

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101818\  
 Data File : BM017194.D  
 Acq On : 18 Oct 2018 15:49  
 Operator : MJ/SJ  
 Sample : J5164-03  
 Misc : MDL 5 PPM  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 19 09:35:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 14:23:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 197338   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.45 | 136  | 812810   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.31 | 164  | 464135   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.06 | 188  | 1092906  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.25 | 240  | 1295627  | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.46 | 264  | 1337902  | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.28  | 112  | 1557019  | 133.45 | ng    | 0.00     |
| 7) Phenol-d6                | 6.85  | 99   | 2021471  | 127.21 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.82  | 82   | 1212555  | 87.25  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.81 | 330  | 889888   | 141.78 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.93 | 172  | 2903587  | 83.24  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.70 | 244  | 4590959  | 79.87  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.27  | 88   | 22874    | 3.839 | ng    | # 80   |
| 3) Pyridine                    | 3.66  | 79   | 61045    | 4.453 | ng    | # 85   |
| 4) n-Nitrosodimethylamine      | 3.57  | 42   | 30015    | 5.454 | ng    | # 63   |
| 6) Aniline                     | 7.01  | 93   | 68221    | 3.432 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.24  | 128  | 64176    | 4.754 | ng    | 98     |
| 9) Benzaldehyde                | 6.83  | 77   | 51138    | 5.047 | ng    | 89     |
| 10) Phenol                     | 6.87  | 94   | 79411    | 4.643 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.10  | 93   | 60499    | 4.438 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.56  | 146  | 72379    | 4.600 | ng    | 96     |
| 13) 1,4-Dichlorobenzene        | 7.70  | 146  | 74319    | 4.623 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.02  | 146  | 71180    | 4.596 | ng    | 92     |
| 15) Benzyl Alcohol             | 7.92  | 79   | 51013    | 4.392 | ng    | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45   | 82587    | 4.336 | ng    | 98     |
| 17) 2-Methylphenol             | 8.11  | 107  | 49037    | 4.467 | ng    | 94     |
| 18) Hexachloroethane           | 8.73  | 117  | 26195    | 4.761 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.47  | 70   | 44136    | 4.218 | ng    | 98     |
| 20) 3+4-Methylphenols          | 8.43  | 107  | 64253    | 4.280 | ng    | 96     |
| 22) Acetophenone               | 8.49  | 105  | 93622    | 4.544 | ng    | # 98   |
| 24) Nitrobenzene               | 8.86  | 77   | 77275    | 5.257 | ng    | 91     |
| 25) Isophorone                 | 9.39  | 82   | 116437   | 5.074 | ng    | 95     |
| 26) 2-Nitrophenol              | 9.57  | 139  | 26093    | 9.045 | ng    | 95     |
| 27) 2,4-Dimethylphenol         | 9.63  | 122  | 52125    | 5.137 | ng    | 89     |
| 28) bis(2-Chloroethoxy)methane | 9.87  | 93   | 77222    | 4.781 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.10 | 162  | 51629    | 4.382 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.31 | 180  | 66916    | 4.734 | ng    | 97     |
| 31) Naphthalene                | 10.49 | 128  | 195280   | 4.903 | ng    | 98     |
| 32) Benzoic acid               | 9.77  | 122  | 1076     | 0.142 | ng    | 88     |
| 33) 4-Chloroaniline            | 10.62 | 127  | 56206    | 3.267 | ng    | 93     |
| 34) Hexachlorobutadiene        | 10.78 | 225  | 40188    | 4.488 | ng    | 98     |
| 35) Caprolactam                | 11.39 | 113  | 13125    | 3.057 | ng    | 93     |
| 36) 4-Chloro-3-methylphenol    | 11.74 | 107  | 58058    | 4.372 | ng    | 93     |
| 37) 2-Methylnaphthalene        | 12.12 | 142  | 143096   | 5.250 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.33 | 142  | 135810   | 5.119 | ng    | # 97   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216  | 74534    | 4.560 | ng    | 99     |

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 ALS Vial : 6 Sample Multiplier: 1

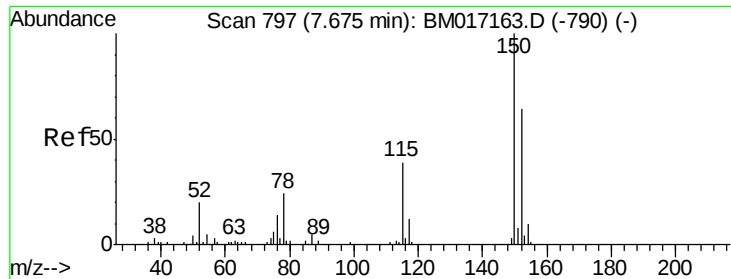
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 19 09:35:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 14:23:17 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.46 | 237  | 45143    | 5.713  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.73 | 196  | 41634    | 4.388  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.80 | 196  | 46919    | 4.611  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.14 | 154  | 190968   | 4.572  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.17 | 162  | 142910   | 4.651  | ng    | 96       |
| 48) 2-Nitroaniline             | 13.39 | 65   | 32802    | 9.018  | ng    | 94       |
| 49) Acenaphthylene             | 14.03 | 152  | 216498   | 4.861  | ng    | 99       |
| 50) Dimethylphthalate          | 13.77 | 163  | 178804   | 4.993  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.89 | 165  | 32749    | 4.155  | ng    | 91       |
| 52) Acenaphthene               | 14.37 | 154  | 133122   | 4.760  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.23 | 138  | 26200    | 3.069  | ng #  | 81       |
| 54) 2,4-Dinitrophenol          | 14.43 | 184  | 12339    | 10.621 | ng #  | 90       |
| 55) Dibenzofuran               | 14.71 | 168  | 224769   | 4.833  | ng    | 100      |
| 56) 4-Nitrophenol              | 14.54 | 139  | 23432    | 7.551  | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 14.69 | 165  | 41018    | 3.872  | ng #  | 90       |
| 58) Fluorene                   | 15.36 | 166  | 178091   | 5.174  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.94 | 232  | 45741    | 4.932  | ng    | 97       |
| 60) Diethylphthalate           | 15.15 | 149  | 172146   | 4.848  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.36 | 204  | 93506    | 4.765  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.39 | 138  | 30835    | 7.671  | ng    | 91       |
| 63) Azobenzene                 | 15.66 | 77   | 151952   | 4.402  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 22198    | 9.704  | ng    | 91       |
| 66) n-Nitrosodiphenylamine     | 15.58 | 169  | 148528   | 4.492  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.26 | 248  | 55453    | 4.621  | ng    | 90       |
| 68) Hexachlorobenzene          | 16.36 | 284  | 64882    | 4.655  | ng    | 97       |
| 69) Atrazine                   | 16.53 | 200  | 49891    | 4.216  | ng    | 98       |
| 70) Pentachlorophenol          | 16.71 | 266  | 28451    | 2.979  | ng    | 95       |
| 71) Phenanthrene               | 17.10 | 178  | 295149   | 5.005  | ng    | 100      |
| 72) Anthracene                 | 17.19 | 178  | 278010   | 4.962  | ng    | 97       |
| 73) Carbazole                  | 17.47 | 167  | 246540   | 4.308  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.04 | 149  | 253095   | 4.193  | ng    | 99       |
| 75) Fluoranthene               | 19.12 | 202  | 333871   | 5.032  | ng    | 99       |
| 77) Benzidine                  | 19.32 | 184  | 71682    | 2.182  | ng    | 98       |
| 78) Pyrene                     | 19.49 | 202  | 344784   | 4.761  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.40 | 149  | 105352   | 10.428 | ng    | 90       |
| 81) Benzo(a)anthracene         | 21.24 | 228  | 369253   | 5.064  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 82938    | 3.052  | ng    | 98       |
| 83) Chrysene                   | 21.29 | 228  | 361819   | 5.014  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 157845   | 8.638  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.05 | 149  | 263348   | 8.831  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.67 | 276  | 412305   | 5.108  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 22.80 | 252  | 378637   | 5.176  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.84 | 252  | 342916   | 4.672  | ng    | 98       |
| 90) Benzo(a)pyrene             | 23.37 | 252  | 342650   | 4.934  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.69 | 278  | 349550   | 5.069  | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 26.35 | 276  | 354524   | 5.187  | ng    | 98       |

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



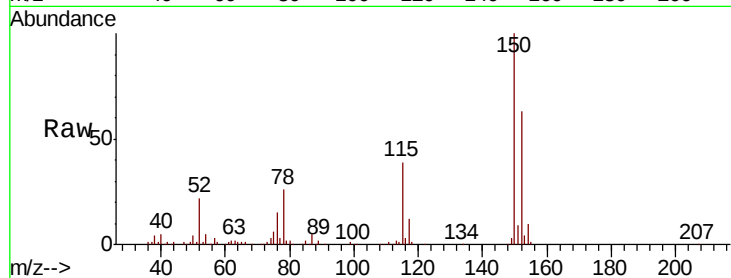


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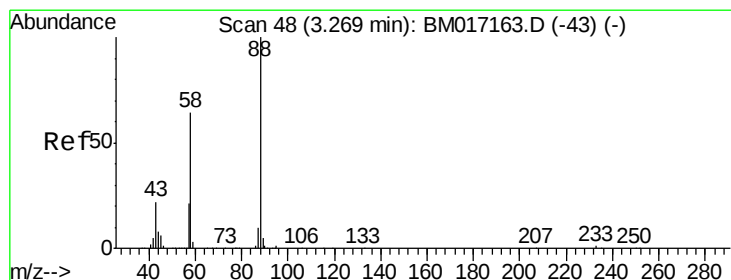
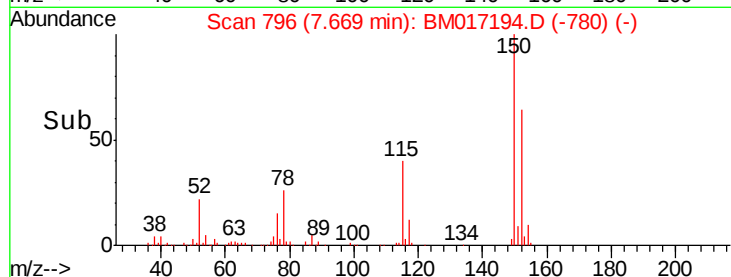
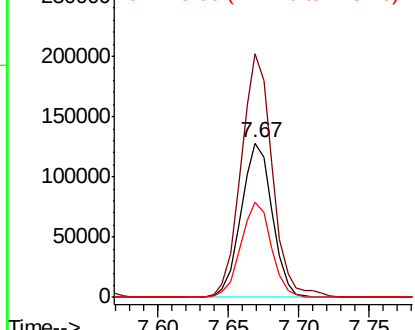
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.67 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.6 | 124.3 | 186.5 |
| 115     | 61.8  | 48.1  | 72.1  |



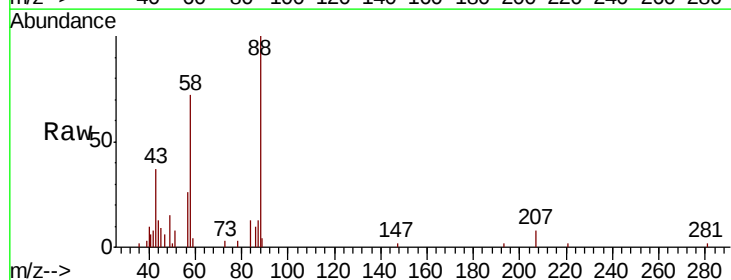
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



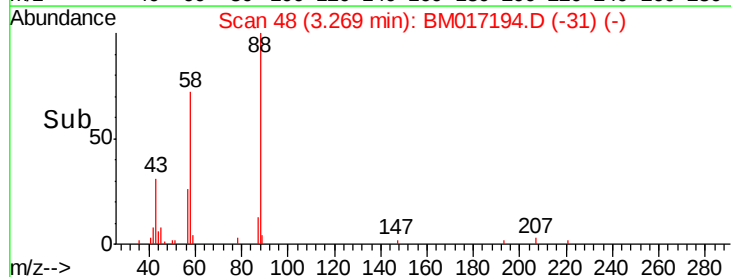
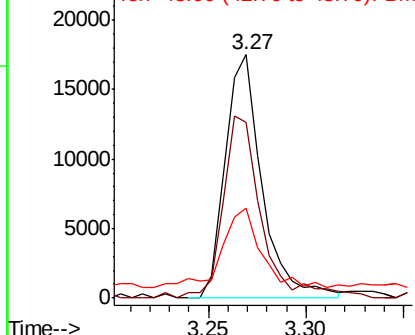
#2

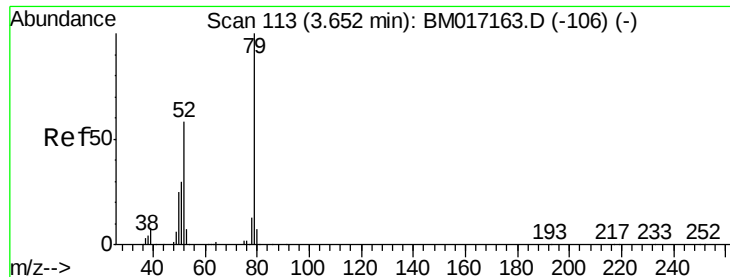
1,4-Dioxane  
Concen: 3.839 ng  
RT: 3.27 min Scan# 48  
Delta R.T. -0.00 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 78.7  | 50.2  | 75.4# |
| 43      | 33.9  | 19.3  | 28.9# |



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





#3

Pvridine

Concen: 4.453 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

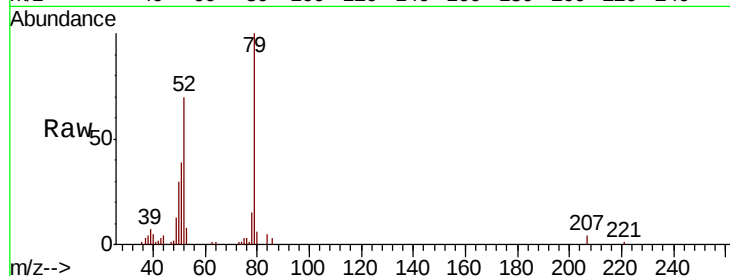
Tot Ion: 79 Resp: 61045

Ion Ratio Lower Upper

79 100

52 69.7 46.5 69.7

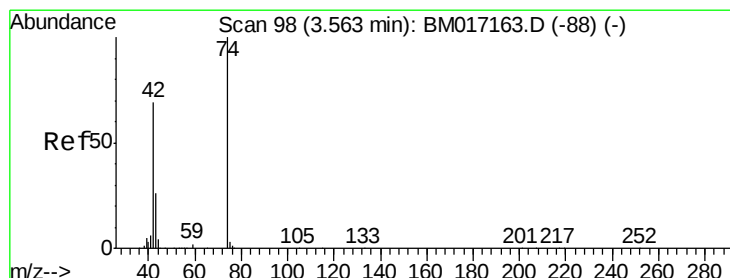
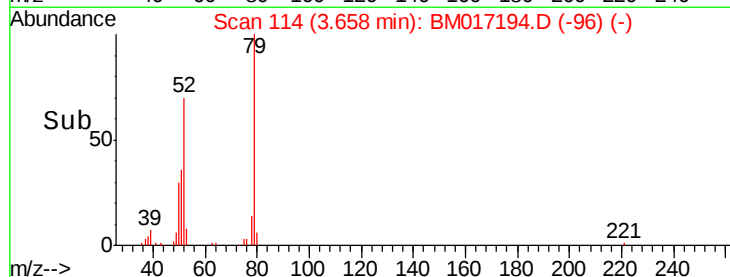
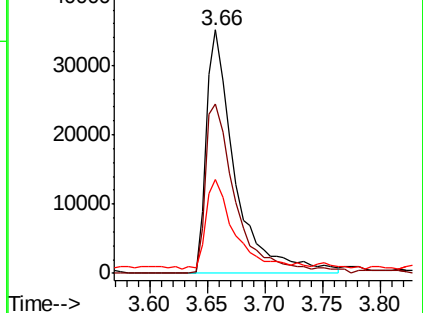
51 38.6 24.6 37.0#



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 5.454 ng

RT: 3.57 min Scan# 99

Delta R.T. 0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

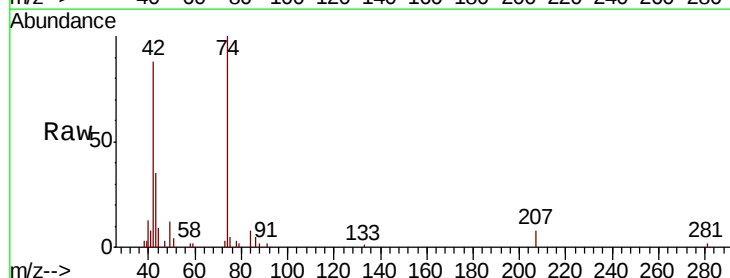
Tgt Ion: 42 Resp: 30015

Ion Ratio Lower Upper

42 100

74 113.9 114.4 171.6#

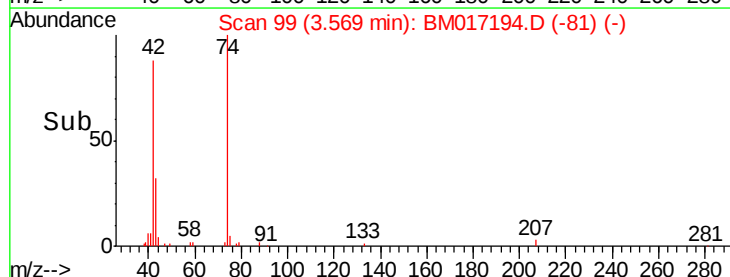
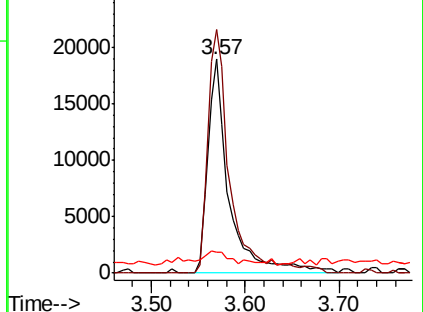
44 9.7 48.6 73.0#

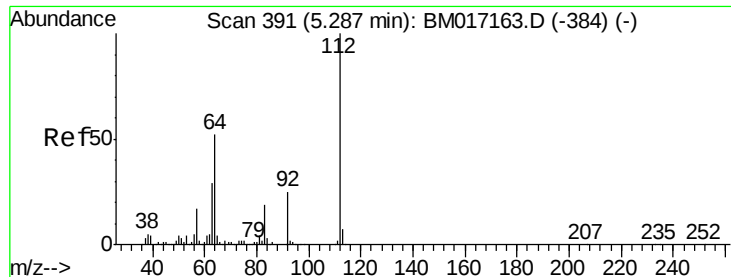


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 133.448 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

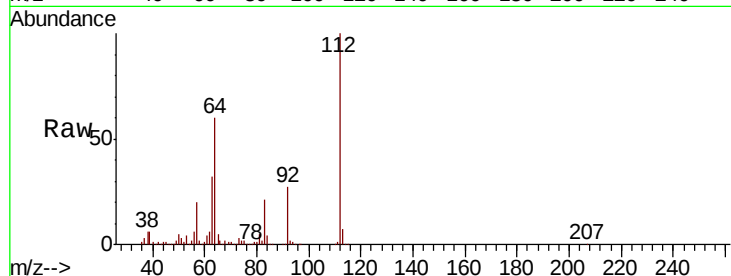
Tot Ion:112 Resp: 1557019

Ion Ratio Lower Upper

112 100

64 59.7 41.7 62.5

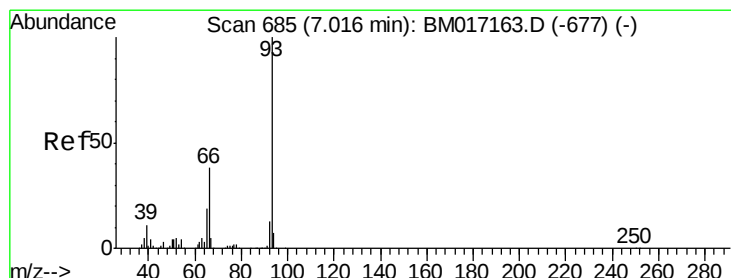
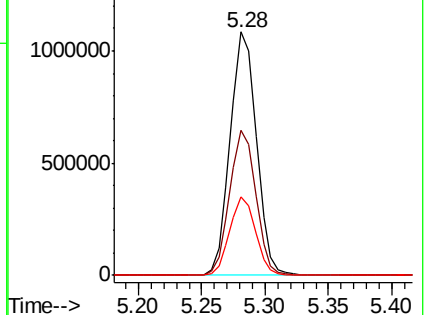
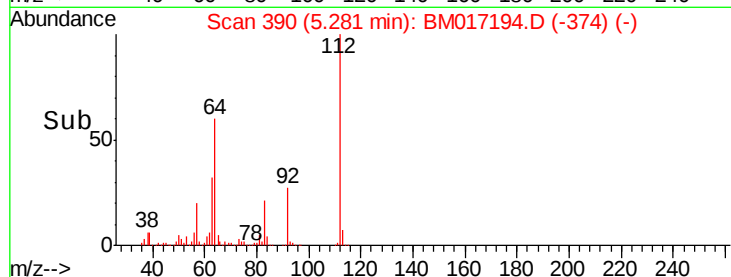
63 32.3 23.0 34.4



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: 3.432 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

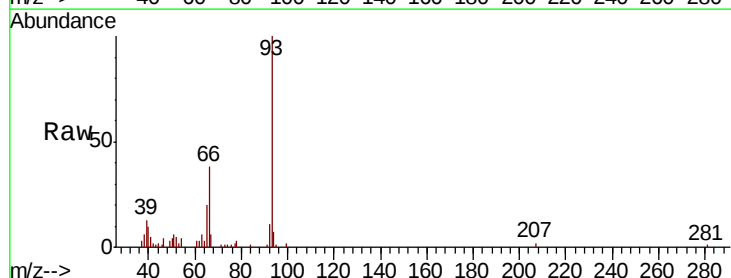
Tgt Ion: 93 Resp: 68221

Ion Ratio Lower Upper

93 100

66 38.4 30.4 45.6

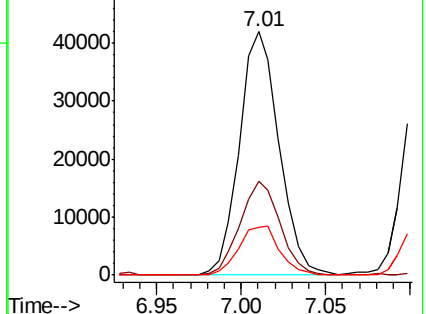
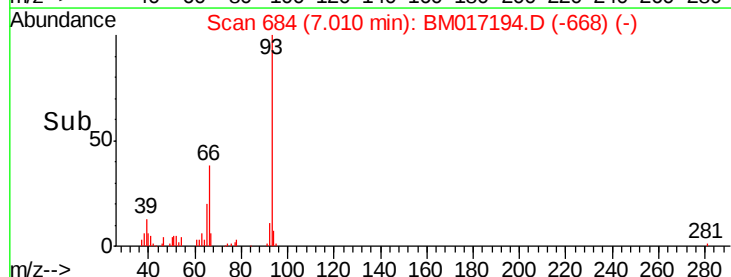
65 19.6 15.3 22.9

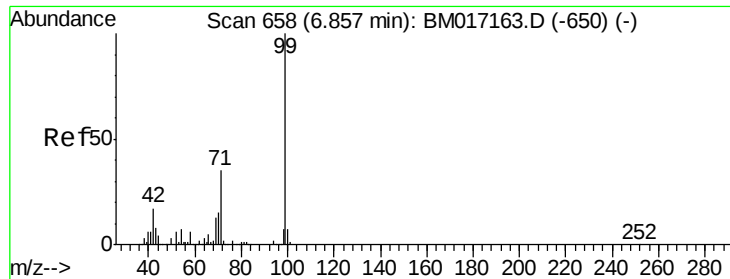


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 127.212 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

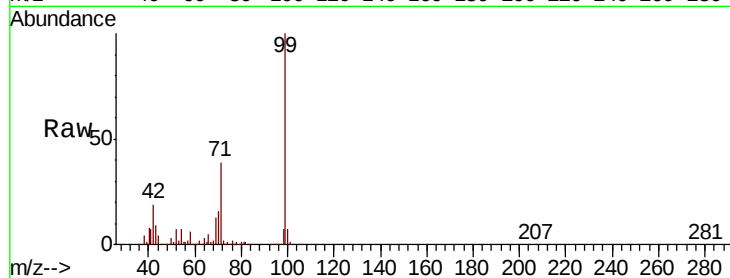
Tot Ion: 99 Resp: 2021471

Ion Ratio Lower Upper

99 100

42 19.2 13.3 19.9

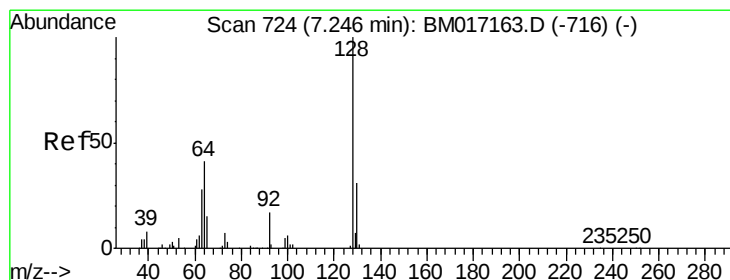
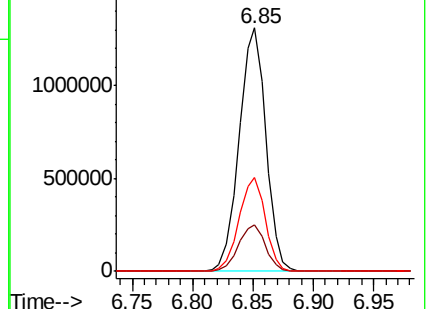
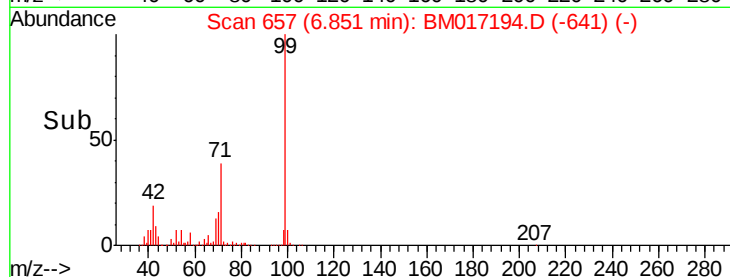
71 38.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 4.754 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

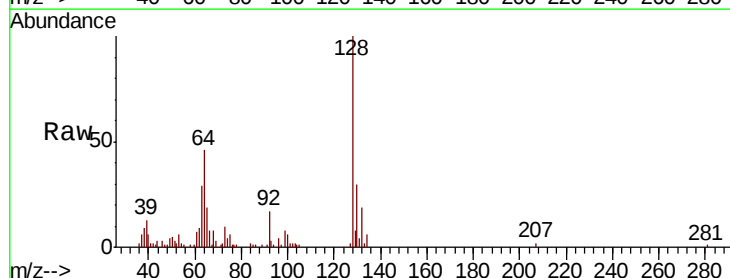
Tgt Ion: 128 Resp: 64176

Ion Ratio Lower Upper

128 100

130 30.0 11.0 51.0

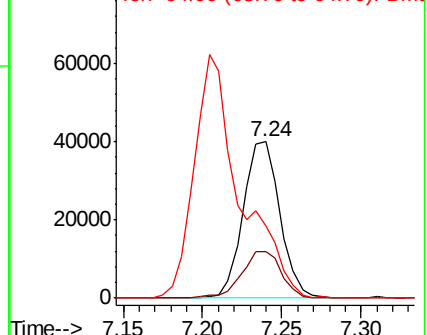
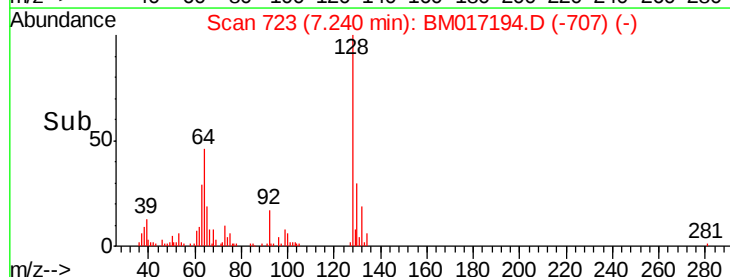
64 46.0 24.1 64.1

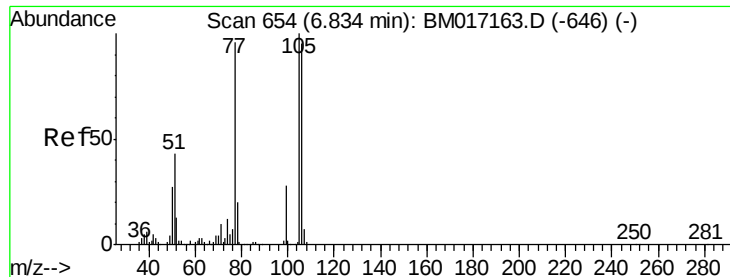


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 5.047 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

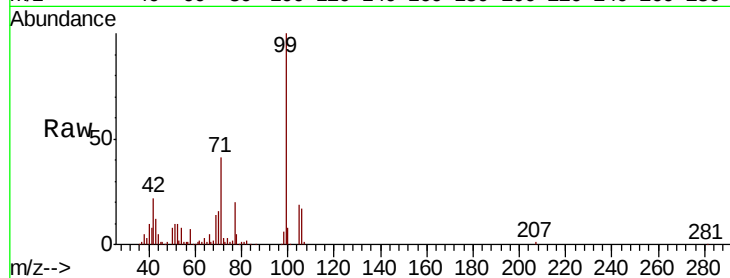
Tot Ion: 77 Resp: 51138

Ion Ratio Lower Upper

77 100

105 95.1 83.9 123.9

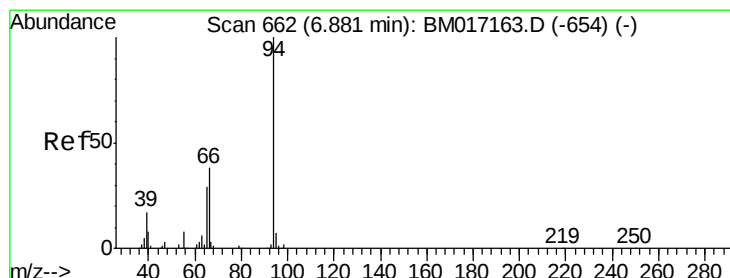
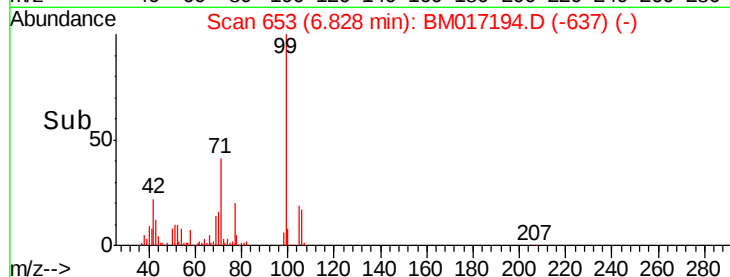
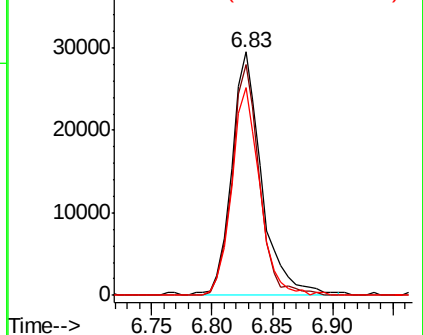
106 85.1 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-646) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-646) (-)

