

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\  
 Data File : BM016523.D  
 Acq On : 22 Aug 2018 17:56  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 23 02:39:24 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 | 8.02  | 152  | 98567    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.82 | 136  | 403965   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.66 | 164  | 334365   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.40 | 188  | 1170264  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.54 | 240  | 1774232  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.83 | 264  | 1917323  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.56  | 112  | 362820   | 72.13 | ng    | 0.00     |
| 7) Phenol-d6                | 7.19  | 99   | 475640   | 71.46 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 745369   | 84.25 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.16 | 330  | 788148   | 84.32 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.27 | 172  | 2958698  | 85.06 | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.99 | 244  | 7622141  | 90.93 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.37  | 88   | 110584   | 39.795 | ng    | # 100  |
| 3) Pyridine                    | 3.81  | 79   | 209457   | 36.228 | ng    | # 80   |
| 4) n-Nitrosodimethylamine      | 3.73  | 42   | 100754   | 39.117 | ng    | # 67   |
| 6) Aniline                     | 7.35  | 93   | 274352   | 36.834 | ng    | # 90   |
| 8) 2-Chlorophenol              | 7.58  | 128  | 228009   | 38.095 | ng    | # 93   |
| 9) Benzaldehyde                | 7.17  | 77   | 180640   | 39.106 | ng    | # 75   |
| 10) Phenol                     | 7.22  | 94   | 236837   | 35.980 | ng    | # 82   |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93   | 174872   | 35.427 | ng    | # 98   |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146  | 296415   | 37.353 | ng    | # 87   |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146  | 309180   | 37.965 | ng    | # 95   |
| 14) 1,2-Dichlorobenzene        | 8.37  | 146  | 311734   | 38.963 | ng    | # 96   |
| 15) Benzyl Alcohol             | 8.28  | 79   | 210981   | 34.133 | ng    | # 79   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45   | 115617   | 34.017 | ng    | # 44   |
| 17) 2-Methylphenol             | 8.47  | 107  | 177328   | 37.201 | ng    | # 75   |
| 18) Hexachloroethane           | 9.08  | 117  | 155443   | 41.432 | ng    | # 50   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70   | 191617   | 36.719 | ng    | # 86   |
| 20) 3+4-Methylphenols          | 8.81  | 107  | 229880   | 34.880 | ng    | # 80   |
| 22) Acetophenone               | 8.86  | 105  | 363448   | 37.363 | ng    | # 97   |
| 24) Nitrobenzene               | 9.25  | 77   | 335712   | 37.977 | ng    | # 87   |
| 25) Isophorone                 | 9.76  | 82   | 453765   | 38.374 | ng    | # 94   |
| 26) 2-Nitrophenol              | 9.96  | 139  | 143481   | 37.967 | ng    | # 30   |
| 27) 2,4-Dimethylphenol         | 10.01 | 122  | 178779   | 36.301 | ng    | # 75   |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93   | 264285   | 37.442 | ng    | # 96   |
| 29) 2,4-Dichlorophenol         | 10.49 | 162  | 333788   | 45.285 | ng    | # 90   |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180  | 542648   | 48.518 | ng    | # 96   |
| 31) Naphthalene                | 10.87 | 128  | 739687   | 38.432 | ng    | # 98   |
| 32) Benzoic acid               | 10.21 | 122  | 126967   | 30.812 | ng    | # 79   |
| 33) 4-Chloroaniline            | 11.01 | 127  | 308640   | 38.104 | ng    | # 88   |
| 34) Hexachlorobutadiene        | 11.12 | 225  | 559256   | 52.389 | ng    | # 98   |
| 35) Caprolactam                | 11.83 | 113  | 65850    | 37.231 | ng    | # 65   |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107  | 272241   | 38.419 | ng    | # 97   |
| 37) 2-Methylnaphthalene        | 12.48 | 142  | 600420   | 39.849 | ng    | # 89   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216  | 812621   | 43.032 | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.80 | 237  | 302628   | 44.035 | ng    | # 99   |

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 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

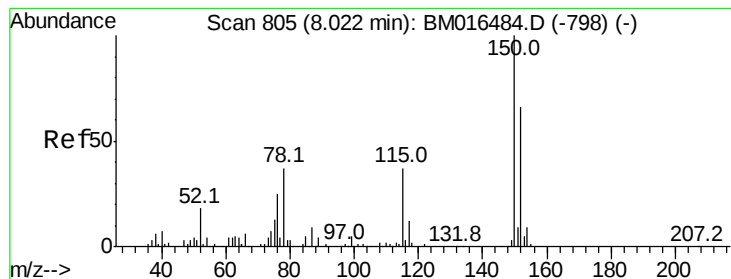
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 23 02:39:24 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 21 16:31:22 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.10 | 196  | 485448   | 42.989 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.10 | 196  | 451588   | 40.939 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 1025178  | 34.967 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.54 | 162  | 883384   | 37.087 | nq    | 98       |
| 47) 2-Nitroaniline             | 13.77 | 65   | 205079   | 32.324 | nq    | 88       |
| 48) Acenaphthylene             | 14.39 | 152  | 1196444  | 35.584 | nq    | 98       |
| 49) Dimethylphthalate          | 14.12 | 163  | 1231658  | 38.341 | nq    | # 98     |
| 50) 2,6-Dinitrotoluene         | 14.26 | 165  | 252334   | 40.272 | nq    | # 83     |
| 51) Acenaphthene               | 14.72 | 154  | 744613   | 36.048 | nq    | 95       |
| 52) 3-Nitroaniline             | 14.60 | 138  | 189267   | 33.198 | nq    | # 81     |
| 53) 2,4-Dinitrophenol          | 14.83 | 184  | 116208   | 37.061 | nq    | # 76     |
| 54) Dibenzofuran               | 15.06 | 168  | 1565461  | 39.589 | nq    | 95       |
| 55) 4-Nitrophenol              | 14.92 | 139  | 117776   | 32.389 | nq    | # 83     |
| 56) 2,4-Dinitrotoluene         | 15.06 | 165  | 403870   | 38.655 | nq    | # 96     |
| 57) Fluorene                   | 15.71 | 166  | 1179493  | 39.485 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 482126   | 45.475 | nq    | # 100    |
| 59) Diethylphthalate           | 15.47 | 149  | 1209861  | 36.121 | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 15.69 | 204  | 1109905  | 44.306 | nq    | # 84     |
| 61) 4-Nitroaniline             | 15.77 | 138  | 193917   | 34.804 | nq    | # 1      |
| 62) Azobenzene                 | 15.99 | 77   | 1330038  | 37.281 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 310015   | 34.865 | nq    | # 57     |
| 65) n-Nitrosodiphenylamine     | 15.92 | 169  | 1153039  | 35.023 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.59 | 248  | 710613   | 39.519 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 818458   | 39.030 | nq    | 96       |
| 68) Atrazine                   | 16.86 | 200  | 602182   | 40.080 | nq    | 94       |
| 69) Pentachlorophenol          | 17.06 | 266  | 431258   | 38.869 | nq    | 96       |
| 70) Phenanthrene               | 17.44 | 178  | 2197075  | 36.324 | nq    | 98       |
| 71) Anthracene                 | 17.53 | 178  | 2206308  | 36.734 | nq    | 99       |
| 72) Carbazole                  | 17.82 | 167  | 1861755  | 34.492 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.34 | 149  | 2147544  | 32.635 | nq    | # 97     |
| 74) Fluoranthene               | 19.44 | 202  | 3384428  | 38.162 | nq    | 94       |
| 76) Benzidine                  | 19.63 | 184  | 1253325  | 36.732 | nq    | 98       |
| 77) Pyrene                     | 19.80 | 202  | 3665222  | 38.012 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.67 | 149  | 1104250  | 33.178 | nq    | # 77     |
| 80) Benzo(a)anthracene         | 21.53 | 228  | 3983430  | 38.189 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.46 | 252  | 1735635  | 37.381 | nq    | # 97     |
| 82) Chrysene                   | 21.58 | 228  | 3734084  | 37.519 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.42 | 149  | 1616324  | 32.667 | nq    | # 95     |
| 84) Di-n-octyl phthalate       | 22.31 | 149  | 2701975  | 32.861 | nq    | # 92     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.16 | 276  | 5229351  | 36.536 | nq    | # 92     |
| 87) Benzo(b)fluoranthene       | 23.14 | 252  | 4358624  | 39.436 | nq    | # 90     |
| 88) Benzo(k)fluoranthene       | 23.19 | 252  | 4119632  | 36.633 | nq    | # 93     |
| 89) Benzo(a)pyrene             | 23.73 | 252  | 4062239  | 37.774 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 26.16 | 278  | 4401492  | 36.520 | nq    | # 88     |
| 91) Benzo(g,h,i)perylene       | 26.87 | 276  | 3968348  | 36.680 | nq    | # 80     |

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



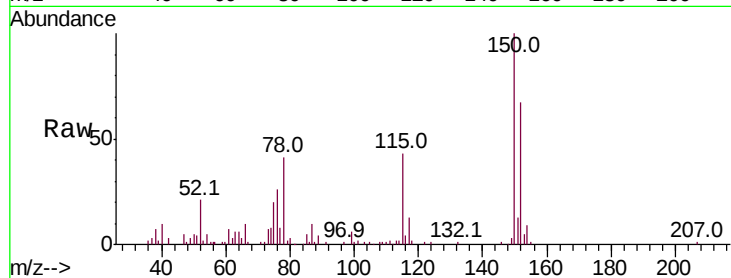


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 804  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.0 | 119.5 | 179.3 |
| 115     | 64.5  | 43.0  | 64.4  |

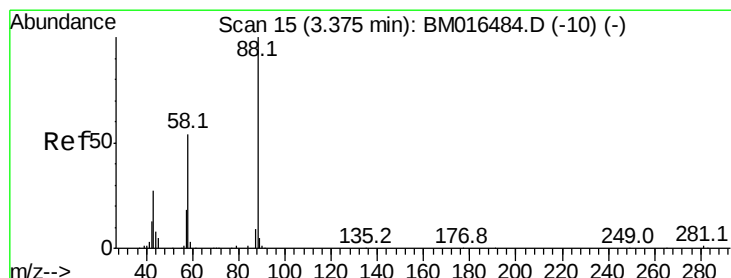
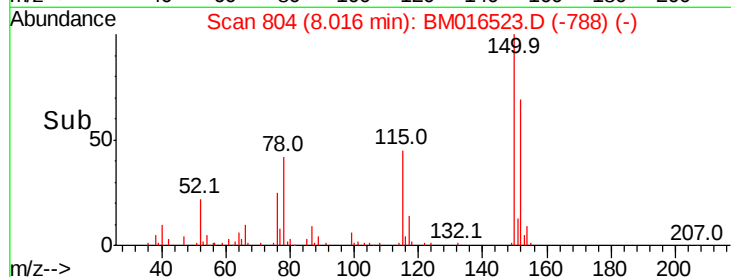
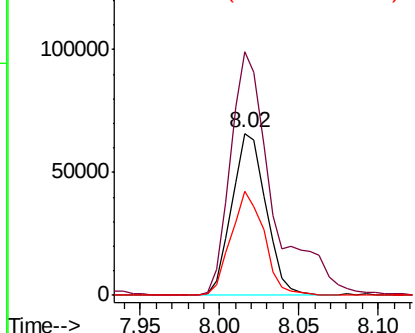


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

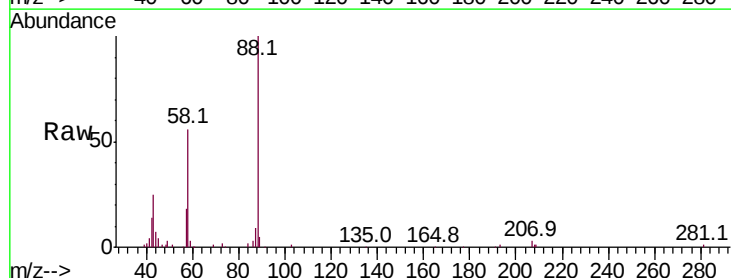
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 39.795 ng  
RT: 3.37 min Scan# 15  
Delta R.T. -0.00 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 55.3  | 0.0   | 0.0#  |
| 43      | 25.4  | 0.0   | 0.0#  |

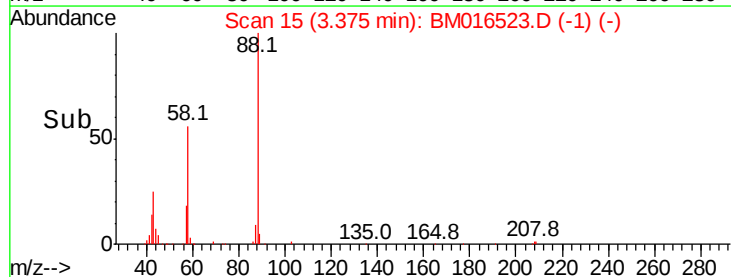
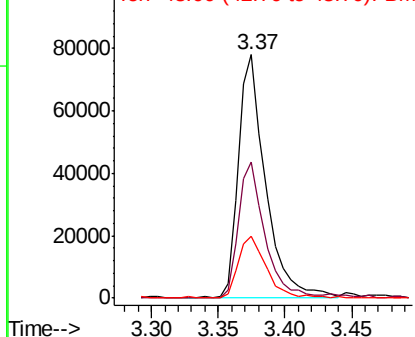


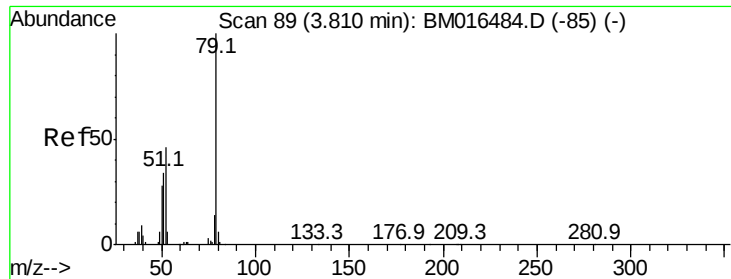
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC

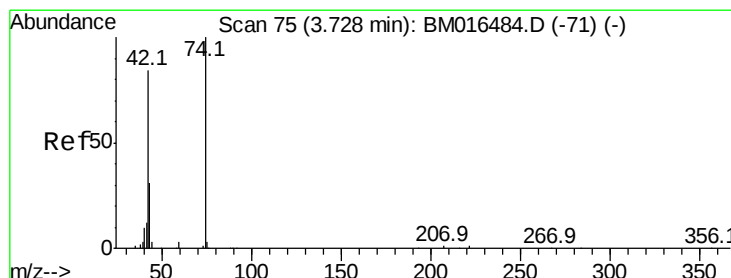
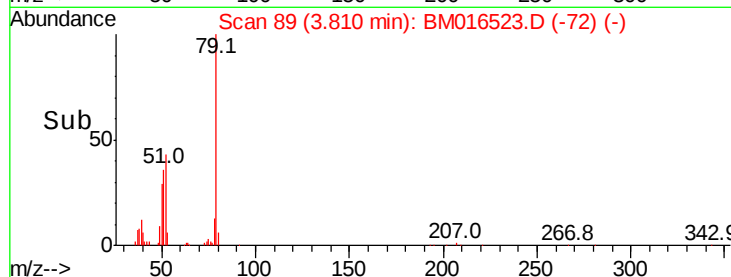
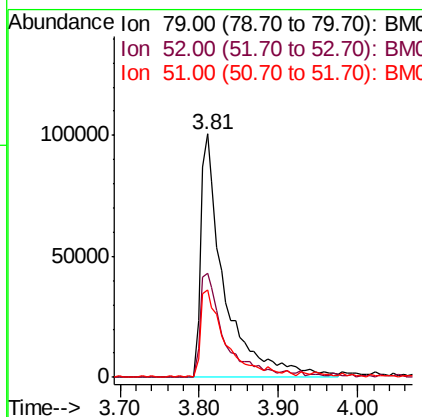
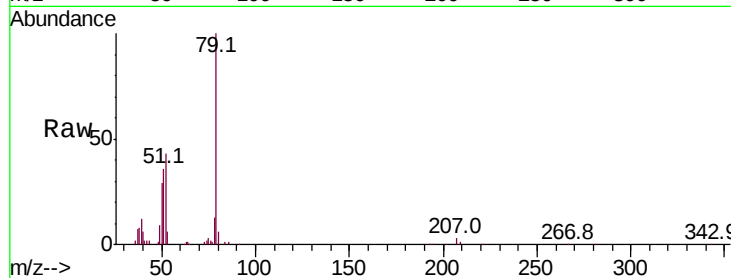




#3  
 Pvridine  
 Concen: 36.228 ng  
 RT: 3.81 min Scan# 89  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

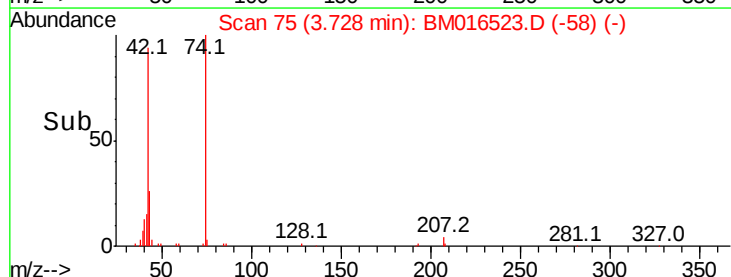
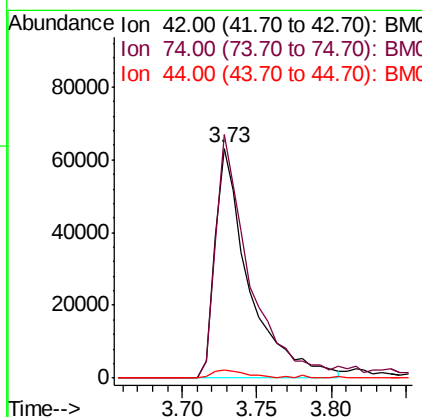
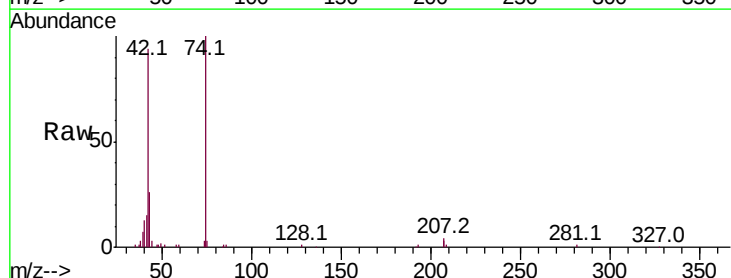
Instrument :  
 BNA\_M  
 ClientSampleId :

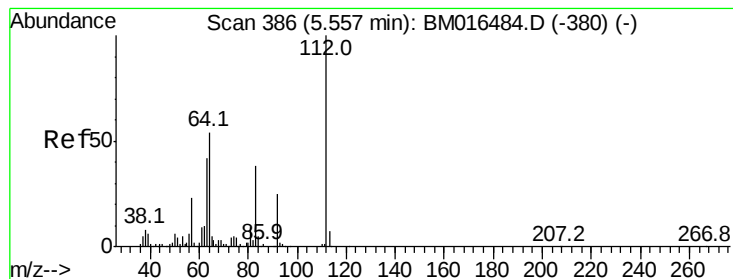
Tot Ion: 79 Resp: 209457  
 Ion Ratio Lower Upper  
 79 100  
 52 42.6 51.1 76.7#  
 51 36.1 26.1 39.1



#4  
 n-Nitrosodimethylamine  
 Concen: 39.117 ng  
 RT: 3.73 min Scan# 75  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

Tgt Ion: 42 Resp: 100754  
 Ion Ratio Lower Upper  
 42 100  
 74 105.9 119.3 178.9#  
 44 3.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 39.117 ng

RT: 5.56 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

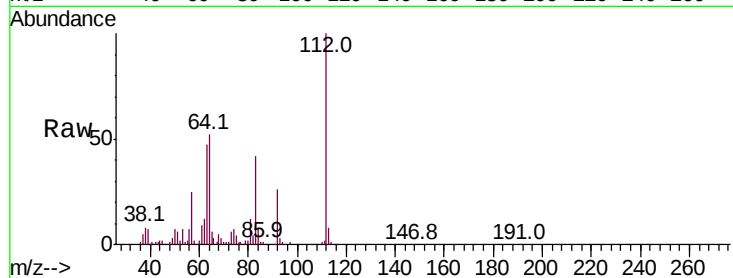
Tot Ion:112 Resp: 362820

Ion Ratio Lower Upper

112 100

64 52.4 38.6 57.8

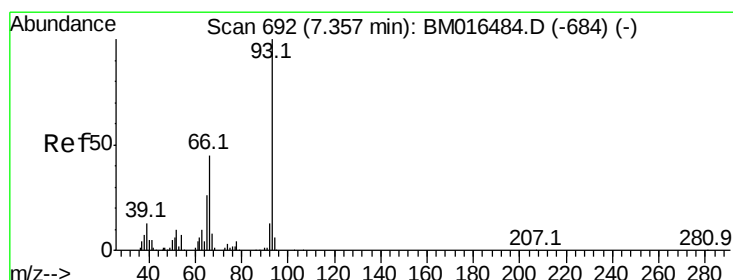
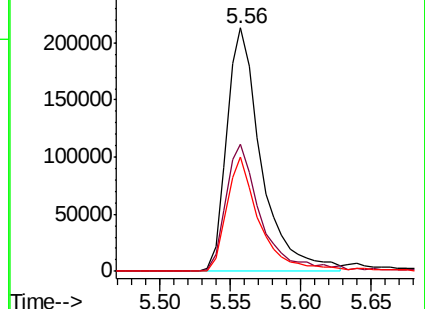
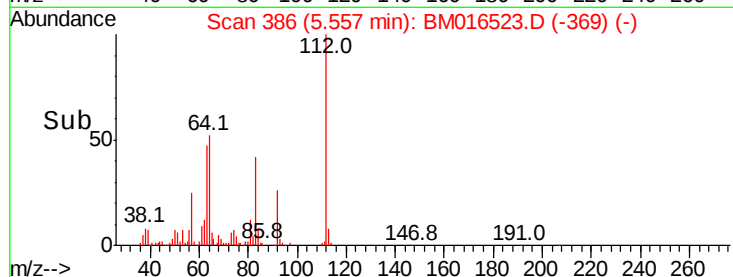
63 46.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 36.834 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

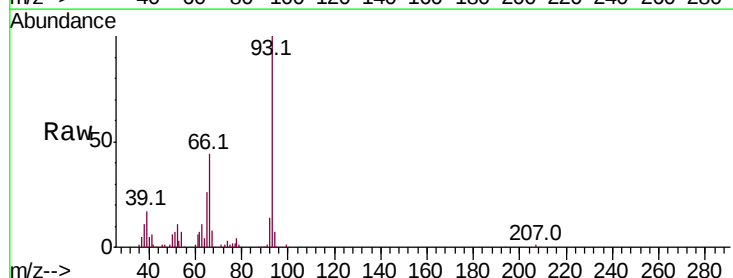
Tgt Ion: 93 Resp: 274352

Ion Ratio Lower Upper

93 100

66 43.8 30.8 46.2

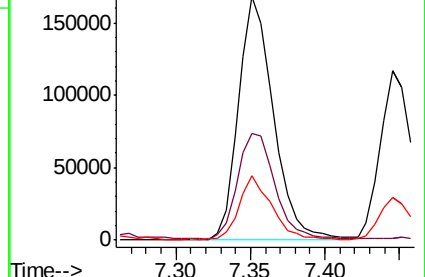
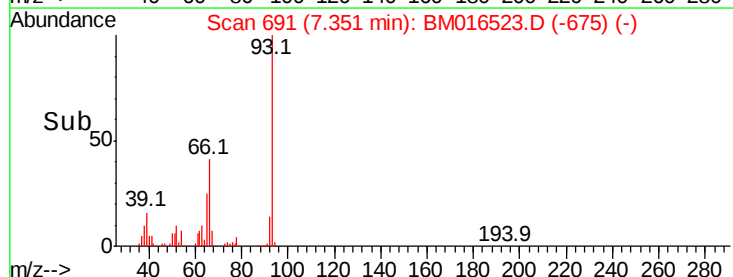
65 26.2 16.0 24.0#

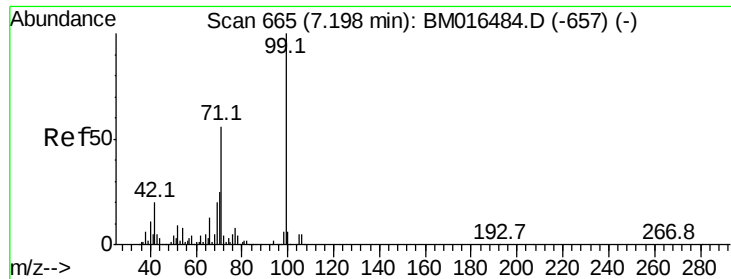


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 36.834 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

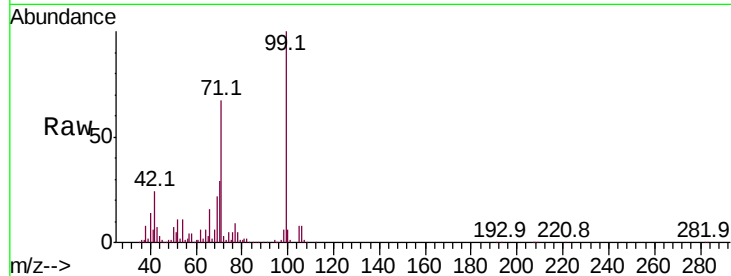
Tot Ion: 99 Resp: 475640

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

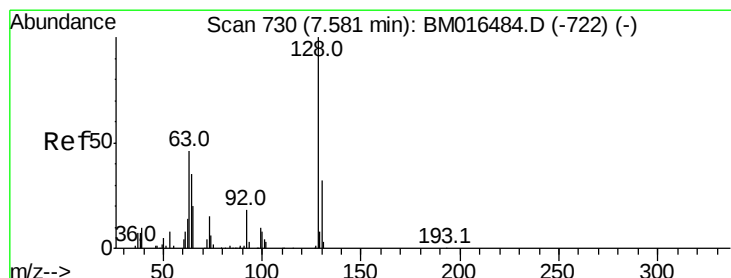
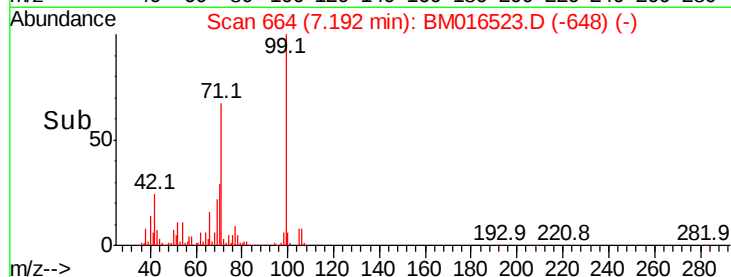
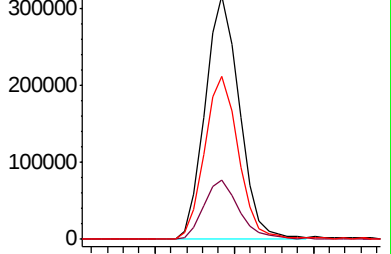
71 66.7 23.4 35.2#



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: 38.095 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

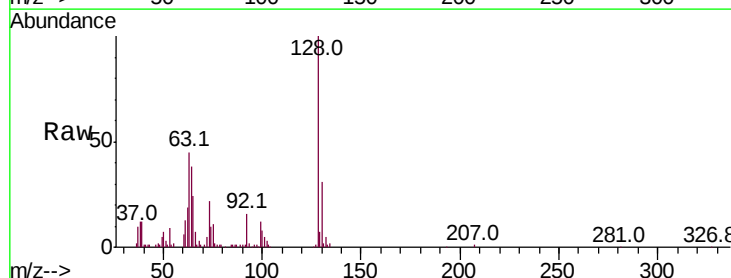
Tgt Ion: 128 Resp: 228009

Ion Ratio Lower Upper

128 100

130 30.8 12.0 52.0

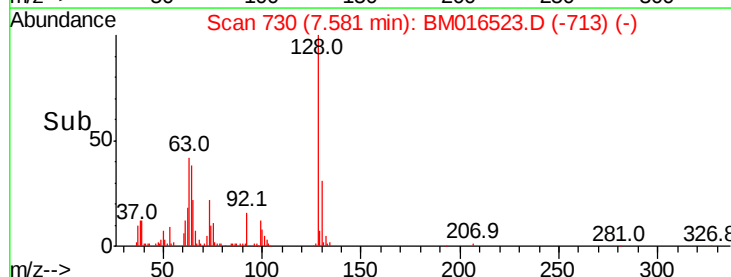
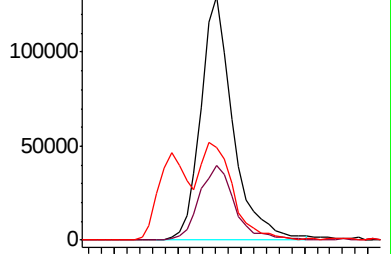
64 38.2 24.9 64.9

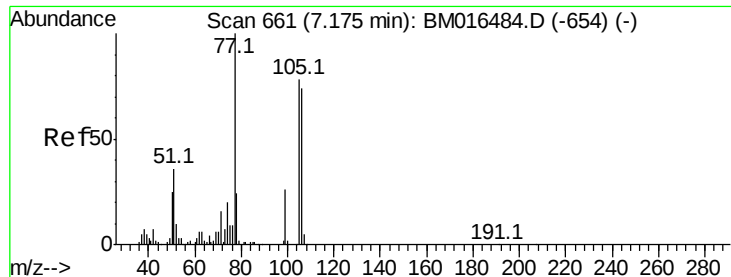


Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

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

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





#9

Benzaldehyde

Concen: 39.106 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

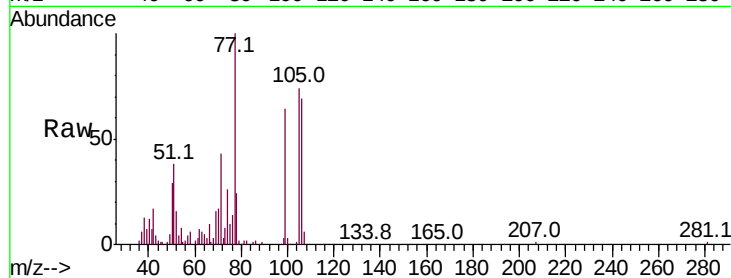
Tot Ion: 77 Resp: 180640

Ion Ratio Lower Upper

77 100

105 73.9 78.8 118.8#

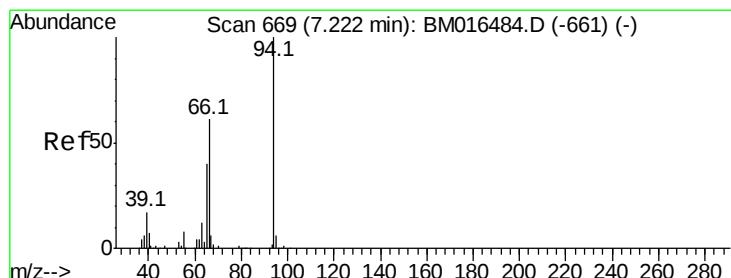
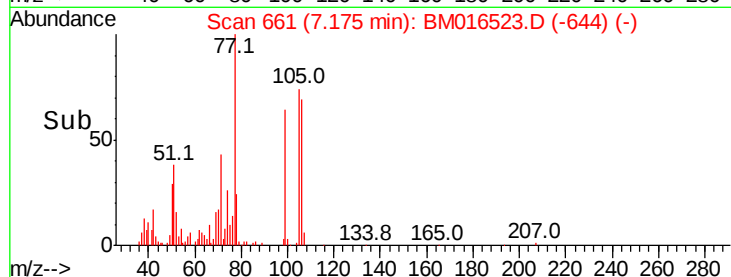
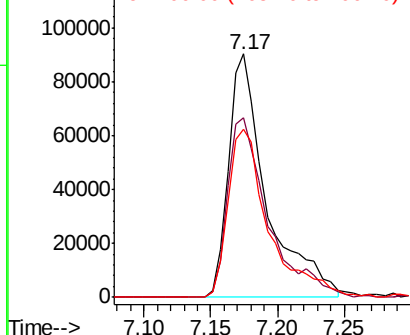
106 69.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016523.D (-644) (-)

