

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101818\  
 Data File : BM017195.D  
 Acq On : 18 Oct 2018 16:25  
 Operator : MJ/SJ  
 Sample : J5164-03  
 Misc : MDL 8 PPM  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 19 09:36:08 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  | 221897   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.45 | 136  | 927543   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.31 | 164  | 548439   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.06 | 188  | 1308048  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.25 | 240  | 1545574  | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.46 | 264  | 1622340  | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.28  | 112 | 1570059 | 119.67 | ng | 0.00  |
| 7) Phenol-d6             | 6.85  | 99  | 2057982 | 115.18 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.82  | 82  | 1233928 | 77.80  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.80 | 330 | 927857  | 125.10 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 12.93 | 172 | 2960159 | 71.82  | ng | 0.00  |
| 79) Terphenyl-d14        | 19.70 | 244 | 4788145 | 69.83  | ng | 0.00  |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.26  | 88  | 38863  | 5.801  | ng | # 84   |
| 3) Pyridine                    | 3.65  | 79  | 102959 | 6.679  | ng | # 84   |
| 4) n-Nitrosodimethylamine      | 3.56  | 42  | 45073  | 7.284  | ng | # 66   |
| 6) Aniline                     | 7.01  | 93  | 116868 | 5.229  | ng | 93     |
| 8) 2-Chlorophenol              | 7.24  | 128 | 104194 | 6.865  | ng | 95     |
| 9) Benzaldehyde                | 6.83  | 77  | 77536  | 6.806  | ng | 96     |
| 10) Phenol                     | 6.87  | 94  | 127877 | 6.650  | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.11  | 93  | 94622  | 6.172  | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.56  | 146 | 117168 | 6.622  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.70  | 146 | 118838 | 6.574  | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.02  | 146 | 113048 | 6.491  | ng | 99     |
| 15) Benzyl Alcohol             | 7.92  | 79  | 83765  | 6.414  | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19  | 45  | 132429 | 6.183  | ng | 98     |
| 17) 2-Methylphenol             | 8.11  | 107 | 82299  | 6.667  | ng | 97     |
| 18) Hexachloroethane           | 8.73  | 117 | 40683  | 6.576  | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.47  | 70  | 72669  | 6.176  | ng | 99     |
| 20) 3+4-Methylphenols          | 8.43  | 107 | 109091 | 6.462  | ng | 97     |
| 22) Acetophenone               | 8.49  | 105 | 153496 | 6.528  | ng | 96     |
| 24) Nitrobenzene               | 8.86  | 77  | 121860 | 7.264  | ng | 90     |
| 25) Isophorone                 | 9.39  | 82  | 191868 | 7.326  | ng | # 97   |
| 26) 2-Nitrophenol              | 9.57  | 139 | 43685  | 10.606 | ng | # 92   |
| 27) 2,4-Dimethylphenol         | 9.63  | 122 | 92314  | 7.972  | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.87  | 93  | 127262 | 6.904  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.10 | 162 | 90142  | 6.704  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.31 | 180 | 108682 | 6.738  | ng | 94     |
| 31) Naphthalene                | 10.49 | 128 | 324991 | 7.150  | ng | 100    |
| 32) Benzoic acid               | 9.70  | 122 | 33545  | 3.882  | ng | 93     |
| 33) 4-Chloroaniline            | 10.62 | 127 | 94743  | 4.826  | ng | 95     |
| 34) Hexachlorobutadiene        | 10.77 | 225 | 66677  | 6.524  | ng | 97     |
| 35) Caprolactam                | 11.39 | 113 | 23912  | 4.880  | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 11.74 | 107 | 98688  | 6.512  | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.12 | 142 | 234547 | 7.540  | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.33 | 142 | 224622 | 7.420  | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216 | 122353 | 6.335  | ng | 99     |

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 Misc : MDL 8 PPM  
 ALS Vial : 7 Sample Multiplier: 1

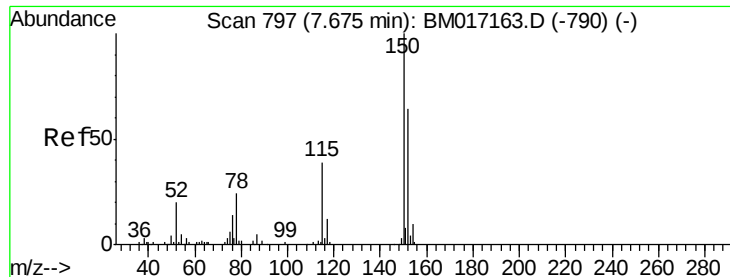
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 19 09:36:08 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
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 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  | 74159    | 7.942  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.73 | 196  | 73815    | 6.584  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 12.80 | 196  | 82400    | 6.854  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.14 | 154  | 302548   | 6.130  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.17 | 162  | 234811   | 6.467  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.39 | 65   | 58333    | 10.700 | ng    | 99       |
| 49) Acenaphthylene             | 14.03 | 152  | 369689   | 7.025  | ng    | 99       |
| 50) Dimethylphthalate          | 13.77 | 163  | 301590   | 7.128  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.89 | 165  | 57460    | 6.170  | ng    | 89       |
| 52) Acenaphthene               | 14.37 | 154  | 228259   | 6.908  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.23 | 138  | 47903    | 4.749  | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.43 | 184  | 25051    | 12.340 | ng    | 88       |
| 55) Dibenzofuran               | 14.71 | 168  | 370276   | 6.738  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.53 | 139  | 44507    | 9.273  | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 14.69 | 165  | 73934    | 5.907  | ng    | 92       |
| 58) Fluorene                   | 15.36 | 166  | 294159   | 7.232  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.94 | 232  | 75467    | 6.886  | ng    | 96       |
| 60) Diethylphthalate           | 15.14 | 149  | 293094   | 6.985  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.36 | 204  | 153747   | 6.630  | ng    | 97       |
| 62) 4-Nitroaniline             | 15.39 | 138  | 56249    | 9.257  | ng    | 87       |
| 63) Azobenzene                 | 15.66 | 77   | 265023   | 6.498  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 38883    | 10.956 | ng    | 89       |
| 66) n-Nitrosodiphenylamine     | 15.58 | 169  | 258182   | 6.524  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.26 | 248  | 94690    | 6.593  | ng    | 96       |
| 68) Hexachlorobenzene          | 16.36 | 284  | 108076   | 6.478  | ng    | 95       |
| 69) Atrazine                   | 16.53 | 200  | 90037    | 6.357  | ng    | 99       |
| 70) Pentachlorophenol          | 16.71 | 266  | 52618    | 4.604  | ng    | 99       |
| 71) Phenanthrene               | 17.10 | 178  | 501276   | 7.103  | ng    | 99       |
| 72) Anthracene                 | 17.19 | 178  | 477535   | 7.121  | ng    | 98       |
| 73) Carbazole                  | 17.47 | 167  | 429273   | 6.267  | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.04 | 149  | 445923   | 6.172  | ng    | 100      |
| 75) Fluoranthene               | 19.12 | 202  | 566558   | 7.134  | ng    | 99       |
| 77) Benzidine                  | 19.32 | 184  | 140818   | 3.593  | ng    | 98       |
| 78) Pyrene                     | 19.49 | 202  | 591214   | 6.844  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.40 | 149  | 192718   | 12.162 | ng    | 91       |
| 81) Benzo(a)anthracene         | 21.24 | 228  | 623445   | 7.168  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 151106   | 4.661  | ng    | 97       |
| 83) Chrysene                   | 21.29 | 228  | 607624   | 7.058  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 280116   | 10.262 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.05 | 149  | 492173   | 10.677 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.67 | 276  | 700037   | 7.270  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 22.80 | 252  | 610920   | 6.888  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.84 | 252  | 613925   | 6.898  | ng    | 98       |
| 90) Benzo(a)pyrene             | 23.37 | 252  | 586272   | 6.961  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 25.69 | 278  | 590230   | 7.058  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.34 | 276  | 590166   | 7.121  | ng    | 98       |

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



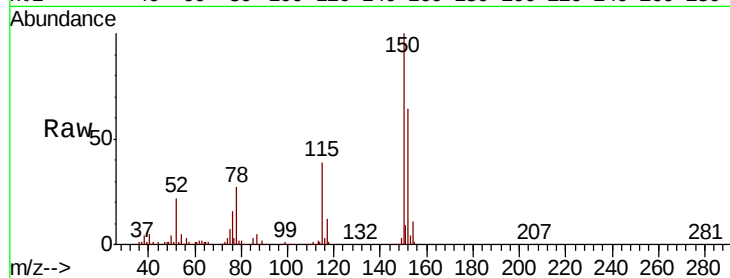


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.67 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.1 | 124.3 | 186.5 |
| 115     | 60.9  | 48.1  | 72.1  |

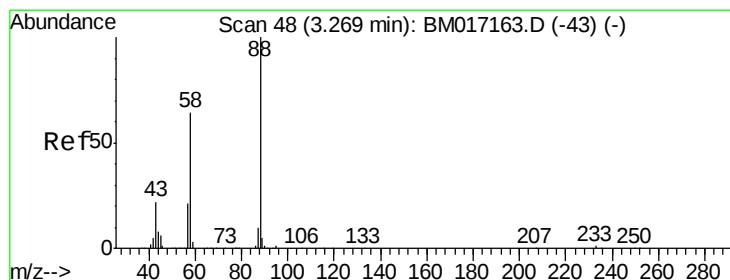
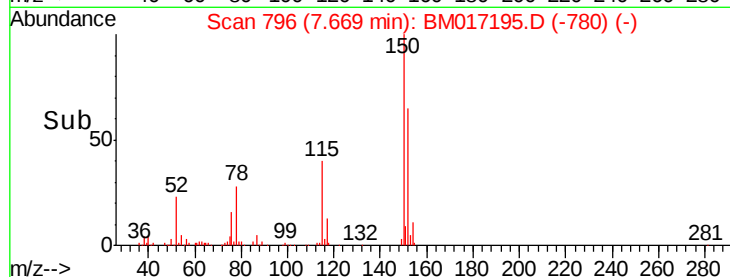
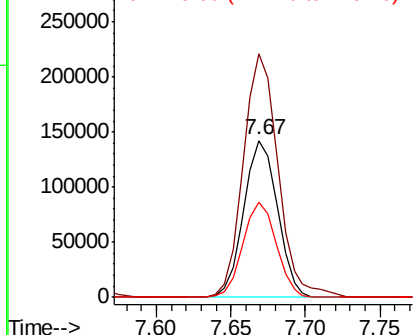


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

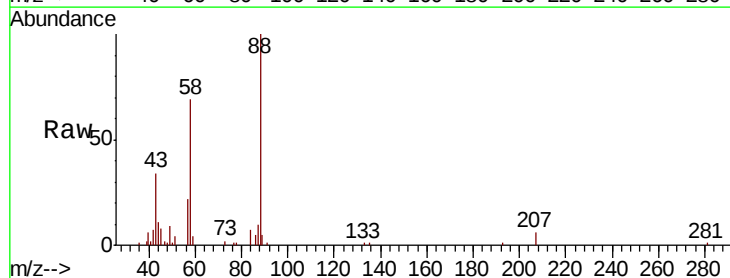
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 5.801 ng  
RT: 3.26 min Scan# 47  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.6  | 50.2  | 75.4  |
| 43      | 33.5  | 19.3  | 28.9  |

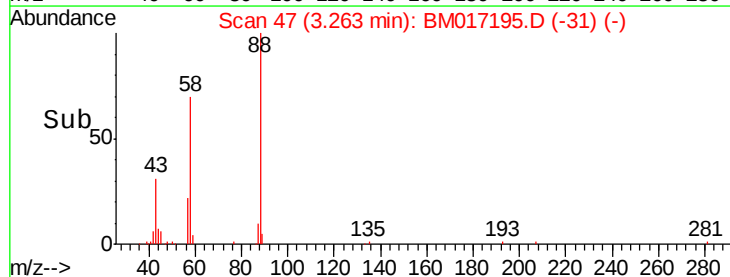
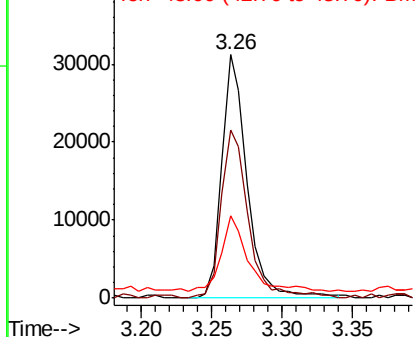


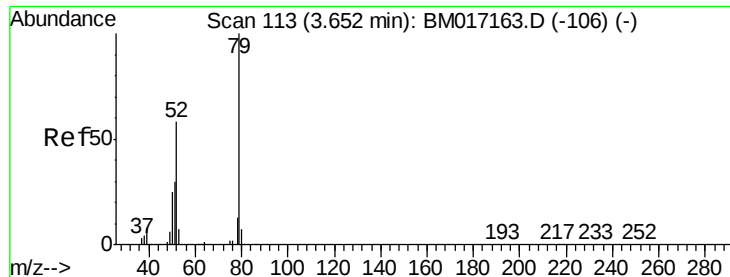
Abundance

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: 6.679 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampleId :

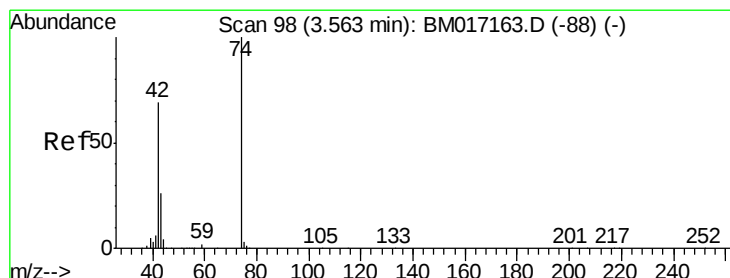
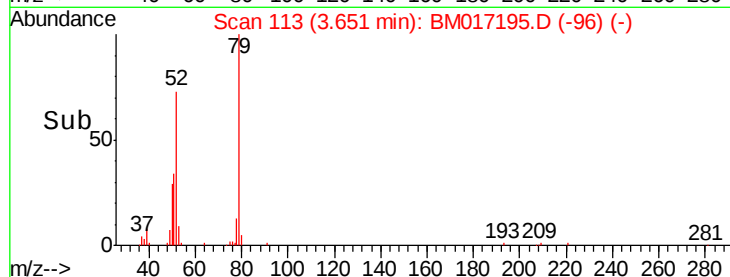
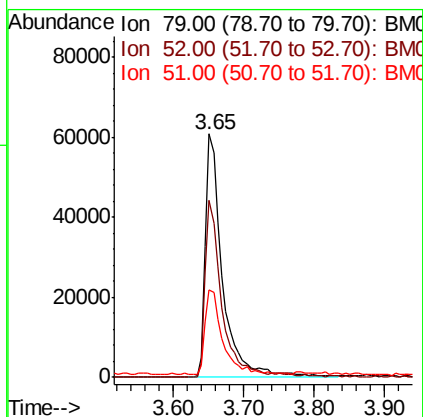
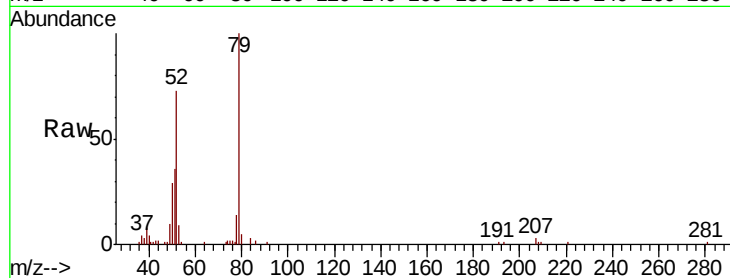
Tot Ion: 79 Resp: 102959

Ion Ratio Lower Upper

79 100

52 72.8 46.5 69.7#

51 35.8 24.6 37.0



#4

n-Nitrosodimethylamine

Concen: 7.284 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

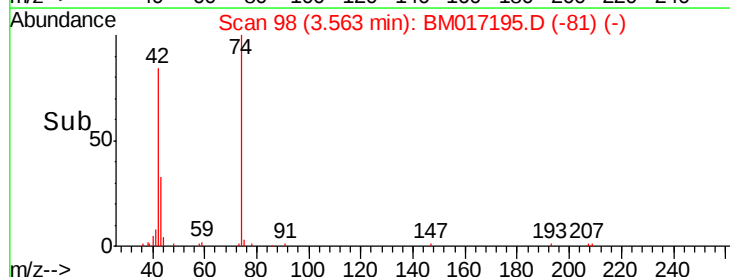
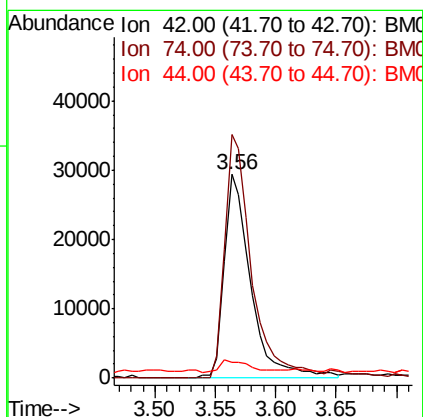
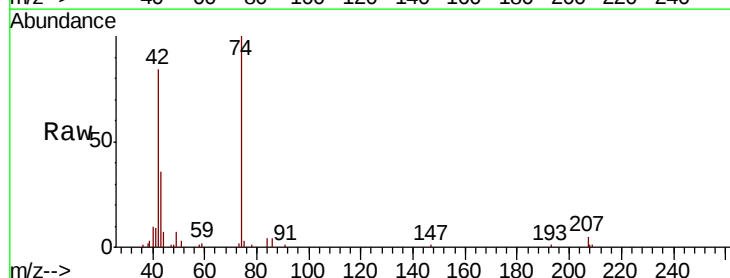
Tgt Ion: 42 Resp: 45073

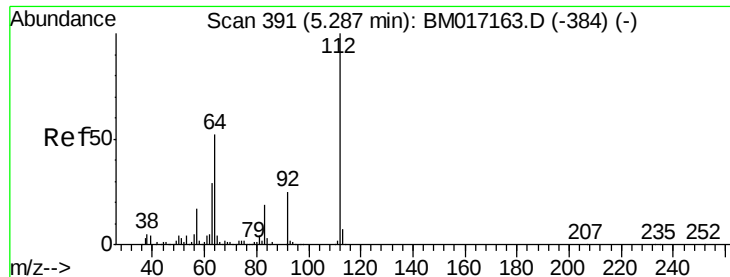
Ion Ratio Lower Upper

42 100

74 119.7 114.4 171.6

44 8.0 48.6 73.0#





#5

2-Fluorophenol

Concen: 119.672 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampled :

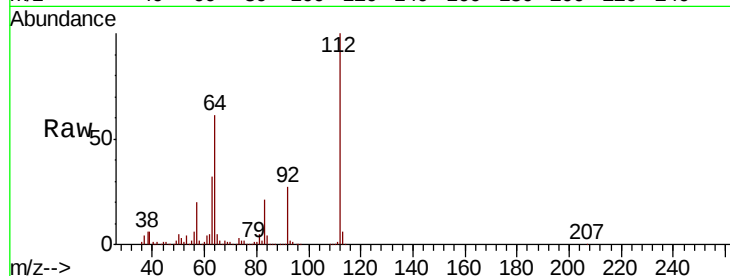
Tot Ion:112 Resp: 1570059

Ion Ratio Lower Upper

112 100

64 60.5 41.7 62.5

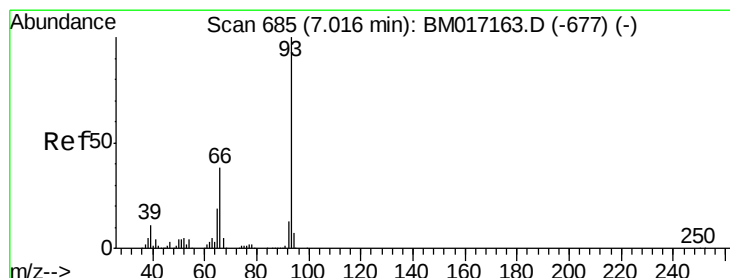
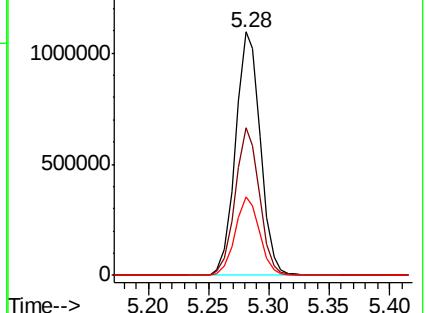
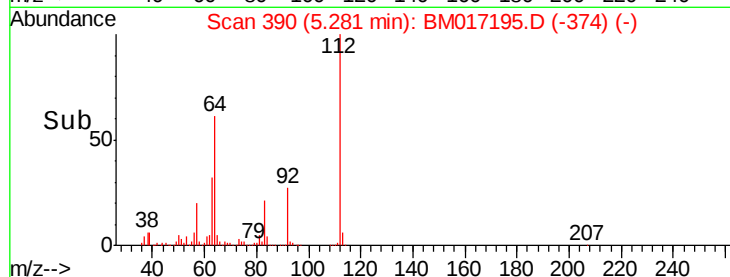
63 32.2 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 5.229 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

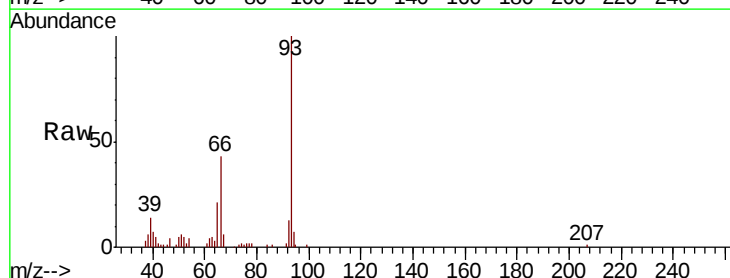
Tgt Ion: 93 Resp: 116868

Ion Ratio Lower Upper

93 100

66 42.6 30.4 45.6

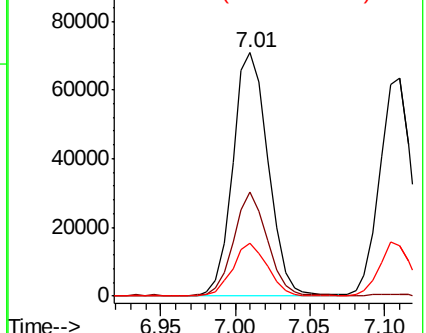
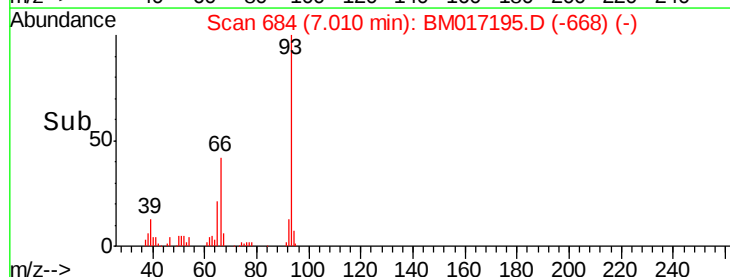
65 21.5 15.3 22.9

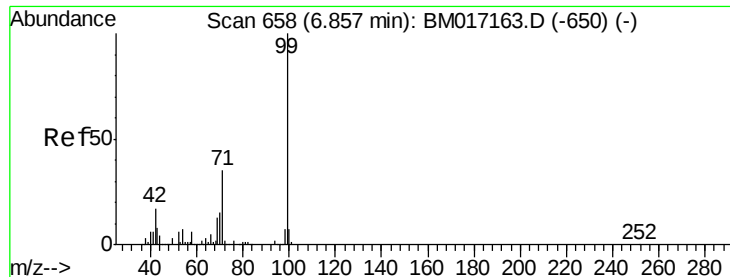


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 115.176 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

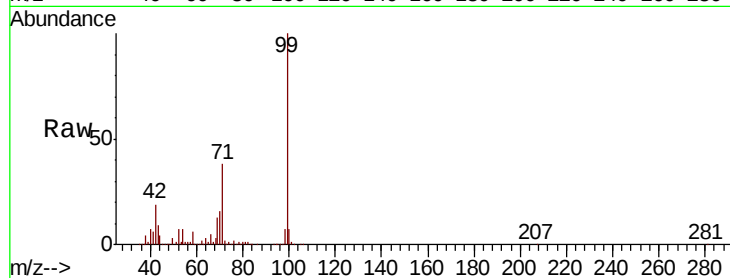
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 99 Resp: 2057982

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.6  | 13.3  | 19.9  |
| 71  | 37.6  | 28.0  | 42.0  |

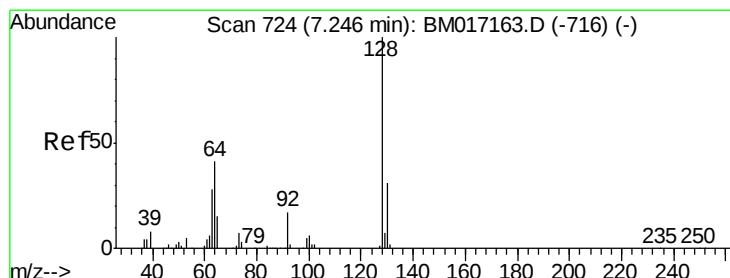
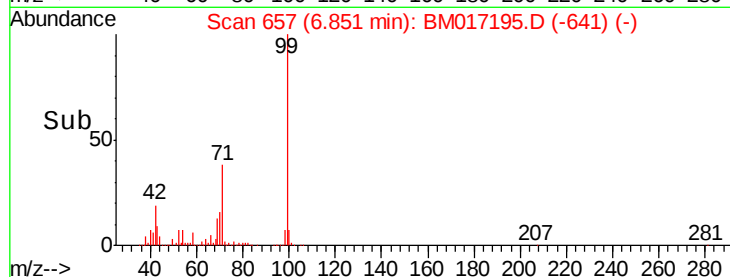
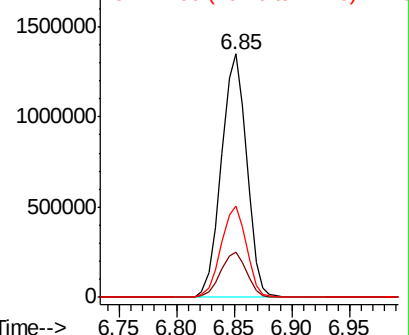


Abundance

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: 6.865 ng

RT: 7.24 min Scan# 723

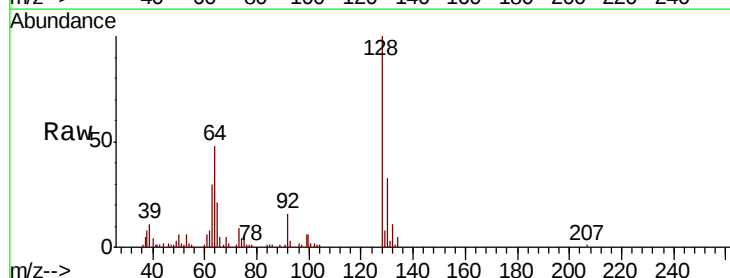
Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Tgt Ion: 128 Resp: 104194

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 11.0  | 51.0  |
| 64  | 48.4  | 24.1  | 64.1  |

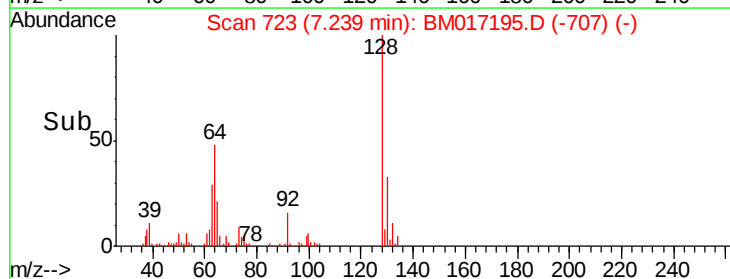
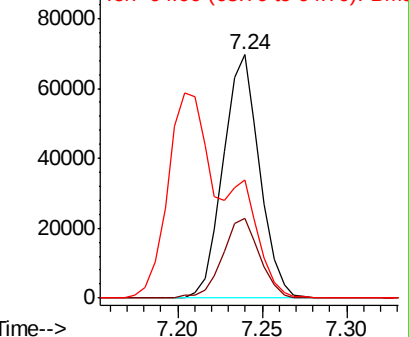


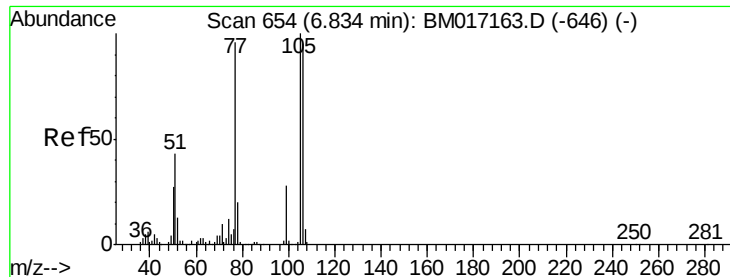
Abundance

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: 6.806 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampled :

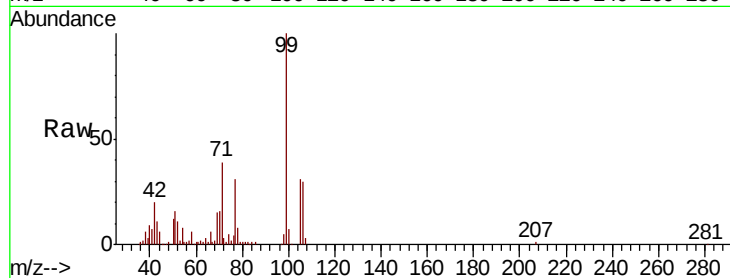
Tot Ion: 77 Resp: 77536

Ion Ratio Lower Upper

77 100

105 98.5 83.9 123.9

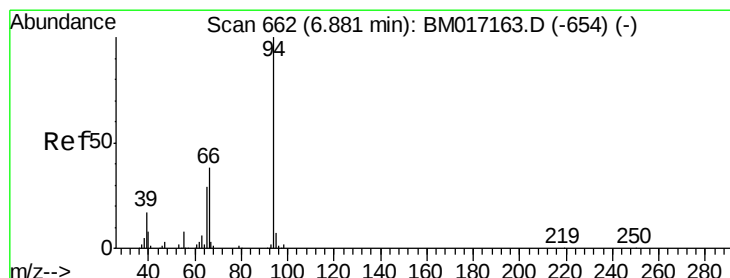
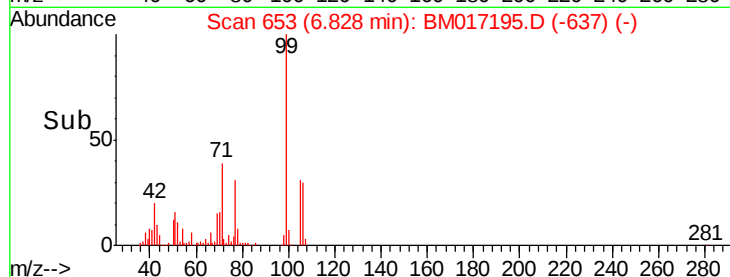
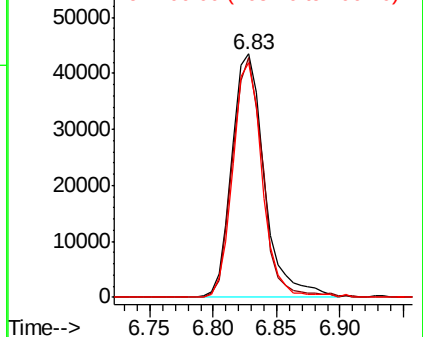
106 96.3 78.2 118.2



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: 6.650 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