Ion 106.00 (105.70 to 106.70): BM017163.D (-646) (-)



#10

Phenol

Concen: 4.643 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

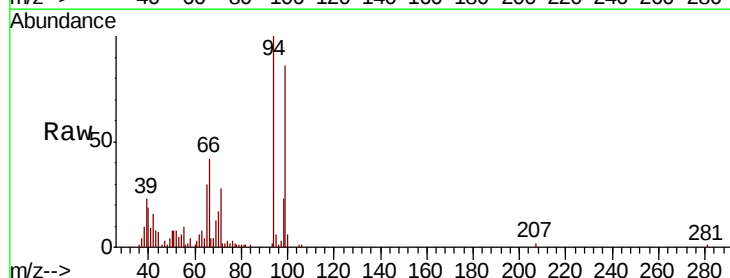
Tgt Ion: 94 Resp: 79411

Ion Ratio Lower Upper

94 100

65 30.2 9.4 49.4

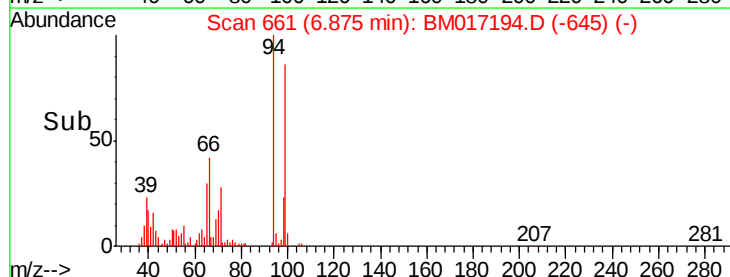
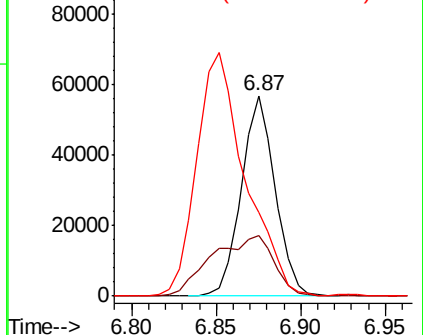
66 42.0 19.0 59.0

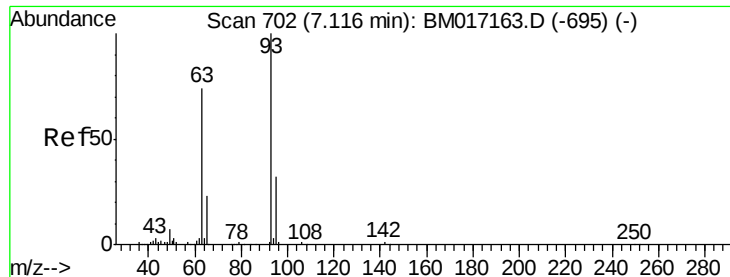


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)

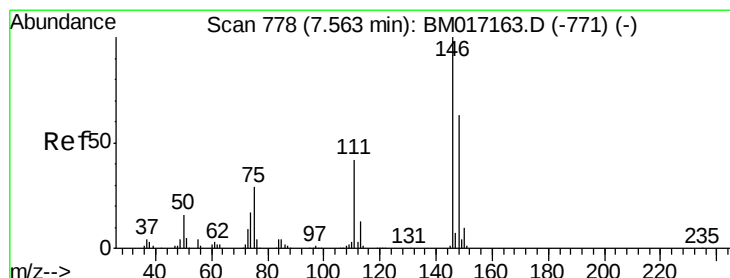
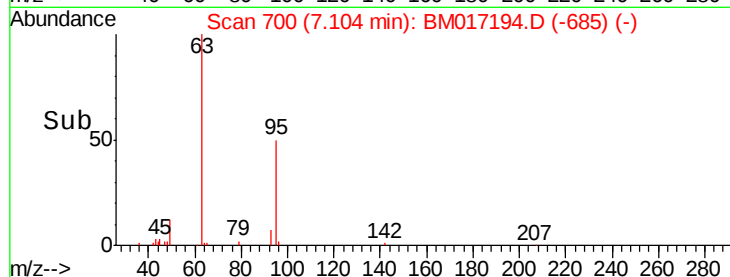
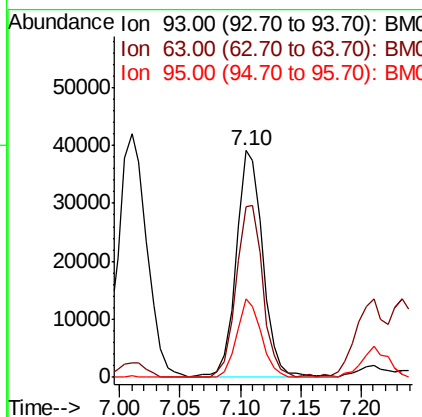
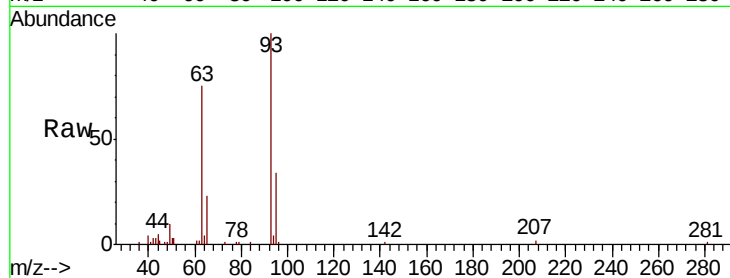




#11  
bis(2-Chloroethyl)ether  
Concen: 4.438 ng  
RT: 7.10 min Scan# 700  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

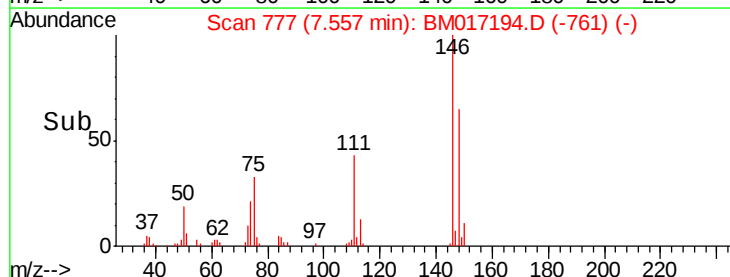
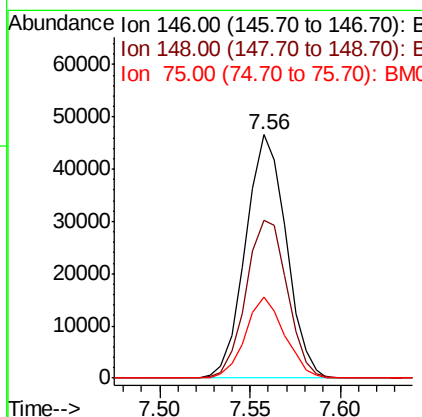
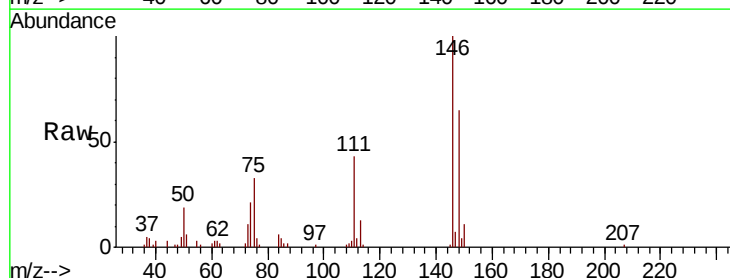
Instrument :  
BNA\_M  
ClientSampleId :

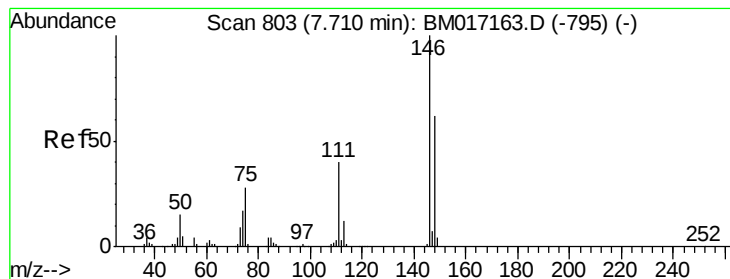
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.3  | 54.0  | 94.0  |
| 95      | 34.4  | 11.8  | 51.8  |



#12  
1,3-Dichlorobenzene  
Concen: 4.600 ng  
RT: 7.56 min Scan# 777  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 50.2  | 75.4  |
| 75      | 33.4  | 23.3  | 34.9  |





#13

1,4-Dichlorobenzene

Concen: 4.623 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

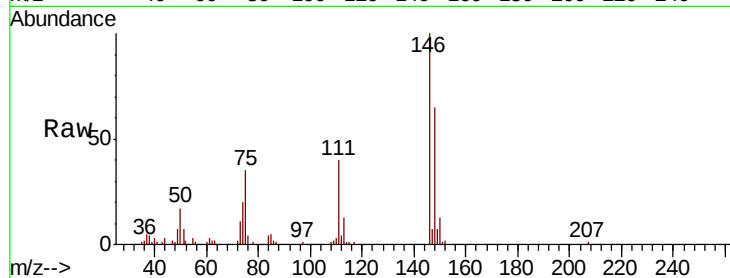
Tot Ion:146 Resp: 74319

Ion Ratio Lower Upper

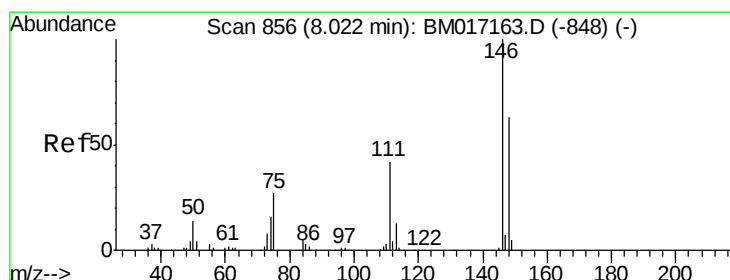
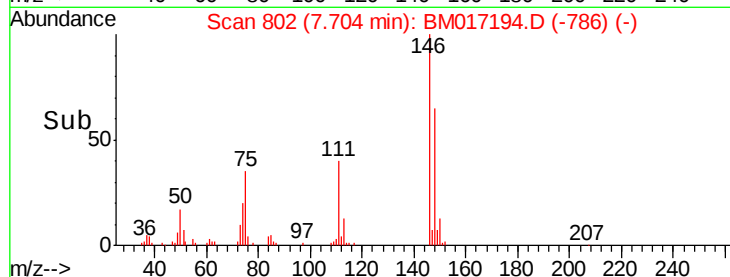
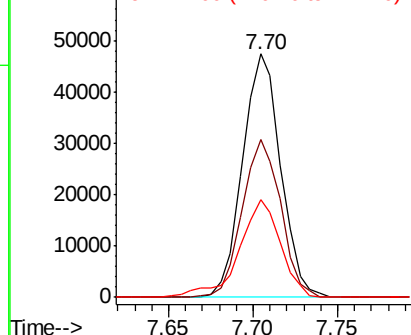
146 100

148 64.6 49.8 74.6

111 40.3 32.1 48.1



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: 4.596 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

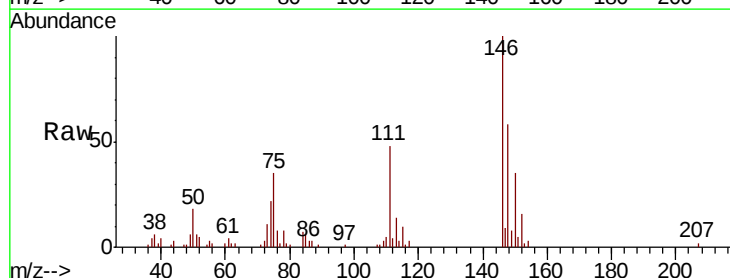
Tgt Ion:146 Resp: 71180

Ion Ratio Lower Upper

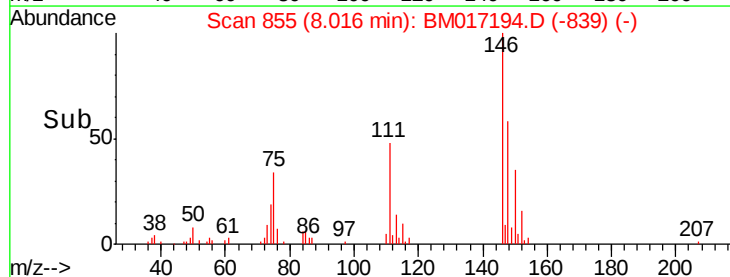
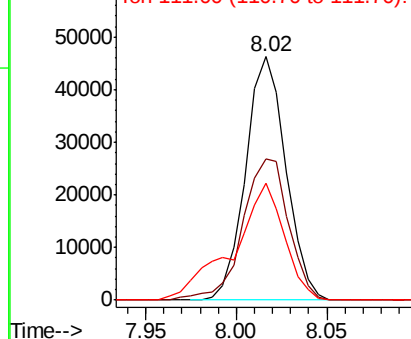
146 100

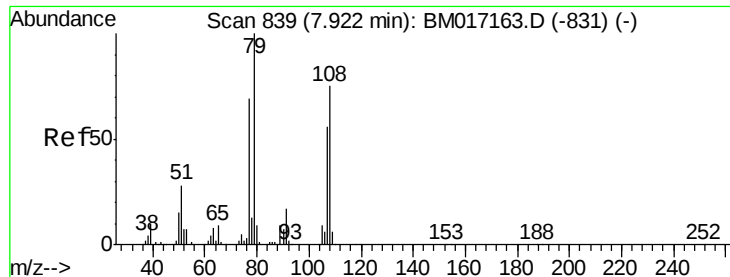
148 58.2 50.8 76.2

111 48.1 33.8 50.6



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: 4.392 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampled :

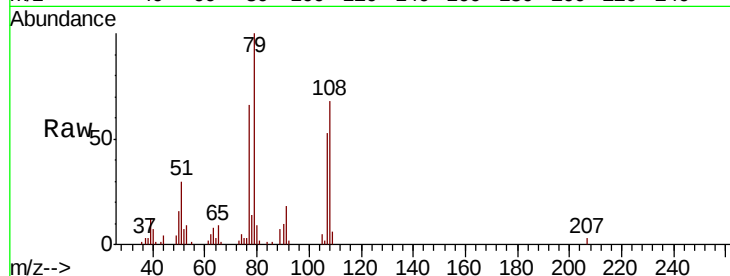
Tot Ion: 79 Resp: 51013

Ion Ratio Lower Upper

79 100

108 67.5 60.3 90.5

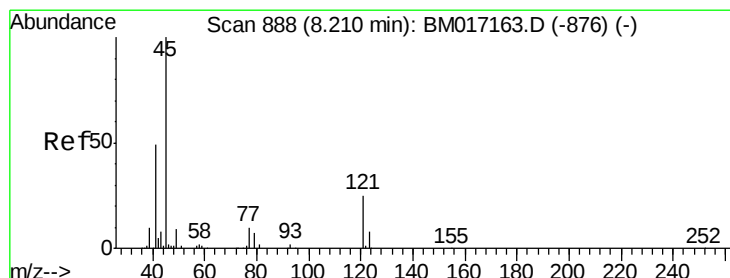
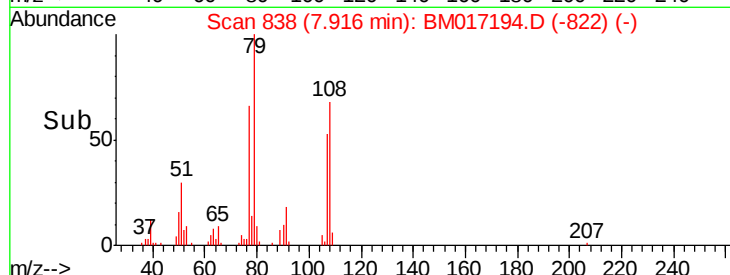
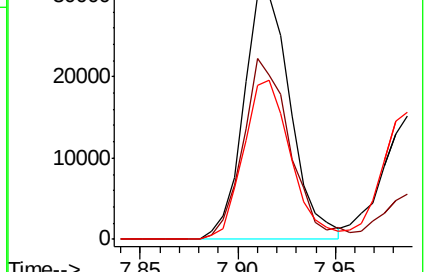
77 65.6 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.336 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

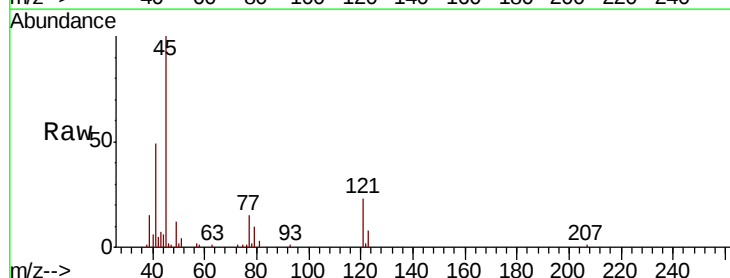
Tgt Ion: 45 Resp: 82587

Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.5

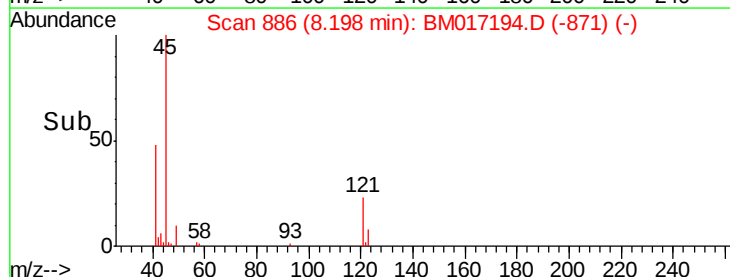
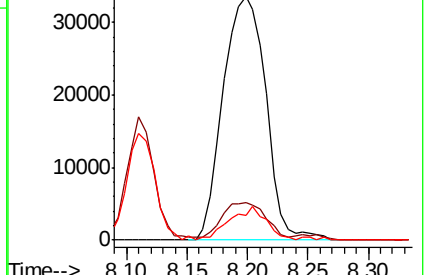
79 10.4 0.0 32.1



Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)

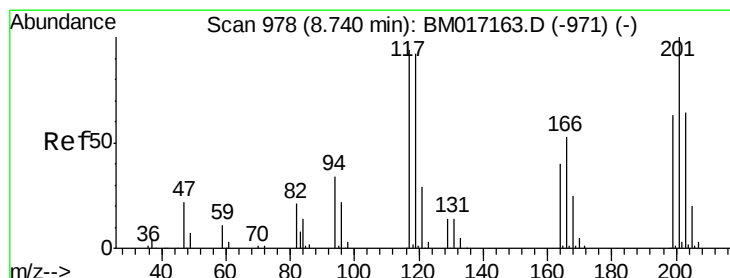
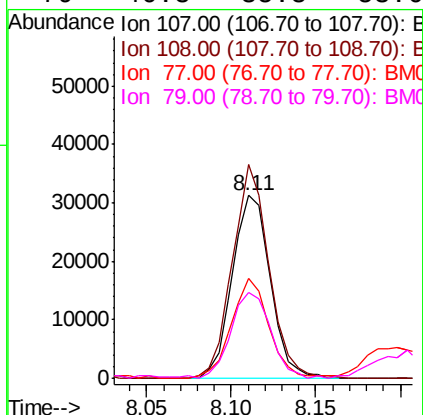
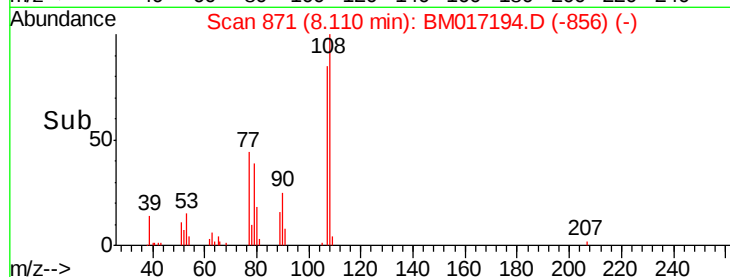
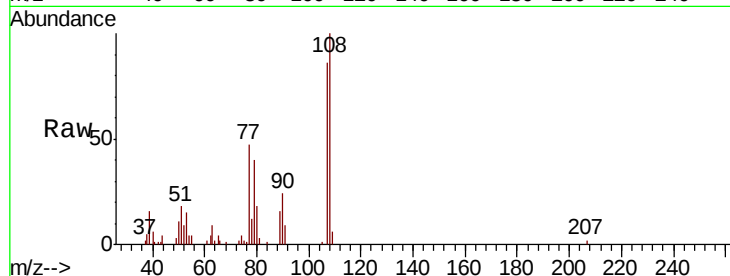




#17  
2-Methylphenol  
Concen: 4.467 ng  
RT: 8.11 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

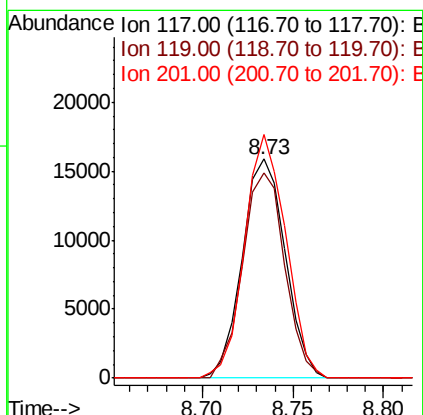
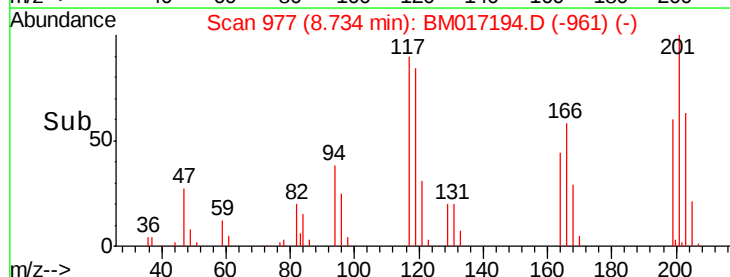
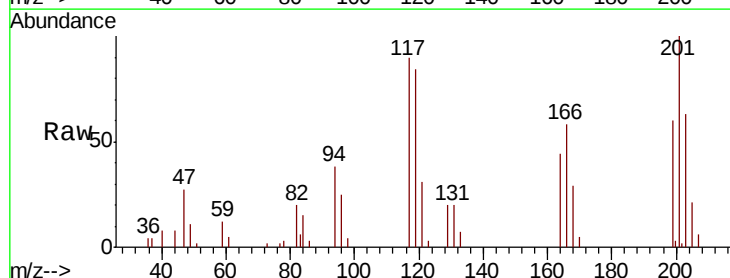
Instrument :  
BNA\_M  
ClientSampled :

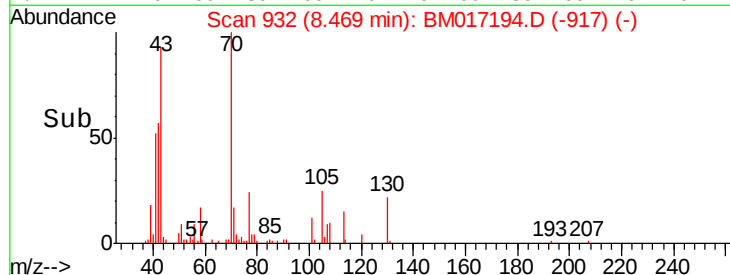
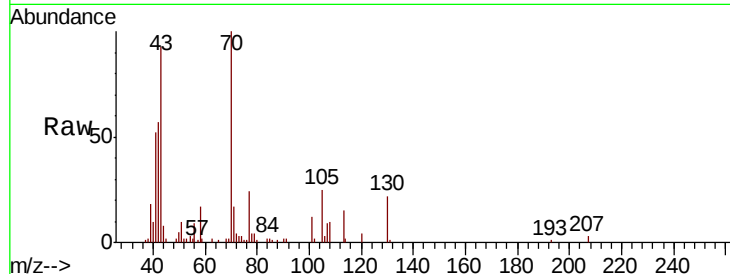
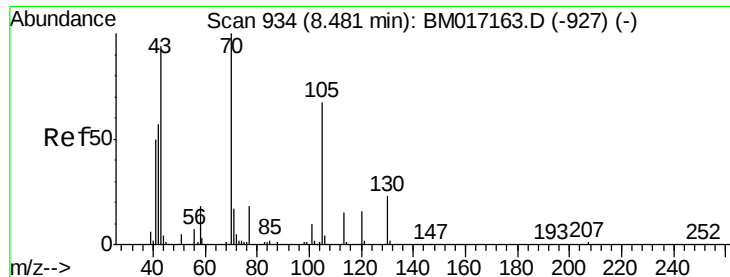
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 49037 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 116.8 | 90.3  | 135.5 |
| 77       | 54.4  | 37.0  | 55.4  |
| 79       | 46.8  | 35.8  | 53.6  |



#18  
Hexachloroethane  
Concen: 4.761 ng  
RT: 8.73 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 26195 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.6  | 78.2  | 117.2 |
| 201      | 111.1 | 85.3  | 127.9 |

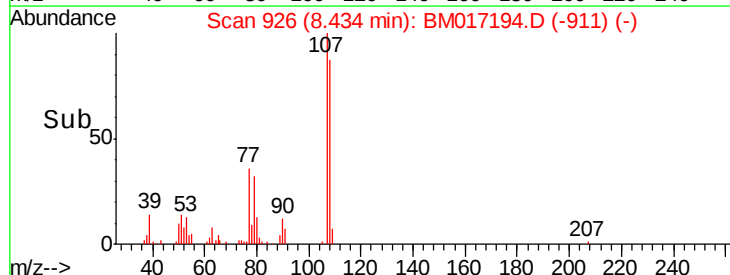
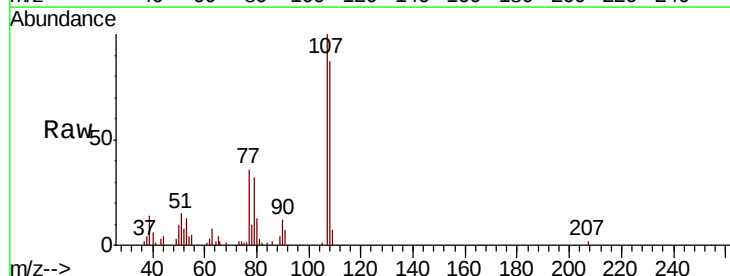
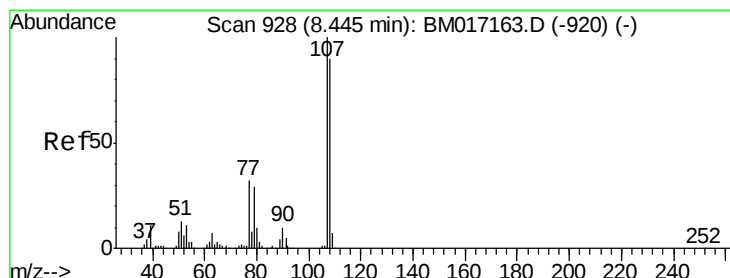
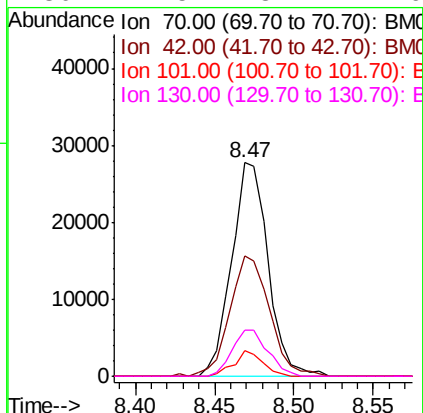




#19  
n-Nitroso-di-n-propylamine  
Concen: 4.218 ng  
RT: 8.47 min Scan# 932  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

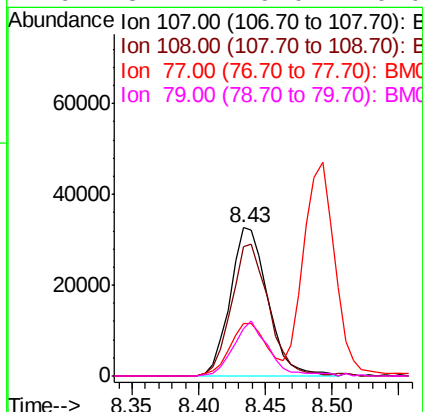
Instrument :  
BNA\_M  
ClientSampleId :

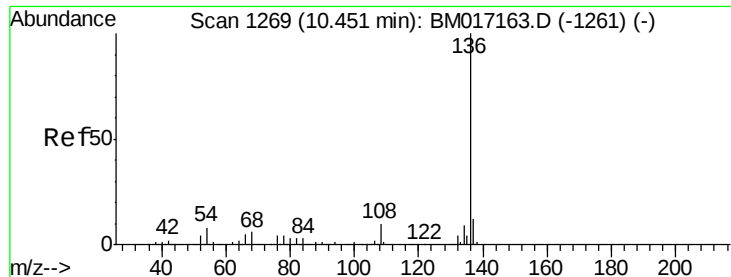
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 44136 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 56.6  | 46.1  | 69.1  |
| 101      | 12.1  | 8.2   | 12.4  |
| 130      | 21.5  | 18.4  | 27.6  |



#20  
3+4-Methylphenols  
Concen: 4.280 ng  
RT: 8.43 min Scan# 926  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 64253 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 87.0  | 69.9  | 109.9 |
| 77       | 35.8  | 12.2  | 52.2  |
| 79       | 32.2  | 9.0   | 49.0  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 812810

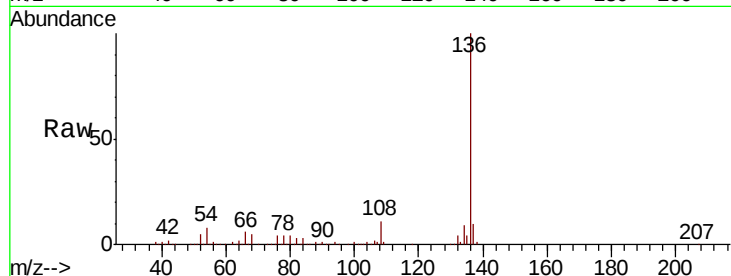
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.6 6.7 10.1

68 5.2 4.7 7.1

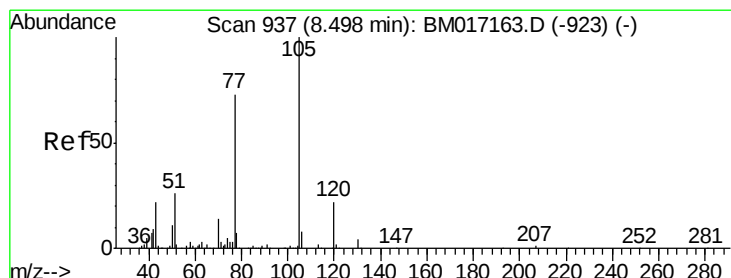
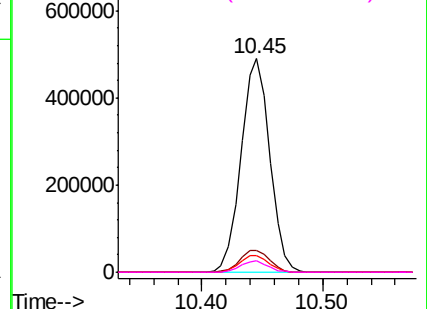
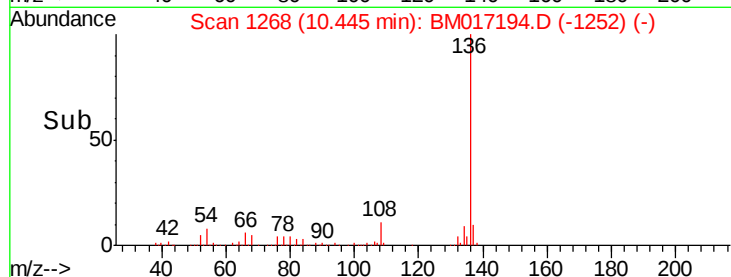