Ion 105.00 (104.70 to 105.70): BM016523.D (-644) (-)

Ion 106.00 (105.70 to 106.70): BM016523.D (-644) (-)



#10

Phenol

Concen: 35.980 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

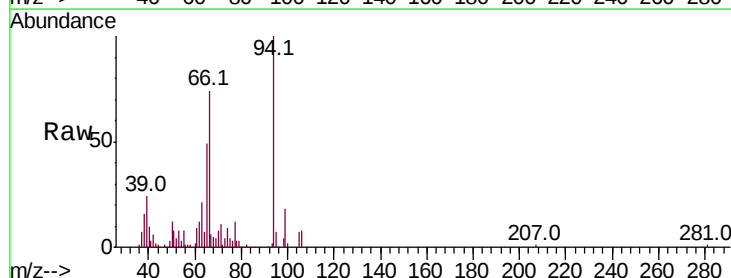
Tgt Ion: 94 Resp: 236837

Ion Ratio Lower Upper

94 100

65 49.0 18.8 58.8

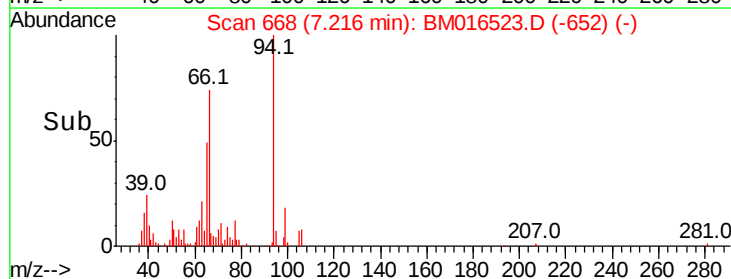
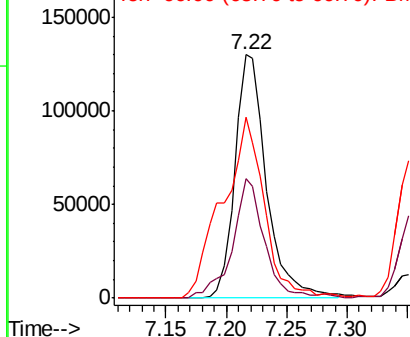
66 74.2 39.9 79.9

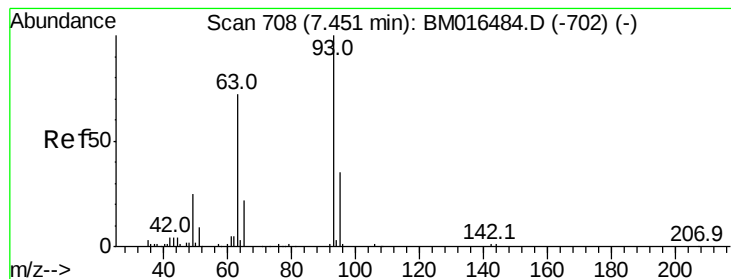


Abundance Ion 94.00 (93.70 to 94.70): BM016523.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BM016523.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BM016523.D (-652) (-)





#11

bis(2-Chloroethyl)ether

Concen: 35.427 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

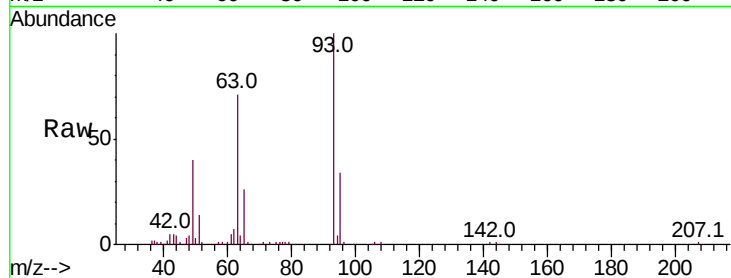
Tot Ion: 93 Resp: 174872

Ion Ratio Lower Upper

93 100

63 71.4 49.5 89.5

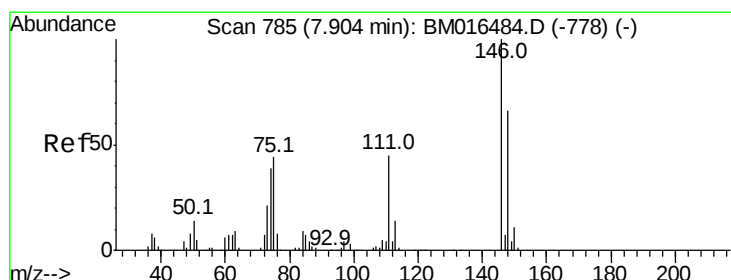
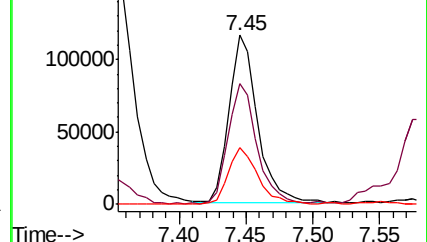
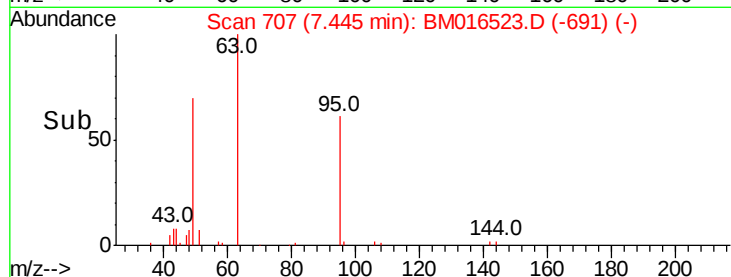
95 33.9 13.5 53.5



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: 37.353 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

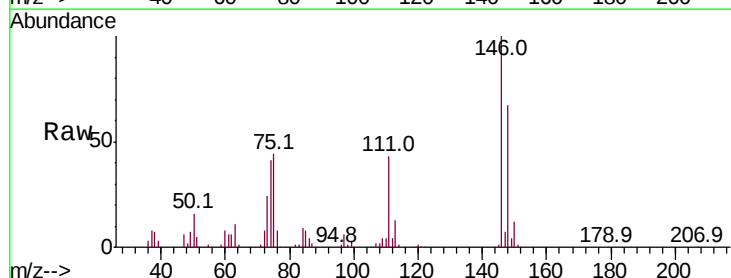
Tgt Ion: 146 Resp: 296415

Ion Ratio Lower Upper

146 100

148 67.0 50.9 76.3

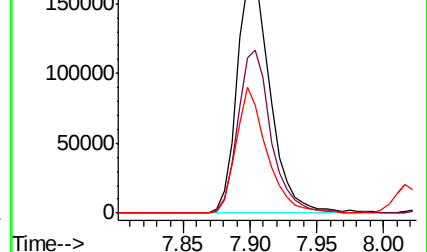
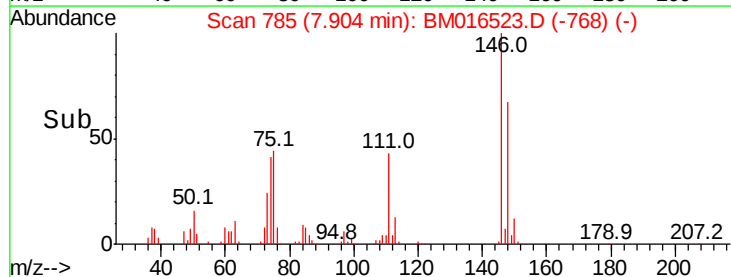
75 44.3 21.4 32.2#

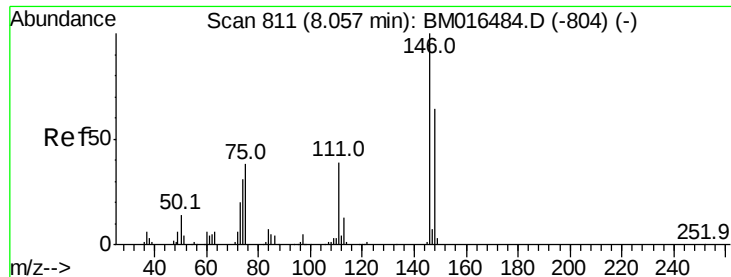


Abundance Ion 146.00 (145.70 to 146.70): BM016484.D (-778) (-)

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: 37.965 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampled :

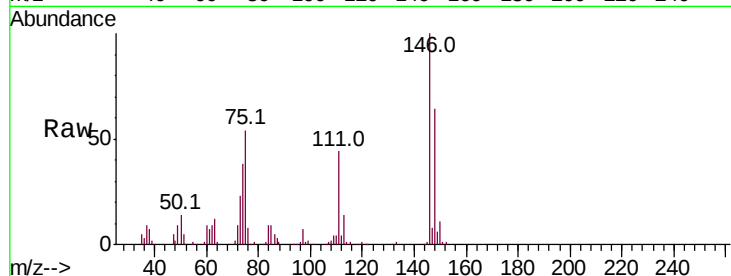
Tot Ion:146 Resp: 309180

Ion Ratio Lower Upper

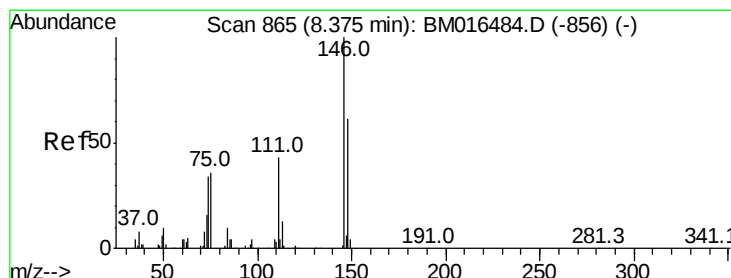
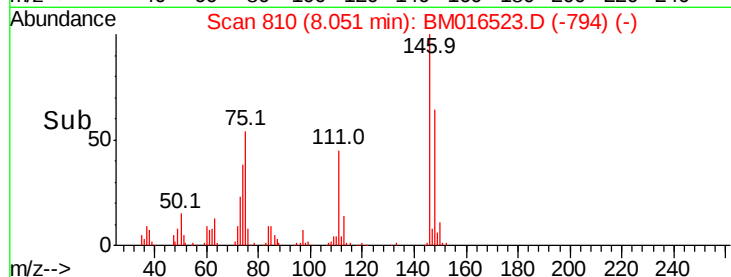
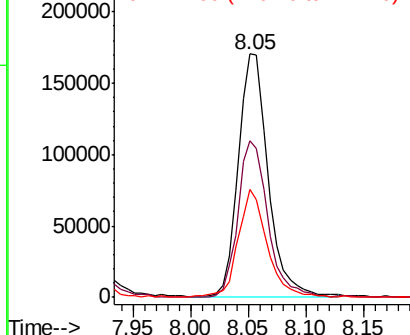
146 100

148 64.3 51.9 77.9

111 44.1 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: 38.963 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

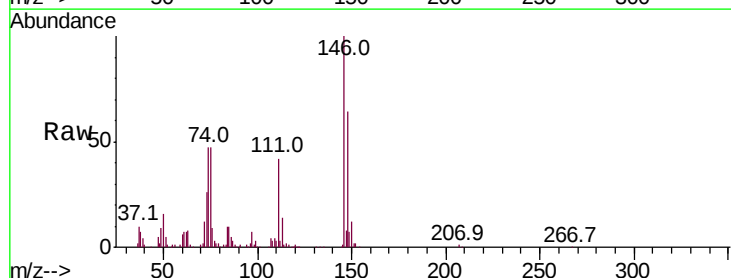
Tgt Ion:146 Resp: 311734

Ion Ratio Lower Upper

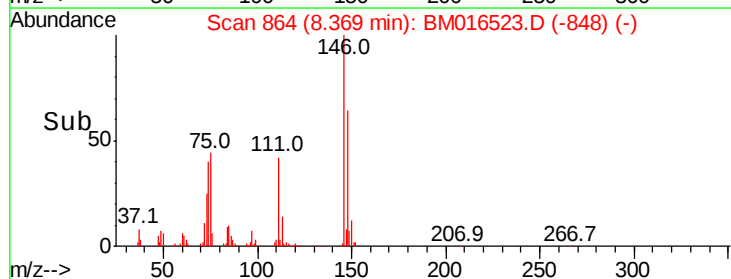
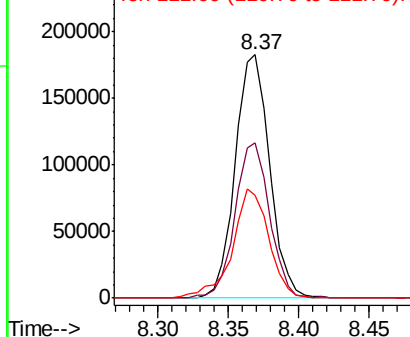
146 100

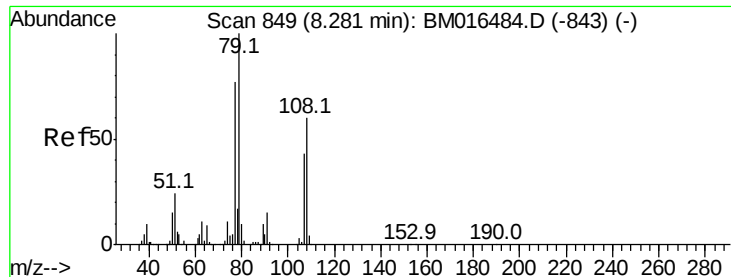
148 63.8 52.3 78.5

111 42.2 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: 34.133 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

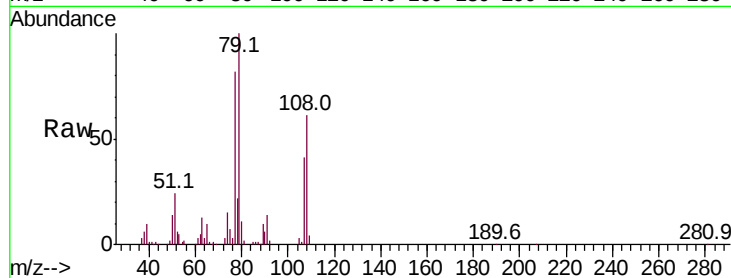
Tot Ion: 79 Resp: 210981

Ion Ratio Lower Upper

79 100

108 61.3 65.0 97.4#

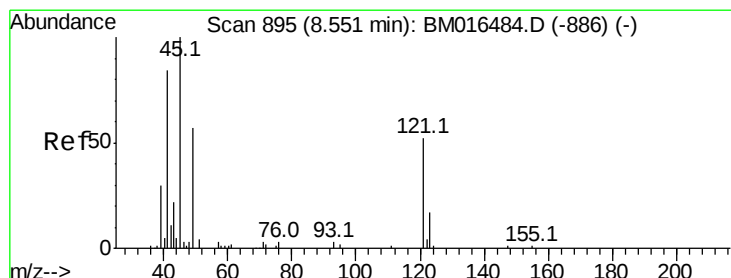
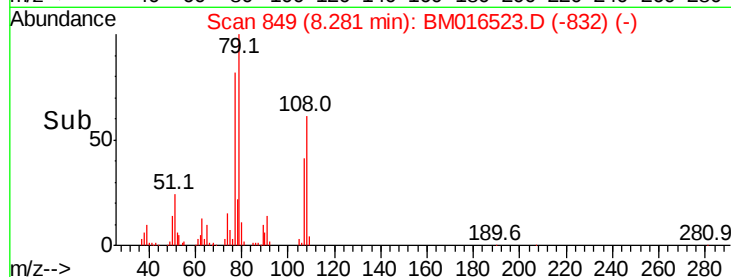
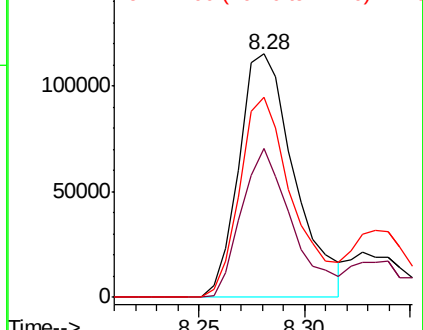
77 82.3 53.0 79.6#



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) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.017 ng

RT: 8.53 min Scan# 892

Delta R.T. -0.02 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

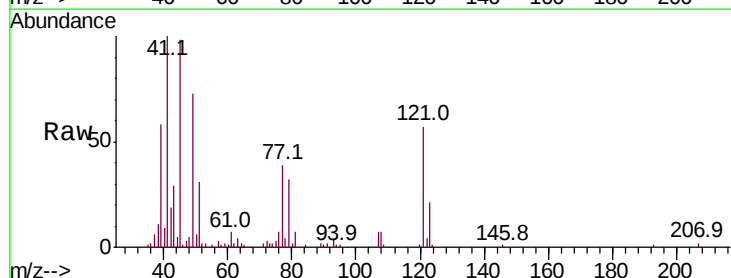
Tgt Ion: 45 Resp: 115617

Ion Ratio Lower Upper

45 100

77 39.6 0.0 35.2#

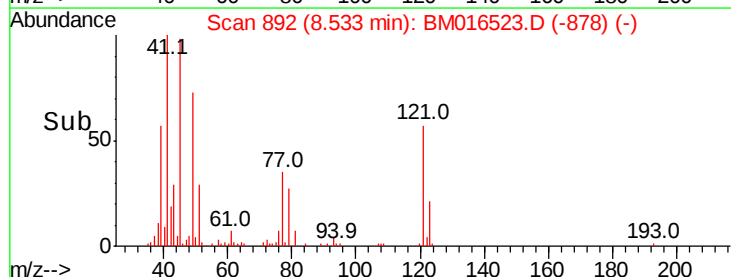
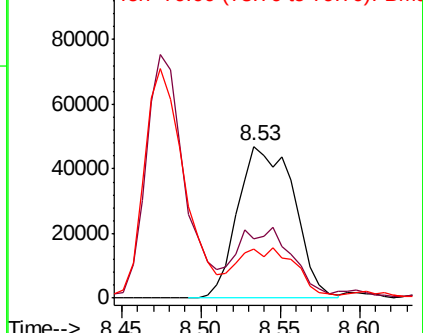
79 32.6 0.0 32.0#

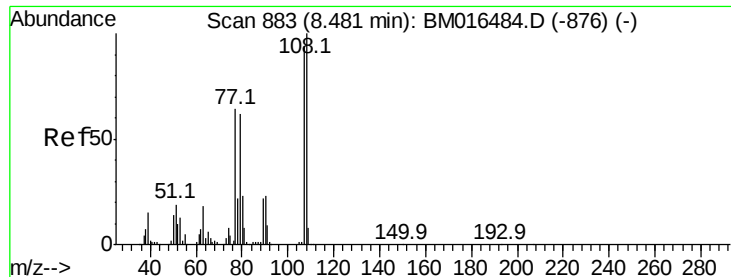


Abundance Ion 45.00 (44.70 to 45.70): BM016484.D (-886) (-)

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

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

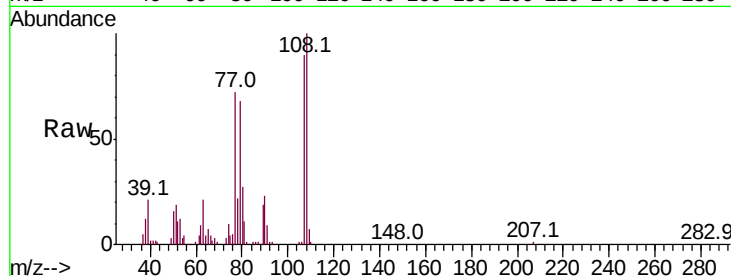




#17  
2-Methylphenol  
Concen: 37.201 ng  
RT: 8.47 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.3 | 89.8  | 134.8 |
| 77      | 80.0  | 32.6  | 48.8# |
| 79      | 75.2  | 32.8  | 49.2# |



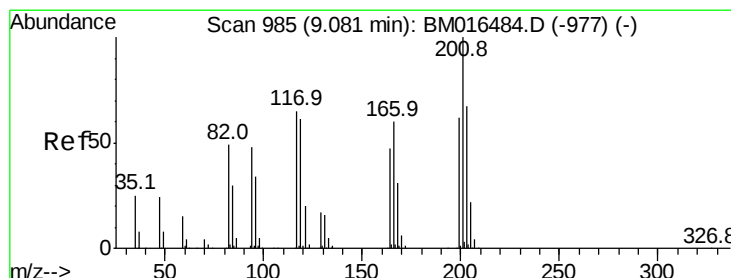
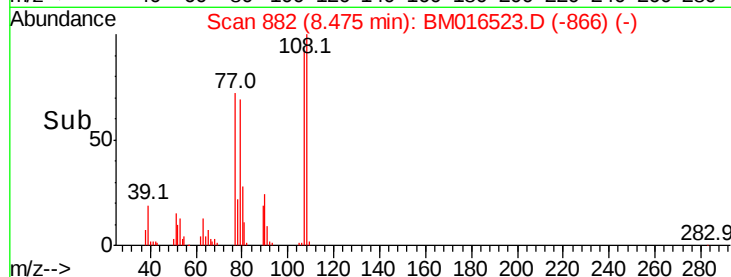
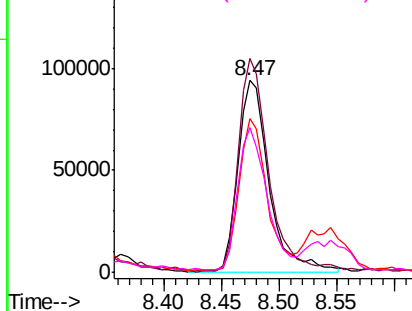
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

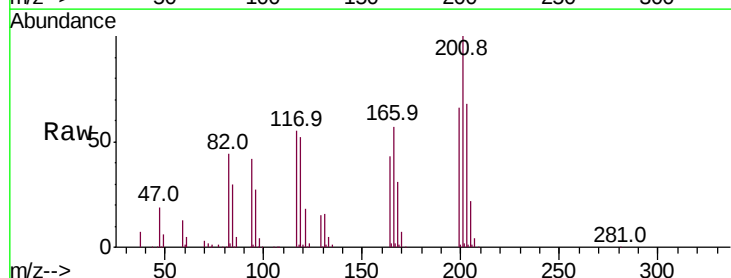
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18  
Hexachloroethane  
Concen: 41.432 ng  
RT: 9.08 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 95.7  | 79.2  | 118.8  |
| 201     | 183.4 | 69.8  | 104.6# |

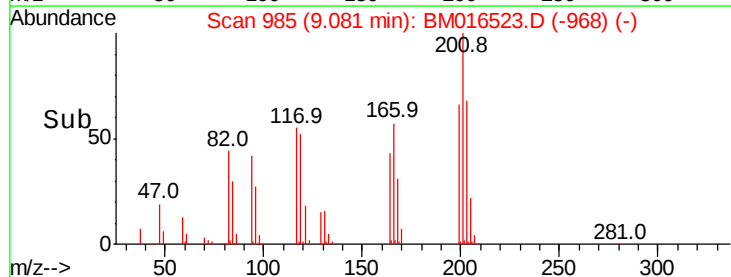
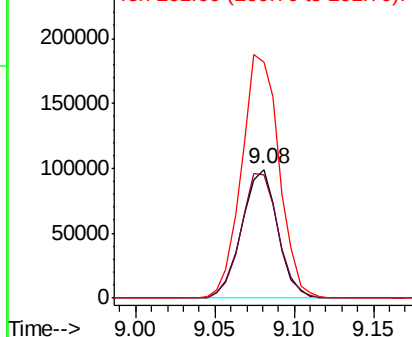


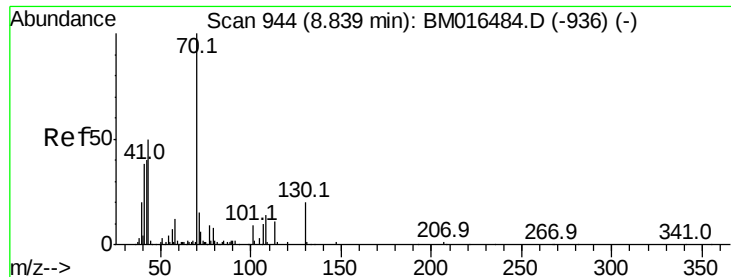
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

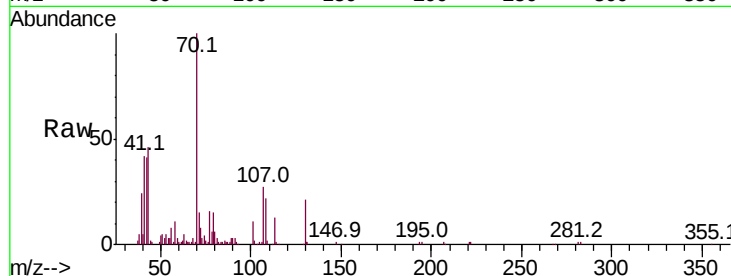




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.719 ng  
RT: 8.83 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 191617 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 41.1  | 44.5  | 66.7#  |
| 101      | 10.7  | 7.4   | 11.2   |
| 130      | 20.9  | 15.3  | 22.9   |



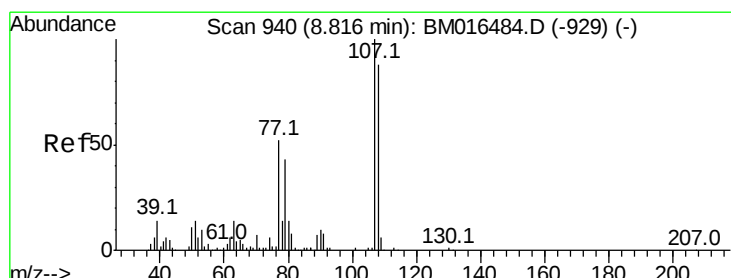
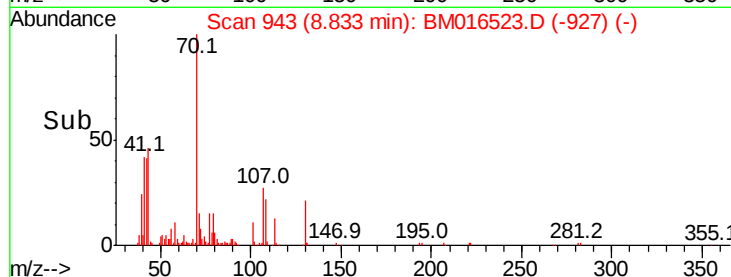
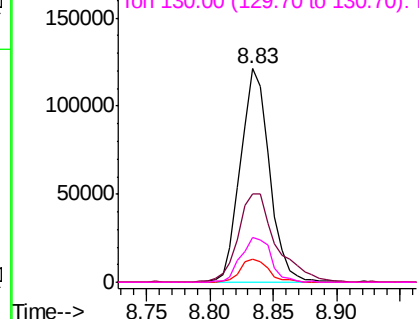
Abundance

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

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

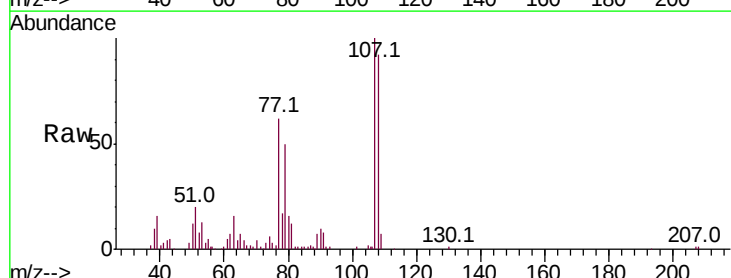
Ion 101.00 (100.70 to 101.70): BM016484.D (-936) (-)

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



#20  
3+4-Methylphenols  
Concen: 34.880 ng  
RT: 8.81 min Scan# 939  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 229880 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.5  | 73.2  | 113.2  |
| 77       | 61.8  | 10.7  | 50.7#  |
| 79       | 49.9  | 9.6   | 49.6#  |



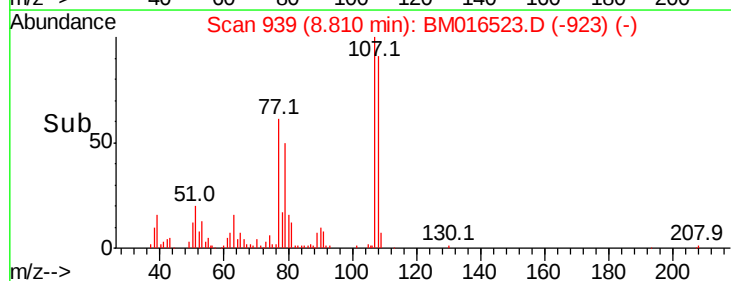
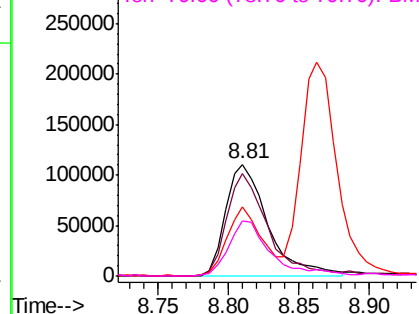
Abundance

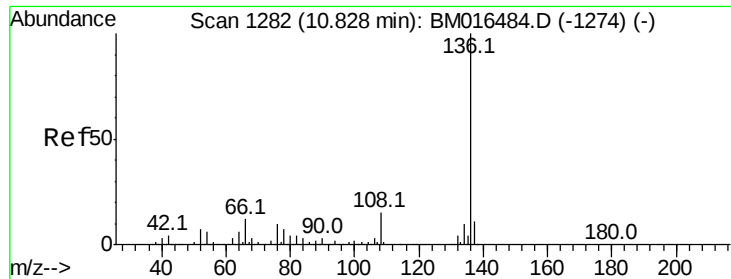
Ion 107.00 (106.70 to 107.70): BM016484.D (-929) (-)

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

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

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

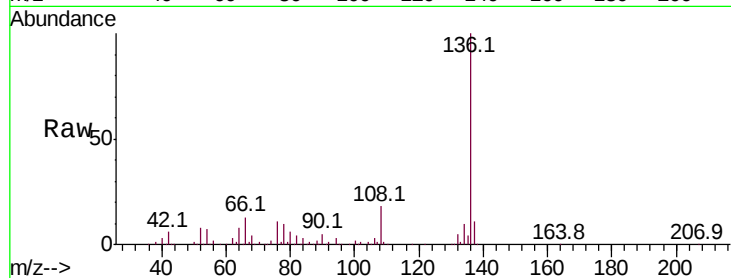




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 403965 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.7   | 13.1   |
| 54       | 7.2   | 4.6   | 6.8#   |
| 68       | 4.7   | 3.7   | 5.5    |