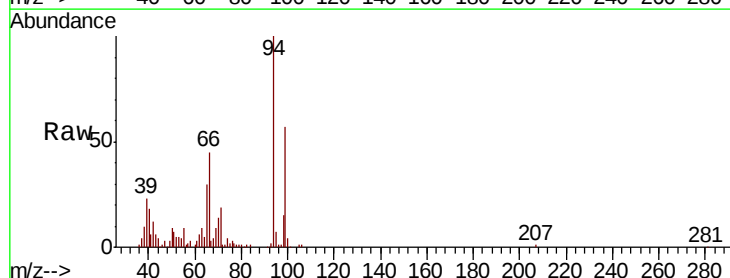
Tgt Ion: 94 Resp: 127877

Ion Ratio Lower Upper

94 100

65 29.8 9.4 49.4

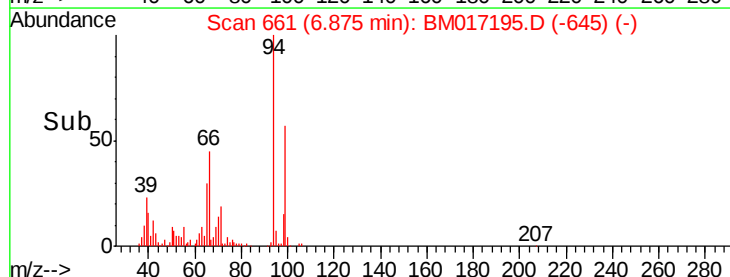
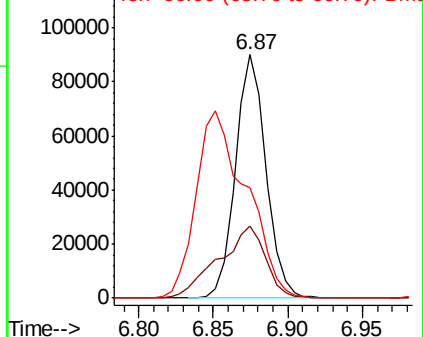
66 45.5 19.0 59.0

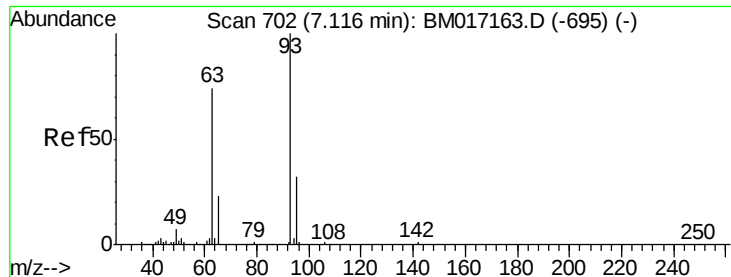


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

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

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

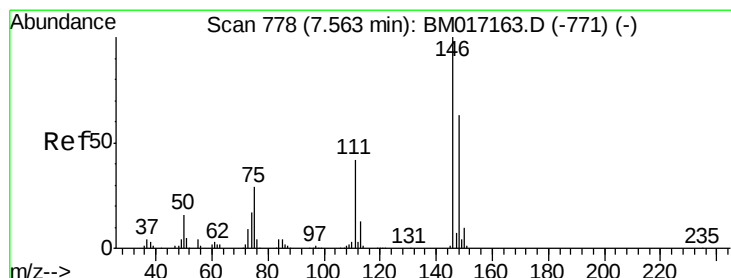
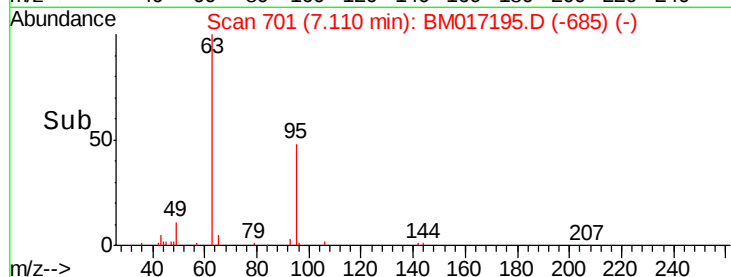
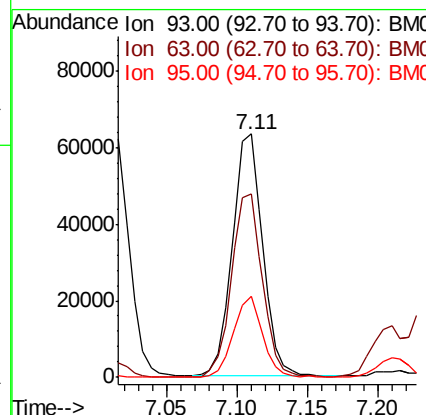
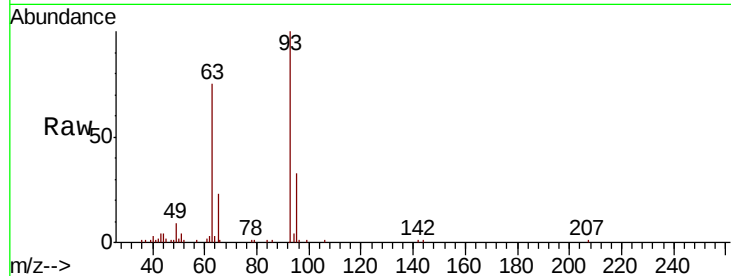




#11  
bis(2-Chloroethyl)ether  
Concen: 6.172 ng  
RT: 7.11 min Scan# 701  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

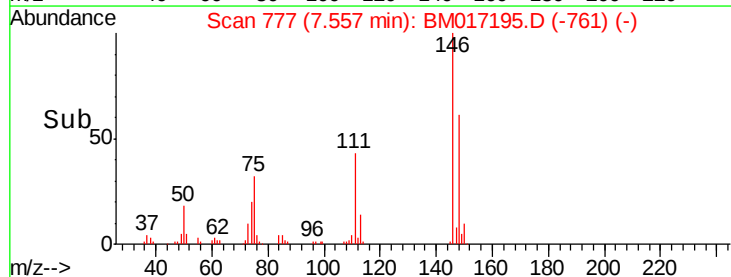
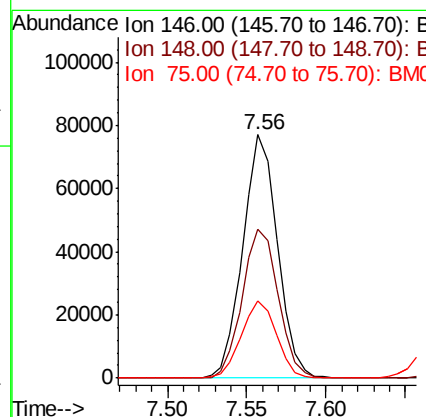
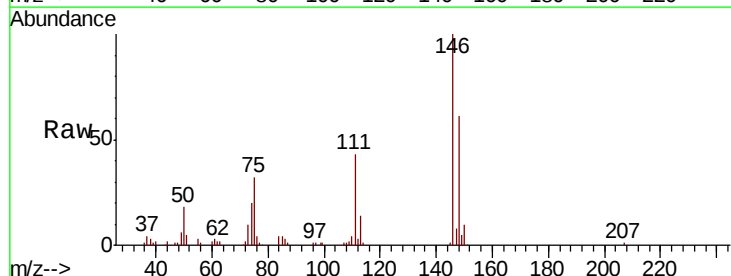
Instrument :  
BNA\_M  
ClientSampleId :

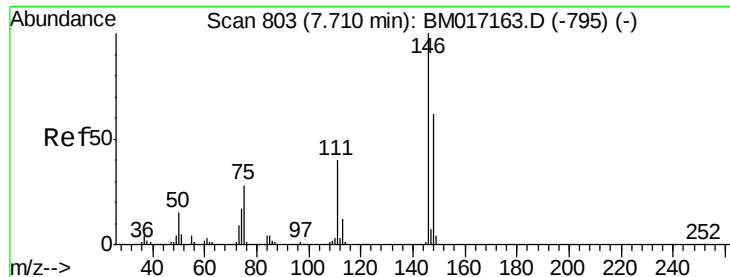
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.3  | 54.0  | 94.0  |
| 95      | 33.4  | 11.8  | 51.8  |



#12  
1,3-Dichlorobenzene  
Concen: 6.622 ng  
RT: 7.56 min Scan# 777  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.2  | 50.2  | 75.4  |
| 75      | 31.5  | 23.3  | 34.9  |

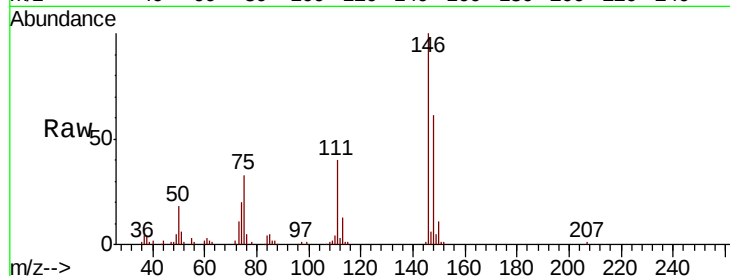




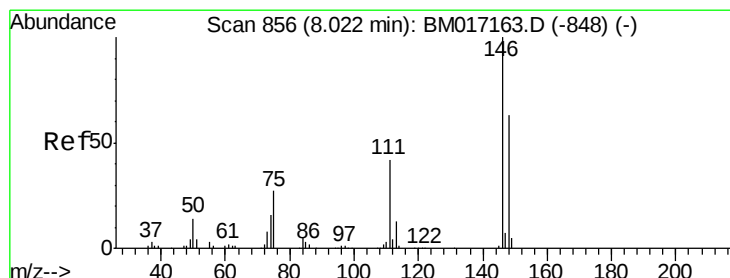
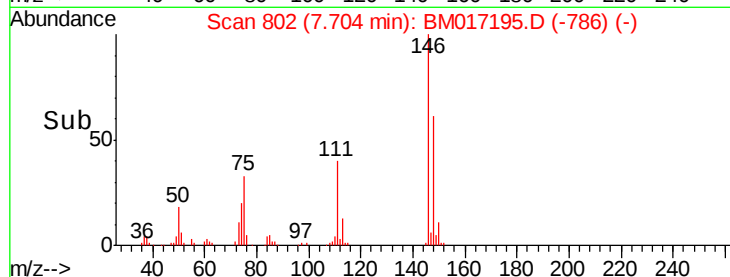
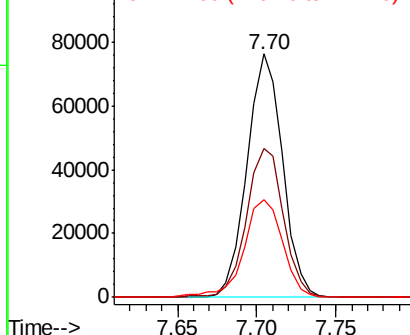
#13  
1,4-Dichlorobenzene  
Concen: 6.574 ng  
RT: 7.70 min Scan# 802  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:146 Resp: 118838  
Ion Ratio Lower Upper  
146 100  
148 61.0 49.8 74.6  
111 40.2 32.1 48.1

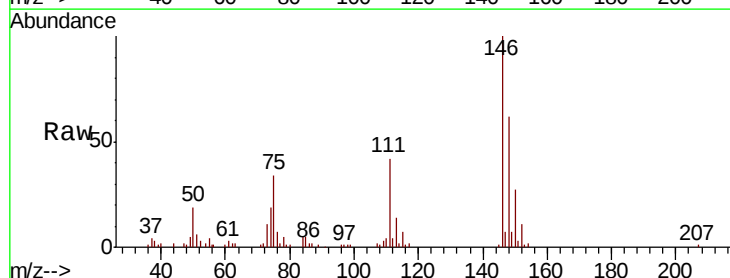


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

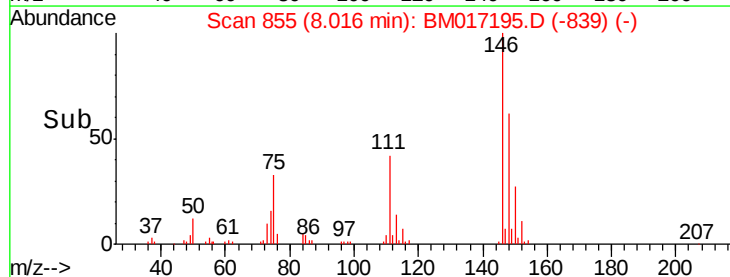
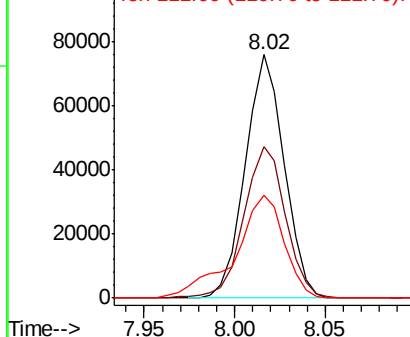


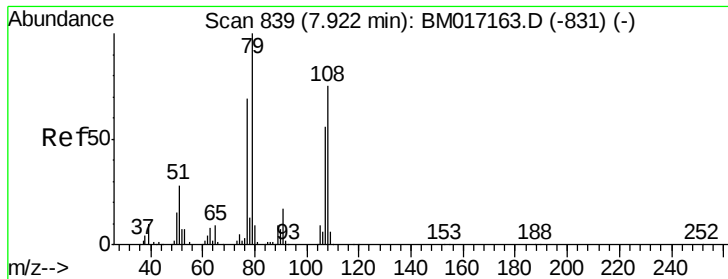
#14  
1,2-Dichlorobenzene  
Concen: 6.491 ng  
RT: 8.02 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Tgt Ion:146 Resp: 113048  
Ion Ratio Lower Upper  
146 100  
148 62.3 50.8 76.2  
111 42.3 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: 6.414 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017195.D

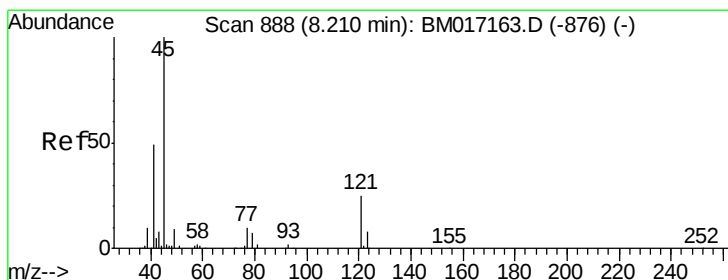
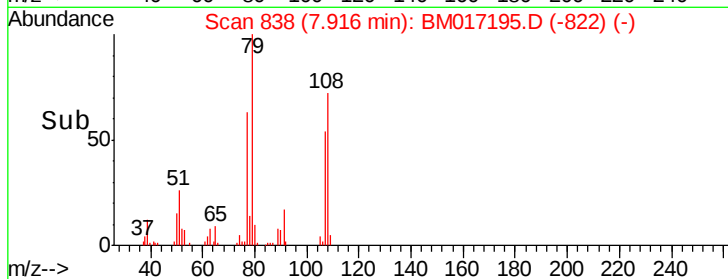
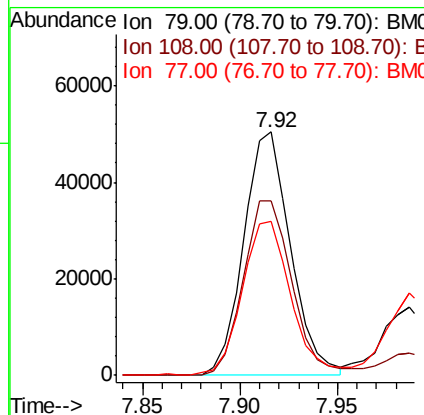
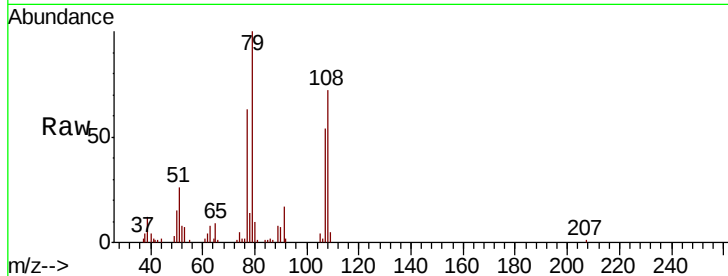
Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 83765 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 71.6  | 60.3  | 90.5  |
| 77       | 63.0  | 54.8  | 82.2  |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.183 ng

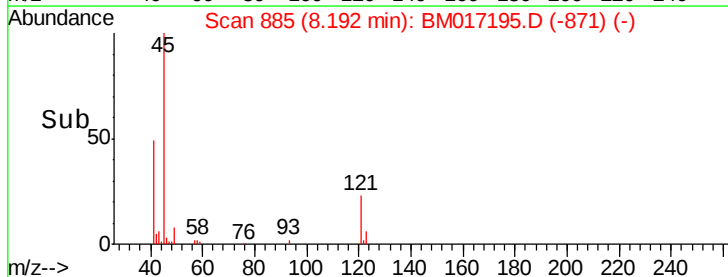
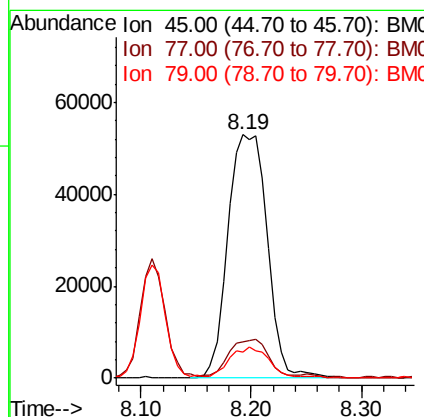
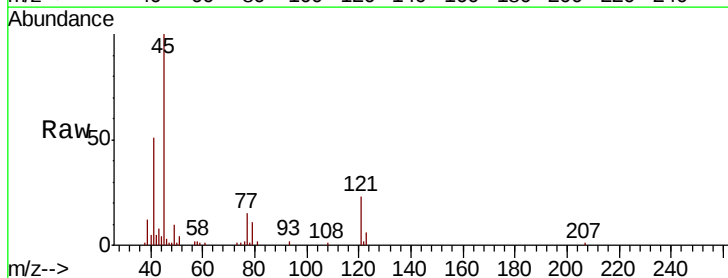
RT: 8.19 min Scan# 885

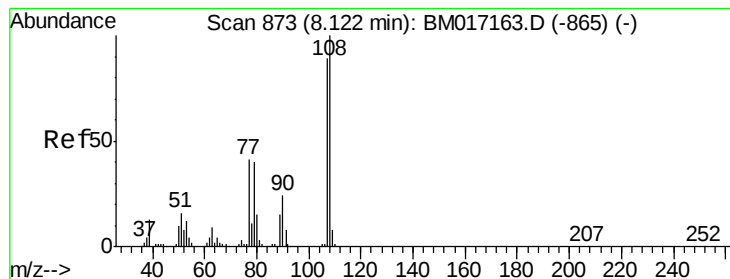
Delta R.T. -0.02 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 132429 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 14.7  | 0.0   | 35.5   |
| 79       | 10.9  | 0.0   | 32.1   |

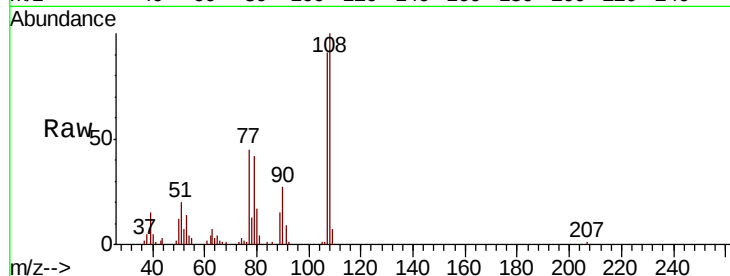




#17  
2-Methylphenol  
Concen: 6.667 ng  
RT: 8.11 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 82299 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 109.6 | 90.3  | 135.5 |
| 77       | 49.2  | 37.0  | 55.4  |
| 79       | 46.3  | 35.8  | 53.6  |



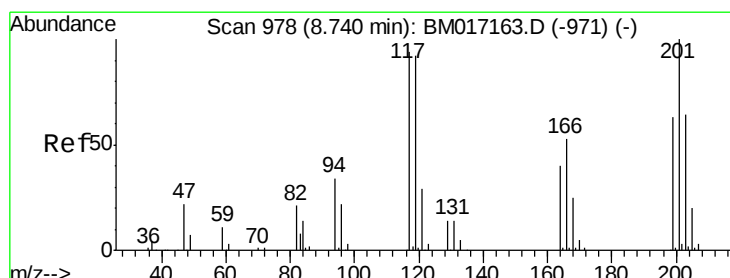
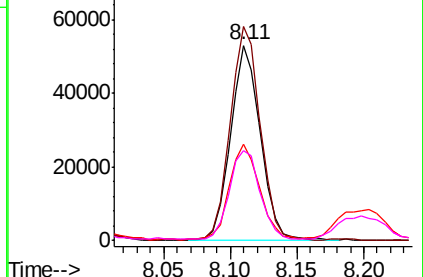
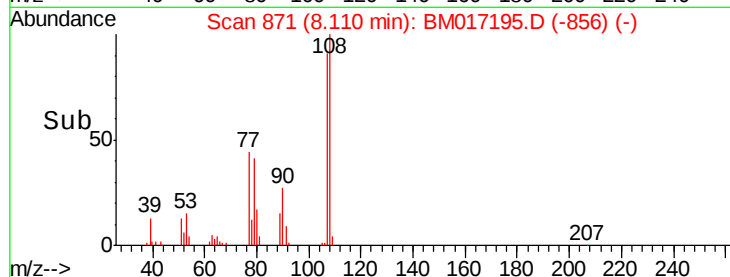
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

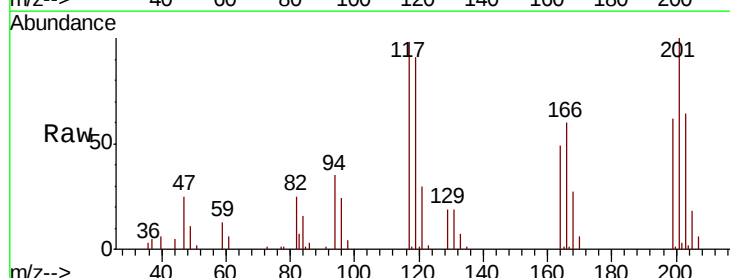
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18  
Hexachloroethane  
Concen: 6.576 ng  
RT: 8.73 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 40683 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.6  | 78.2  | 117.2 |
| 201      | 104.8 | 85.3  | 127.9 |

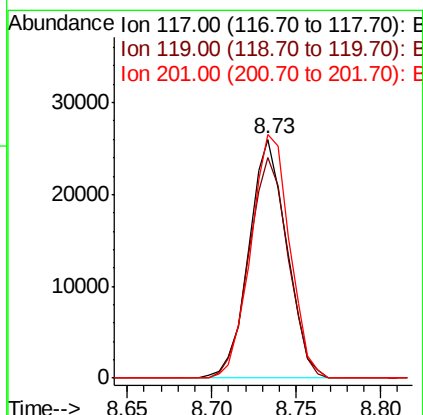
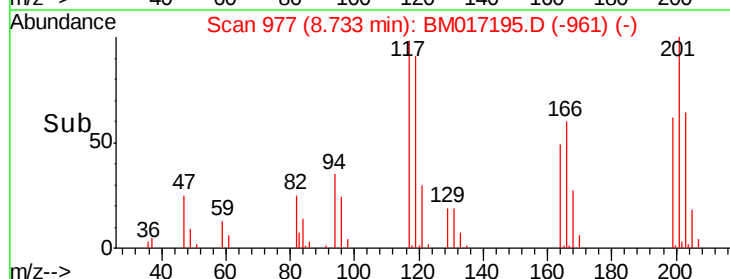


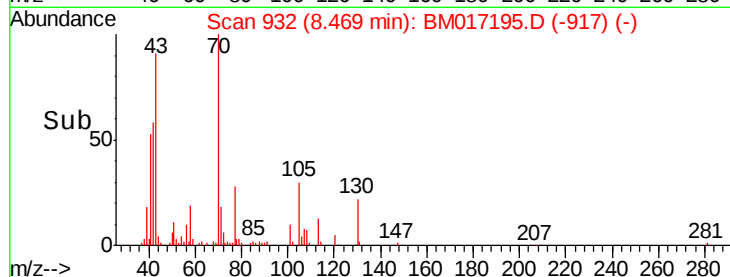
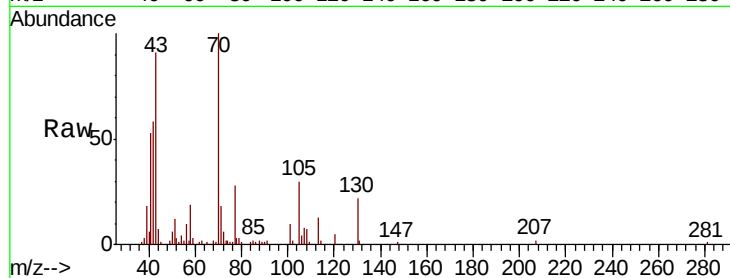
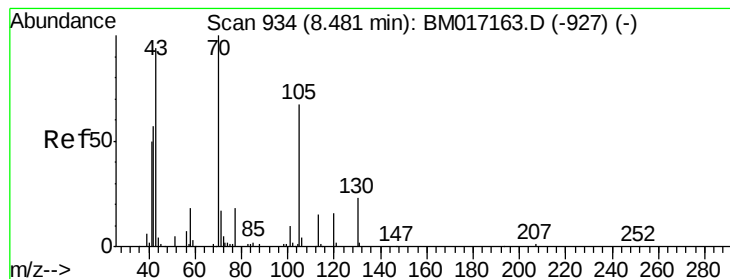
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 6.176 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 72669

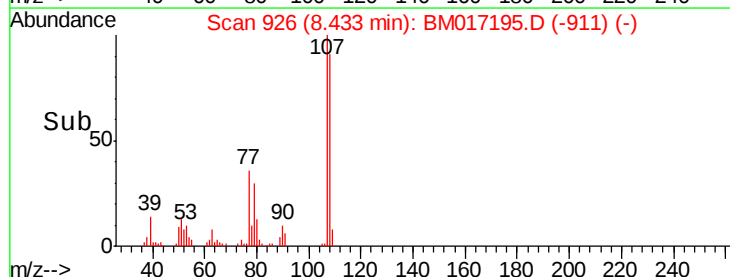
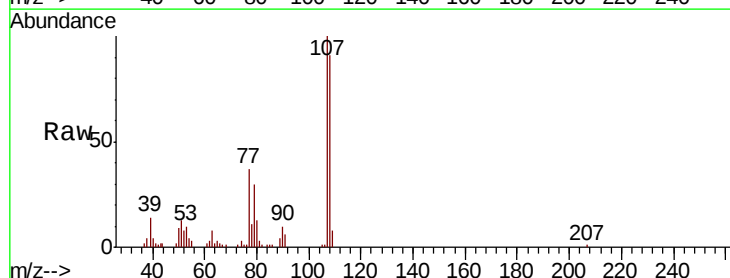
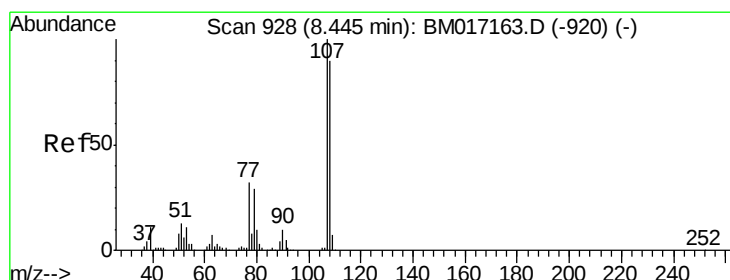
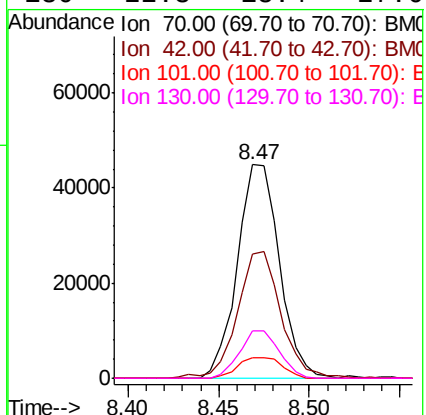
Ion Ratio Lower Upper

70 100

42 58.0 46.1 69.1

101 9.9 8.2 12.4

130 22.3 18.4 27.6



#20

3+4-Methylphenols

Concen: 6.462 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Tgt Ion: 107 Resp: 109091

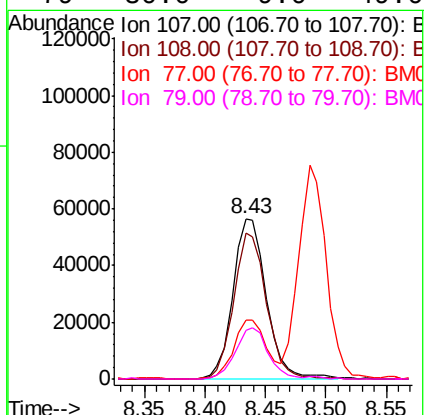
Ion Ratio Lower Upper

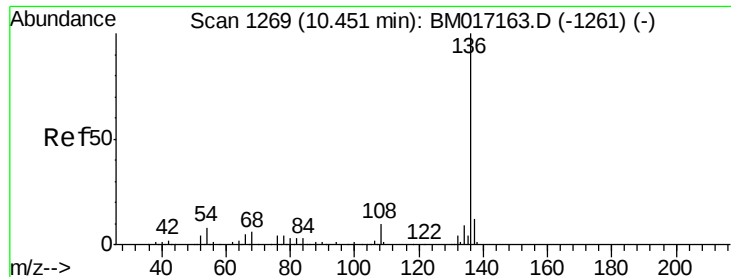
107 100

108 90.8 69.9 109.9

77 37.0 12.2 52.2

79 30.0 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: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 927543

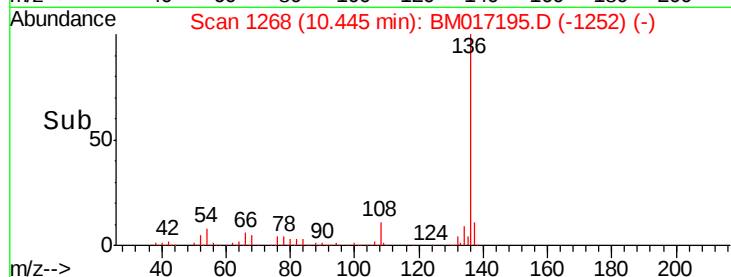
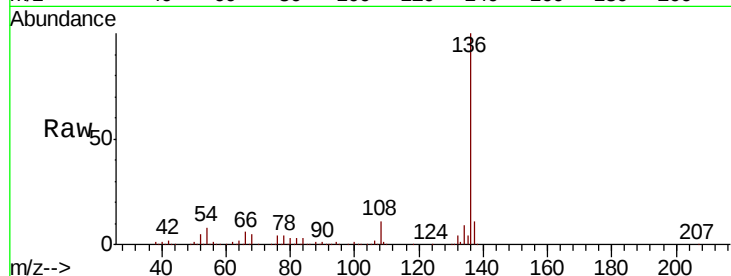
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.8 6.7 10.1

68 5.2 4.7 7.1

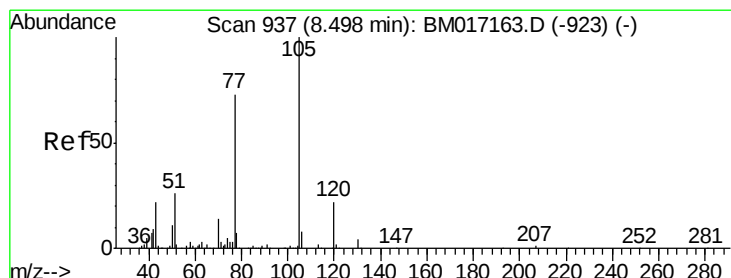
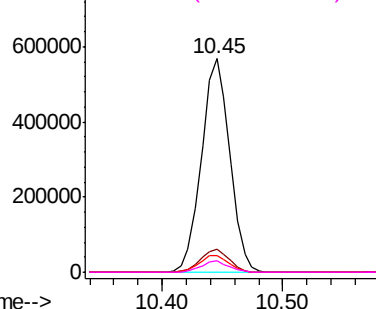


