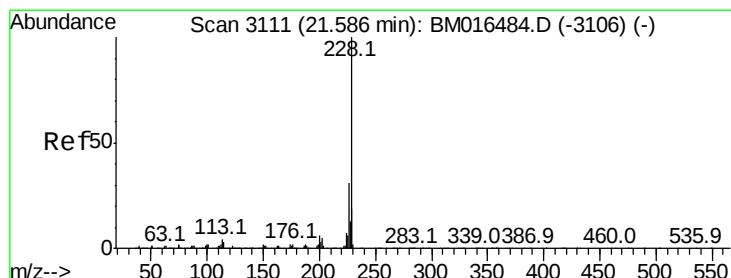
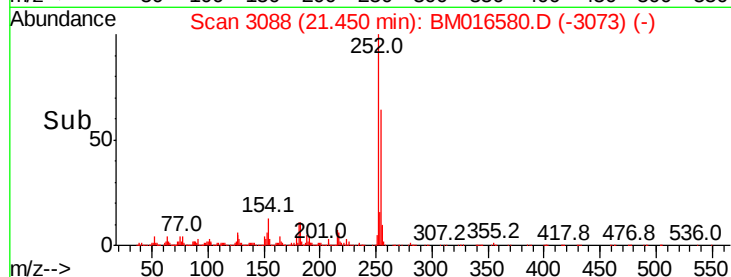
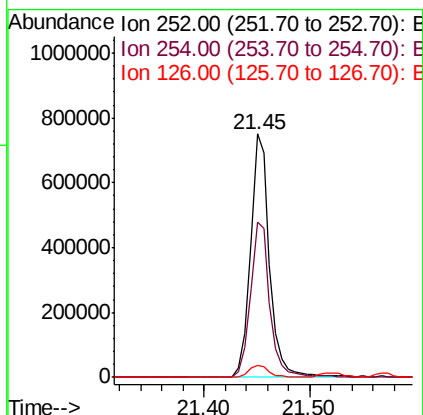
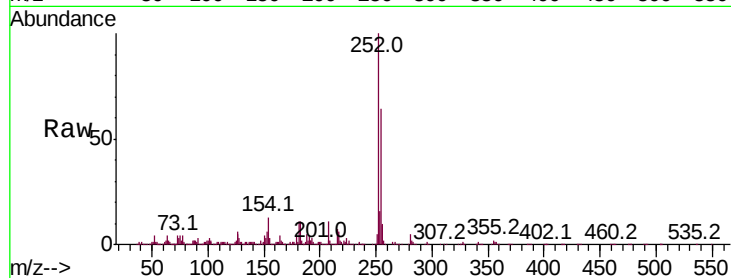




#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.672 ng  
 RT: 21.45 min Scan# 3088  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

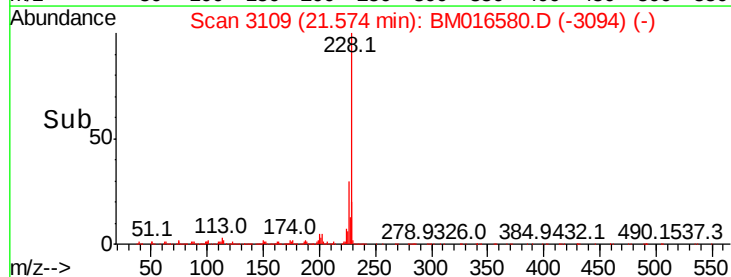
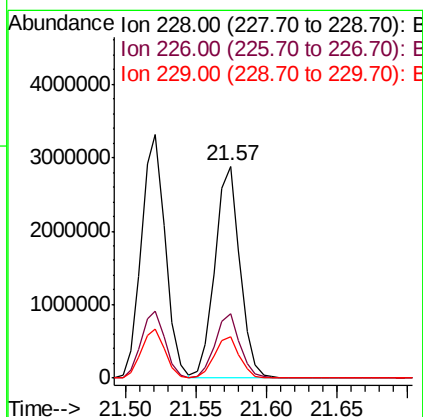
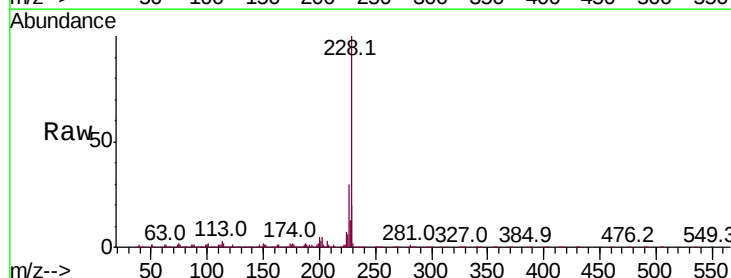
Instrument :  
 BNA\_M  
 ClientSampleId :