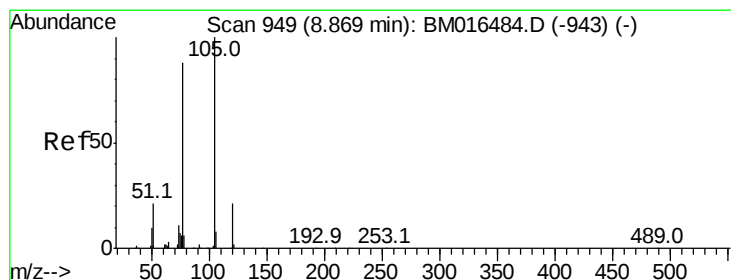
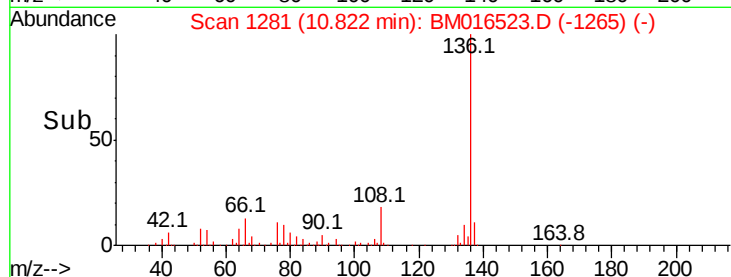
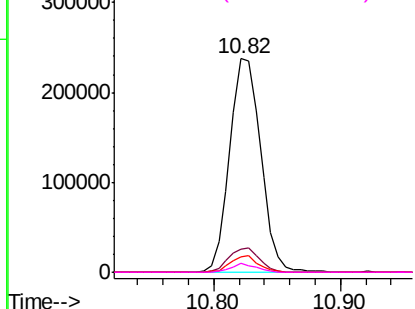
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

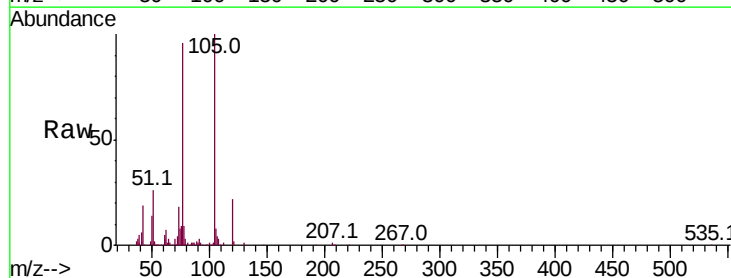
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22  
Acetophenone  
Concen: 37.363 ng  
RT: 8.86 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 363448 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.5   | 0.6   | 1.0#   |
| 51       | 25.6  | 21.6  | 32.4   |
| 120      | 21.6  | 16.1  | 24.1   |



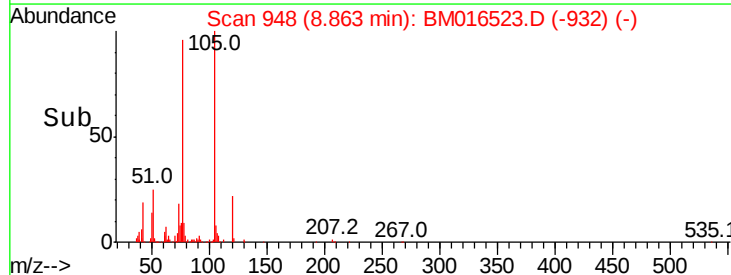
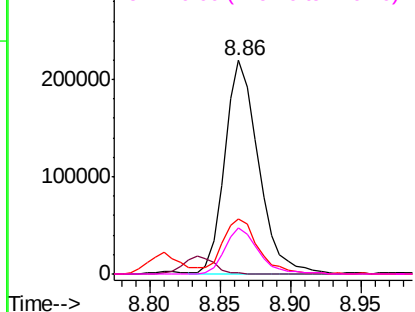
Abundance

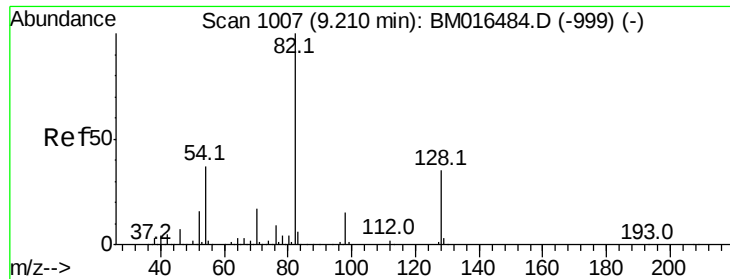
Ion 105.00 (104.70 to 105.70): E

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

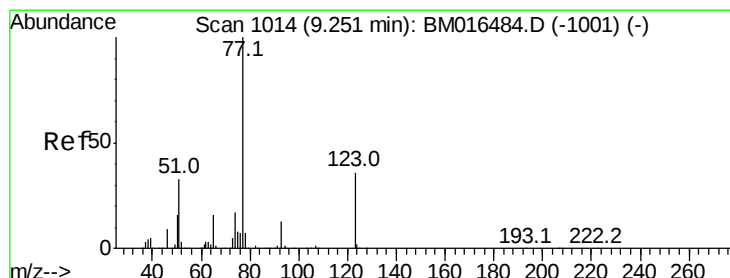
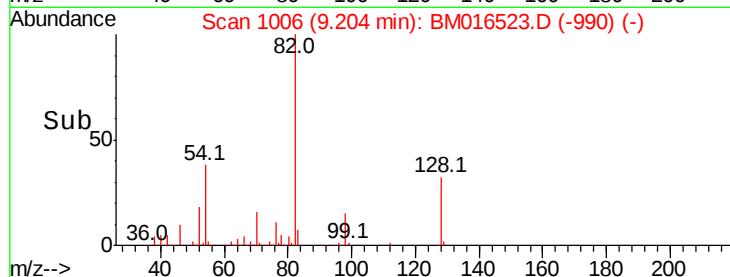
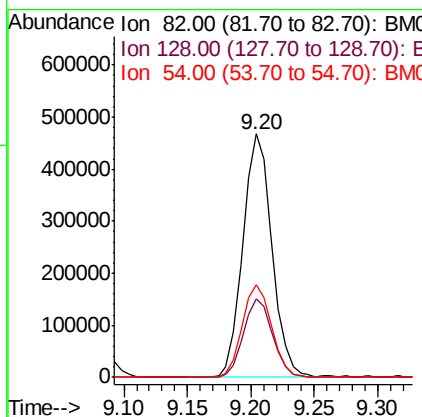
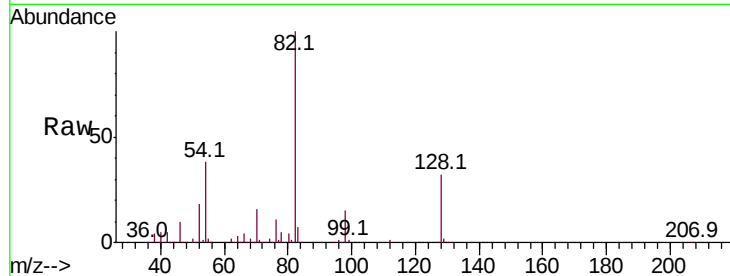




#23  
 Nitrobenzene-d5  
 Concen: 37.363 ng  
 RT: 9.20 min Scan# 1006  
 Delta R.T. -0.01 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

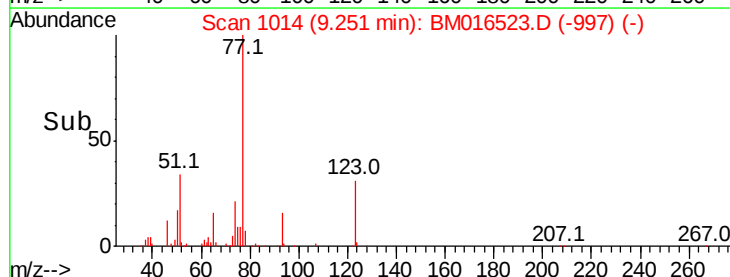
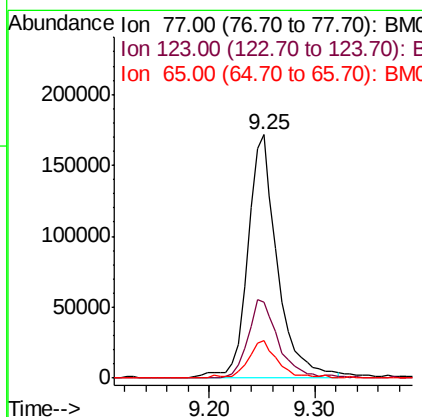
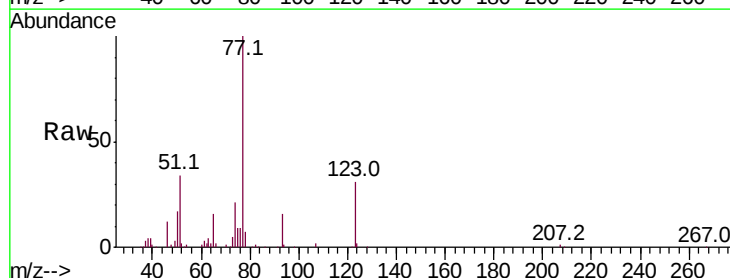
Instrument :  
 BNA\_M  
 ClientSampleId :

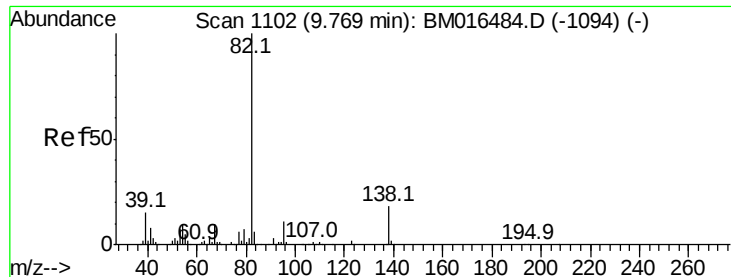
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 32.1  | 32.8  | 49.2# |
| 54      | 38.0  | 40.6  | 60.8# |



#24  
 Nitrobenzene  
 Concen: 37.977 ng  
 RT: 9.25 min Scan# 1014  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 31.4  | 32.6  | 49.0# |
| 65      | 15.6  | 10.9  | 16.3  |





#25

Isophorone

Concen: 38.374 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

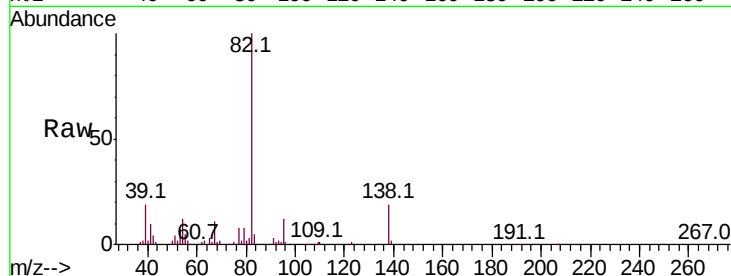
Tot Ion: 82 Resp: 453765

Ion Ratio Lower Upper

82 100

95 12.0 5.8 8.6#

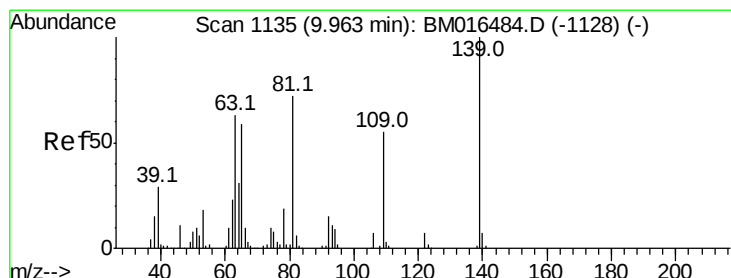
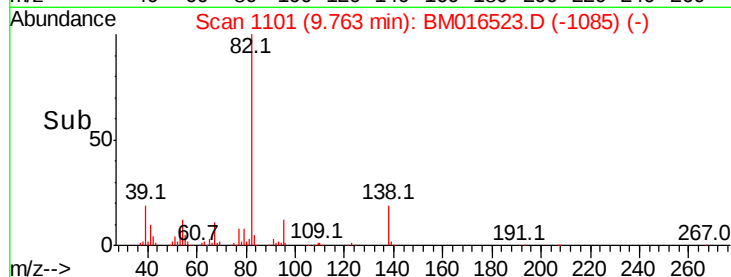
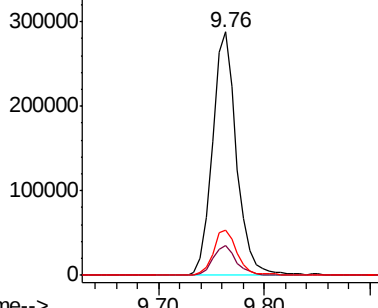
138 18.8 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016484.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016484.D (-1094) (-)



#26

2-Nitrophenol

Concen: 37.967 ng

RT: 9.96 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

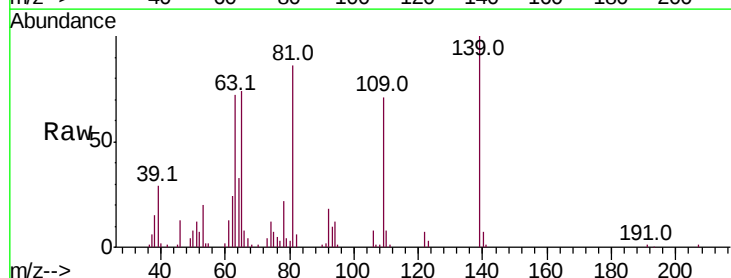
Tgt Ion: 139 Resp: 143481

Ion Ratio Lower Upper

139 100

109 71.4 20.1 30.1#

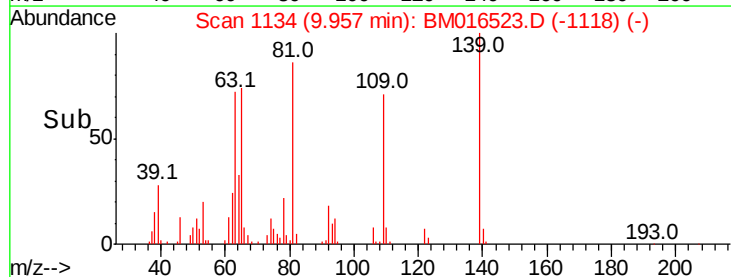
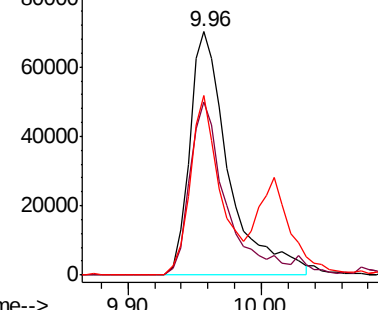
65 73.7 31.5 47.3#

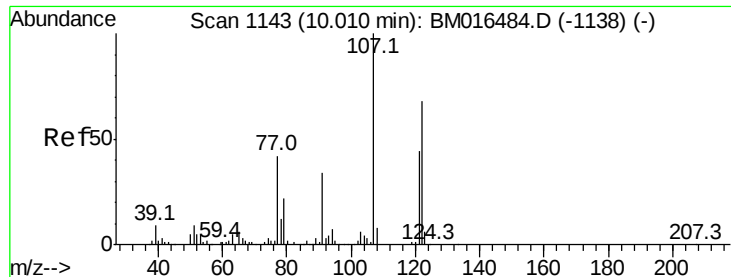


Abundance Ion 139.00 (138.70 to 139.70): BM016484.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016484.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016484.D (-1128) (-)

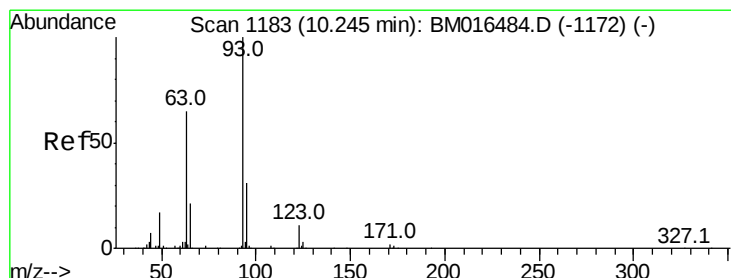
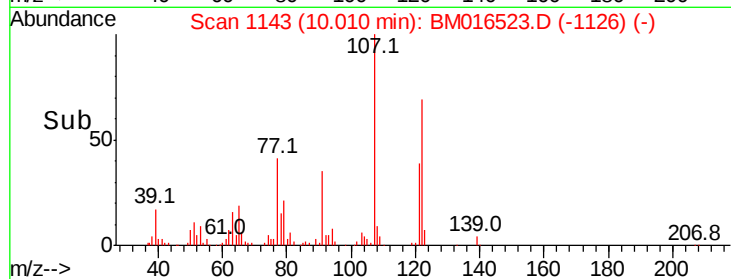
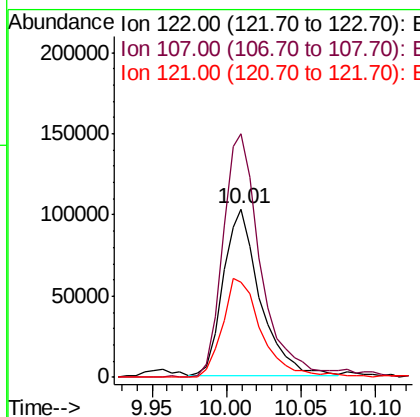
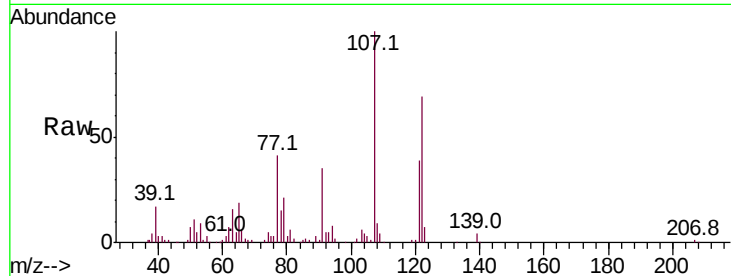




#27  
 2,4-Dimethylphenol  
 Concen: 36.301 ng  
 RT: 10.01 min Scan# 1143  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

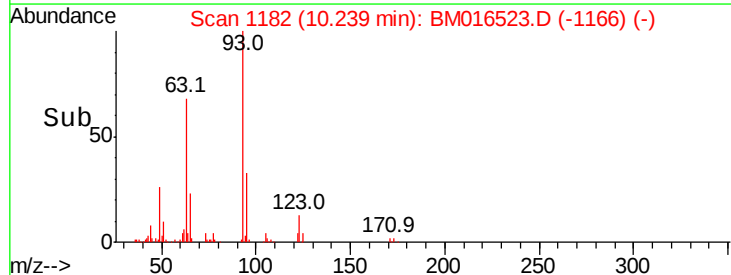
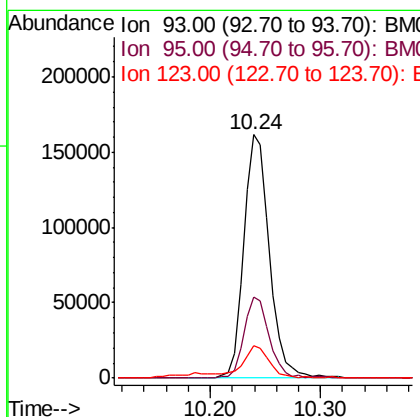
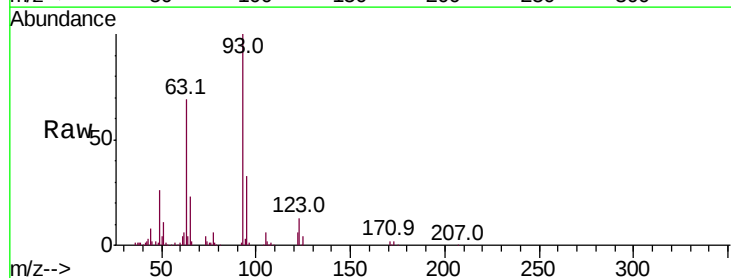
Instrument :  
 BNA\_M  
 ClientSampleId :

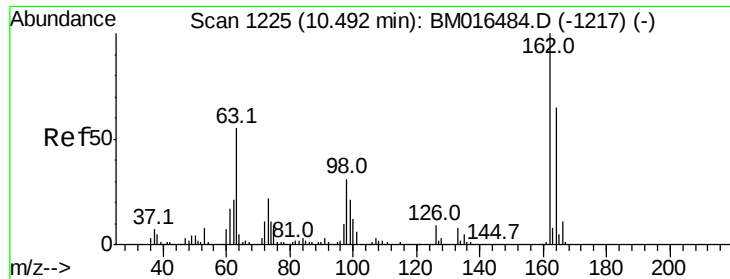
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 144.6 | 84.7  | 127.1# |
| 121     | 56.8  | 46.6  | 69.8   |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.442 ng  
 RT: 10.24 min Scan# 1182  
 Delta R.T. -0.01 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 25.5  | 38.3  |
| 123     | 13.2  | 8.6   | 13.0# |





#29

2,4-Dichlorophenol

Concen: 45.285 ng

RT: 10.49 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

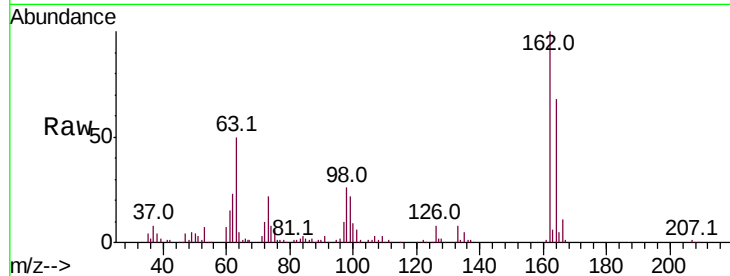
Tot Ion:162 Resp: 333788

Ion Ratio Lower Upper

162 100

164 67.9 42.8 82.8

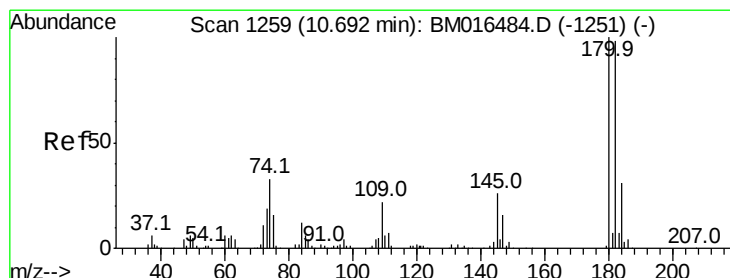
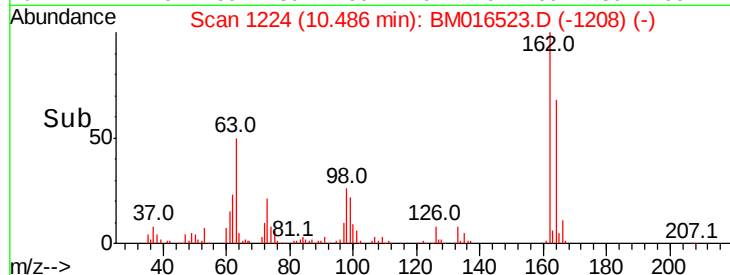
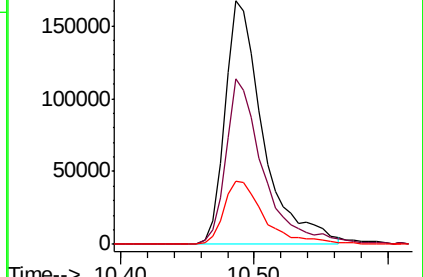
98 25.9 14.5 54.5



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: 48.518 ng

RT: 10.69 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

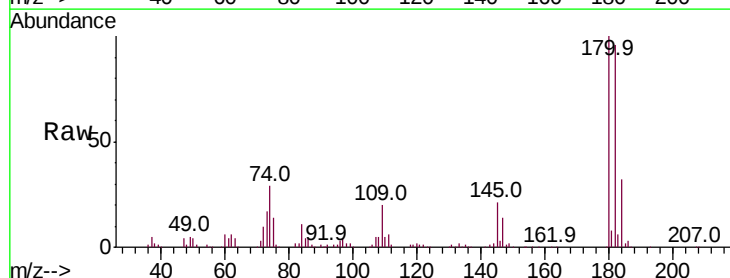
Tgt Ion:180 Resp: 542648

Ion Ratio Lower Upper

180 100

182 95.8 77.6 116.4

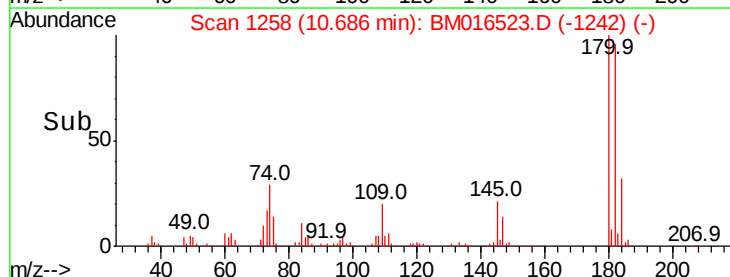
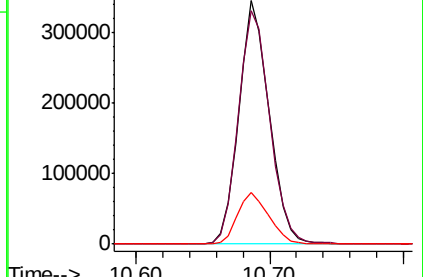
145 21.2 23.4 35.2#

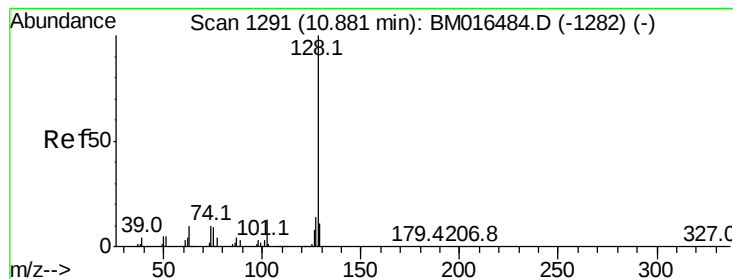


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.432 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

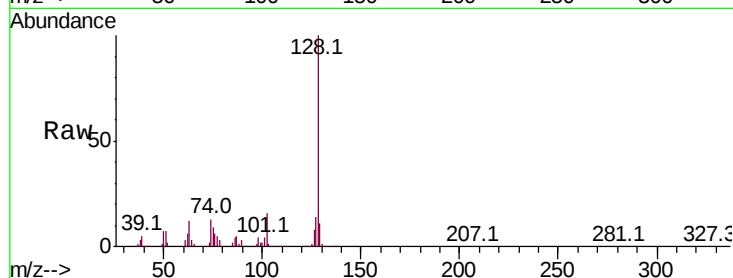
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:128 Resp: 739687

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.5  | 8.9   | 13.3  |
| 127 | 13.9  | 10.4  | 15.6  |

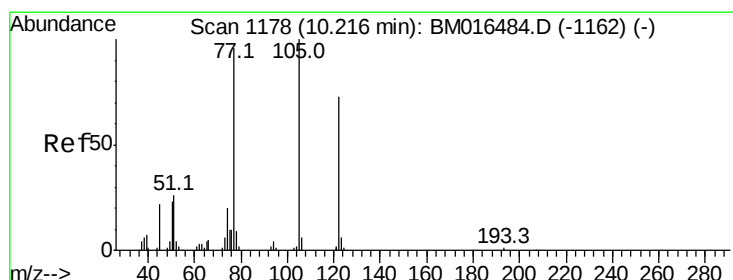
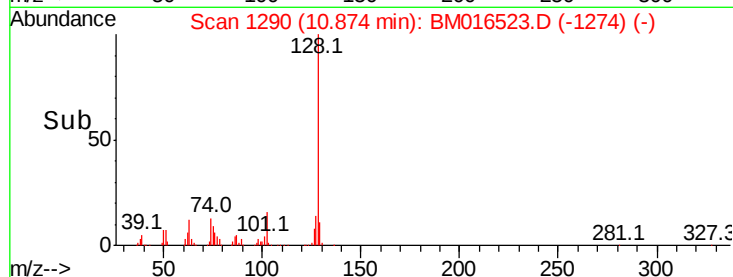
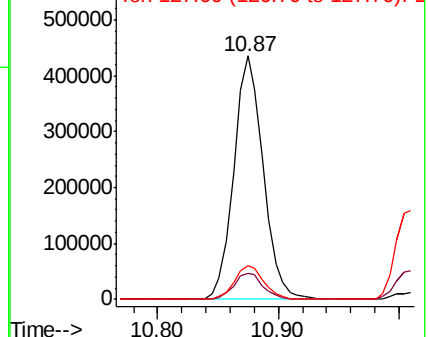


Abundance

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: 30.812 ng

RT: 10.21 min Scan# 1177

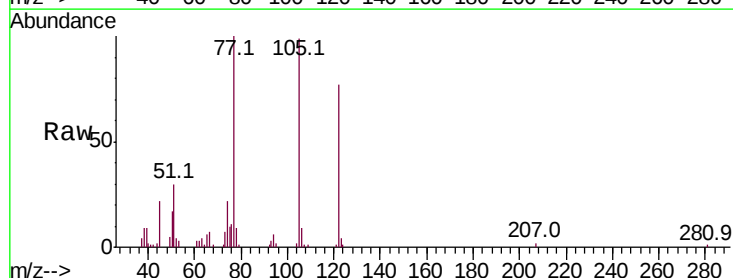
Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Tgt Ion:122 Resp: 126967

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 122 | 100   |       |        |
| 105 | 128.4 | 99.9  | 139.9  |
| 77  | 129.3 | 73.7  | 113.7# |

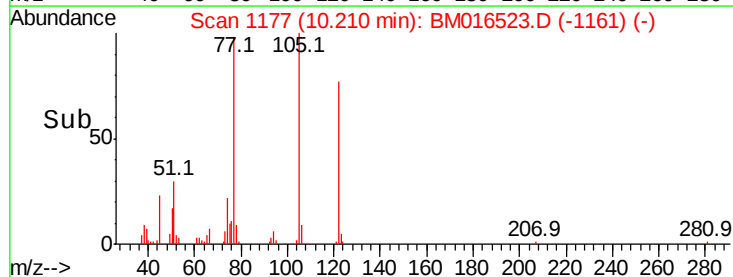
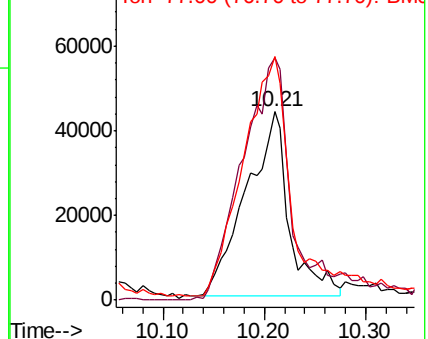


