

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\  
 Data File : BM018562.D  
 Acq On : 14 Jan 2019 21:34  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 14 23:31:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 10 05:57:41 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 163893   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.55 | 136  | 732986   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.40 | 164  | 446714   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.15 | 188  | 1085178  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.34 | 240  | 1313239  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.63 | 264  | 1527225  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.34  | 112 | 735859  | 82.91 | ng | -0.01 |
| 7) Phenol-d6             | 6.93  | 99  | 1065559 | 94.52 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.92  | 82  | 1042663 | 82.46 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 15.90 | 330 | 544896  | 95.80 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.02 | 172 | 2736706 | 79.94 | ng | 0.00  |
| 79) Terphenyl-d14        | 19.79 | 244 | 5000020 | 80.26 | ng | 0.00  |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 128515  | 35.525 | ng | 96     |
| 3) Pyridine                    | 3.68  | 79  | 397891  | 44.116 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.60  | 42  | 160015  | 42.905 | ng | # 93   |
| 6) Aniline                     | 7.09  | 93  | 617487  | 49.103 | ng | 97     |
| 8) 2-Chlorophenol              | 7.32  | 128 | 462847  | 44.649 | ng | 95     |
| 9) Benzaldehyde                | 6.91  | 77  | 276883  | 43.895 | ng | 97     |
| 10) Phenol                     | 6.95  | 94  | 530148  | 46.278 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.19  | 93  | 395941  | 43.987 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.64  | 146 | 504418  | 40.859 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.79  | 146 | 519238  | 41.497 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.10  | 146 | 504791  | 42.546 | ng | 99     |
| 15) Benzyl Alcohol             | 8.00  | 79  | 414235  | 50.874 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.29  | 45  | 494843  | 43.018 | ng | 94     |
| 17) 2-Methylphenol             | 8.19  | 107 | 379696  | 48.829 | ng | 99     |
| 18) Hexachloroethane           | 8.82  | 117 | 180862  | 40.539 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.56  | 70  | 352486  | 48.046 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.53  | 107 | 523859  | 48.801 | ng | 96     |
| 22) Acetophenone               | 8.58  | 105 | 751109  | 41.424 | ng | # 98   |
| 24) Nitrobenzene               | 8.96  | 77  | 510777  | 41.056 | ng | 97     |
| 25) Isophorone                 | 9.48  | 82  | 853664  | 44.586 | ng | 97     |
| 26) 2-Nitrophenol              | 9.67  | 139 | 287936  | 47.865 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 9.72  | 122 | 389692  | 43.219 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.96  | 93  | 550634  | 41.630 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.20 | 162 | 485829  | 45.249 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.40 | 180 | 533906  | 40.063 | ng | 98     |
| 31) Naphthalene                | 10.60 | 128 | 1453069 | 41.163 | ng | 99     |
| 32) Benzoic acid               | 9.86  | 122 | 270946  | 45.087 | ng | 91     |
| 33) 4-Chloroaniline            | 10.72 | 127 | 677627  | 48.742 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.86 | 225 | 327598  | 38.911 | ng | 99     |
| 35) Caprolactam                | 11.52 | 113 | 192297  | 52.679 | ng | # 85   |
| 36) 4-Chloro-3-methylphenol    | 11.84 | 107 | 534676  | 47.467 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.21 | 142 | 1065656 | 42.727 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.43 | 142 | 1035912 | 42.926 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.58 | 216 | 626348  | 40.096 | ng | 98     |

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

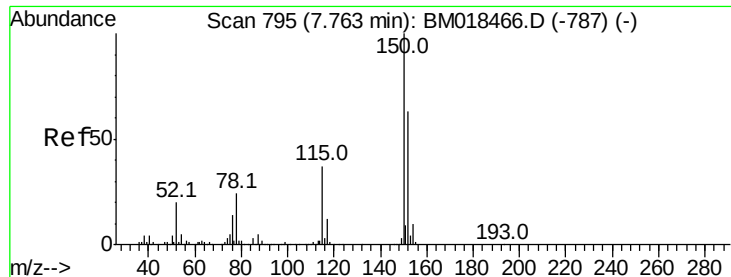
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 14 23:31:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 10 05:57:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.54 | 237  | 335880   | 39.177 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.83 | 196  | 424923   | 44.794 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.90 | 196  | 453902   | 45.496 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.23 | 154  | 1560171  | 39.999 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.27 | 162  | 1214237  | 40.145 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.49 | 65   | 344686   | 46.320 | ng    | 94       |
| 49) Acenaphthylene             | 14.13 | 152  | 1853623  | 42.052 | ng    | 100      |
| 50) Dimethylphthalate          | 13.86 | 163  | 1555669  | 42.403 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.99 | 165  | 348678   | 44.868 | ng    | 92       |
| 52) Acenaphthene               | 14.47 | 154  | 1118283  | 41.464 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.32 | 138  | 383335   | 48.928 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.53 | 184  | 204903   | 51.523 | ng    | 92       |
| 55) Dibenzofuran               | 14.80 | 168  | 1852809  | 41.578 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.64 | 139  | 327964   | 48.455 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.78 | 165  | 491772   | 44.725 | ng    | 98       |
| 58) Fluorene                   | 15.45 | 166  | 1420816  | 42.801 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.03 | 232  | 403752   | 45.657 | ng    | 98       |
| 60) Diethylphthalate           | 15.23 | 149  | 1610945  | 43.496 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.45 | 204  | 801714   | 41.903 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.49 | 138  | 414546   | 48.509 | ng    | 99       |
| 63) Azobenzene                 | 15.74 | 77   | 1294239  | 42.861 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.54 | 198  | 295634   | 43.332 | ng    | 86       |
| 66) n-Nitrosodiphenylamine     | 15.67 | 169  | 1371276  | 40.737 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.34 | 248  | 489645   | 40.321 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.44 | 284  | 550986   | 40.529 | ng    | 99       |
| 69) Atrazine                   | 16.62 | 200  | 533786   | 43.863 | ng    | 96       |
| 70) Pentachlorophenol          | 16.80 | 266  | 414433   | 46.547 | ng    | 98       |
| 71) Phenanthrene               | 17.20 | 178  | 2371445  | 41.085 | ng    | 100      |
| 72) Anthracene                 | 17.29 | 178  | 2354815  | 42.426 | ng    | 99       |
| 73) Carbazole                  | 17.56 | 167  | 2485198  | 43.581 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.12 | 149  | 2845397  | 45.553 | ng    | 100      |
| 75) Fluoranthene               | 19.22 | 202  | 2905993  | 43.668 | ng    | 98       |
| 77) Benzidine                  | 19.41 | 184  | 1381647  | 42.610 | ng    | 99       |
| 78) Pyrene                     | 19.58 | 202  | 3083553  | 39.613 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.48 | 149  | 1440243  | 43.360 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.33 | 228  | 3236577  | 41.835 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.27 | 252  | 1331582  | 45.516 | ng    | 99       |
| 83) Chrysene                   | 21.38 | 228  | 3108942  | 41.615 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.25 | 149  | 2076260  | 43.288 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.14 | 149  | 3709084  | 45.978 | ng    | # 95     |
| 86) Indeno(1,2,3-cd)pyrene     | 25.95 | 276  | 4534765  | 52.641 | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 22.98 | 252  | 3298684  | 38.045 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 22.98 | 252  | 3517259  | 40.253 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.53 | 252  | 3434237  | 41.373 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.96 | 278  | 3816785  | 45.380 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.66 | 276  | 3798192  | 46.406 | ng    | 97       |

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



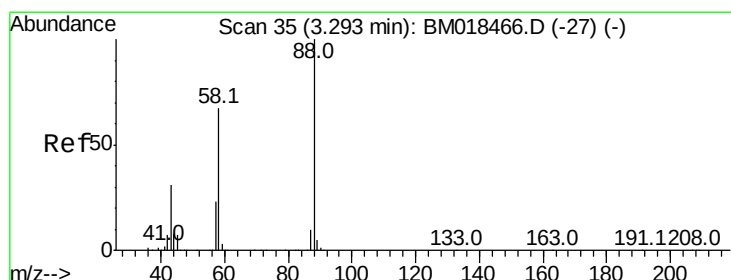
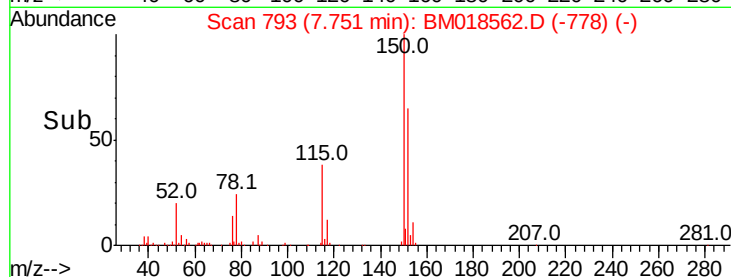
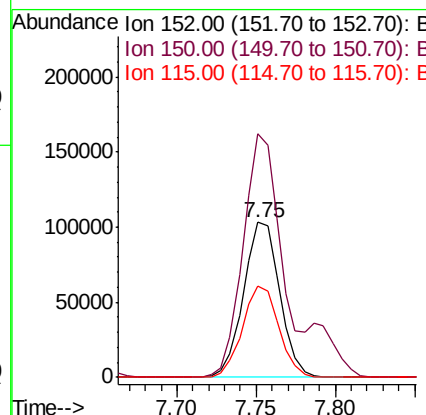
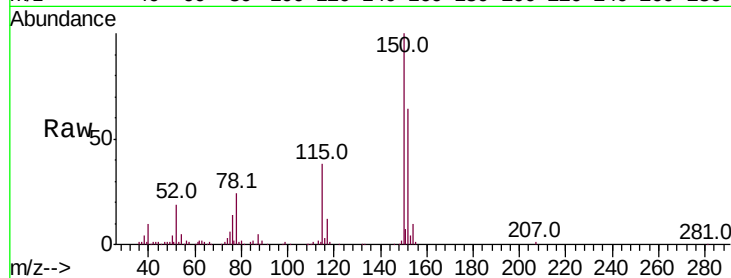


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.75 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Instrument :  
BNA\_M  
ClientSampleId :

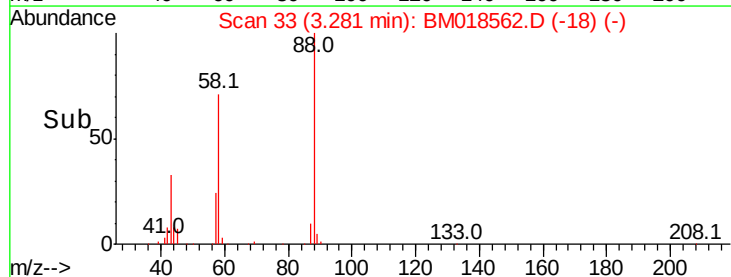
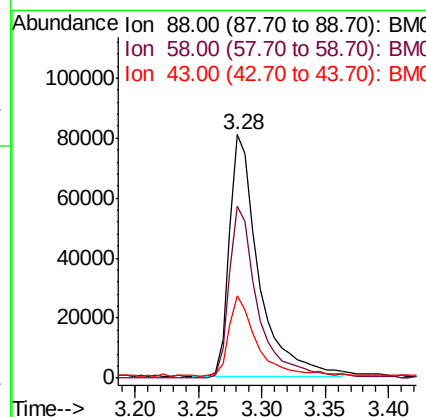
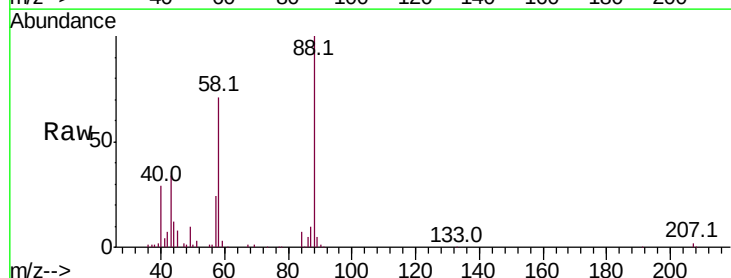
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.0 | 126.9 | 190.3 |
| 115     | 59.2  | 45.5  | 68.3  |