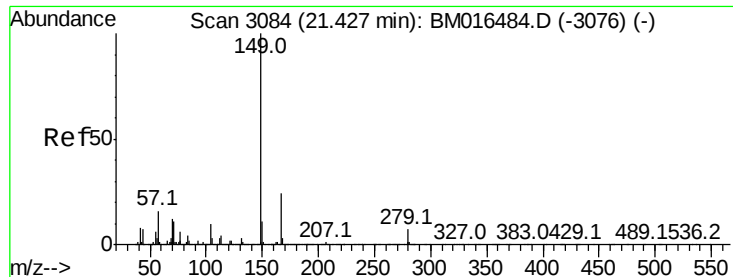
Tot Ion:252 Resp: 945680  
 Ion Ratio Lower Upper  
 252 100  
 254 64.1 51.9 77.9  
 126 4.7 9.8 14.8#



#82  
 Chrysene  
 Concen: 41.321 ng  
 RT: 21.57 min Scan# 3109  
 Delta R.T. -0.01 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Tgt Ion:228 Resp: 3538284  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 24.1 36.1  
 229 19.7 15.5 23.3

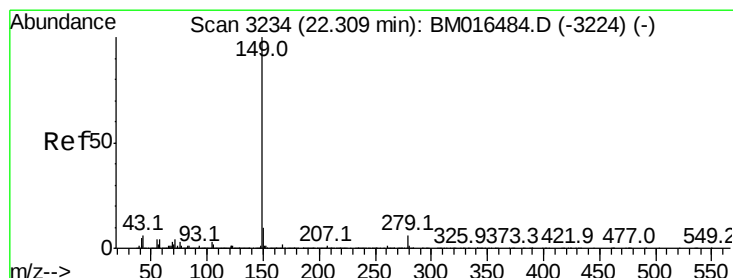
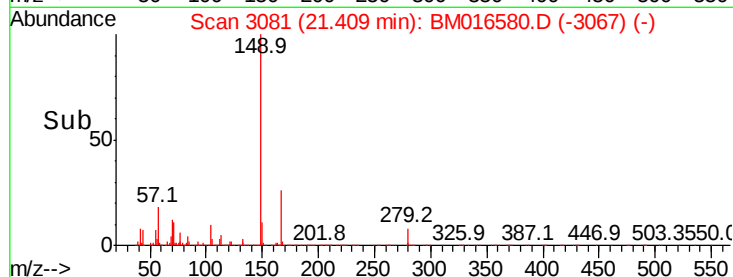
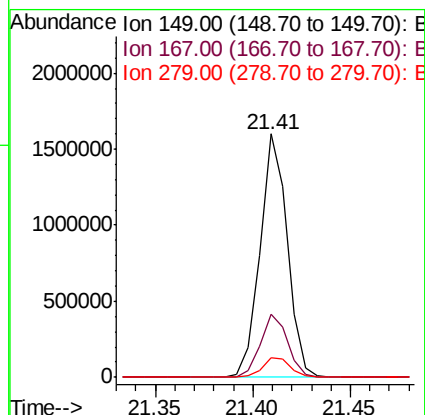
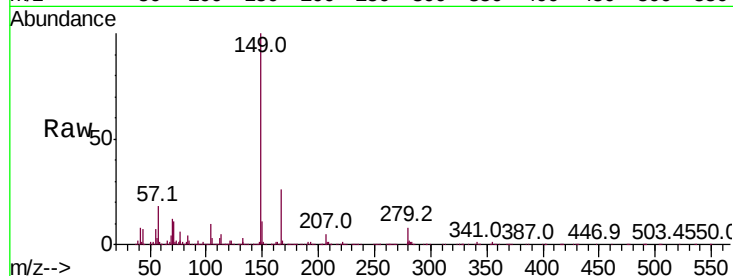