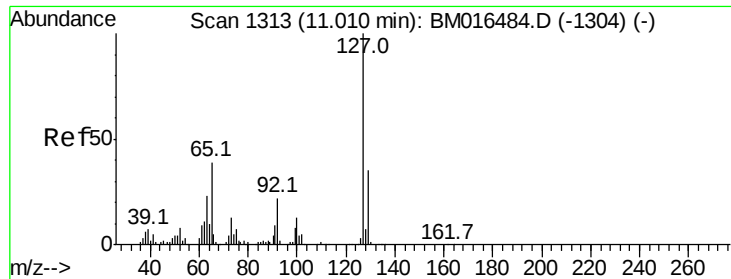
Abundance

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

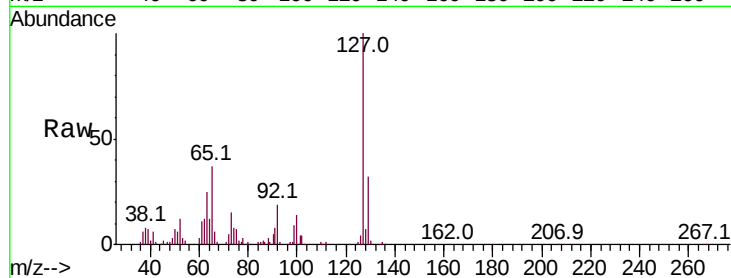




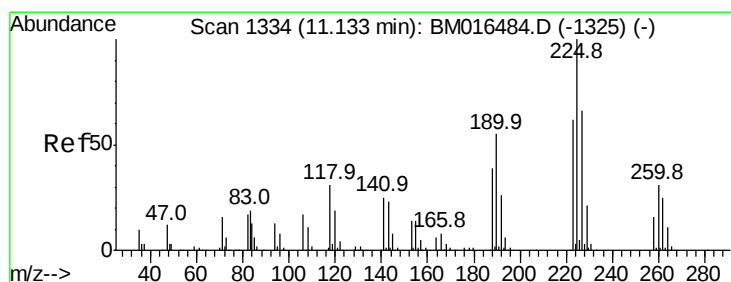
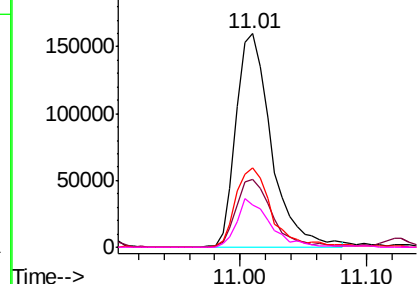
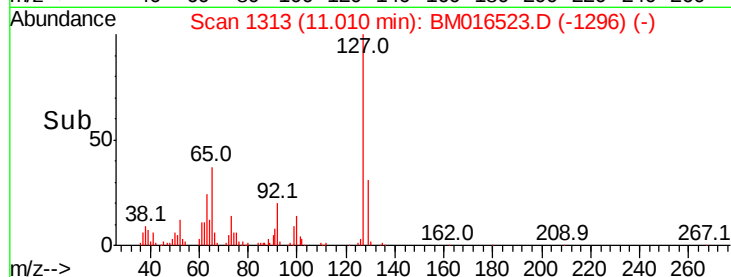
#33  
4-Chloroaniline  
Concen: 38.104 ng  
RT: 11.01 min Scan# 1313  
Delta R.T. -0.00 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Instrument :  
BNA\_M  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 308640 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.3  | 37.9   |
| 65       | 37.4  | 17.6  | 26.4   |
| 92       | 19.5  | 13.1  | 19.7   |

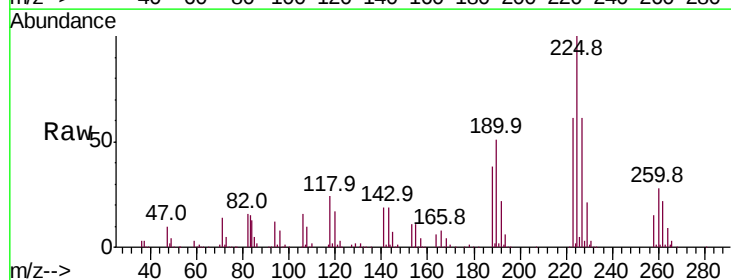


Abundance Ion 127.00 (126.70 to 127.70): E  
250000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

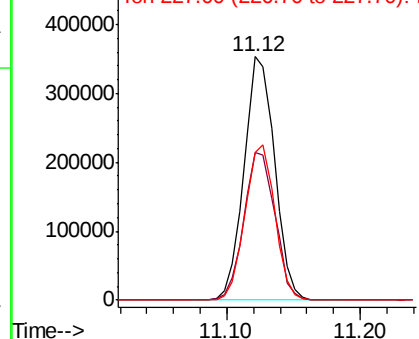
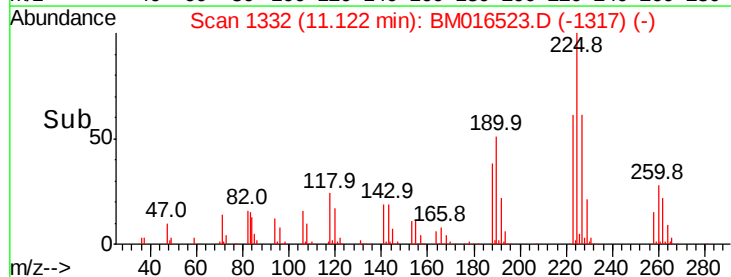


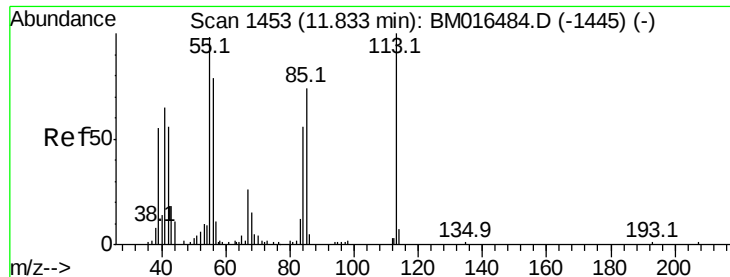
#34  
Hexachlorobutadiene  
Concen: 52.389 ng  
RT: 11.12 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 559256 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.8  | 47.9  | 71.9   |
| 227      | 60.8  | 50.1  | 75.1   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

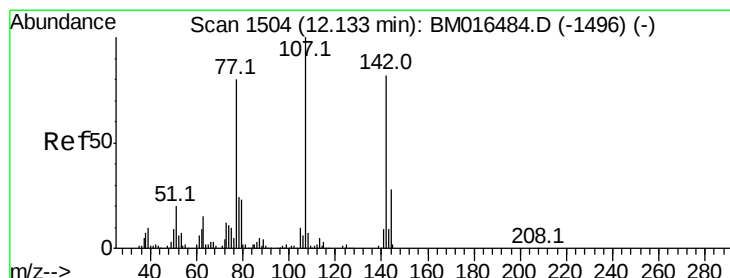
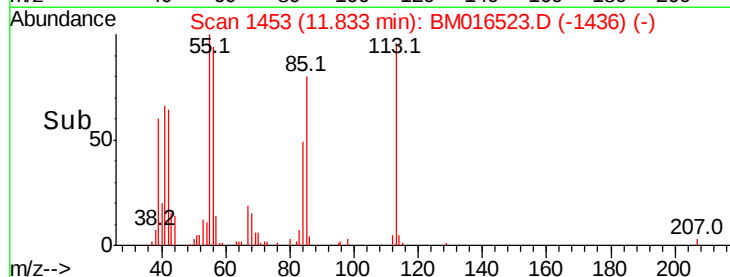
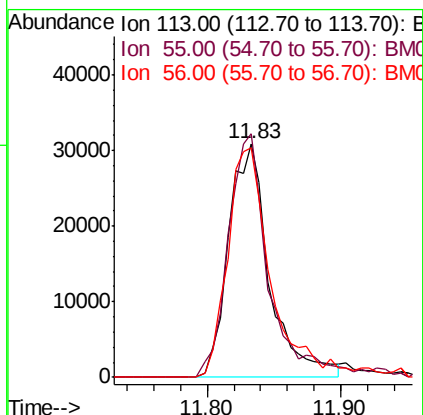
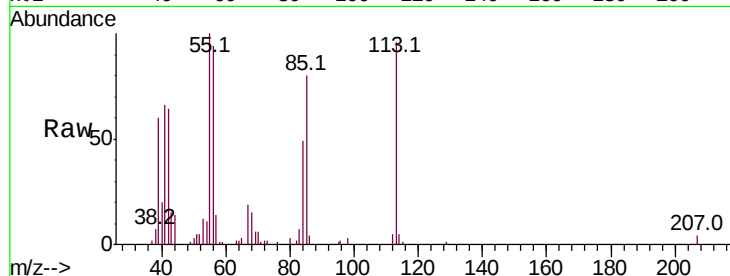




#35  
 Caprolactam  
 Concen: 37.231 ng  
 RT: 11.83 min Scan# 1453  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

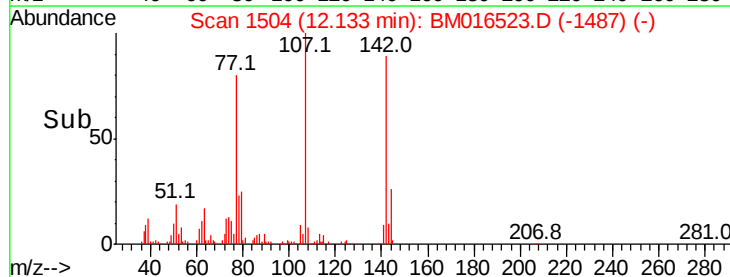
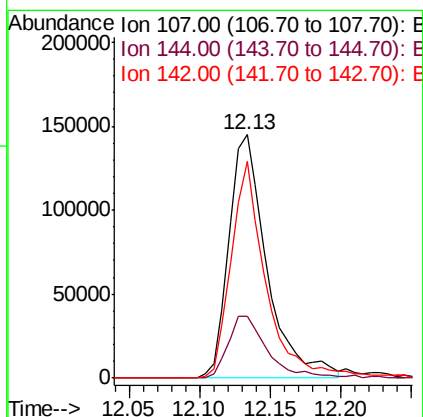
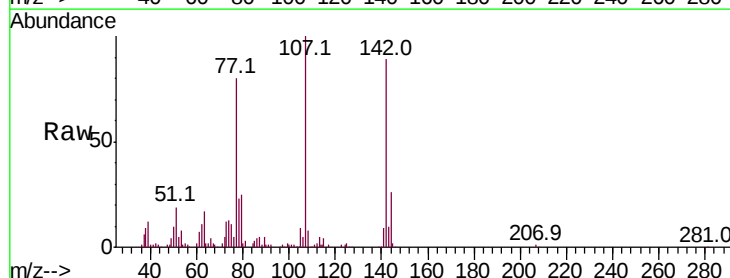
Instrument :  
 BNA\_M  
 ClientSampleId :

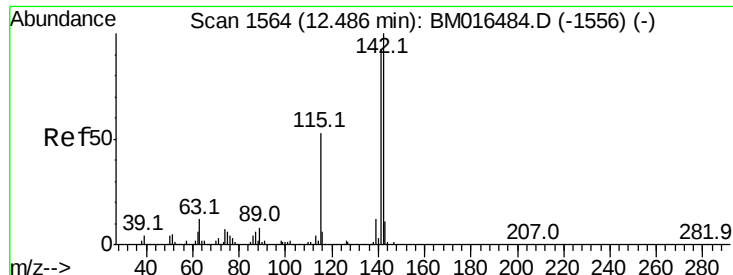
Tot Ion:113 Resp: 65850  
 Ion Ratio Lower Upper  
 113 100  
 55 104.1 145.9 185.9#  
 56 98.2 101.0 141.0#



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.419 ng  
 RT: 12.13 min Scan# 1504  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

Tgt Ion:107 Resp: 272241  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 23.3 34.9  
 142 88.8 72.6 109.0

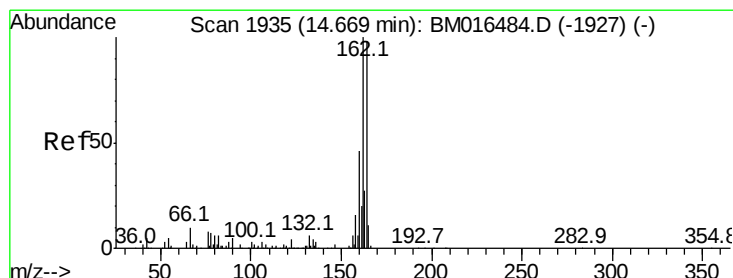
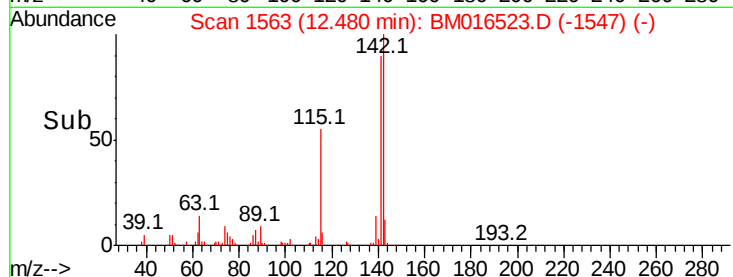
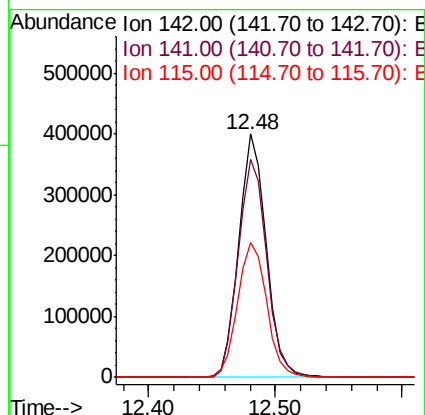
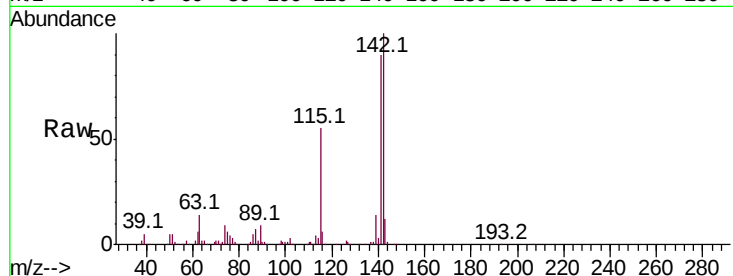




#37  
2-Methylnaphthalene  
Concen: 39.849 ng  
RT: 12.48 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

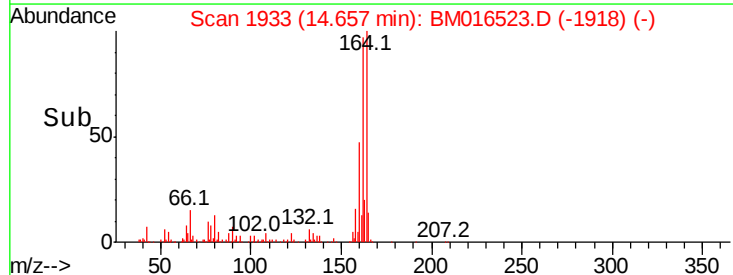
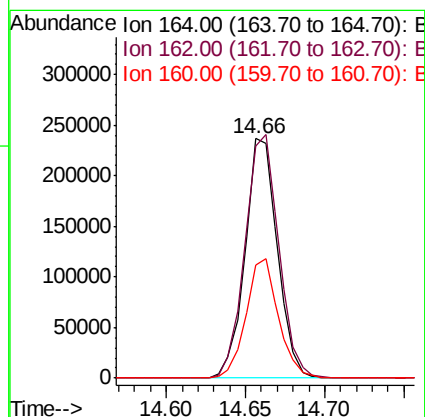
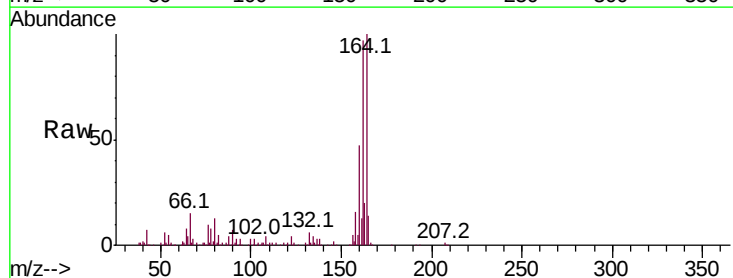
Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 71.9  | 107.9 |
| 115     | 55.3  | 25.4  | 38.0  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.66 min Scan# 1933  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 97.0  | 82.4  | 123.6 |
| 160     | 47.2  | 35.8  | 53.6  |

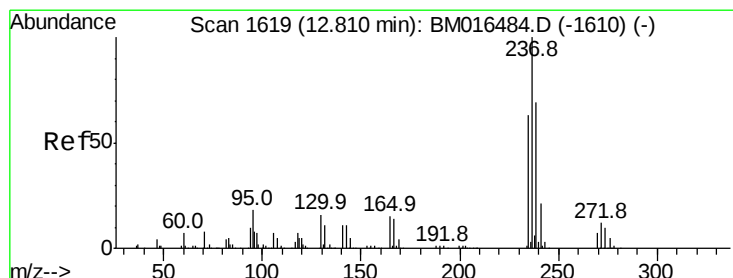
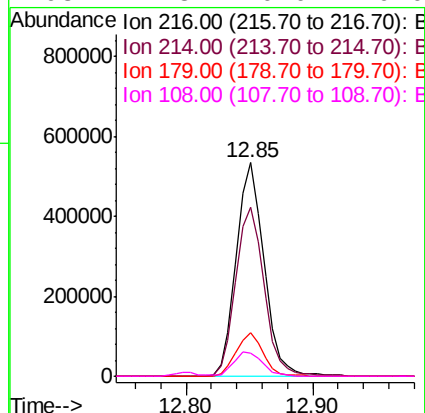
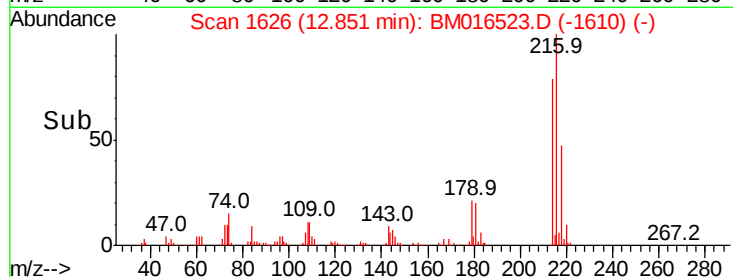
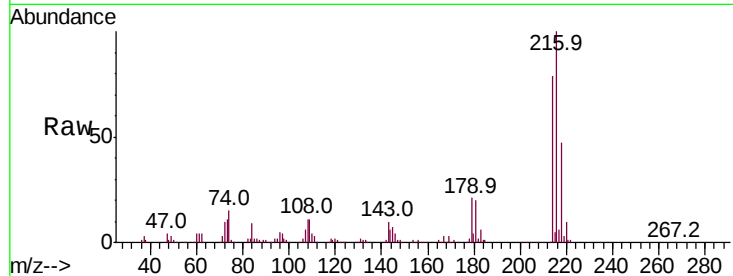




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.032 ng  
 RT: 12.85 min Scan# 1626  
 Delta R.T. -0.01 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

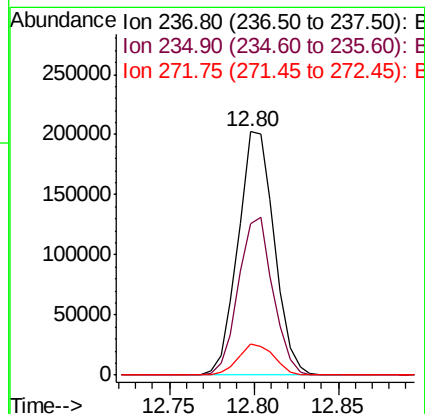
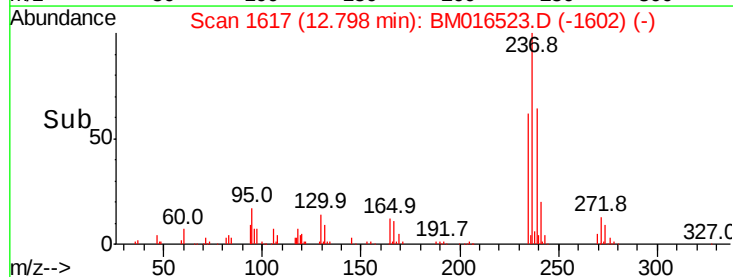
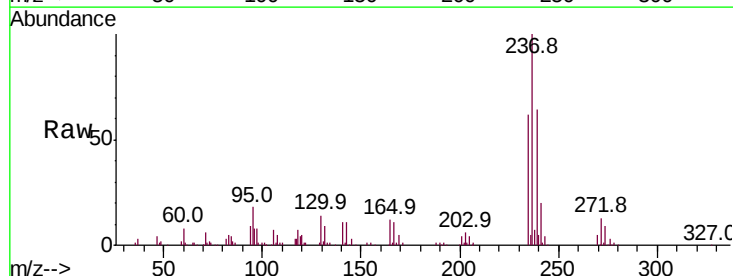
Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 812621 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.3  | 0.0   | 0.0#   |
| 179      | 19.9  | 0.0   | 0.0#   |
| 108      | 11.8  | 0.0   | 0.0#   |



#40  
 Hexachlorocyclopentadiene  
 Concen: 44.035 ng  
 RT: 12.80 min Scan# 1617  
 Delta R.T. -0.01 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 302628 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 62.3  | 42.0  | 82.0   |
| 272      | 12.7  | 0.0   | 33.4   |

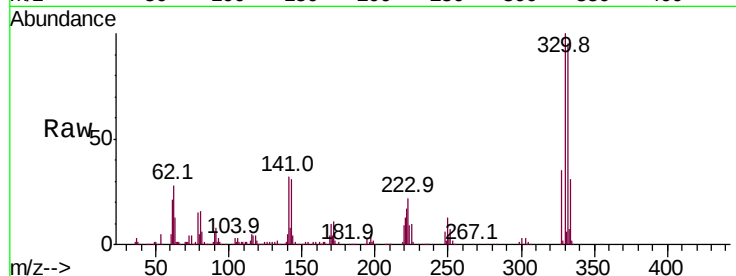




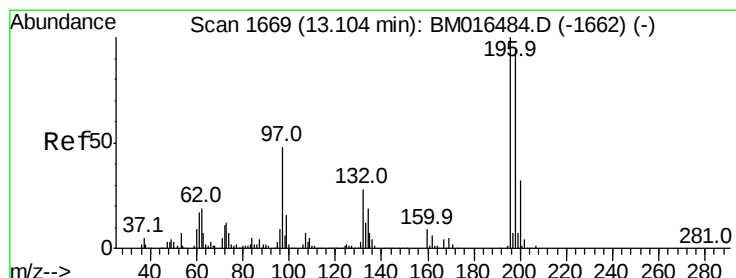
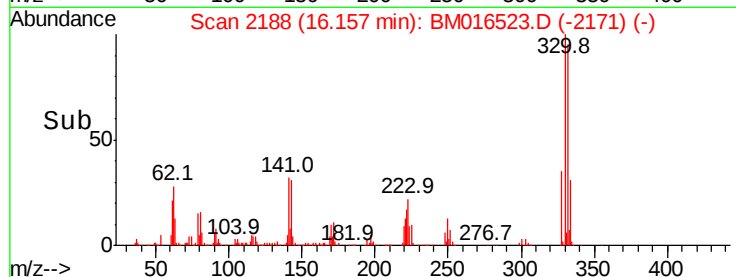
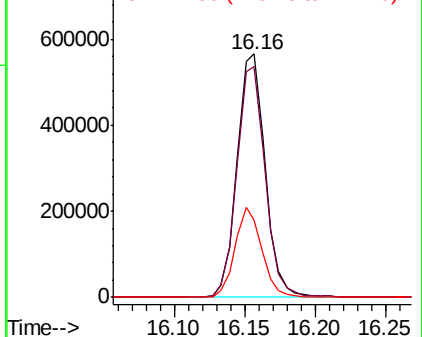
#41  
 2,4,6-Tribromophenol  
 Concen: 44.035 ng  
 RT: 16.16 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.6  | 0.0   | 0.0#  |
| 141     | 35.2  | 0.0   | 0.0#  |

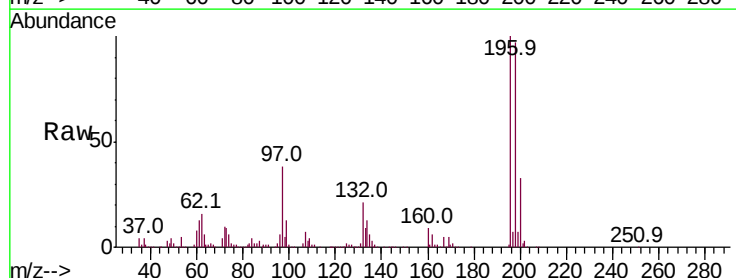


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

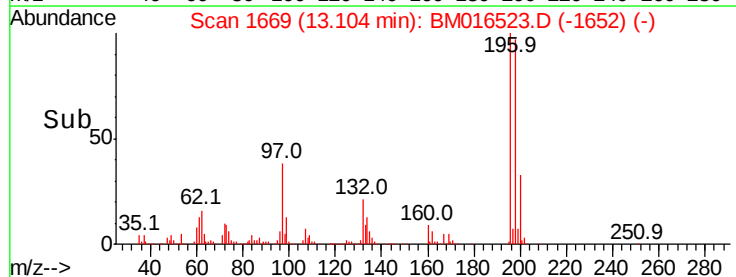
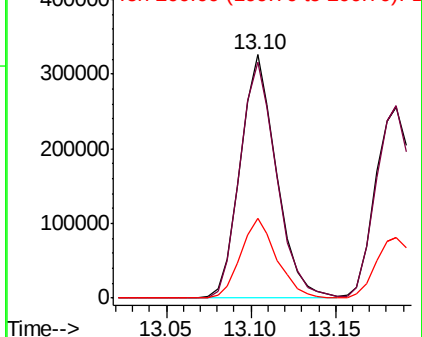


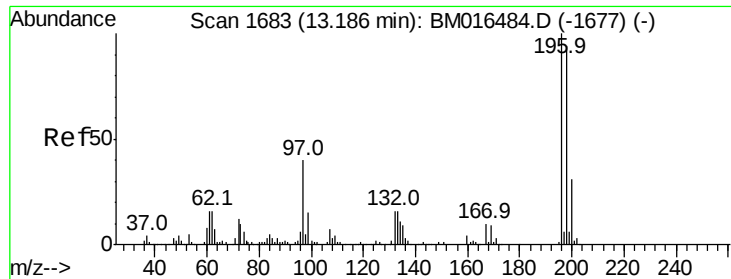
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.989 ng  
 RT: 13.10 min Scan# 1669  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.9  | 76.3  | 114.5 |
| 200     | 32.9  | 25.6  | 38.4  |



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

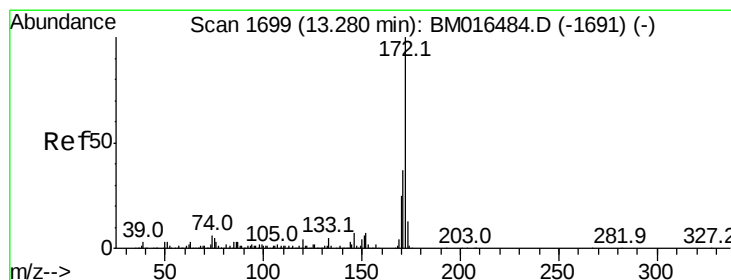
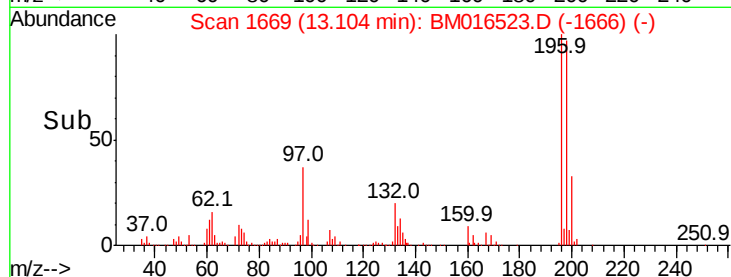
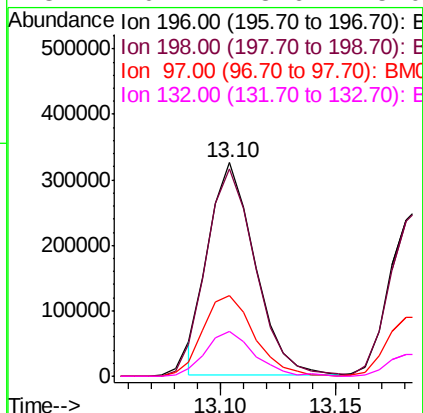
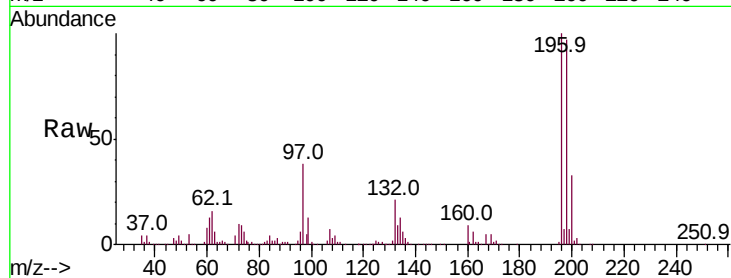




#43  
 2,4,5-Trichlorophenol  
 Concen: 40.939 ng  
 RT: 13.10 min Scan# 1669  
 Delta R.T. -0.08 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

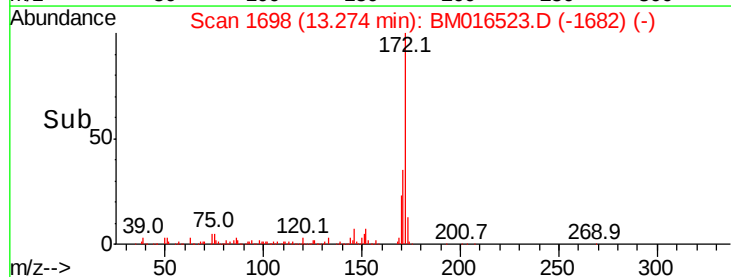
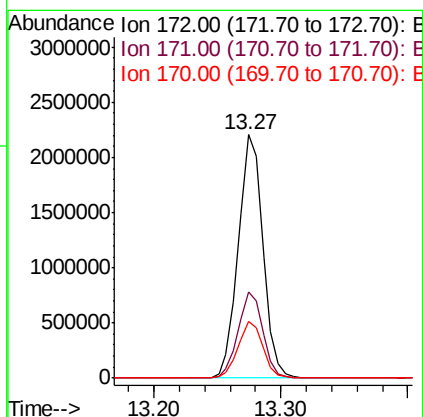
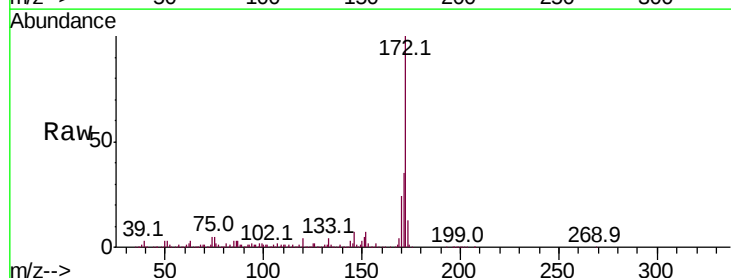
Instrument :  
 BNA\_M  
 ClientSampled :

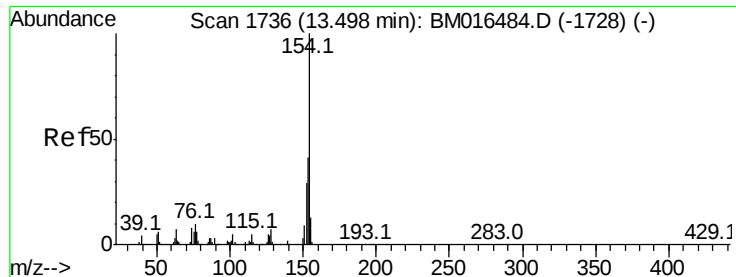
Tot Ion:196 Resp: 451588  
 Ion Ratio Lower Upper  
 196 100  
 198 96.9 79.4 119.0  
 97 37.5 26.8 40.2  
 132 20.7 18.6 28.0



#44  
 2-Fluorobiphenyl  
 Concen: 40.939 ng  
 RT: 13.27 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

Tgt Ion:172 Resp: 2958698  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.5 42.7  
 170 23.5 18.8 28.2