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.528 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Tgt Ion:105 Resp: 153496

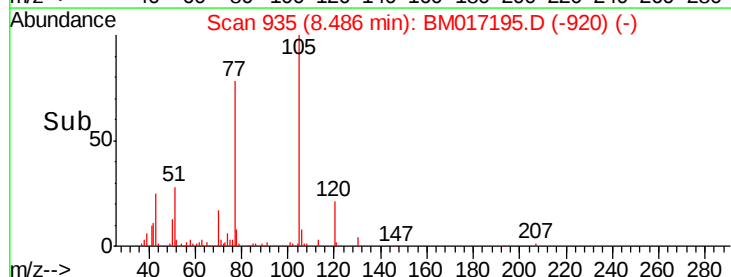
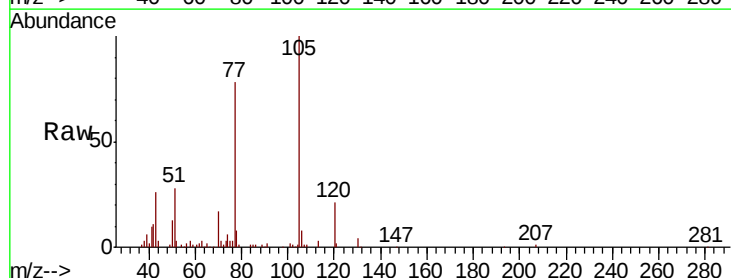
Ion Ratio Lower Upper

105 100

71 2.9 2.0 3.0

51 28.4 20.6 31.0

120 21.0 17.5 26.3

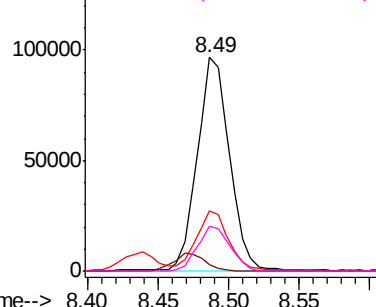


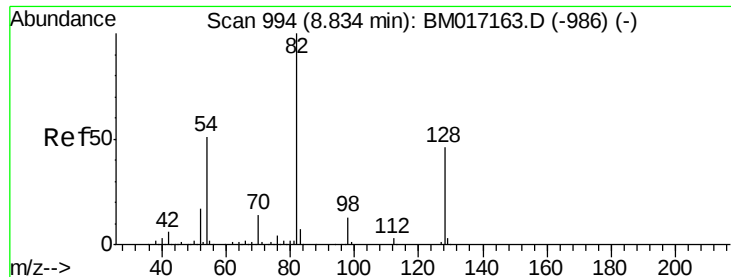
Abundance Ion 105.00 (104.70 to 105.70): E

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

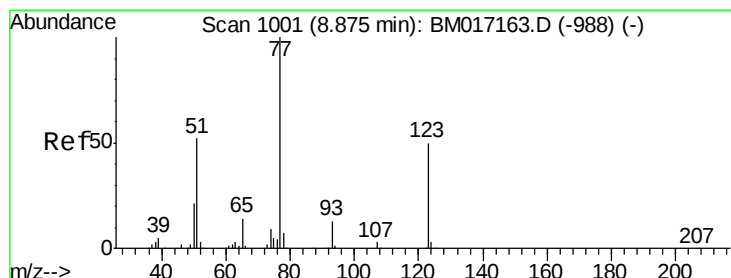
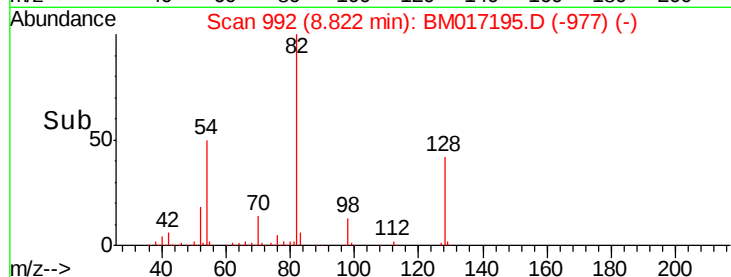
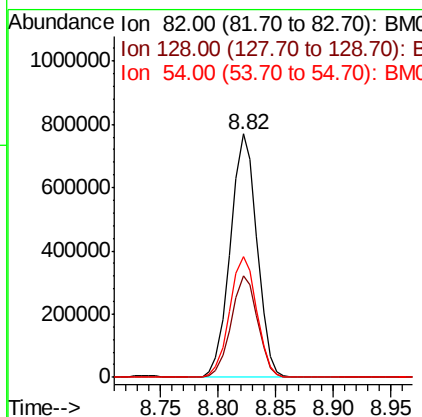
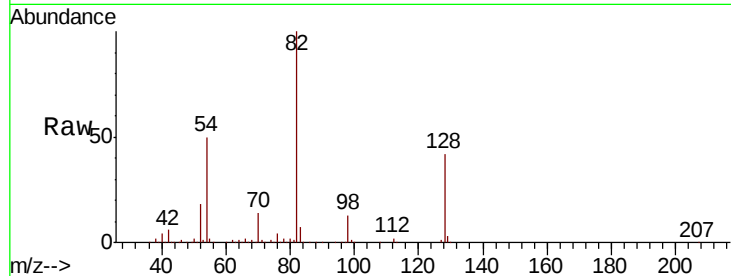




#23  
 Nitrobenzene-d5  
 Concen: 77.805 ng  
 RT: 8.82 min Scan# 992  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

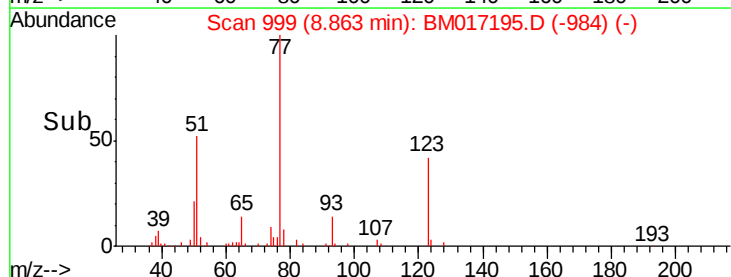
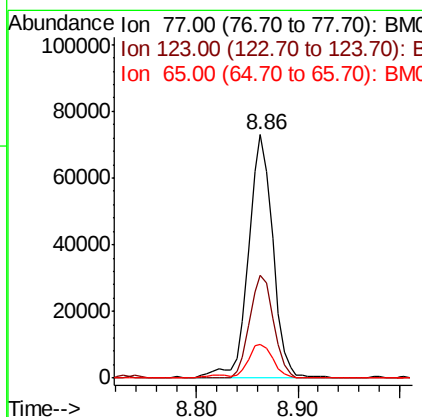
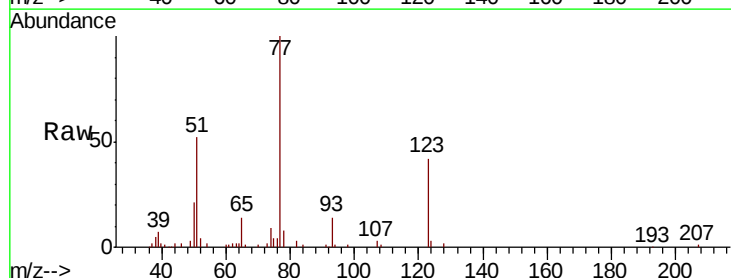
Instrument :  
 BNA\_M  
 ClientSampleId :

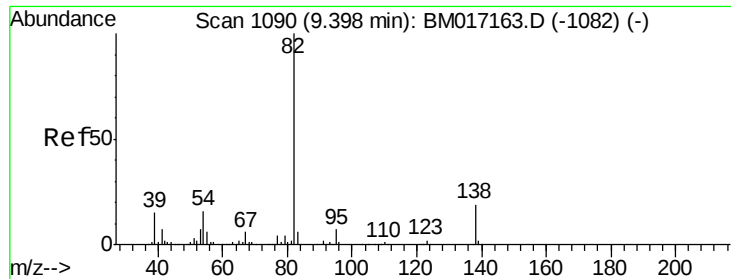
Tot Ion: 82 Resp: 1233928  
 Ion Ratio Lower Upper  
 82 100  
 128 41.8 37.0 55.6  
 54 49.5 40.7 61.1



#24  
 Nitrobenzene  
 Concen: 7.264 ng  
 RT: 8.86 min Scan# 999  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

Tgt Ion: 77 Resp: 121860  
 Ion Ratio Lower Upper  
 77 100  
 123 42.0 40.2 60.4  
 65 13.6 11.4 17.0

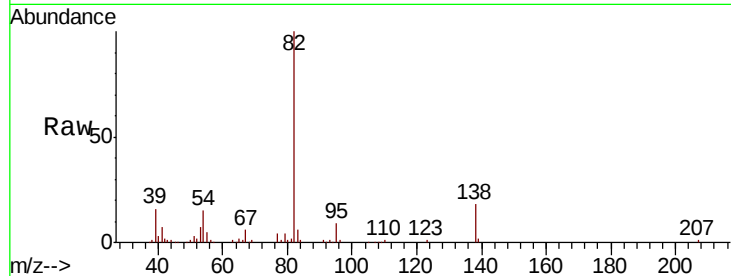




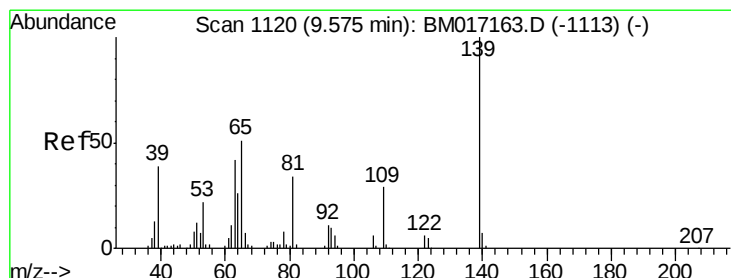
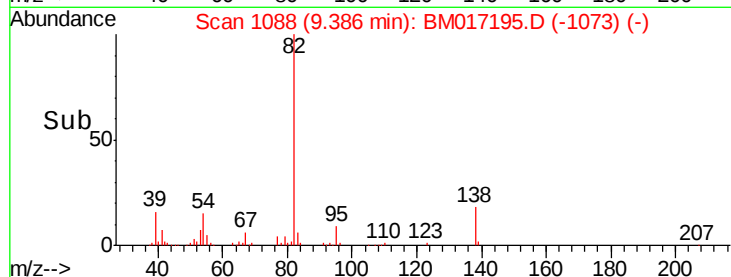
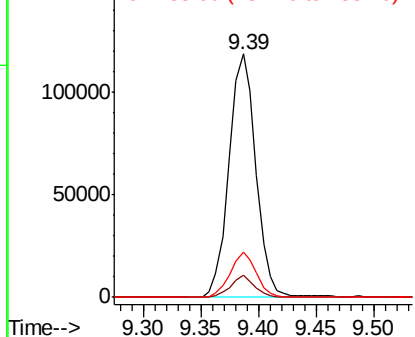
#25  
Isophorone  
Concen: 7.326 ng  
RT: 9.39 min Scan# 1088  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 82 Resp: 191868  
Ion Ratio Lower Upper  
82 100  
95 9.1 6.0 9.0#  
138 18.4 15.4 23.2

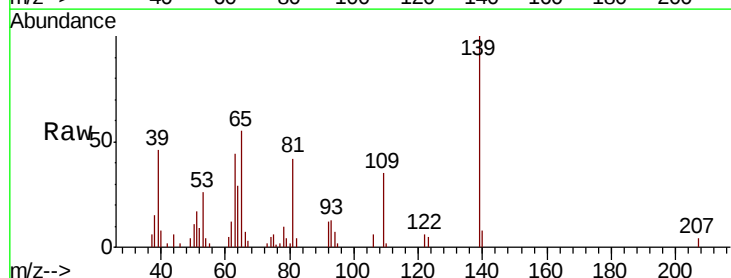


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)  
Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)  
Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)

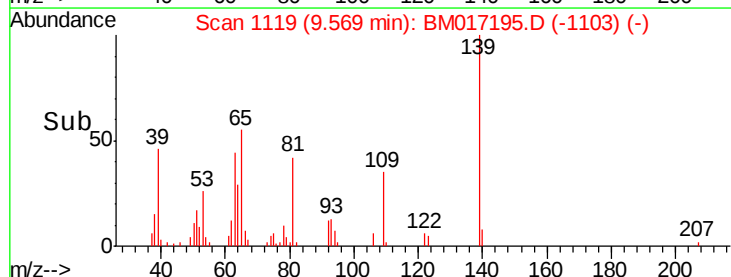
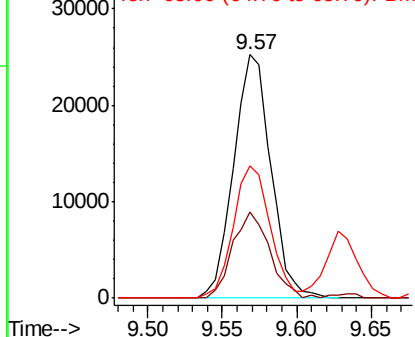


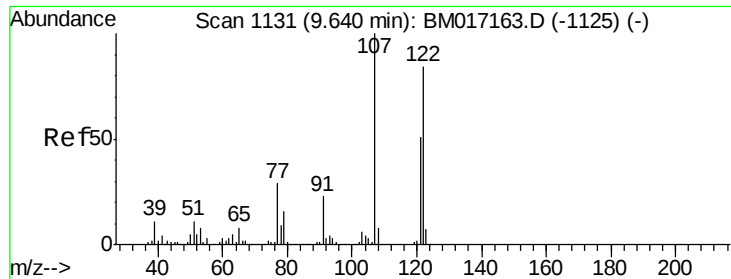
#26  
2-Nitrophenol  
Concen: 10.606 ng  
RT: 9.57 min Scan# 1119  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Tgt Ion: 139 Resp: 43685  
Ion Ratio Lower Upper  
139 100  
109 35.3 23.2 34.8#  
65 54.5 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) (-)

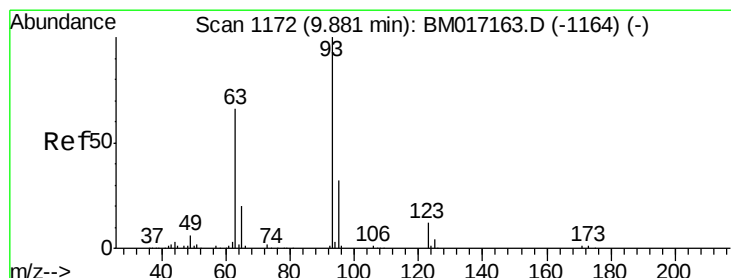
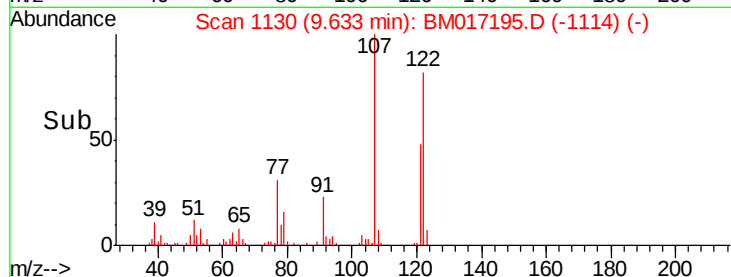
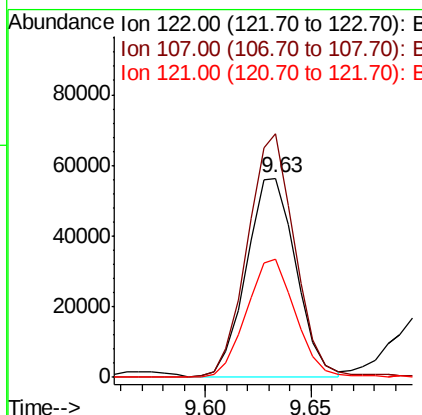
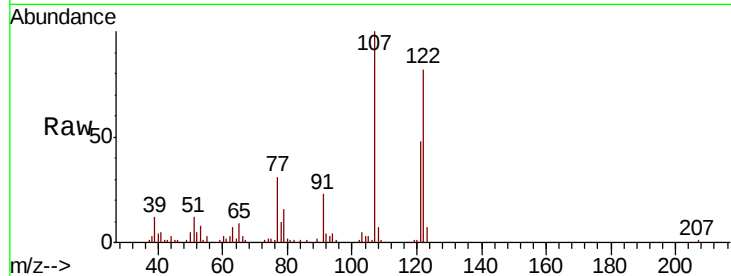




#27  
 2,4-Dimethylphenol  
 Concen: 7.972 ng  
 RT: 9.63 min Scan# 1130  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

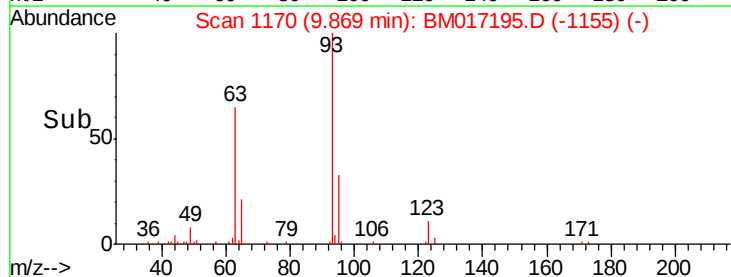
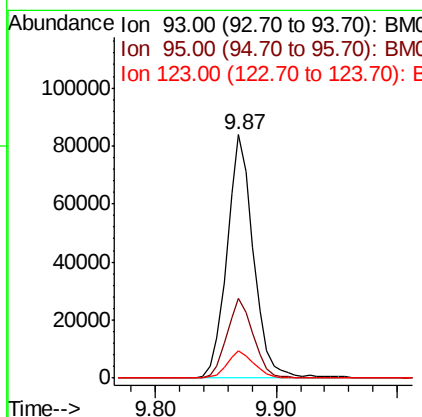
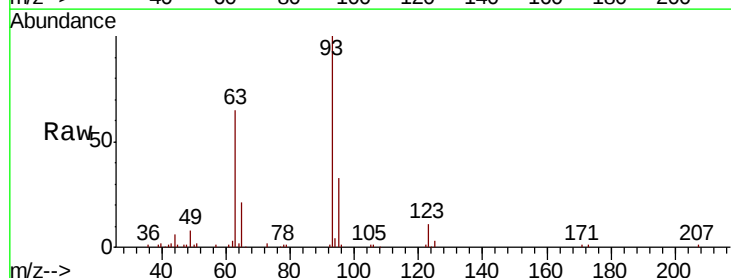
Instrument :  
 BNA\_M  
 ClientSampleId :

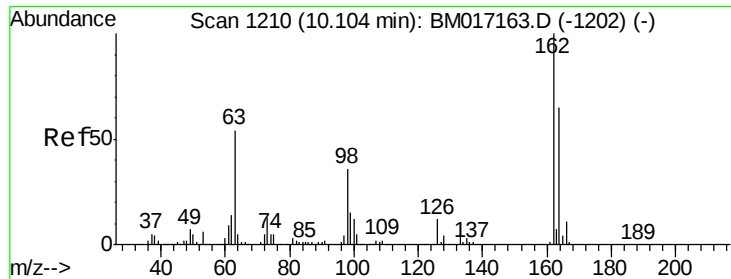
Tot Ion:122 Resp: 92314  
 Ion Ratio Lower Upper  
 122 100  
 107 122.1 95.0 142.6  
 121 59.1 48.2 72.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 6.904 ng  
 RT: 9.87 min Scan# 1170  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

Tgt Ion: 93 Resp: 127262  
 Ion Ratio Lower Upper  
 93 100  
 95 32.6 25.7 38.5  
 123 11.1 9.4 14.0

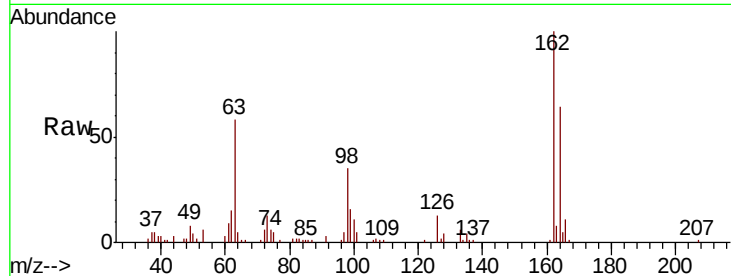




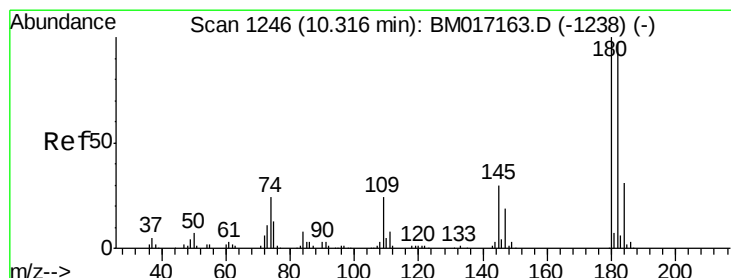
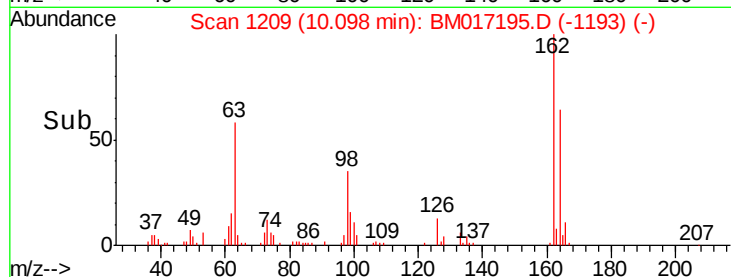
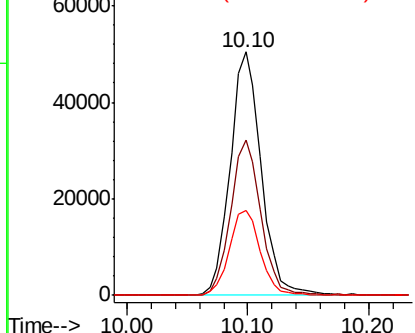
#29  
2,4-Dichlorophenol  
Concen: 6.704 ng  
RT: 10.10 min Scan# 1209  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.6  | 44.9  | 84.9  |
| 98      | 35.0  | 15.8  | 55.8  |

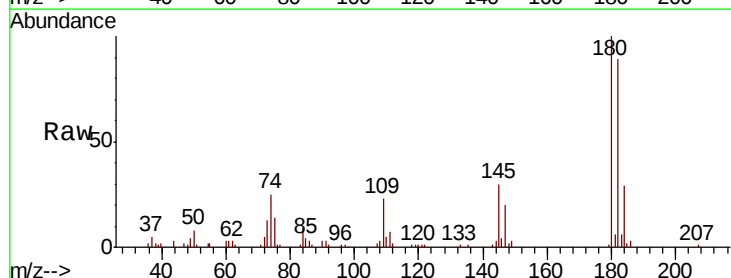


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BM

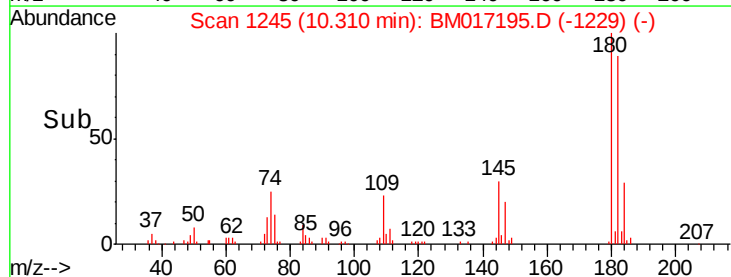
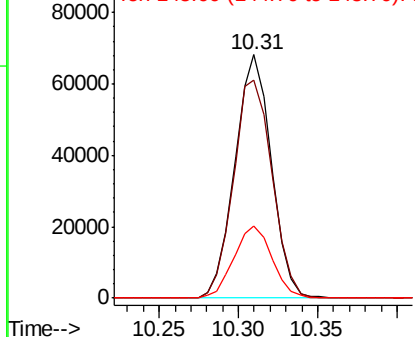


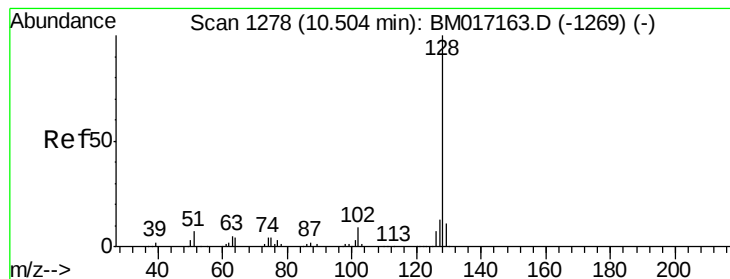
#30  
1,2,4-Trichlorobenzene  
Concen: 6.738 ng  
RT: 10.31 min Scan# 1245  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 89.5  | 77.5  | 116.3 |
| 145     | 29.7  | 24.0  | 36.0  |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

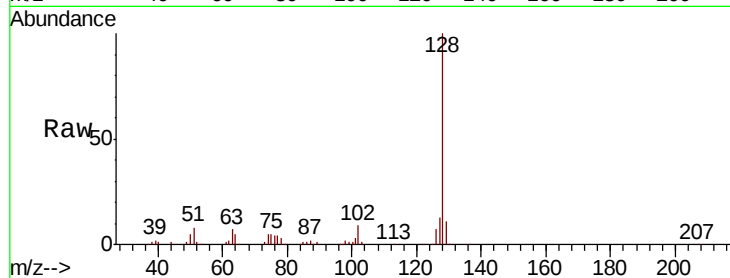




#31  
Naphthalene  
Concen: 7.150 ng  
RT: 10.49 min Scan# 1276  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.6  | 8.5   | 12.7  |
| 127     | 12.6  | 10.3  | 15.5  |

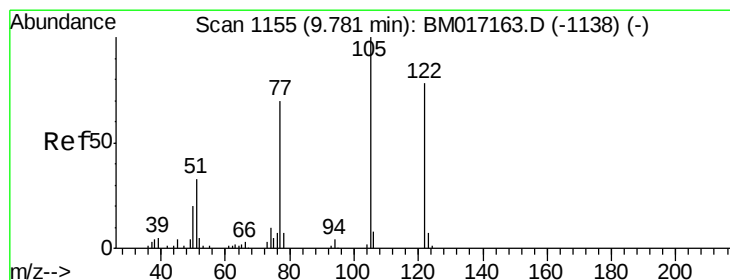
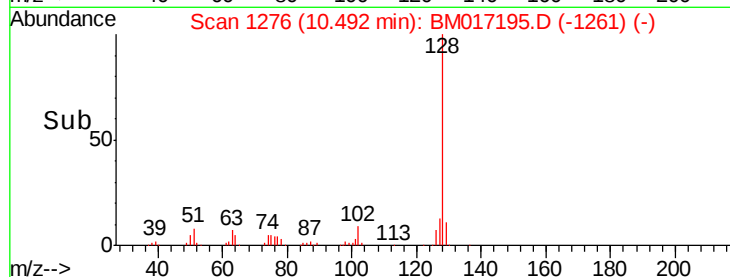
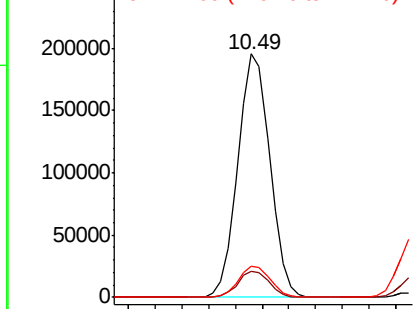


Abundance

Ion 128.00 (127.70 to 128.70): E

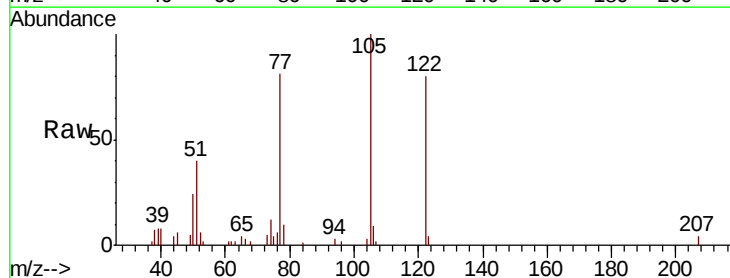
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 3.882 ng  
RT: 9.70 min Scan# 1142  
Delta R.T. -0.08 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 124.5 | 102.0 | 142.0 |
| 77      | 100.8 | 67.7  | 107.7 |

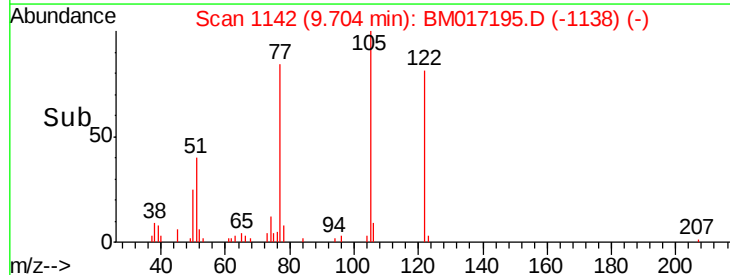
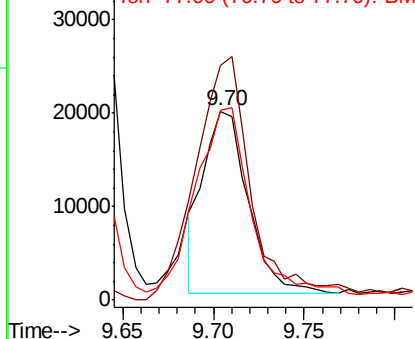


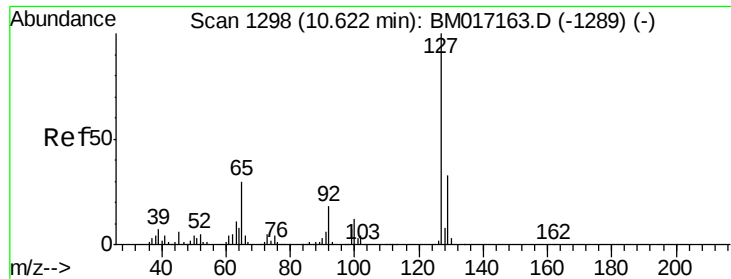
Abundance

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

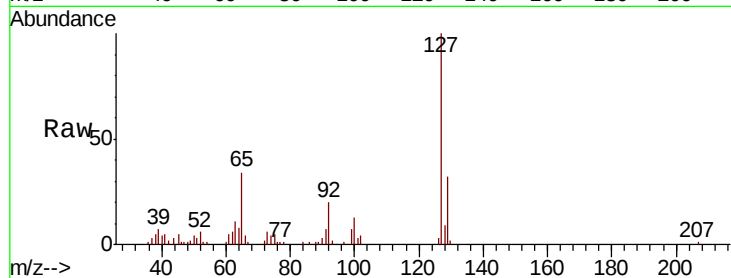




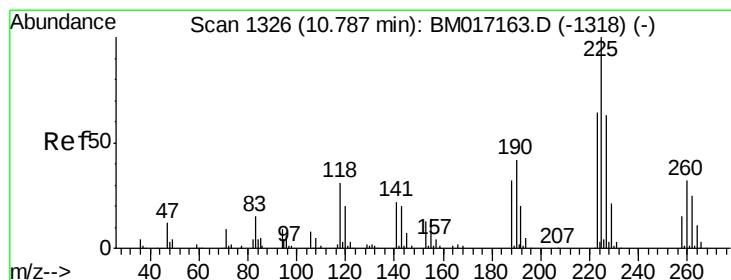
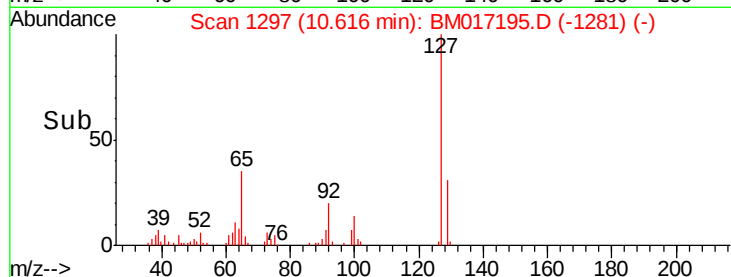
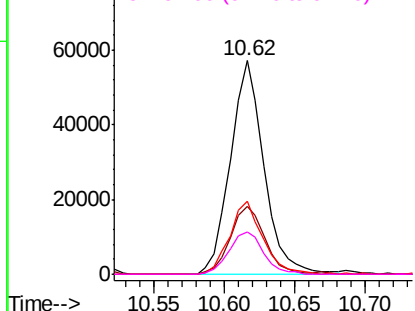
#33  
4-Chloroaniline  
Concen: 4.826 ng  
RT: 10.62 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 94743 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.9  | 26.2  | 39.4  |
| 65       | 34.1  | 23.7  | 35.5  |
| 92       | 19.6  | 14.3  | 21.5  |