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.544 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Tgt Ion:105 Resp: 93622

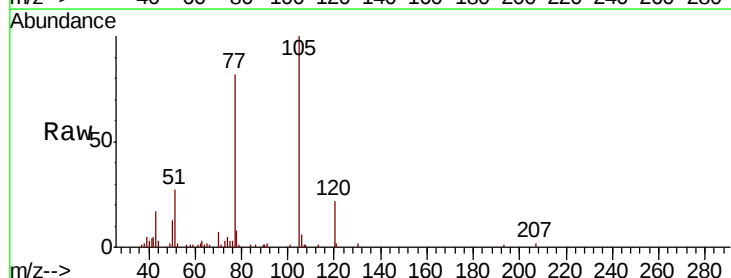
Ion Ratio Lower Upper

105 100

71 1.0 2.0 3.0#

51 27.2 20.6 31.0

120 21.5 17.5 26.3

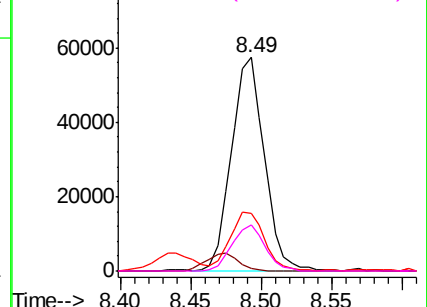
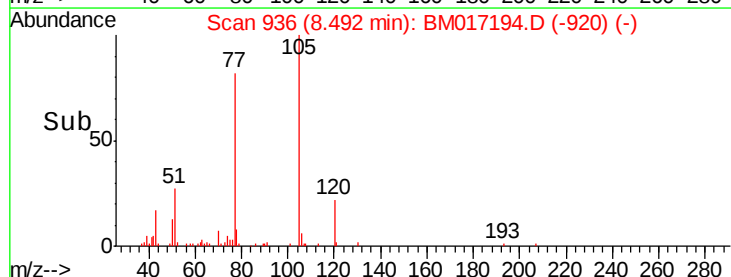


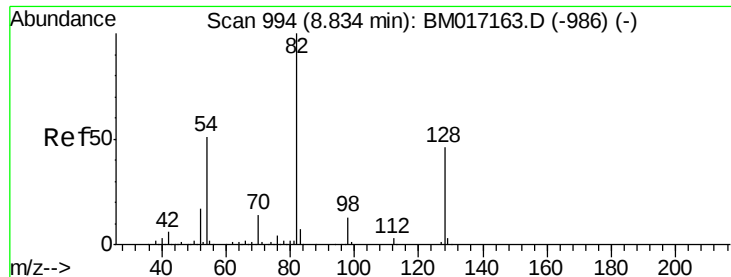
Abundance Ion 105.00 (104.70 to 105.70): E

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

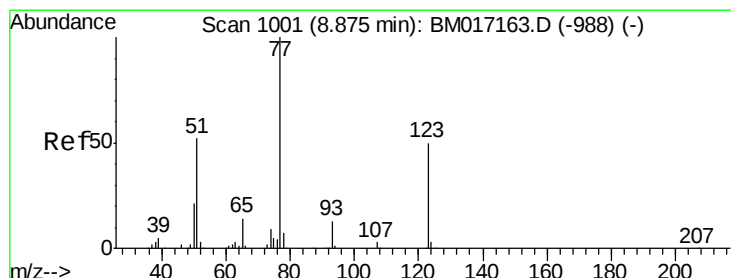
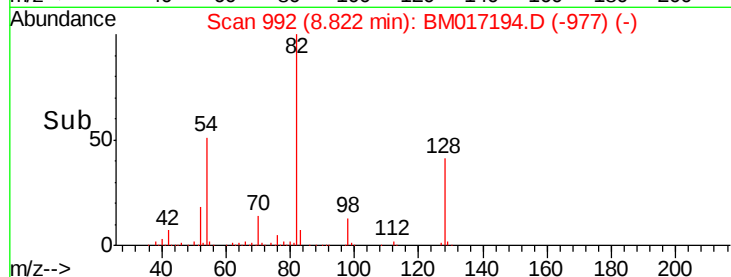
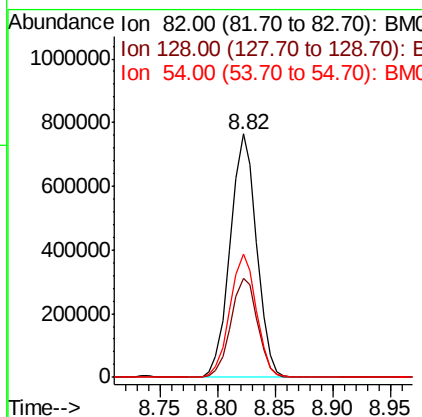
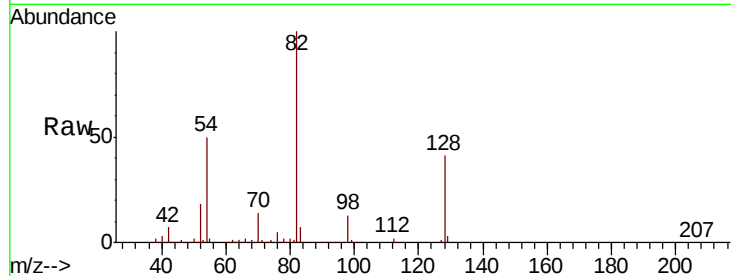




#23  
Nitrobenzene-d5  
Concen: 87.249 ng  
RT: 8.82 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

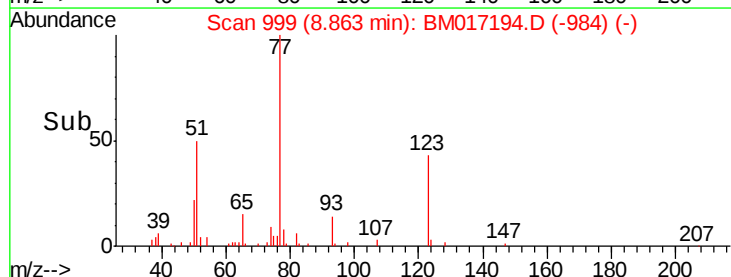
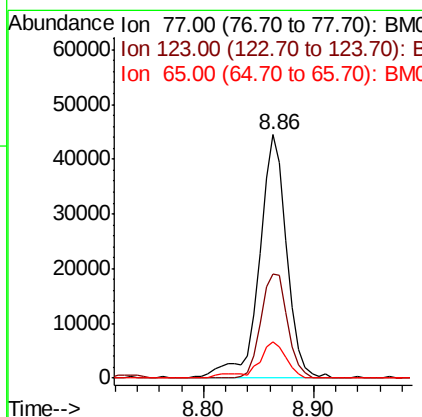
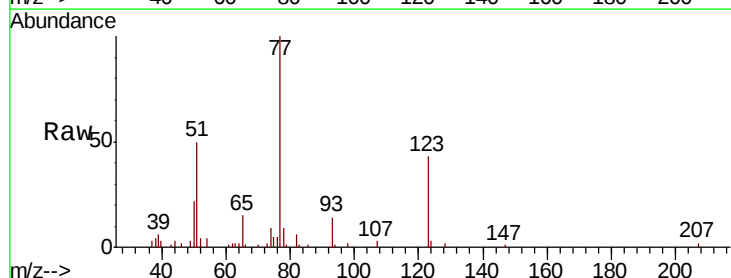
Instrument :  
BNA\_M  
ClientSampled :

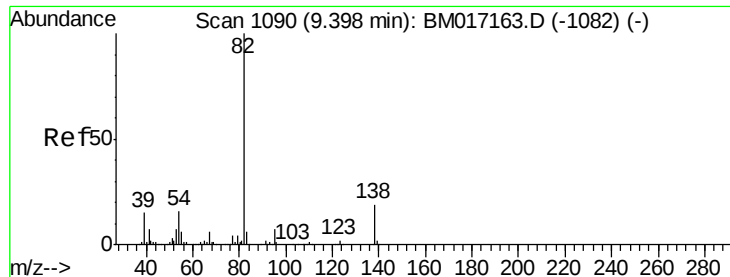
Tot Ion: 82 Resp: 1212555  
Ion Ratio Lower Upper  
82 100  
128 40.8 37.0 55.6  
54 50.4 40.7 61.1



#24  
Nitrobenzene  
Concen: 5.257 ng  
RT: 8.86 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion: 77 Resp: 77275  
Ion Ratio Lower Upper  
77 100  
123 42.5 40.2 60.4  
65 14.7 11.4 17.0





#25

Isophorone

Concen: 5.074 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampled :

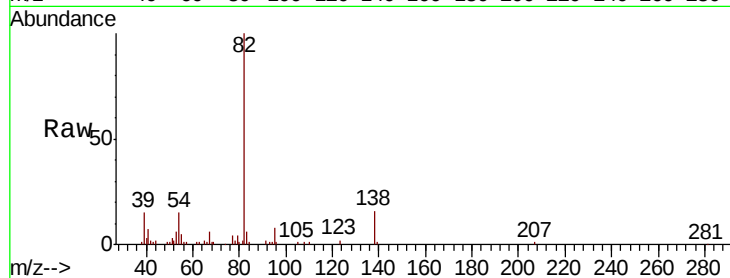
Tot Ion: 82 Resp: 116437

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

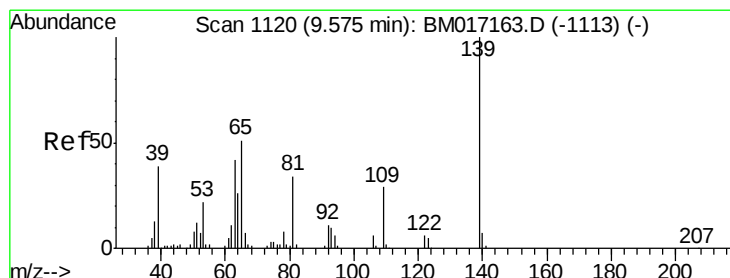
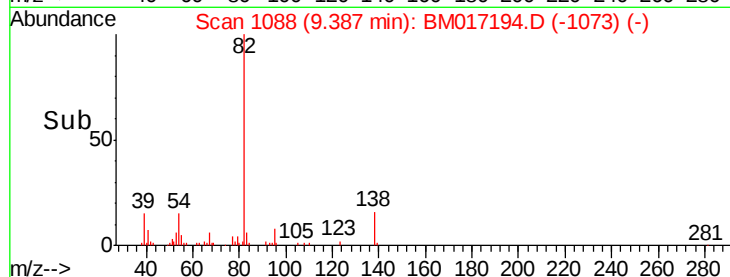
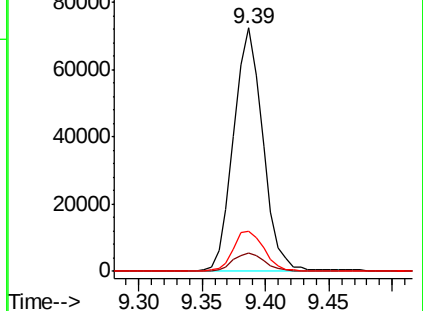
138 16.4 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)



#26

2-Nitrophenol

Concen: 9.045 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

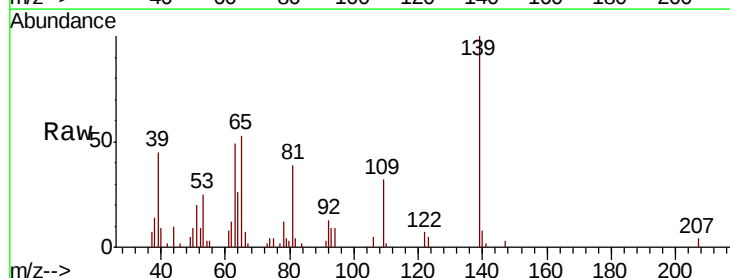
Tgt Ion: 139 Resp: 26093

Ion Ratio Lower Upper

139 100

109 32.3 23.2 34.8

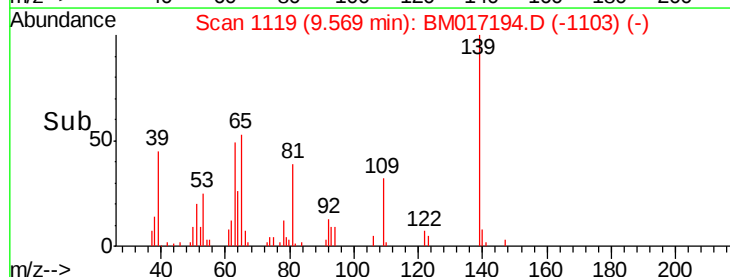
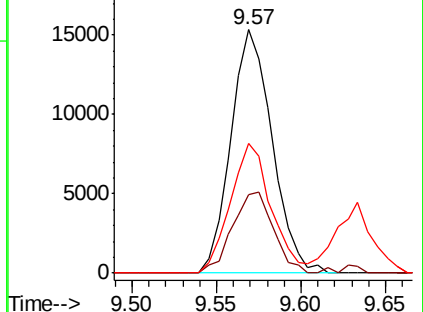
65 53.5 40.6 61.0

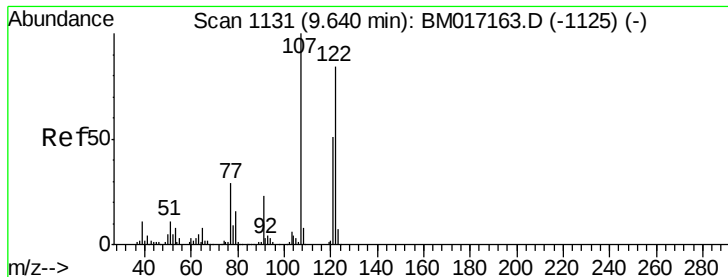


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)

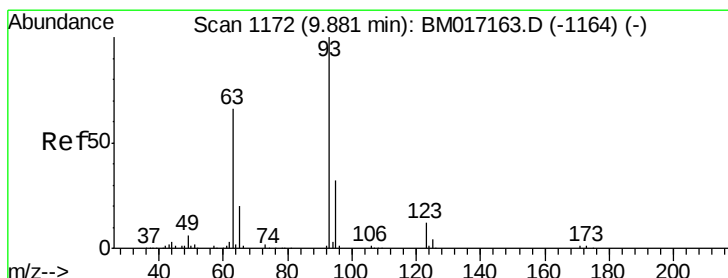
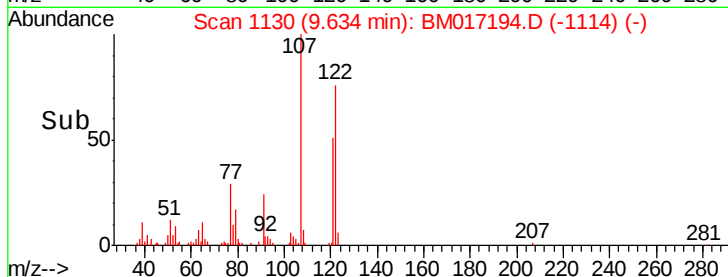
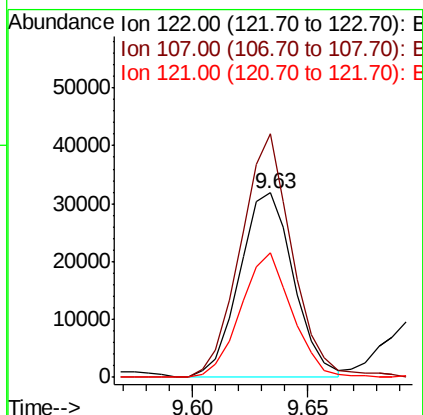
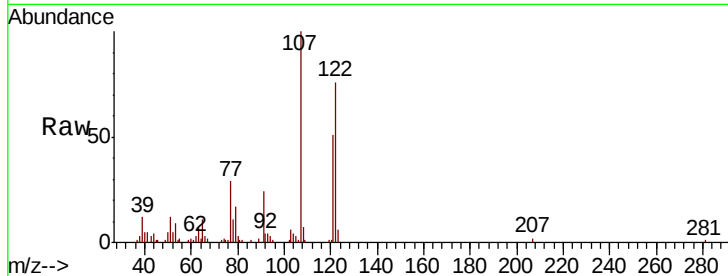




#27  
2,4-Dimethylphenol  
Concen: 5.137 ng  
RT: 9.63 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

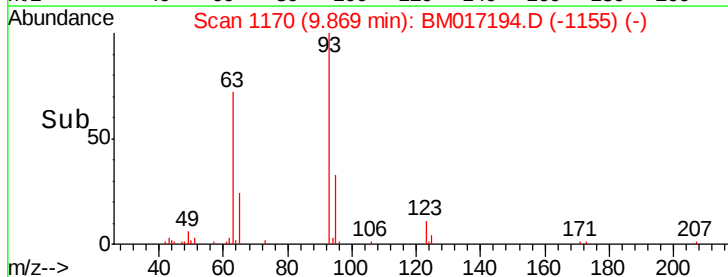
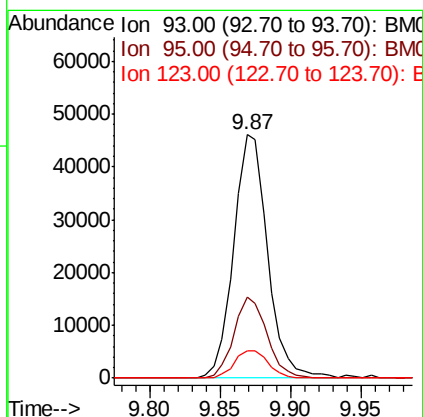
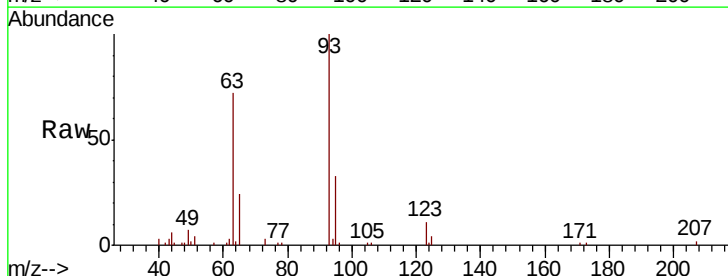
Instrument :  
BNA\_M  
ClientSampled :

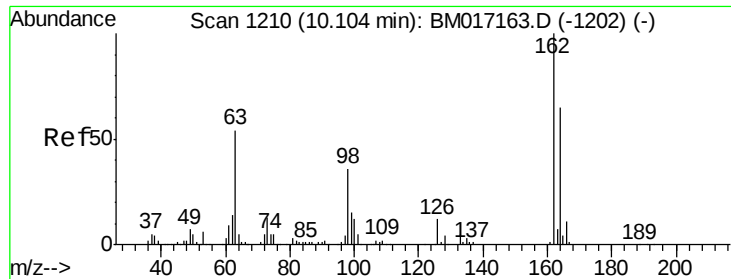
Tot Ion:122 Resp: 52125  
Ion Ratio Lower Upper  
122 100  
107 132.0 95.0 142.6  
121 67.2 48.2 72.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 4.781 ng  
RT: 9.87 min Scan# 1170  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion: 93 Resp: 77222  
Ion Ratio Lower Upper  
93 100  
95 33.3 25.7 38.5  
123 11.0 9.4 14.0

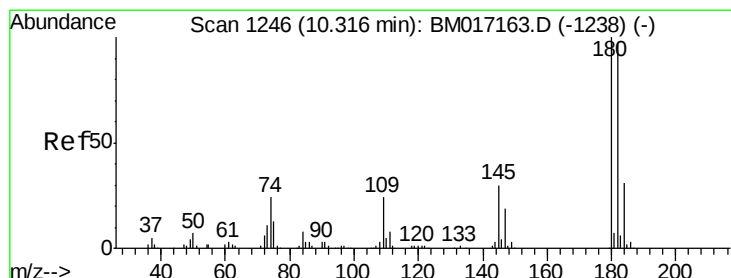
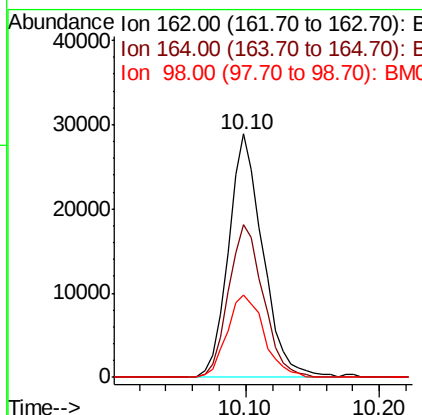
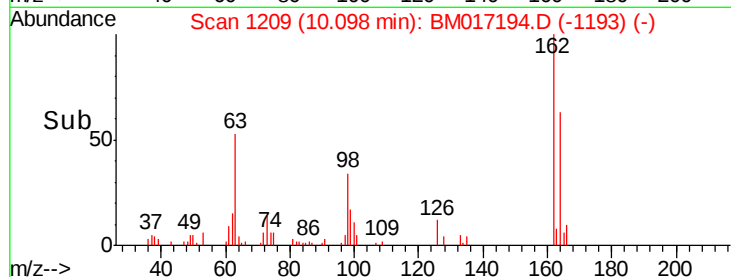
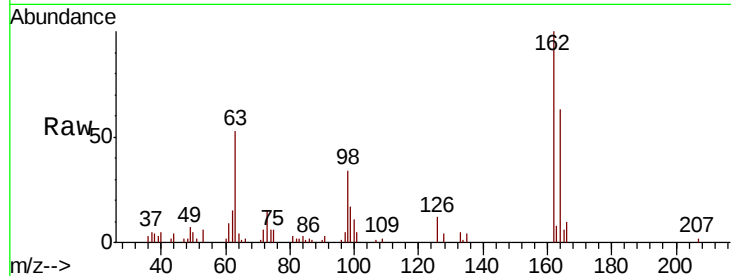




#29  
2,4-Dichlorophenol  
Concen: 4.382 ng  
RT: 10.10 min Scan# 1209  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

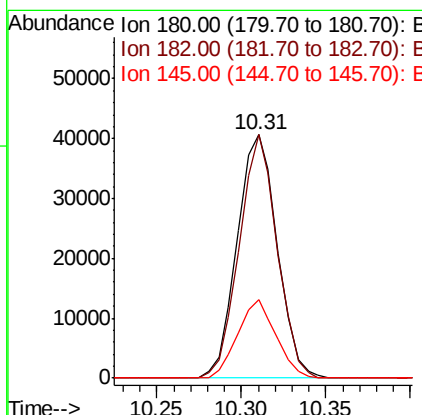
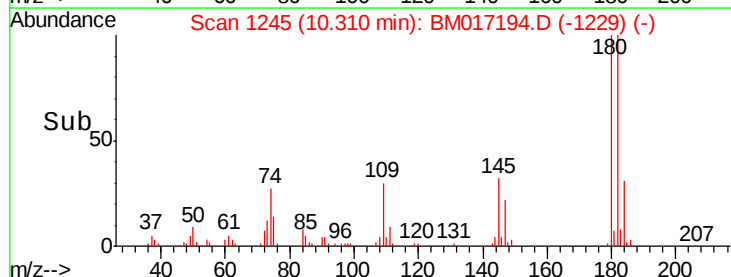
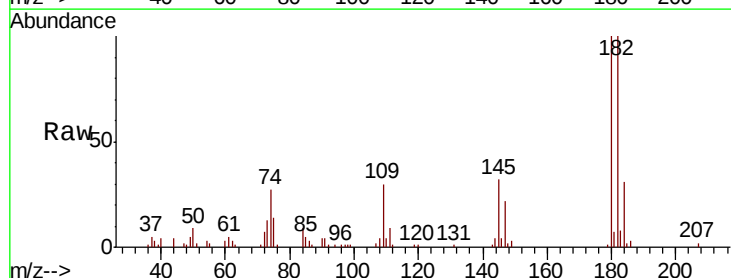
Instrument :  
BNA\_M  
ClientSampleId :

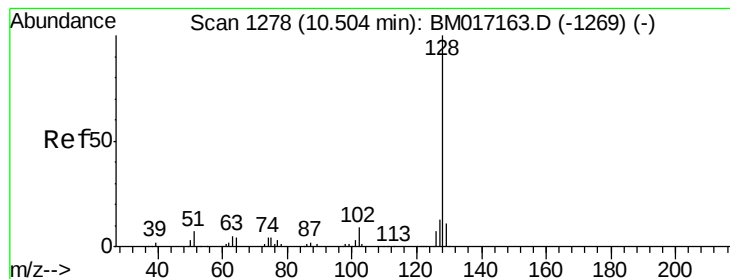
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.5  | 44.9  | 84.9  |
| 98      | 34.0  | 15.8  | 55.8  |



#30  
1,2,4-Trichlorobenzene  
Concen: 4.734 ng  
RT: 10.31 min Scan# 1245  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 100.0 | 77.5  | 116.3 |
| 145     | 32.0  | 24.0  | 36.0  |





#31

Naphthalene

Concen: 4.903 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampled :

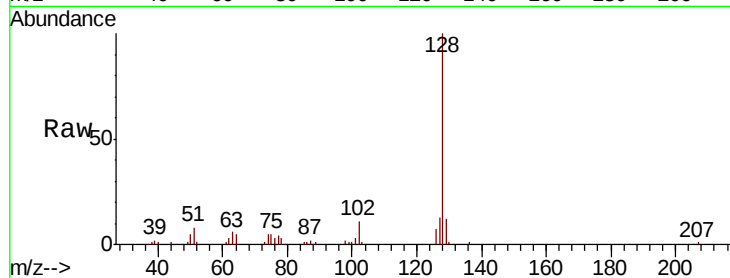
Tot Ion:128 Resp: 195280

Ion Ratio Lower Upper

128 100

129 12.4 8.5 12.7

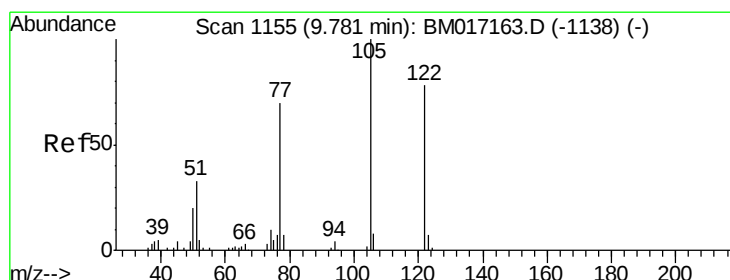
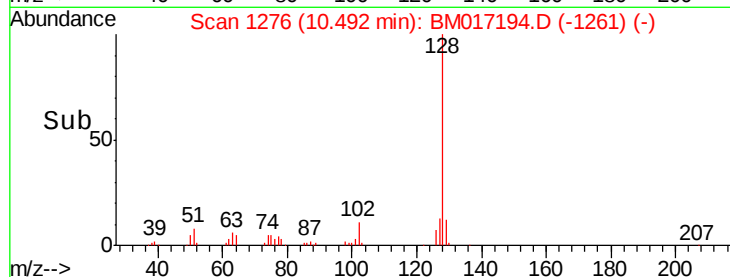
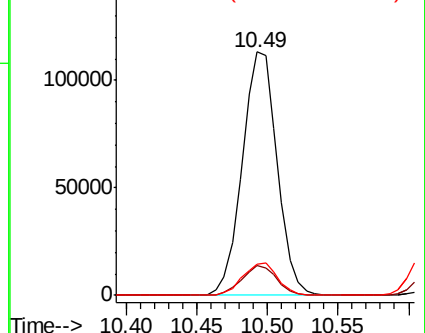
127 12.9 10.3 15.5



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: 0.142 ng

RT: 9.77 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

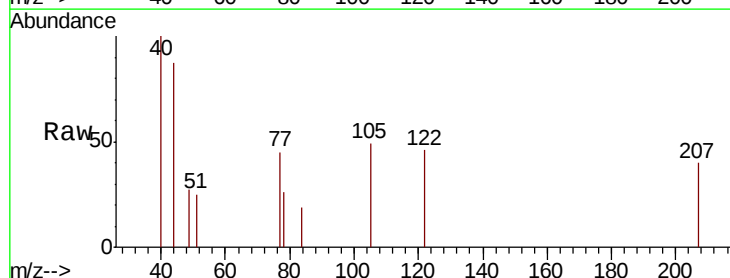
Tgt Ion:122 Resp: 1076

Ion Ratio Lower Upper

122 100

105 108.6 102.0 142.0

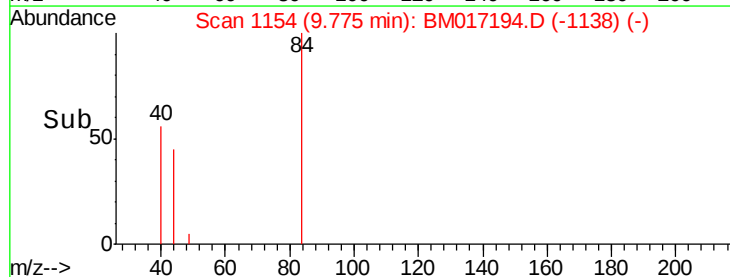
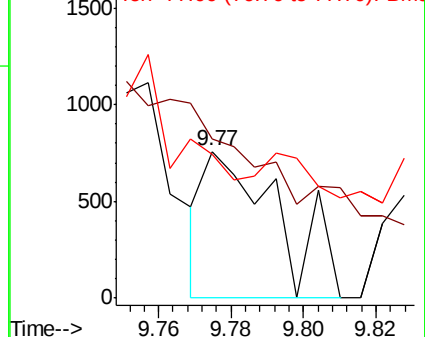
77 98.4 67.7 107.7



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

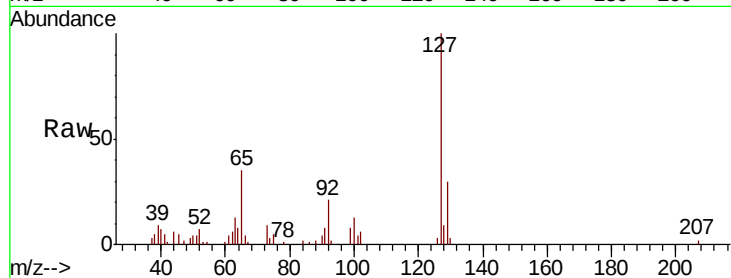




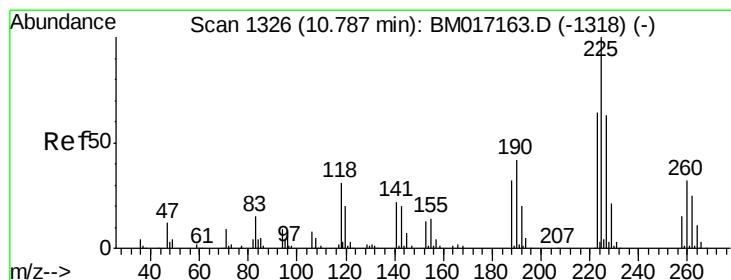
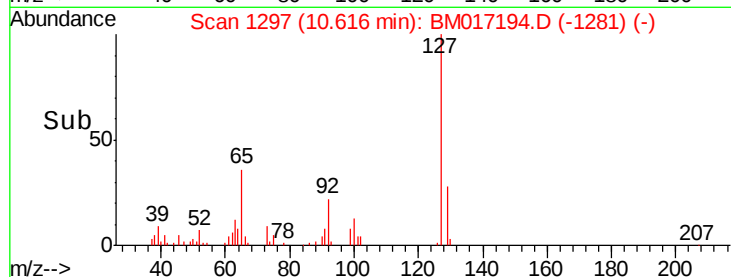
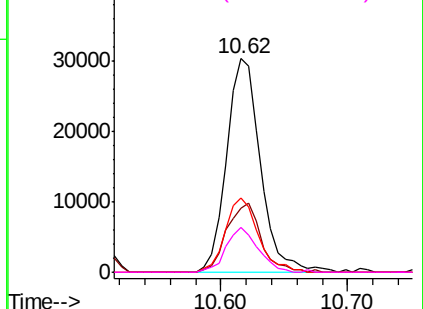
#33  
4-Chloroaniline  
Concen: 3.267 ng  
RT: 10.62 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:127 | Resp: | 56206       |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 30.1  | 26.2 39.4   |
| 65          | 34.7  | 23.7 35.5   |
| 92          | 20.9  | 14.3 21.5   |