#45

1,1'-Biphenyl

Concen: 34.967 ng

RT: 13.49 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

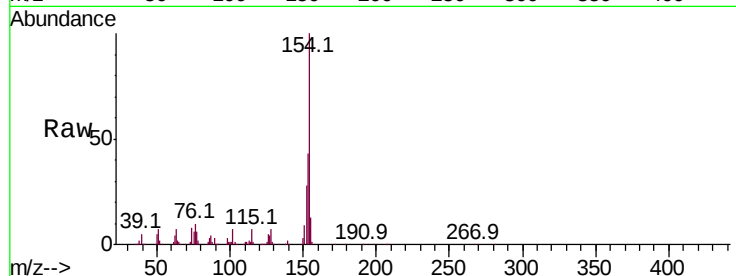
Tot Ion:154 Resp: 1025178

Ion Ratio Lower Upper

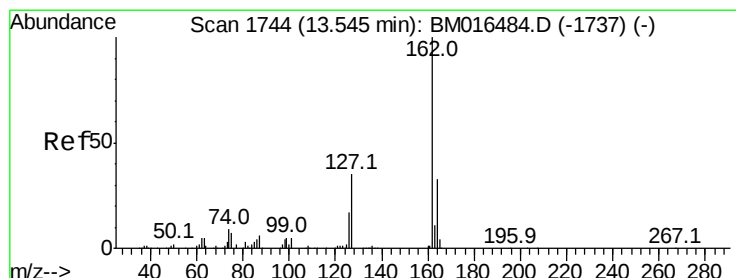
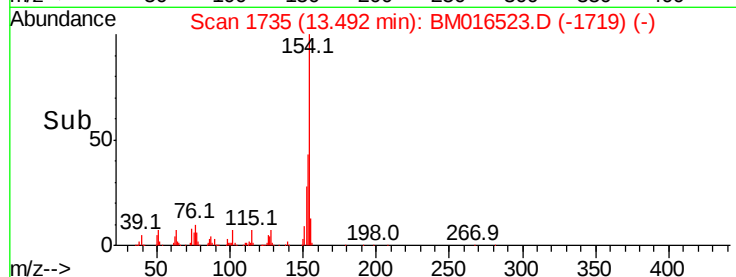
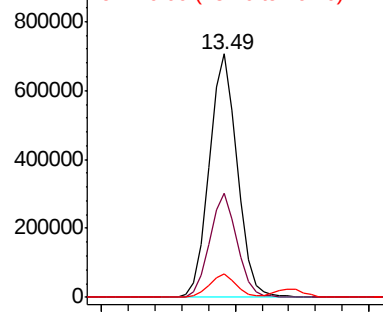
154 100

153 42.9 20.7 60.7

76 9.6 0.0 30.9



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



#46

2-Chloronaphthalene

Concen: 37.087 ng

RT: 13.54 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

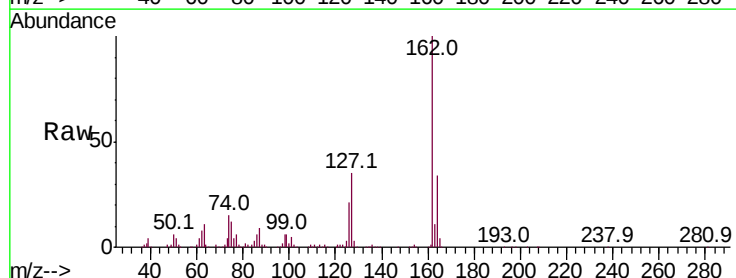
Tgt Ion:162 Resp: 883384

Ion Ratio Lower Upper

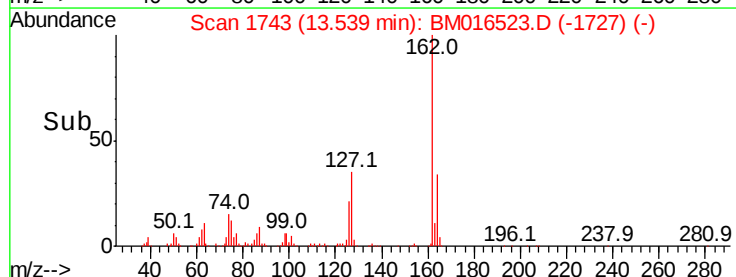
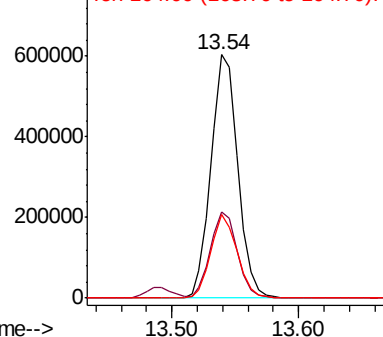
162 100

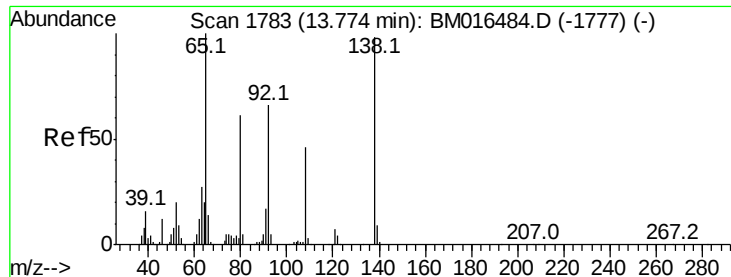
127 35.4 26.9 40.3

164 34.1 26.8 40.2



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

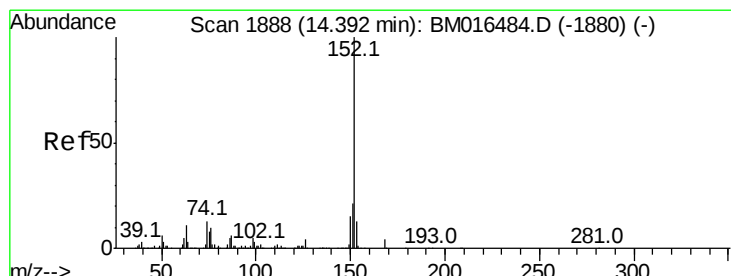
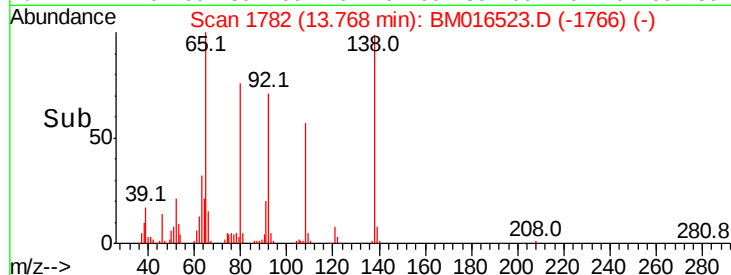
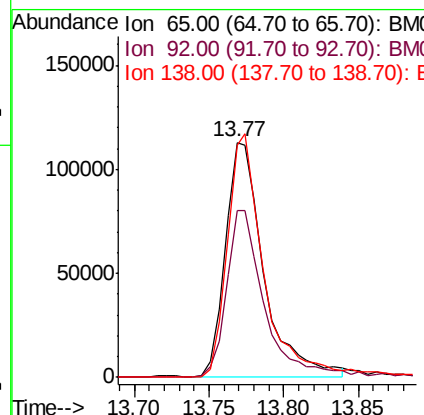
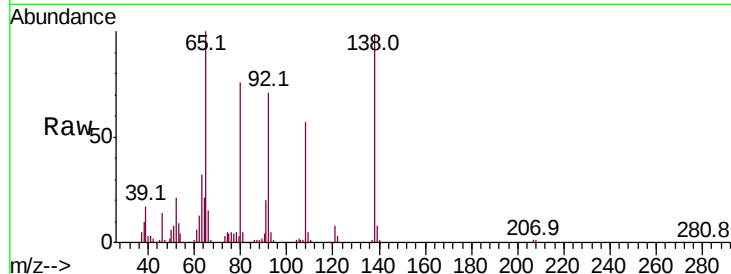




#47  
2-Nitroaniline  
Concen: 32.324 ng  
RT: 13.77 min Scan# 1782  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

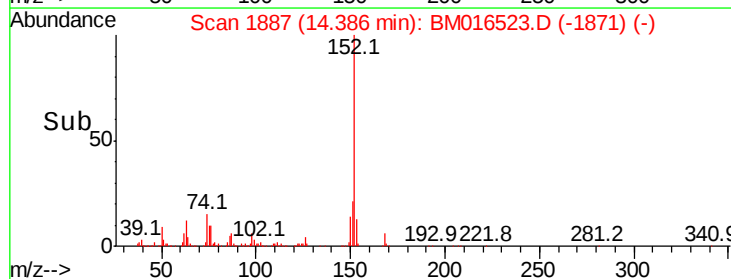
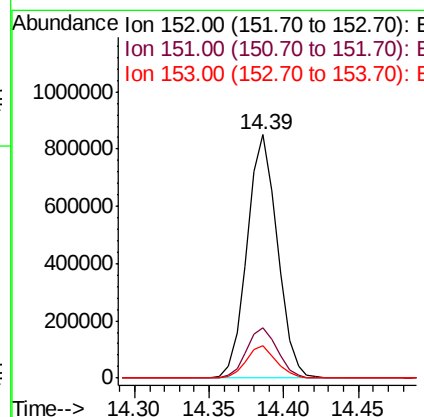
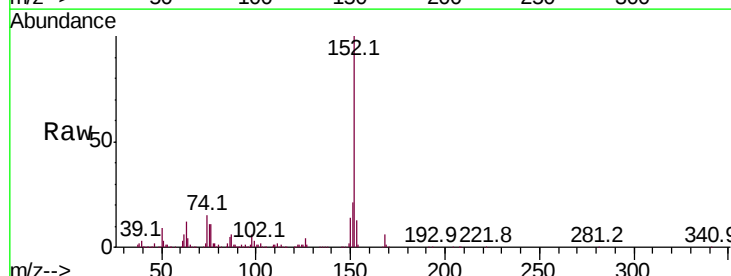
Instrument :  
BNA\_M  
ClientSampleId :

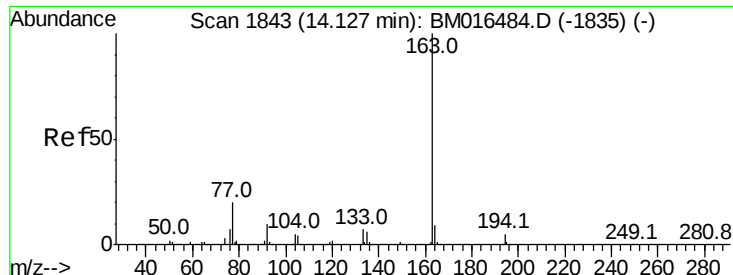
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.9  | 59.1  | 88.7  |
| 138     | 99.0  | 93.9  | 140.9 |



#48  
Acenaphthylene  
Concen: 35.584 ng  
RT: 14.39 min Scan# 1887  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.9  | 15.9  | 23.9  |
| 153     | 13.1  | 10.6  | 16.0  |





#49

Dimethylphthalate

Concen: 38.341 ng

RT: 14.12 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

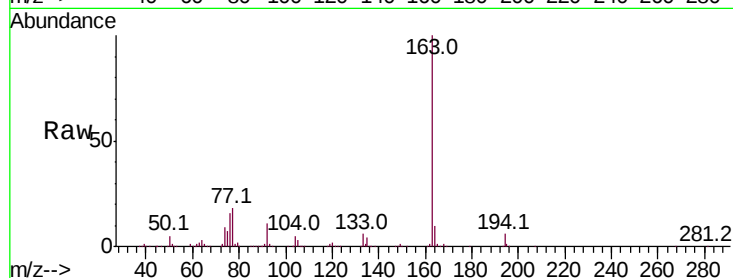
Tot Ion:163 Resp: 1231658

Ion Ratio Lower Upper

163 100

194 5.9 2.7 4.1#

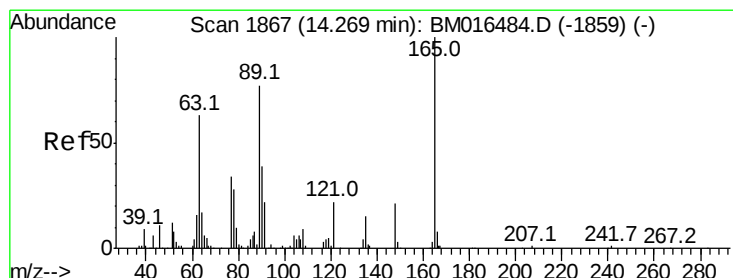
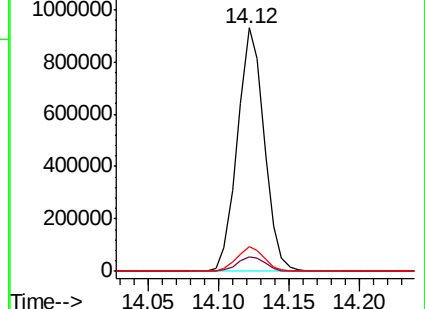
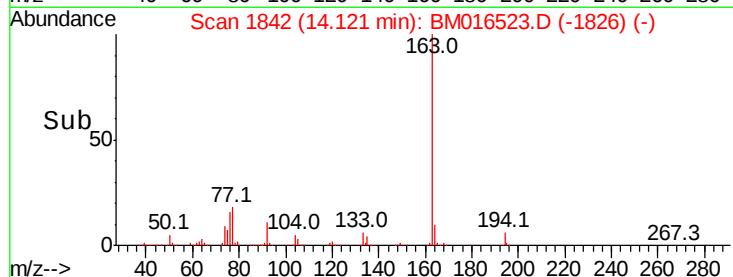
164 10.1 8.2 12.2



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: 40.272 ng

RT: 14.26 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

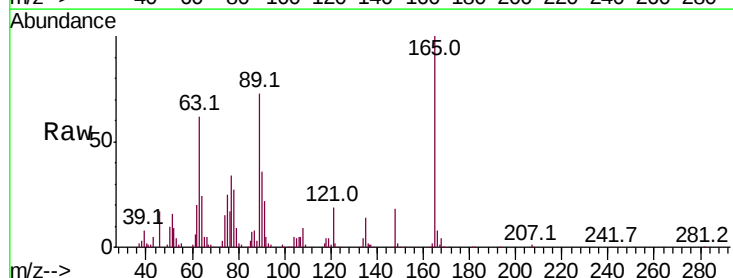
Tgt Ion:165 Resp: 252334

Ion Ratio Lower Upper

165 100

63 61.7 44.1 66.1

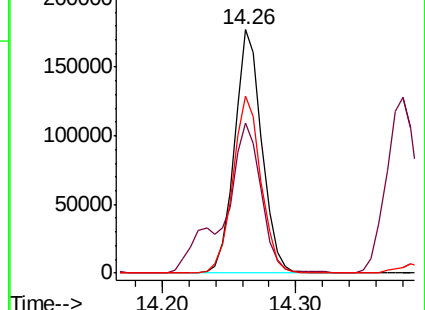
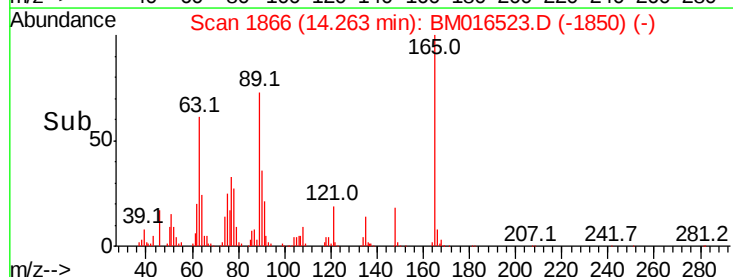
89 72.9 44.3 66.5#

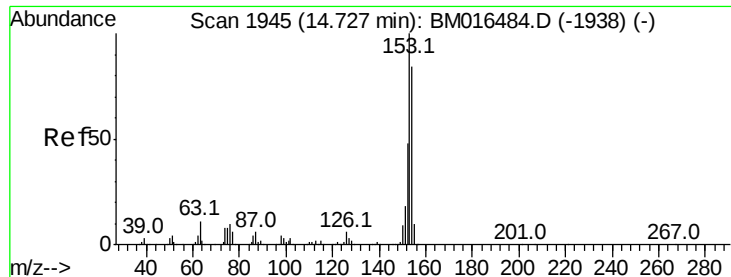


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 36.048 ng

RT: 14.72 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

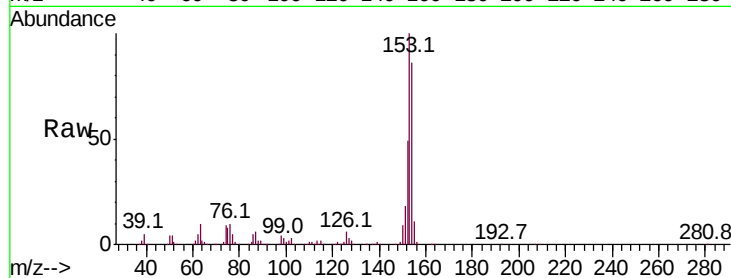
Tot Ion:154 Resp: 744613

Ion Ratio Lower Upper

154 100

153 116.6 90.0 135.0

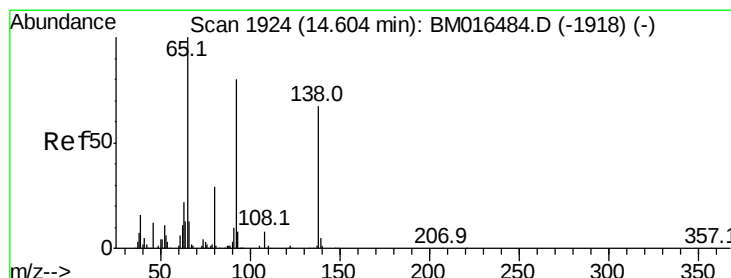
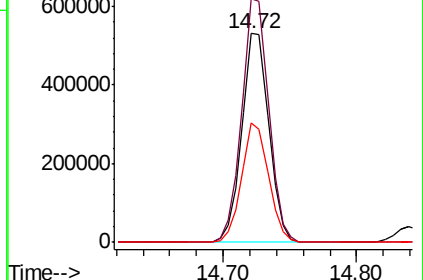
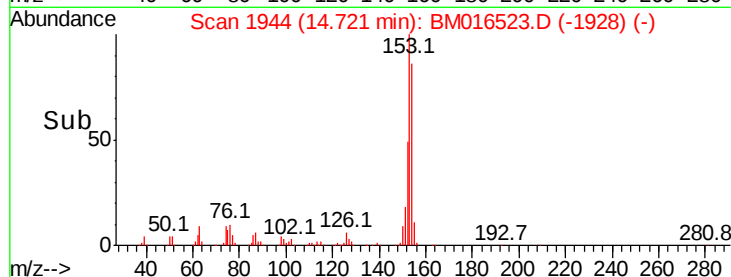
152 57.5 42.6 63.8



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: 33.198 ng

RT: 14.60 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

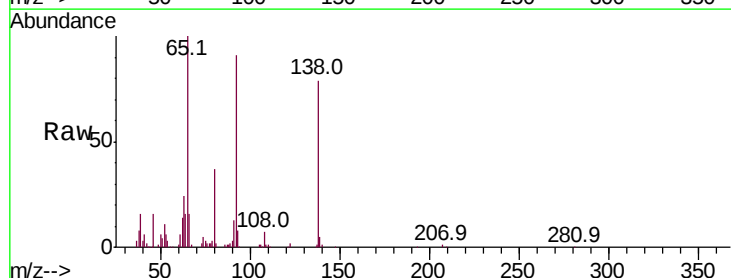
Tgt Ion:138 Resp: 189267

Ion Ratio Lower Upper

138 100

108 8.5 7.3 10.9

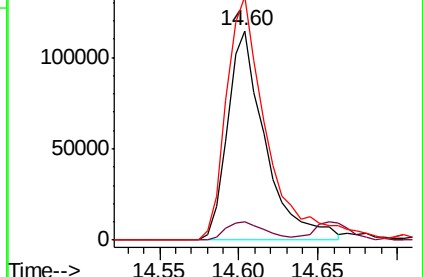
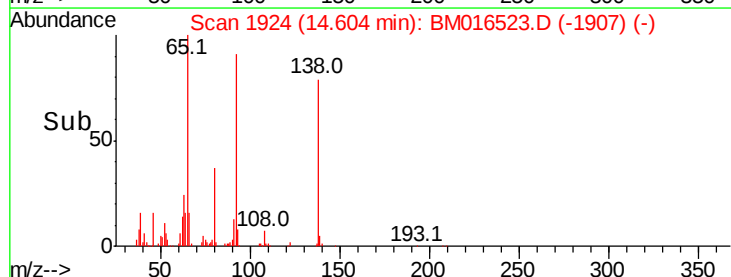
92 116.2 76.6 114.8#

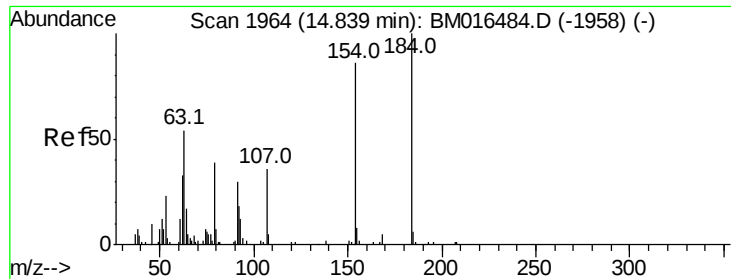


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

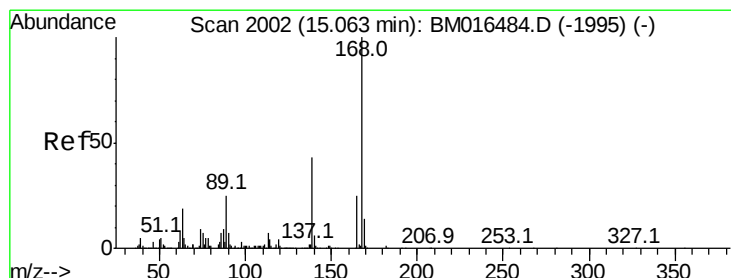
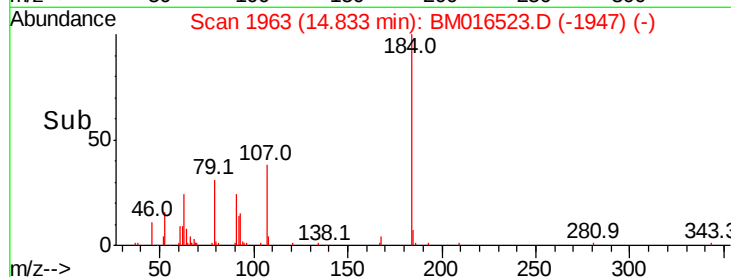
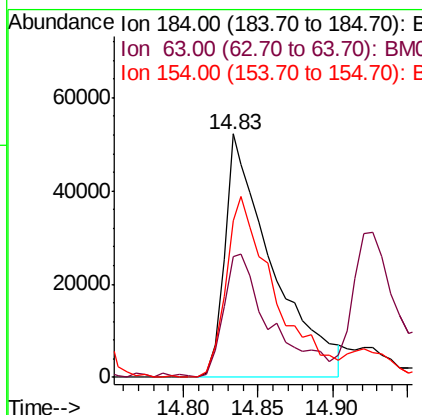
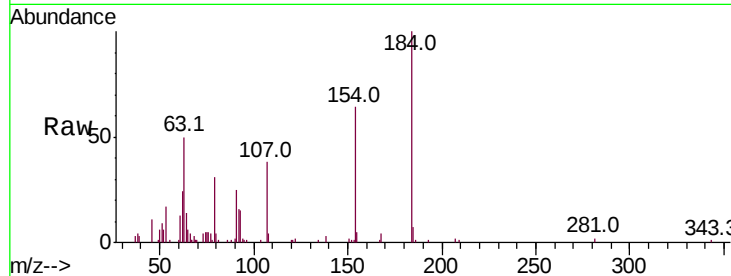




#53  
2,4-Dinitrophenol  
Concen: 37.061 ng  
RT: 14.83 min Scan# 1963  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

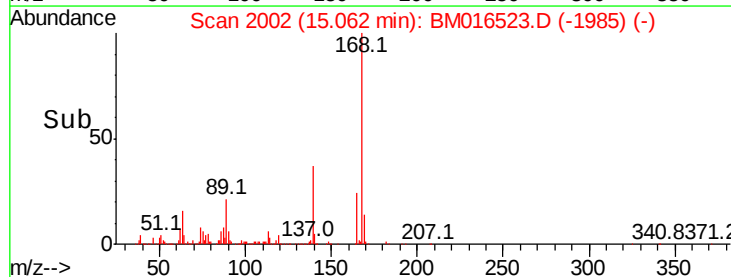
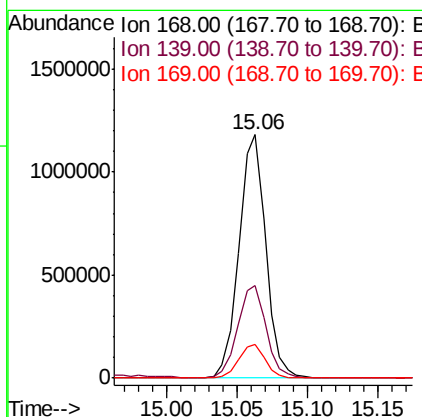
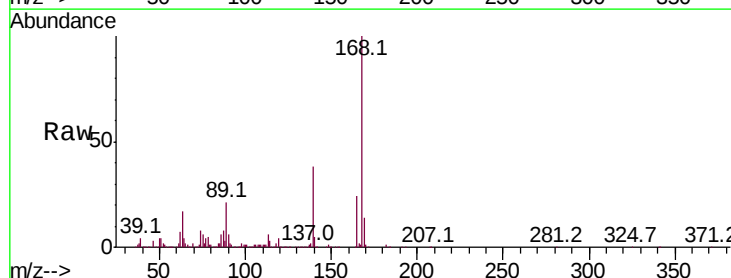
Instrument :  
BNA\_M  
ClientSampleId :

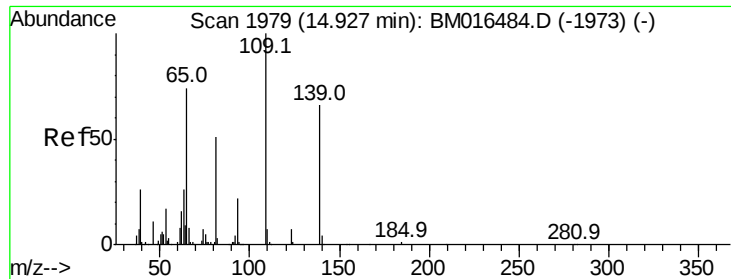
Tot Ion:184 Resp: 116208  
Ion Ratio Lower Upper  
184 100  
63 49.7 69.2 103.8#  
154 64.3 53.3 79.9



#54  
Dibenzofuran  
Concen: 39.589 ng  
RT: 15.06 min Scan# 2002  
Delta R.T. -0.00 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Tgt Ion:168 Resp: 1565461  
Ion Ratio Lower Upper  
168 100  
139 37.9 27.3 40.9  
169 13.8 10.6 16.0

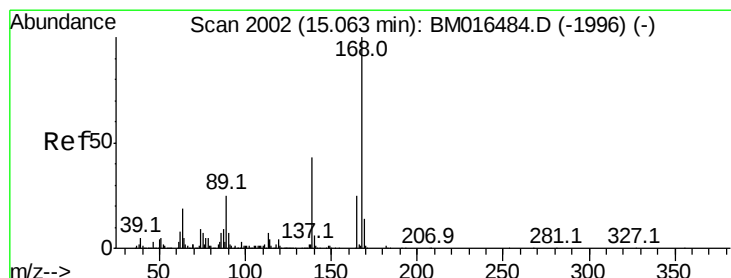
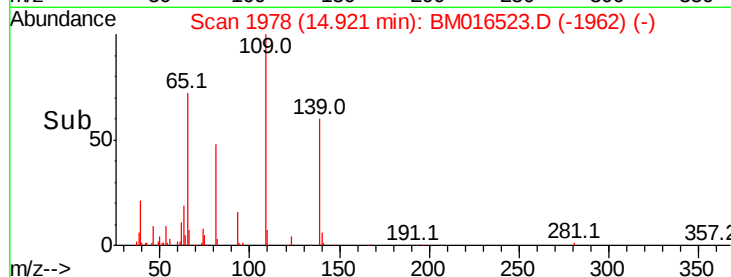
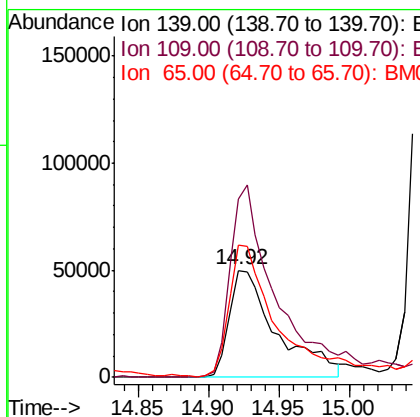
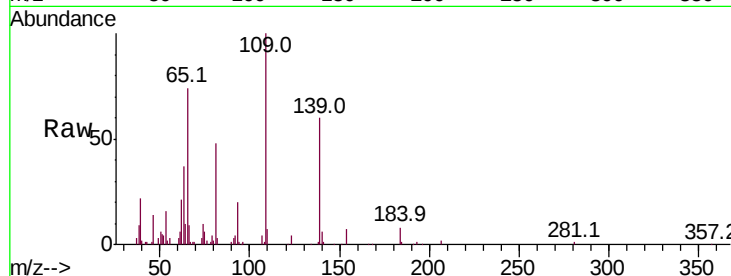




#55  
4-Nitrophenol  
Concen: 32.389 ng  
RT: 14.92 min Scan# 1978  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

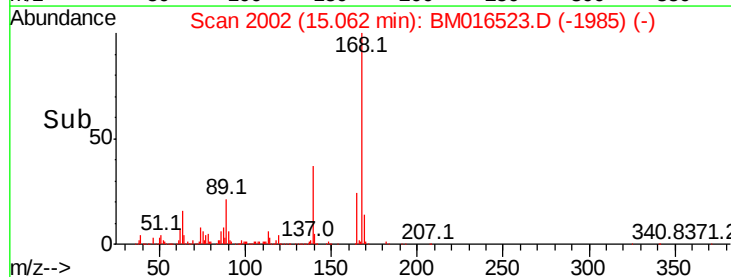
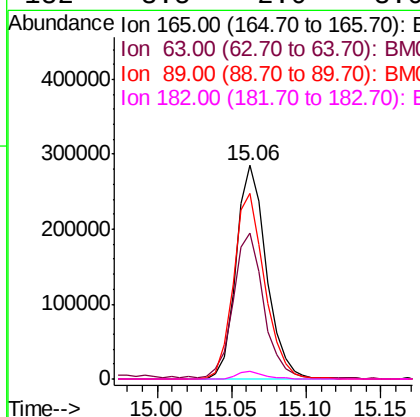
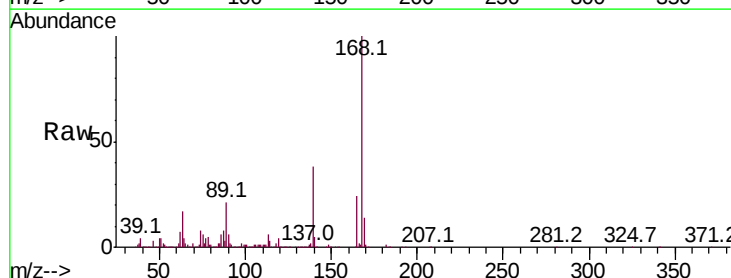
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:139 Resp: 117776  
Ion Ratio Lower Upper  
139 100  
109 166.2 130.0 170.0  
65 122.9 130.0 170.0#