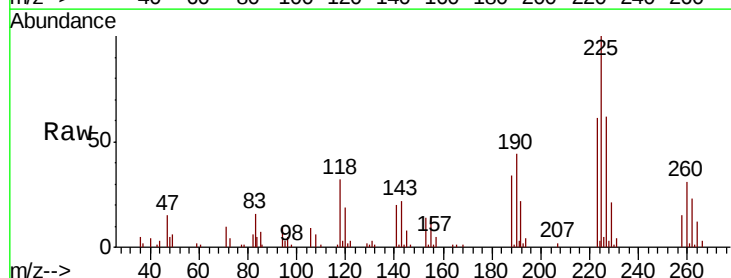


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

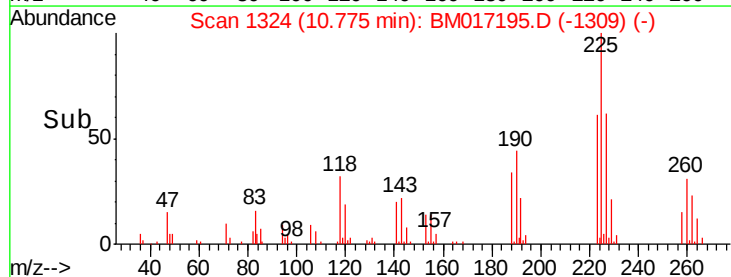
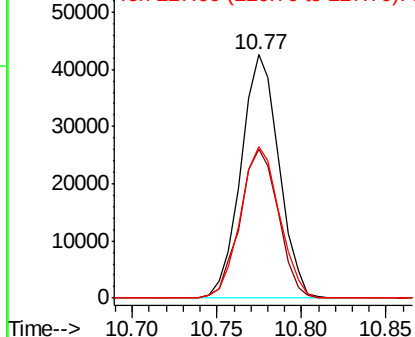


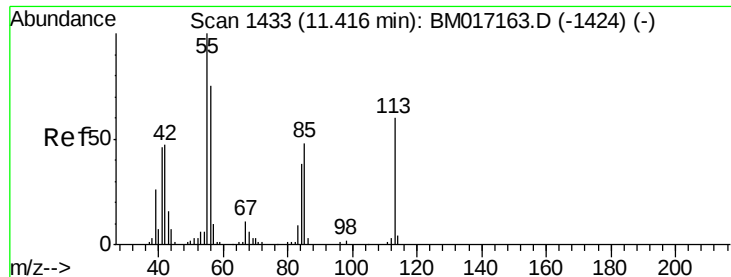
#34  
Hexachlorobutadiene  
Concen: 6.524 ng  
RT: 10.77 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 66677 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.1  | 51.0  | 76.6  |
| 227      | 62.1  | 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: 4.880 ng

RT: 11.39 min Scan# 1428

Delta R.T. -0.03 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampled :

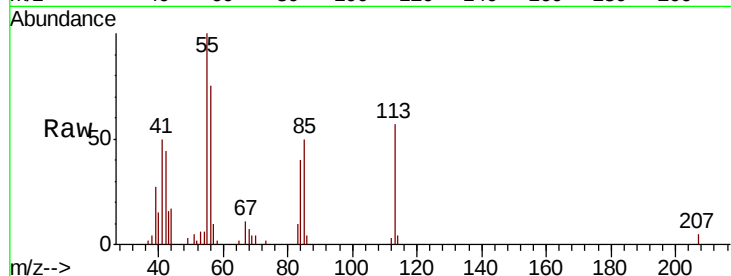
Tot Ion:113 Resp: 23912

Ion Ratio Lower Upper

113 100

55 175.8 147.0 187.0

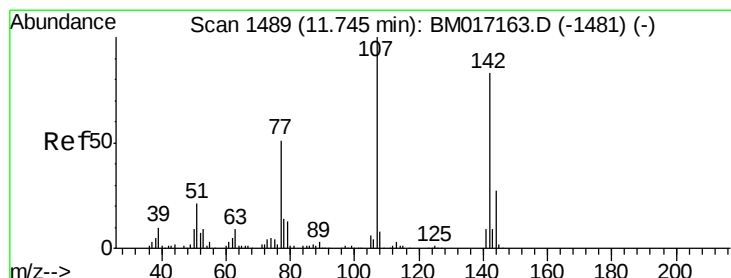
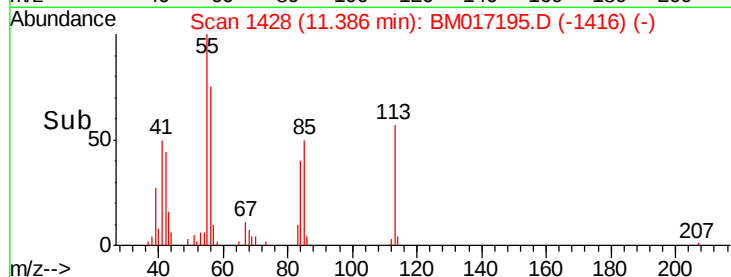
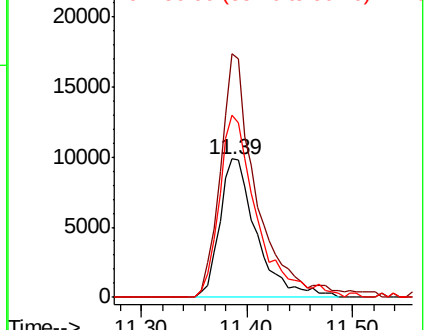
56 131.4 104.5 144.5



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: 6.512 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

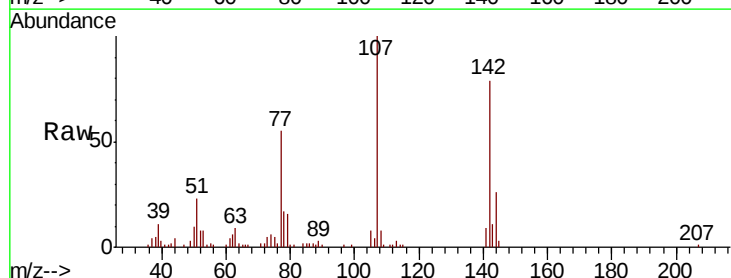
Tgt Ion:107 Resp: 98688

Ion Ratio Lower Upper

107 100

144 26.0 21.6 32.4

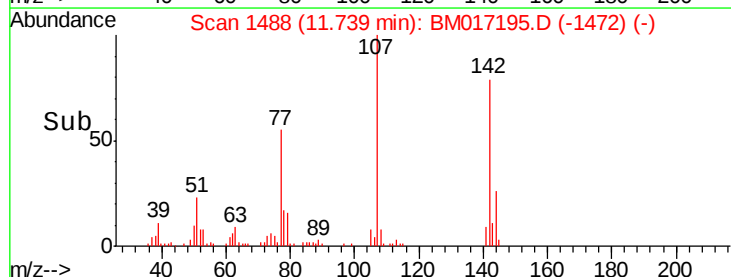
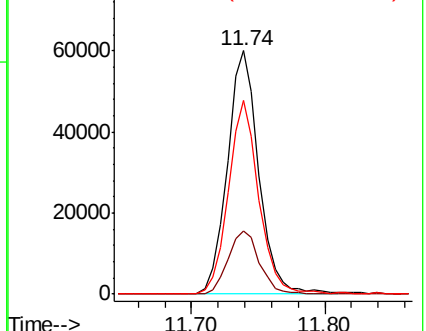
142 79.3 66.0 99.0

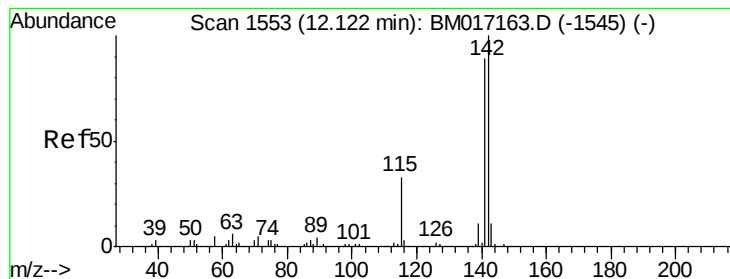


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 7.540 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM017195.D

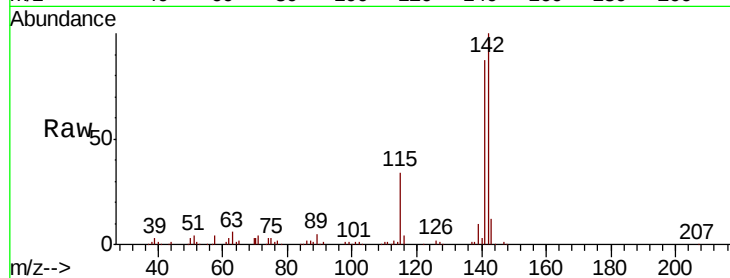
Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tot Ion:142 | Resp: | 234547     |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 87.4  | 70.9 106.3 |
| 115         | 34.5  | 26.4 39.6  |

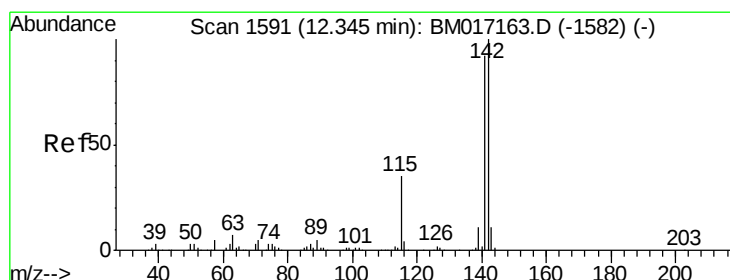
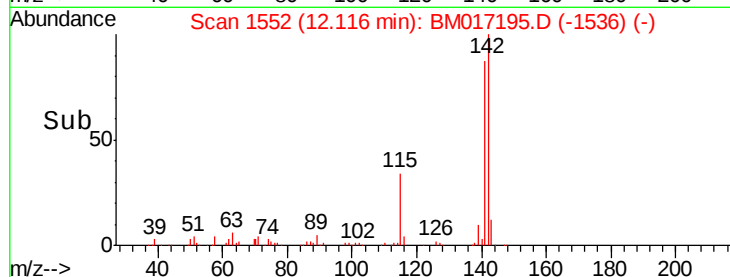
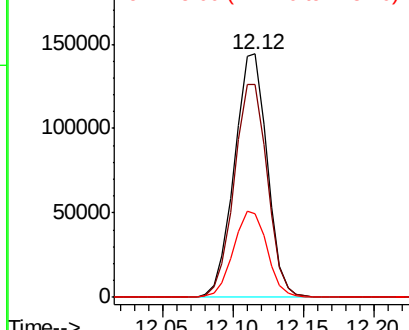


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 7.420 ng

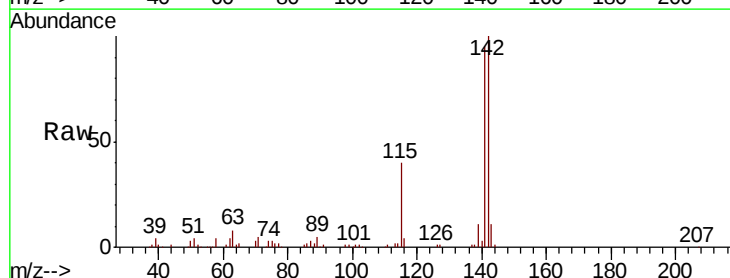
RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 224622     |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 95.2  | 73.8 110.6 |
| 116         | 3.9   | 2.9 4.3    |

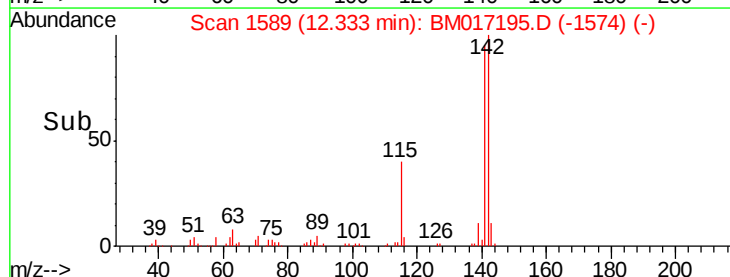
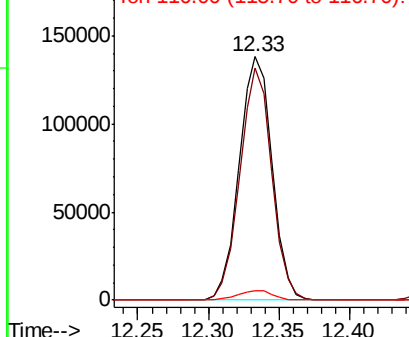


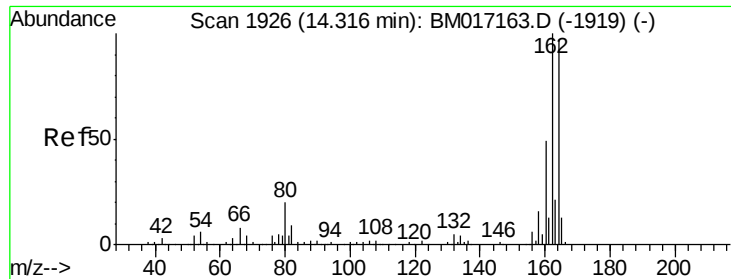
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampleId :

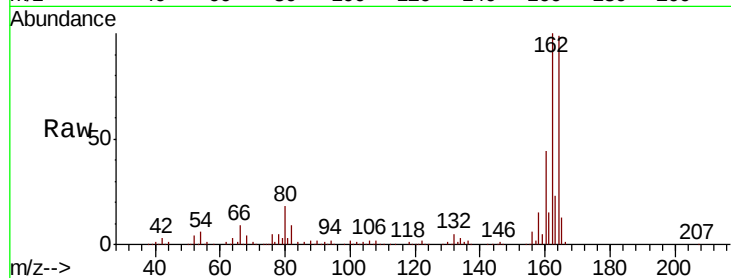
Tot Ion:164 Resp: 548439

Ion Ratio Lower Upper

164 100

162 101.1 82.1 123.1

160 44.5 40.2 60.2

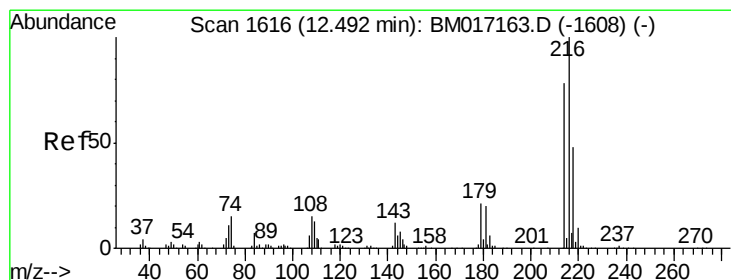
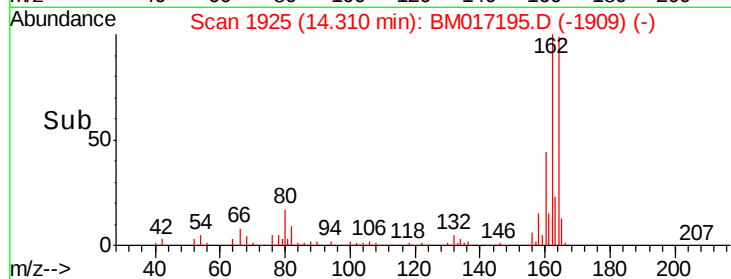
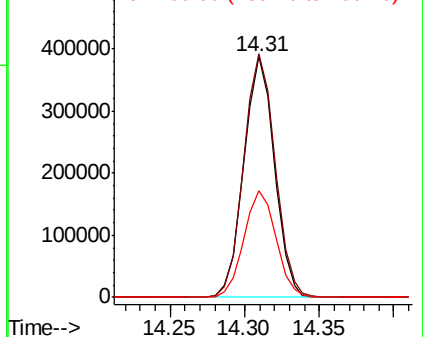


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.335 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Tgt Ion:216 Resp: 122353

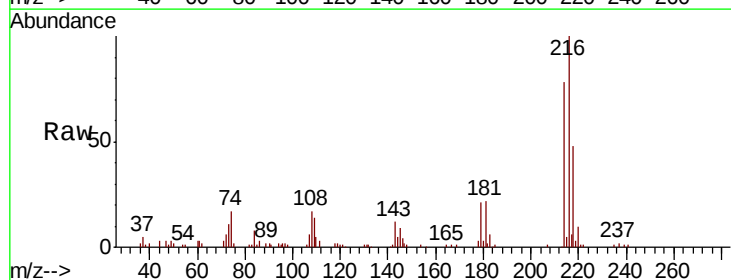
Ion Ratio Lower Upper

216 100

214 77.2 62.6 93.8

179 20.4 16.6 24.8

108 18.4 13.5 20.3



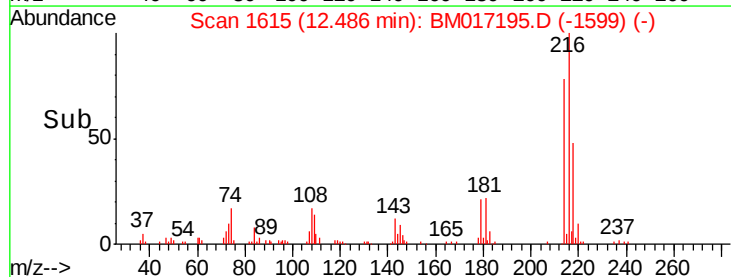
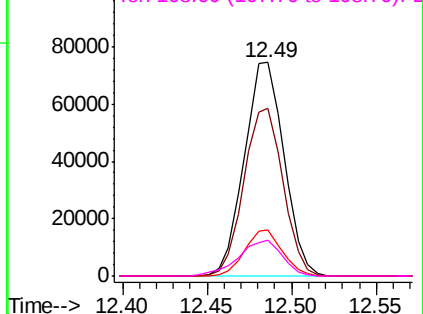
Abundance

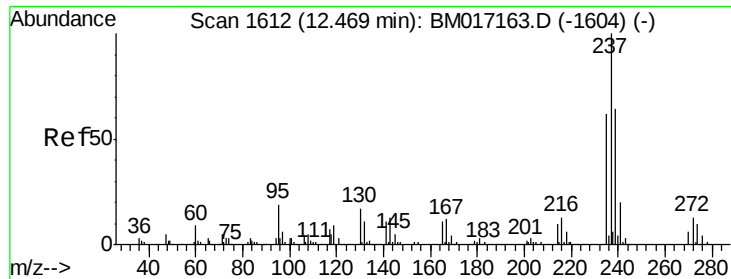
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.942 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampleId :

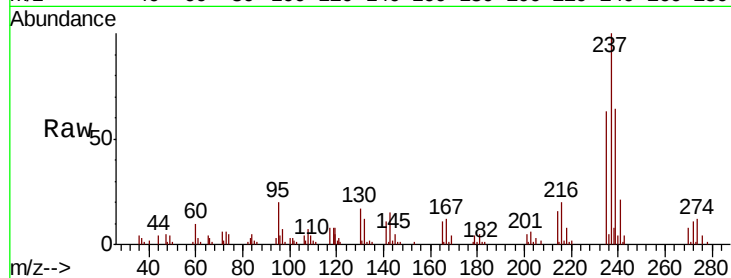
Tot Ion:237 Resp: 74159

Ion Ratio Lower Upper

237 100

235 62.9 42.4 82.4

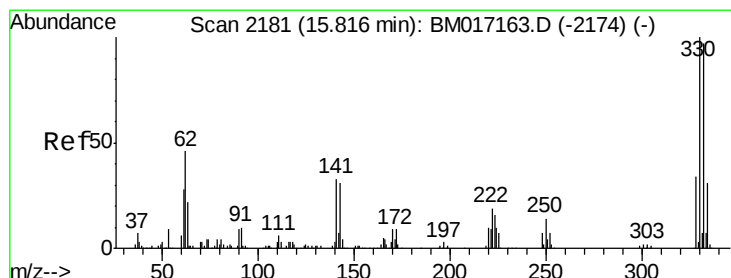
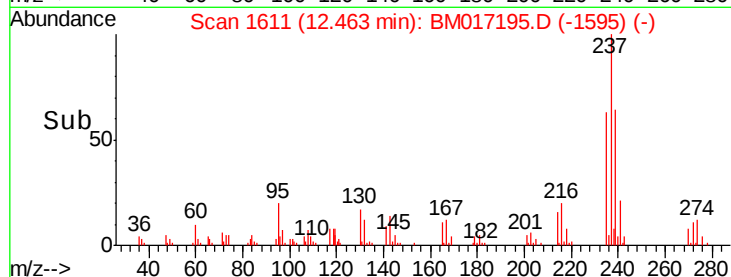
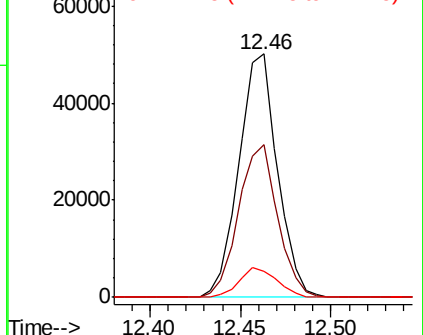
272 11.0 0.0 33.0



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: 125.102 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

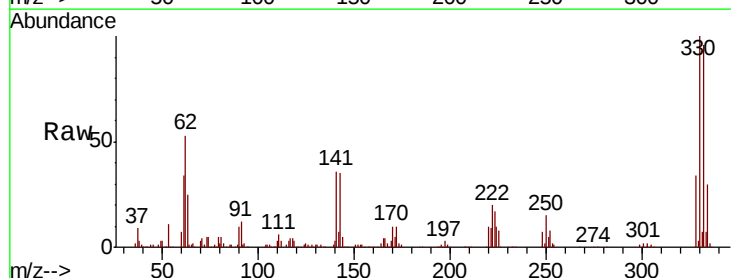
Tgt Ion:330 Resp: 927857

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

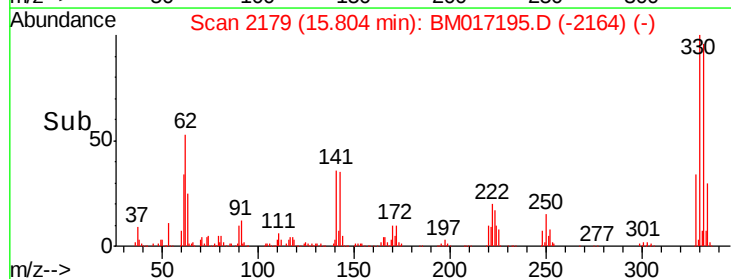
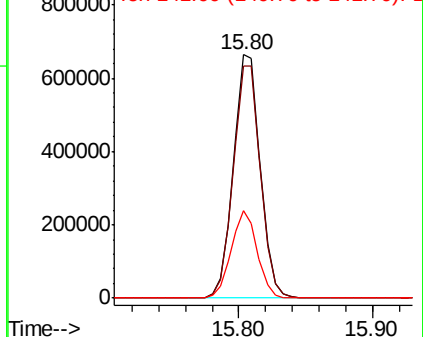
141 35.2 27.4 41.0

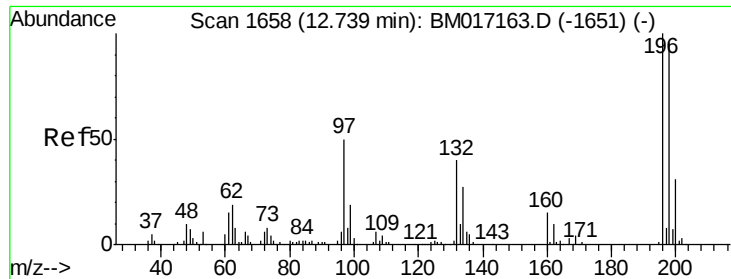


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

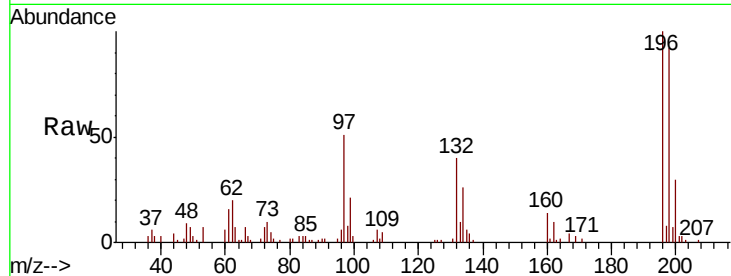




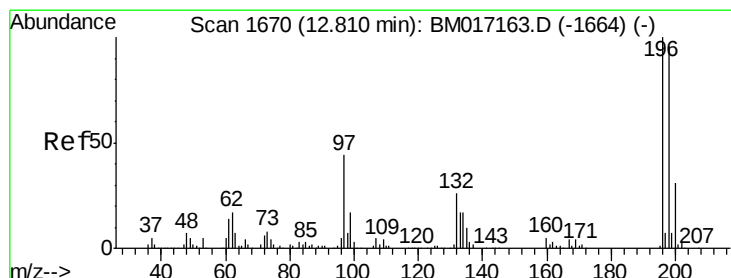
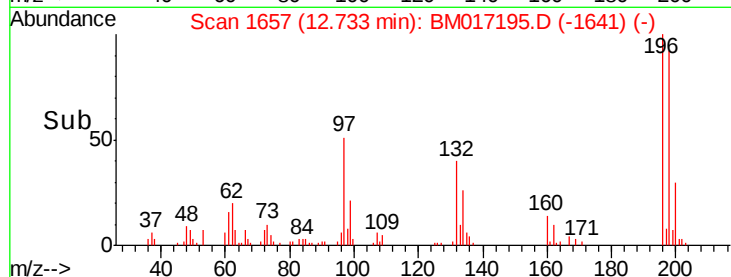
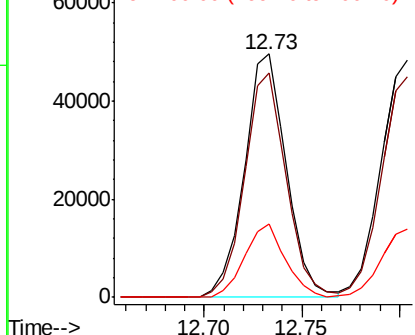
#43  
 2,4,6-Trichlorophenol  
 Concen: 6.584 ng  
 RT: 12.73 min Scan# 1657  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:196 Resp: 73815  
 Ion Ratio Lower Upper  
 196 100  
 198 92.3 77.1 115.7  
 200 30.4 25.0 37.4

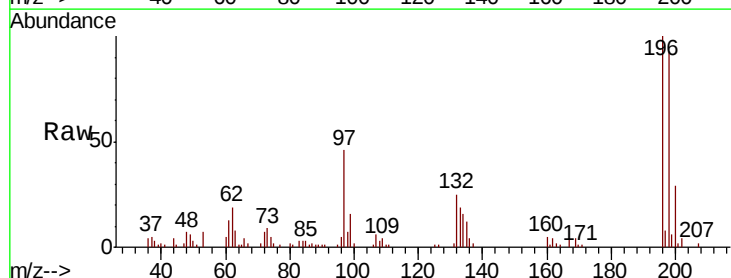


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

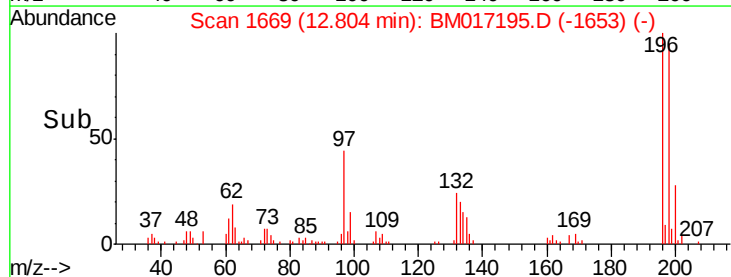
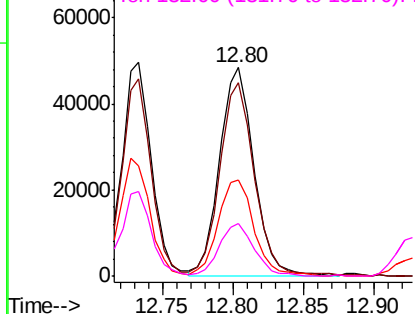


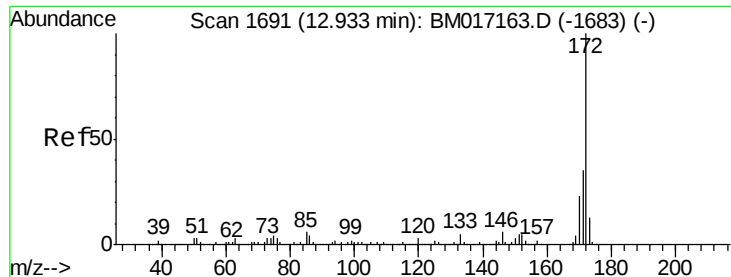
#44  
 2,4,5-Trichlorophenol  
 Concen: 6.854 ng  
 RT: 12.80 min Scan# 1669  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

Tgt Ion:196 Resp: 82400  
 Ion Ratio Lower Upper  
 196 100  
 198 93.0 76.6 115.0  
 97 46.4 35.5 53.3  
 132 25.1 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

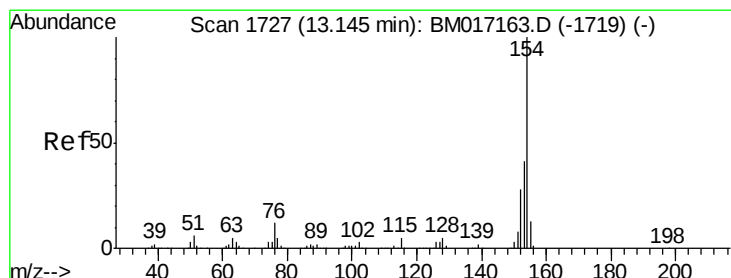
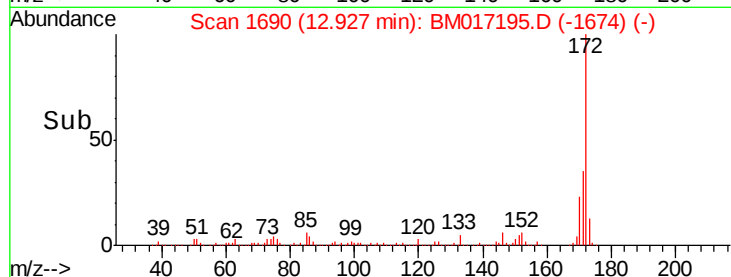
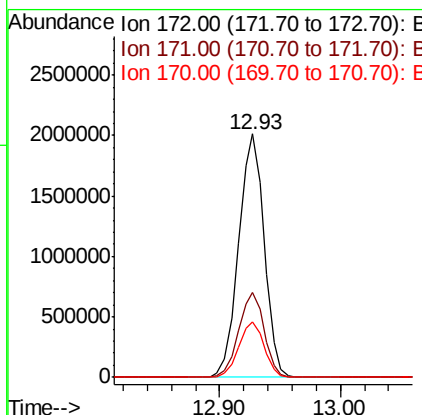
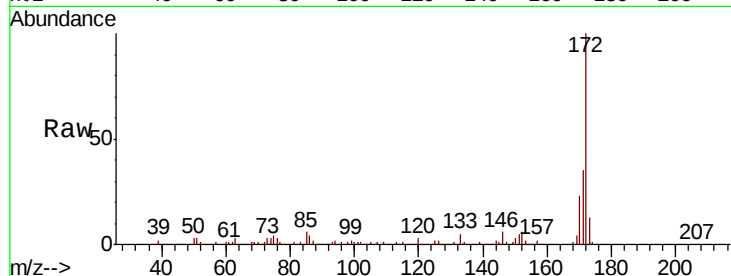