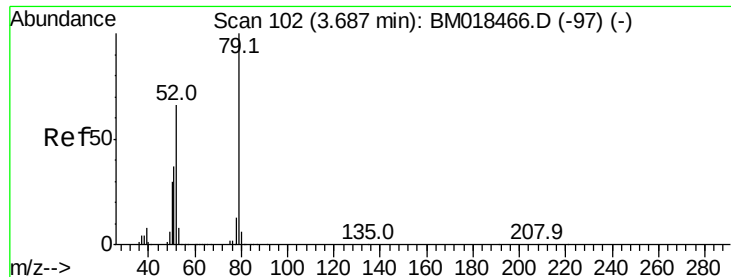


#2

1,4-Dioxane  
Concen: 35.525 ng  
RT: 3.28 min Scan# 33  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.0  | 58.4  | 87.6  |
| 43      | 31.3  | 26.2  | 39.4  |





#3

Pvridine

Concen: 44.116 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampled :

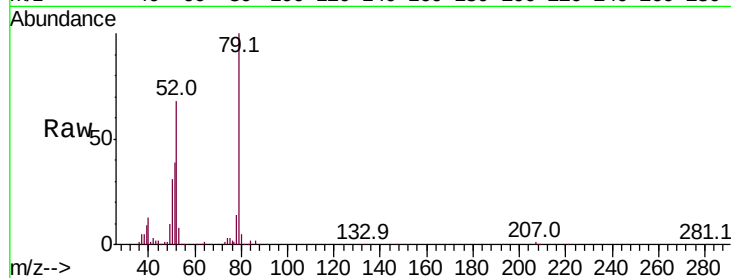
Tot Ion: 79 Resp: 397891

Ion Ratio Lower Upper

79 100

52 68.4 56.4 84.6

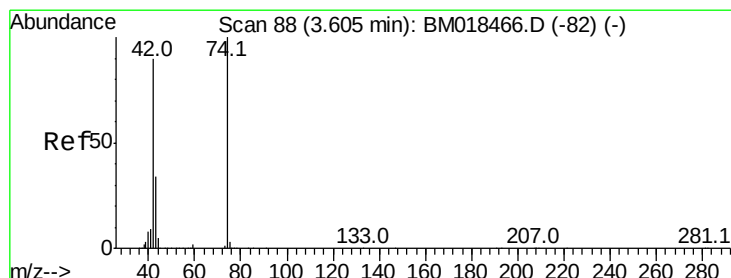
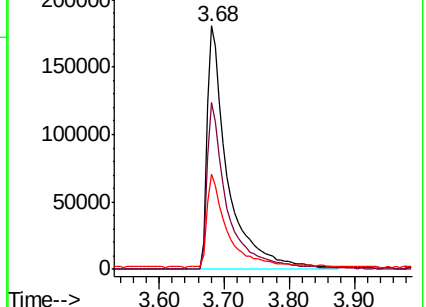
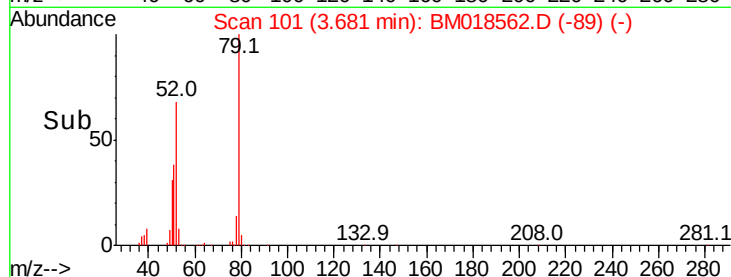
51 39.1 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 42.905 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

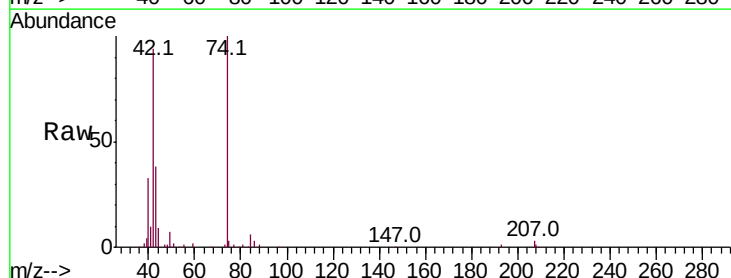
Tgt Ion: 42 Resp: 160015

Ion Ratio Lower Upper

42 100

74 106.6 88.6 132.8

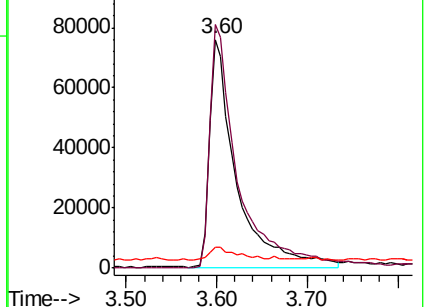
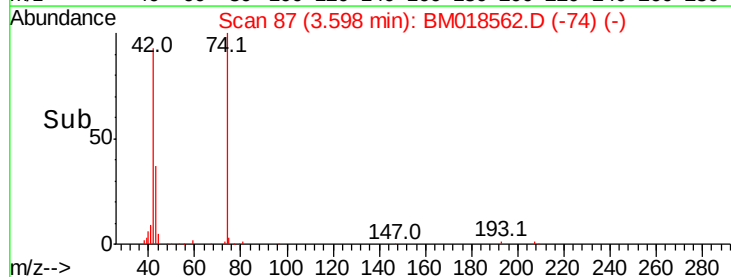
44 9.4 16.9 25.3#

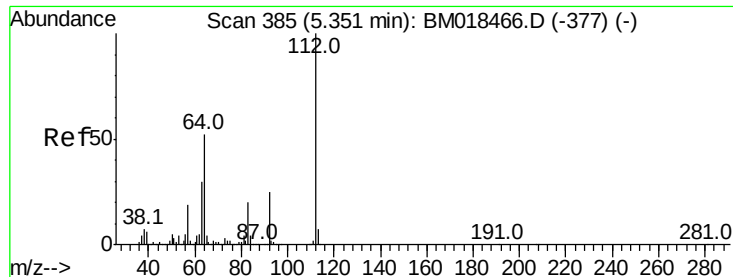


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)





#5

2-Fluorophenol

Concen: 82.905 ng

RT: 5.34 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

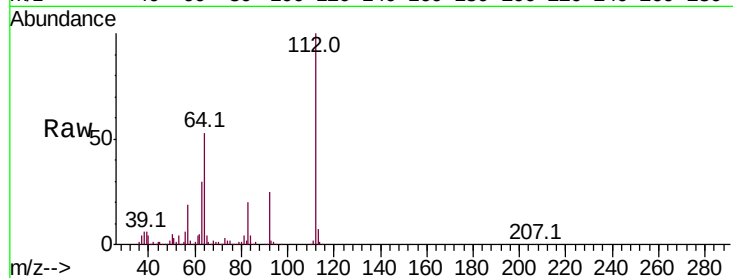
Tot Ion:112 Resp: 735859

Ion Ratio Lower Upper

112 100

64 53.2 46.5 69.7

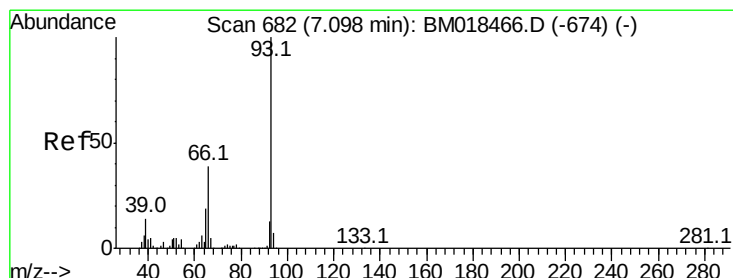
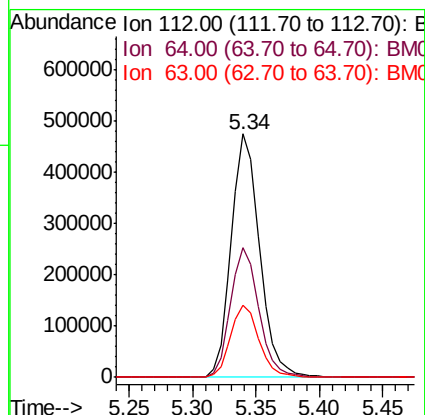
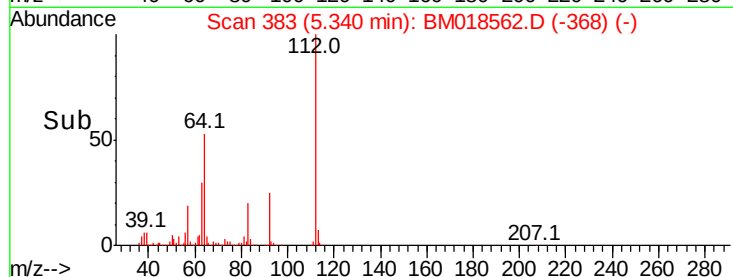
63 29.8 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 49.103 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

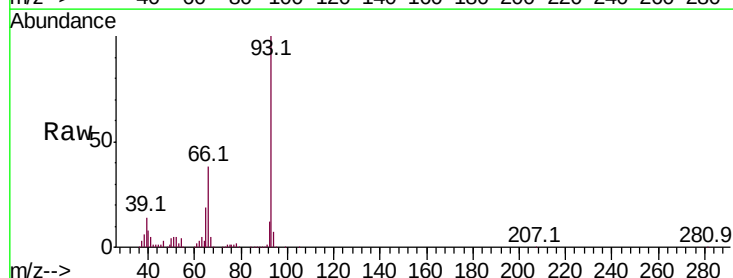
Tgt Ion: 93 Resp: 617487

Ion Ratio Lower Upper

93 100

66 37.9 31.7 47.5

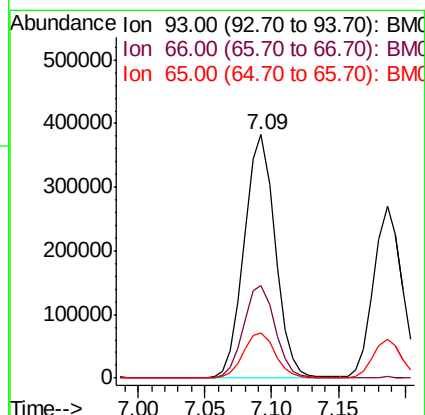
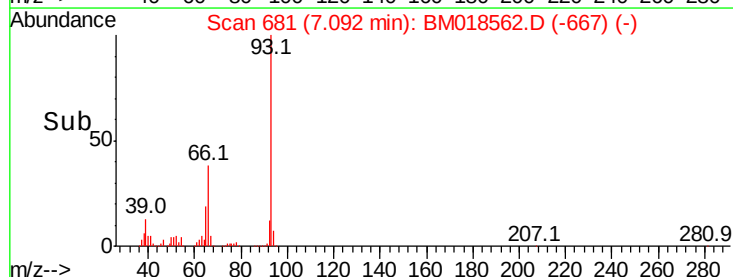
65 18.7 15.9 23.9

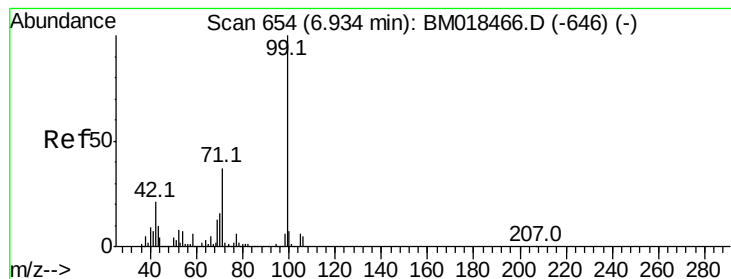


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 94.519 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