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 36.208 ng  
 RT: 21.41 min Scan# 3081  
 Delta R.T. -0.02 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

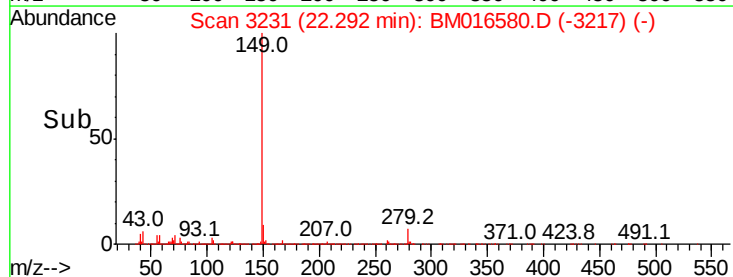
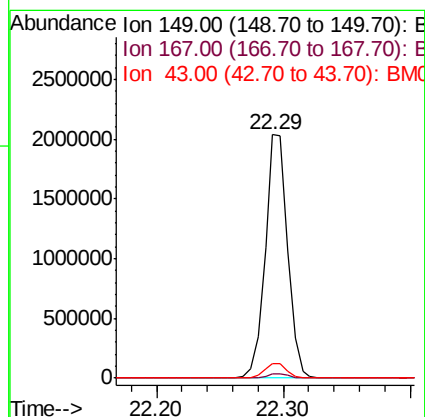
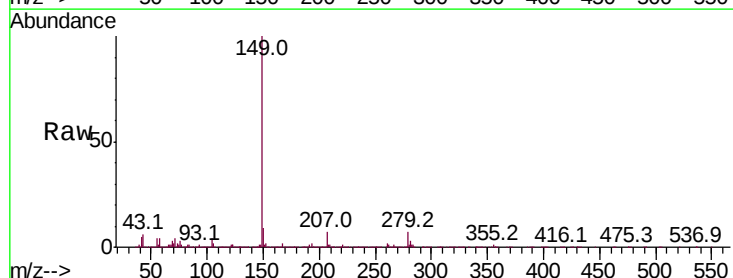
Instrument :  
 BNA\_M  
 ClientSampleId :

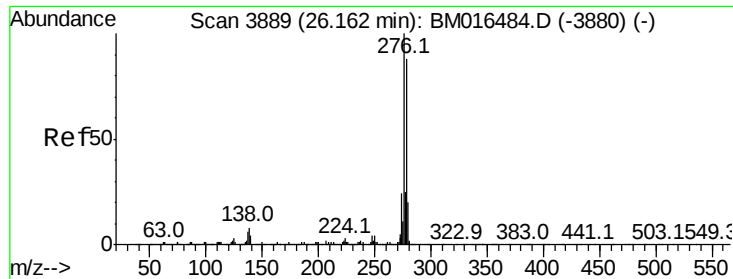
Tot Ion:149 Resp: 1541373  
 Ion Ratio Lower Upper  
 149 100  
 167 26.1 22.4 33.6  
 279 8.1 3.4 5.0#



#84  
 Di-n-octyl phthalate  
 Concen: 35.262 ng  
 RT: 22.29 min Scan# 3231  
 Delta R.T. -0.02 min  
 Lab File: BM016580.D  
 Acq: 24 Aug 2018 10:15

Tgt Ion:149 Resp: 2494610  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.2 1.8#  
 43 6.1 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.803 ng

RT: 26.13 min Scan# 3884

Delta R.T. -0.03 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

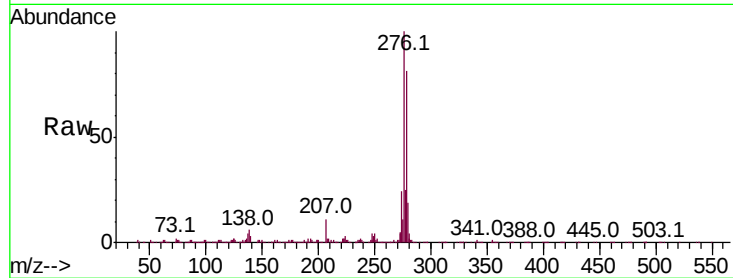
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:276 Resp: 4285795