#45  
2-Fluorobiphenyl  
Concen: 71.815 ng  
RT: 12.93 min Scan# 1690  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

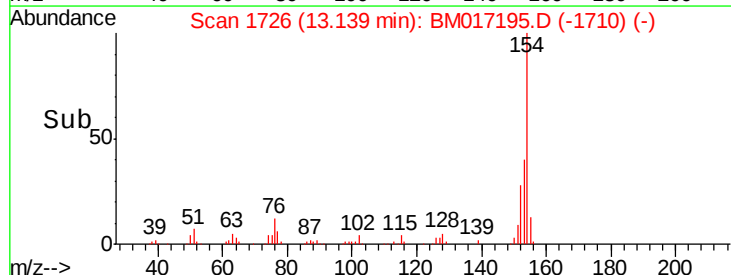
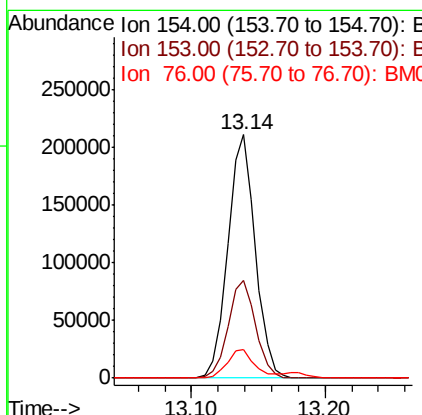
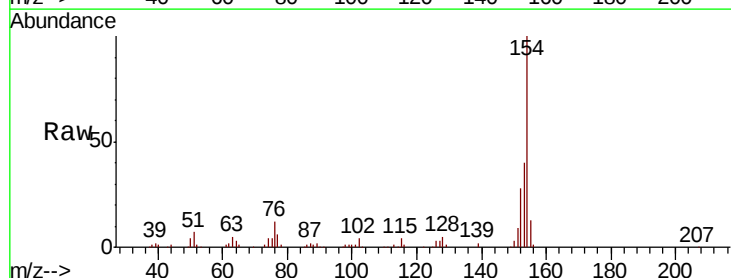
Instrument :  
BNA\_M  
ClientSampleId :

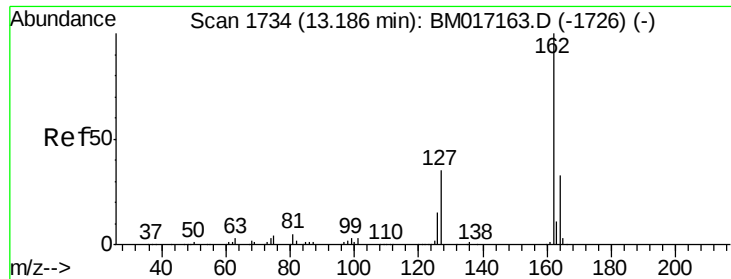
Tot Ion:172 Resp: 2960159  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.3 42.5  
170 22.8 18.3 27.5



#46  
1,1'-Biphenyl  
Concen: 6.130 ng  
RT: 13.14 min Scan# 1726  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Tgt Ion:154 Resp: 302548  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.5 60.5  
76 11.8 0.0 31.8

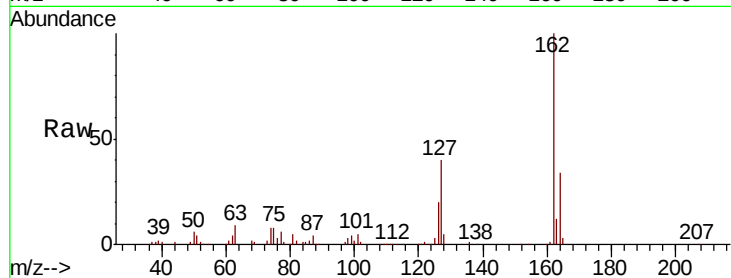




#47  
 2-Chloronaphthalene  
 Concen: 6.467 ng  
 RT: 13.17 min Scan# 1732  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.0  | 31.0  | 46.4  |
| 164     | 34.3  | 26.6  | 39.8  |

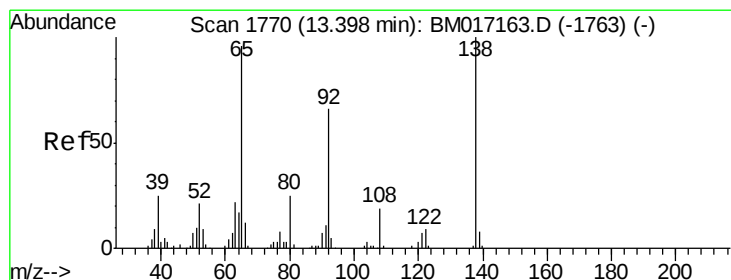
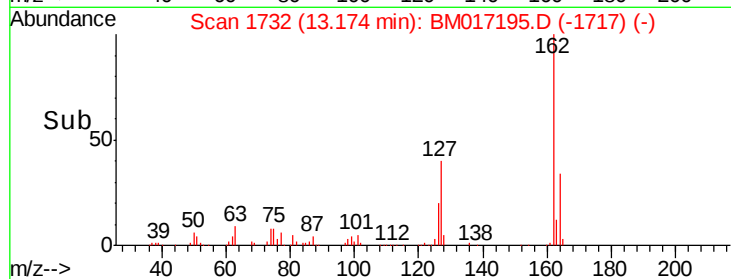
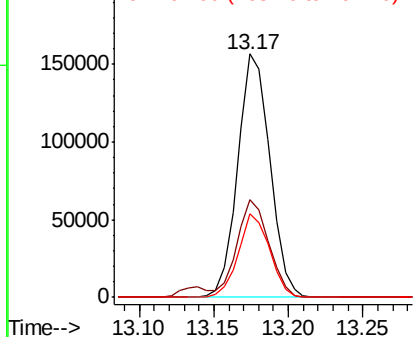


Abundance

Ion 162.00 (161.70 to 162.70): E

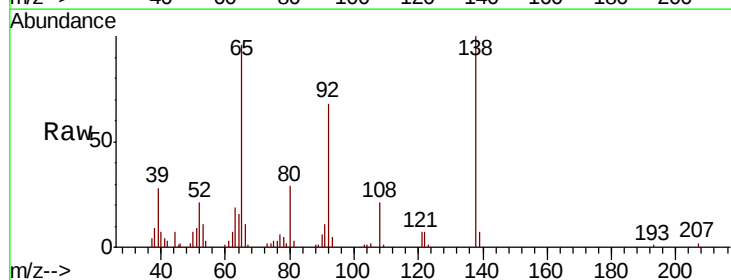
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
 2-Nitroaniline  
 Concen: 10.700 ng  
 RT: 13.39 min Scan# 1769  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.2  | 54.9  | 82.3  |
| 138     | 103.9 | 83.7  | 125.5 |

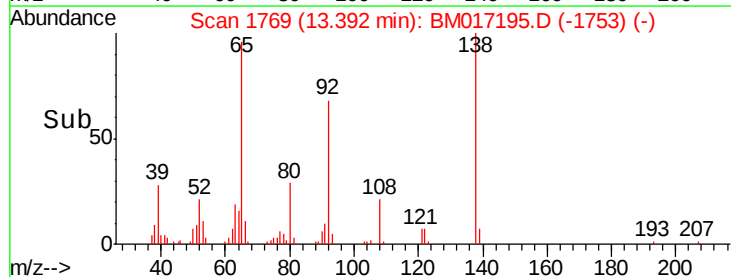
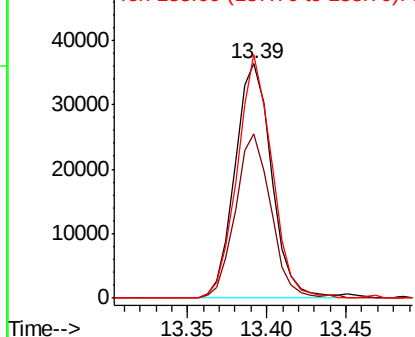


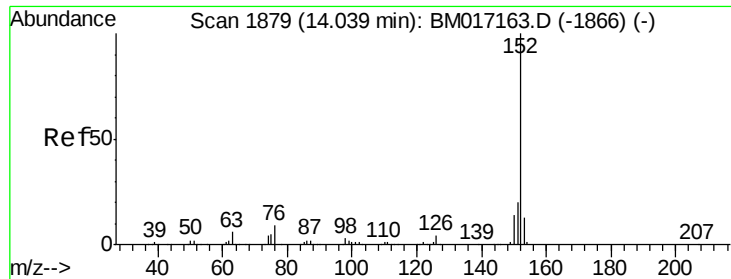
Abundance

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: 7.025 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampleId :

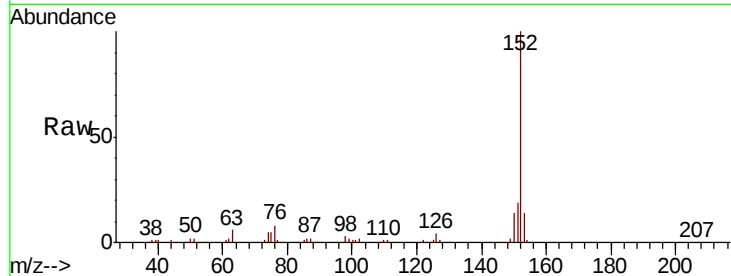
Tot Ion:152 Resp: 369689

Ion Ratio Lower Upper

152 100

151 19.3 16.0 24.0

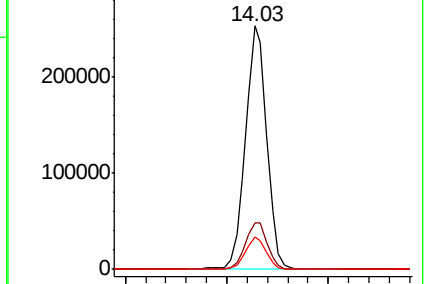
153 13.5 10.4 15.6



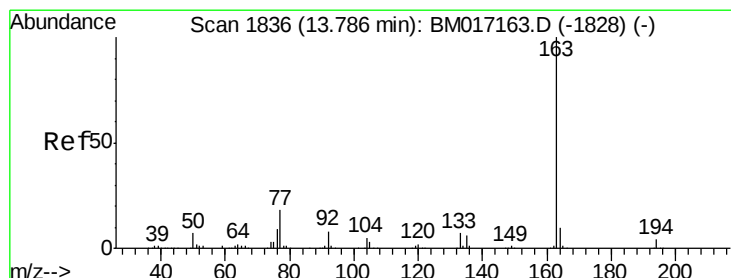
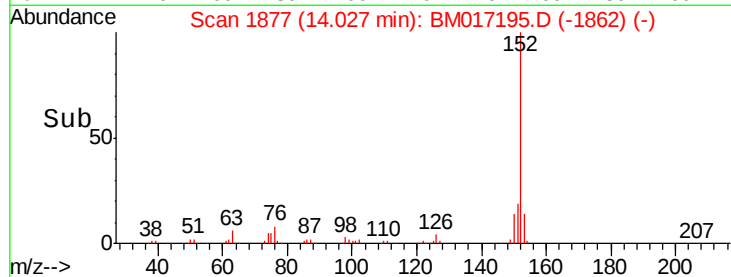
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 13.90 14.00 14.10



#50

Dimethylphthalate

Concen: 7.128 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

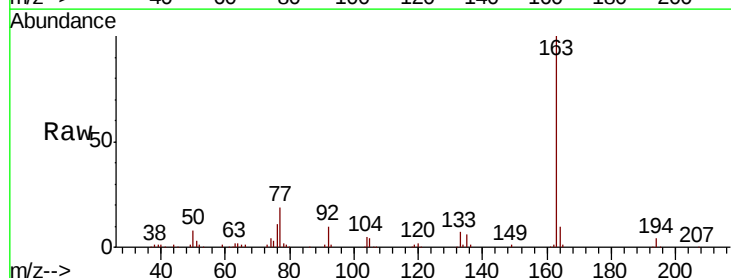
Tgt Ion:163 Resp: 301590

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

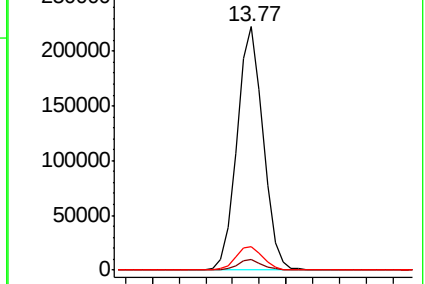
164 9.8 7.8 11.8



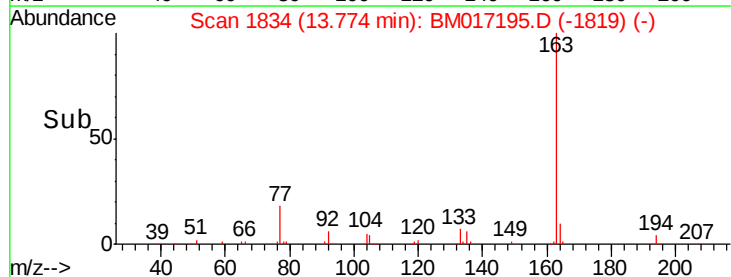
Abundance Ion 163.00 (162.70 to 163.70): E

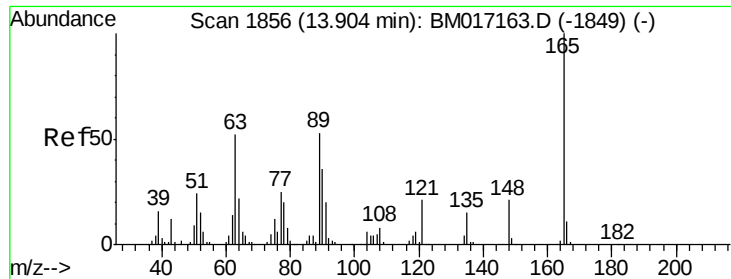
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.70 13.80

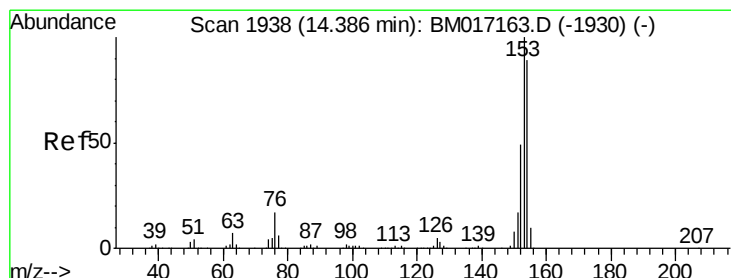
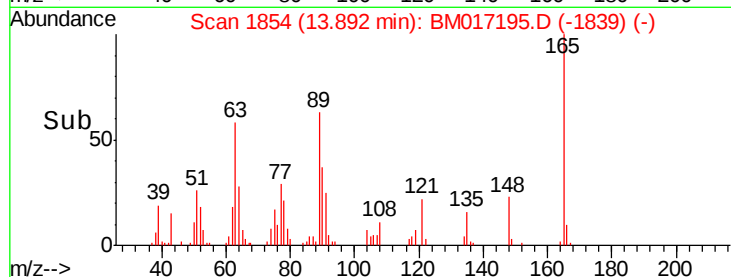
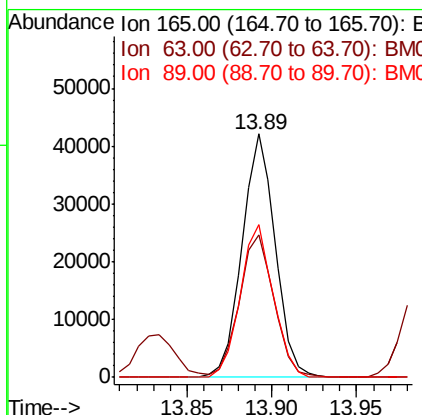
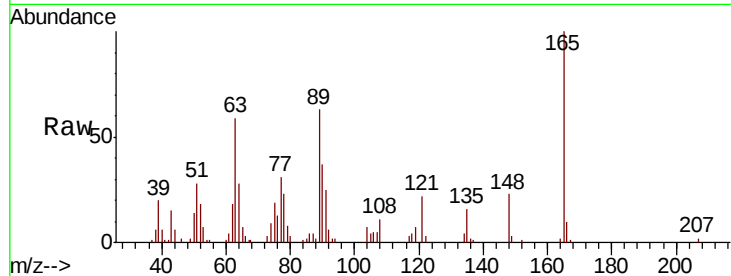




#51  
 2,6-Dinitrotoluene  
 Concen: 6.170 ng  
 RT: 13.89 min Scan# 1854  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

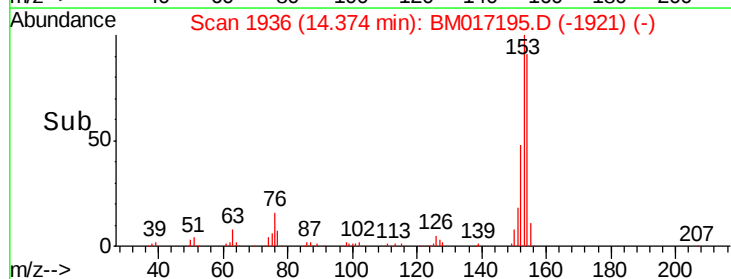
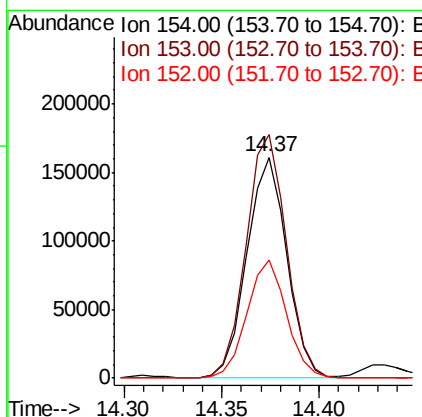
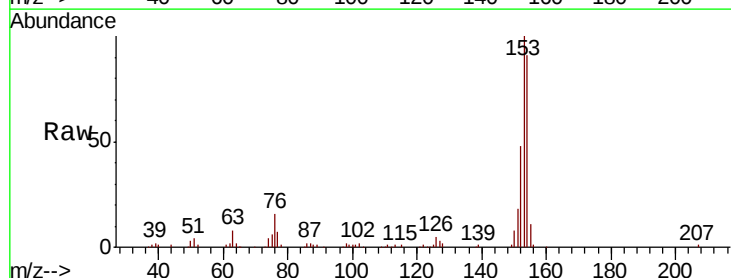
Instrument :  
 BNA\_M  
 ClientSampled :

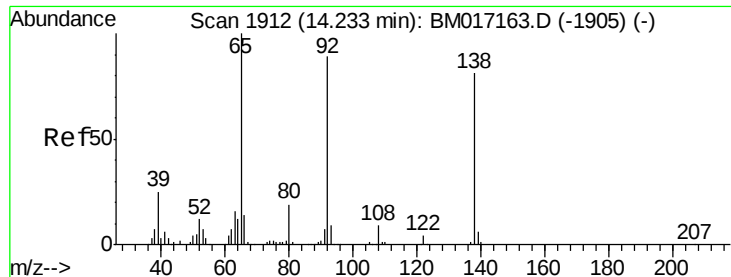
Tot Ion:165 Resp: 57460  
 Ion Ratio Lower Upper  
 165 100  
 63 58.7 42.7 64.1  
 89 62.6 42.1 63.1



#52  
 Acenaphthene  
 Concen: 6.908 ng  
 RT: 14.37 min Scan# 1936  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

Tgt Ion:154 Resp: 228259  
 Ion Ratio Lower Upper  
 154 100  
 153 110.3 90.2 135.2  
 152 53.5 44.2 66.4

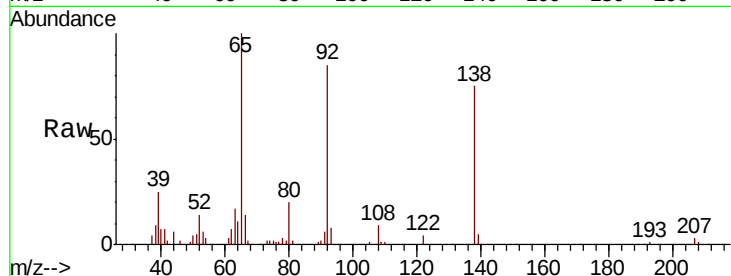




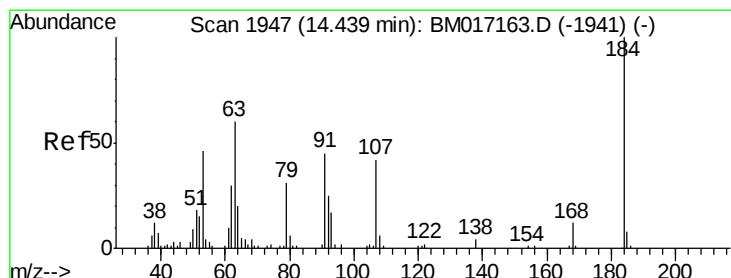
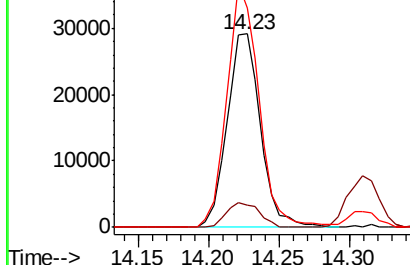
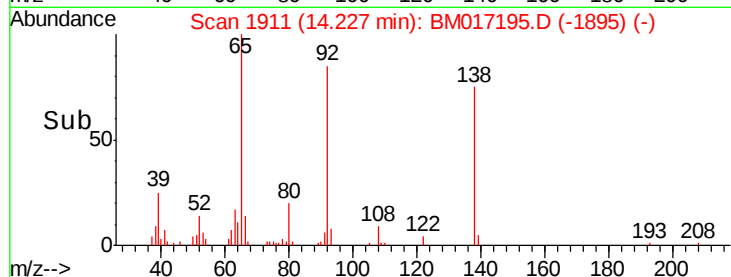
#53  
3-Nitroaniline  
Concen: 4.749 ng  
RT: 14.23 min Scan# 1911  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:138 Resp: 47903  
Ion Ratio Lower Upper  
138 100  
108 11.4 8.7 13.1  
92 113.5 87.9 131.9

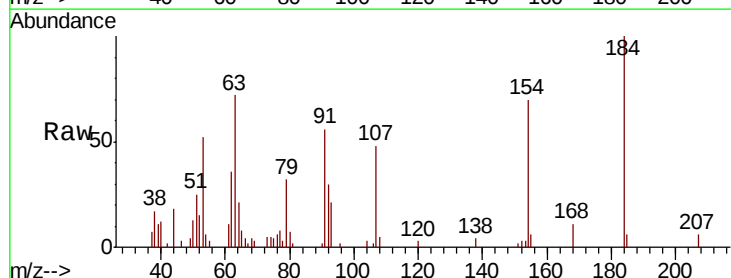


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM

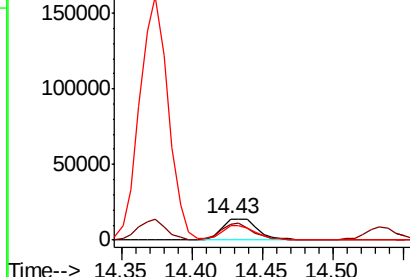
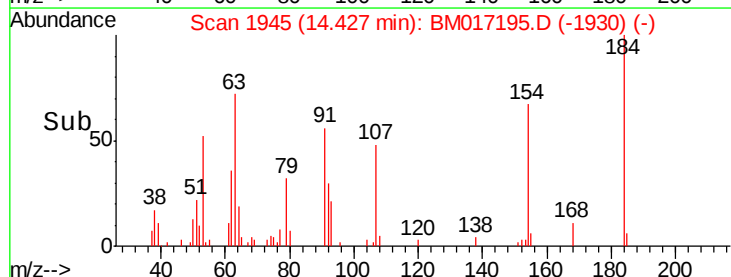


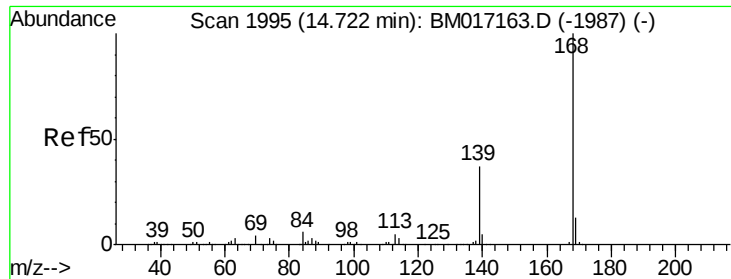
#54  
2,4-Dinitrophenol  
Concen: 12.340 ng  
RT: 14.43 min Scan# 1945  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Tgt Ion:184 Resp: 25051  
Ion Ratio Lower Upper  
184 100  
63 72.3 51.2 76.8  
154 70.4 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

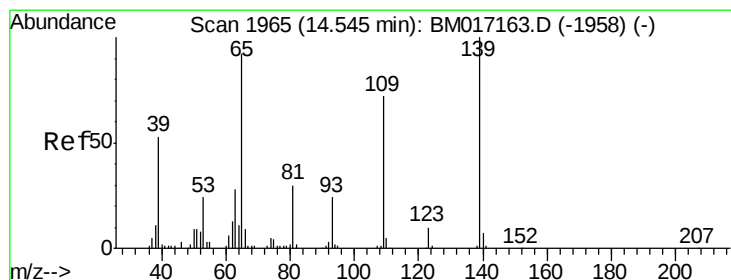
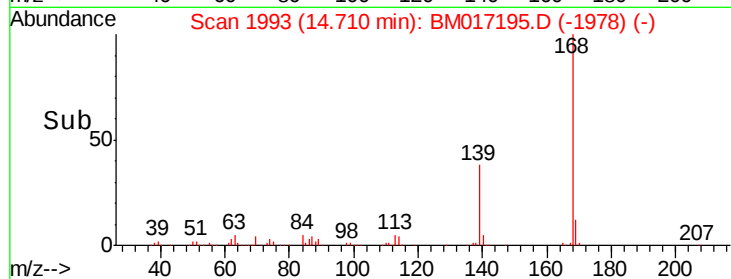
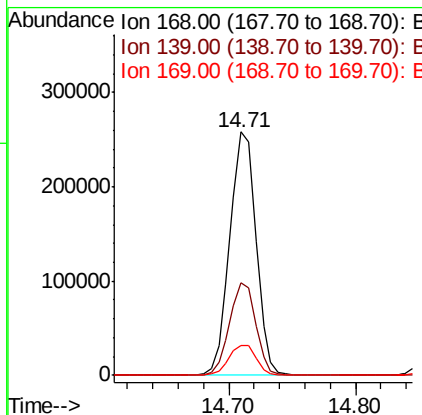
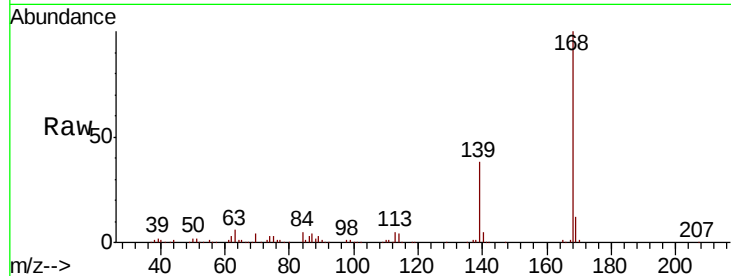




#55  
Dibenzofuran  
Concen: 6.738 ng  
RT: 14.71 min Scan# 1993  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

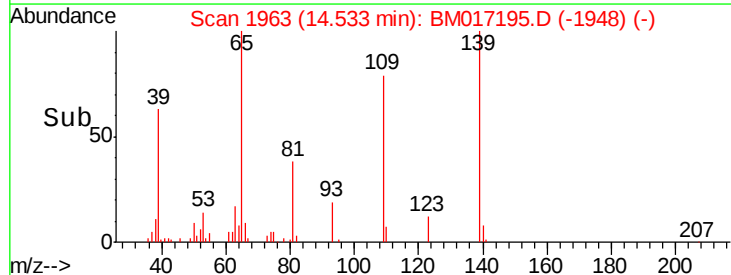
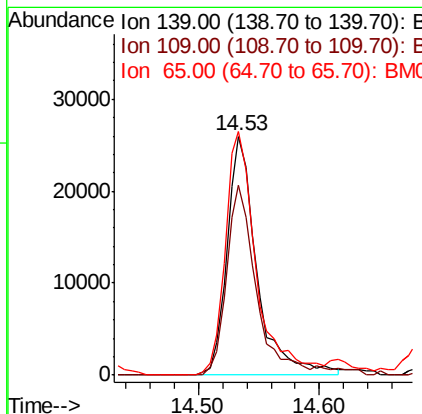
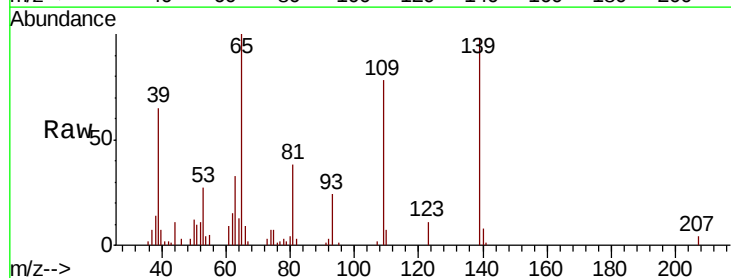
Instrument :  
BNA\_M  
ClientSampleId :

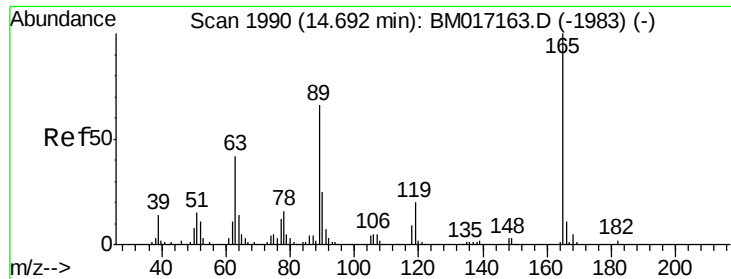
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.9  | 29.3  | 43.9  |
| 169     | 12.4  | 10.6  | 15.8  |



#56  
4-Nitrophenol  
Concen: 9.273 ng  
RT: 14.53 min Scan# 1963  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 79.2  | 51.8  | 91.8  |
| 65      | 101.9 | 72.1  | 112.1 |