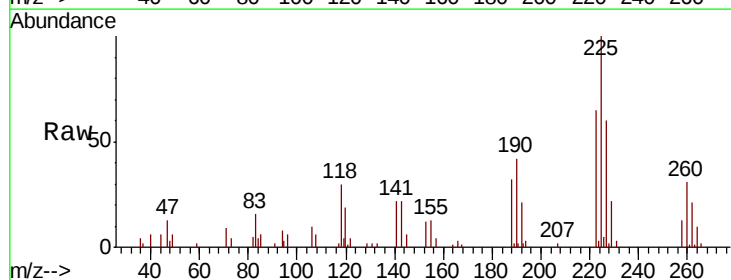


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

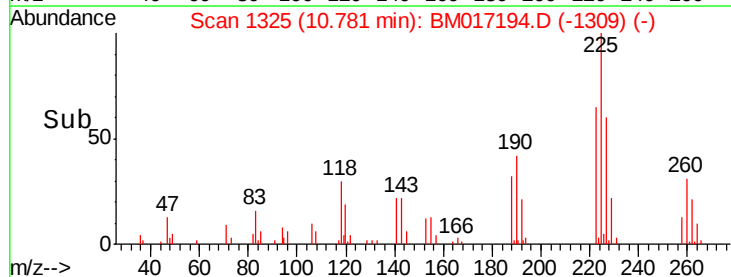
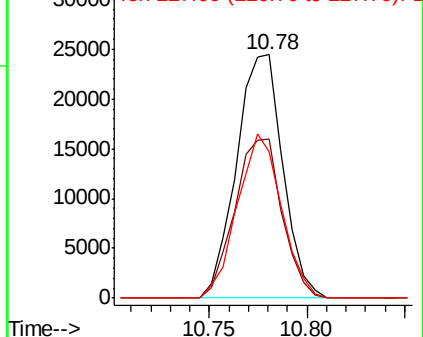


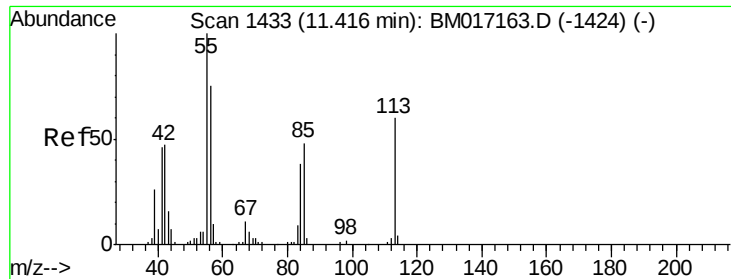
#34  
Hexachlorobutadiene  
Concen: 4.488 ng  
RT: 10.78 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 40188       |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 65.1  | 51.0 76.6   |
| 227         | 62.3  | 50.8 76.2   |



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

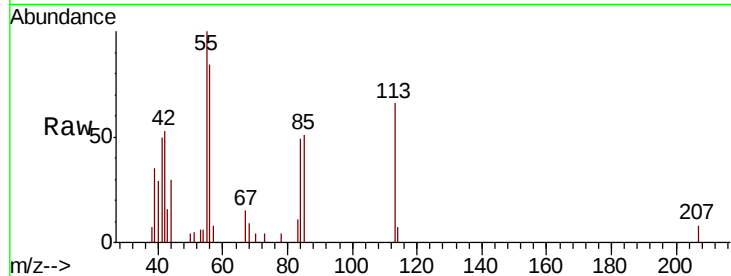




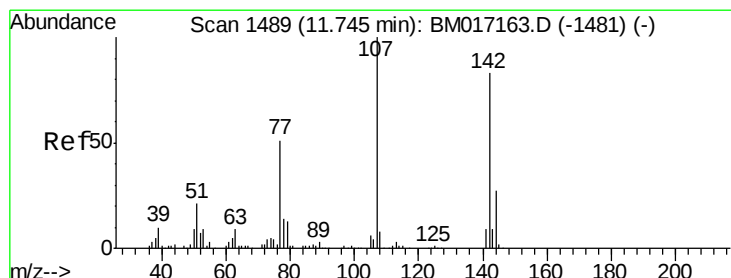
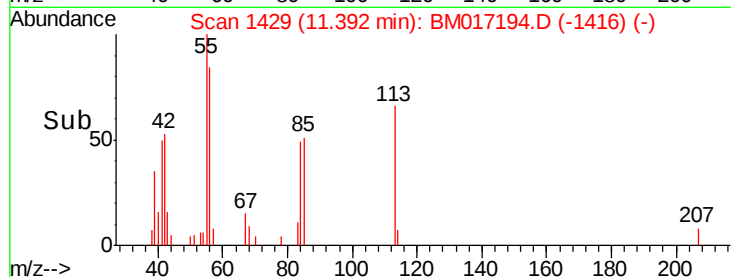
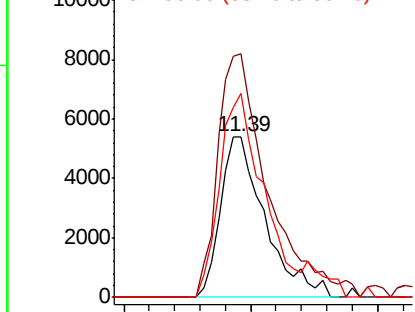
#35  
Caprolactam  
Concen: 3.057 ng  
RT: 11.39 min Scan# 1429  
Delta R.T. -0.02 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:113 Resp: 13125  
Ion Ratio Lower Upper  
113 100  
55 151.5 147.0 187.0  
56 126.6 104.5 144.5

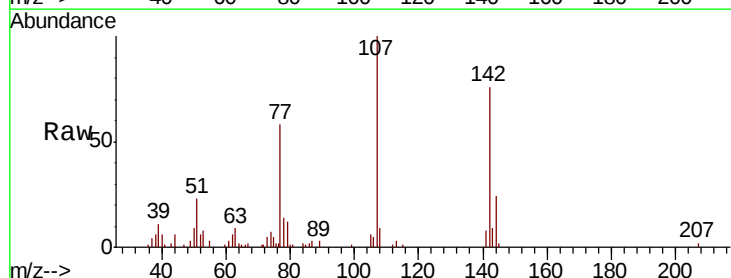


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BM0  
Ion 56.00 (55.70 to 56.70): BM0

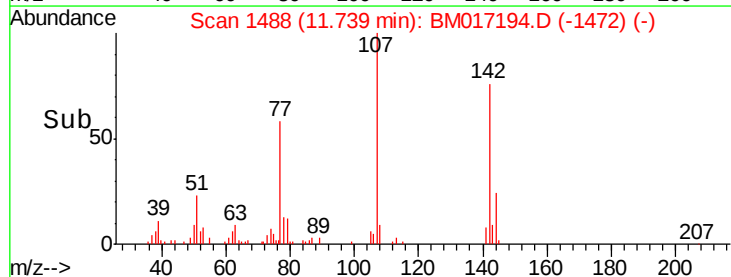
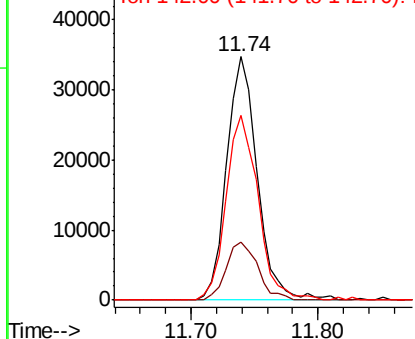


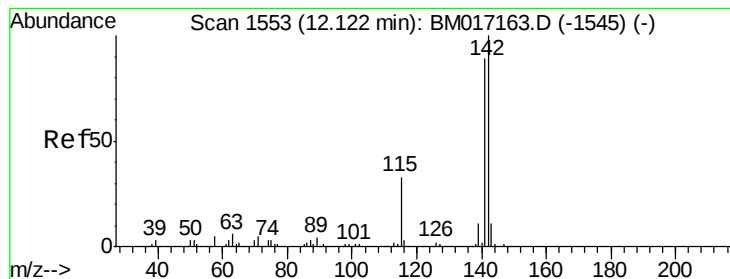
#36  
4-Chloro-3-methylphenol  
Concen: 4.372 ng  
RT: 11.74 min Scan# 1488  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion:107 Resp: 58058  
Ion Ratio Lower Upper  
107 100  
144 23.8 21.6 32.4  
142 75.9 66.0 99.0



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E

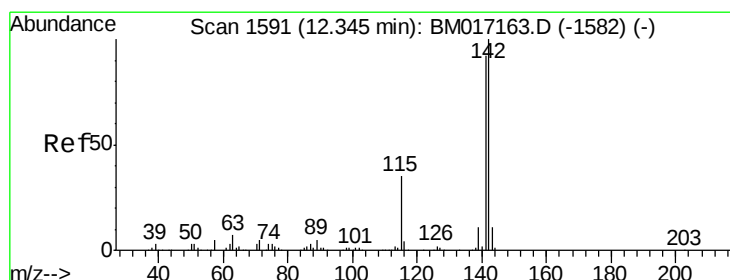
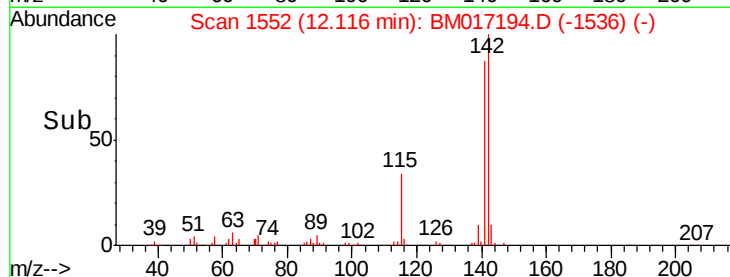
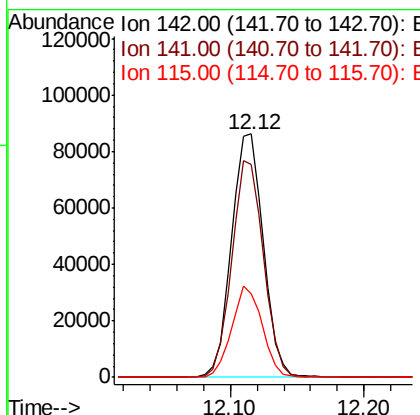
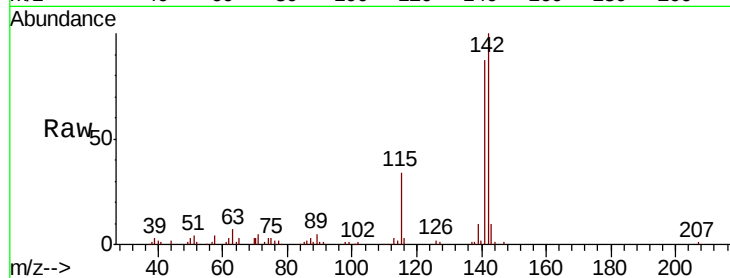




#37  
 2-Methylnaphthalene  
 Concen: 5.250 ng  
 RT: 12.12 min Scan# 1552  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

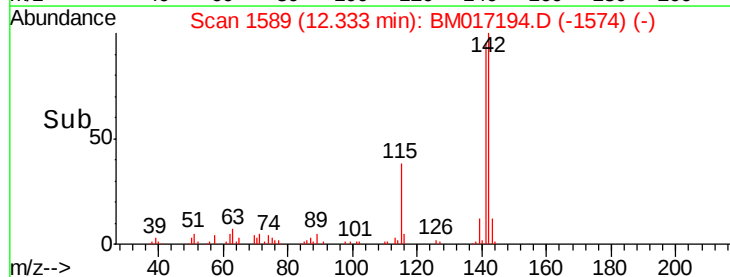
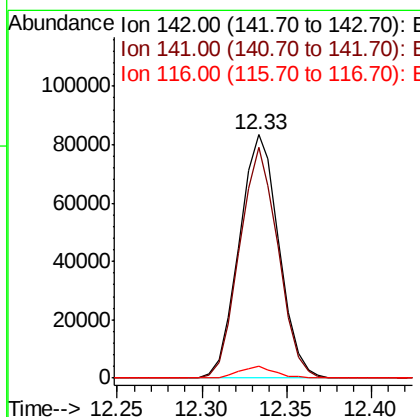
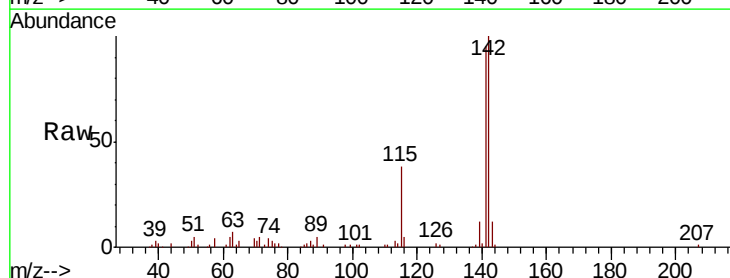
Instrument :  
 BNA\_M  
 ClientSampleId :

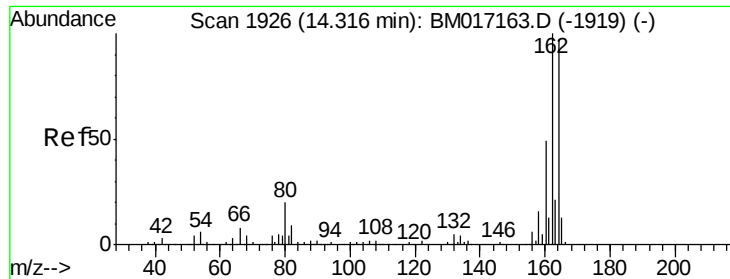
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.4  | 70.9  | 106.3 |
| 115     | 34.2  | 26.4  | 39.6  |



#38  
 1-Methylnaphthalene  
 Concen: 5.119 ng  
 RT: 12.33 min Scan# 1589  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.7  | 73.8  | 110.6 |
| 116     | 4.7   | 2.9   | 4.3#  |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

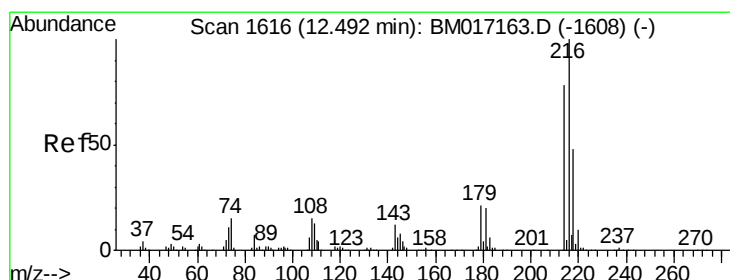
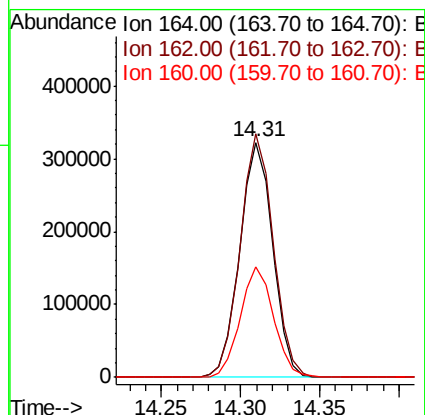
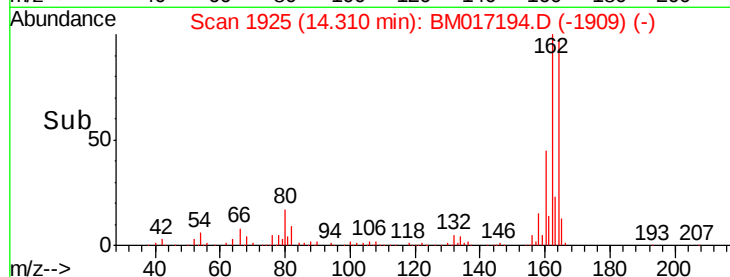
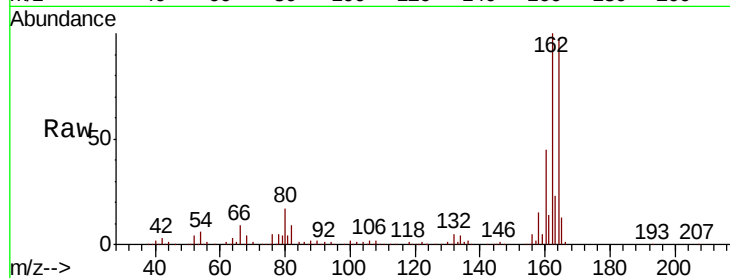
Tot Ion:164 Resp: 464135

Ion Ratio Lower Upper

164 100

162 103.5 82.1 123.1

160 46.9 40.2 60.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.560 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Tgt Ion:216 Resp: 74534

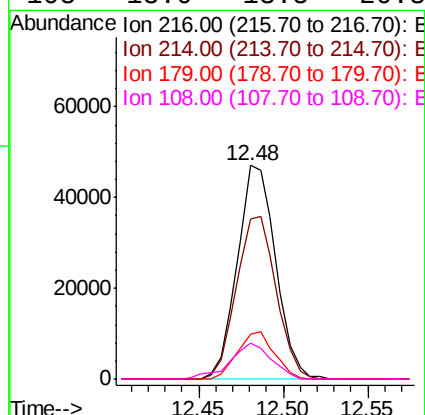
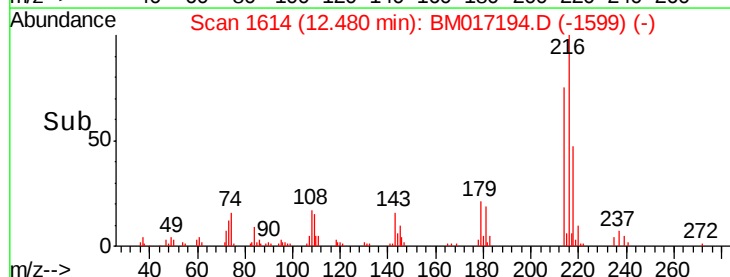
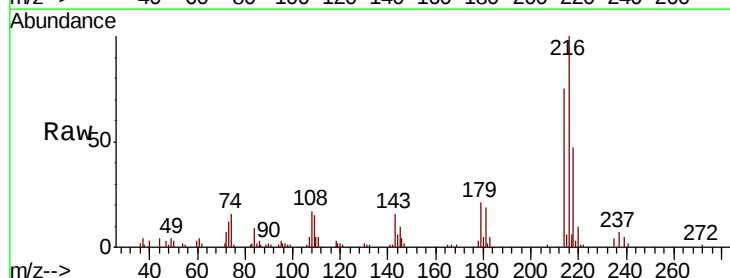
Ion Ratio Lower Upper

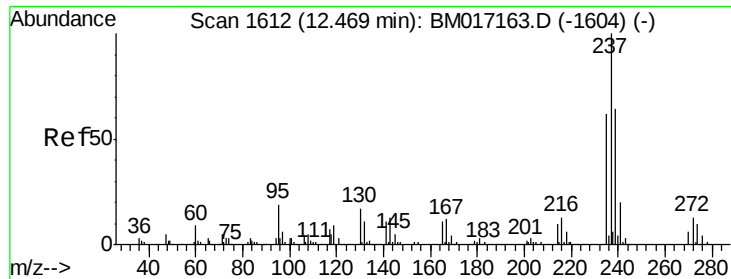
216 100

214 78.8 62.6 93.8

179 21.2 16.6 24.8

108 18.0 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 5.713 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

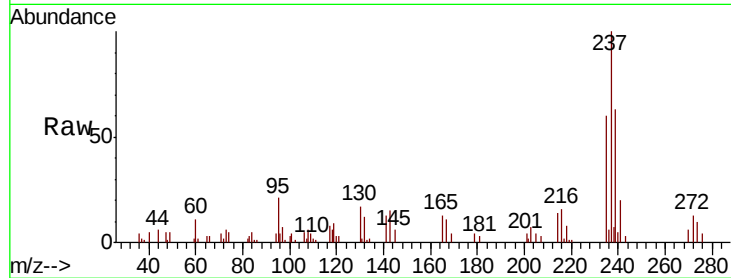
Tot Ion:237 Resp: 45143

Ion Ratio Lower Upper

237 100

235 60.2 42.4 82.4

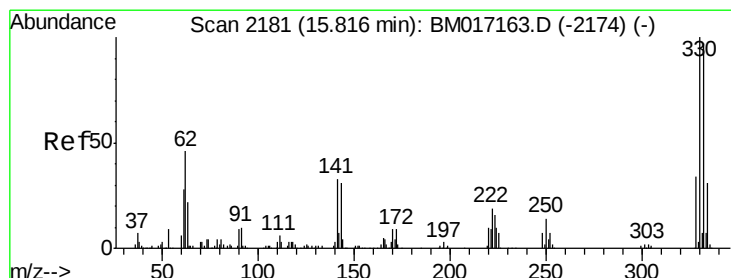
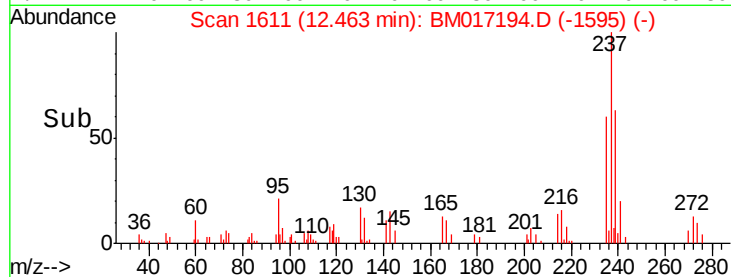
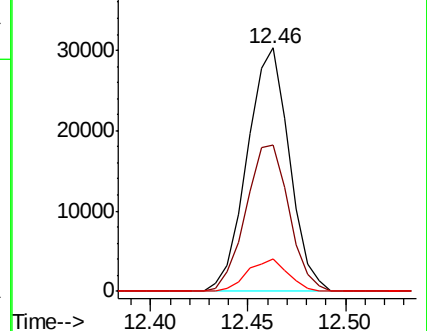
272 13.2 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 141.775 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

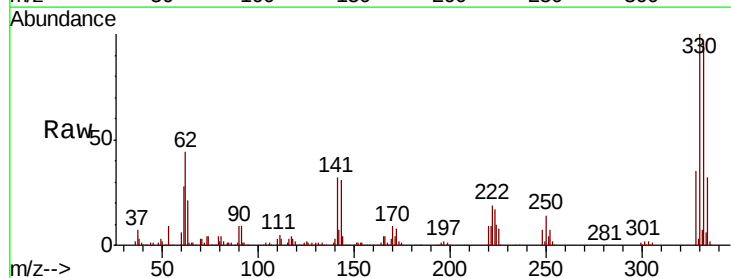
Tgt Ion:330 Resp: 889888

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

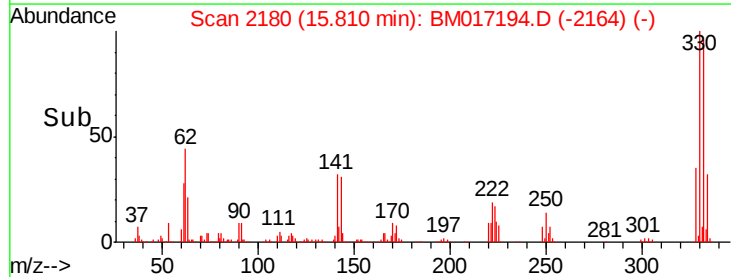
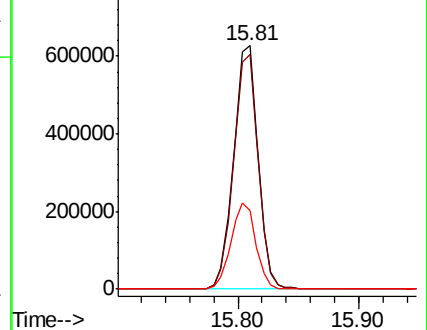
141 35.7 27.4 41.0

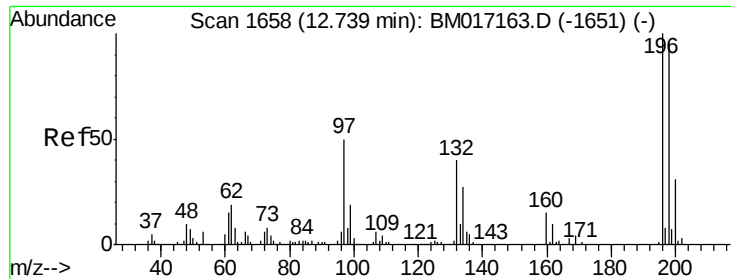


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

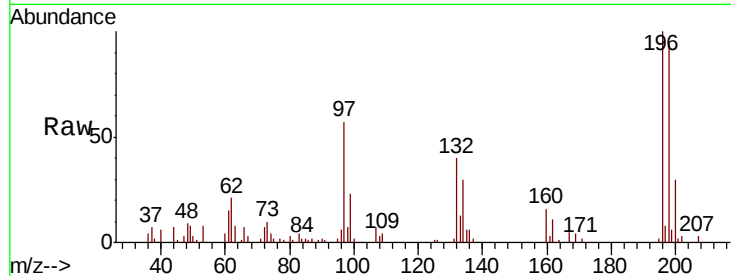




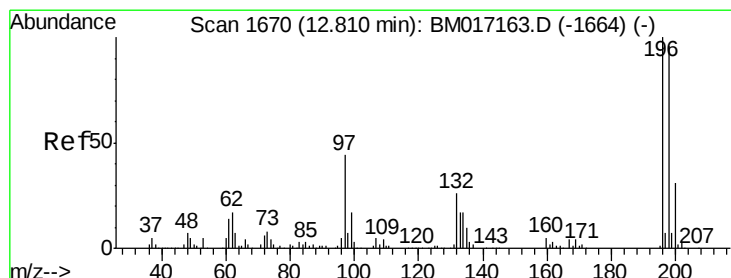
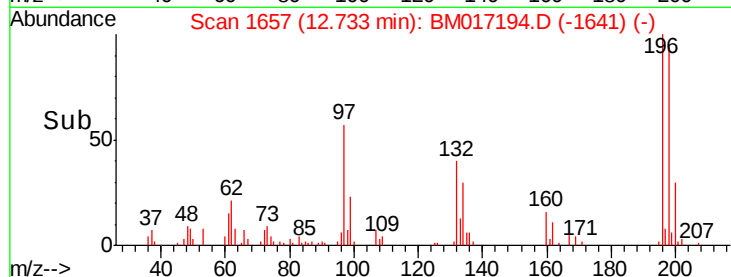
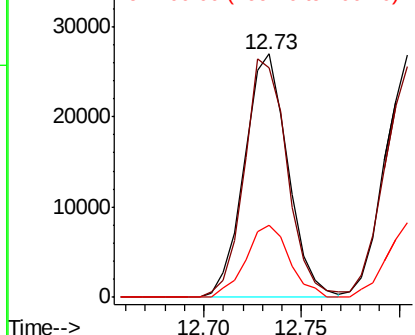
#43  
 2,4,6-Trichlorophenol  
 Concen: 4.388 ng  
 RT: 12.73 min Scan# 1657  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:196 Resp: 41634  
 Ion Ratio Lower Upper  
 196 100  
 198 94.0 77.1 115.7  
 200 29.8 25.0 37.4

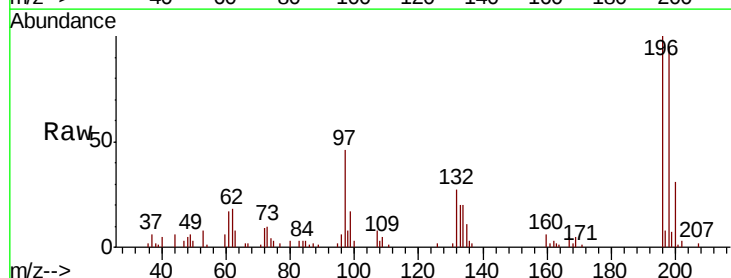


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

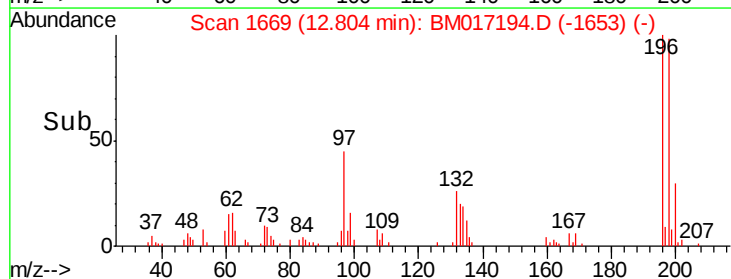
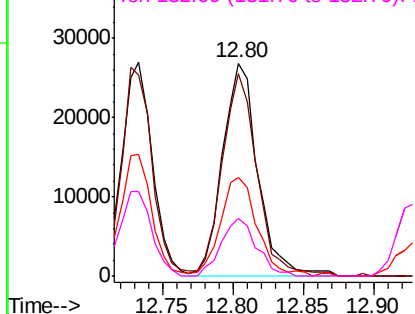


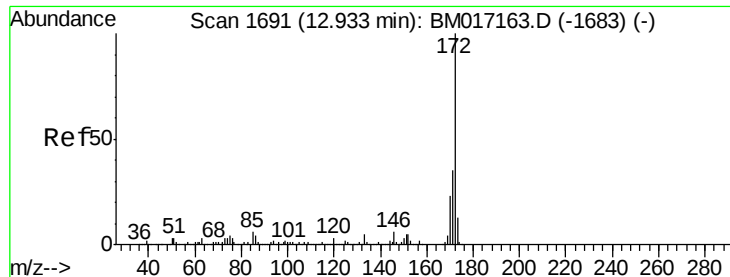
#44  
 2,4,5-Trichlorophenol  
 Concen: 4.611 ng  
 RT: 12.80 min Scan# 1669  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

Tgt Ion:196 Resp: 46919  
 Ion Ratio Lower Upper  
 196 100  
 198 95.0 76.6 115.0  
 97 46.2 35.5 53.3  
 132 26.9 20.7 31.1



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BM0  
 Ion 132.00 (131.70 to 132.70): E

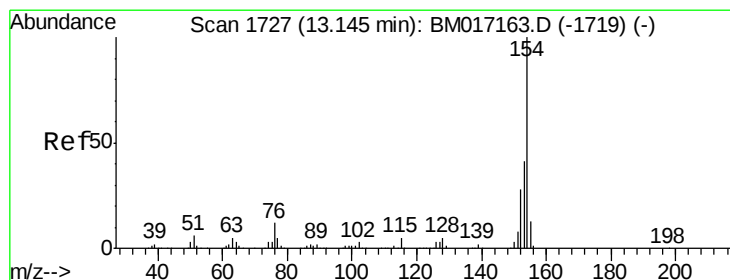
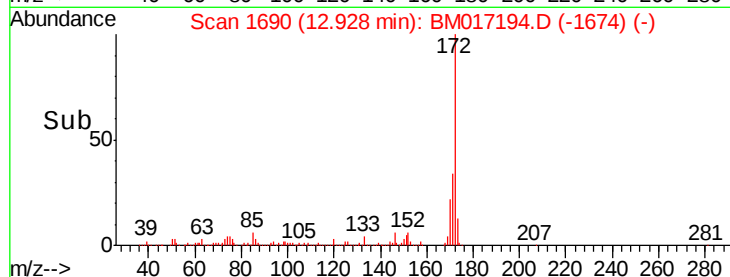
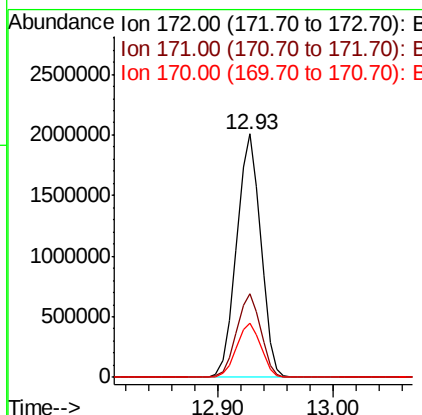
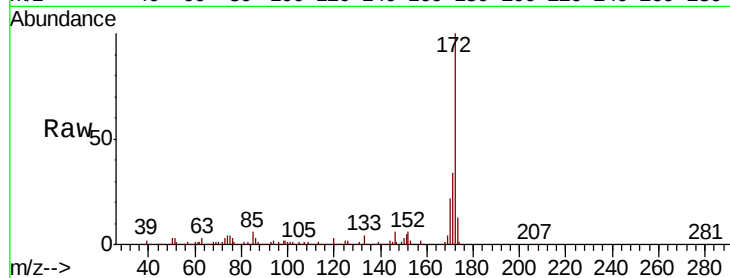