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 6.3   | 12.0  | 18.0# |
| 277 | 25.3  | 20.0  | 30.0  |

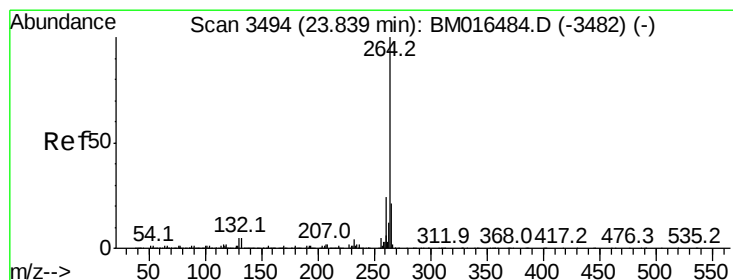
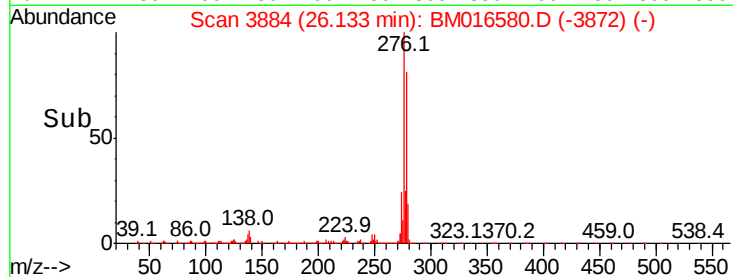
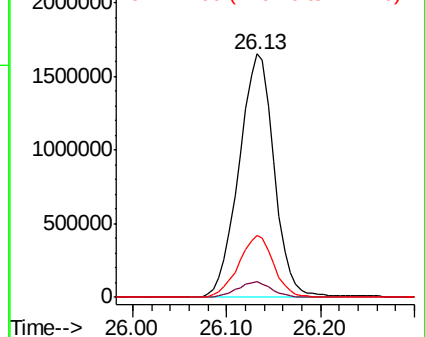


Abundance

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

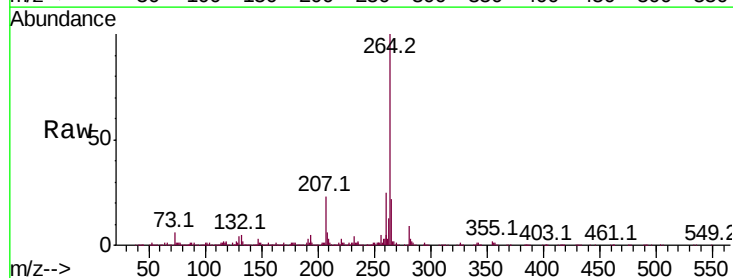
Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Tgt Ion:264 Resp: 1460616

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 18.6  | 27.8  |
| 265 | 22.3  | 17.3  | 25.9  |

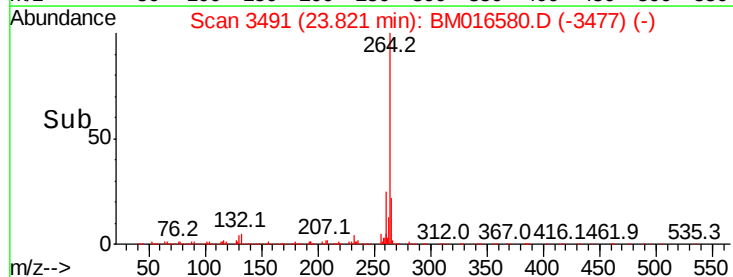
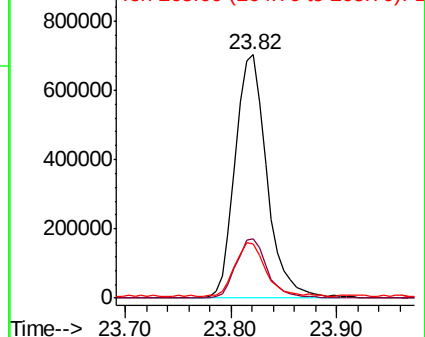