#56  
2,4-Dinitrotoluene  
Concen: 38.655 ng  
RT: 15.06 min Scan# 2002  
Delta R.T. -0.00 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Tgt Ion:165 Resp: 403870  
Ion Ratio Lower Upper  
165 100  
63 68.4 52.4 78.6  
89 86.9 72.4 108.6  
182 3.5 2.0 3.0#

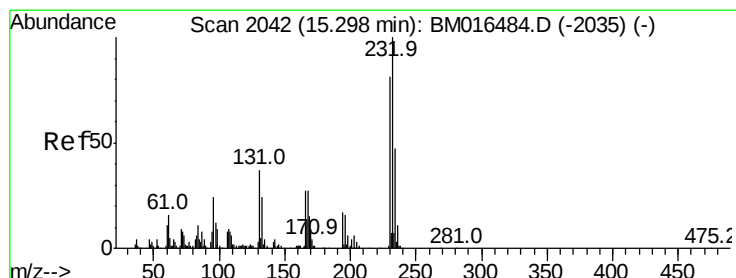
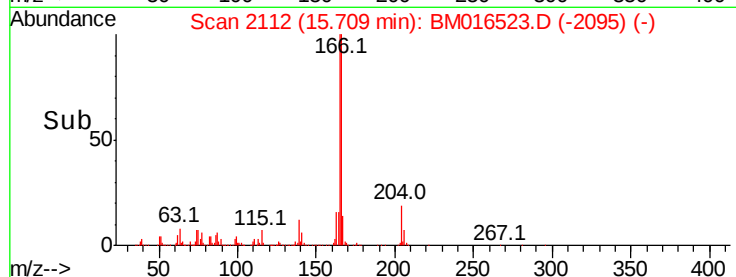
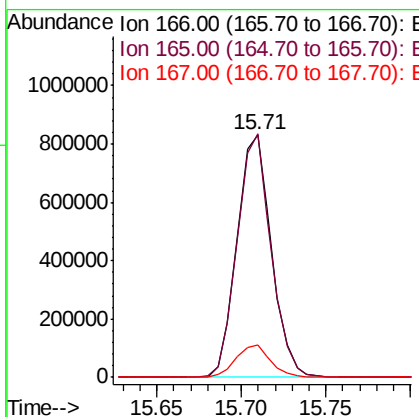
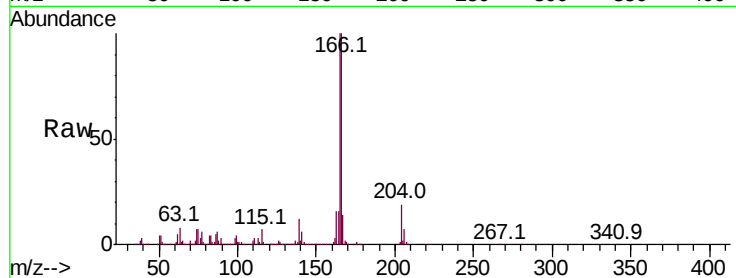




#57  
 Fluorene  
 Concen: 39.485 ng  
 RT: 15.71 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

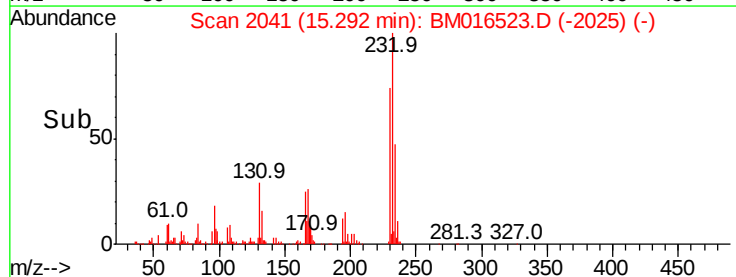
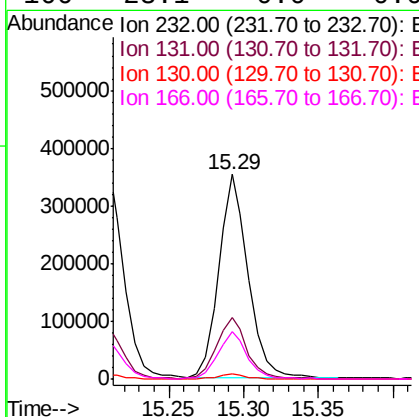
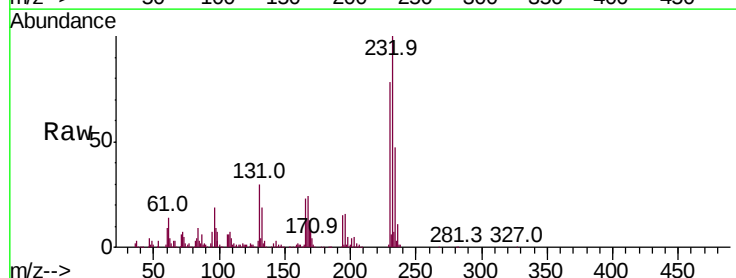
Instrument :  
 BNA\_M  
 ClientSampleId :

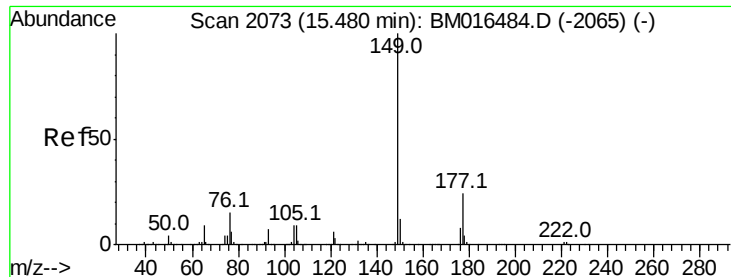
Tot Ion:166 Resp: 1179493  
 Ion Ratio Lower Upper  
 166 100  
 165 100.2 79.0 118.4  
 167 13.5 10.3 15.5



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.475 ng  
 RT: 15.29 min Scan# 2041  
 Delta R.T. -0.01 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

Tgt Ion:232 Resp: 482126  
 Ion Ratio Lower Upper  
 232 100  
 131 31.1 0.0 0.0#  
 130 2.4 0.0 0.0#  
 166 23.1 0.0 0.0#

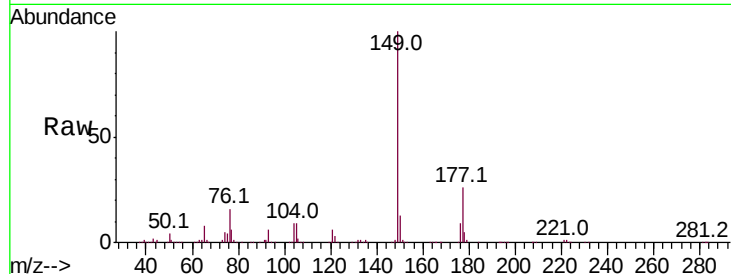




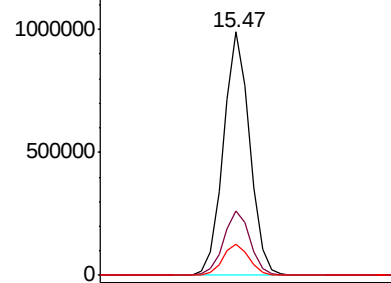
#59  
Diethylphthalate  
Concen: 36.121 ng  
RT: 15.47 min Scan# 2072  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Instrument :  
BNA\_M  
ClientSampleId :

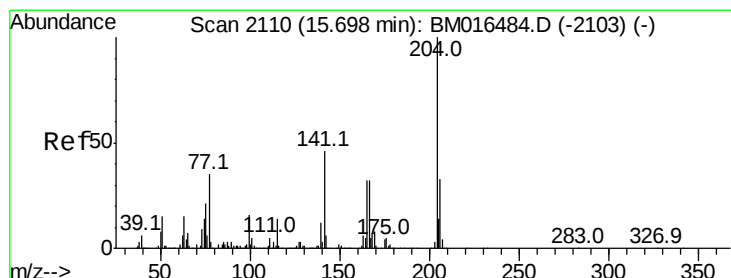
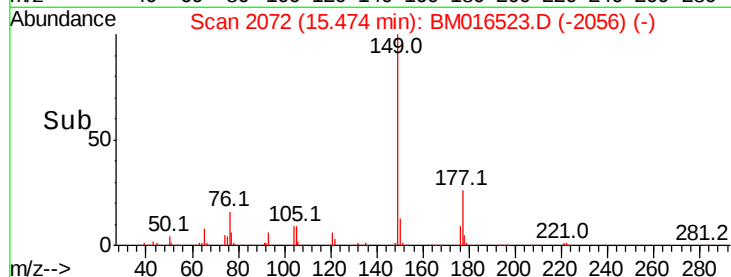
Tot Ion:149 Resp: 1209861  
Ion Ratio Lower Upper  
149 100  
177 26.3 18.3 27.5  
150 12.7 9.8 14.8



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

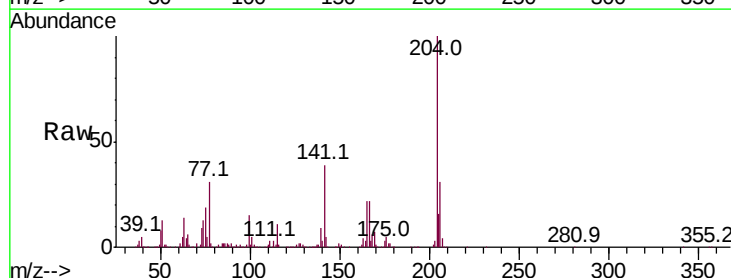


Time-->

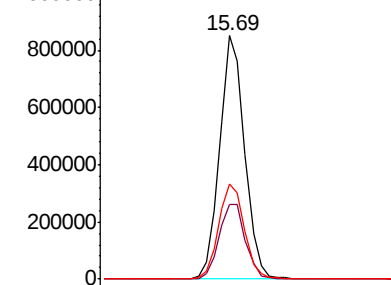


#60  
4-Chlorophenyl-phenylether  
Concen: 44.306 ng  
RT: 15.69 min Scan# 2109  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

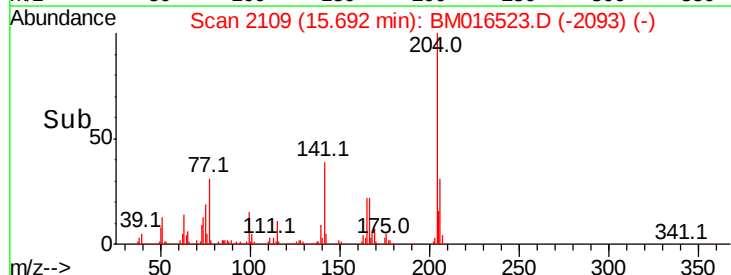
Tgt Ion:204 Resp: 1109905  
Ion Ratio Lower Upper  
204 100  
206 30.9 26.6 39.8  
141 39.2 45.2 67.8#

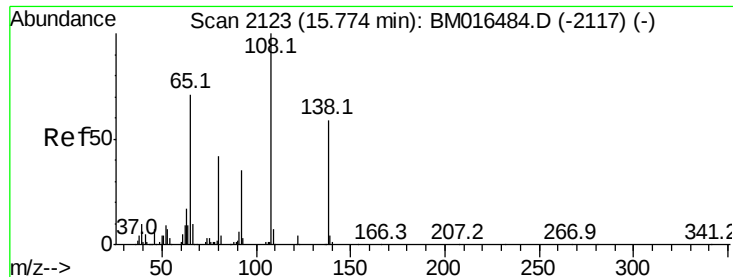


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E



Time-->

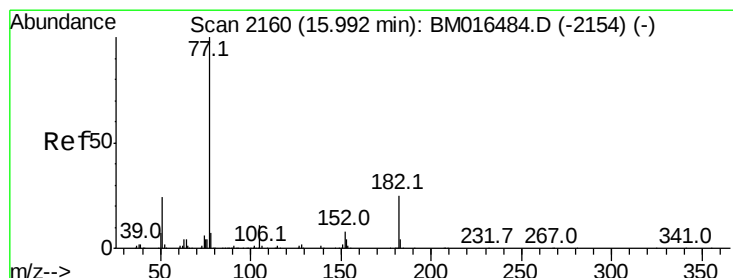
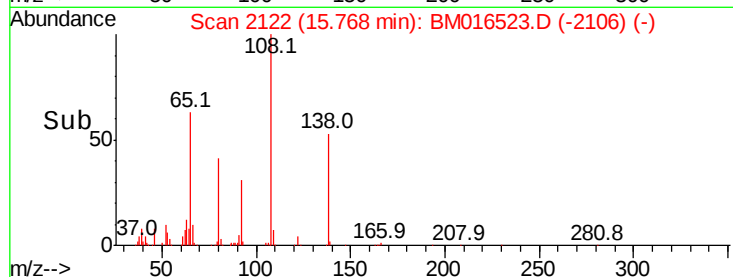
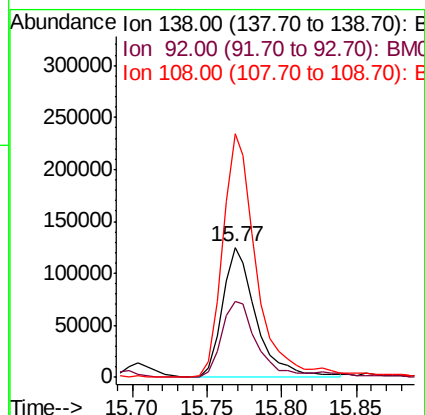
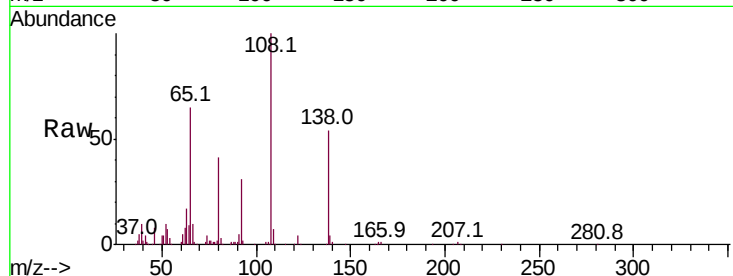




#61  
4-Nitroaniline  
Concen: 34.804 ng  
RT: 15.77 min Scan# 2122  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

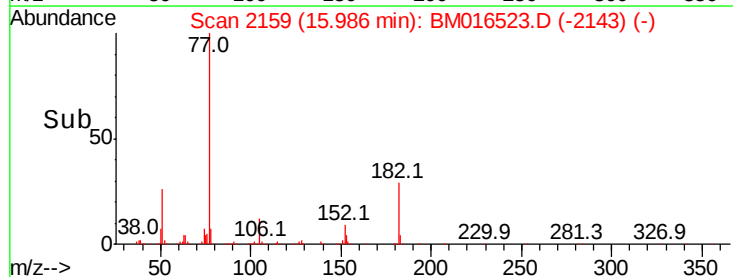
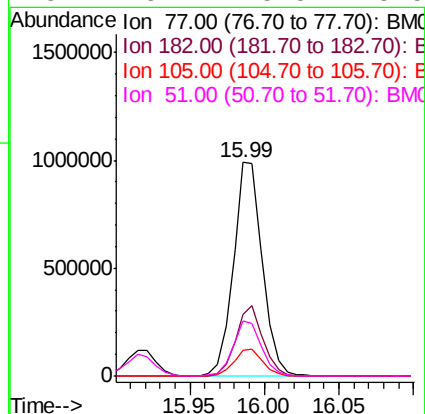
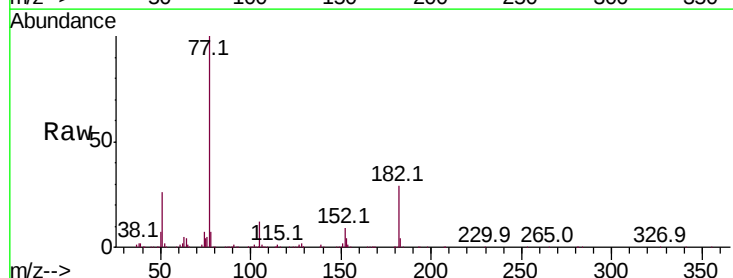
Instrument :  
BNA\_M  
ClientSampled :

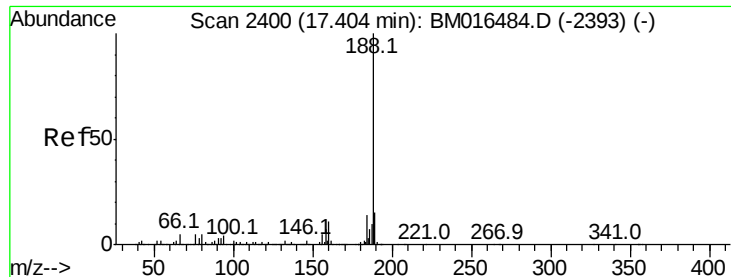
Tot Ion:138 Resp: 193917  
Ion Ratio Lower Upper  
138 100  
92 58.4 16.7 56.7#  
108 186.9 37.6 77.6#



#62  
Azobenzene  
Concen: 37.281 ng  
RT: 15.99 min Scan# 2159  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Tgt Ion: 77 Resp: 1330038  
Ion Ratio Lower Upper  
77 100  
182 28.6 6.5 46.5  
105 12.0 3.8 43.8  
51 25.7 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampled :

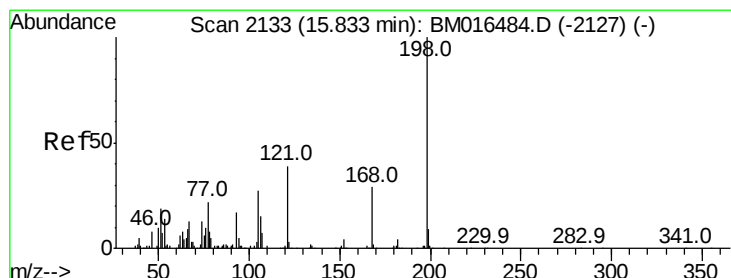
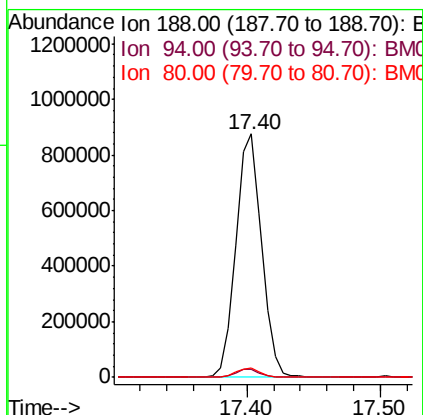
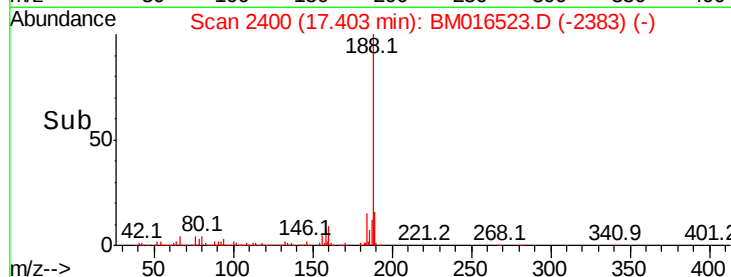
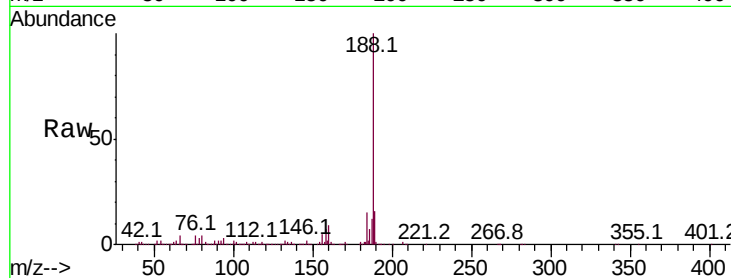
Tot Ion:188 Resp: 1170264

Ion Ratio Lower Upper

188 100

94 3.2 8.7 13.1#

80 3.6 9.3 13.9#



#64

4,6-Dinitro-2-methylphenol

Concen: 34.865 ng

RT: 15.83 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

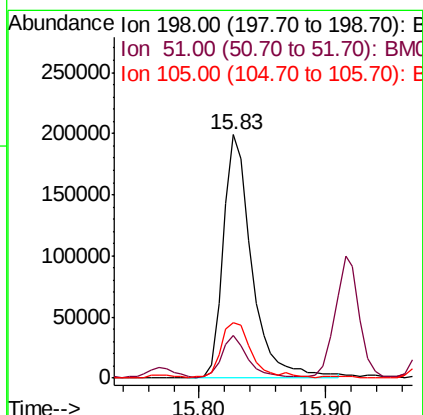
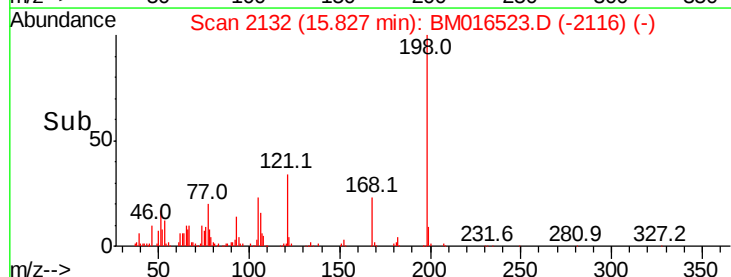
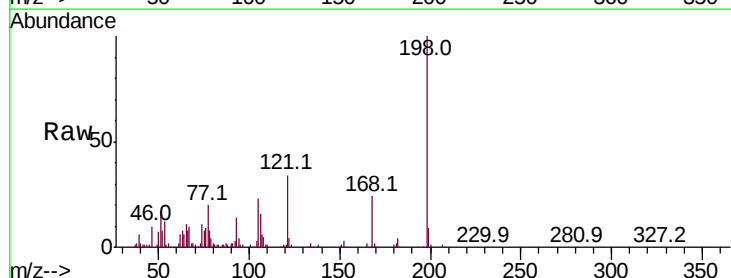
Tgt Ion:198 Resp: 310015

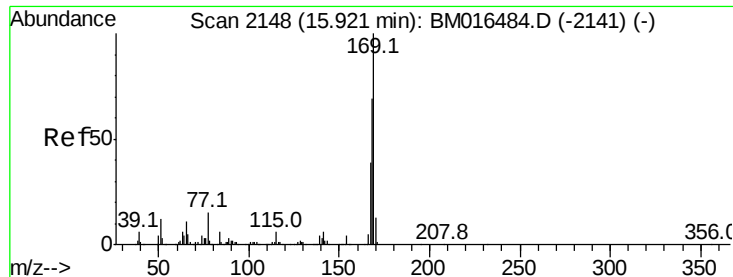
Ion Ratio Lower Upper

198 100

51 17.3 28.8 68.8#

105 22.7 30.5 70.5#





#65

n-Nitrosodiphenylamine

Concen: 35.023 ng

RT: 15.92 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

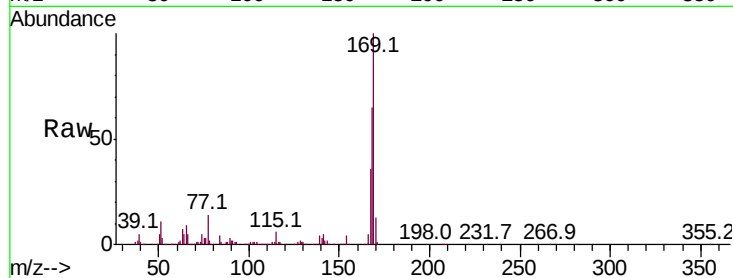
Instrument :

BNA\_M

ClientSampled :

Tot Ion:169 Resp: 1153039

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 64.8  | 53.9  | 80.9  |
| 167 | 35.6  | 28.9  | 43.3  |

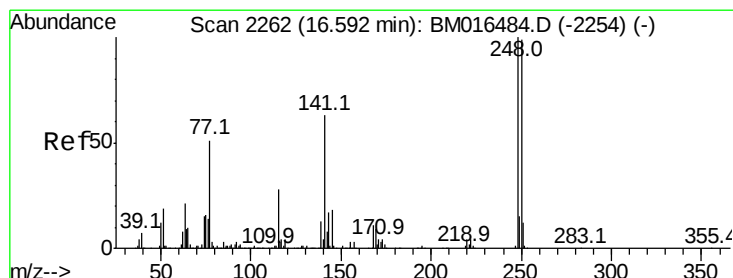
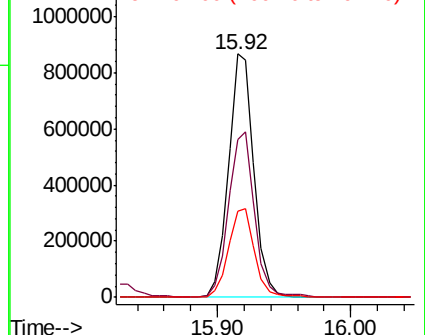
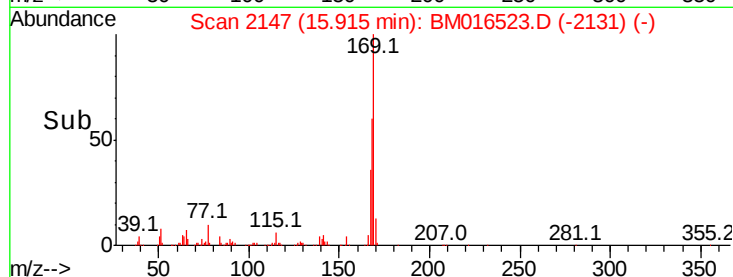


Abundance

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: 39.519 ng

RT: 16.59 min Scan# 2261

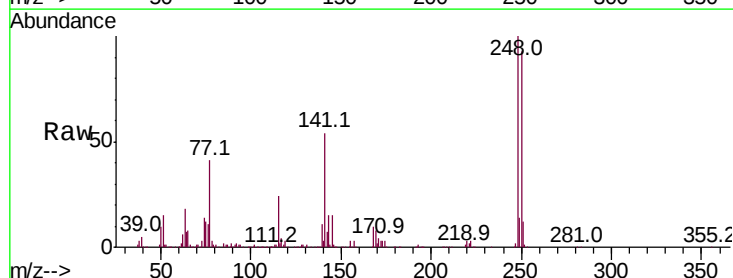
Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Tgt Ion:248 Resp: 710613

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 92.9  | 77.4  | 116.0 |
| 141 | 54.1  | 45.2  | 67.8  |

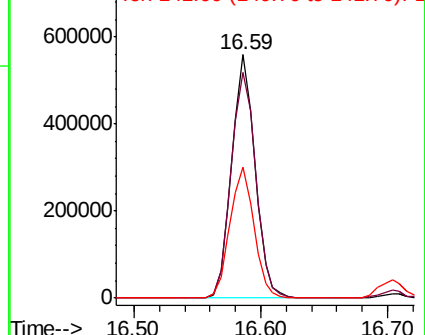
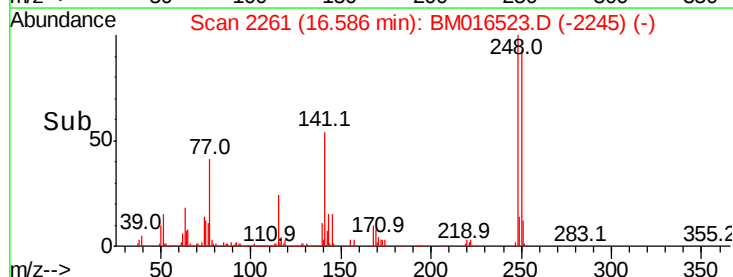


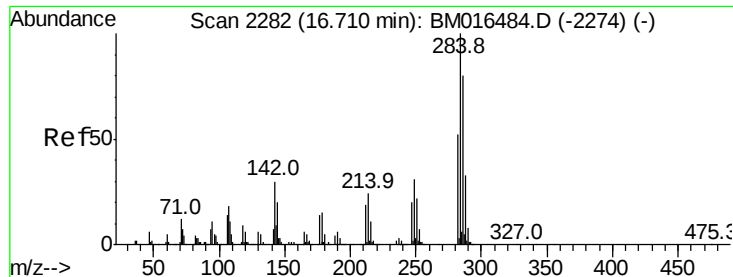
Abundance

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

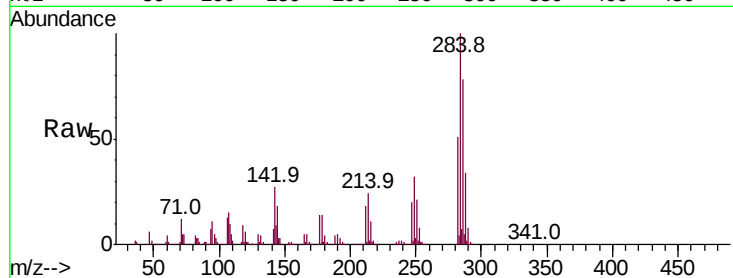




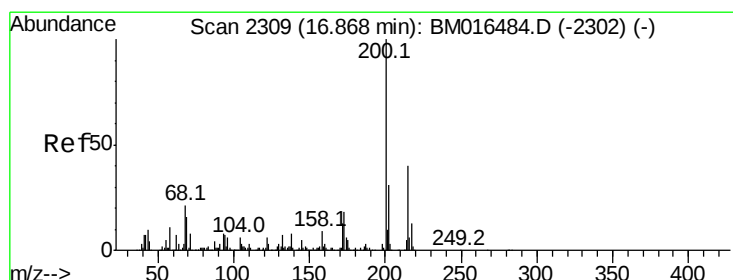
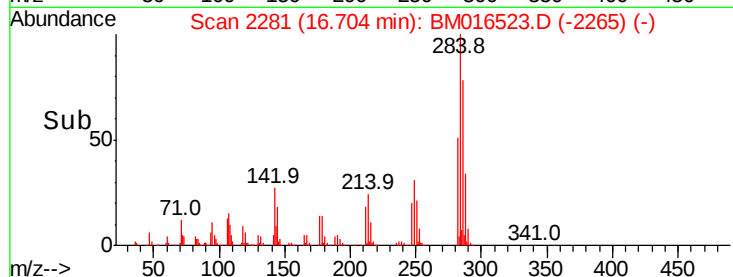
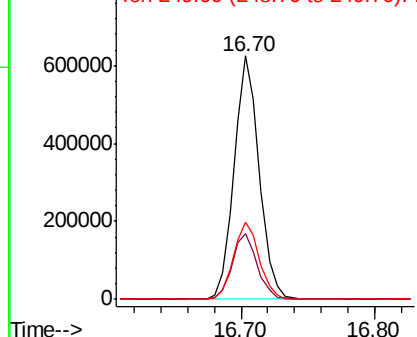
#67  
Hexachlorobenzene  
Concen: 39.030 ng  
RT: 16.70 min Scan# 2281  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.2  | 20.4  | 30.6  |
| 249     | 31.8  | 23.8  | 35.6  |

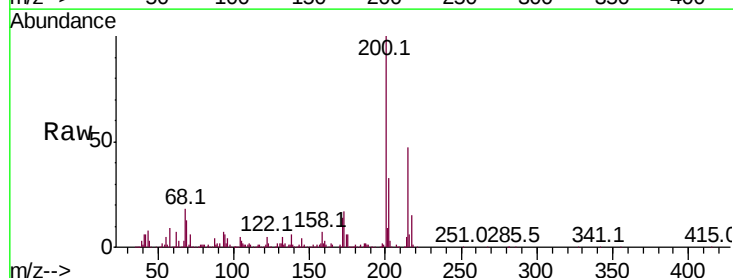


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

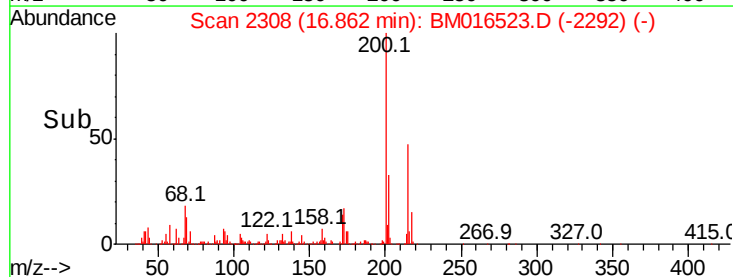
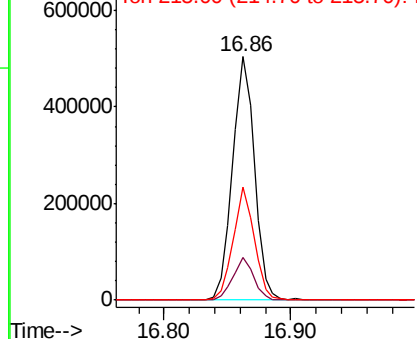