#45  
2-Fluorobiphenyl  
Concen: 83.238 ng  
RT: 12.93 min Scan# 1690  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

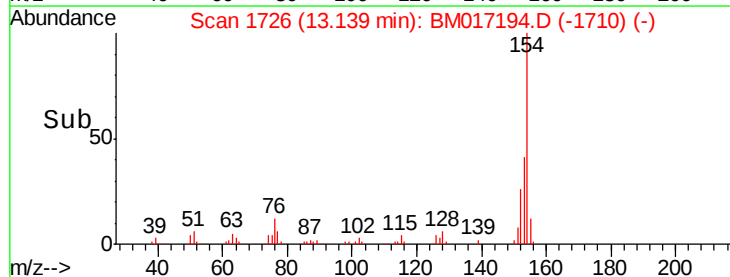
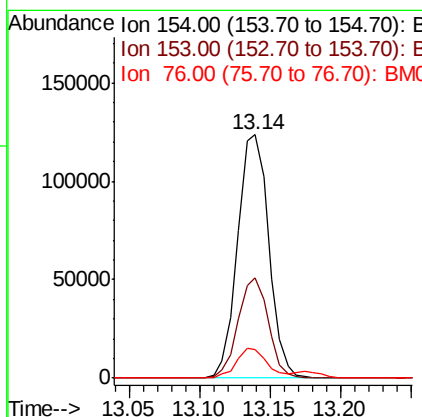
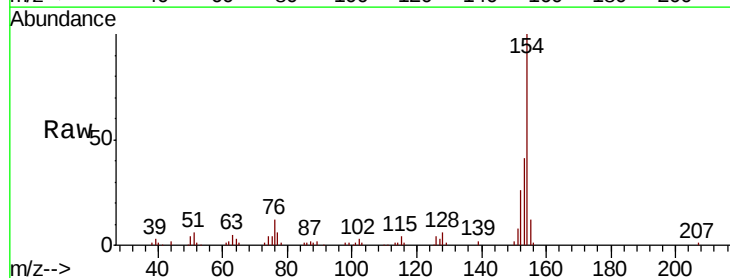
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:172 Resp: 2903587  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.3 42.5  
170 22.4 18.3 27.5



#46  
1,1'-Biphenyl  
Concen: 4.572 ng  
RT: 13.14 min Scan# 1726  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion:154 Resp: 190968  
Ion Ratio Lower Upper  
154 100  
153 41.2 20.5 60.5  
76 11.5 0.0 31.8

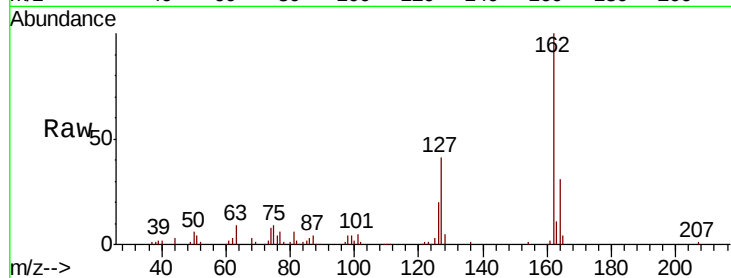




#47  
2-Chloronaphthalene  
Concen: 4.651 ng  
RT: 13.17 min Scan# 1732  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.6  | 31.0  | 46.4  |
| 164     | 30.8  | 26.6  | 39.8  |

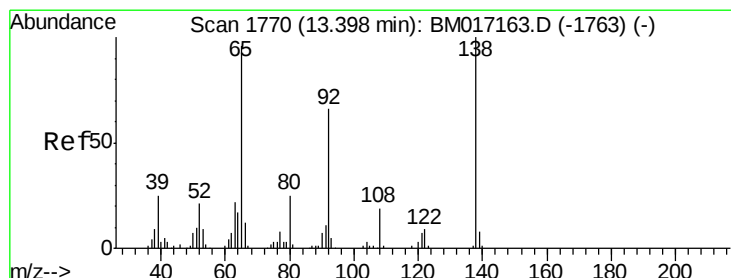
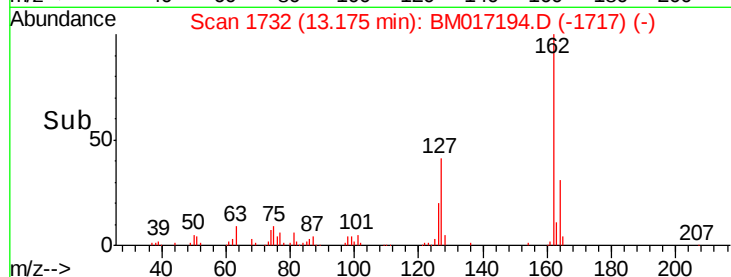
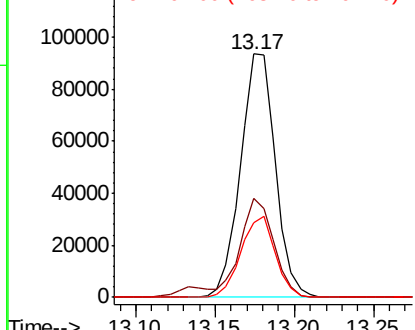


Abundance

Ion 162.00 (161.70 to 162.70): E

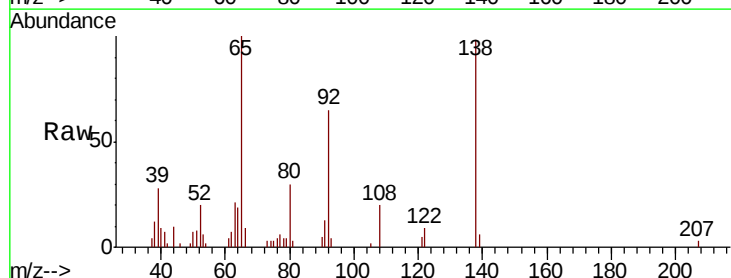
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 9.018 ng  
RT: 13.39 min Scan# 1769  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.0  | 54.9  | 82.3  |
| 138     | 97.8  | 83.7  | 125.5 |

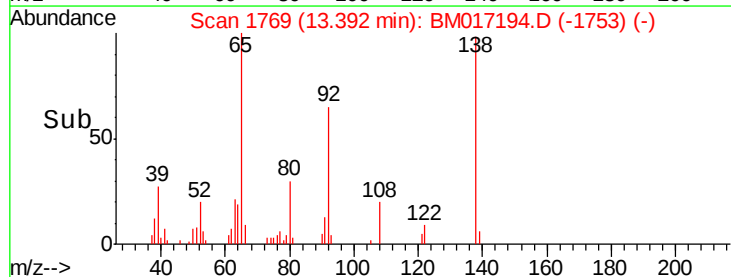
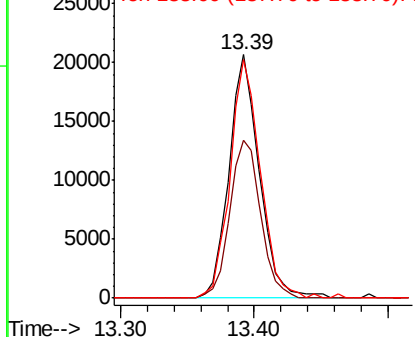


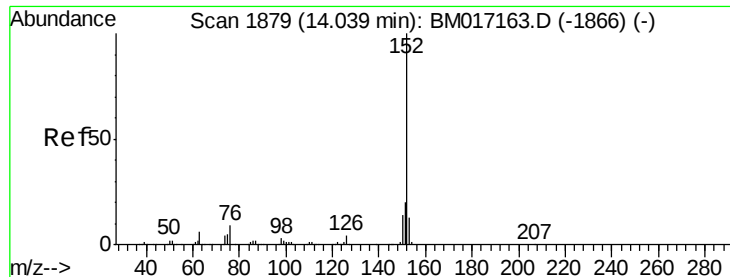
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 4.861 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

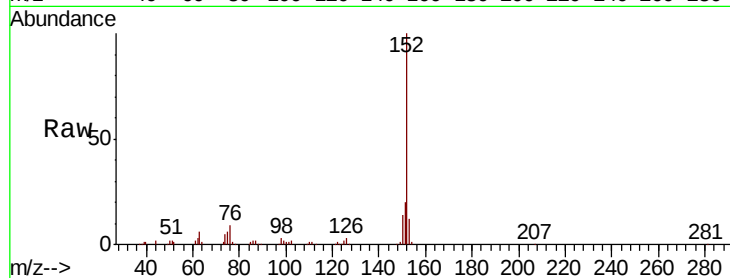
Tot Ion:152 Resp: 216498

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

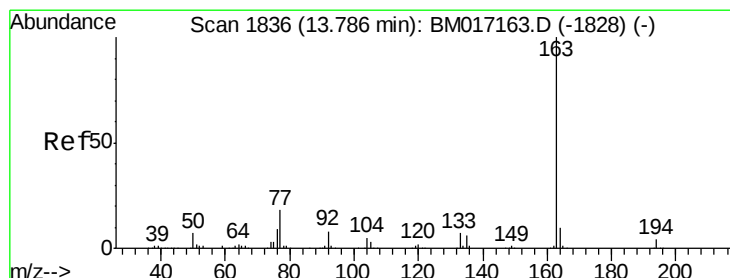
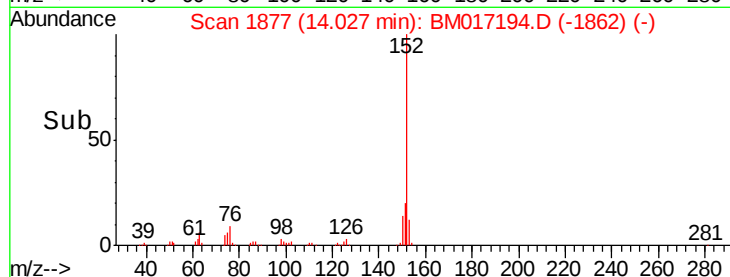
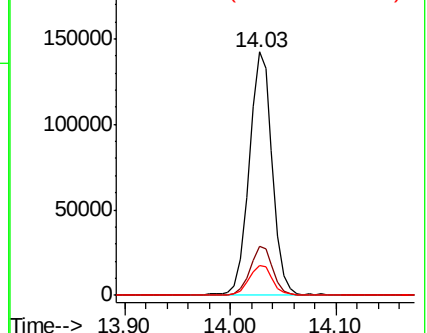
153 12.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 4.993 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

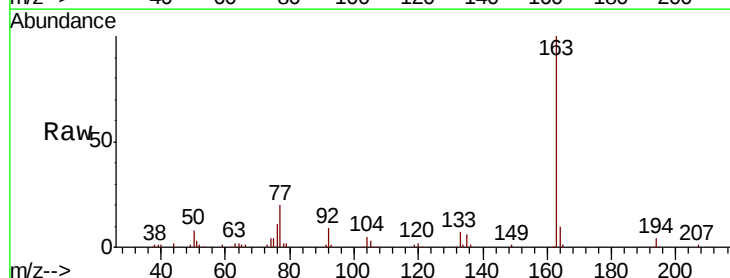
Tgt Ion:163 Resp: 178804

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

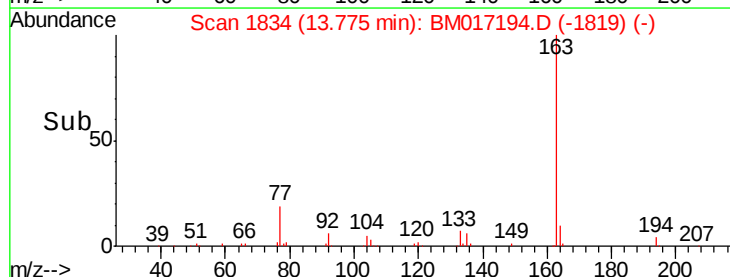
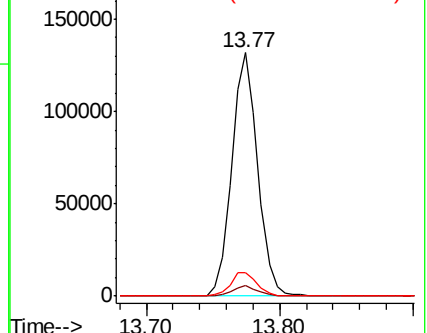
164 9.6 7.8 11.8

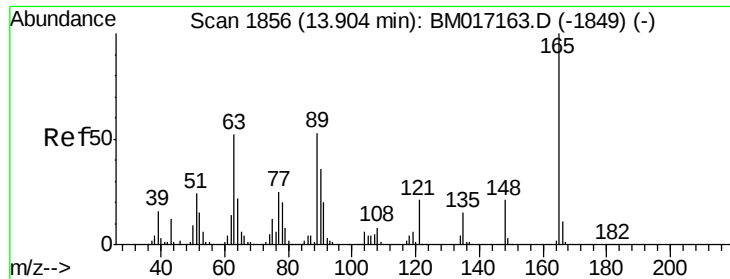


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

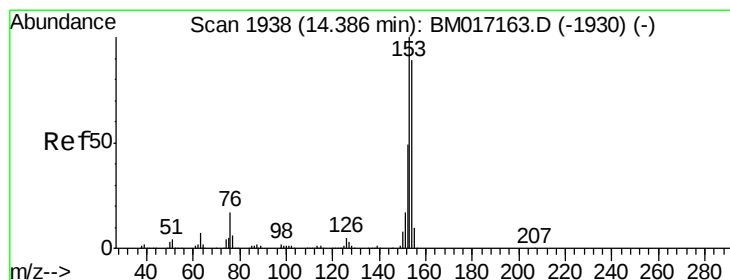
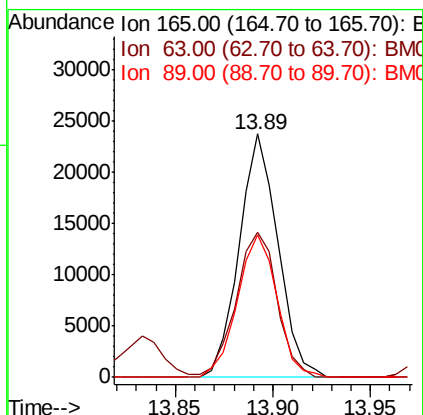
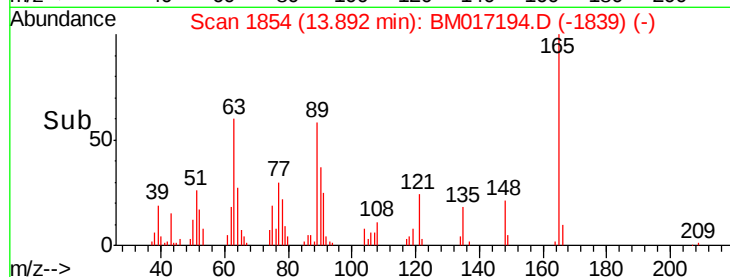
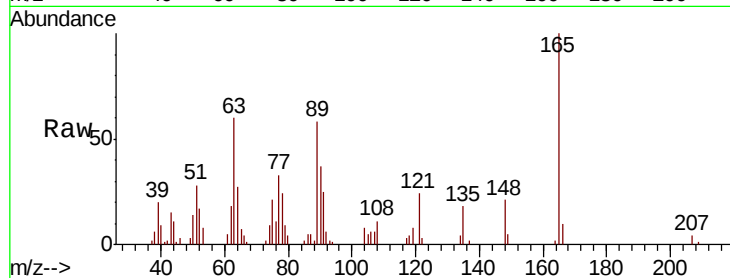




#51  
2,6-Dinitrotoluene  
Concen: 4.155 ng  
RT: 13.89 min Scan# 1854  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

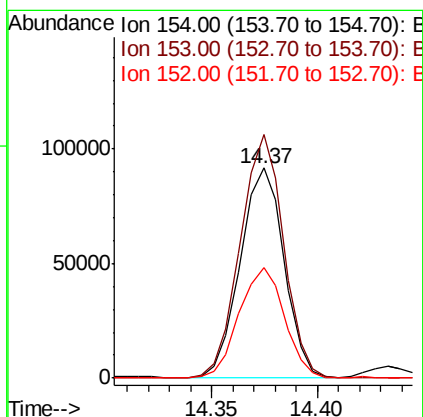
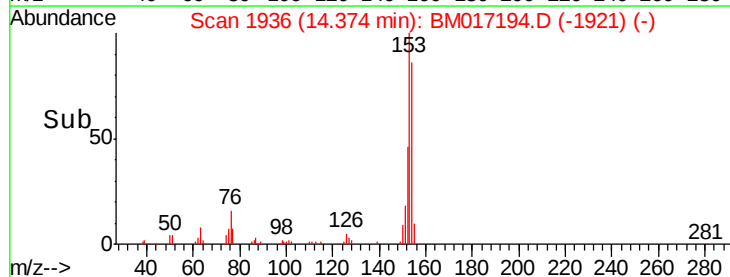
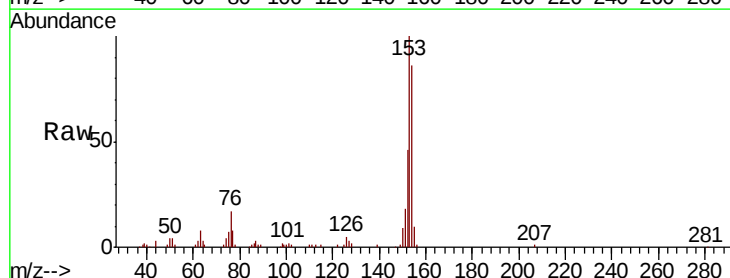
Instrument :  
BNA\_M  
ClientSampleId :

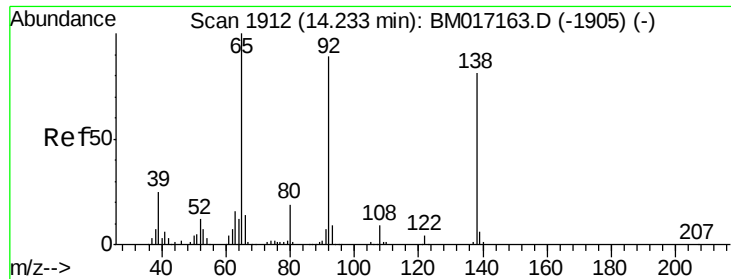
Tot Ion:165 Resp: 32749  
Ion Ratio Lower Upper  
165 100  
63 59.7 42.7 64.1  
89 58.5 42.1 63.1



#52  
Acenaphthene  
Concen: 4.760 ng  
RT: 14.37 min Scan# 1936  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion:154 Resp: 133122  
Ion Ratio Lower Upper  
154 100  
153 116.0 90.2 135.2  
152 52.9 44.2 66.4

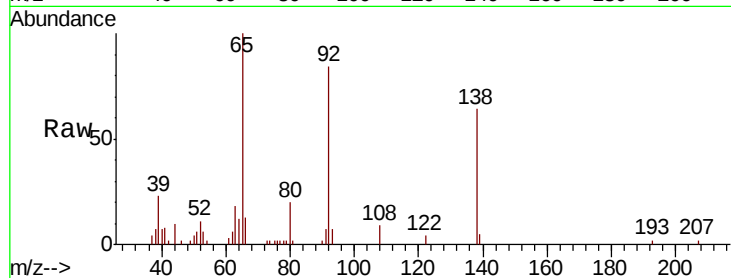




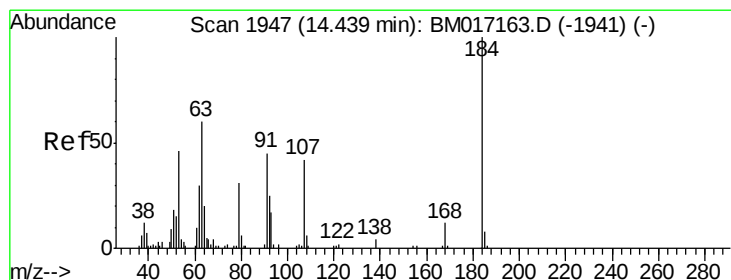
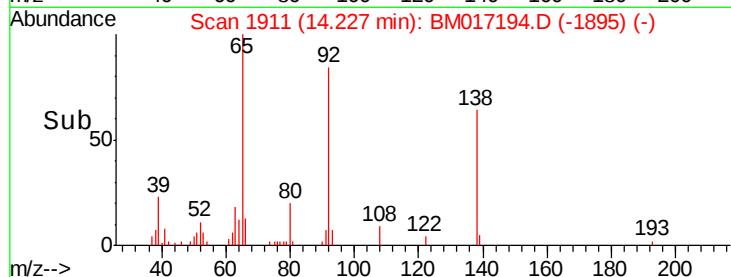
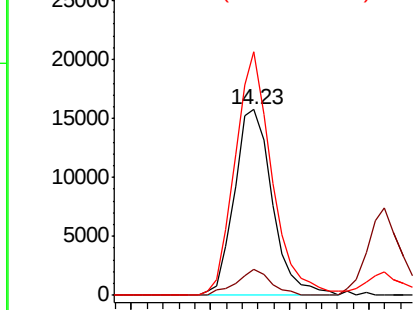
#53  
3-Nitroaniline  
Concen: 3.069 ng  
RT: 14.23 min Scan# 1911  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:138 Resp: 26200  
Ion Ratio Lower Upper  
138 100  
108 14.1 8.7 13.1#  
92 131.0 87.9 131.9

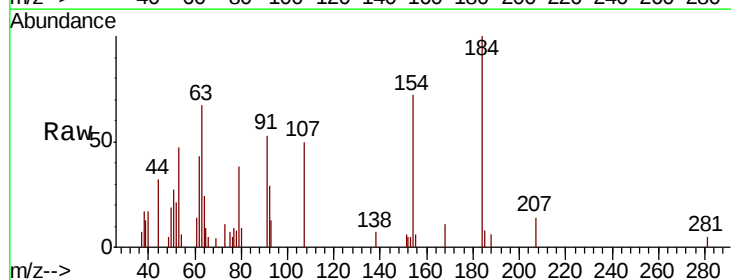


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM

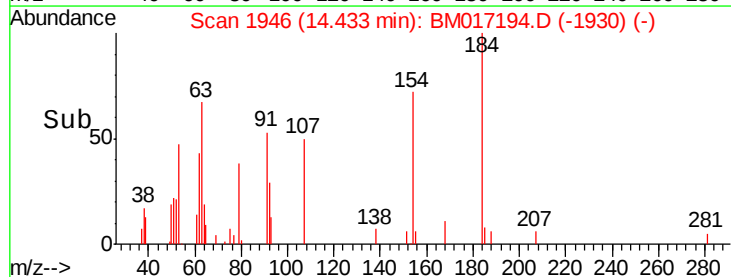
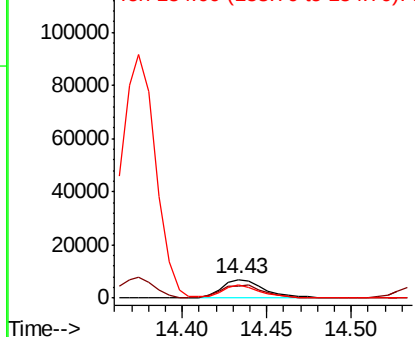


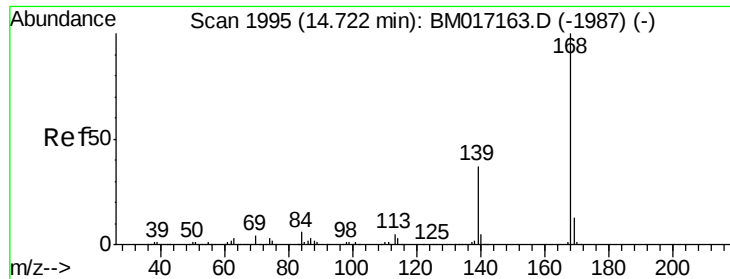
#54  
2,4-Dinitrophenol  
Concen: 10.621 ng  
RT: 14.43 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion:184 Resp: 12339  
Ion Ratio Lower Upper  
184 100  
63 66.6 51.2 76.8  
154 72.4 47.8 71.8#



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 4.833 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

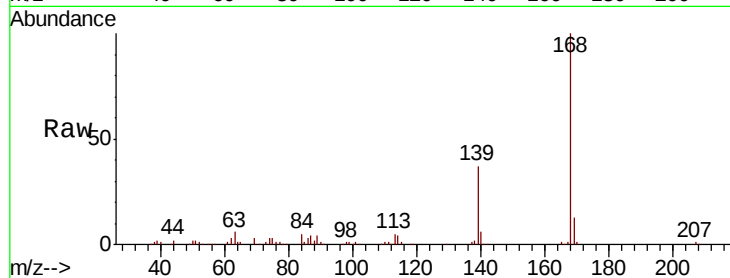
Tot Ion:168 Resp: 224769

Ion Ratio Lower Upper

168 100

139 36.9 29.3 43.9

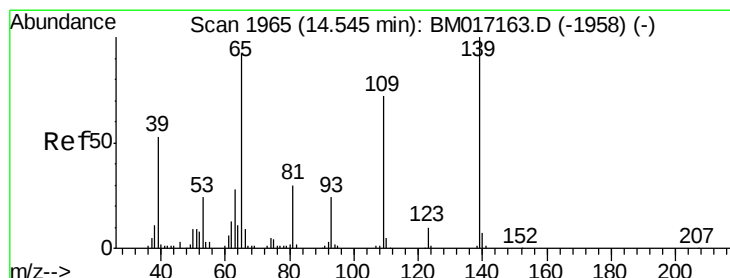
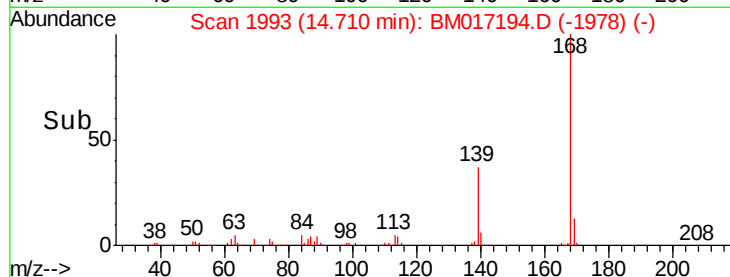
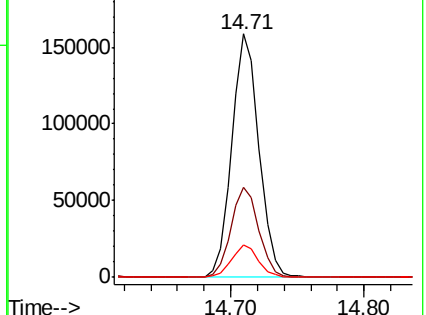
169 13.2 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 7.551 ng

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

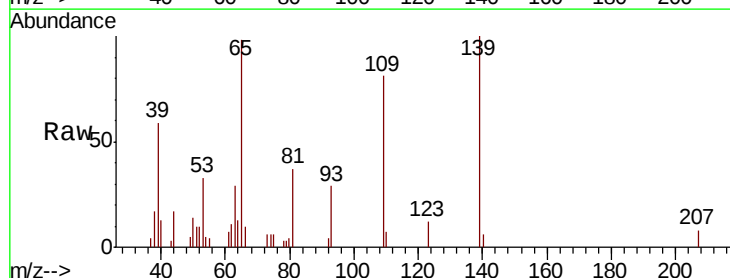
Tgt Ion:139 Resp: 23432

Ion Ratio Lower Upper

139 100

109 81.1 51.8 91.8

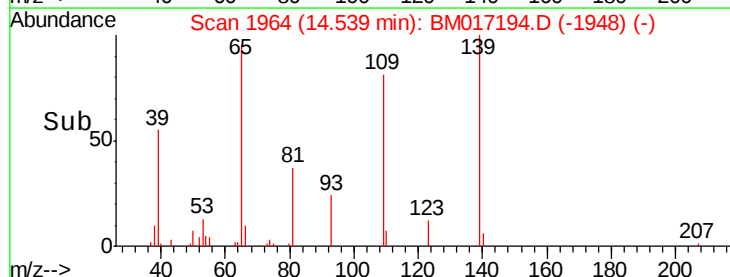
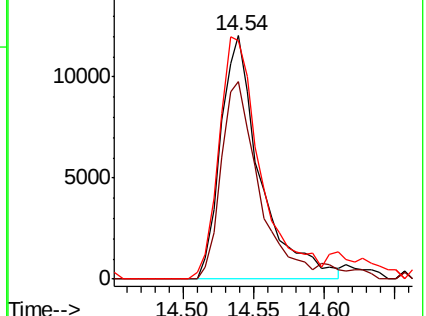
65 98.2 72.1 112.1

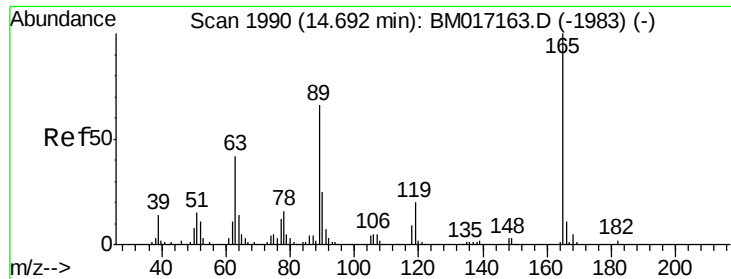


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

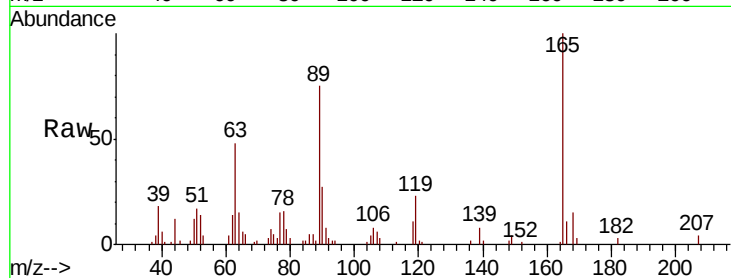




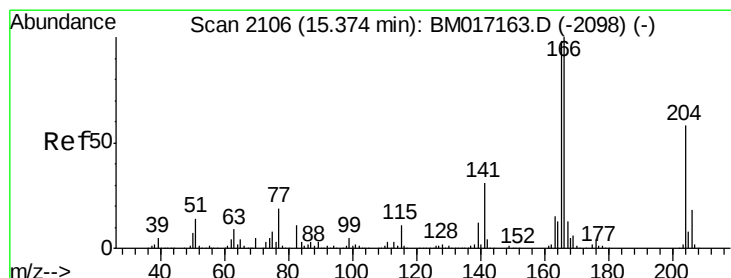
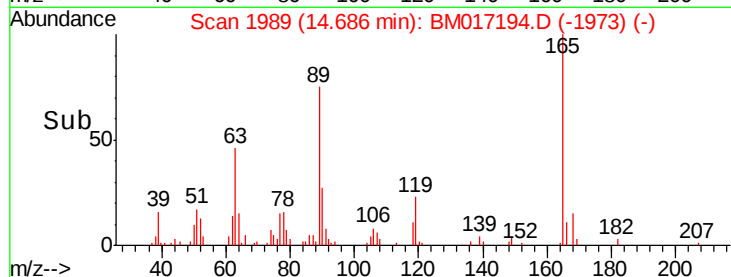
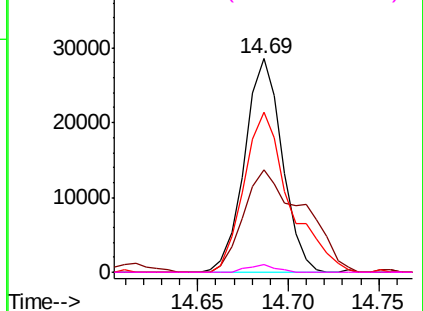
#57  
2,4-Dinitrotoluene  
Concen: 3.872 ng  
RT: 14.69 min Scan# 1989  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:165 Resp: 41018  
Ion Ratio Lower Upper  
165 100  
63 48.0 33.8 50.8  
89 75.2 53.1 79.7  
182 3.3 2.0 3.0#