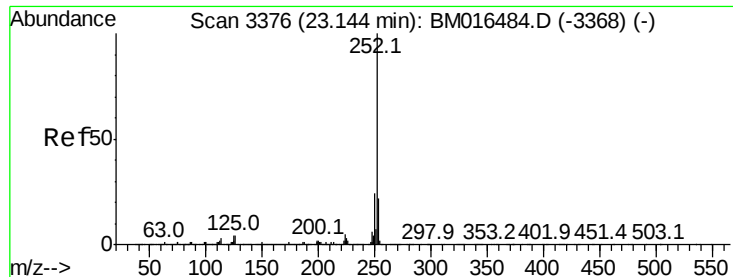
Abundance

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: 46.567 ng

RT: 23.13 min Scan# 3373

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

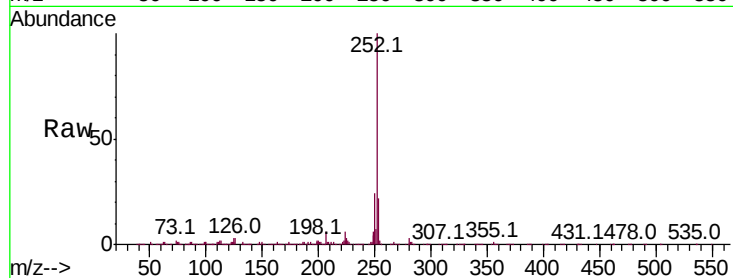
Tot Ion:252 Resp: 3920836

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

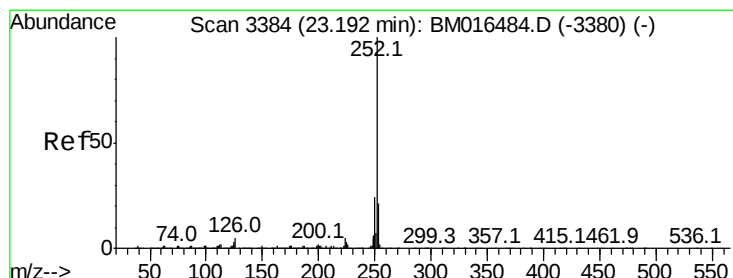
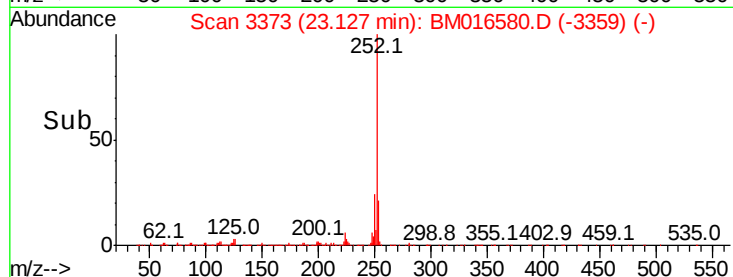
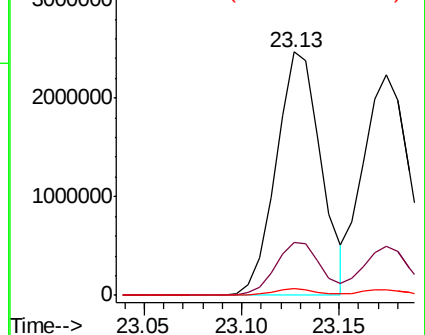
125 2.9 9.9 14.9#