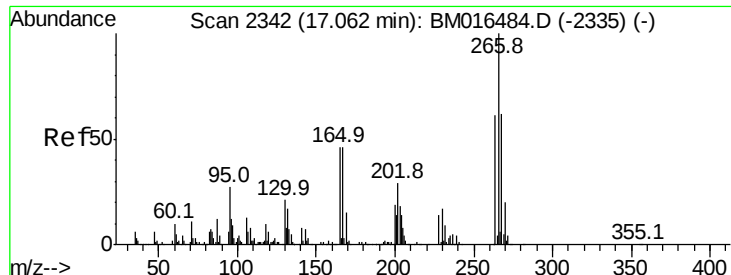
#68  
Atrazine  
Concen: 40.080 ng  
RT: 16.86 min Scan# 2308  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 17.3  | 4.8   | 44.8  |
| 215     | 46.5  | 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

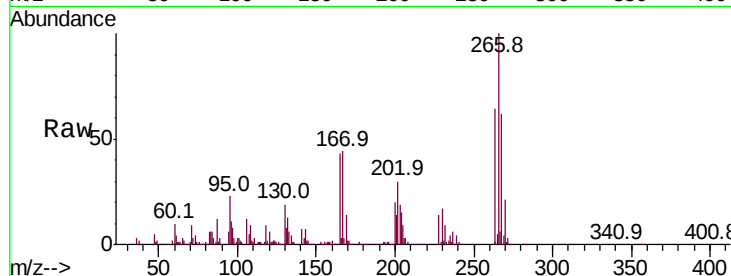




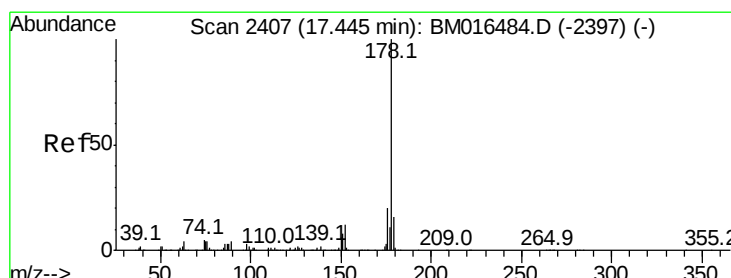
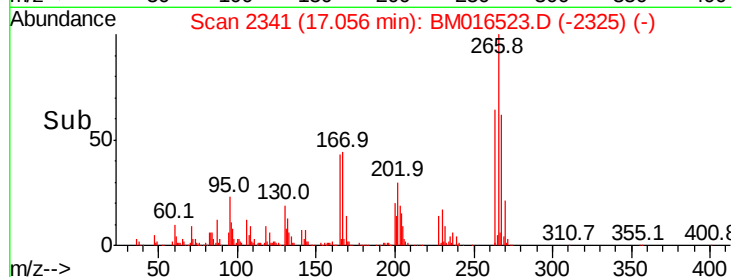
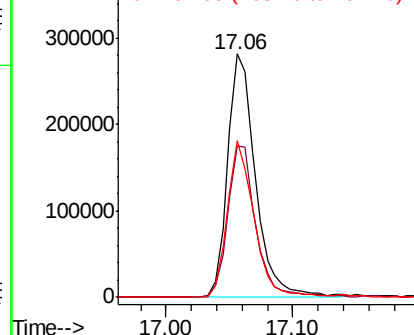
#69  
 Pentachlorophenol  
 Concen: 38.869 ng  
 RT: 17.06 min Scan# 2341  
 Delta R.T. -0.01 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.4  | 52.0  | 78.0  |
| 264     | 64.4  | 49.0  | 73.4  |

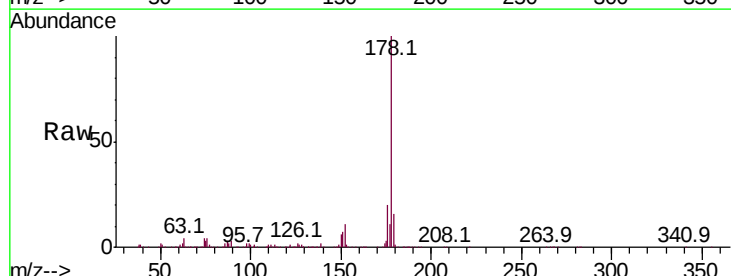


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

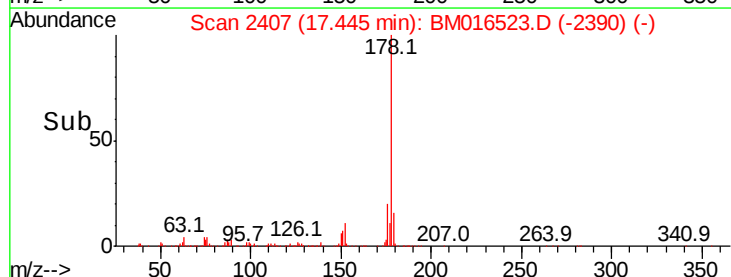
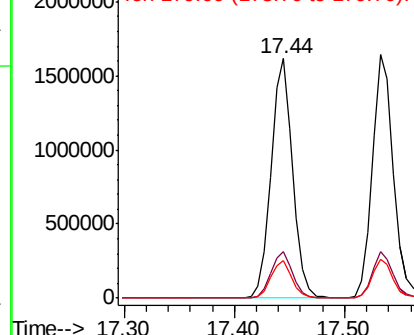


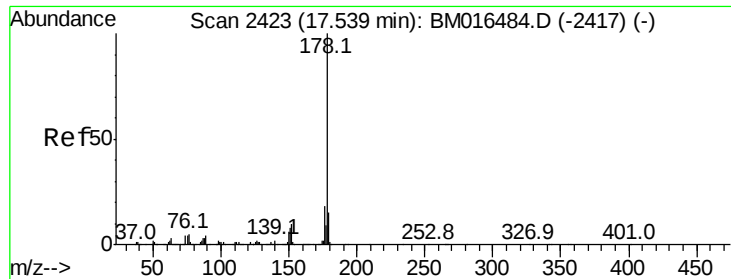
#70  
 Phenanthrene  
 Concen: 36.324 ng  
 RT: 17.44 min Scan# 2407  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.2  | 22.8  |
| 179     | 16.0  | 12.1  | 18.1  |



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





#71

Anthracene

Concen: 36.734 ng

RT: 17.53 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

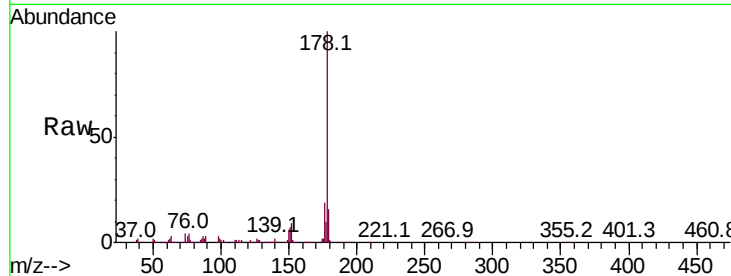
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 2206308

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.1  | 14.6  | 22.0  |
| 179 | 15.9  | 12.6  | 19.0  |

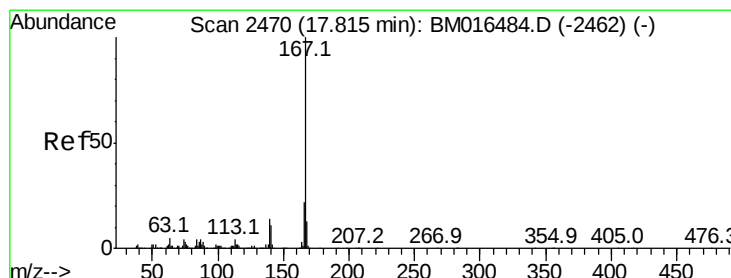
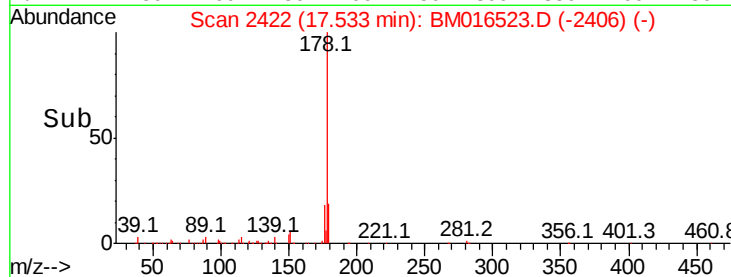
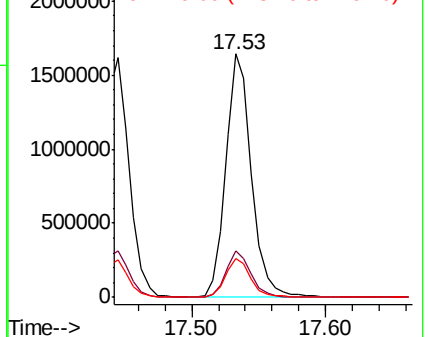


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.492 ng

RT: 17.82 min Scan# 2470

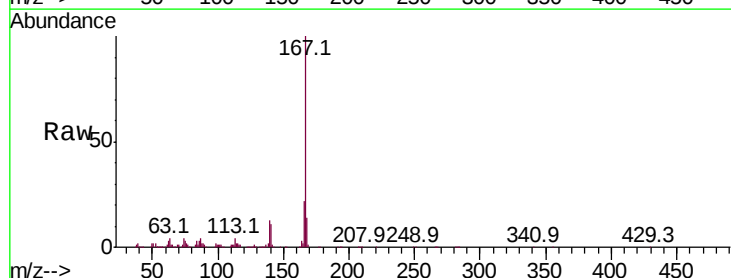
Delta R.T. -0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Tgt Ion:167 Resp: 1861755

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.5  | 17.2  | 25.8  |
| 139 | 13.4  | 10.8  | 16.2  |

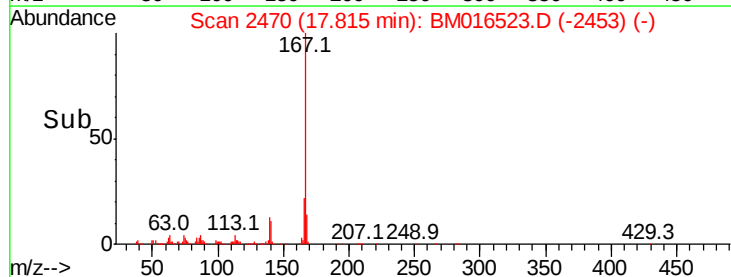
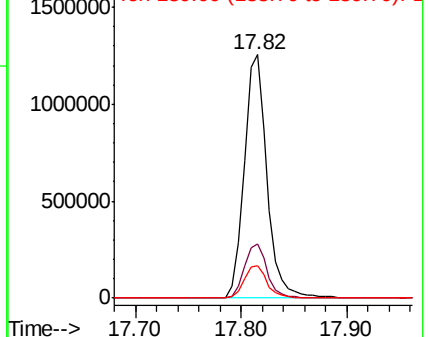


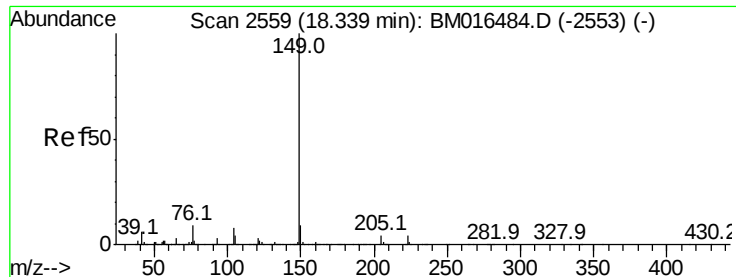
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

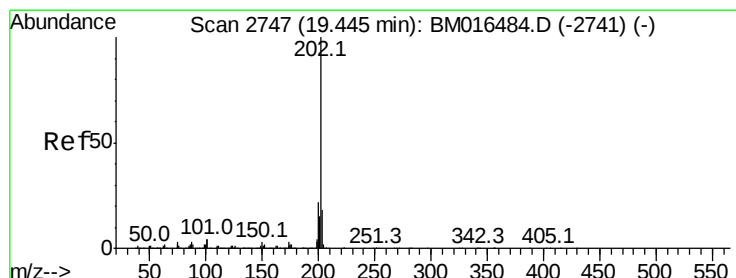
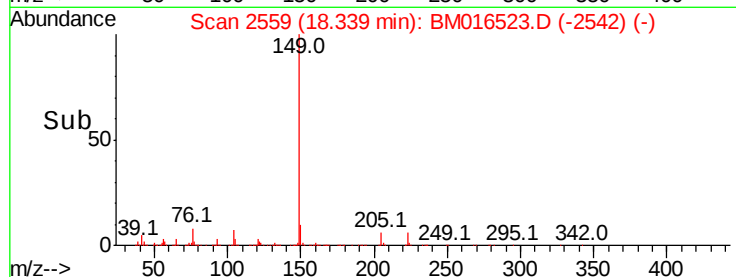
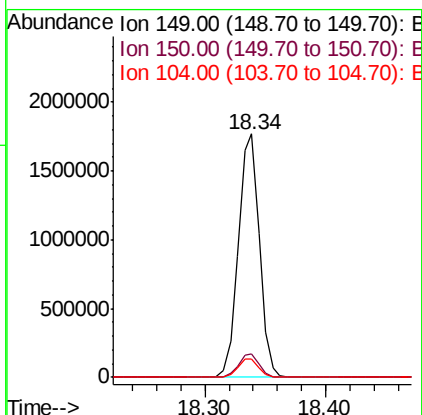
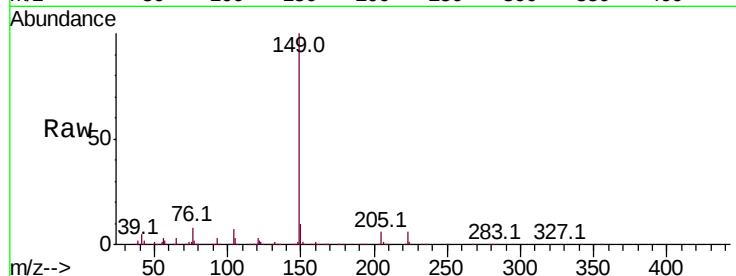




#73  
Di-n-butylphthalate  
Concen: 32.635 ng  
RT: 18.34 min Scan# 2559  
Delta R.T. -0.00 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

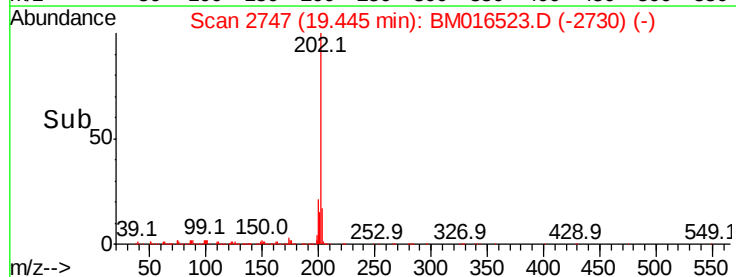
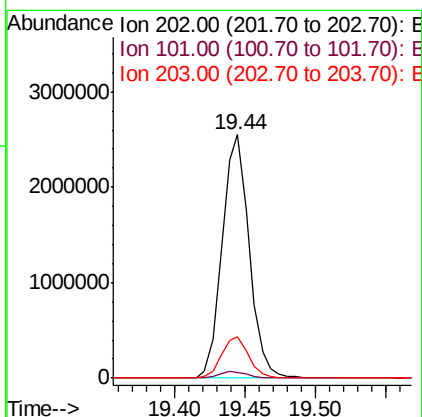
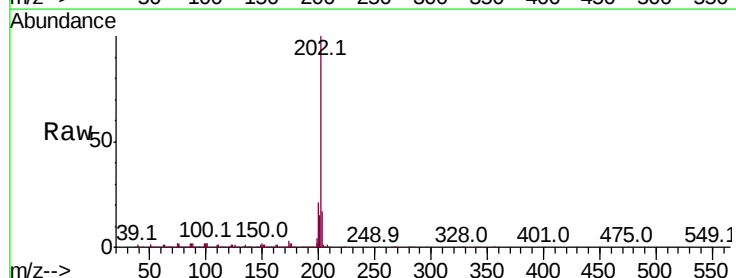
Instrument :  
BNA\_M  
ClientSampleId :

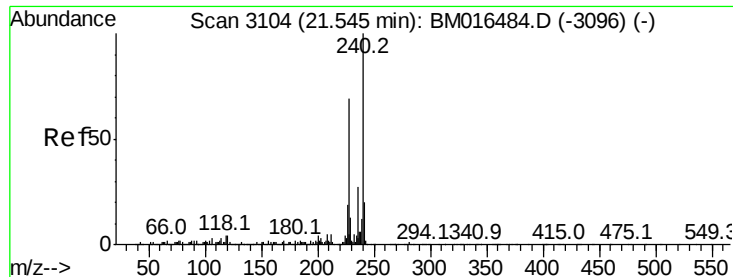
Tot Ion:149 Resp: 2147544  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.5 11.3  
104 7.3 3.7 5.5#



#74  
Fluoranthene  
Concen: 38.162 ng  
RT: 19.44 min Scan# 2747  
Delta R.T. -0.00 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Tgt Ion:202 Resp: 3384428  
Ion Ratio Lower Upper  
202 100  
101 2.4 0.0 28.7  
203 17.1 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

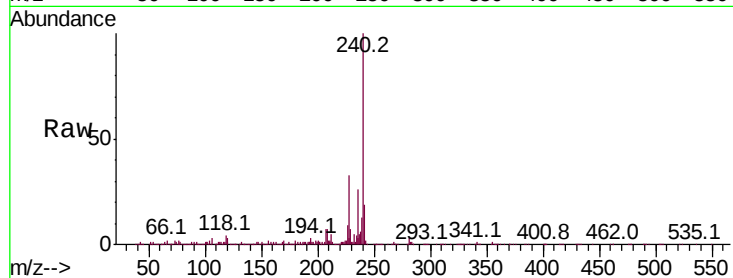
Tot Ion:240 Resp: 1774232

Ion Ratio Lower Upper

240 100

120 2.8 8.2 12.2#

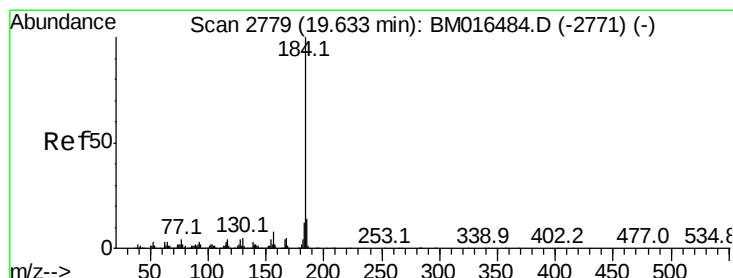
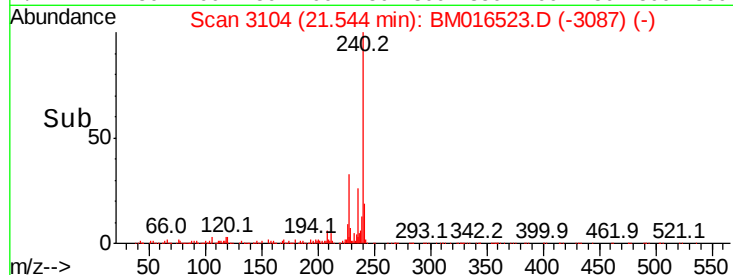
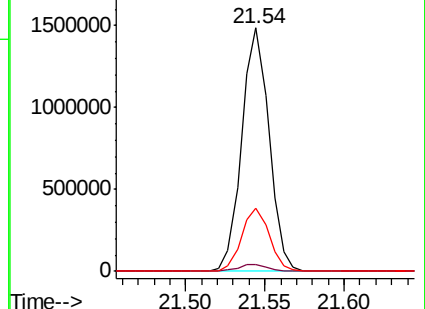
236 25.7 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.732 ng

RT: 19.63 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

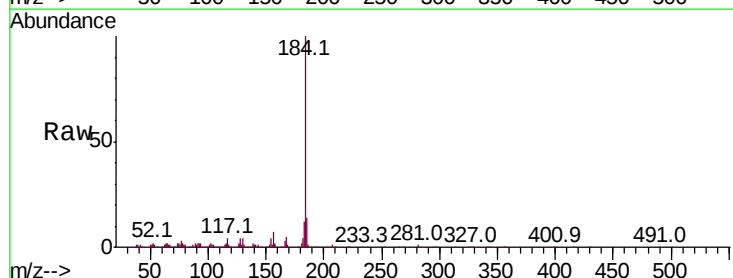
Tgt Ion:184 Resp: 1253325

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

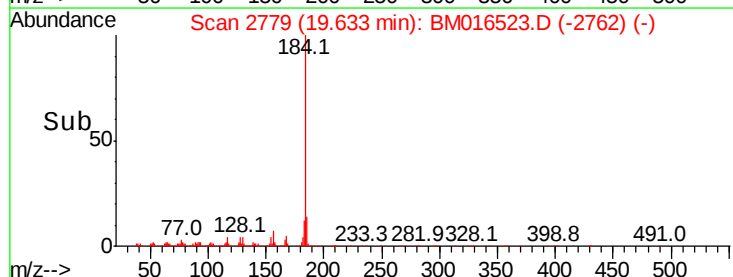
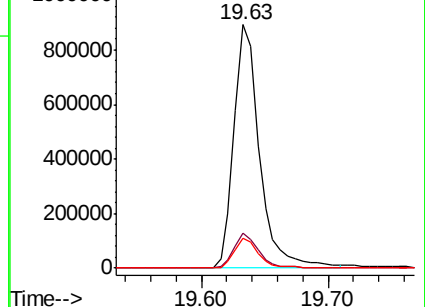
183 12.1 8.9 13.3

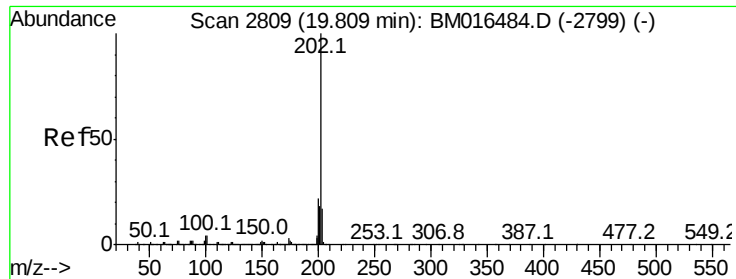


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.012 ng

RT: 19.80 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

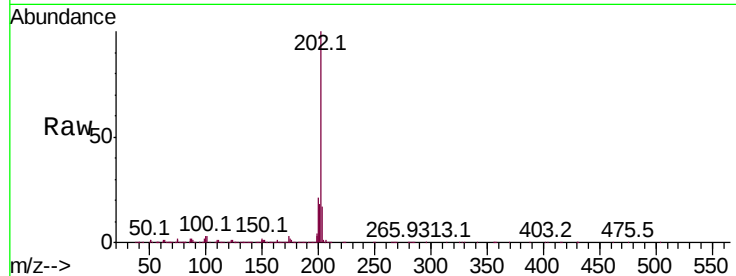
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:202 Resp: 3665222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.5  | 16.9  | 25.3  |
| 203 | 17.1  | 14.1  | 21.1  |

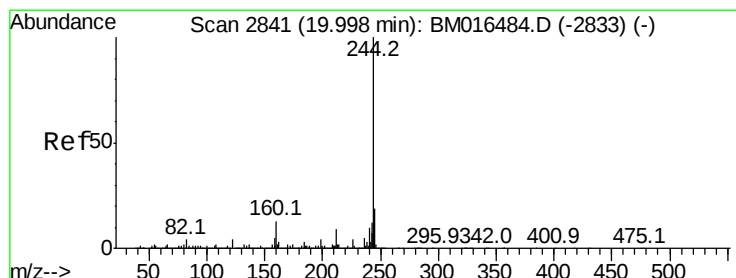
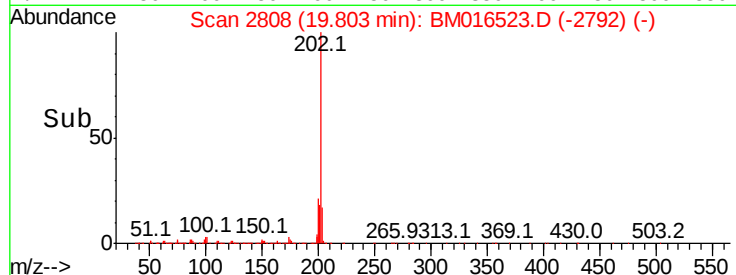
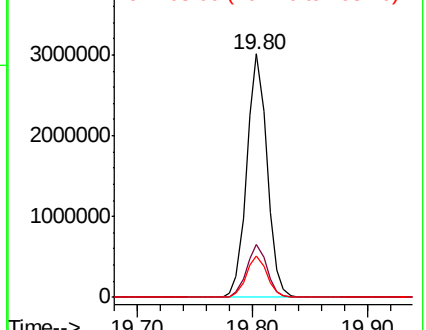


Abundance

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: 38.012 ng

RT: 19.99 min Scan# 2840

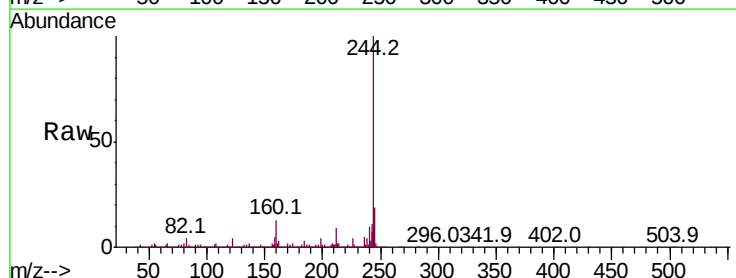
Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Tgt Ion:244 Resp: 7622141

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.1   | 4.9   | 7.3#  |
| 122 | 3.7   | 6.2   | 9.4#  |

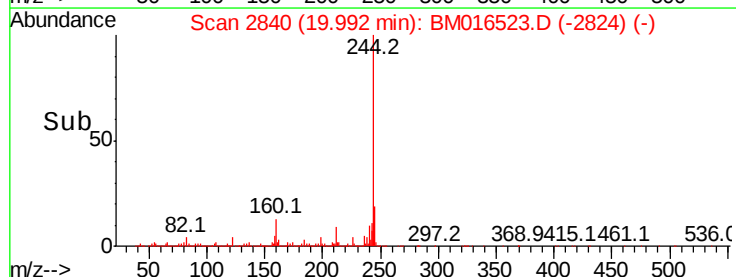
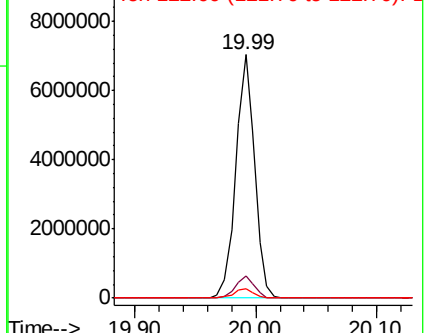


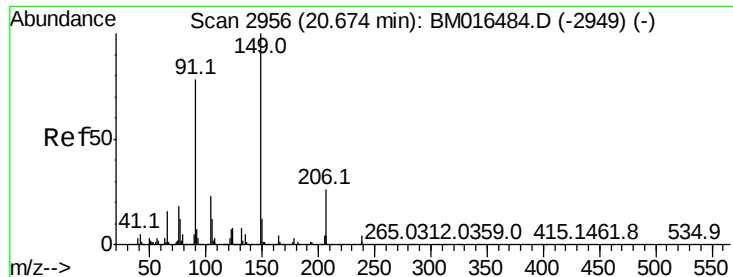
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

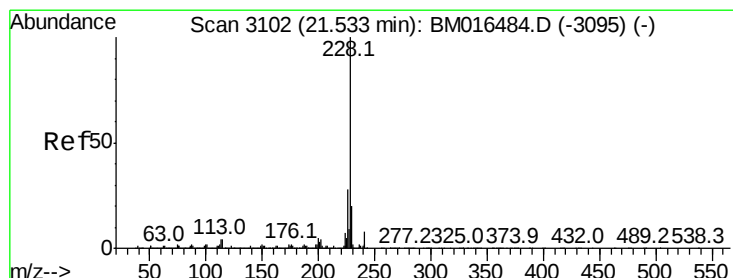
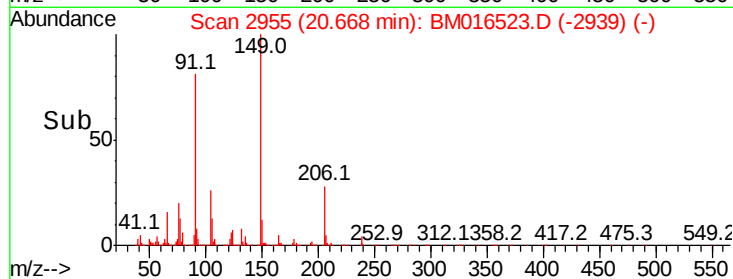
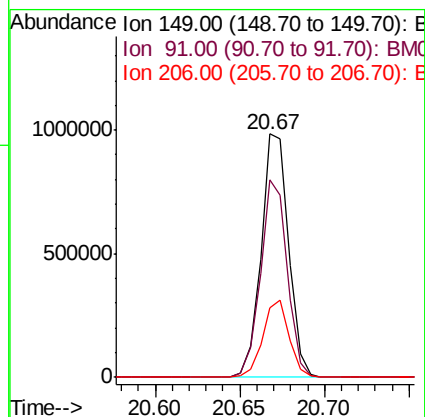
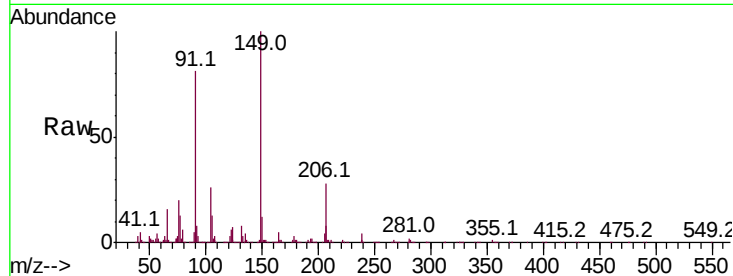




#79  
Butylbenzylphthalate  
Concen: 33.178 ng  
RT: 20.67 min Scan# 2955  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