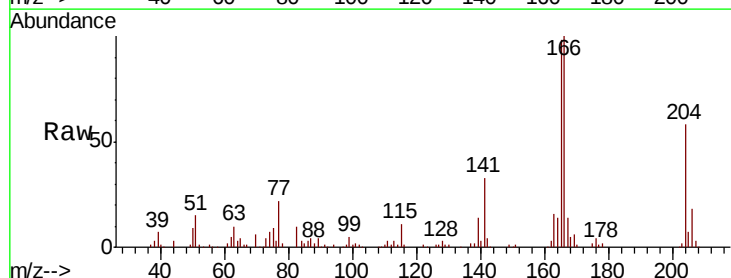


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 89.00 (88.70 to 89.70): BM  
Ion 182.00 (181.70 to 182.70): E

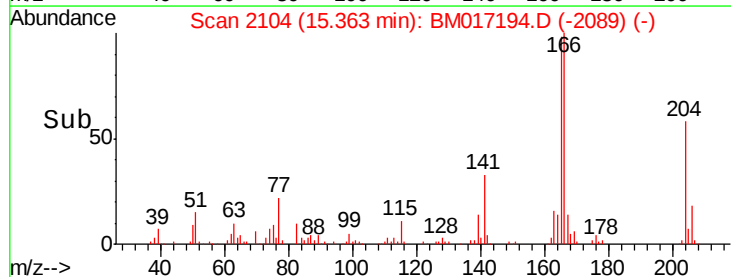
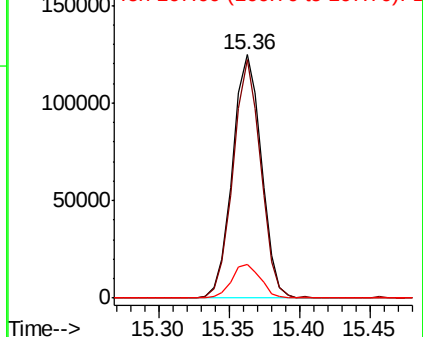


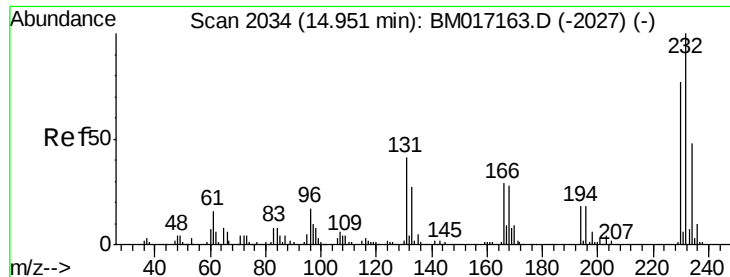
#58  
Fluorene  
Concen: 5.174 ng  
RT: 15.36 min Scan# 2104  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion:166 Resp: 178091  
Ion Ratio Lower Upper  
166 100  
165 97.8 78.1 117.1  
167 13.6 10.6 16.0



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

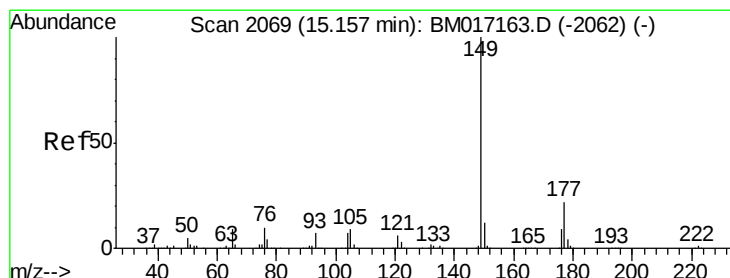
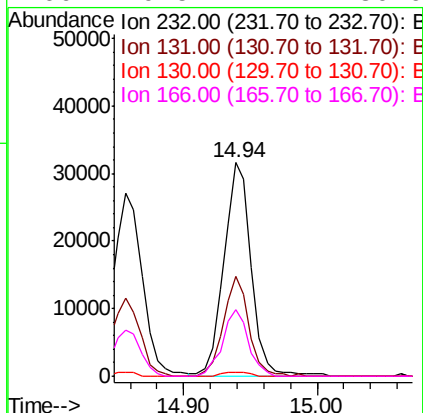
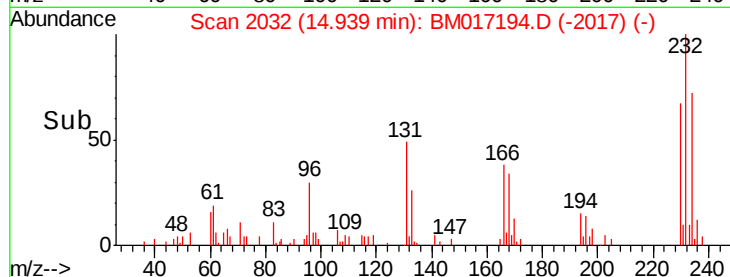
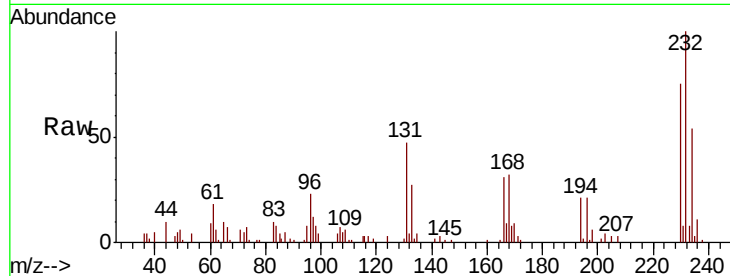




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 4.932 ng  
 RT: 14.94 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

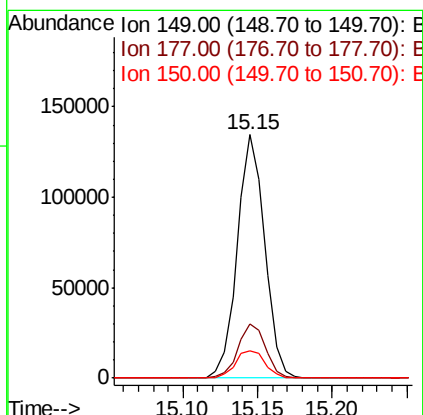
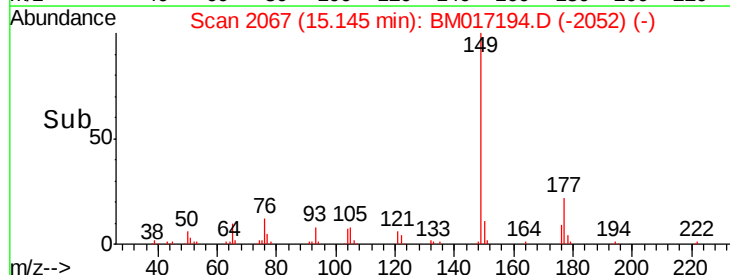
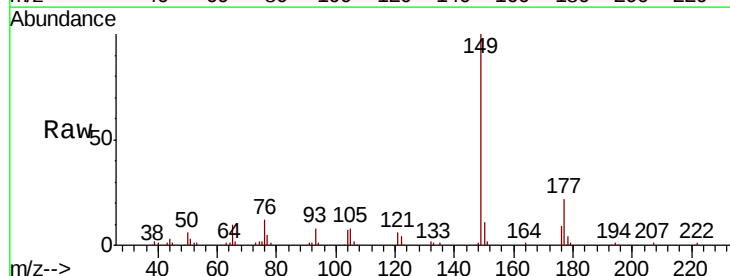
Instrument :  
 BNA\_M  
 ClientSampleId :

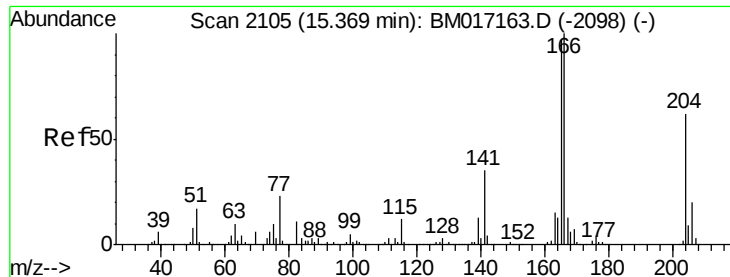
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.6  | 33.1  | 49.7  |
| 130     | 1.9   | 1.7   | 2.5   |
| 166     | 29.5  | 24.4  | 36.6  |



#60  
 Diethylphthalate  
 Concen: 4.848 ng  
 RT: 15.15 min Scan# 2067  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.4  | 17.7  | 26.5  |
| 150     | 11.1  | 10.0  | 15.0  |

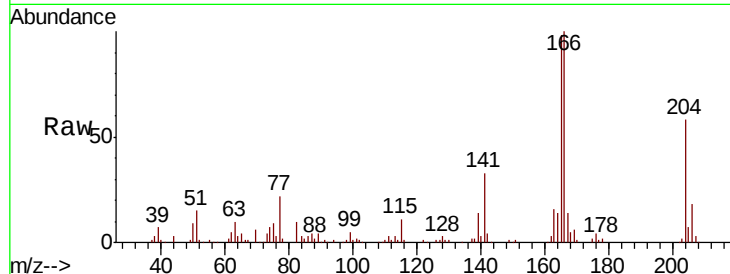




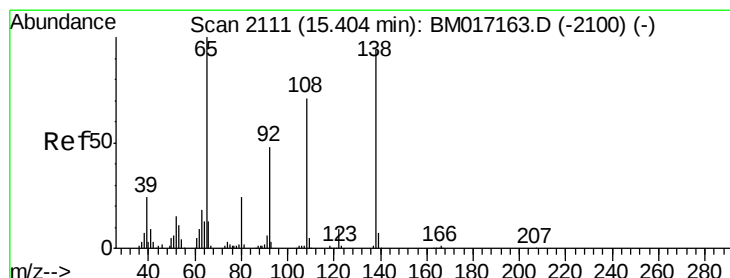
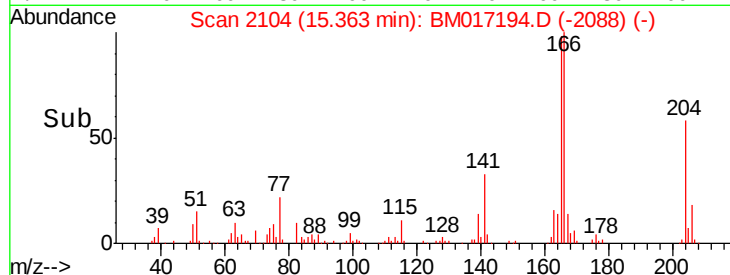
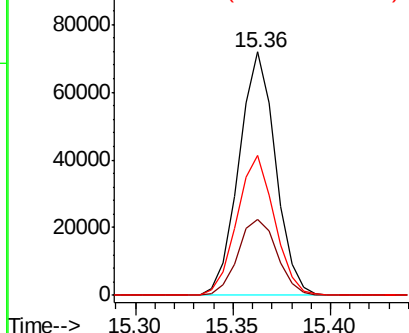
#61  
4-Chlorophenyl-phenylether  
Concen: 4.765 ng  
RT: 15.36 min Scan# 2104  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:204 Resp: 93506  
Ion Ratio Lower Upper  
204 100  
206 31.2 26.1 39.1  
141 57.3 45.4 68.2

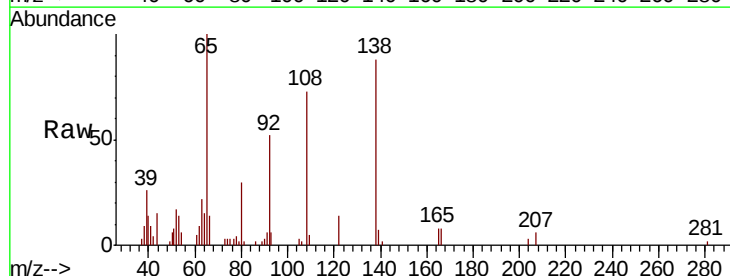


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

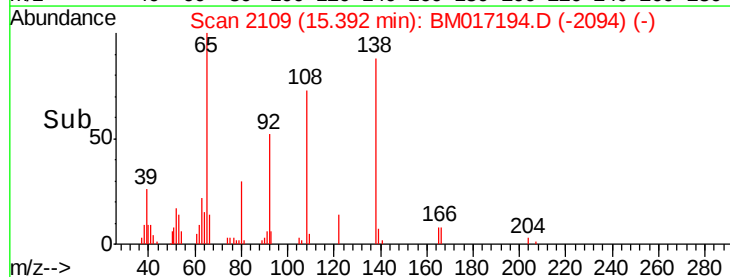
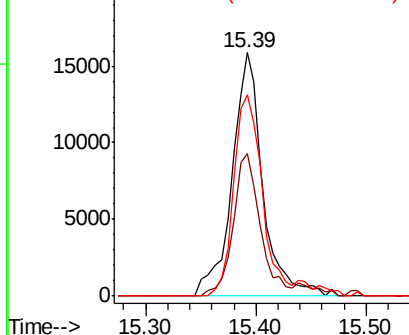


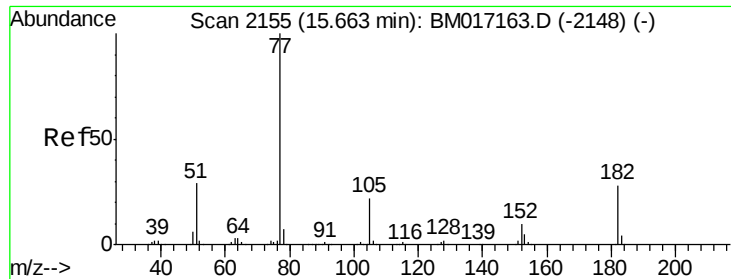
#62  
4-Nitroaniline  
Concen: 7.671 ng  
RT: 15.39 min Scan# 2109  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion:138 Resp: 30835  
Ion Ratio Lower Upper  
138 100  
92 58.4 31.2 71.2  
108 82.9 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E

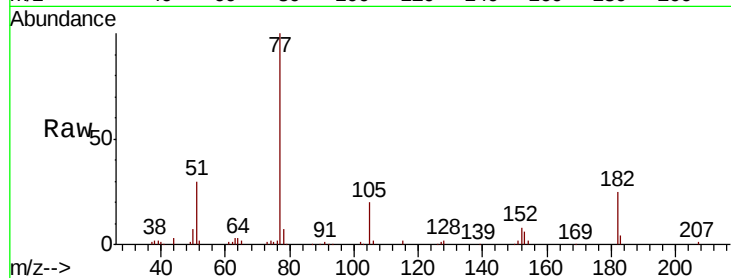




#63  
Azobenzene  
Concen: 4.402 ng  
RT: 15.66 min Scan# 2154  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 151952 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 25.3  | 8.3   | 48.3   |
| 105      | 20.2  | 1.5   | 41.5   |
| 51       | 29.6  | 8.8   | 48.8   |

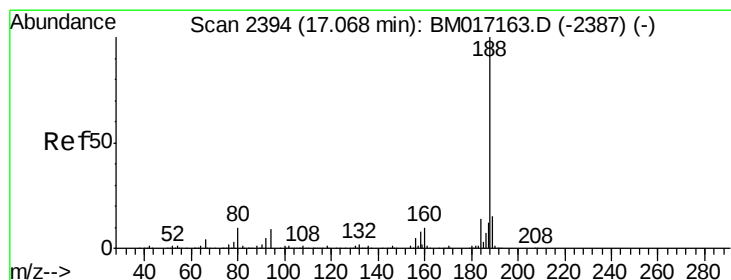
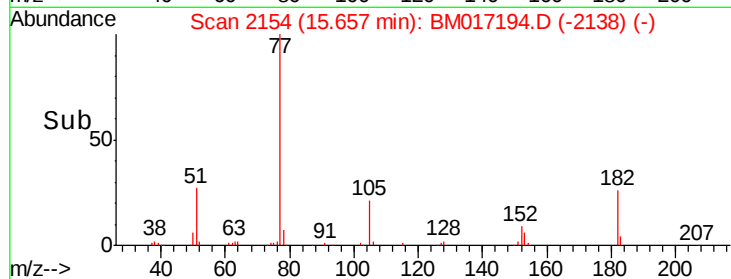
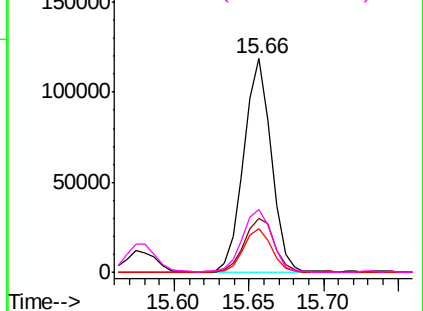


Abundance Ion 77.00 (76.70 to 77.70): BM017194.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): E

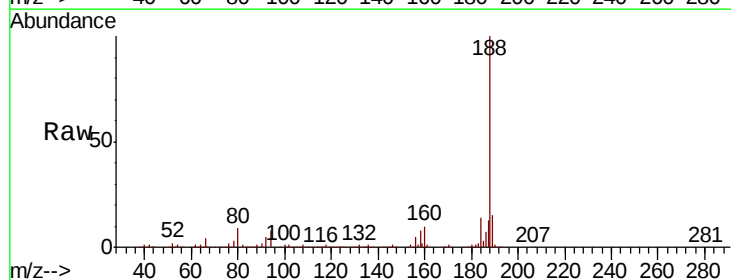
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM017194.D (-2138) (-)



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.06 min Scan# 2393  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

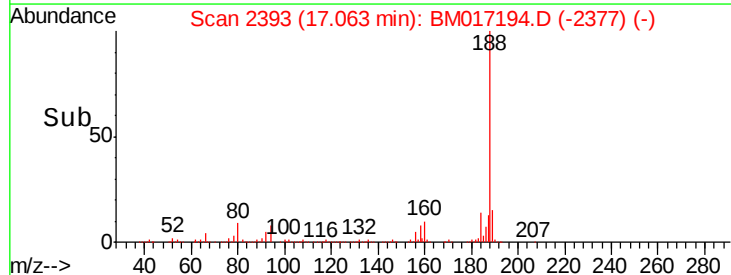
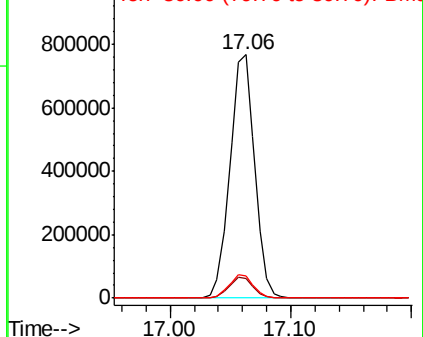
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 188   | Resp: | 1092906 |
| Ion      | Ratio | Lower | Upper   |
| 188      | 100   |       |         |
| 94       | 8.0   | 7.0   | 10.4    |
| 80       | 8.9   | 7.7   | 11.5    |

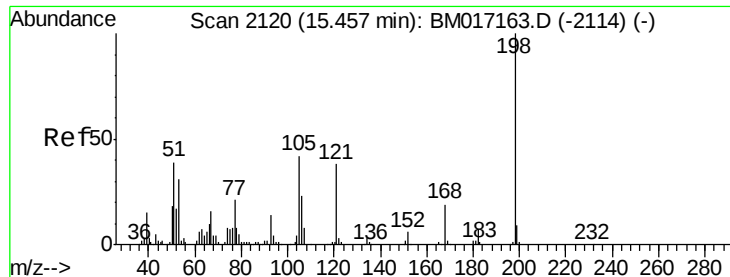


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM017194.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017194.D (-2377) (-)

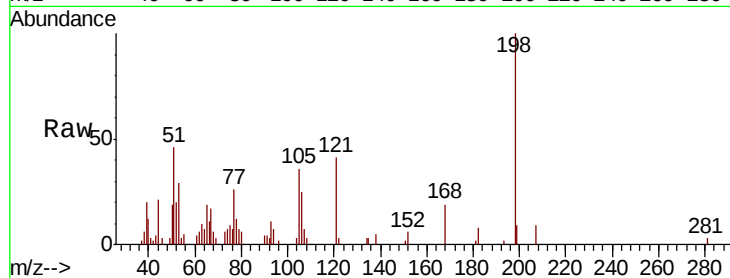




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 9.704 ng  
 RT: 15.45 min Scan# 2119  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 46.0  | 20.3  | 60.3  |
| 105     | 35.7  | 21.9  | 61.9  |

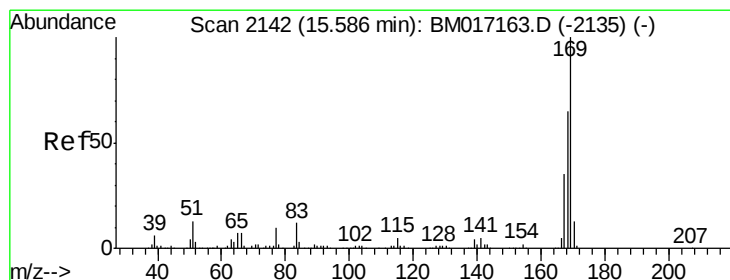
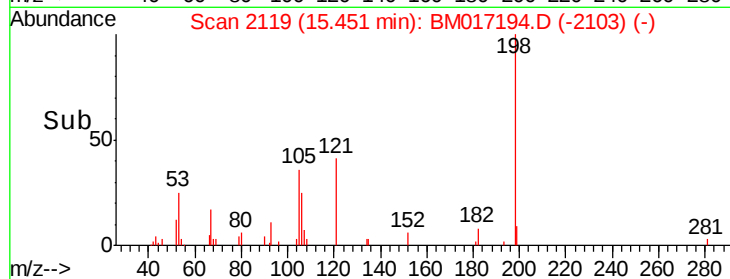
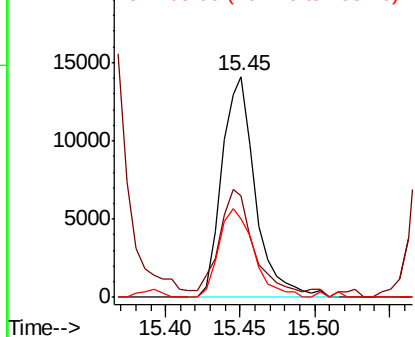


Abundance

Ion 198.00 (197.70 to 198.70): E

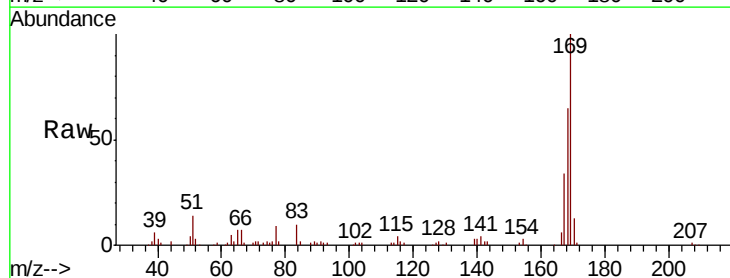
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66  
 n-Nitrosodiphenylamine  
 Concen: 4.492 ng  
 RT: 15.58 min Scan# 2141  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.2  | 52.2  | 78.4  |
| 167     | 33.7  | 28.4  | 42.6  |

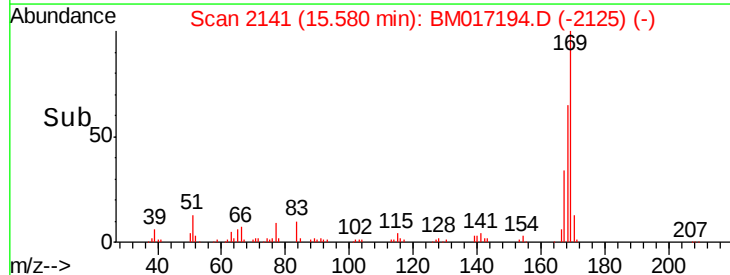
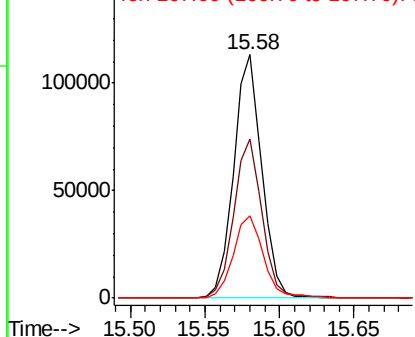


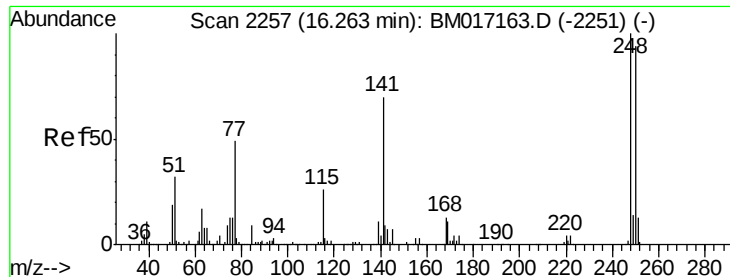
Abundance

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

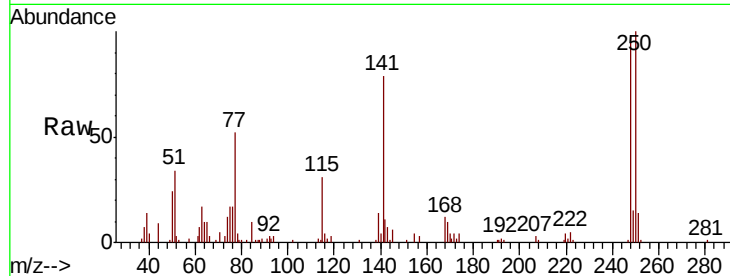




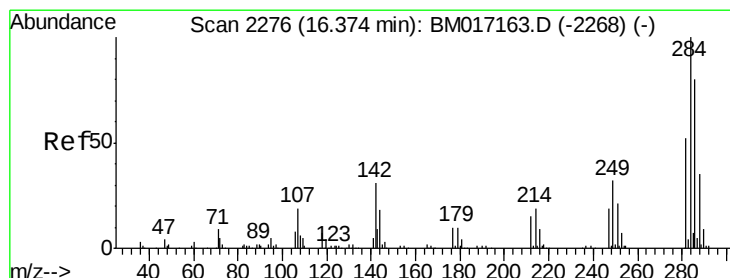
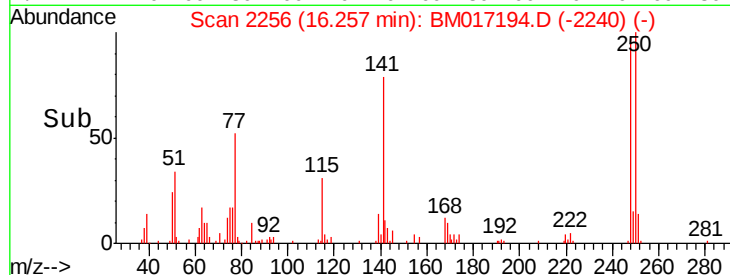
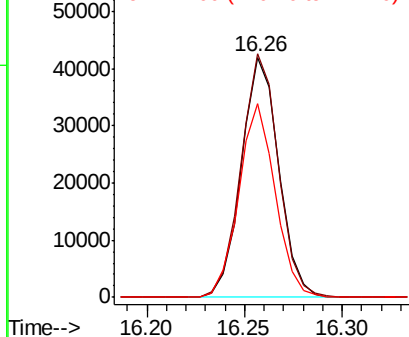
#67  
4-Bromophenyl-phenylether  
Concen: 4.621 ng  
RT: 16.26 min Scan# 2256  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:248 Resp: 55453  
Ion Ratio Lower Upper  
248 100  
250 101.5 75.1 112.7  
141 80.6 55.6 83.4

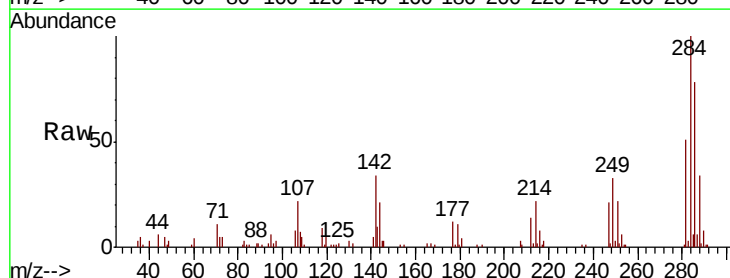


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

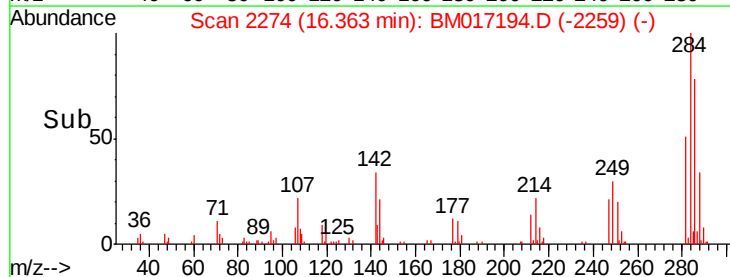
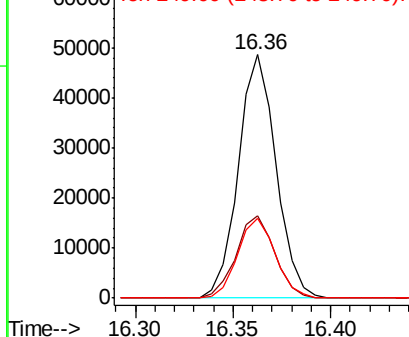


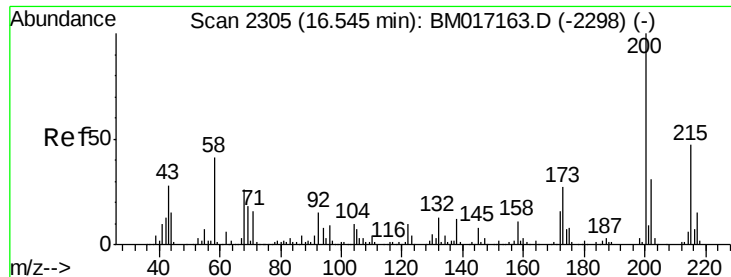
#68  
Hexachlorobenzene  
Concen: 4.655 ng  
RT: 16.36 min Scan# 2274  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion:284 Resp: 64882  
Ion Ratio Lower Upper  
284 100  
142 33.9 25.0 37.6  
249 32.9 25.5 38.3