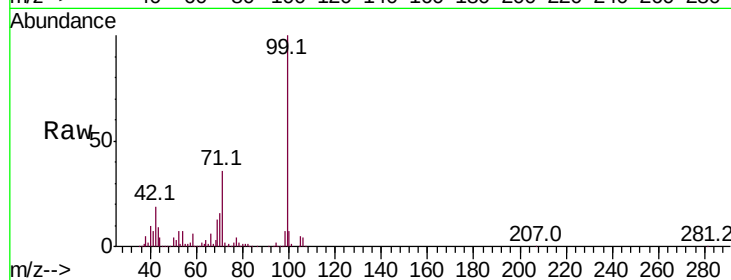
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 99 Resp: 1065559

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.3  | 17.3  | 25.9  |
| 71  | 35.8  | 28.0  | 42.0  |

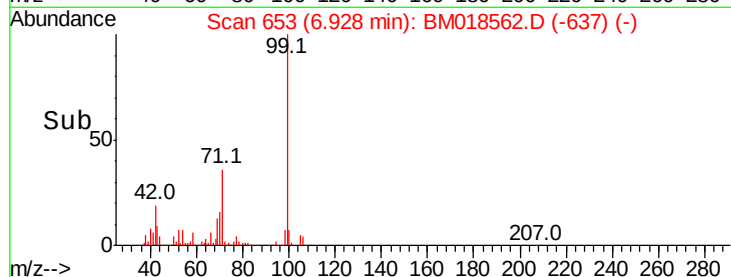


Abundance

Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)

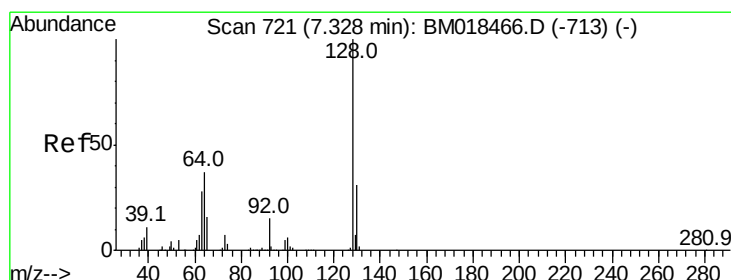


Abundance

Ion 99.00 (98.70 to 99.70): BM018562.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018562.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018562.D (-637) (-)



#8

2-Chlorophenol

Concen: 44.649 ng

RT: 7.32 min Scan# 720

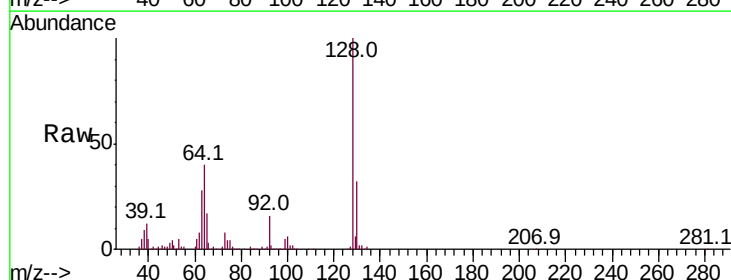
Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Tgt Ion: 128 Resp: 462847

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.4  | 13.6  | 53.6  |
| 64  | 40.3  | 24.8  | 64.8  |

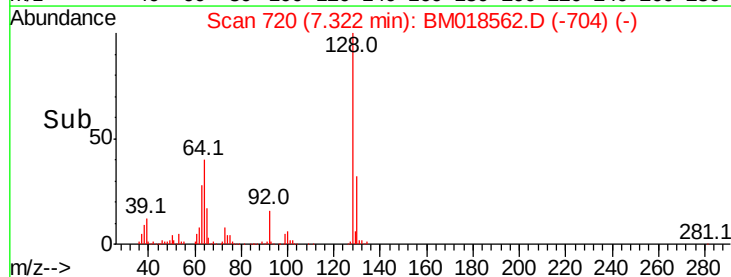


Abundance

Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)



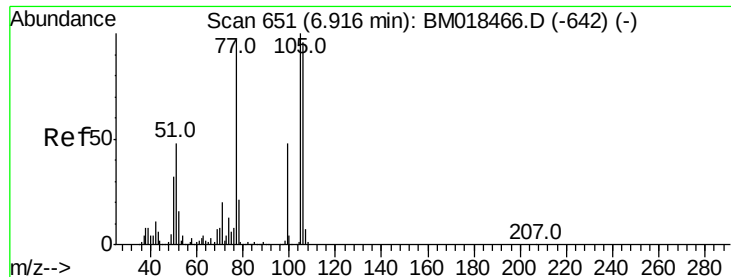
Abundance

Ion 128.00 (127.70 to 128.70): BM018562.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BM018562.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM018562.D (-704) (-)





#9

Benzaldehyde

Concen: 43.895 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

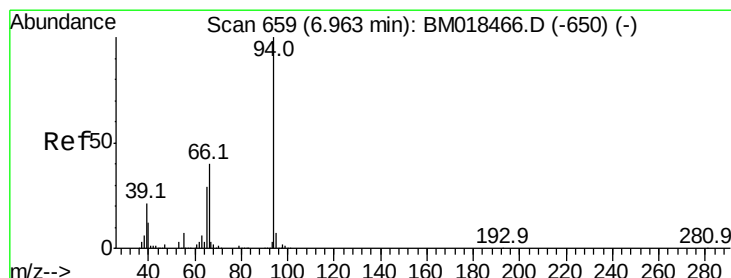
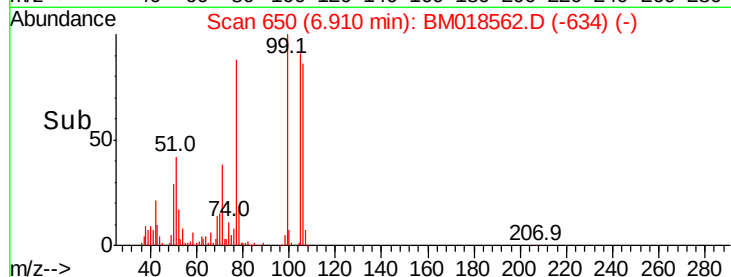
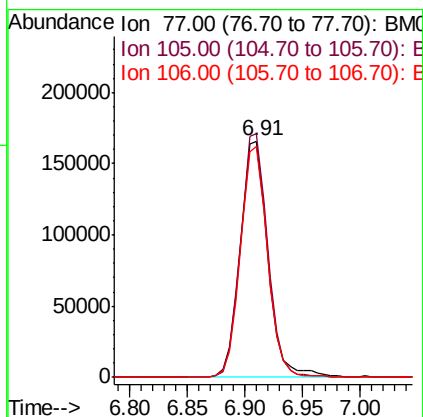
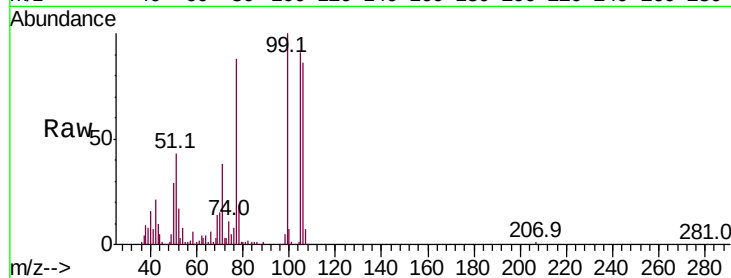
Tot Ion: 77 Resp: 276883

Ion Ratio Lower Upper

77 100

105 103.2 79.7 119.7

106 97.7 75.2 115.2



#10

Phenol

Concen: 46.278 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

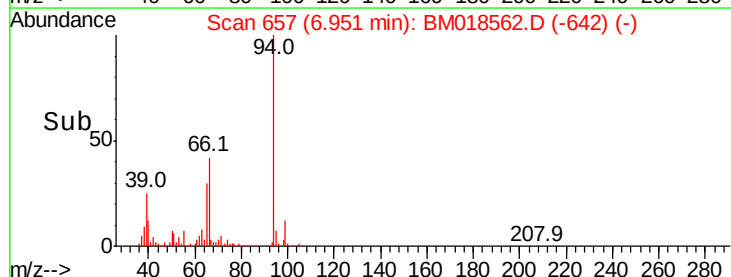
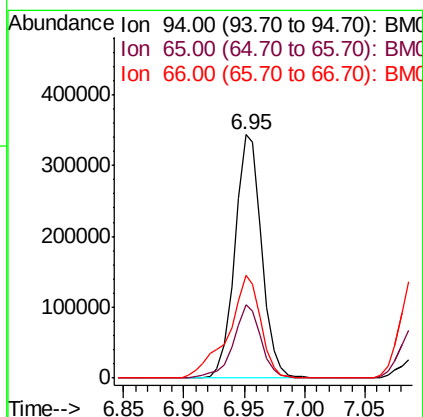
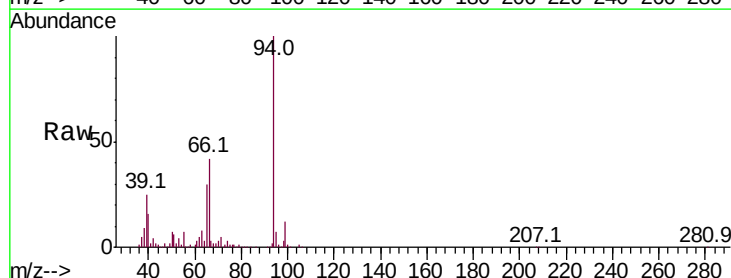
Tgt Ion: 94 Resp: 530148

Ion Ratio Lower Upper

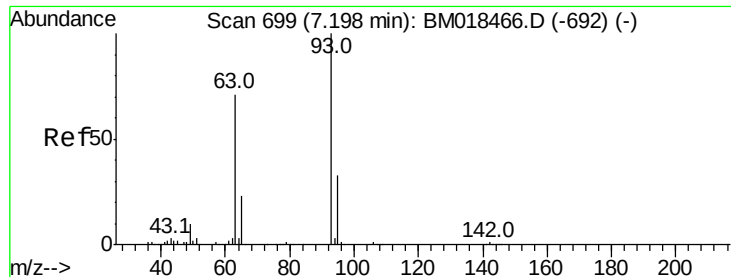
94 100

65 30.2 9.4 49.4

66 42.0 19.1 59.1



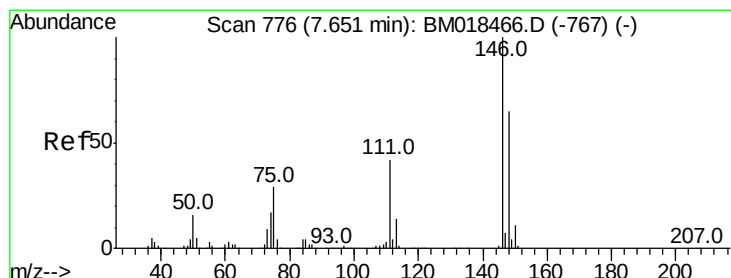
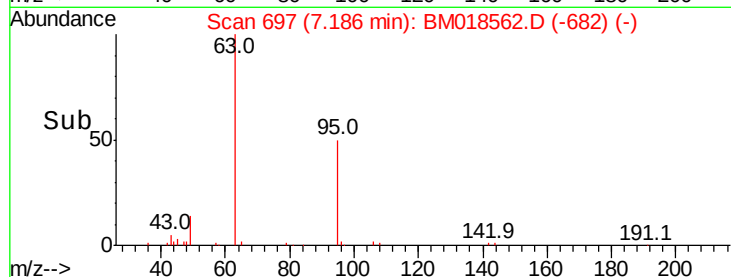
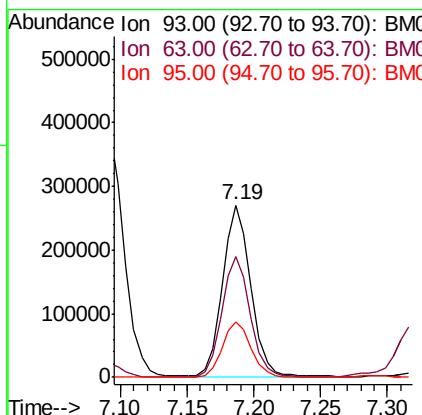
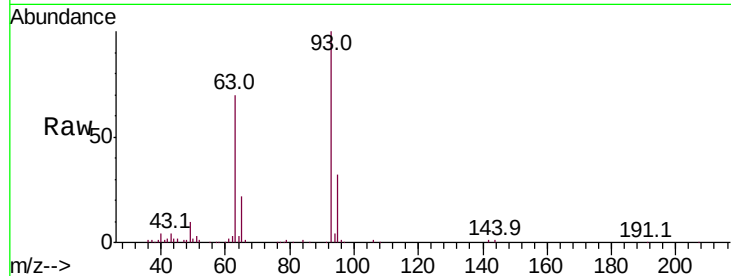