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: 44.162 ng

RT: 23.17 min Scan# 3381

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

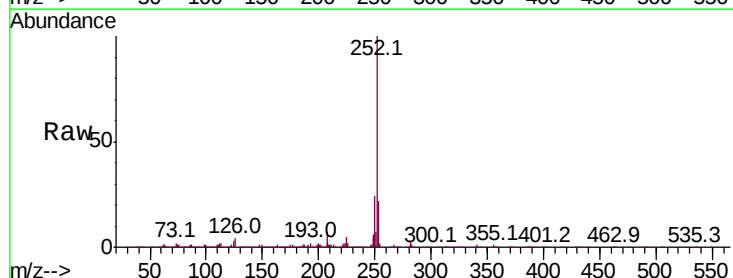
Tgt Ion:252 Resp: 3783389

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

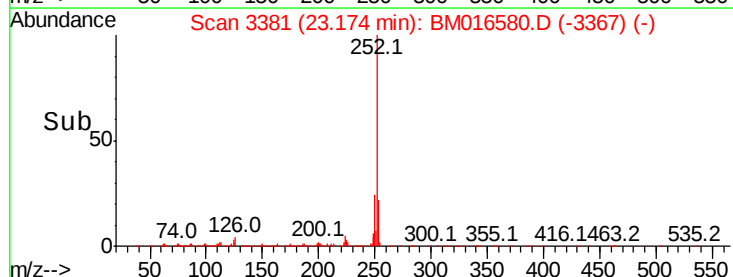
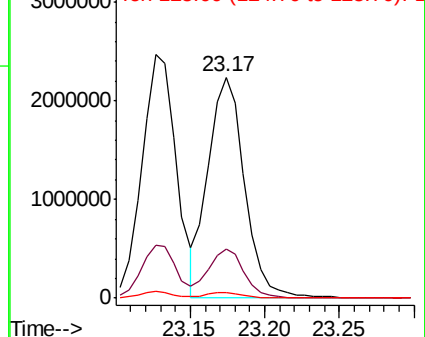
125 2.8 8.1 12.1#

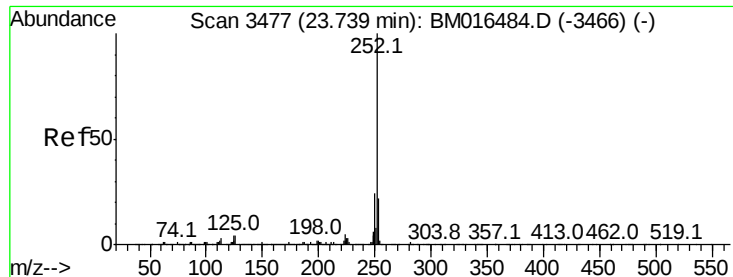


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.436 ng

RT: 23.72 min Scan# 3474

Delta R.T. -0.02 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

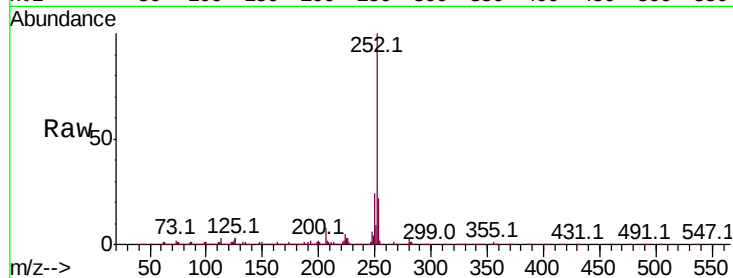
Tot Ion:252 Resp: 3640413

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.7  | 17.6  | 26.4  |
| 125 | 2.9   | 7.4   | 11.2  |

252 100

253 21.7 17.6 26.4

125 2.9 7.4 11.2

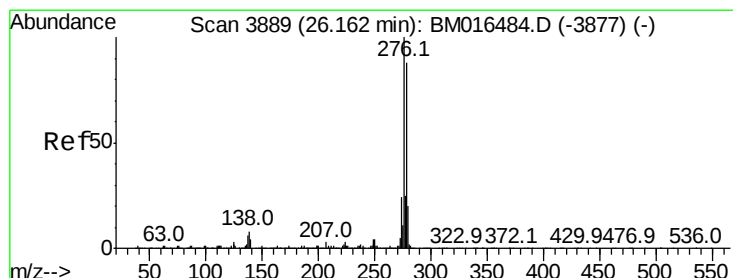
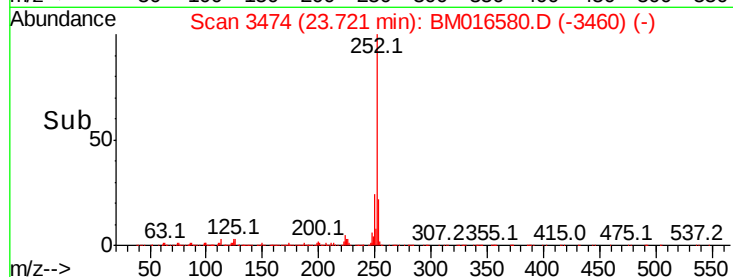
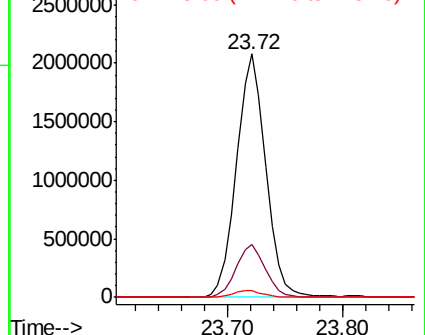