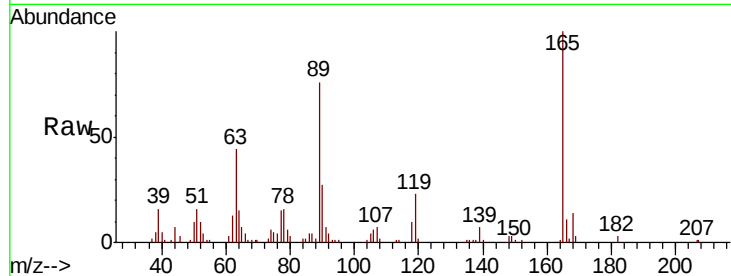




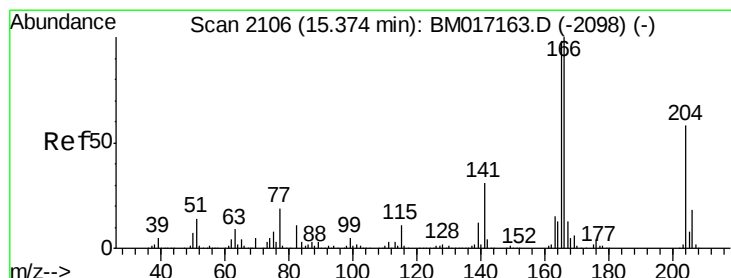
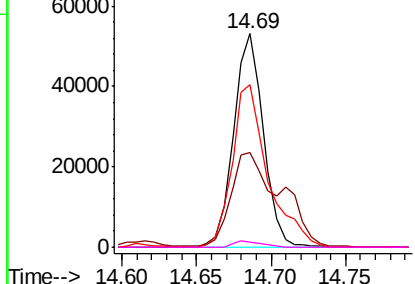
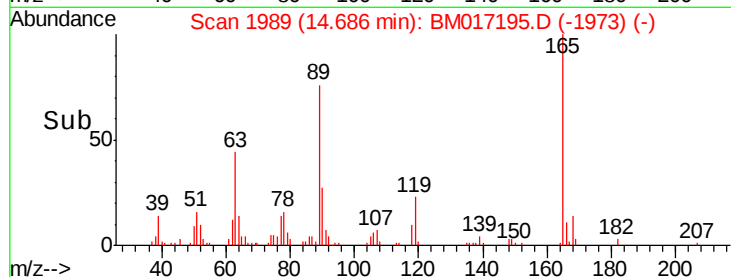
#57  
2,4-Dinitrotoluene  
Concen: 5.907 ng  
RT: 14.69 min Scan# 1989  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:165 Resp: 73934  
Ion Ratio Lower Upper  
165 100  
63 44.3 33.8 50.8  
89 76.1 53.1 79.7  
182 2.7 2.0 3.0

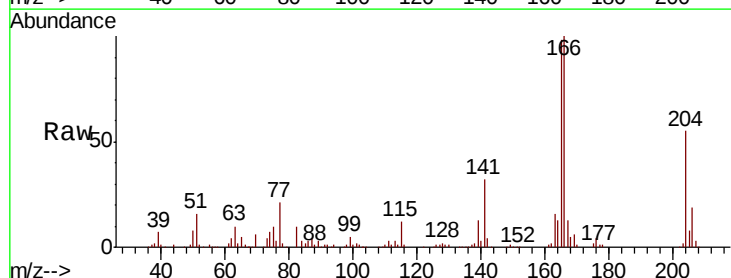


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 89.00 (88.70 to 89.70): BM  
Ion 182.00 (181.70 to 182.70): E

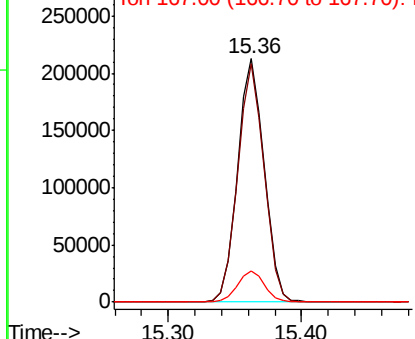
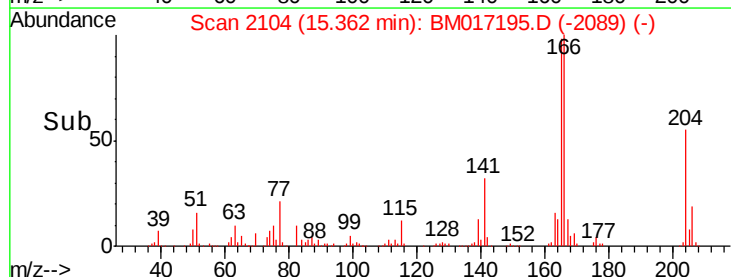


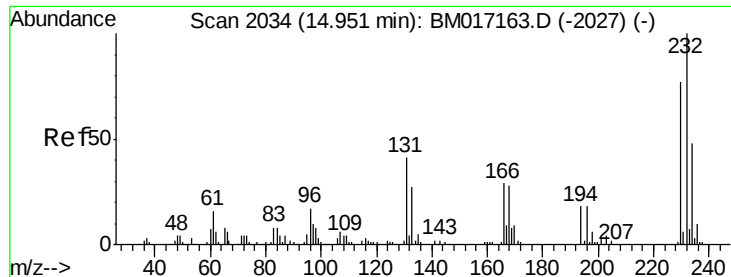
#58  
Fluorene  
Concen: 7.232 ng  
RT: 15.36 min Scan# 2104  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Tgt Ion:166 Resp: 294159  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.1 117.1  
167 13.0 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

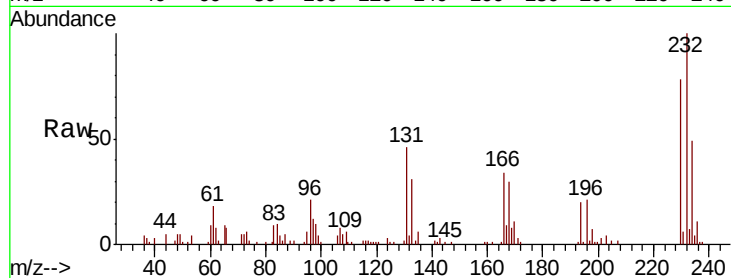




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 6.886 ng  
RT: 14.94 min Scan# 2032  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.1  | 33.1  | 49.7  |
| 130     | 2.1   | 1.7   | 2.5   |
| 166     | 31.8  | 24.4  | 36.6  |



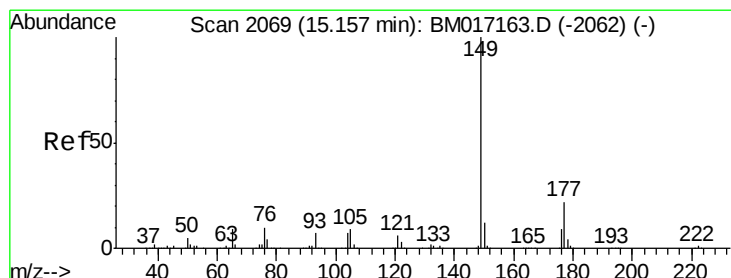
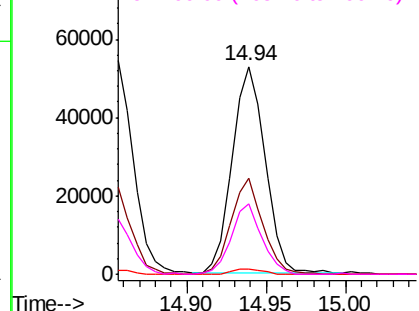
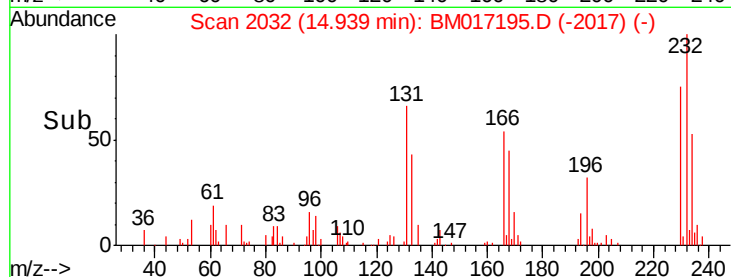
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

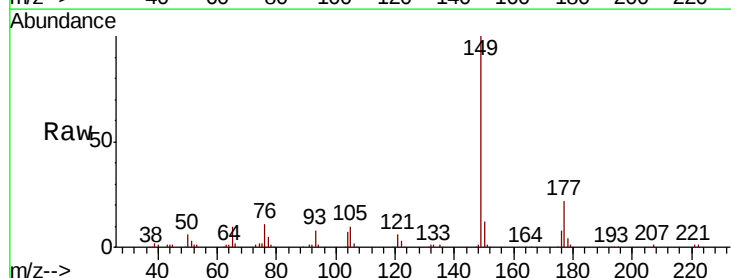
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 6.985 ng  
RT: 15.14 min Scan# 2067  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.8  | 17.7  | 26.5  |
| 150     | 12.2  | 10.0  | 15.0  |

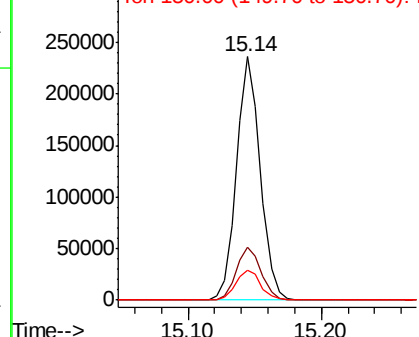
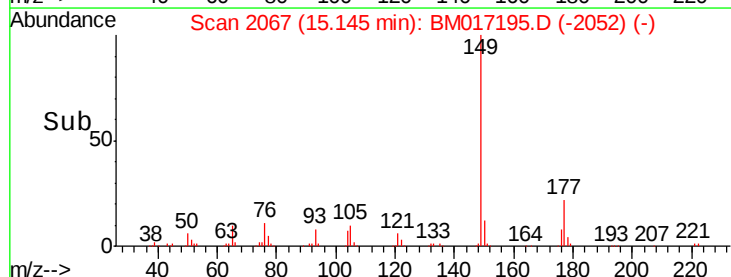


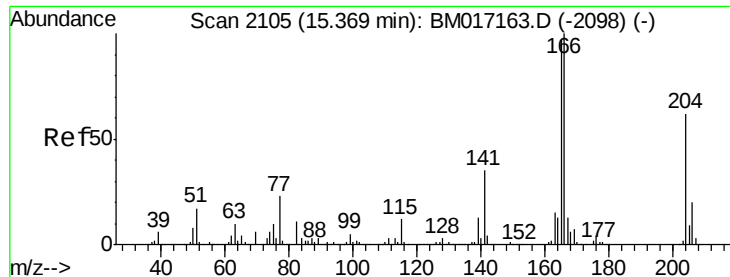
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

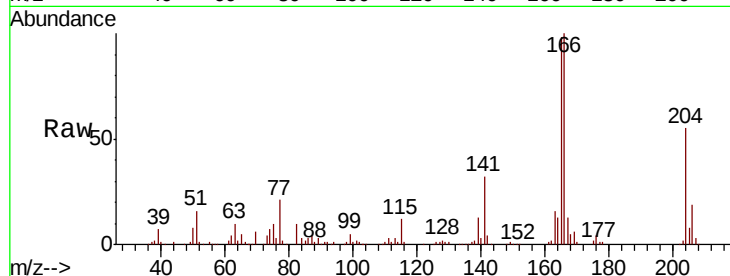




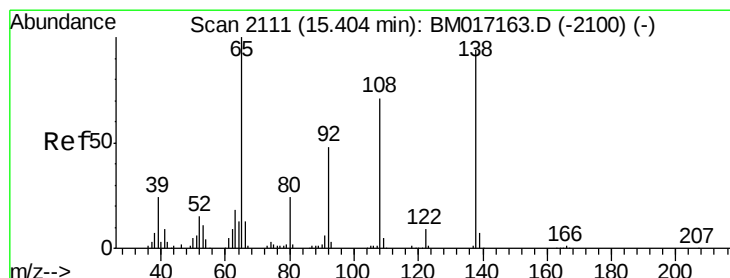
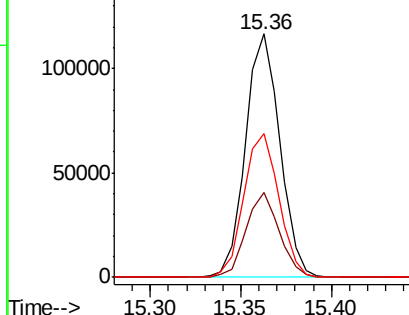
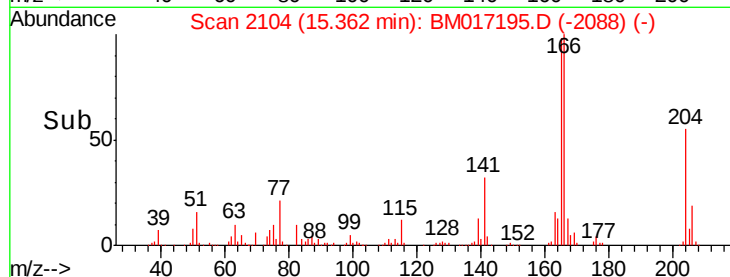
#61  
4-Chlorophenyl-phenylether  
Concen: 6.630 ng  
RT: 15.36 min Scan# 2104  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:204 Resp: 153747  
Ion Ratio Lower Upper  
204 100  
206 34.7 26.1 39.1  
141 59.2 45.4 68.2

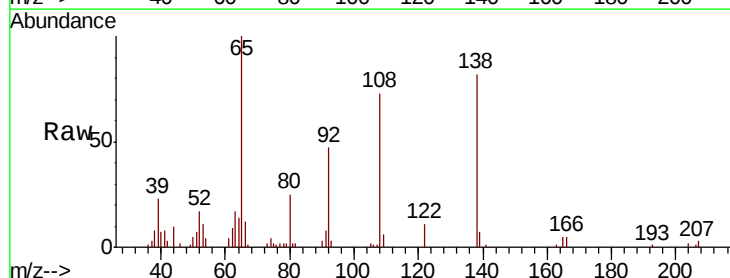


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

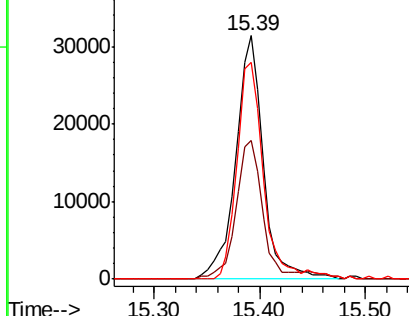
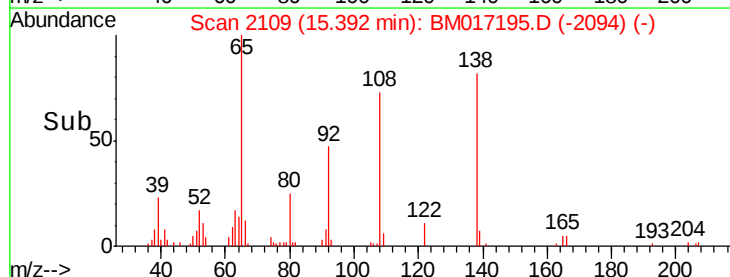


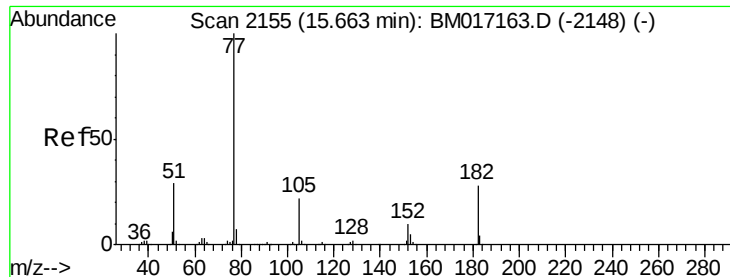
#62  
4-Nitroaniline  
Concen: 9.257 ng  
RT: 15.39 min Scan# 2109  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Tgt Ion:138 Resp: 56249  
Ion Ratio Lower Upper  
138 100  
92 57.1 31.2 71.2  
108 89.1 55.5 95.5



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





#63

Azobenzene

Concen: 6.498 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 77 Resp: 265023

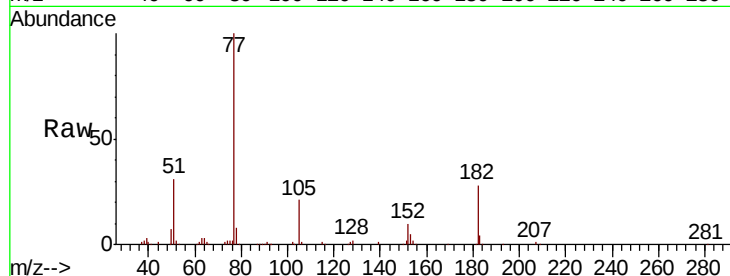
Ion Ratio Lower Upper

77 100

182 27.9 8.3 48.3

105 20.6 1.5 41.5

51 30.6 8.8 48.8

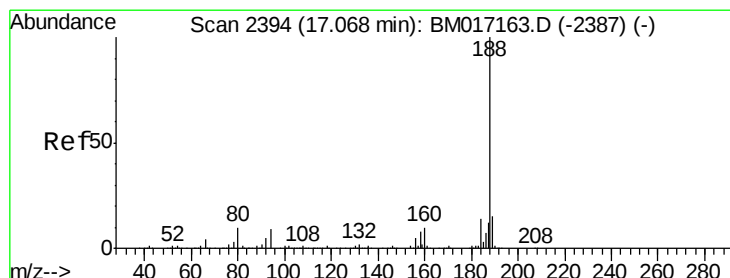
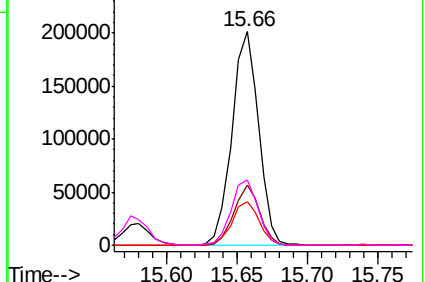
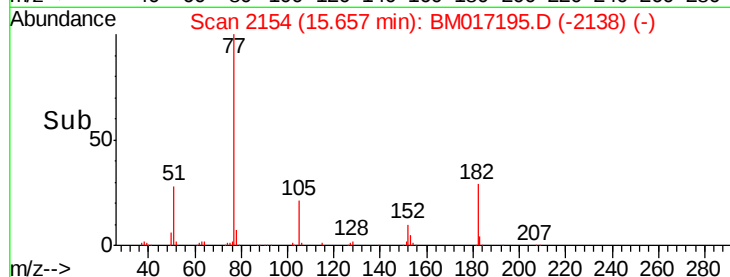


Abundance Ion 77.00 (76.70 to 77.70): BM0

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): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

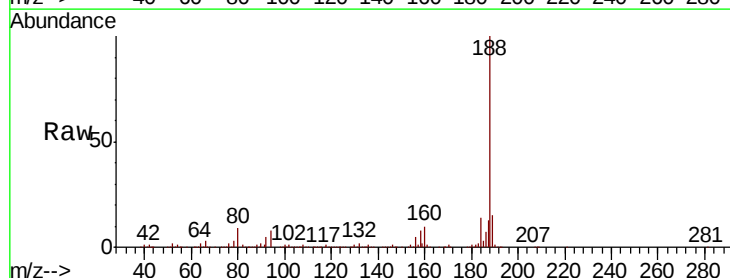
Tgt Ion: 188 Resp: 1308048

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.4

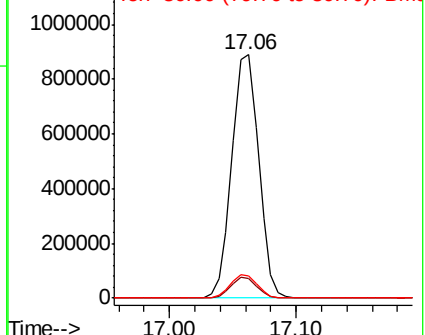
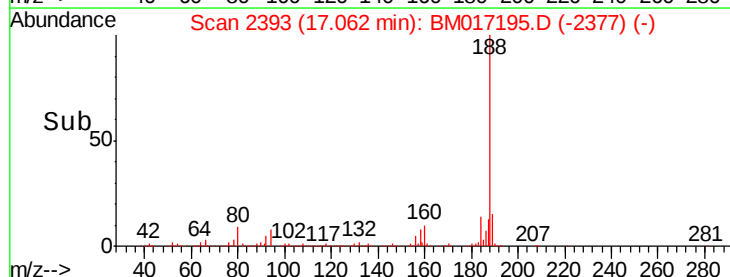
80 8.9 7.7 11.5

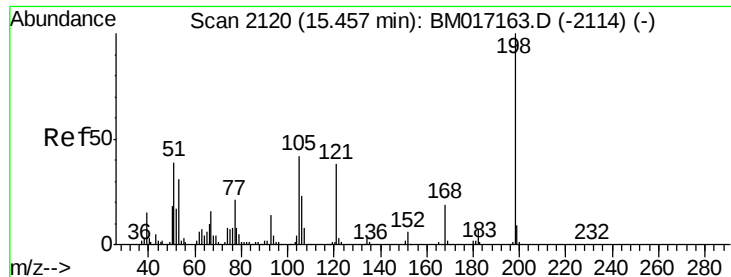


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 10.956 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

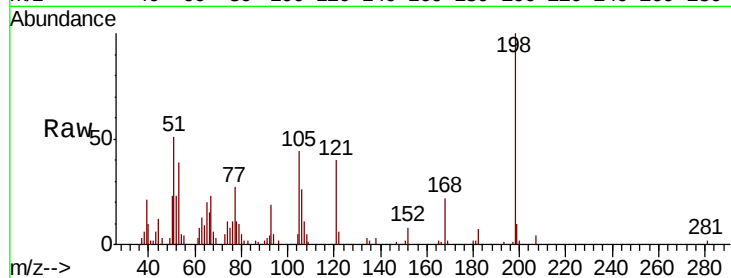
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:198 Resp: 38883

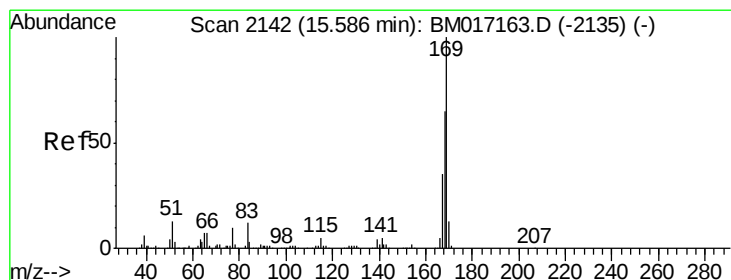
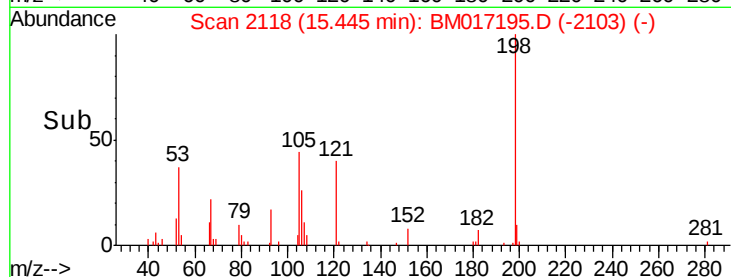
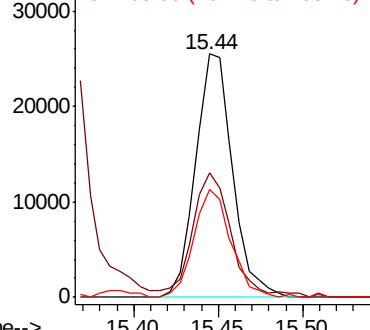
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 51.1  | 20.3  | 60.3  |
| 105 | 44.4  | 21.9  | 61.9  |



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: 6.524 ng

RT: 15.58 min Scan# 2141

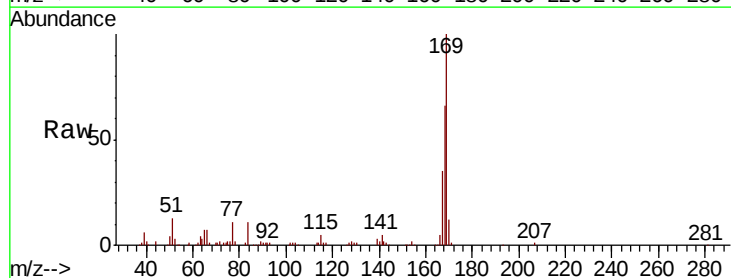
Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Tgt Ion:169 Resp: 258182

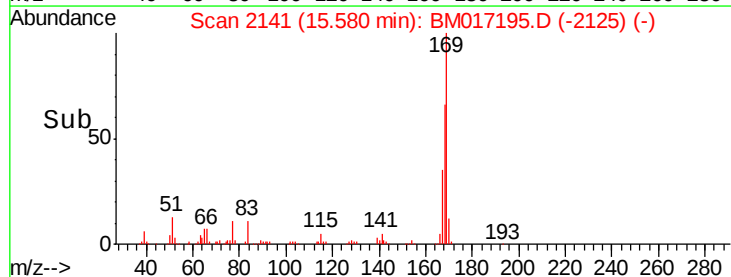
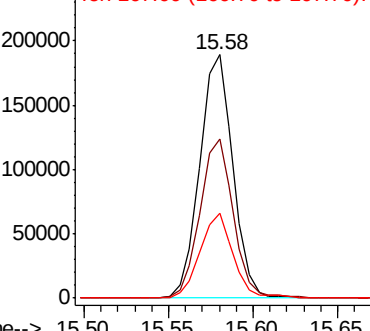
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 65.6  | 52.2  | 78.4  |
| 167 | 34.9  | 28.4  | 42.6  |

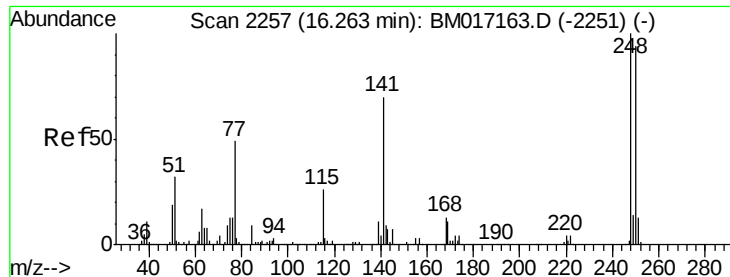


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

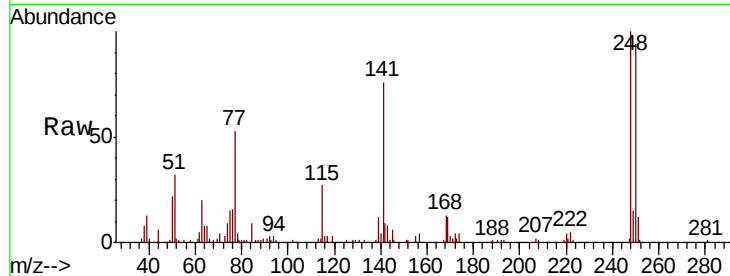




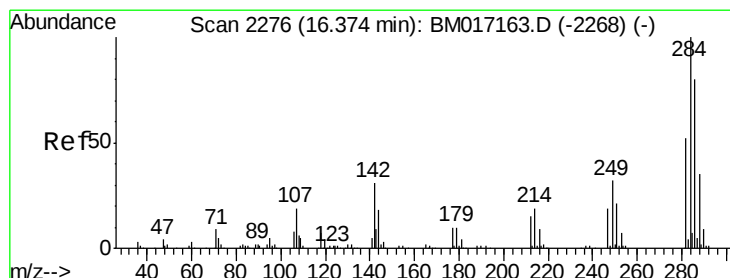
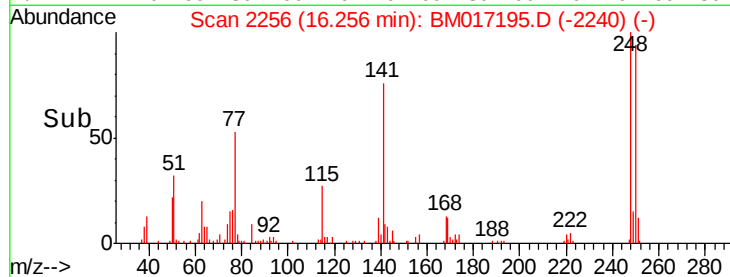
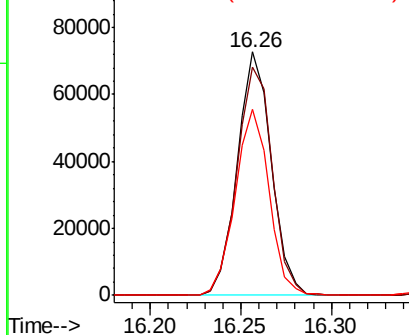
#67  
4-Bromophenyl-phenylether  
Concen: 6.593 ng  
RT: 16.26 min Scan# 2256  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:248 Resp: 94690  
Ion Ratio Lower Upper  
248 100  
250 93.6 75.1 112.7  
141 76.2 55.6 83.4

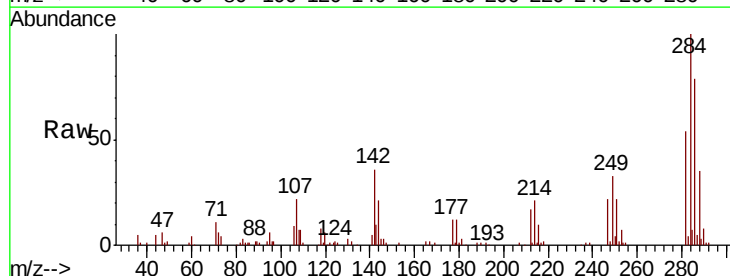


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

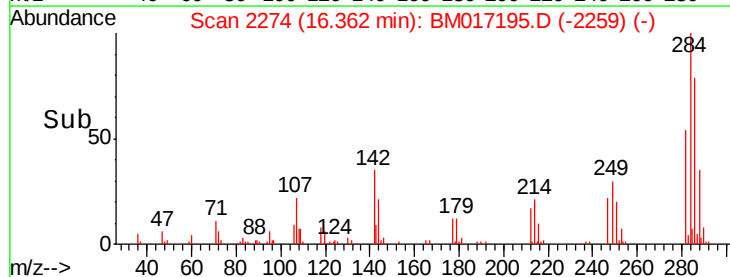
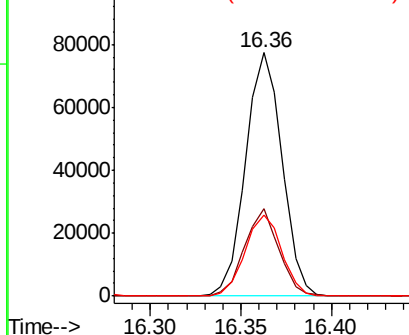


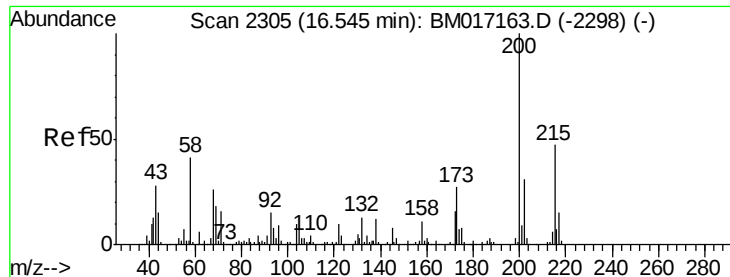
#68  
Hexachlorobenzene  
Concen: 6.478 ng  
RT: 16.36 min Scan# 2274  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Tgt Ion:284 Resp: 108076  
Ion Ratio Lower Upper  
284 100  
142 36.0 25.0 37.6  
249 33.1 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