#11  
bis(2-Chloroethyl)ether  
Concen: 43.987 ng  
RT: 7.19 min Scan# 697  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

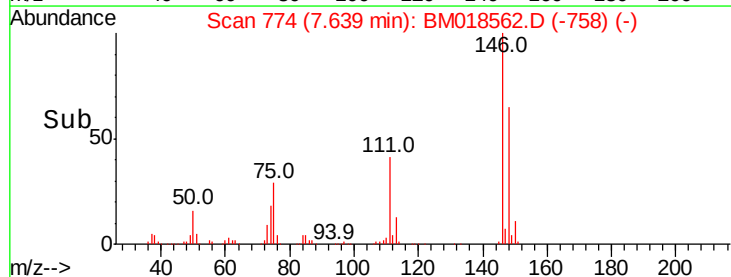
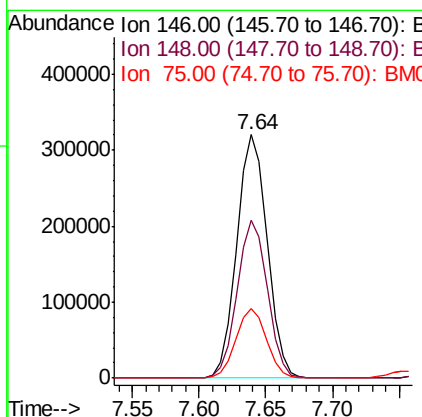
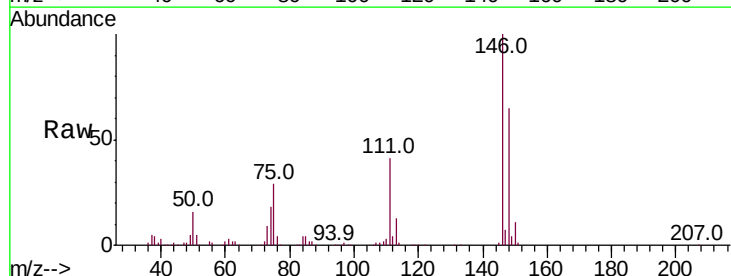
Instrument :  
BNA\_M  
ClientSampled :

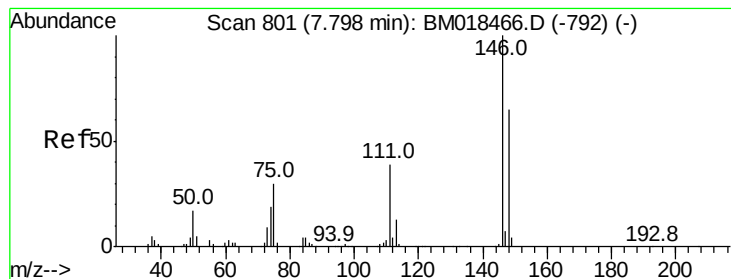
Tot Ion: 93 Resp: 395941  
Ion Ratio Lower Upper  
93 100  
63 69.9 56.4 96.4  
95 32.0 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 40.859 ng  
RT: 7.64 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Tgt Ion: 146 Resp: 504418  
Ion Ratio Lower Upper  
146 100  
148 64.7 50.5 75.7  
75 28.8 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 41.497 ng

RT: 7.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

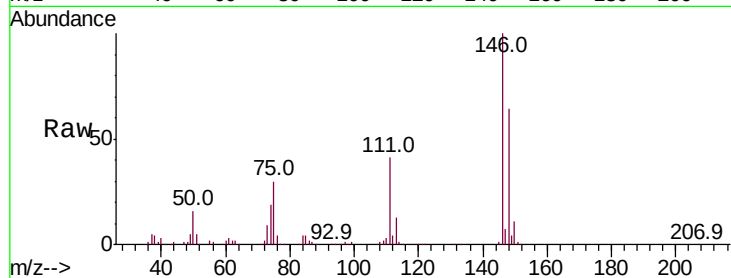
Tot Ion:146 Resp: 519238

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

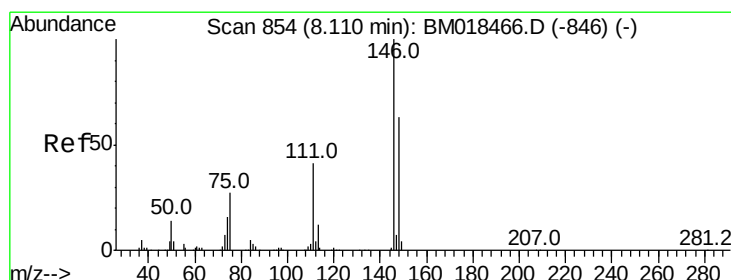
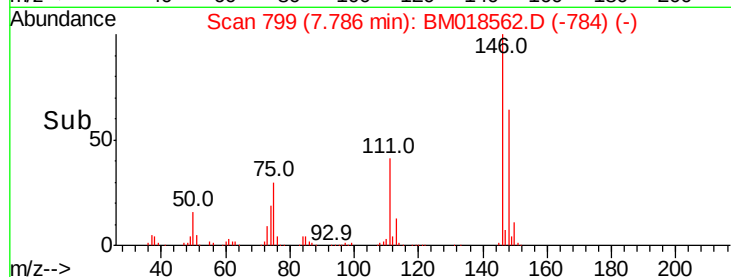
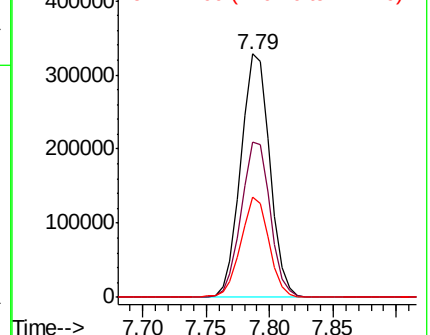
111 41.0 32.2 48.2



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: 42.546 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

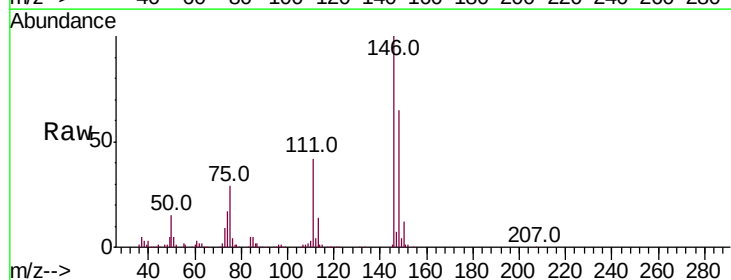
Tgt Ion:146 Resp: 504791

Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.6

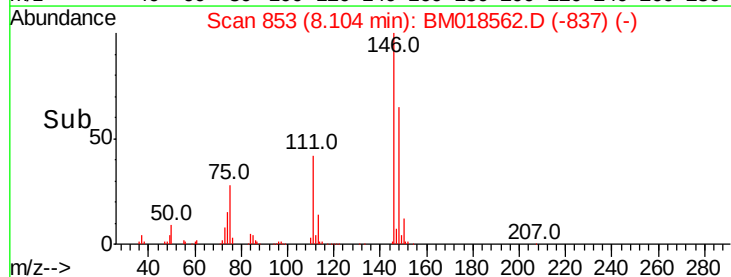
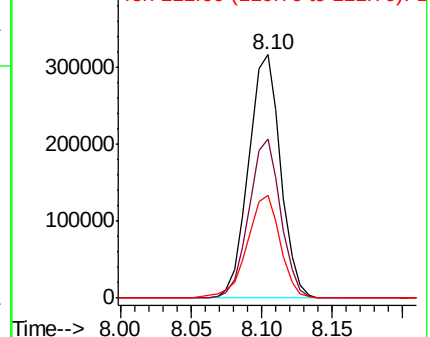
111 42.0 33.8 50.6

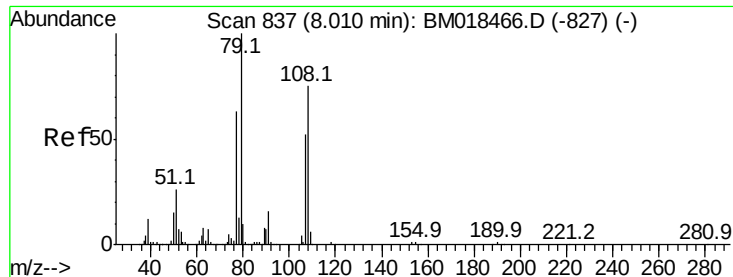


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.874 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

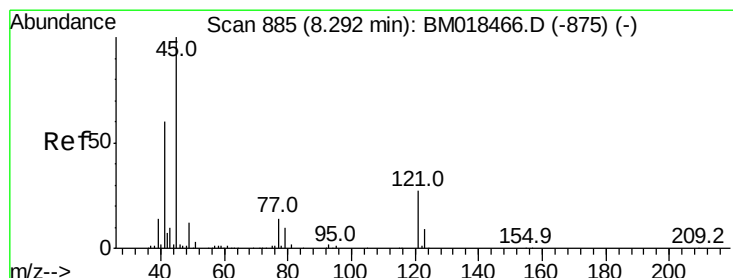
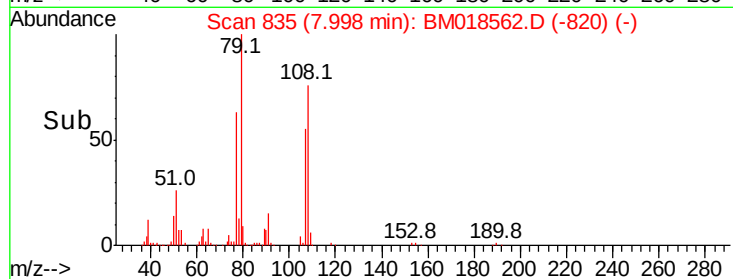
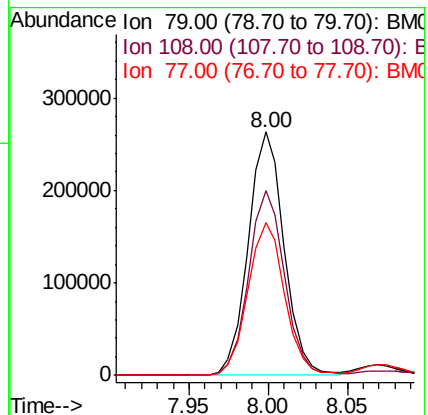
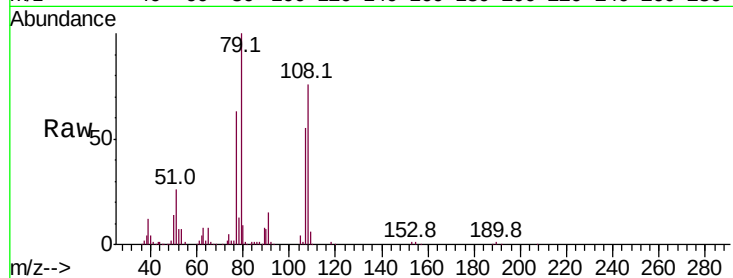
Tot Ion: 79 Resp: 414235