Abundance

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



#90

Dibenzo(a,h)anthracene

Concen: 39.603 ng

RT: 26.13 min Scan# 3884

Delta R.T. -0.03 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

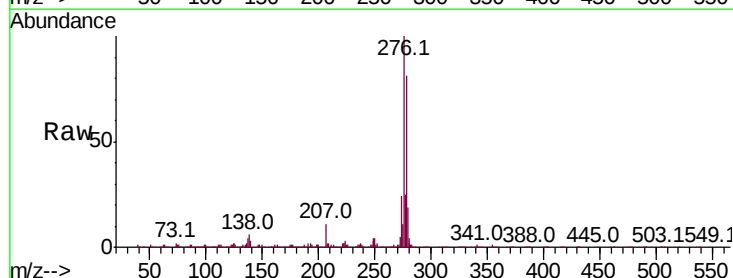
Tgt Ion:278 Resp: 3636104

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 4.2   | 13.4  | 20.0  |
| 279 | 23.0  | 19.0  | 28.4  |

278 100

139 4.2 13.4 20.0

279 23.0 19.0 28.4

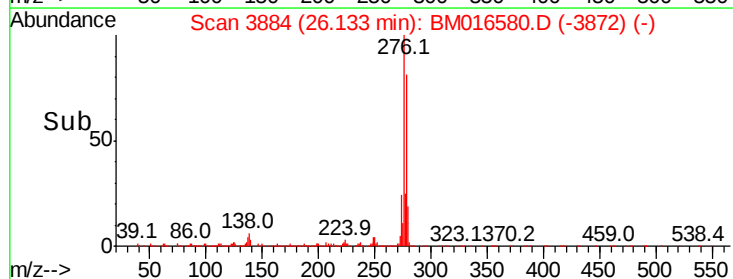
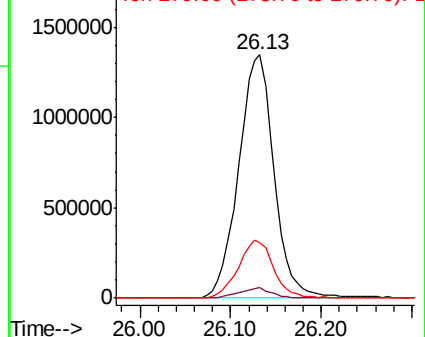


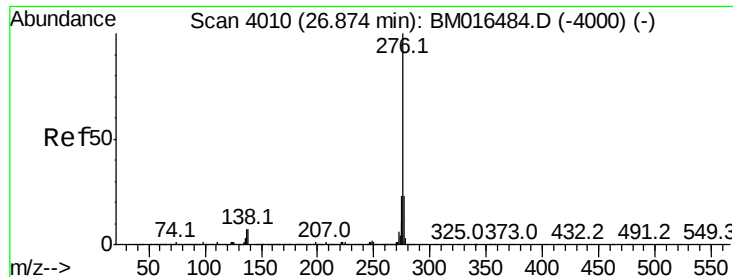
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.776 ng

RT: 26.84 min Scan# 4005

Delta R.T. -0.03 min

Lab File: BM016580.D

Acq: 24 Aug 2018 10:15

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:276 Resp: 3278206

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 5.5 19.0 28.6#