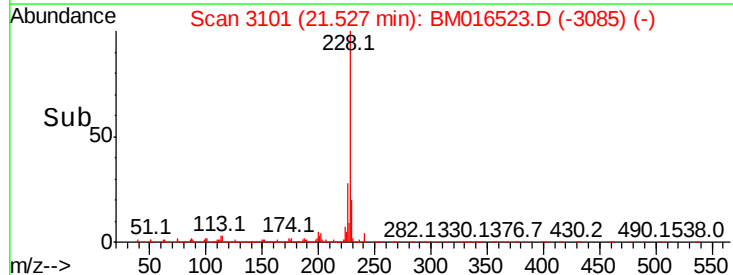
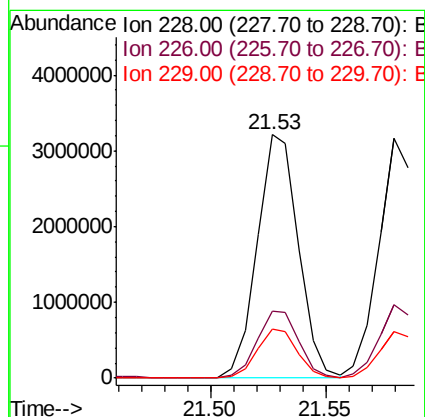
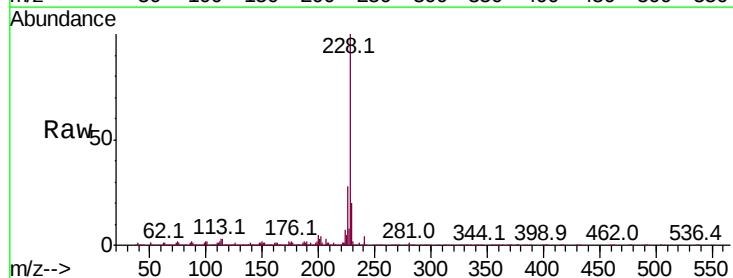
Instrument :  
BNA\_M  
ClientSampled :

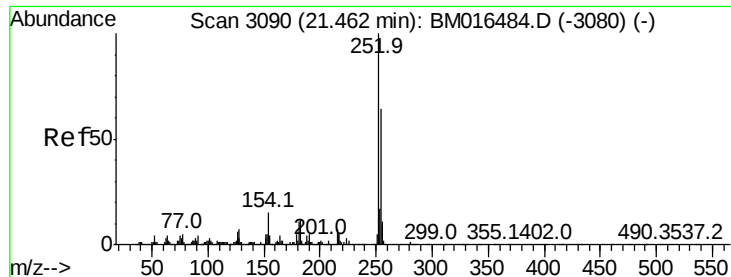
Tot Ion:149 Resp: 1104250  
Ion Ratio Lower Upper  
149 100  
91 81.2 50.1 75.1#  
206 28.5 16.2 24.2#



#80  
Benzo(a)anthracene  
Concen: 38.189 ng  
RT: 21.53 min Scan# 3101  
Delta R.T. -0.01 min  
Lab File: BM016523.D  
Acq: 22 Aug 2018 17:56

Tgt Ion:228 Resp: 3983430  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.7 32.5  
229 20.0 16.0 24.0

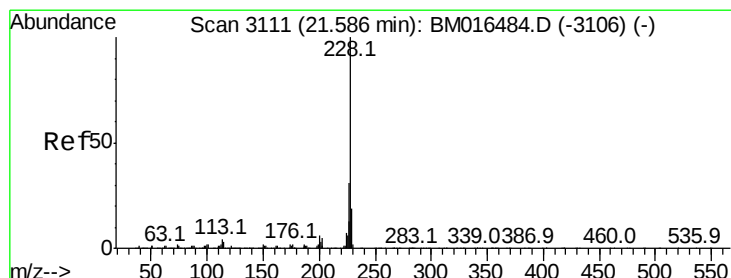
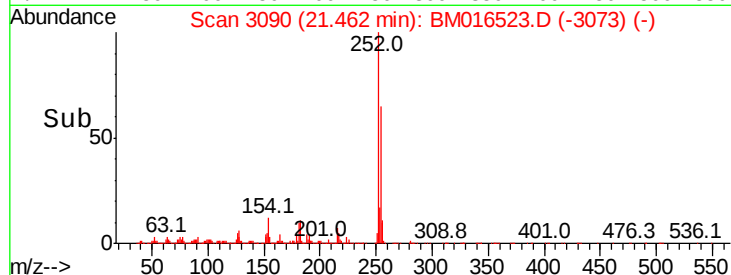
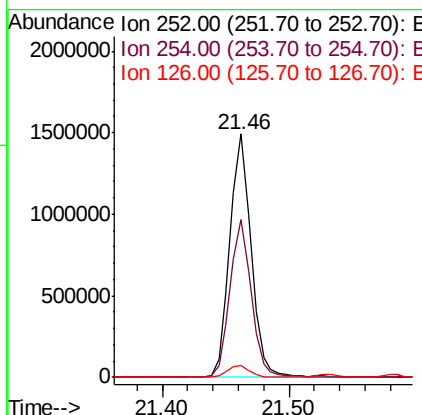
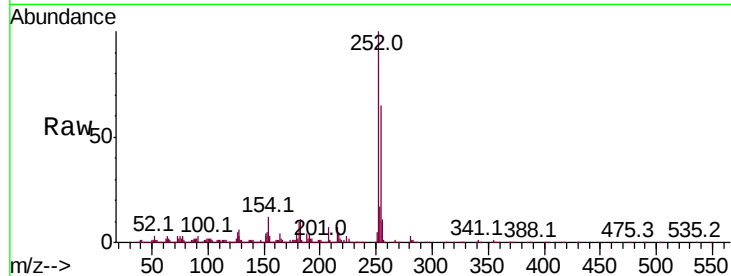




#81  
 3,3'-Dichlorobenzidine  
 Concen: 37.381 ng  
 RT: 21.46 min Scan# 3090  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

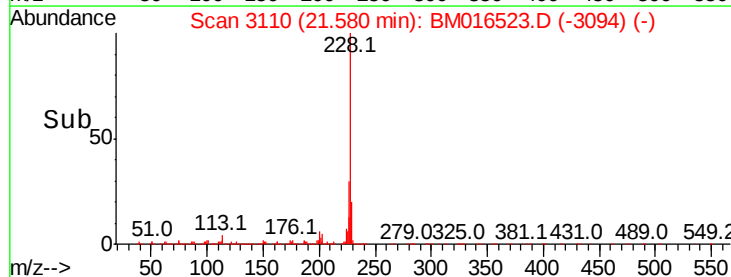
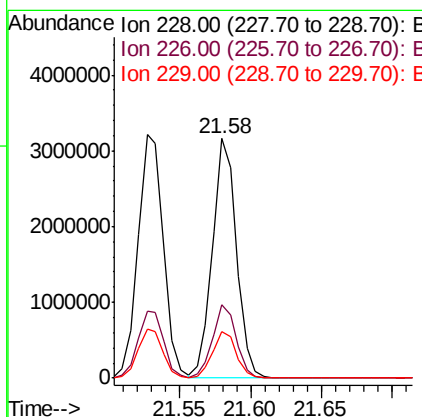
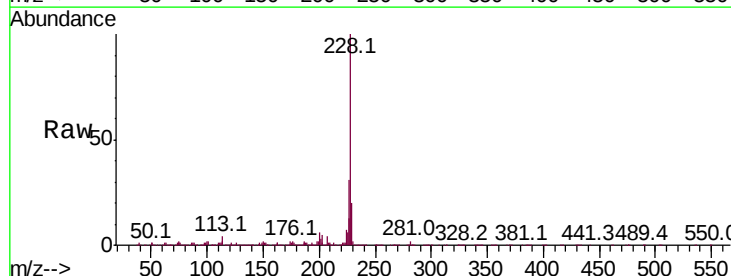
Instrument :  
 BNA\_M  
 ClientSampleId :

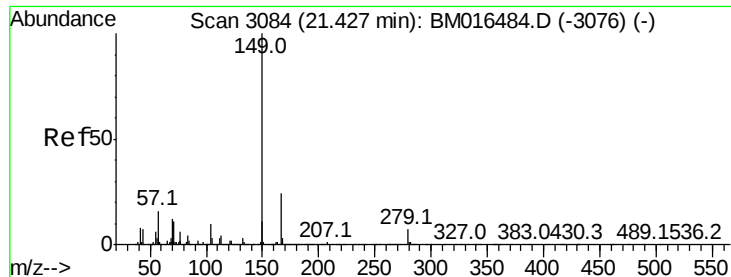
Tot Ion:252 Resp: 1735635  
 Ion Ratio Lower Upper  
 252 100  
 254 64.9 51.9 77.9  
 126 4.7 9.8 14.8#



#82  
 Chrysene  
 Concen: 37.519 ng  
 RT: 21.58 min Scan# 3110  
 Delta R.T. -0.01 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

Tgt Ion:228 Resp: 3734084  
 Ion Ratio Lower Upper  
 228 100  
 226 30.5 24.1 36.1  
 229 19.6 15.5 23.3

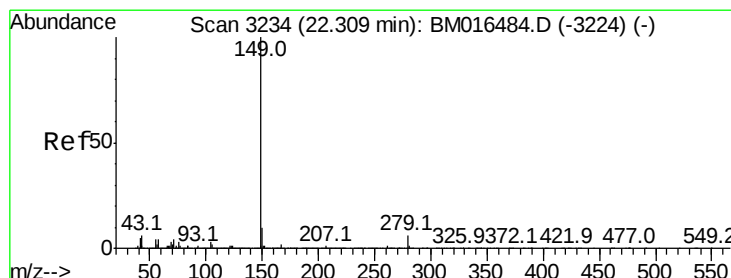
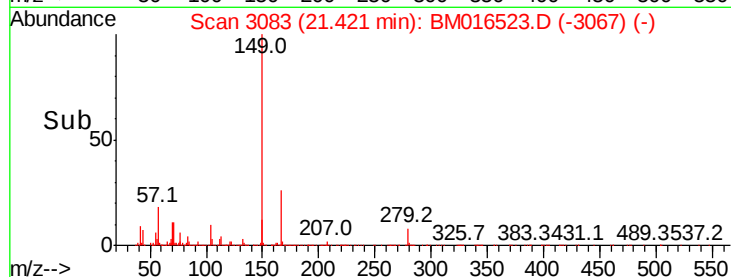
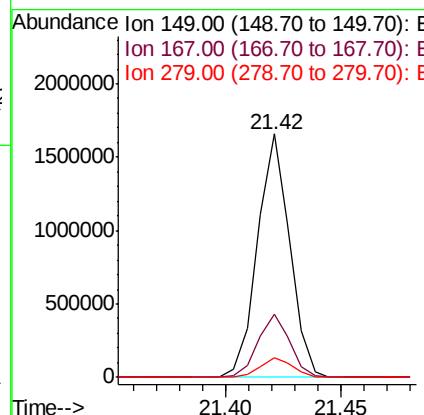
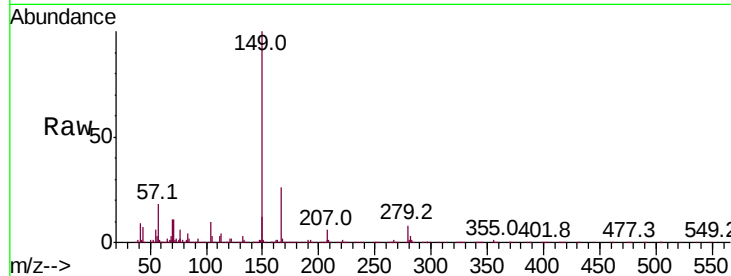




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 32.667 ng  
 RT: 21.42 min Scan# 3083  
 Delta R.T. -0.01 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

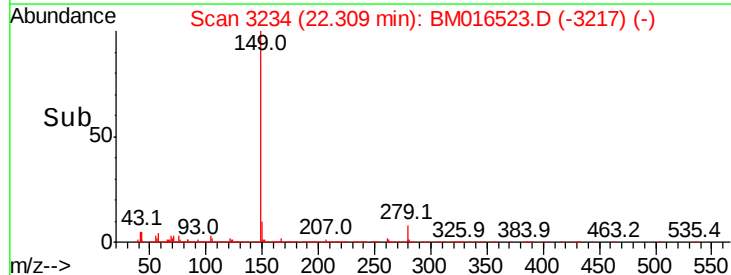
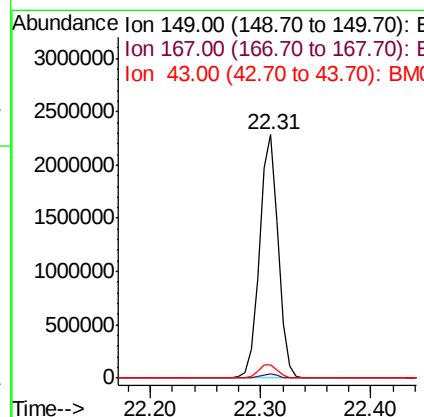
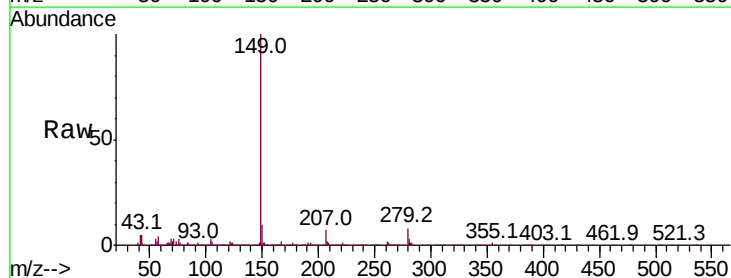
Instrument :  
 BNA\_M  
 ClientSampleId :

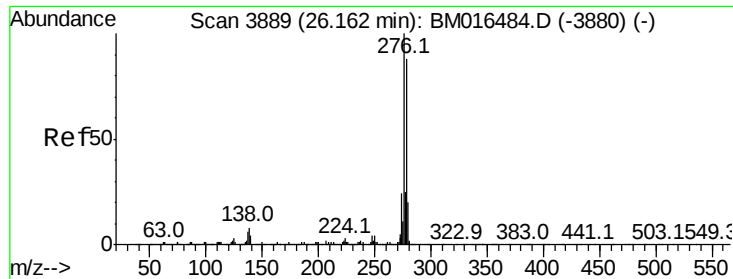
Tot Ion:149 Resp: 1616324  
 Ion Ratio Lower Upper  
 149 100  
 167 26.0 22.4 33.6  
 279 8.1 3.4 5.0#



#84  
 Di-n-octyl phthalate  
 Concen: 32.861 ng  
 RT: 22.31 min Scan# 3234  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

Tgt Ion:149 Resp: 2701975  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.2 1.8  
 43 5.9 7.3 10.9#

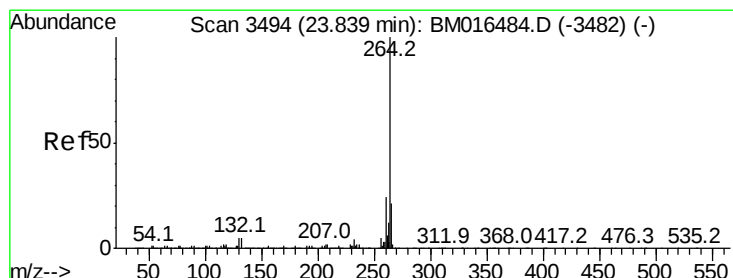
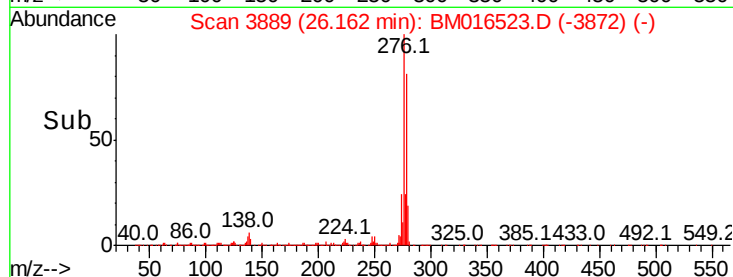
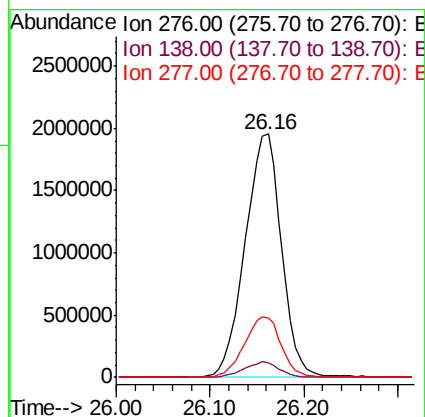
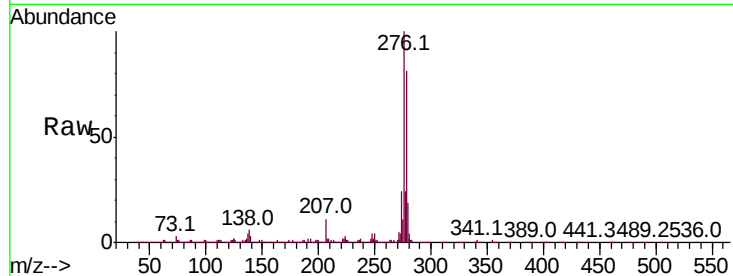




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.536 ng  
 RT: 26.16 min Scan# 3889  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

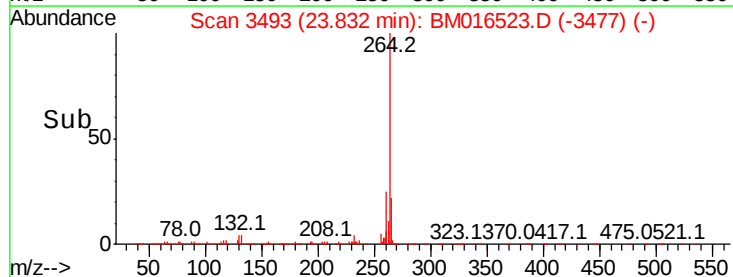
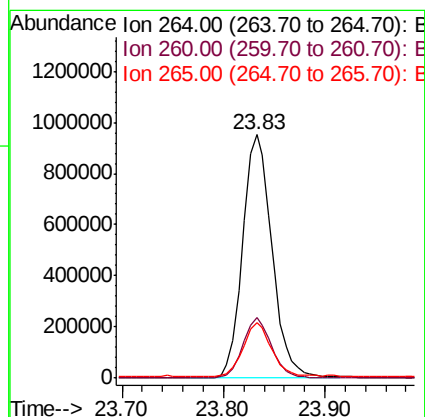
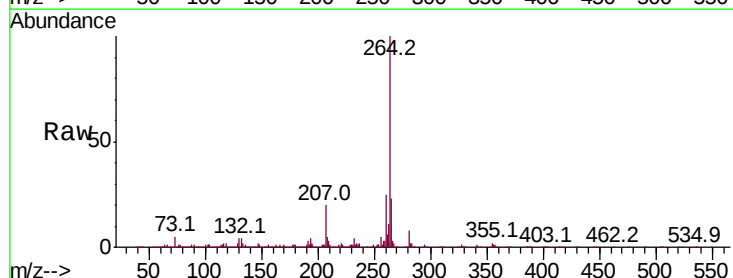
Instrument :  
 BNA\_M  
 ClientSampled :

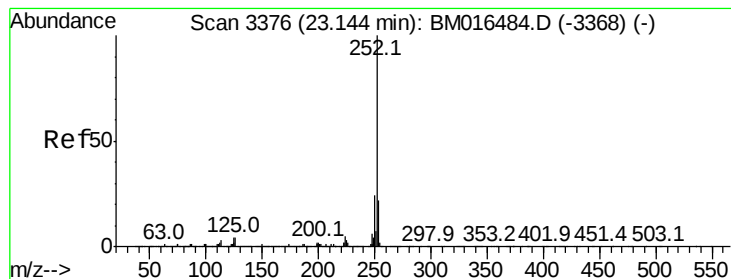
Tot Ion:276 Resp: 5229351  
 Ion Ratio Lower Upper  
 276 100  
 138 6.4 12.0 18.0#  
 277 25.1 20.0 30.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.83 min Scan# 3493  
 Delta R.T. -0.01 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

Tgt Ion:264 Resp: 1917323  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 18.6 27.8  
 265 22.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 39.436 ng

RT: 23.14 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

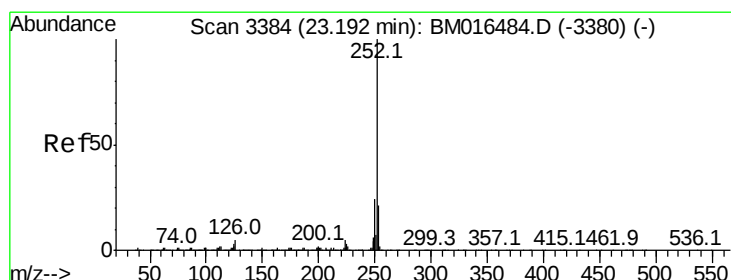
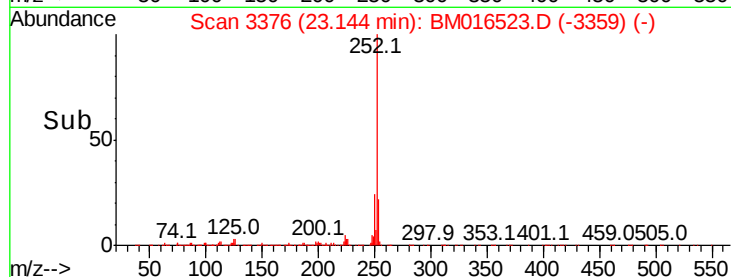
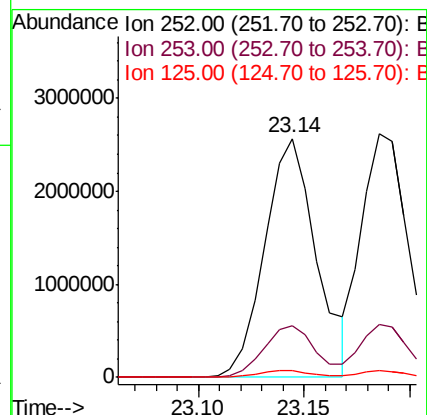
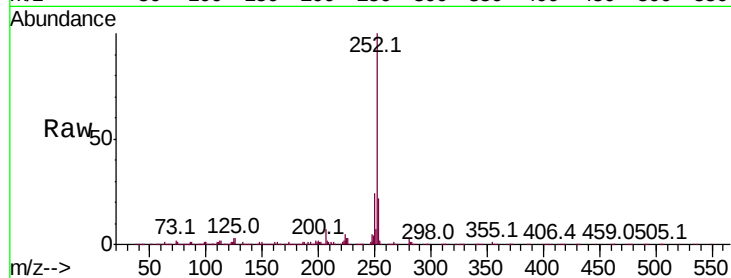
Tot Ion:252 Resp: 4358624

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 2.8 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 36.633 ng

RT: 23.19 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

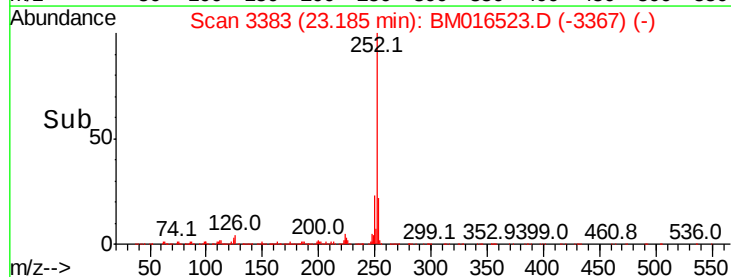
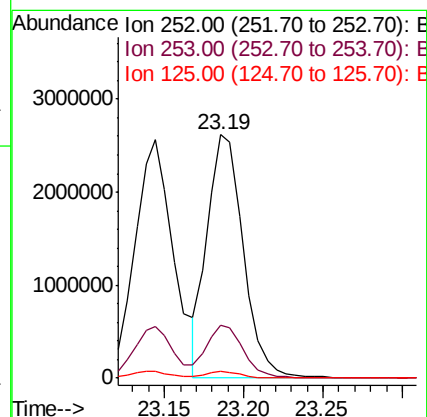
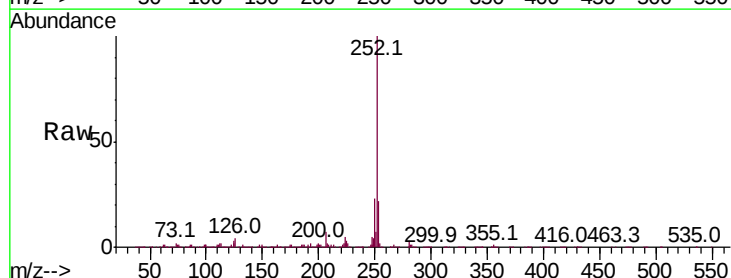
Tgt Ion:252 Resp: 4119632

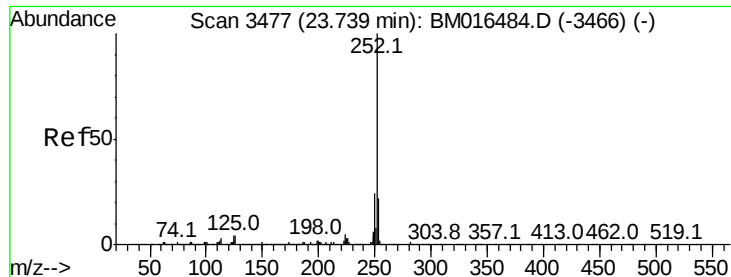
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 2.6 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 37.774 ng

RT: 23.73 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

Instrument :

BNA\_M

ClientSampleId :

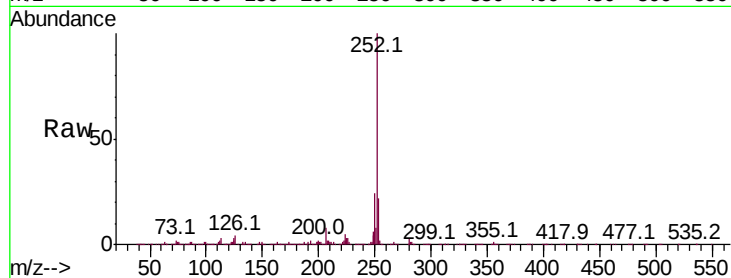
Tot Ion:252 Resp: 4062239

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.6  | 17.6  | 26.4  |
| 125 | 2.9   | 7.4   | 11.2  |

252 100

253 21.6 17.6 26.4

125 2.9 7.4 11.2

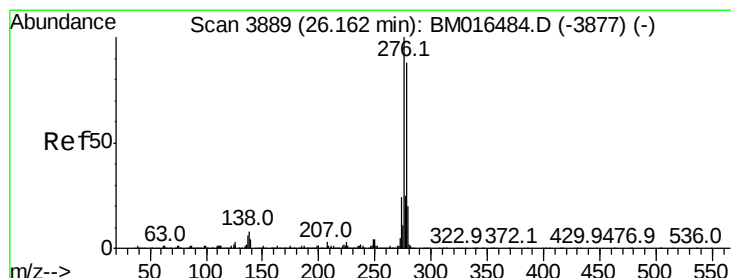
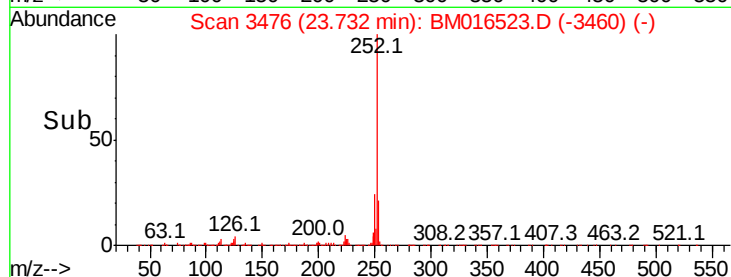
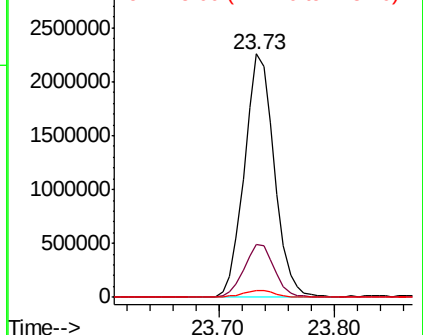


Abundance

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: 36.520 ng

RT: 26.16 min Scan# 3888

Delta R.T. -0.01 min

Lab File: BM016523.D

Acq: 22 Aug 2018 17:56

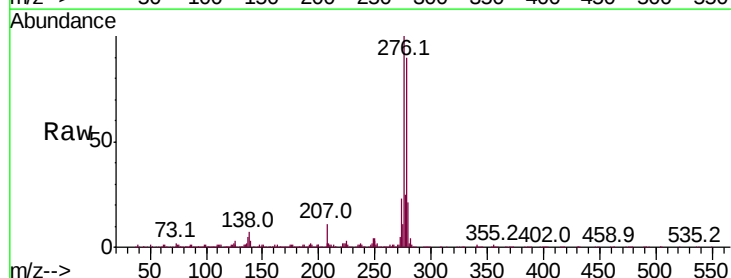
Tgt Ion:278 Resp: 4401492

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 3.9   | 13.4  | 20.0  |
| 279 | 23.8  | 19.0  | 28.4  |

278 100

139 3.9 13.4 20.0

279 23.8 19.0 28.4

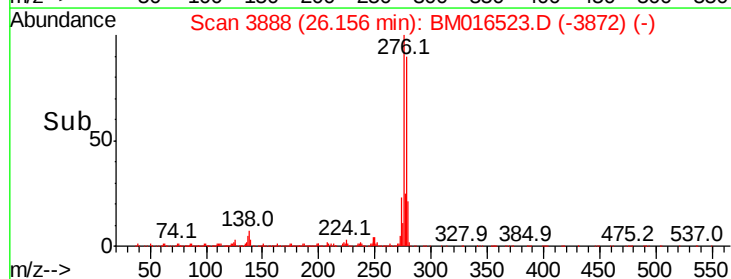
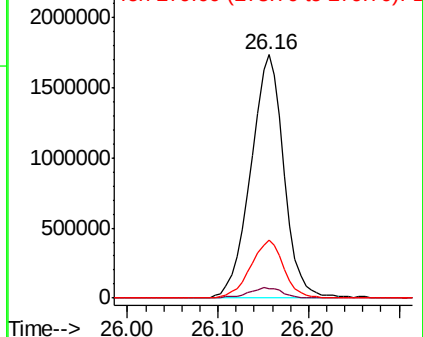


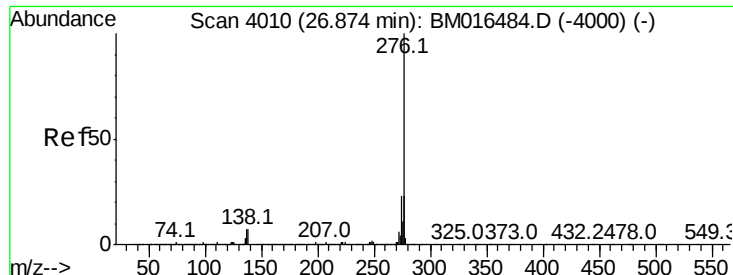
Abundance

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

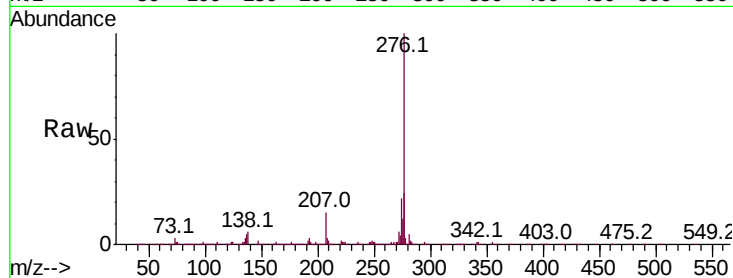




#91  
 Benzo(a,h,i)perylene  
 Concen: 36.680 ng  
 RT: 26.87 min Scan# 4010  
 Delta R.T. -0.00 min  
 Lab File: BM016523.D  
 Acq: 22 Aug 2018 17:56

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:276 Resp: 3968348  
 Ion Ratio Lower Upper  
 276 100  
 277 24.3 18.5 27.7  
 138 5.7 19.0 28.6#



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