Ion Ratio Lower Upper

79 100

108 76.0 60.4 90.6

77 63.0 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.018 ng

RT: 8.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

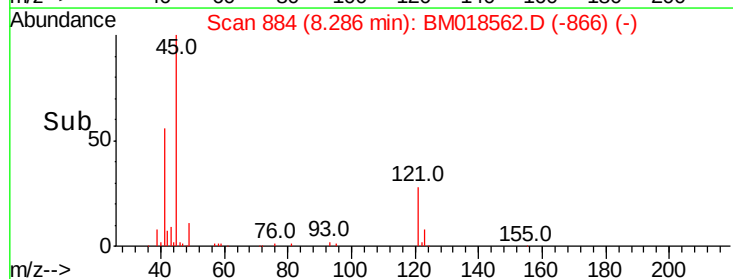
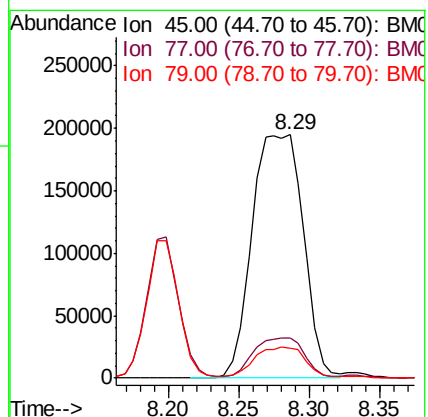
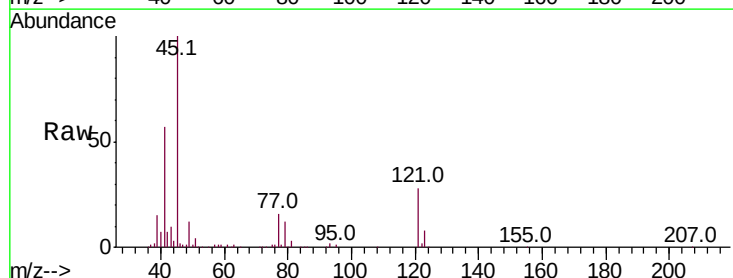
Tgt Ion: 45 Resp: 494843

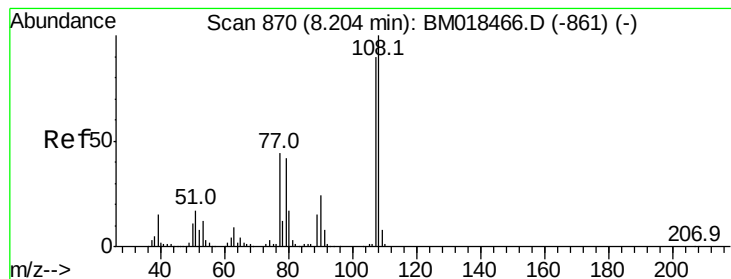
Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.4

79 12.5 0.0 31.1

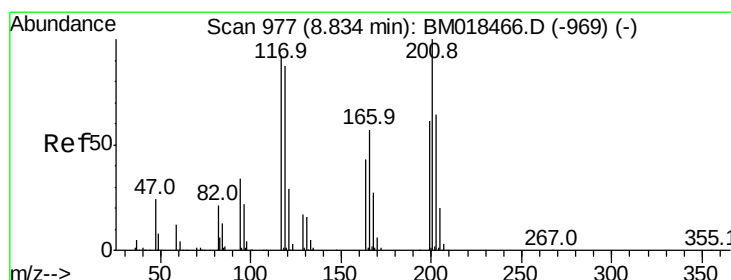
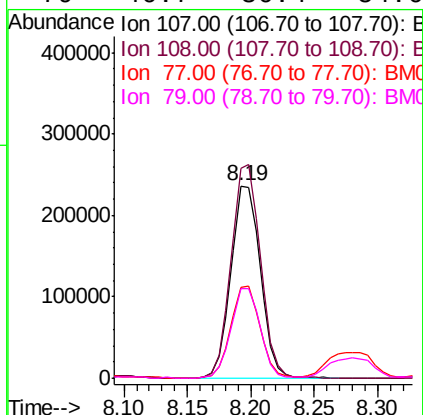
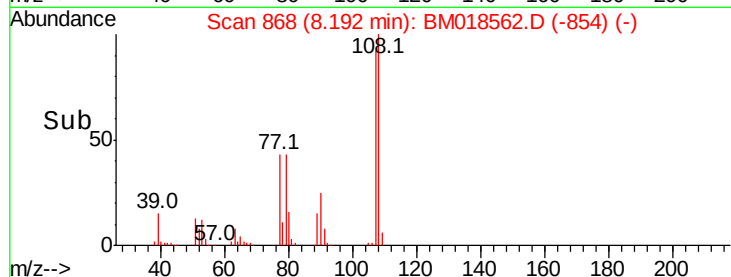
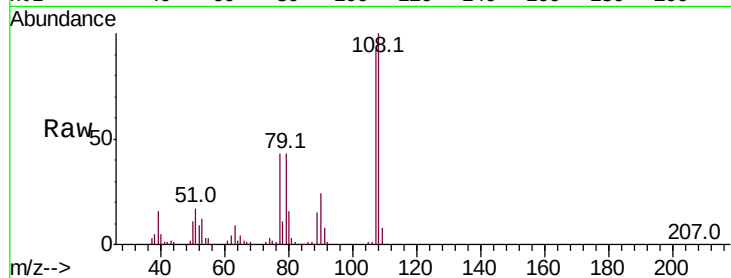




#17  
2-Methylphenol  
Concen: 48.829 ng  
RT: 8.19 min Scan# 868  
Delta R.T. -0.02 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

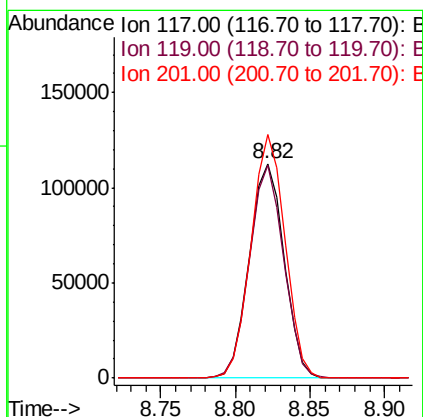
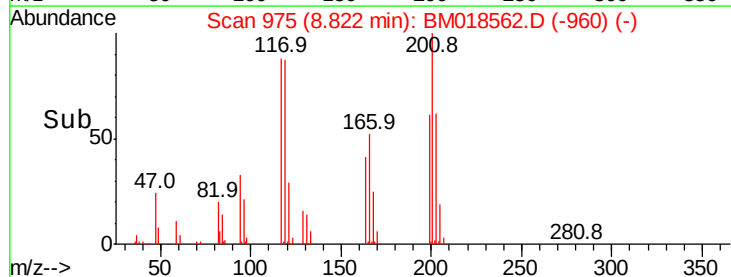
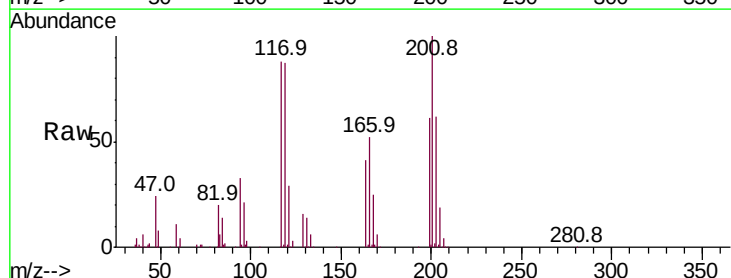
Instrument :  
BNA\_M  
ClientSampled :

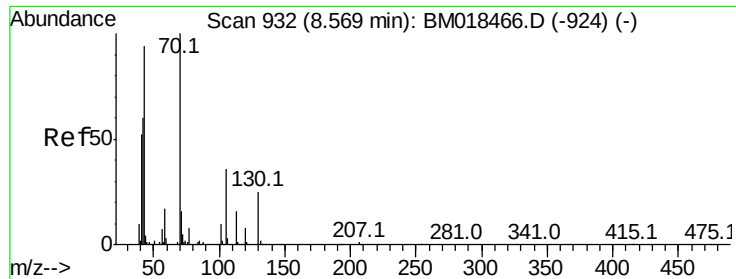
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 108.9 | 87.5  | 131.3 |
| 77      | 47.0  | 37.3  | 55.9  |
| 79      | 46.7  | 36.4  | 54.6  |



#18  
Hexachloroethane  
Concen: 40.539 ng  
RT: 8.82 min Scan# 975  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.2  | 78.3  | 117.5 |
| 201     | 113.7 | 81.4  | 122.0 |

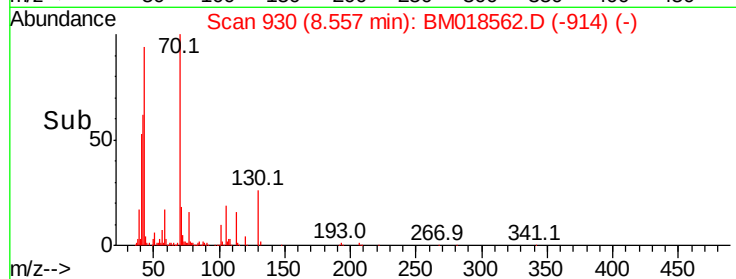
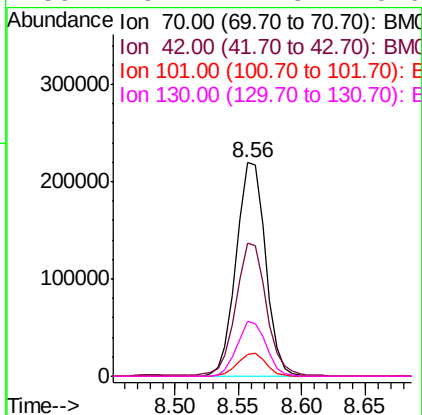
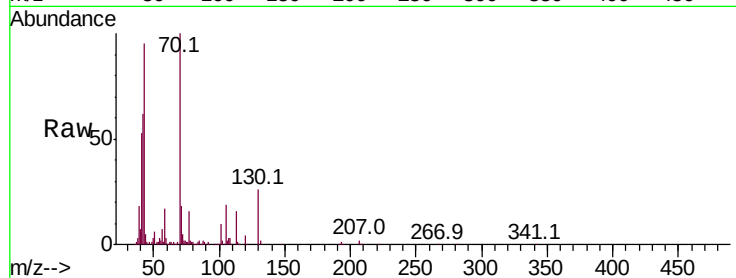




#19  
n-Nitroso-di-n-propylamine  
Concen: 48.046 ng  
RT: 8.56 min Scan# 930  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