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

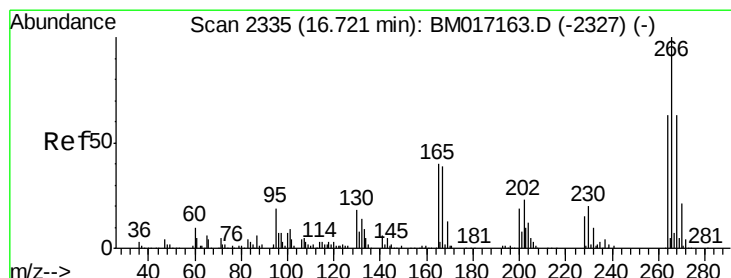
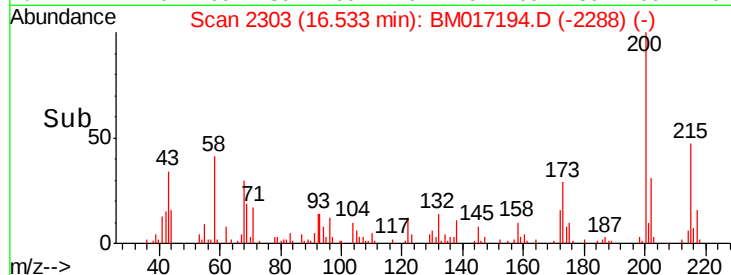
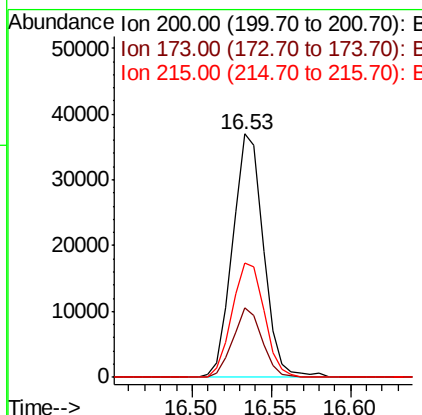
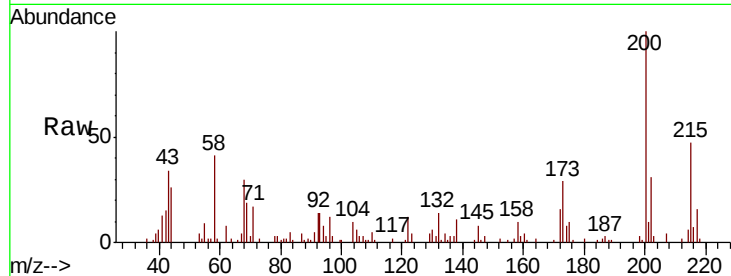




#69  
 Atrazine  
 Concen: 4.216 ng  
 RT: 16.53 min Scan# 2303  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

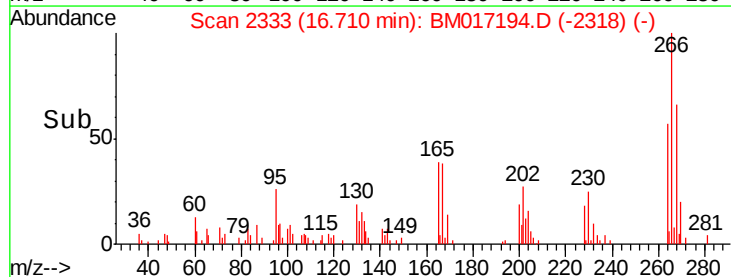
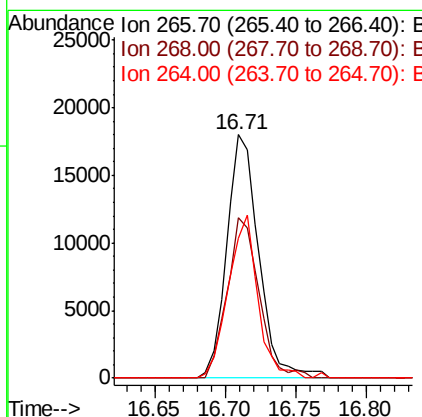
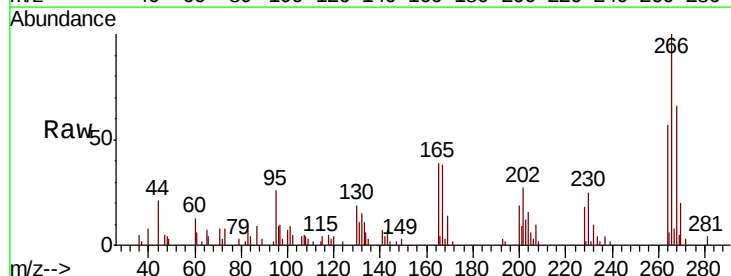
Instrument :  
 BNA\_M  
 ClientSampled :

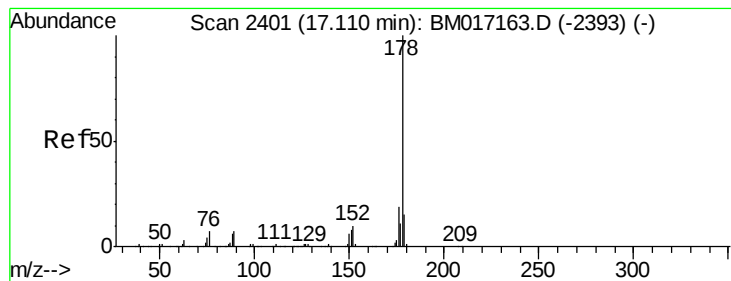
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.8  | 7.0   | 47.0  |
| 215     | 46.8  | 27.3  | 67.3  |



#70  
 Pentachlorophenol  
 Concen: 2.979 ng  
 RT: 16.71 min Scan# 2333  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.6  | 50.7  | 76.1  |
| 264     | 57.5  | 50.4  | 75.6  |





#71

Phenanthrene

Concen: 5.005 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

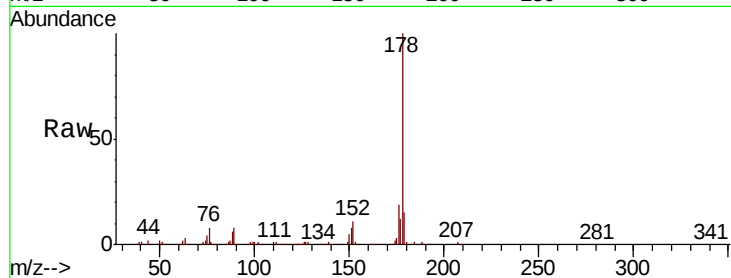
Tot Ion:178 Resp: 295149

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.1 12.3 18.5

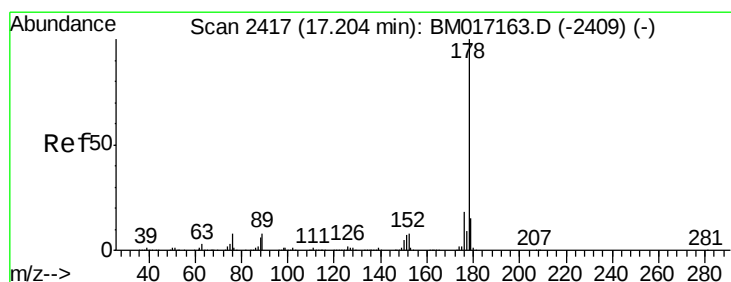
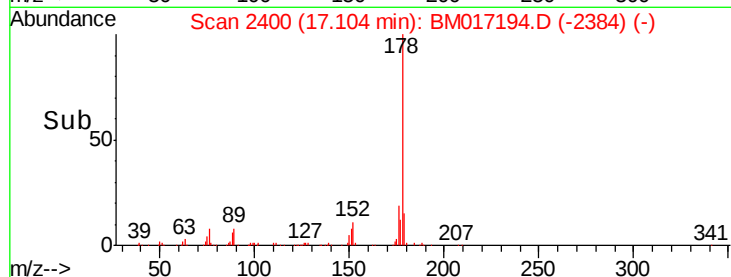
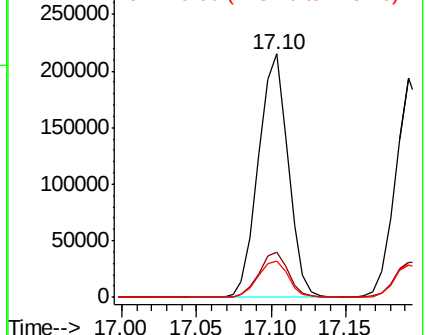


Abundance

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

Anthracene

Concen: 4.962 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

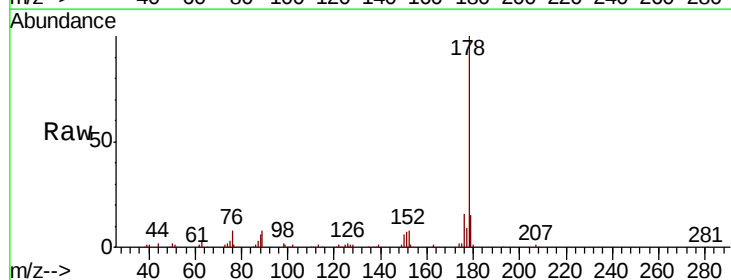
Tgt Ion:178 Resp: 278010

Ion Ratio Lower Upper

178 100

176 16.2 14.5 21.7

179 14.6 12.2 18.2

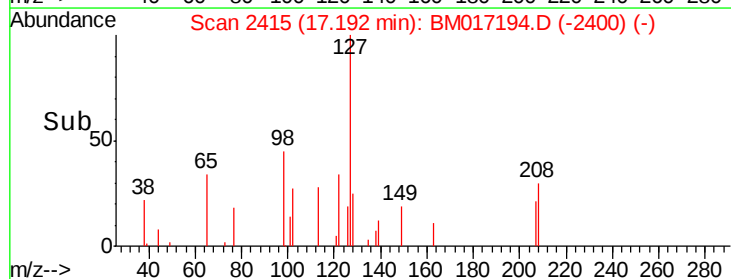
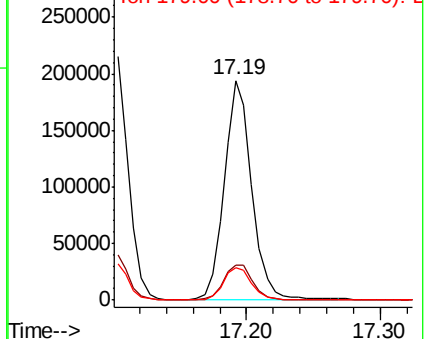


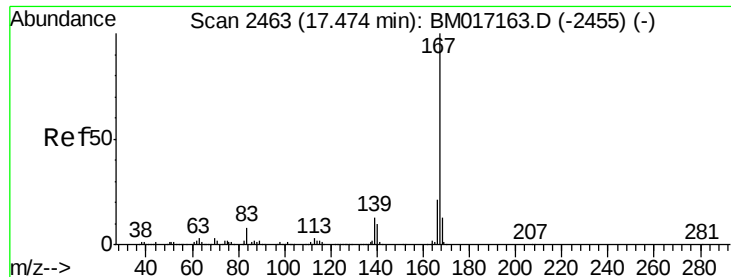
Abundance

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





#73

Carbazole

Concen: 4.308 ng

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM017194.D

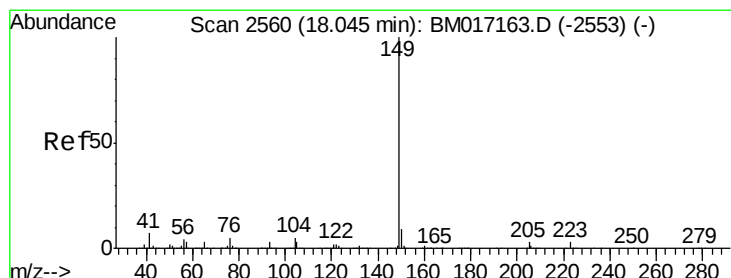
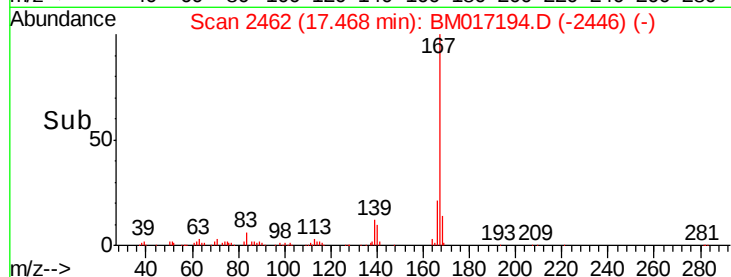
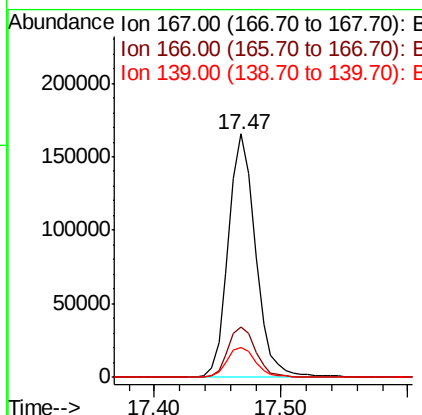
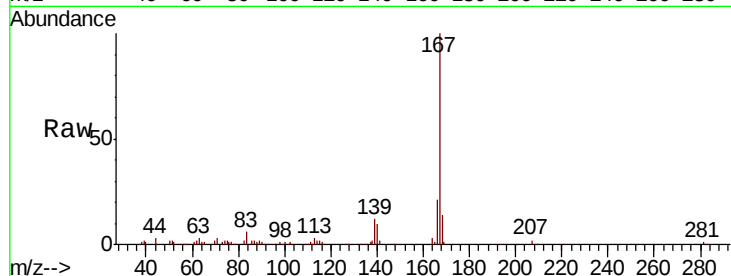
Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:167 | Resp: | 246540    |
| Ion Ratio   | Lower | Upper     |
| 167         | 100   |           |
| 166         | 20.8  | 17.1 25.7 |
| 139         | 12.4  | 10.1 15.1 |



#74

Di-n-butylphthalate

Concen: 4.193 ng

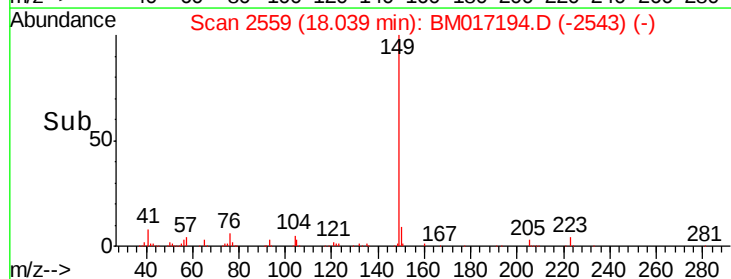
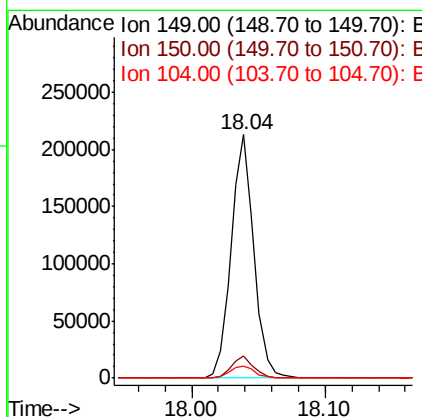
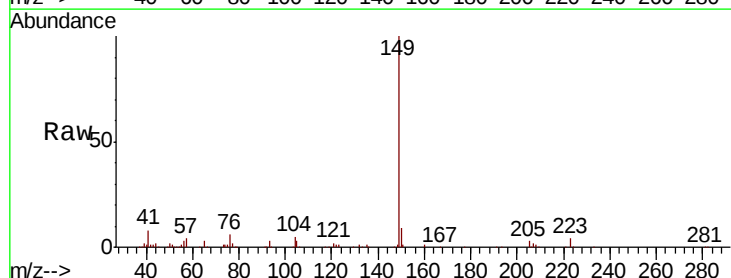
RT: 18.04 min Scan# 2559

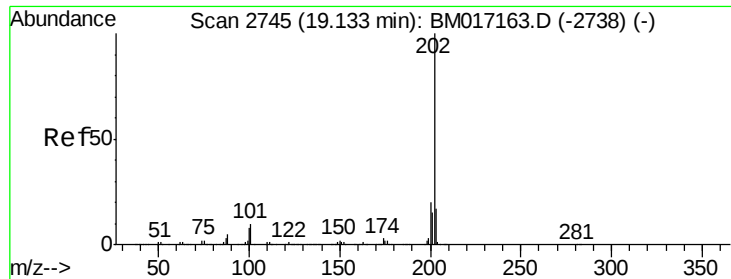
Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:149 | Resp: | 253095   |
| Ion Ratio   | Lower | Upper    |
| 149         | 100   |          |
| 150         | 9.3   | 7.4 11.0 |
| 104         | 5.0   | 4.3 6.5  |





#75

Fluoranthene

Concen: 5.032 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

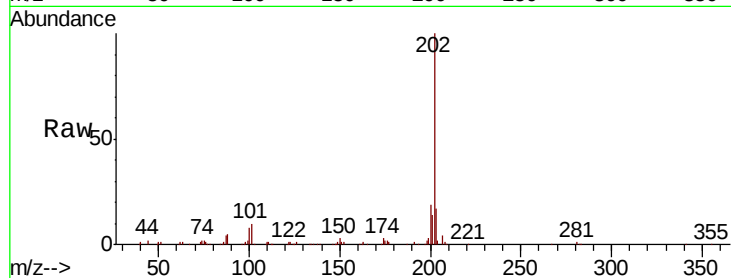
Tot Ion:202 Resp: 333871

Ion Ratio Lower Upper

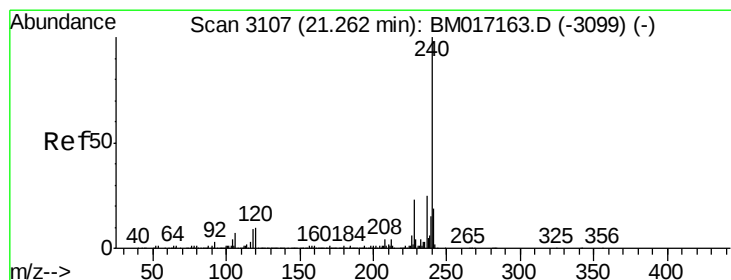
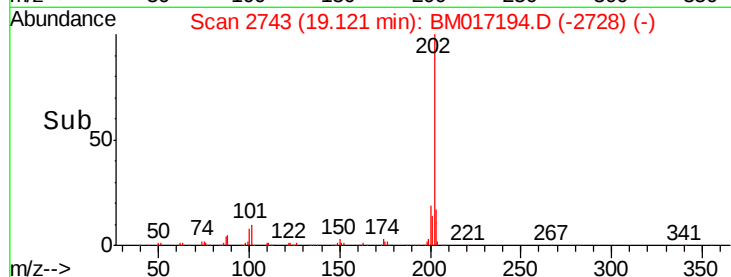
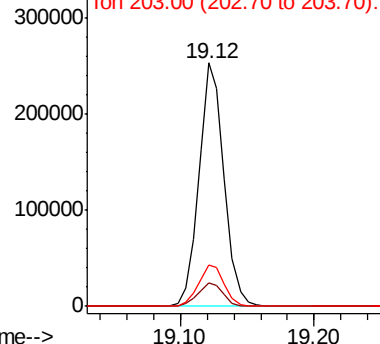
202 100

101 9.5 0.0 30.0

203 17.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

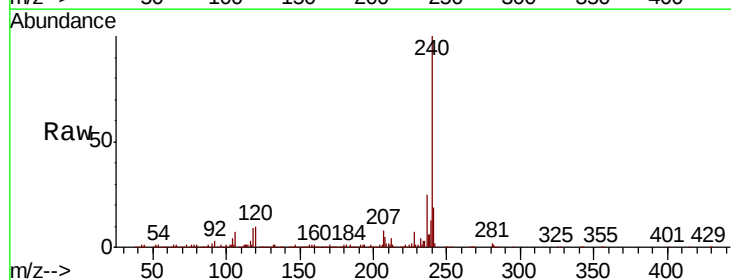
Tgt Ion:240 Resp: 1295627

Ion Ratio Lower Upper

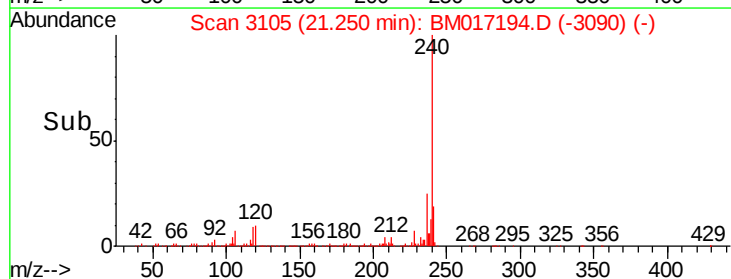
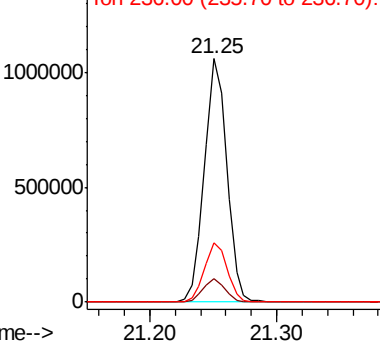
240 100

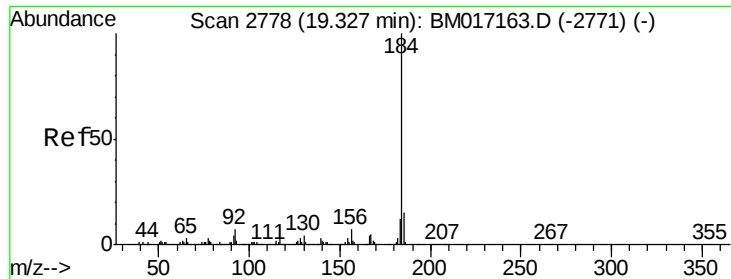
120 9.6 8.1 12.1

236 24.6 19.9 29.9



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





#77

Benzidine

Concen: 2.182 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

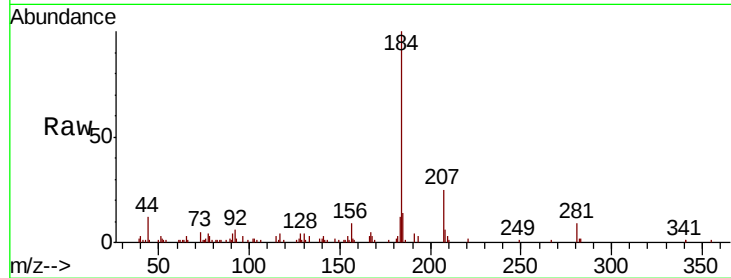
Tot Ion:184 Resp: 71682

Ion Ratio Lower Upper

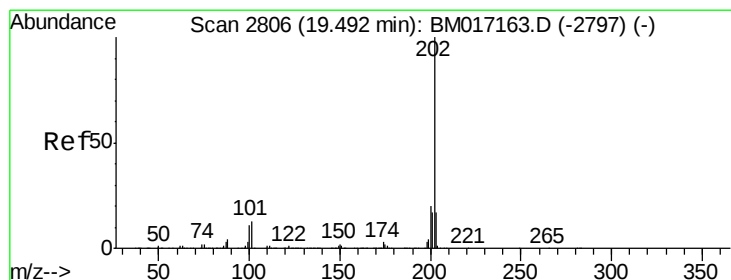
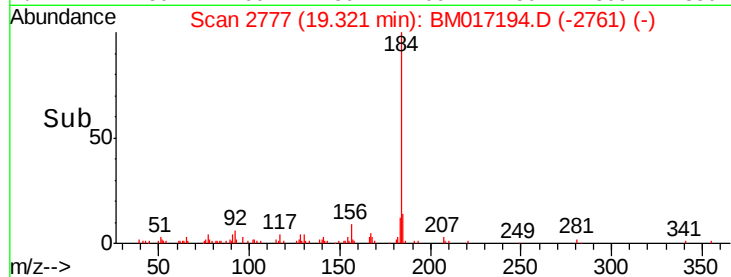
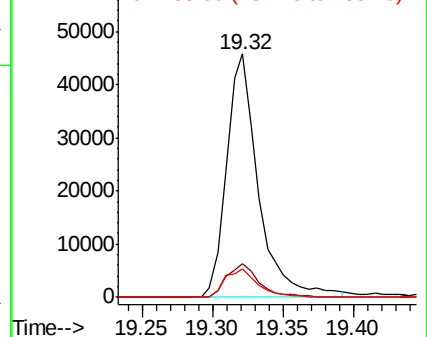
184 100

185 13.7 11.8 17.8

183 11.5 9.7 14.5



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



#78

Pyrene

Concen: 4.761 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

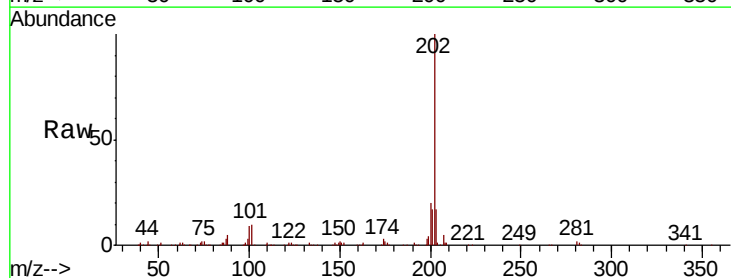
Tgt Ion:202 Resp: 344784

Ion Ratio Lower Upper

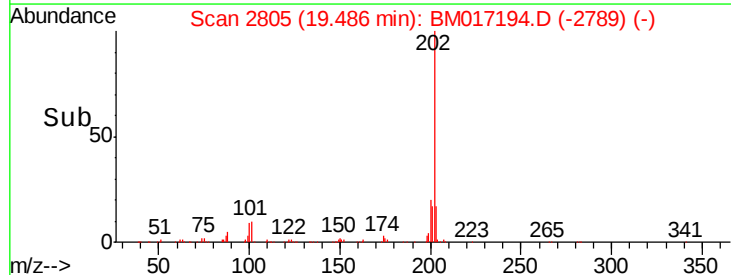
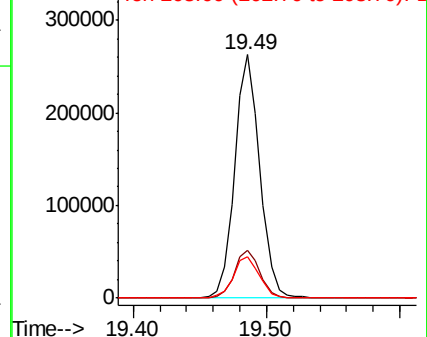
202 100

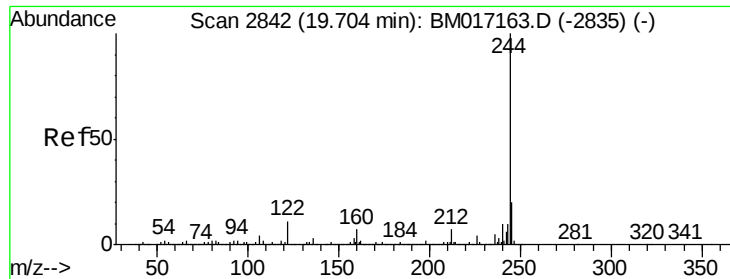
200 19.8 16.3 24.5

203 16.8 13.9 20.9



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

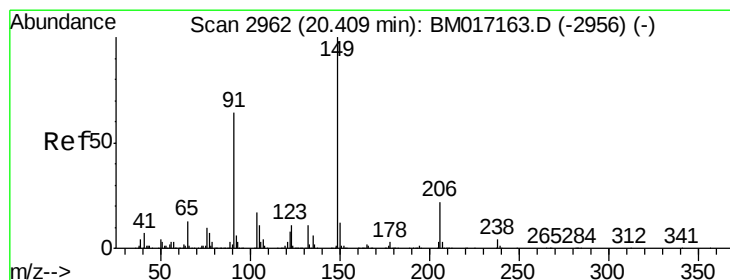
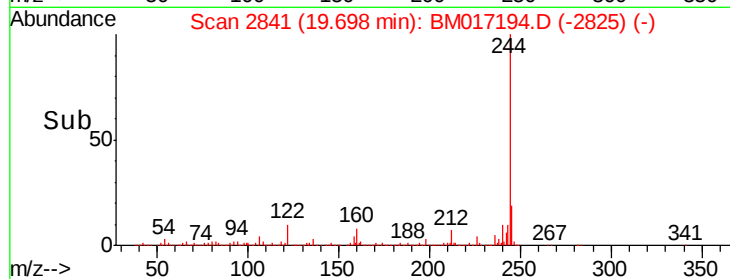
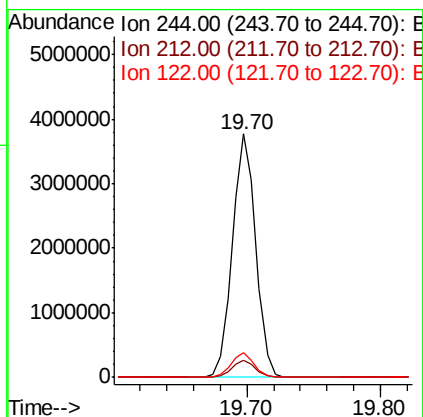
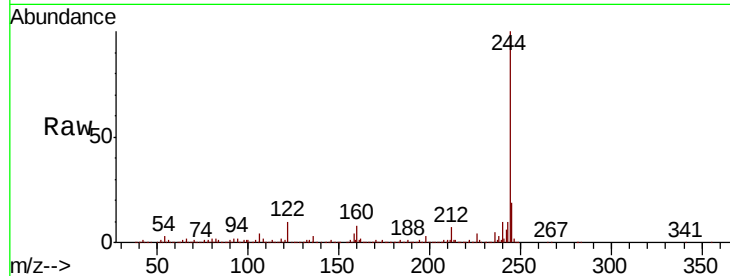




#79  
 Terphenyl-d14  
 Concen: 79.869 ng  
 RT: 19.70 min Scan# 2841  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

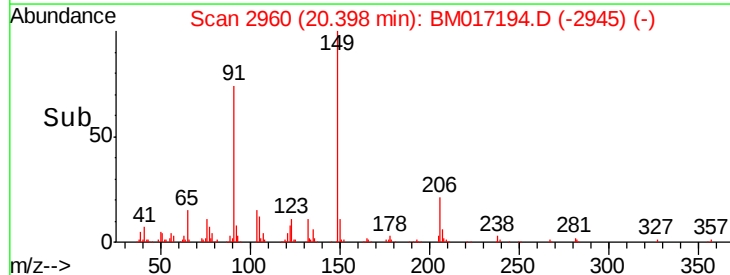
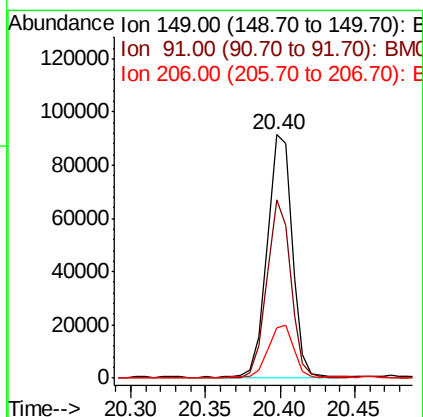
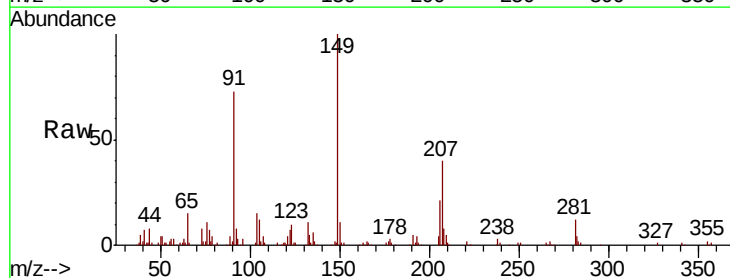
Instrument :  
 BNA\_M  
 ClientSampled :