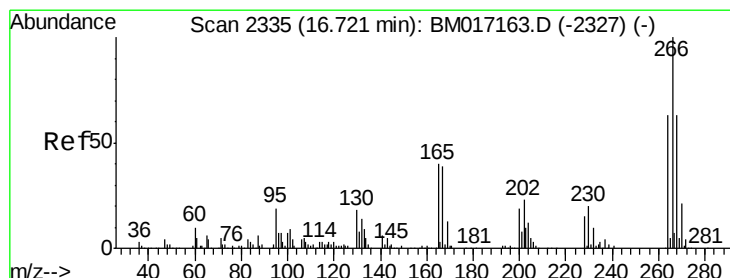
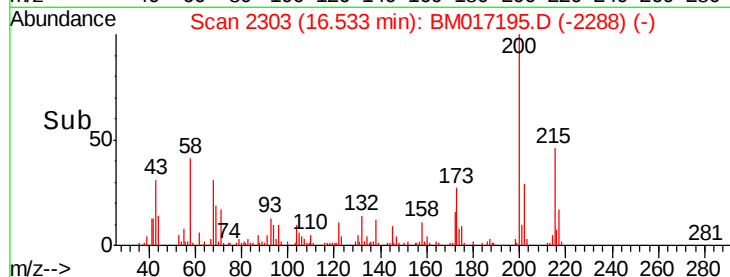
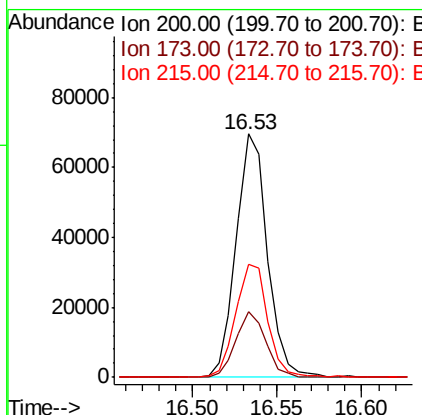
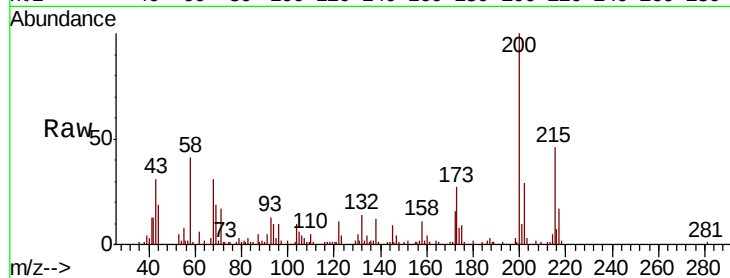




#69  
Atrazine  
Concen: 6.357 ng  
RT: 16.53 min Scan# 2303  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

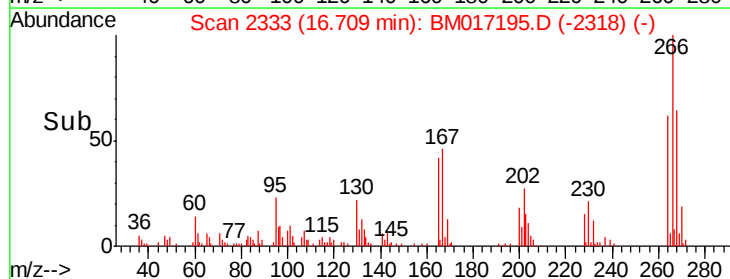
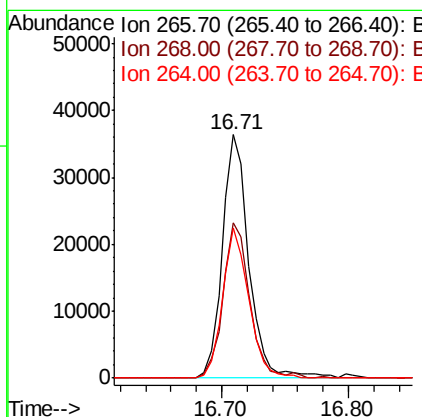
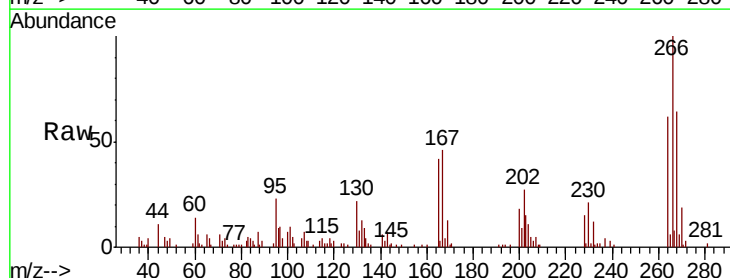
Instrument :  
BNA\_M  
ClientSampleId :

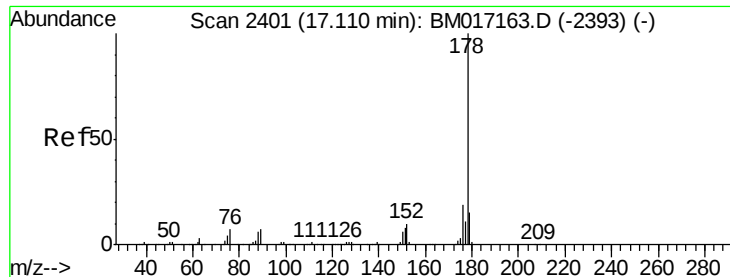
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.9  | 7.0   | 47.0  |
| 215     | 46.4  | 27.3  | 67.3  |



#70  
Pentachlorophenol  
Concen: 4.604 ng  
RT: 16.71 min Scan# 2333  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.5  | 50.7  | 76.1  |
| 264     | 61.5  | 50.4  | 75.6  |

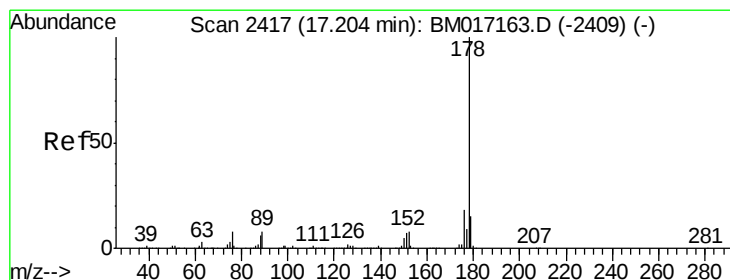
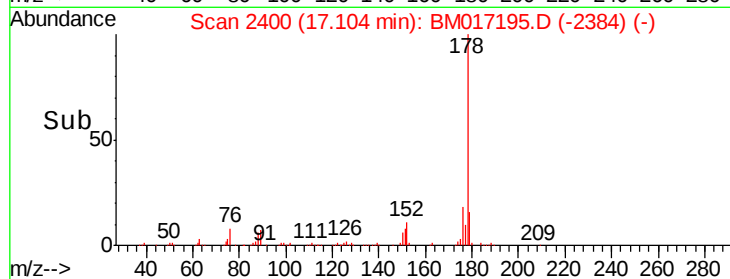
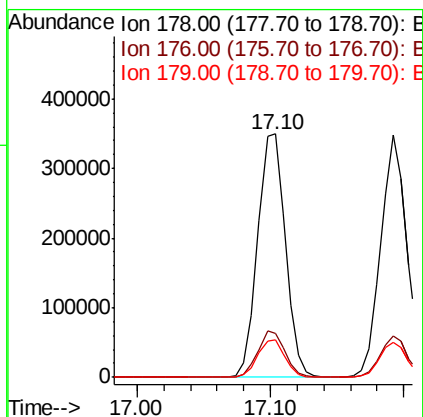
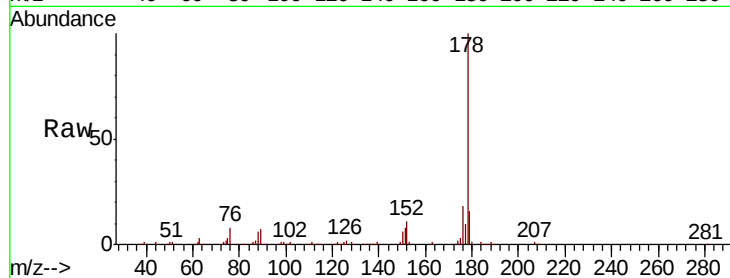




#71  
Phenanthrene  
Concen: 7.103 ng  
RT: 17.10 min Scan# 2400  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

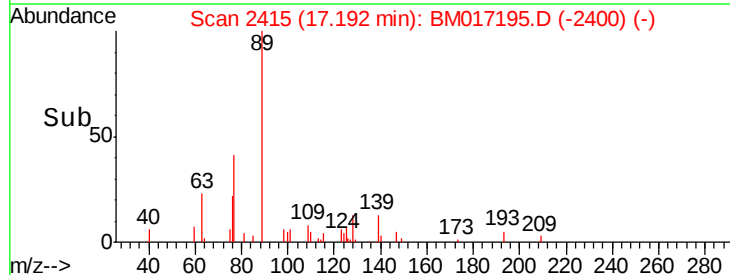
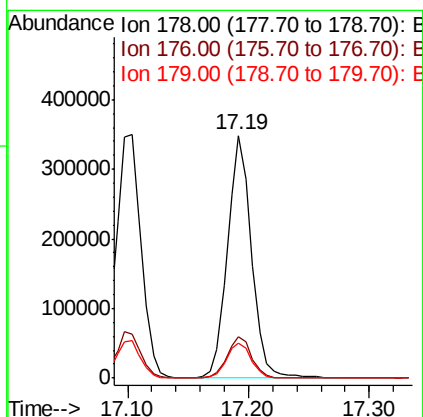
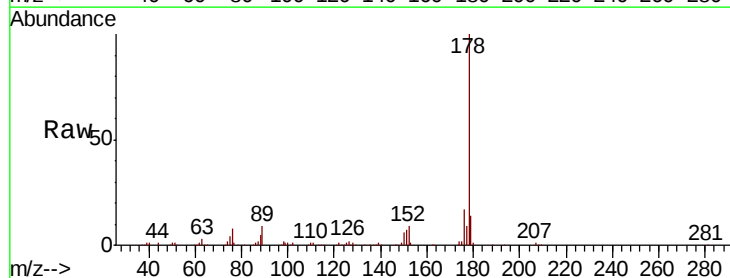
Instrument :  
BNA\_M  
ClientSampleId :

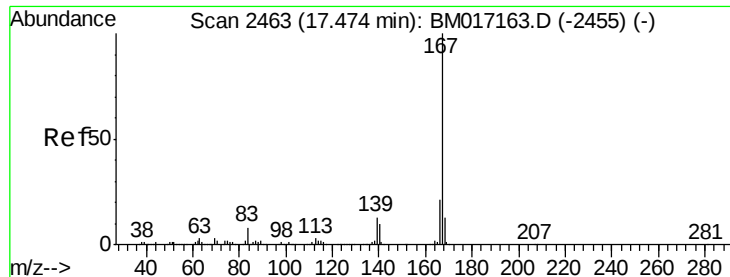
Tot Ion:178 Resp: 501276  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.0 22.6  
179 15.6 12.3 18.5



#72  
Anthracene  
Concen: 7.121 ng  
RT: 17.19 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Tgt Ion:178 Resp: 477535  
Ion Ratio Lower Upper  
178 100  
176 17.1 14.5 21.7  
179 14.2 12.2 18.2

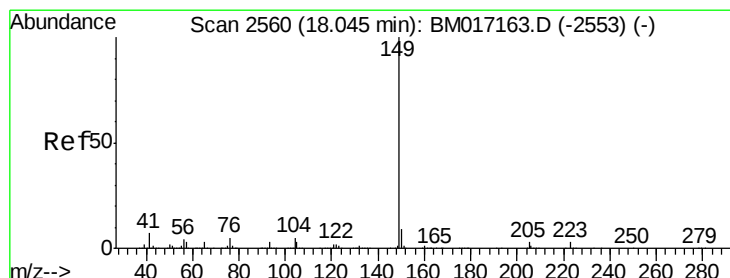
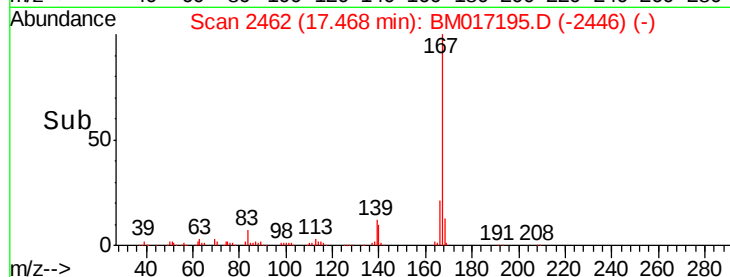
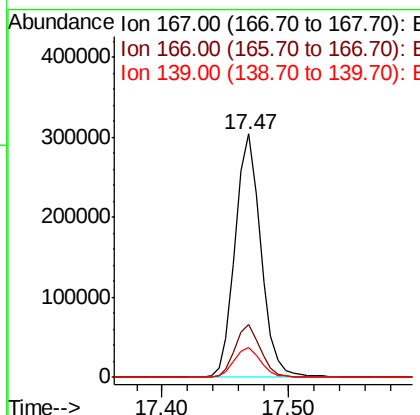
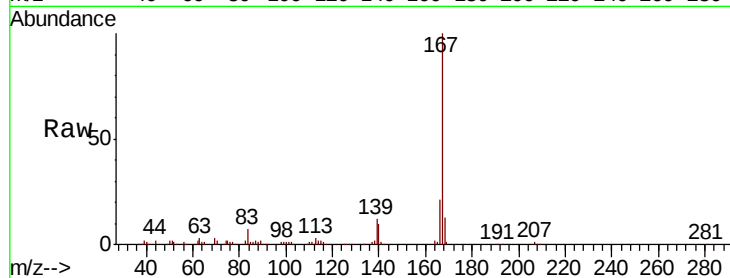




#73  
 Carbazole  
 Concen: 6.267 ng  
 RT: 17.47 min Scan# 2462  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

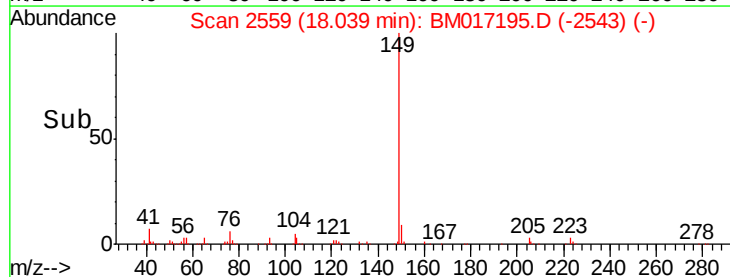
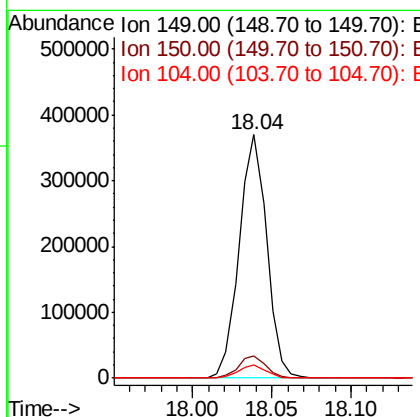
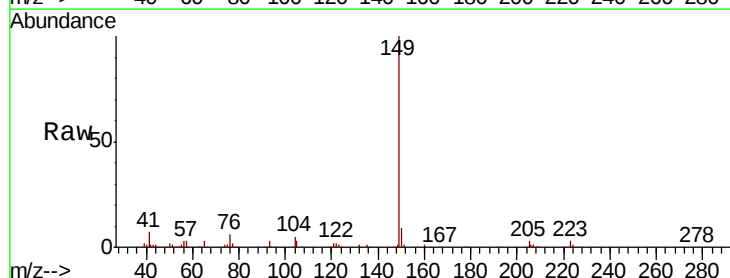
Instrument :  
 BNA\_M  
 ClientSampleId :

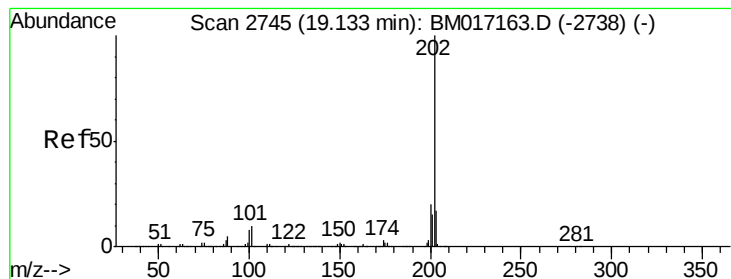
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 17.1  | 25.7  |
| 139     | 12.2  | 10.1  | 15.1  |



#74  
 Di-n-butylphthalate  
 Concen: 6.172 ng  
 RT: 18.04 min Scan# 2559  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.4   | 11.0  |
| 104     | 5.2   | 4.3   | 6.5   |





#75

Fluoranthene

Concen: 7.134 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampled :

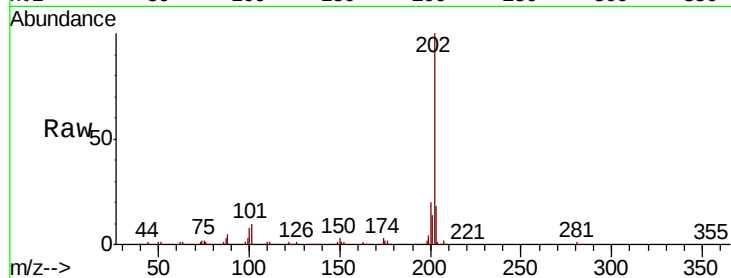
Tot Ion:202 Resp: 566558

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.0

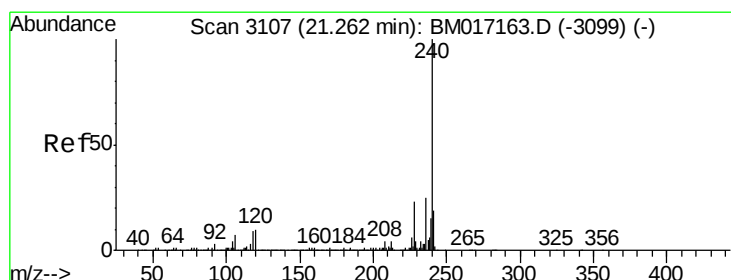
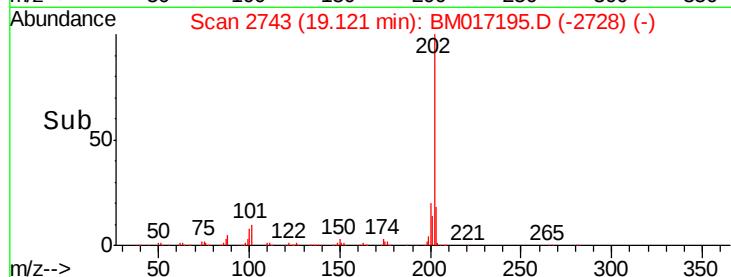
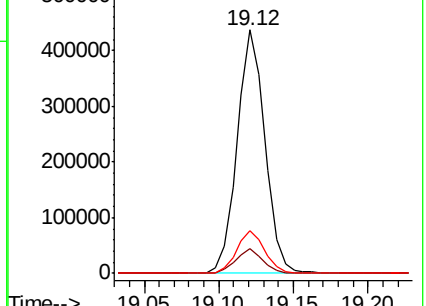
203 17.6 0.0 37.2



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: BM017195.D

Acq: 18 Oct 2018 16:25

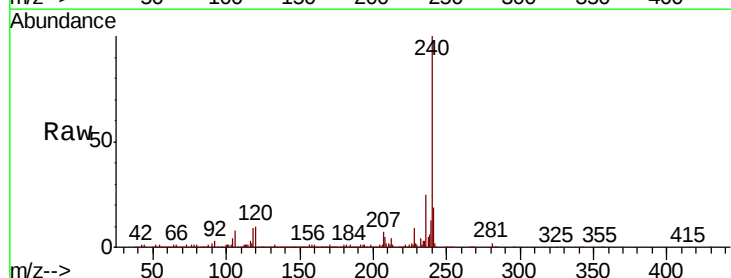
Tgt Ion:240 Resp: 1545574

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

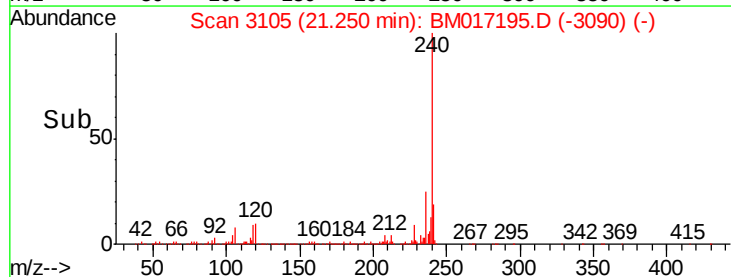
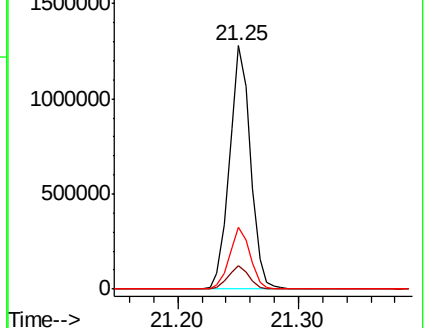
236 25.3 19.9 29.9

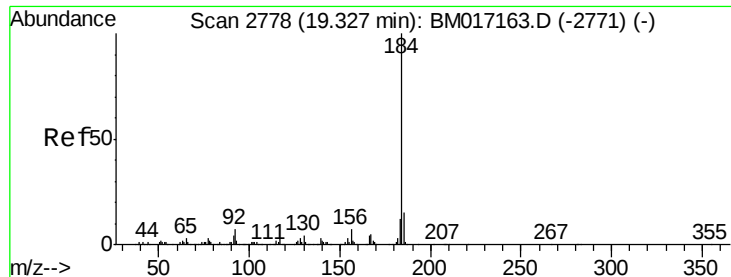


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.593 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampleId :

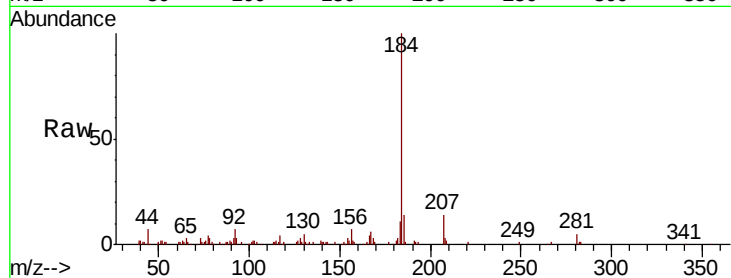
Tot Ion:184 Resp: 140818

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.8

183 11.1 9.7 14.5

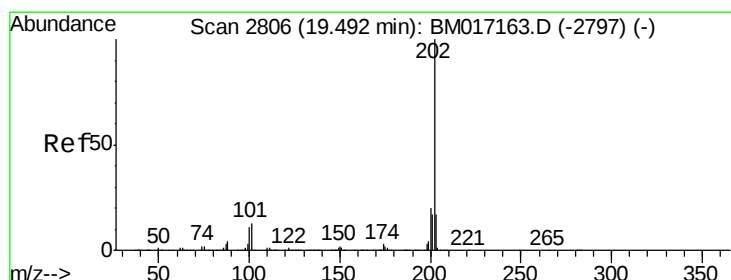
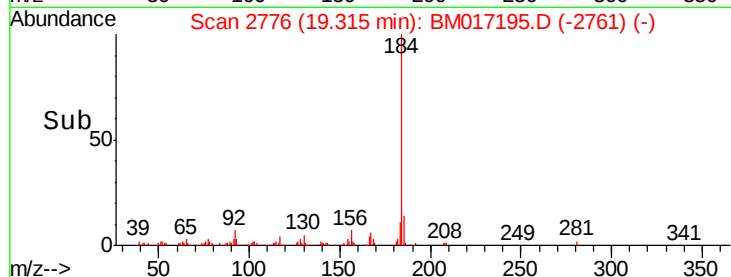
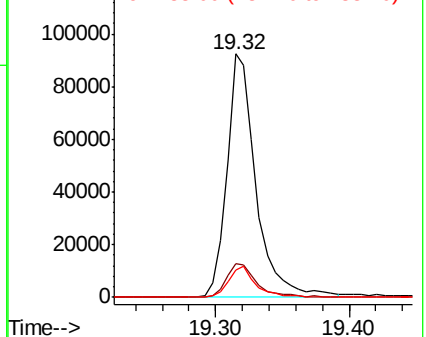


Abundance

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: 6.844 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

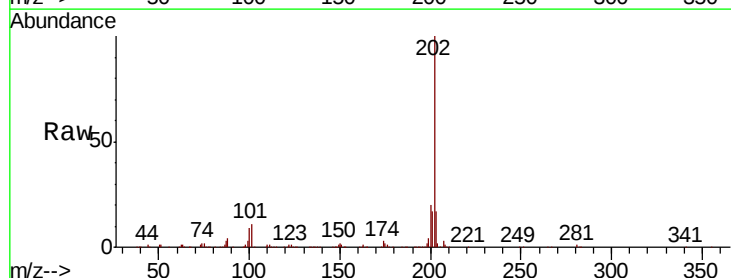
Tgt Ion:202 Resp: 591214

Ion Ratio Lower Upper

202 100

200 20.2 16.3 24.5

203 17.1 13.9 20.9

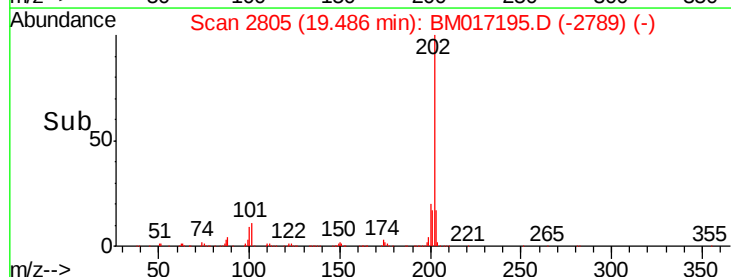
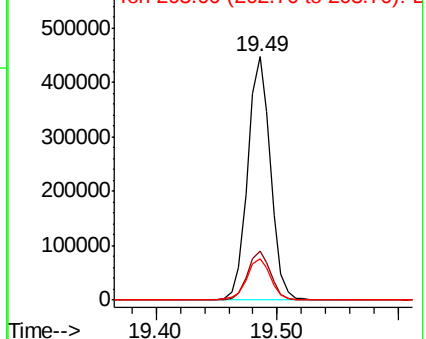


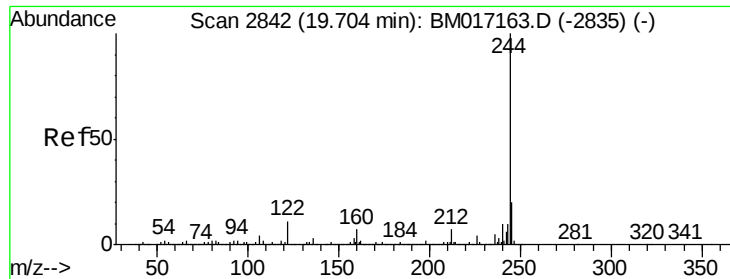
Abundance

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

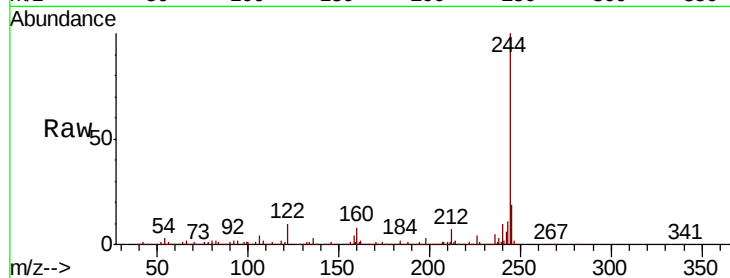




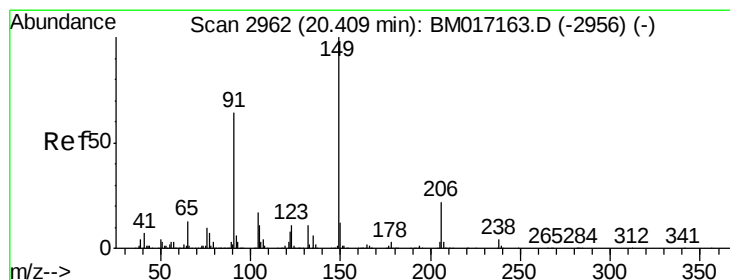
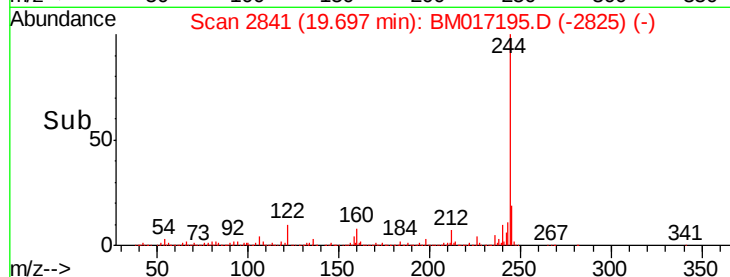
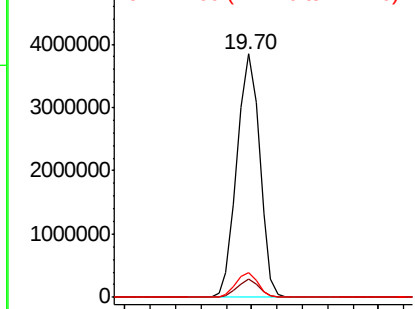
#79  
 Terphenyl-d14  
 Concen: 69.828 ng  
 RT: 19.70 min Scan# 2841  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:244 Resp: 4788145  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.5 8.3  
 122 10.2 8.4 12.6

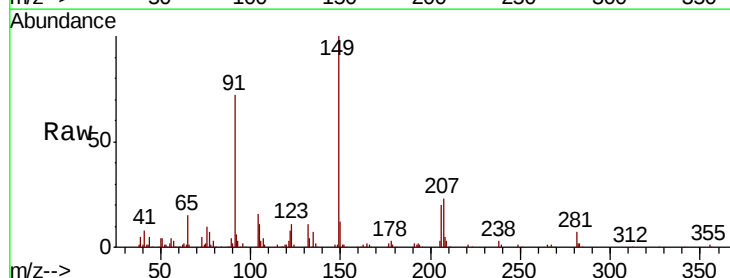


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

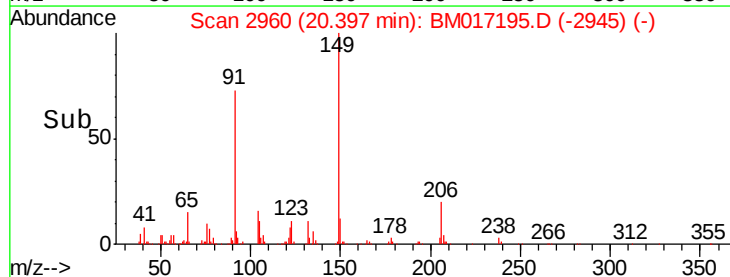
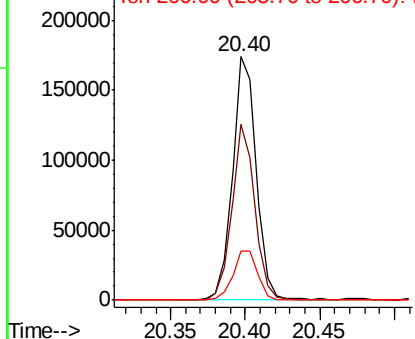


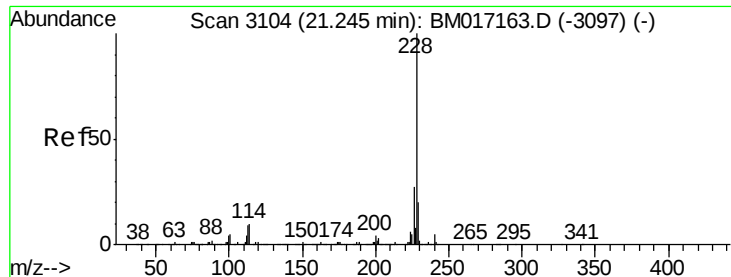
#80  
 Butylbenzylphthalate  
 Concen: 12.162 ng  
 RT: 20.40 min Scan# 2960  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