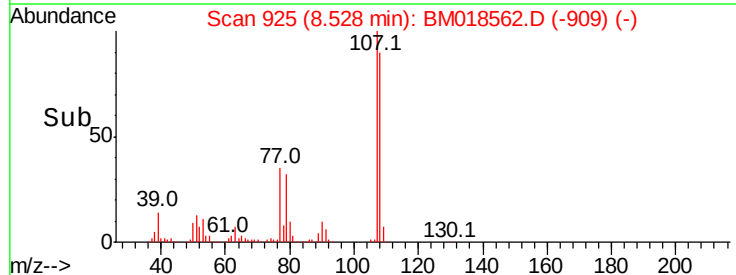
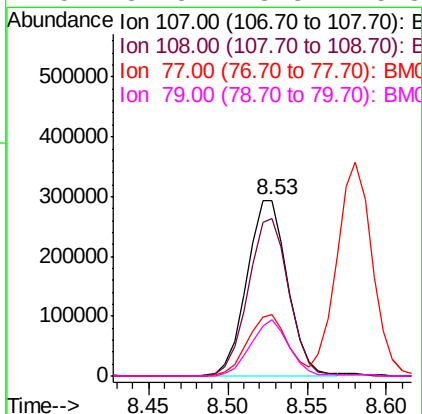
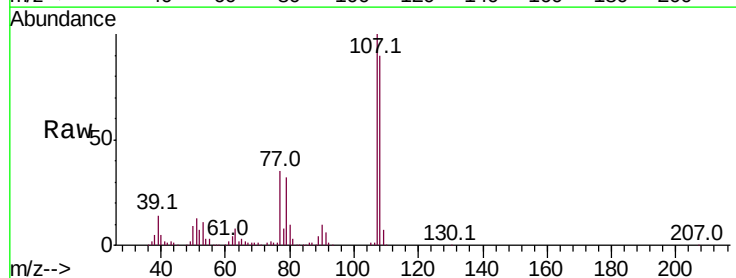
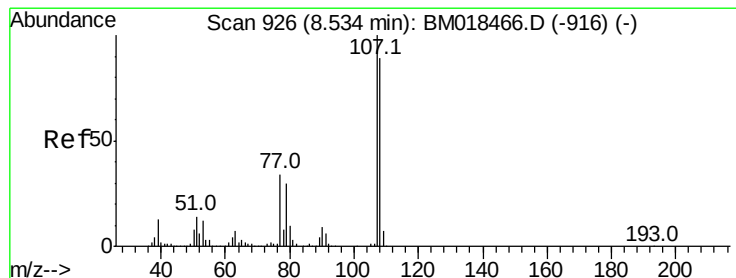
Instrument :  
BNA\_M  
ClientSampleId :

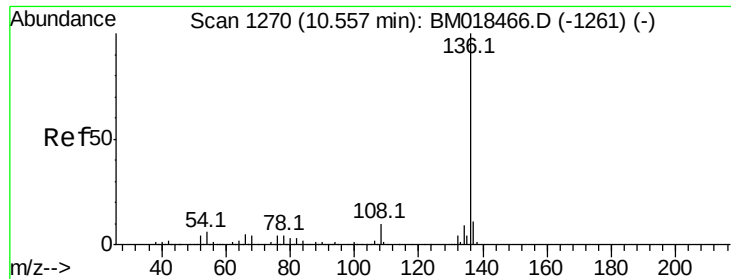
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 352486 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 62.3  | 54.0  | 81.0   |
| 101      | 10.3  | 8.1   | 12.1   |
| 130      | 25.7  | 17.8  | 26.6   |



#20  
3+4-Methylphenols  
Concen: 48.801 ng  
RT: 8.53 min Scan# 925  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 523859 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.8  | 66.8  | 106.8  |
| 77       | 34.8  | 13.3  | 53.3   |
| 79       | 32.3  | 8.8   | 48.8   |

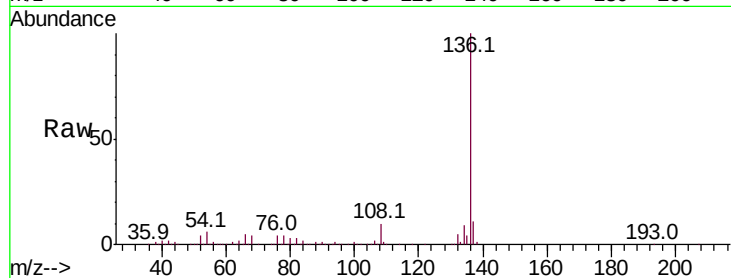




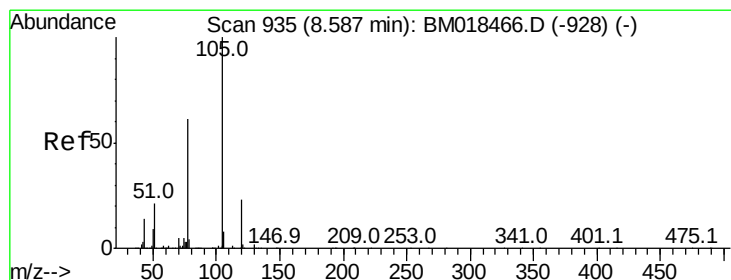
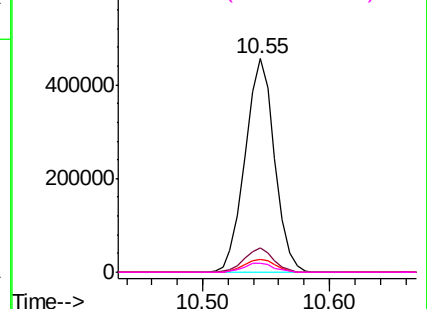
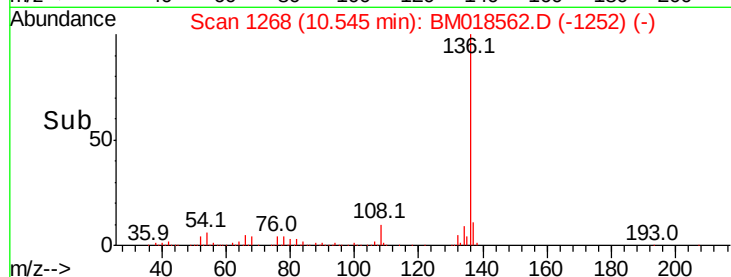
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.55 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 732986 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 8.5   | 12.7   |
| 54       | 6.3   | 6.0   | 9.0    |
| 68       | 4.5   | 4.5   | 6.7    |

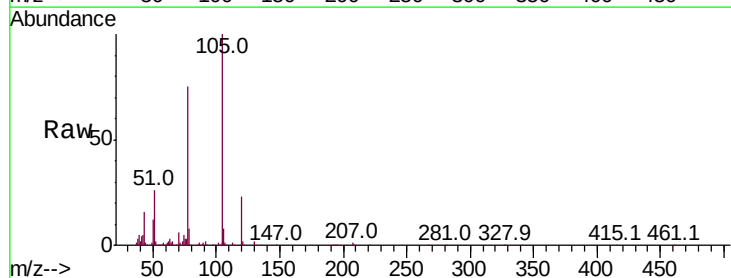


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

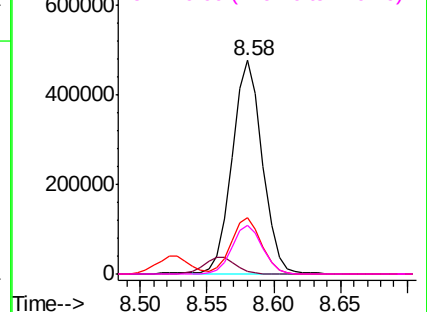
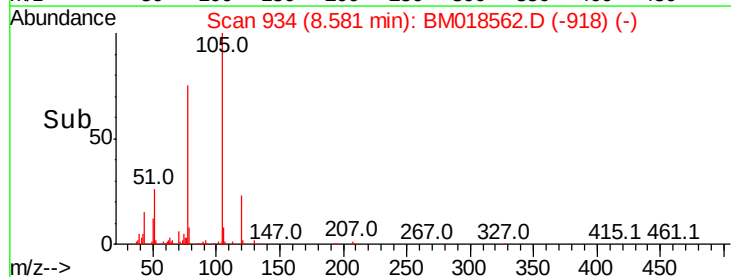


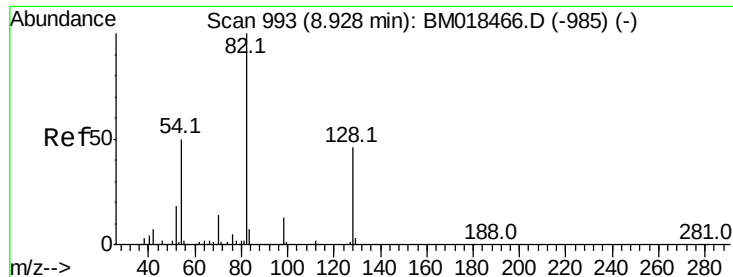
#22  
Acetophenone  
Concen: 41.424 ng  
RT: 8.58 min Scan# 934  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 751109 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.0   | 1.7   | 2.5#   |
| 51       | 26.2  | 22.6  | 34.0   |
| 120      | 22.8  | 18.3  | 27.5   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0  
Ion 120.00 (119.70 to 120.70): E



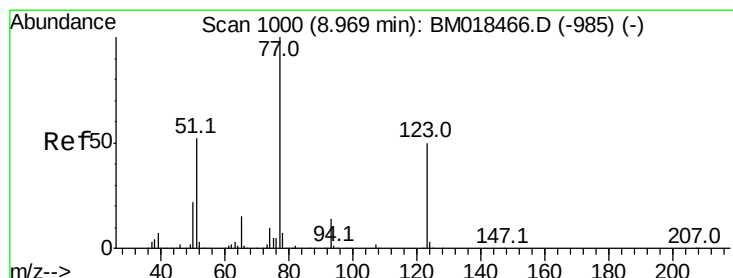
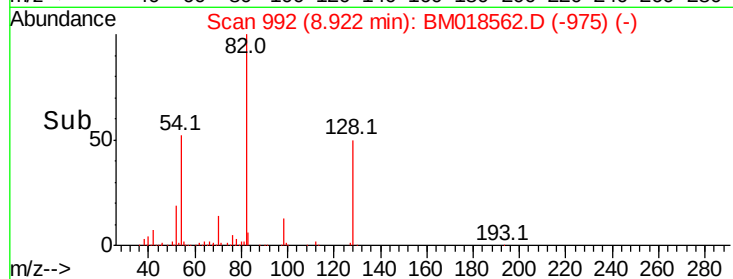
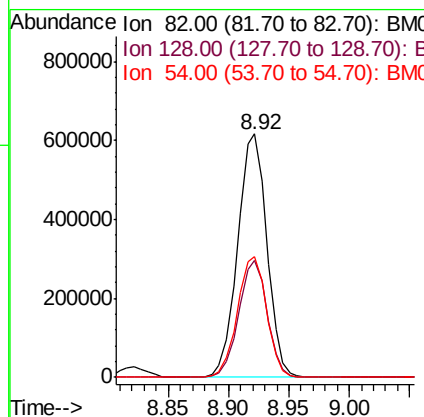
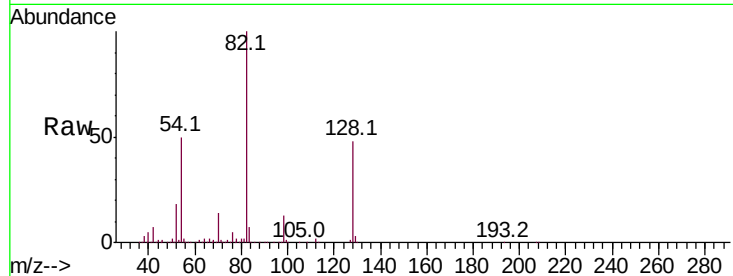


#23  
 Nitrobenzene-d5  
 Concen: 82.463 ng  
 RT: 8.92 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion: 82 Resp: 1042663  