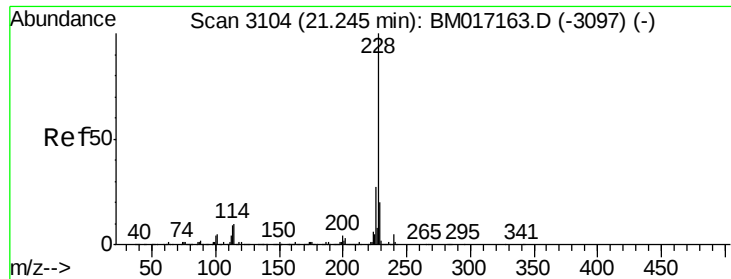
Tot Ion:244 Resp: 4590959  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.5 8.3  
 122 10.2 8.4 12.6



#80  
 Butylbenzylphthalate  
 Concen: 10.428 ng  
 RT: 20.40 min Scan# 2960  
 Delta R.T. -0.01 min  
 Lab File: BM017194.D  
 Acq: 18 Oct 2018 15:49

Tgt Ion:149 Resp: 105352  
 Ion Ratio Lower Upper  
 149 100  
 91 73.3 51.3 76.9  
 206 20.6 18.0 27.0

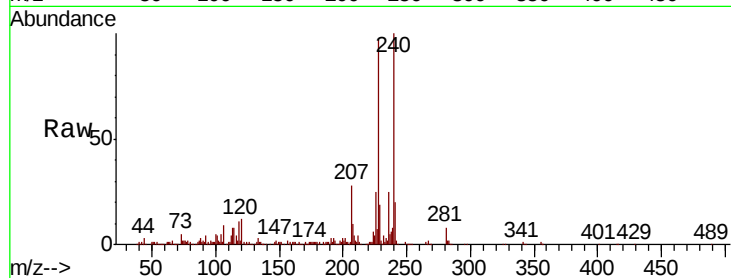




#81  
Benzo(a)anthracene  
Concen: 5.064 ng  
RT: 21.24 min Scan# 3103  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 25.3  | 21.4  | 32.0  |
| 229     | 19.3  | 15.9  | 23.9  |

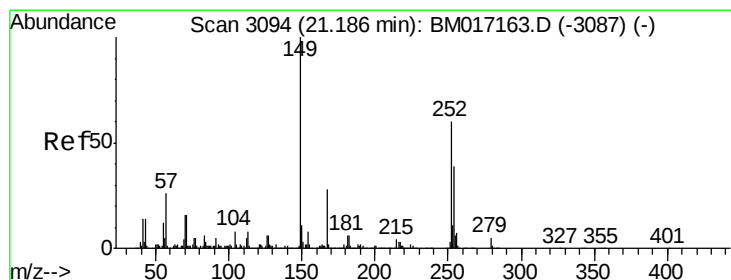
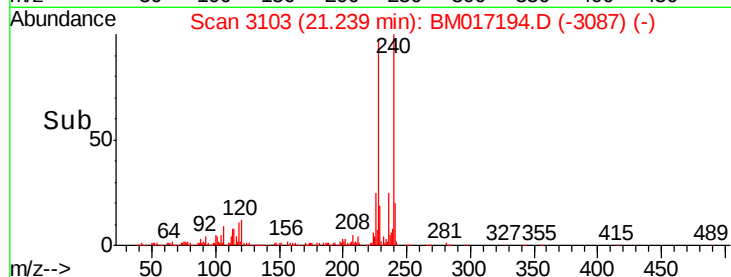
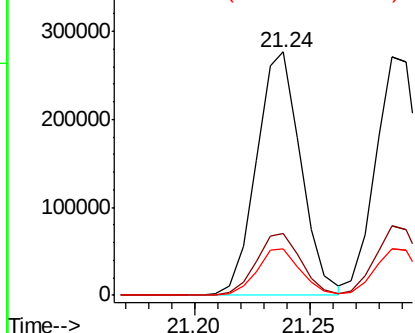


Abundance

Ion 228.00 (227.70 to 228.70): E

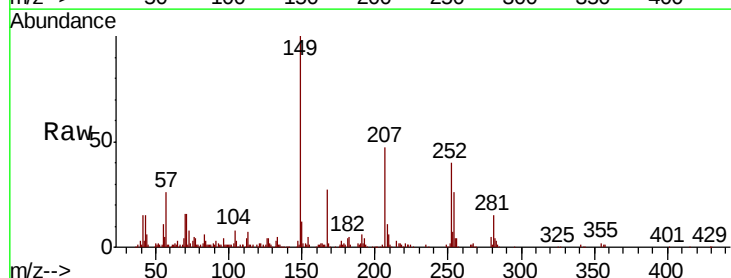
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82  
3,3'-Dichlorobenzidine  
Concen: 3.052 ng  
RT: 21.18 min Scan# 3093  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.3  | 52.1  | 78.1  |
| 126     | 9.3   | 8.6   | 12.8  |

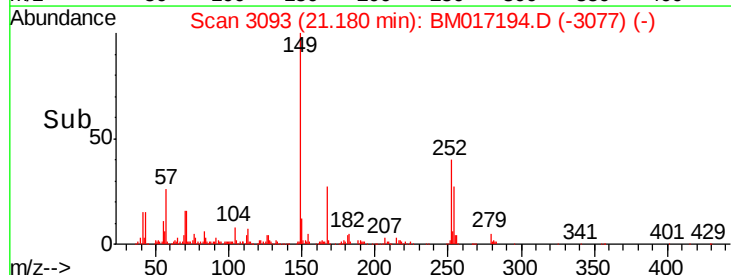
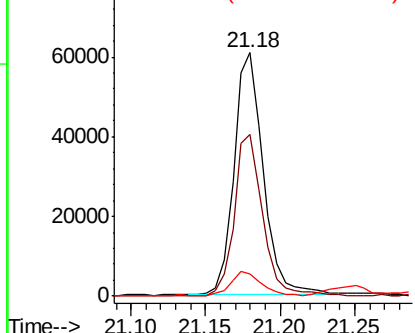


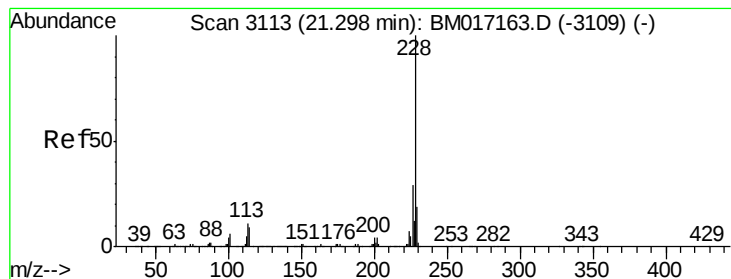
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 5.014 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

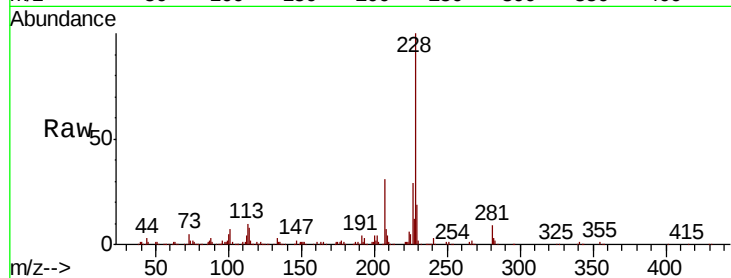
Tot Ion:228 Resp: 361819

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.9  | 23.3  | 34.9  |
| 229 | 19.4  | 15.6  | 23.4  |

228 100

226 28.9 23.3 34.9

229 19.4 15.6 23.4

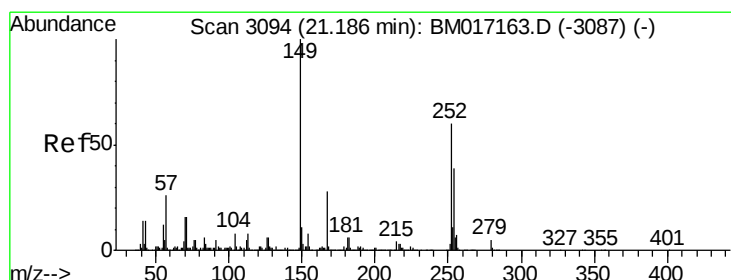
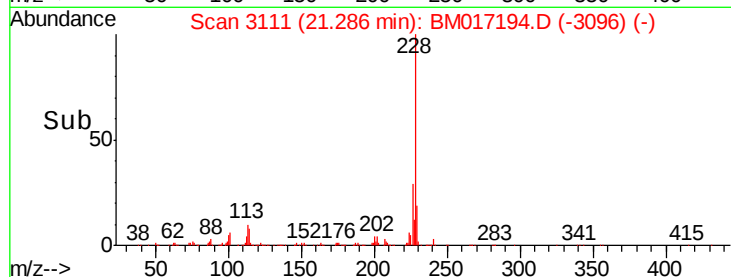
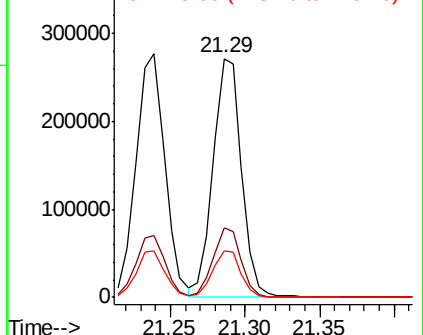


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.638 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

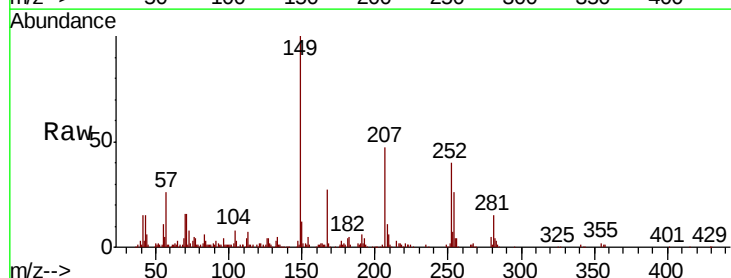
Tgt Ion:149 Resp: 157845

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.1  | 22.2  | 33.4  |
| 279 | 5.2   | 3.6   | 5.4   |

149 100

167 27.1 22.2 33.4

279 5.2 3.6 5.4

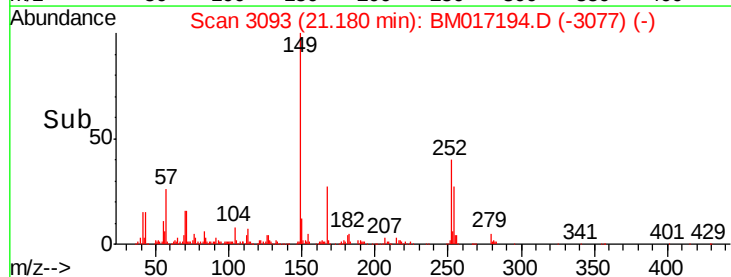
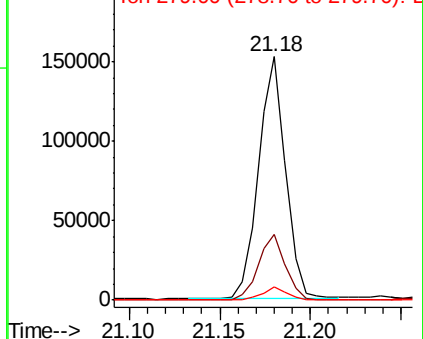


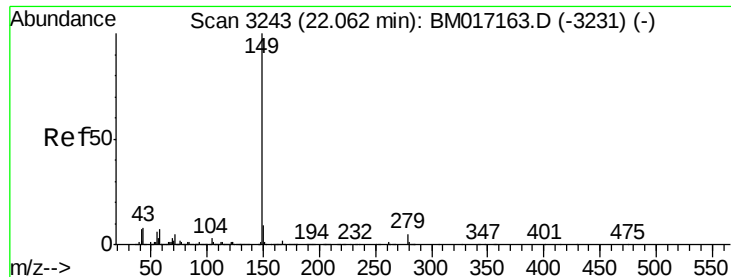
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 8.831 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

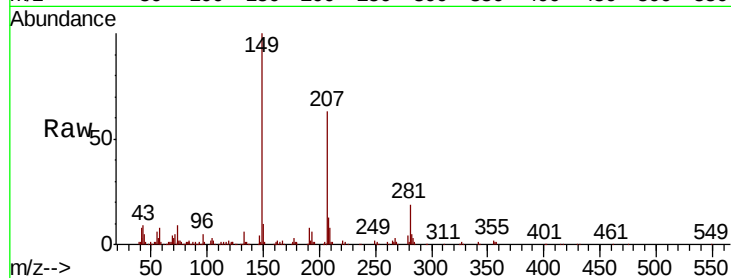
Tot Ion:149 Resp: 263348

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

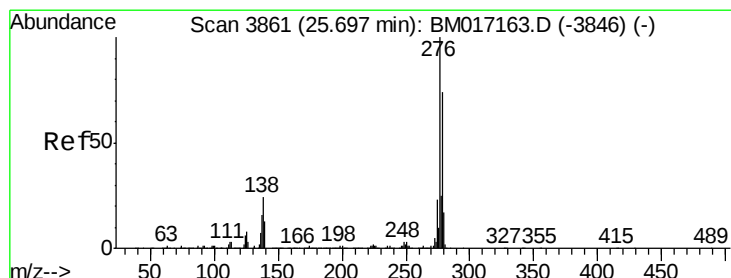
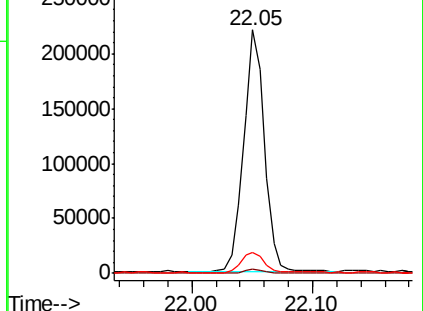
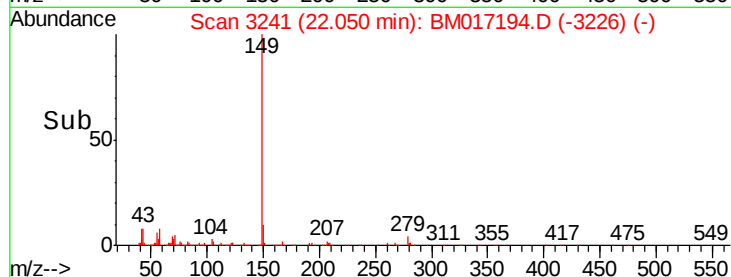
43 9.4 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.108 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

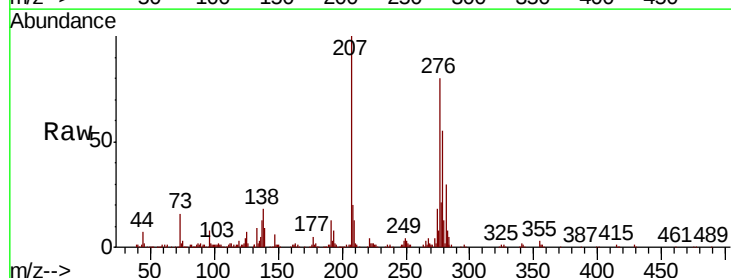
Tgt Ion:276 Resp: 412305

Ion Ratio Lower Upper

276 100

138 23.1 19.5 29.3

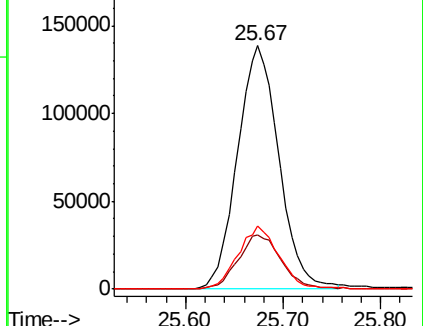
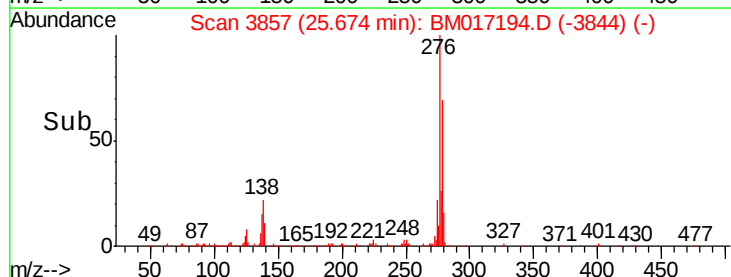
277 25.4 20.1 30.1

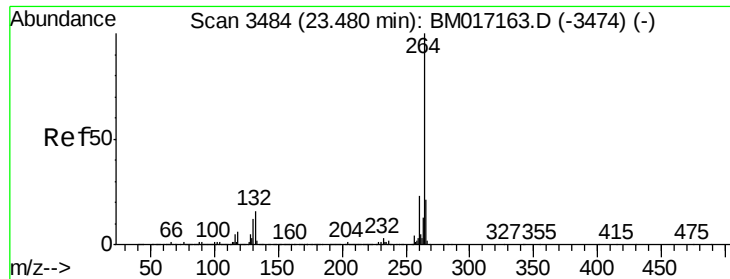


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



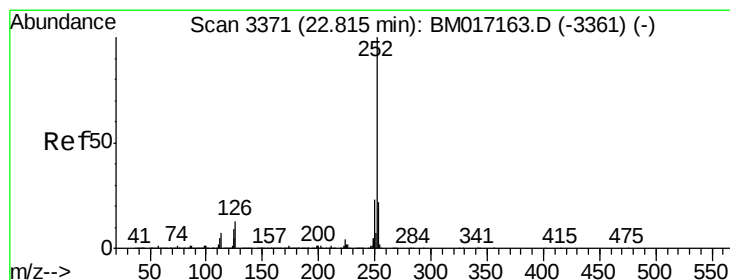
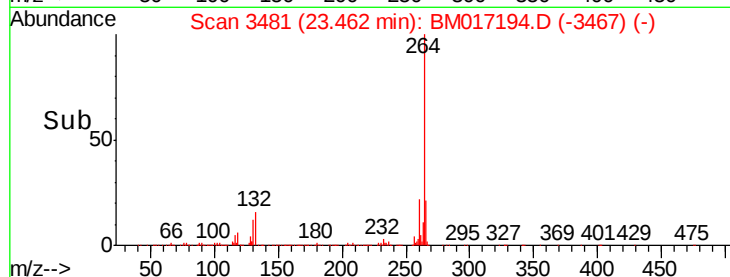
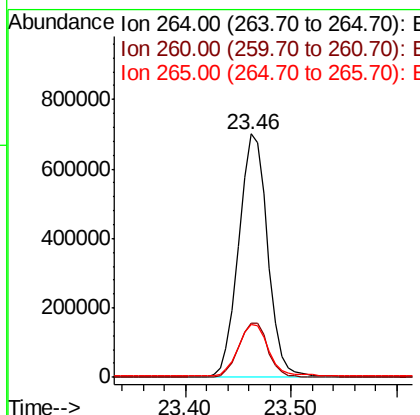
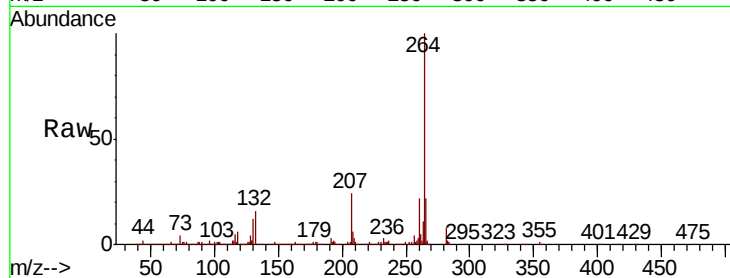


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.46 min Scan# 3481  
Delta R.T. -0.02 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:264 Resp: 1337902  

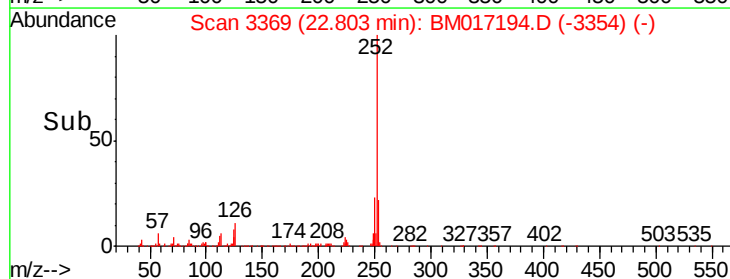
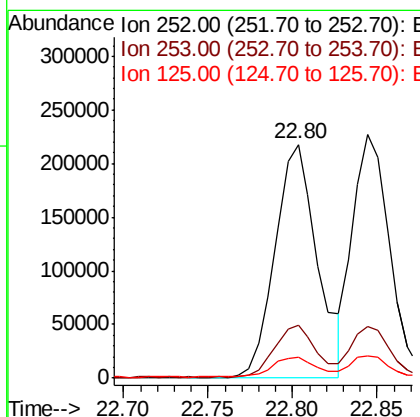
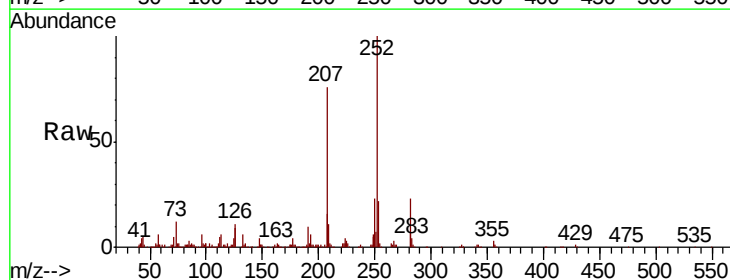
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.2  | 18.6  | 27.8  |
| 265 | 22.0  | 17.8  | 26.8  |

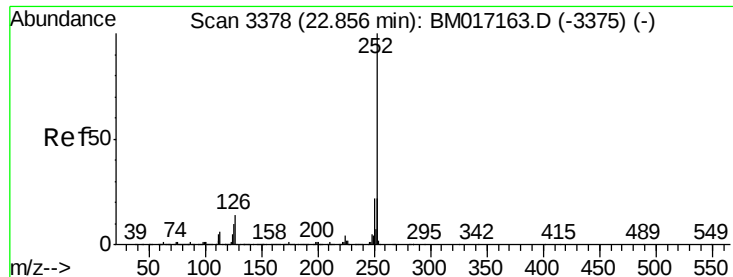


#88  
Benzo(b)fluoranthene  
Concen: 5.176 ng  
RT: 22.80 min Scan# 3369  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion:252 Resp: 378637  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 17.4  | 26.2  |
| 125 | 8.8   | 7.5   | 11.3  |

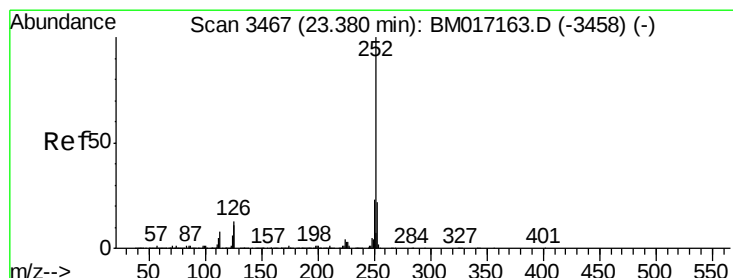
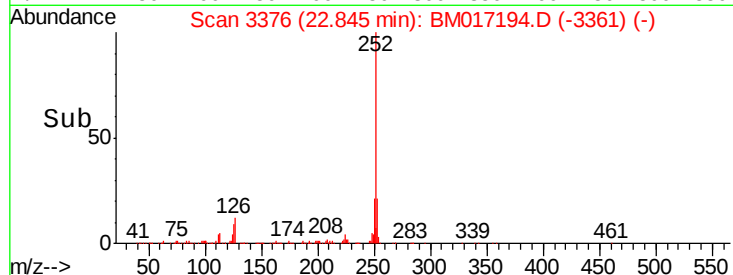
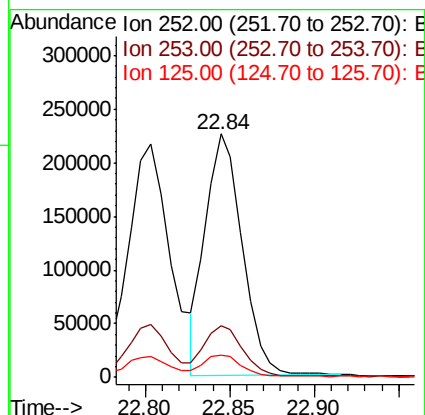
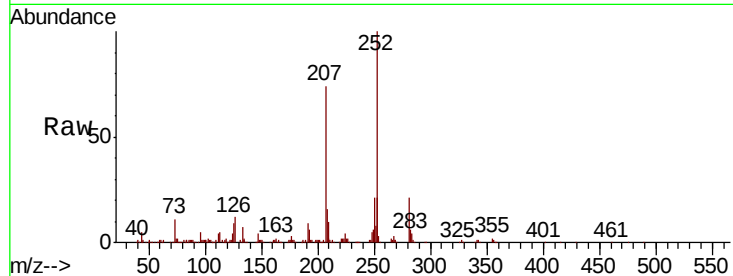




#89  
Benzo(k)fluoranthene  
Concen: 4.672 ng  
RT: 22.84 min Scan# 3376  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

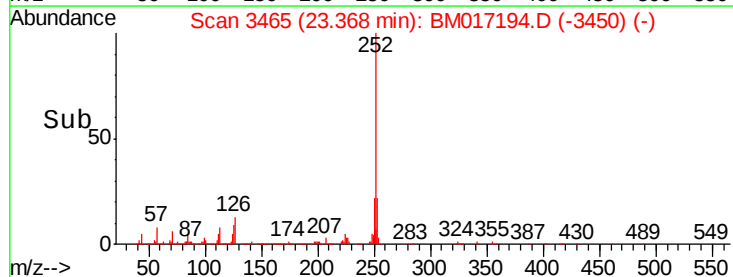
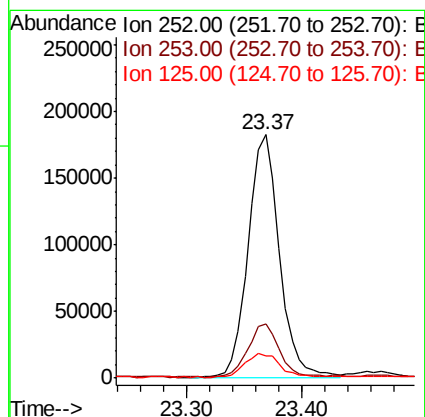
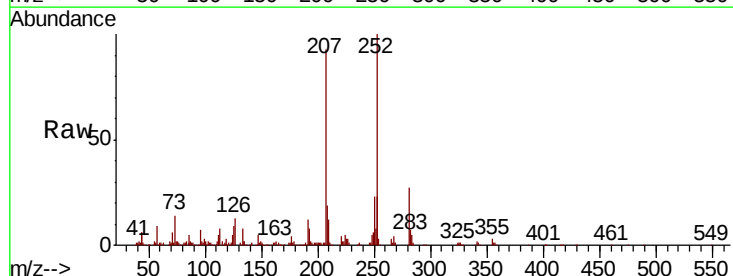
Instrument :  
BNA\_M  
ClientSampleId :

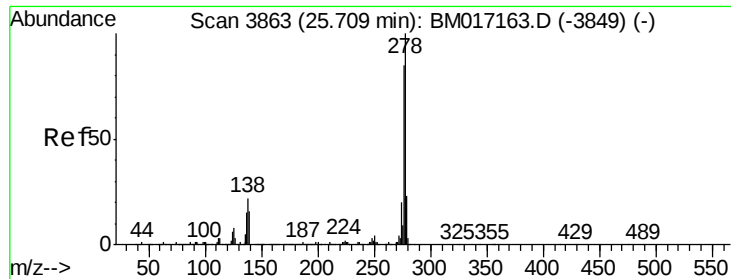
Tot Ion:252 Resp: 342916  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.5 26.3  
125 9.2 8.2 12.2



#90  
Benzo(a)pyrene  
Concen: 4.934 ng  
RT: 23.37 min Scan# 3465  
Delta R.T. -0.01 min  
Lab File: BM017194.D  
Acq: 18 Oct 2018 15:49

Tgt Ion:252 Resp: 342650  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.0  
125 9.3 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 5.069 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

Instrument :

BNA\_M

ClientSampleId :

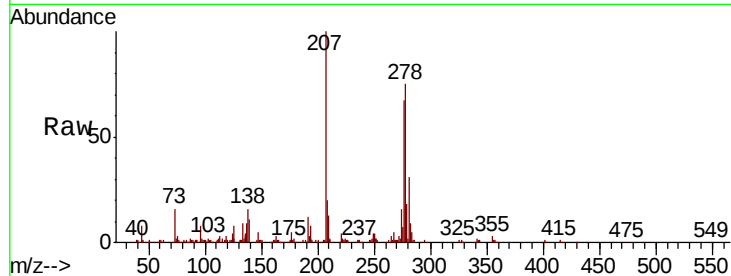
Tot Ion:278 Resp: 349550

Ion Ratio Lower Upper

278 100

139 14.0 12.7 19.1

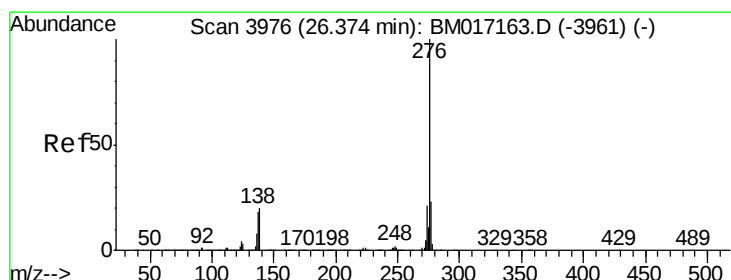
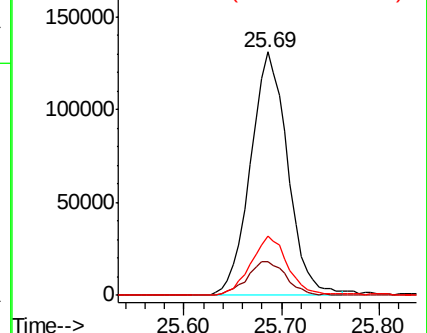
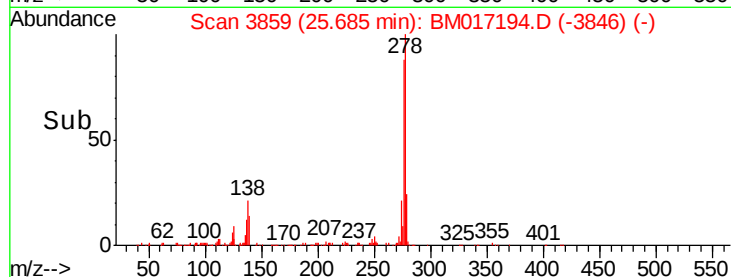
279 24.1 18.7 28.1



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



#92

Benzo(g,h,i)perylene

Concen: 5.187 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017194.D

Acq: 18 Oct 2018 15:49

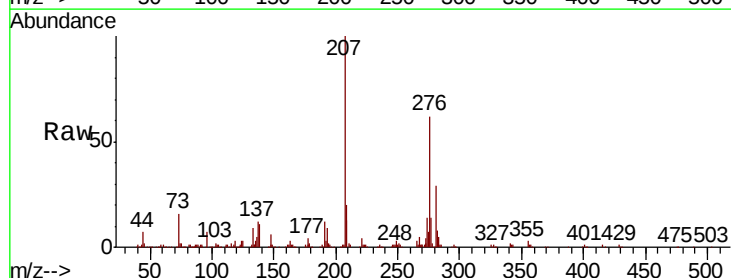
Tgt Ion:276 Resp: 354524

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 18.1 16.4 24.6



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