Tgt Ion:149 Resp: 192718  
 Ion Ratio Lower Upper  
 149 100  
 91 72.4 51.3 76.9  
 206 20.4 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 91.00 (90.70 to 91.70): BM0  
 Ion 206.00 (205.70 to 206.70): E

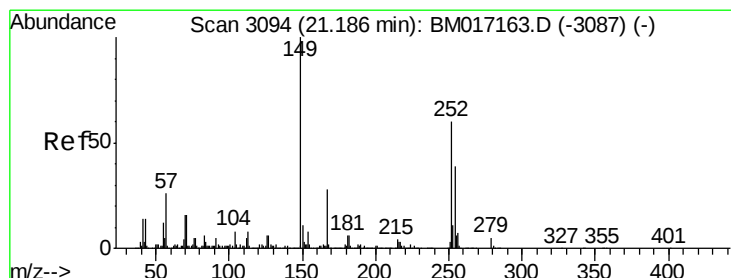
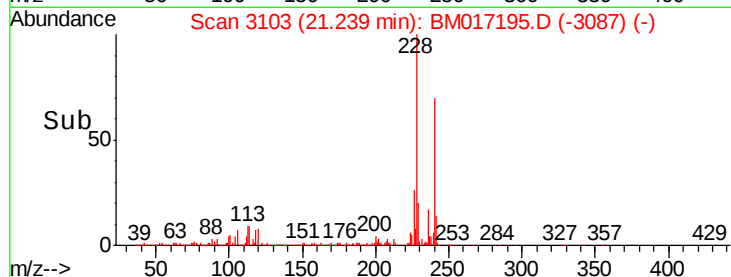
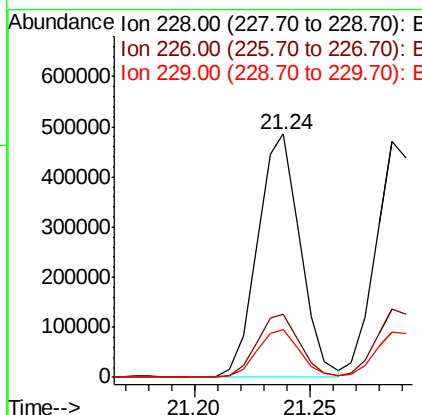
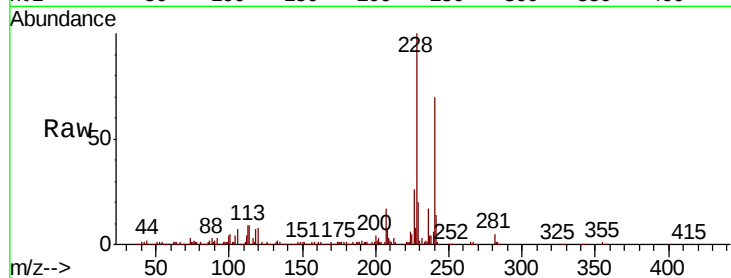




#81  
Benzo(a)anthracene  
Concen: 7.168 ng  
RT: 21.24 min Scan# 3103  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

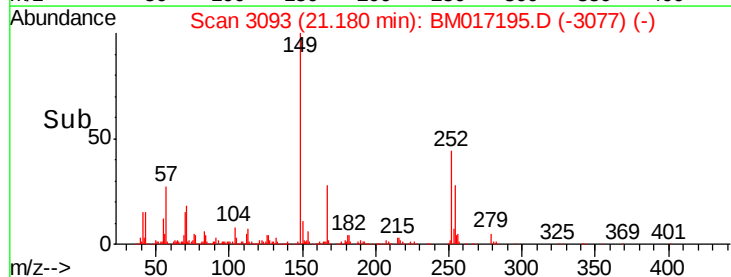
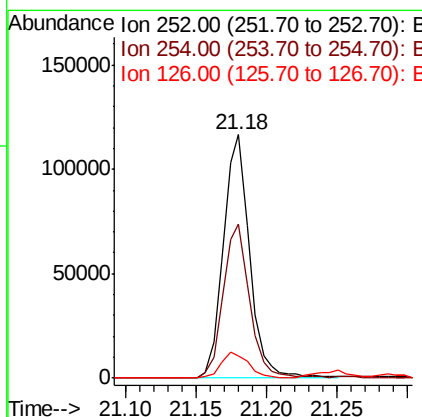
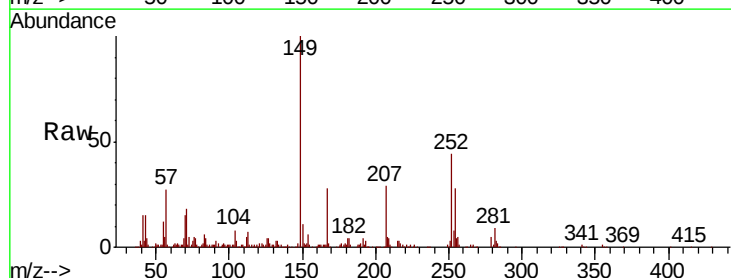
Instrument :  
BNA\_M  
ClientSampleId :

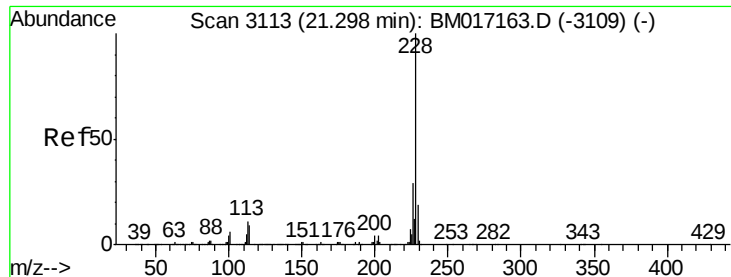
Tot Ion:228 Resp: 623445  
Ion Ratio Lower Upper  
228 100  
226 26.1 21.4 32.0  
229 19.9 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 4.661 ng  
RT: 21.18 min Scan# 3093  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

Tgt Ion:252 Resp: 151106  
Ion Ratio Lower Upper  
252 100  
254 63.0 52.1 78.1  
126 8.9 8.6 12.8

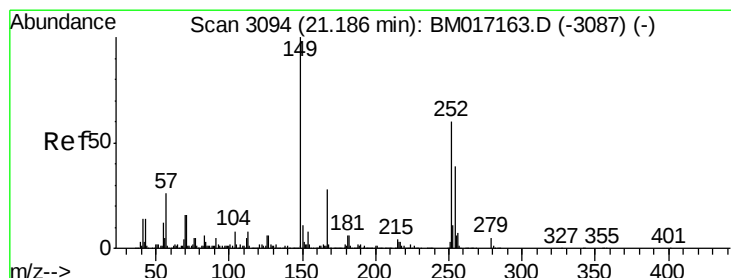
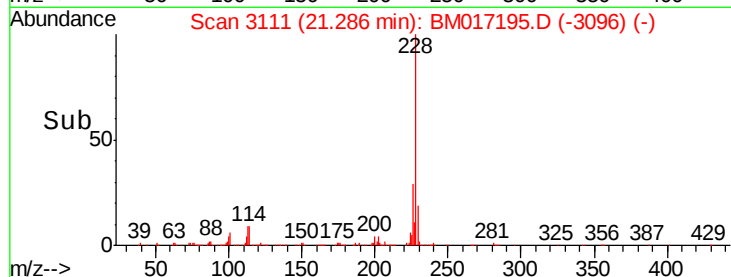
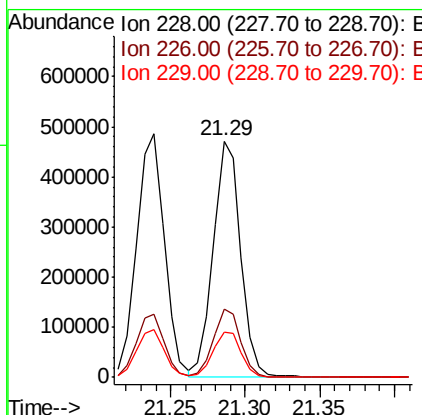
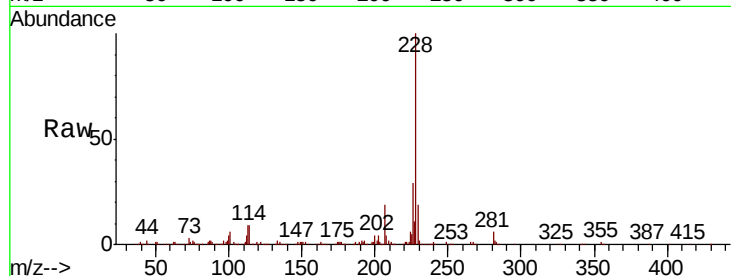




#83  
 Chrysene  
 Concen: 7.058 ng  
 RT: 21.29 min Scan# 3111  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

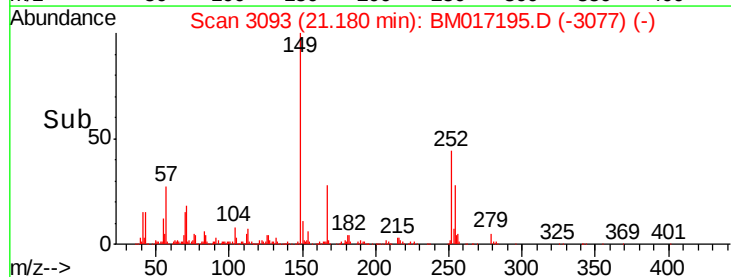
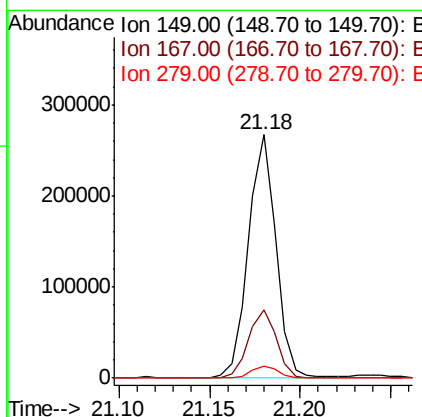
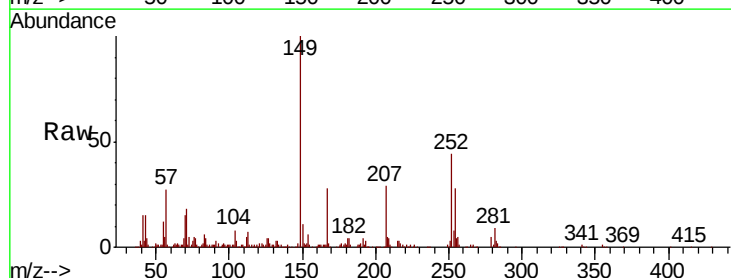
Instrument :  
 BNA\_M  
 ClientSampleId :

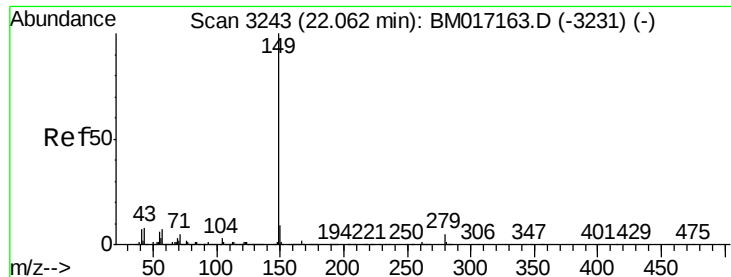
Tot Ion:228 Resp: 607624  
 Ion Ratio Lower Upper  
 228 100  
 226 28.8 23.3 34.9  
 229 19.4 15.6 23.4



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 10.262 ng  
 RT: 21.18 min Scan# 3093  
 Delta R.T. -0.01 min  
 Lab File: BM017195.D  
 Acq: 18 Oct 2018 16:25

Tgt Ion:149 Resp: 280116  
 Ion Ratio Lower Upper  
 149 100  
 167 27.9 22.2 33.4  
 279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 10.677 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampled :

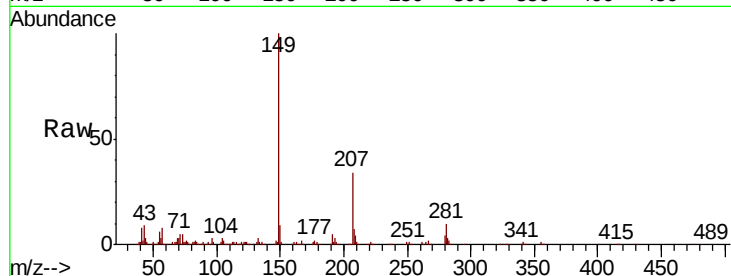
Tot Ion:149 Resp: 492173

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

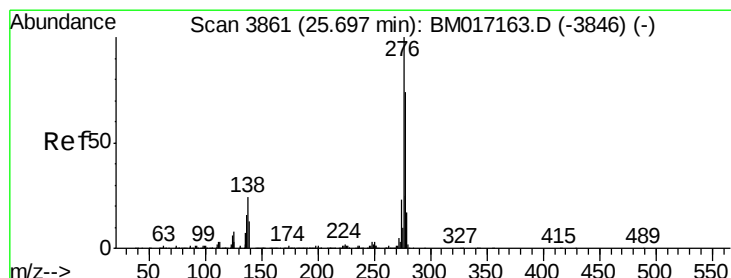
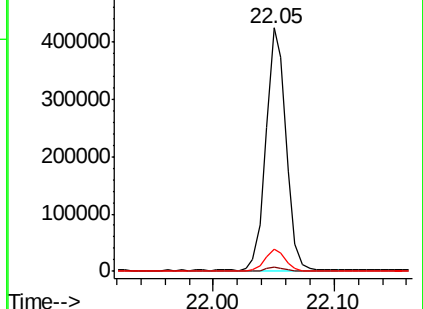
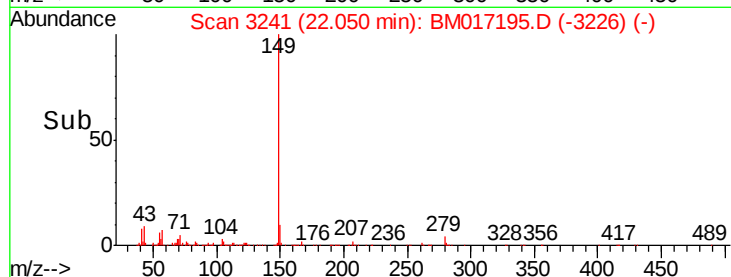
43 9.0 7.2 10.8



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: 7.270 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

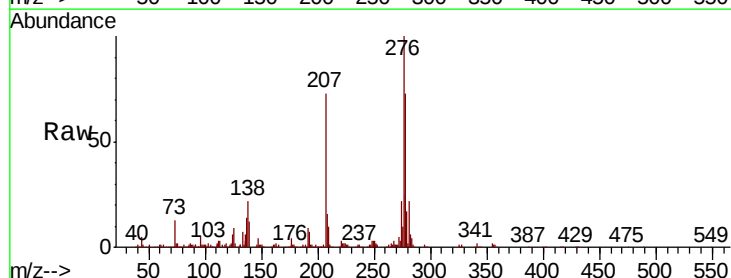
Tgt Ion:276 Resp: 700037

Ion Ratio Lower Upper

276 100

138 22.8 19.5 29.3

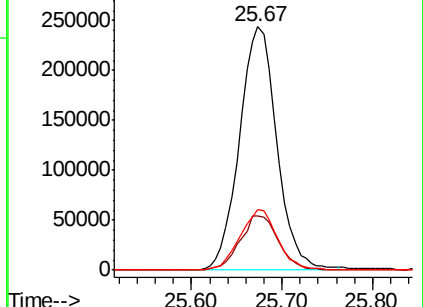
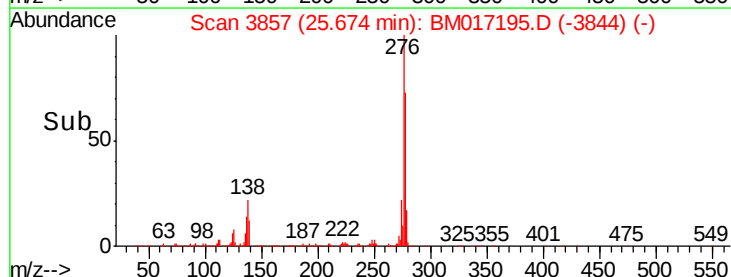
277 24.8 20.1 30.1

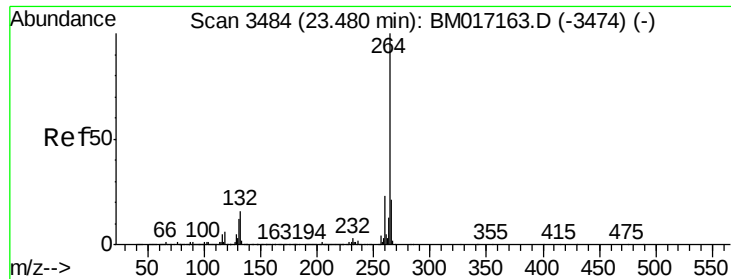


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM017195.D

Acq: 18 Oct 2018 16:25

Instrument :

BNA\_M

ClientSampled :

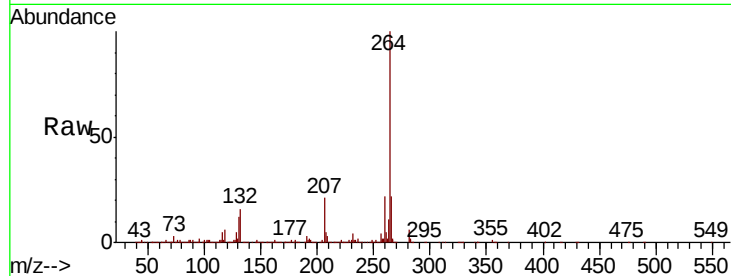
Tot Ion:264 Resp: 1622340

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

264 100

260 22.2 18.6 27.8

265 22.2 17.8 26.8

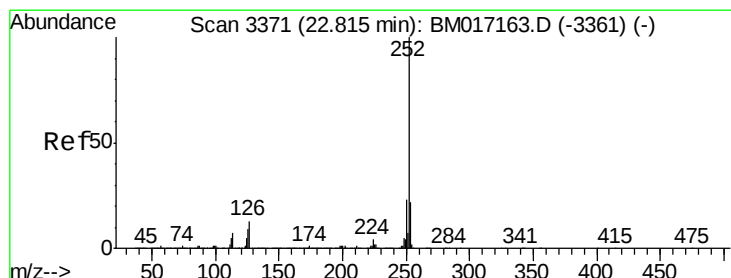
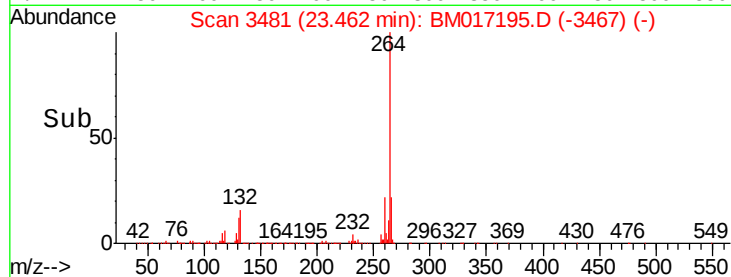
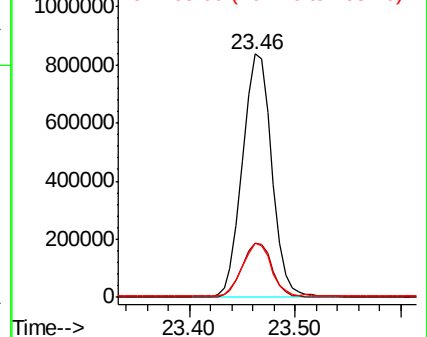


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 6.888 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

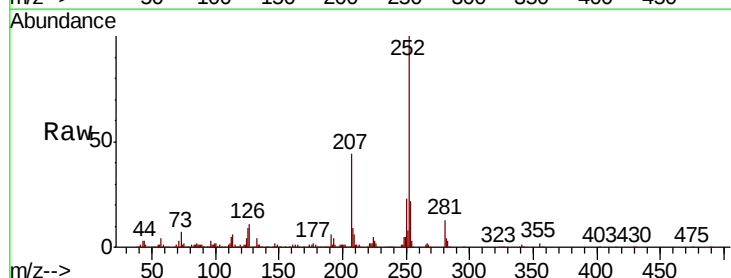
Tgt Ion:252 Resp: 610920

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.4  | 17.4  | 26.2  |
| 125 | 8.9   | 7.5   | 11.3  |

252 100

253 22.4 17.4 26.2

125 8.9 7.5 11.3

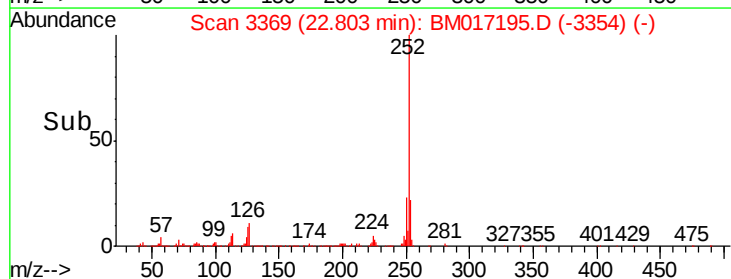
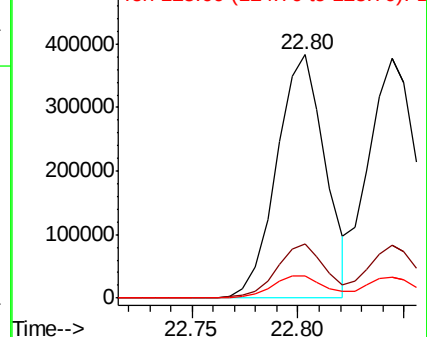


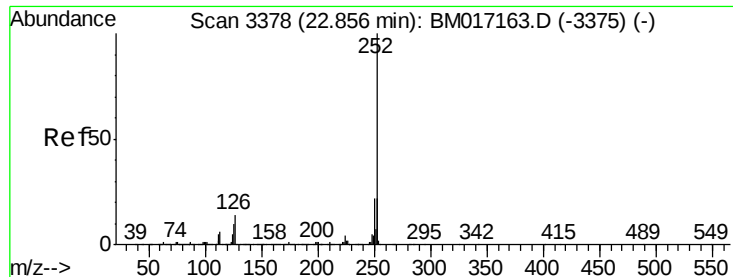
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

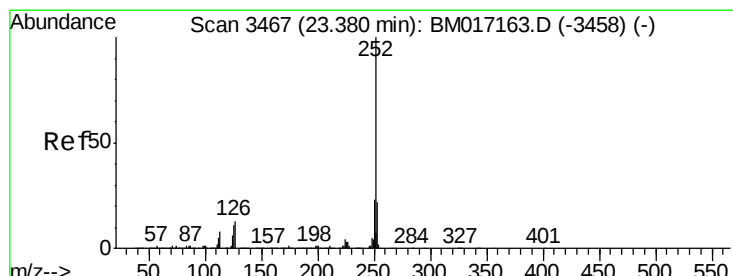
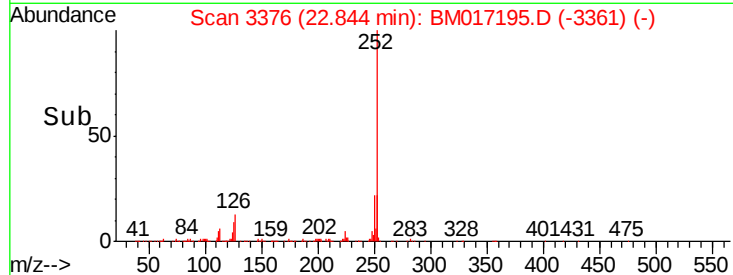
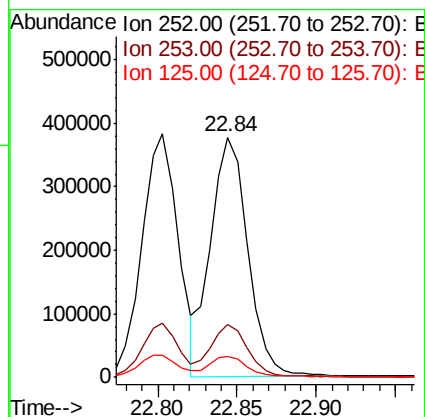
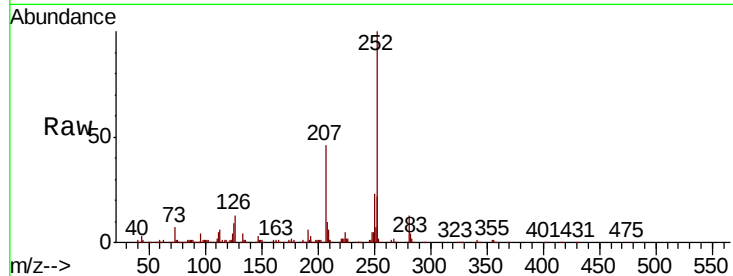




#89  
Benzo(k)fluoranthene  
Concen: 6.898 ng  
RT: 22.84 min Scan# 3376  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

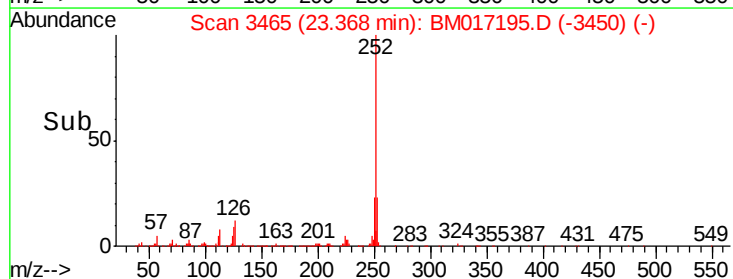
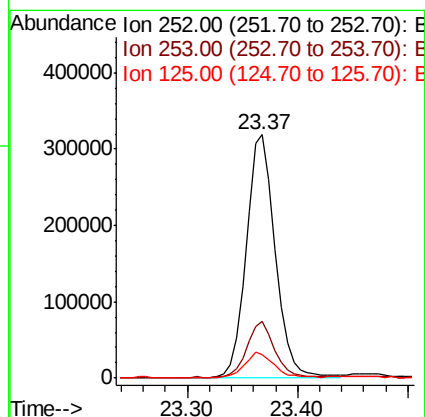
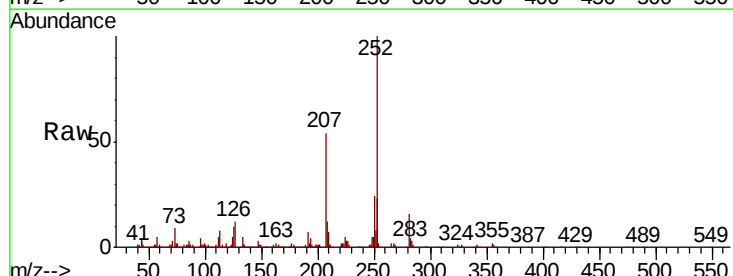
Instrument :  
BNA\_M  
ClientSampled :

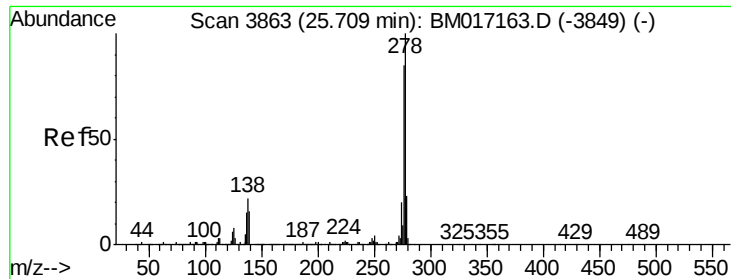
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.5  | 26.3  |
| 125     | 8.9   | 8.2   | 12.2  |



#90  
Benzo(a)pyrene  
Concen: 6.961 ng  
RT: 23.37 min Scan# 3465  
Delta R.T. -0.01 min  
Lab File: BM017195.D  
Acq: 18 Oct 2018 16:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.4  | 26.0  |
| 125     | 9.8   | 8.6   | 13.0  |





#91

Dibenzo(a,h)anthracene

Concen: 7.058 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

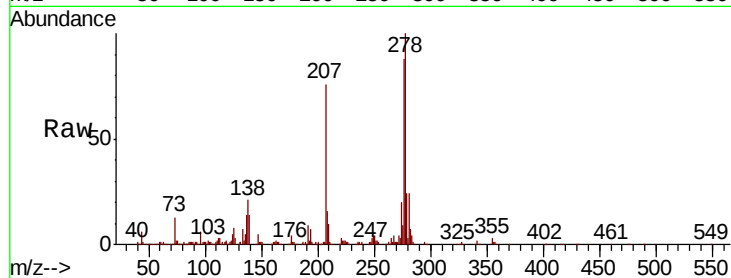
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:278 Resp: 590230

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 13.6  | 12.7  | 19.1  |
| 279 | 23.5  | 18.7  | 28.1  |

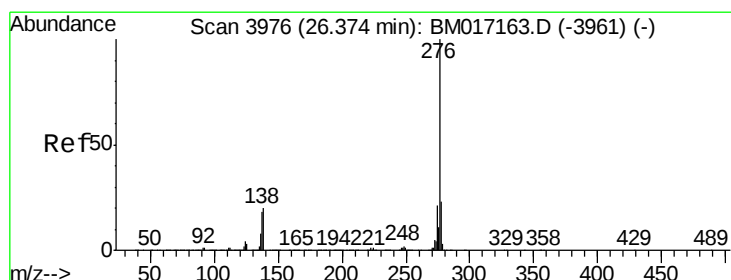
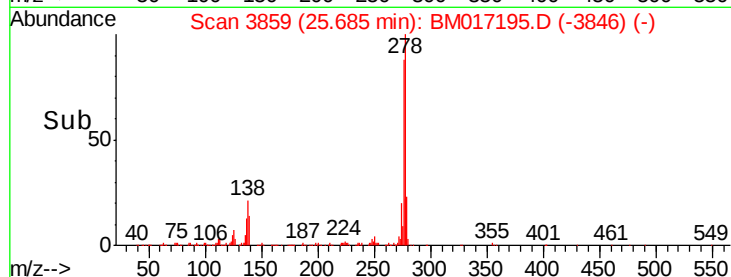
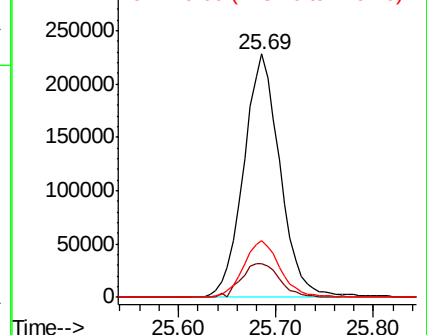


Abundance

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: 7.121 ng

RT: 26.34 min Scan# 3971

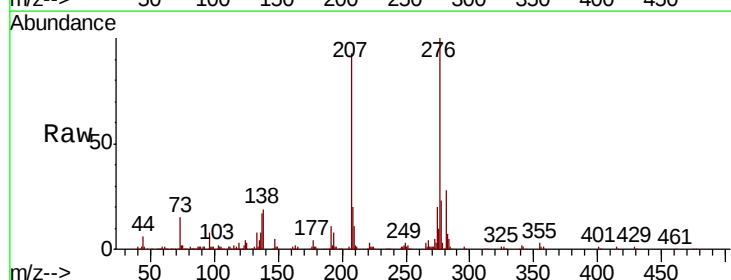
Delta R.T. -0.03 min

Lab File: BM017195.D

Acq: 18 Oct 2018 16:25

Tgt Ion:276 Resp: 590166

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 22.8  | 18.6  | 28.0  |
| 138 | 19.0  | 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