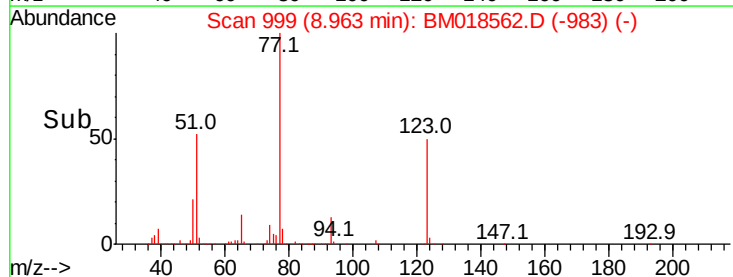
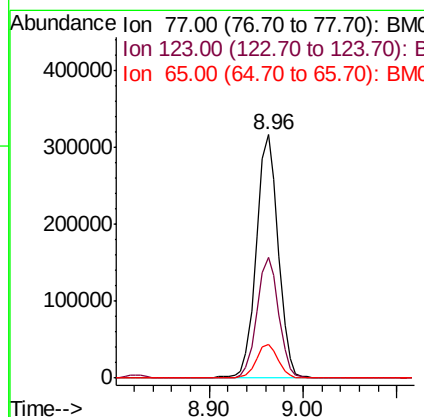
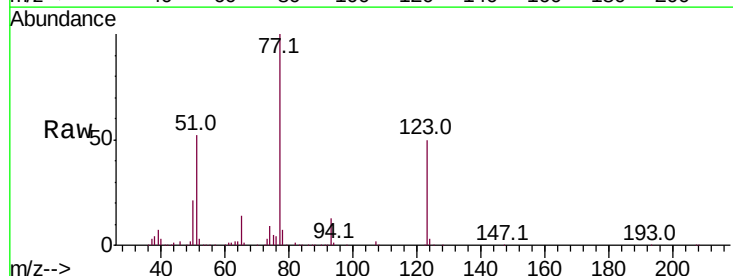
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.0  | 36.3  | 54.5  |
| 54  | 49.7  | 41.7  | 62.5  |



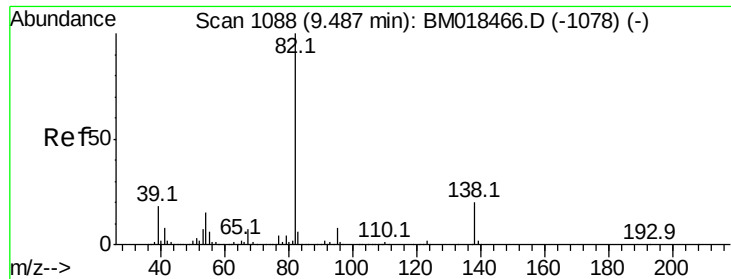
#24  
 Nitrobenzene  
 Concen: 41.056 ng  
 RT: 8.96 min Scan# 999  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

Tgt Ion: 77 Resp: 510777  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 49.6  | 37.7  | 56.5  |
| 65  | 13.7  | 11.0  | 16.6  |



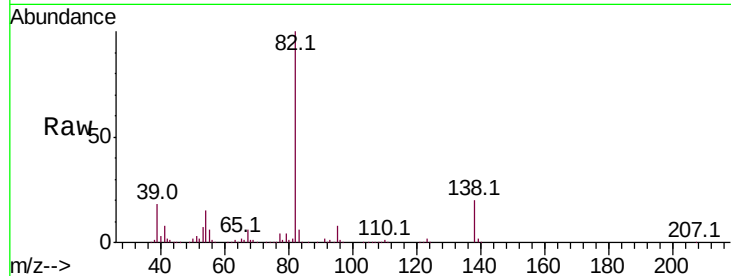




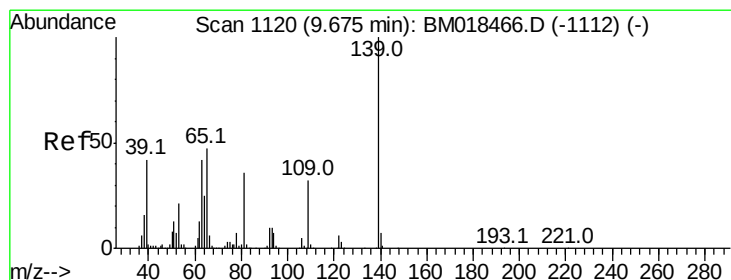
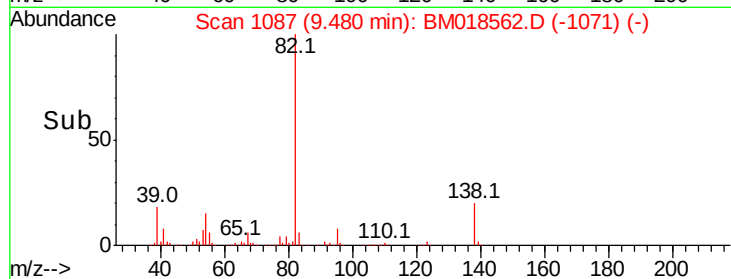
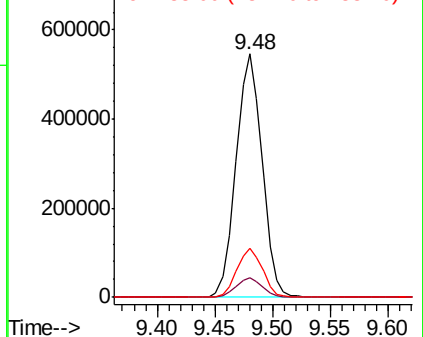
#25  
Isophorone  
Concen: 44.586 ng  
RT: 9.48 min Scan# 1087  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 82 Resp: 853664  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.1 9.1  
138 20.4 15.1 22.7

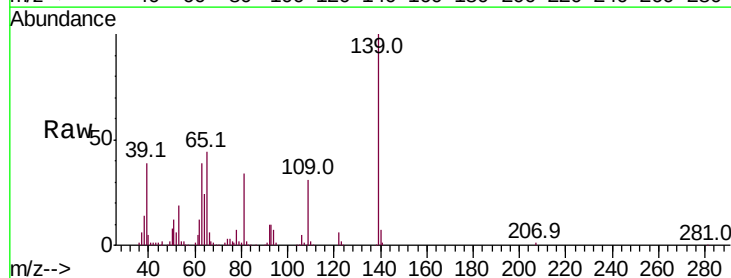


Abundance Ion 82.00 (81.70 to 82.70): BM0  
Ion 95.00 (94.70 to 95.70): BM0  
Ion 138.00 (137.70 to 138.70): BM0

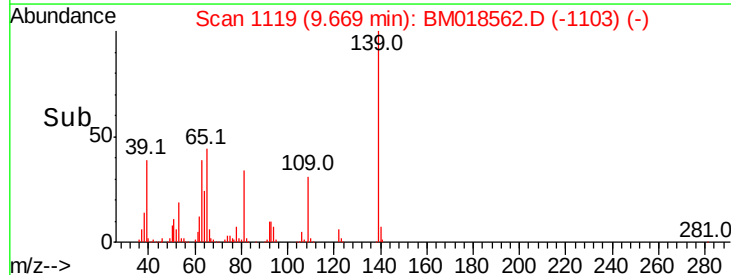
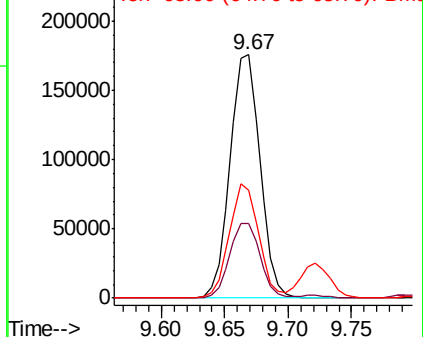


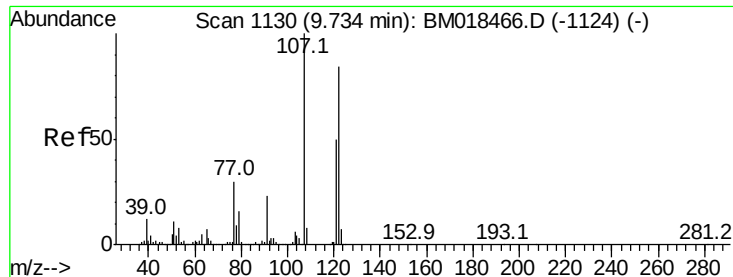
#26  
2-Nitrophenol  
Concen: 47.865 ng  
RT: 9.67 min Scan# 1119  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Tgt Ion: 139 Resp: 287936  
Ion Ratio Lower Upper  
139 100  
109 30.9 23.4 35.2  
65 44.4 39.4 59.2



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BM0





#27

2,4-Dimethylphenol

Concen: 43.219 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

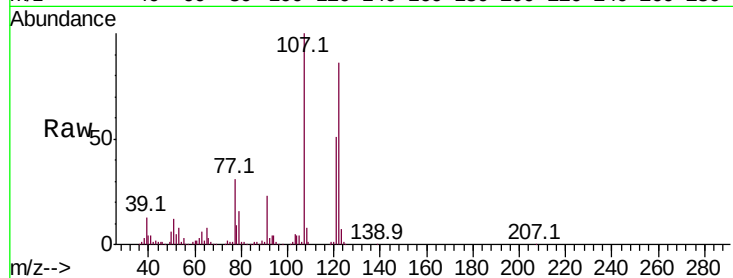
Tot Ion:122 Resp: 389692

Ion Ratio Lower Upper

122 100

107 116.7 91.9 137.9

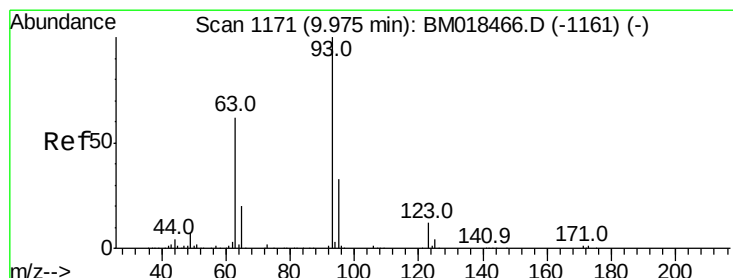
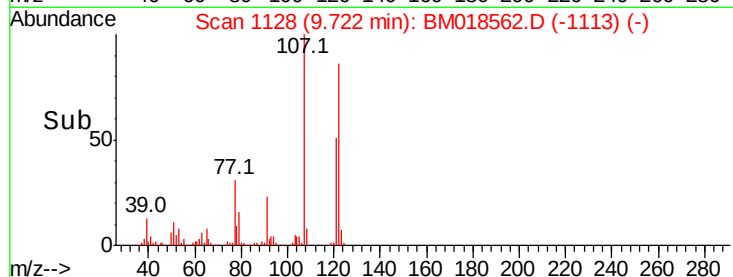
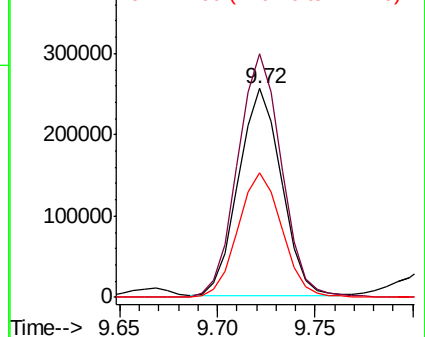
121 59.8 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.630 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

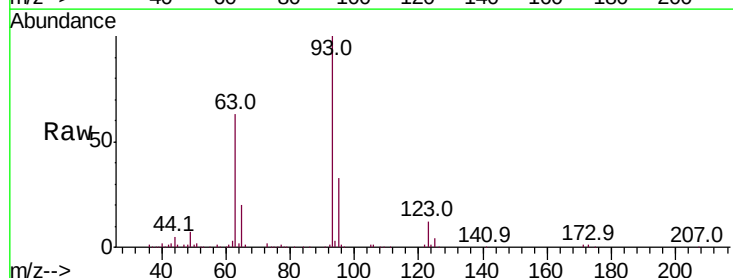
Tgt Ion: 93 Resp: 550634

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

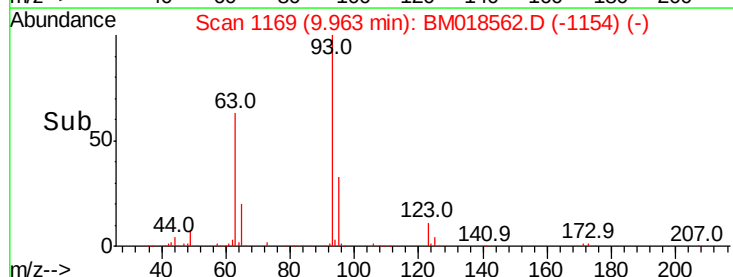
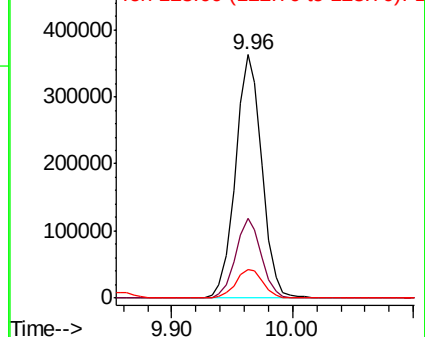
123 11.7 9.9 14.9

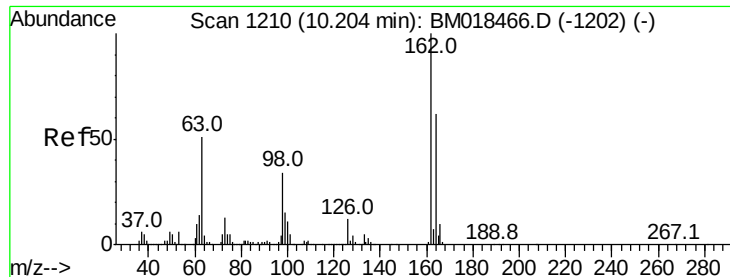


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

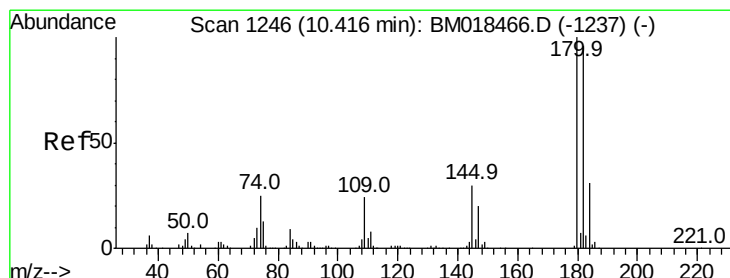
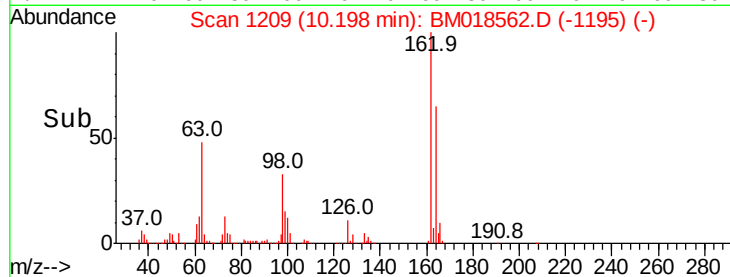
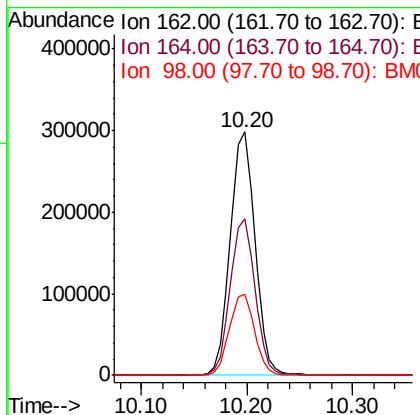
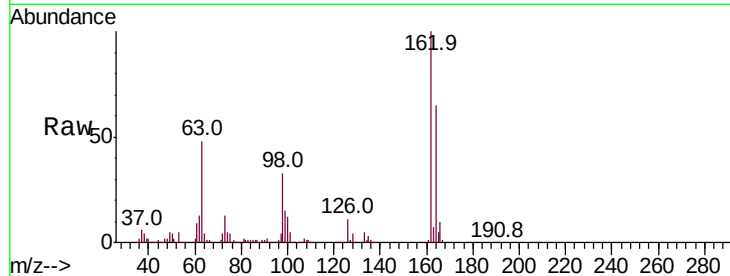




#29  
 2,4-Dichlorophenol  
 Concen: 45.249 ng  
 RT: 10.20 min Scan# 1209  
 Delta R.T. -0.02 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

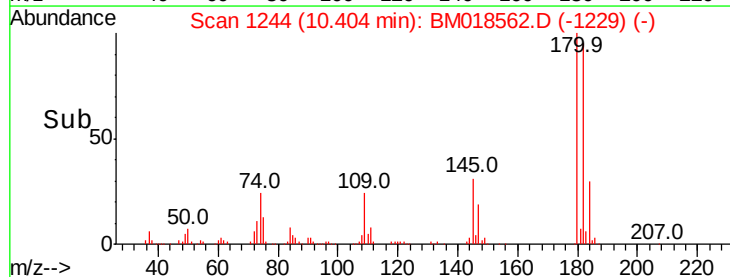
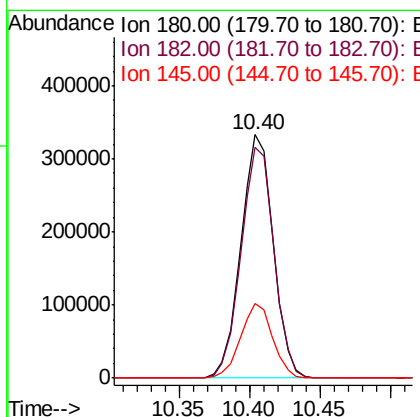
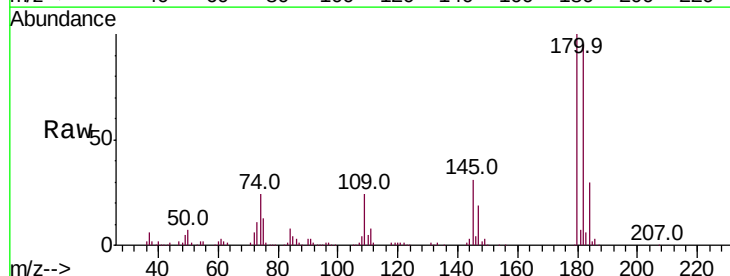
Instrument :  
 BNA\_M  
 ClientSampleId :

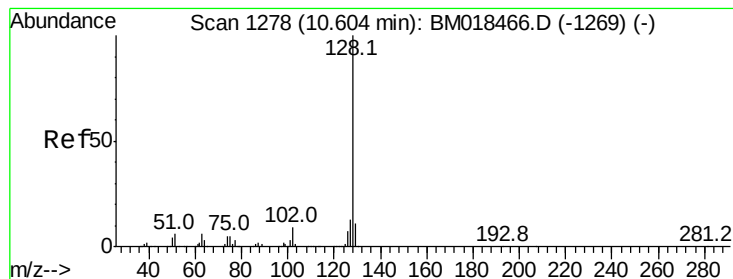
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 45.6  | 85.6  |
| 98      | 33.5  | 14.7  | 54.7  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.063 ng  
 RT: 10.40 min Scan# 1244  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 77.4  | 116.2 |
| 145     | 30.8  | 24.6  | 37.0  |





#31

Naphthalene

Concen: 41.163 ng

RT: 10.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampled :

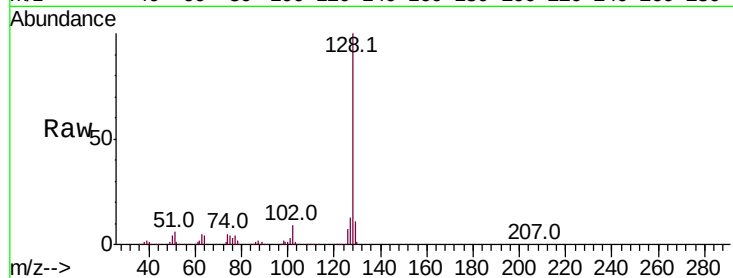
Tot Ion:128 Resp: 1453069

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

1200000 Ion 129.00 (128.70 to 129.70): E

1000000 Ion 127.00 (126.70 to 127.70): E

800000

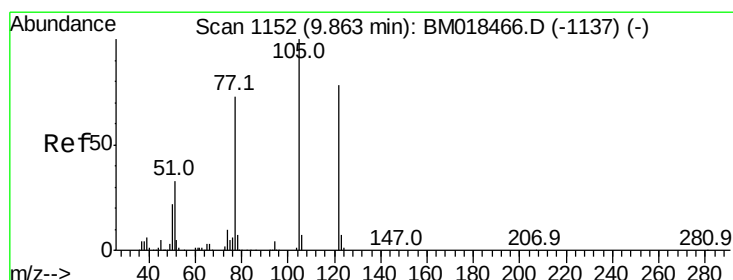
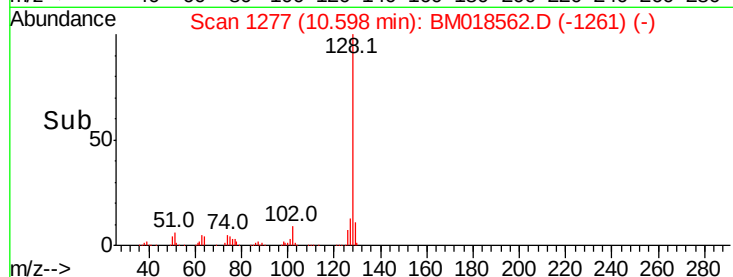
600000

400000

200000

0

Time--> 10.50 10.60 10.70



#32

Benzoic acid

Concen: 45.087 ng

RT: 9.86 min Scan# 1151

Delta R.T. -0.05 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

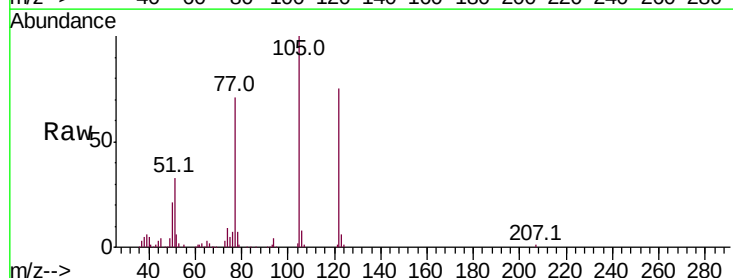
Tgt Ion:122 Resp: 270946

Ion Ratio Lower Upper

122 100

105 134.0 100.4 140.4

77 95.3 71.7 111.7



Abundance Ion 122.00 (121.70 to 122.70): E

300000 Ion 105.00 (104.70 to 105.70): E

250000 Ion 77.00 (76.70 to 77.70): BM

200000

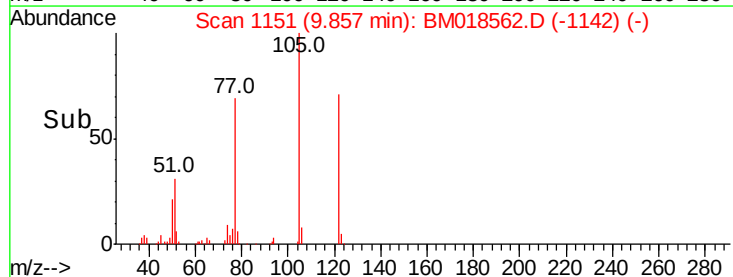
150000

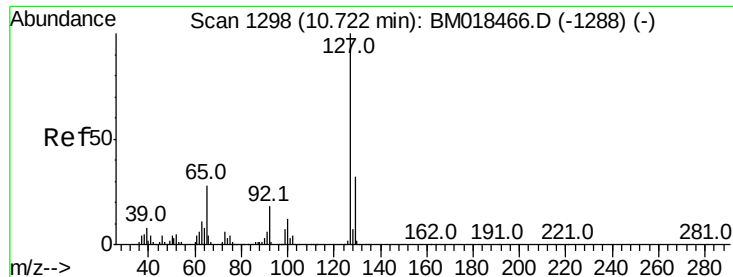
100000

50000

0

Time--> 9.80 9.90 10.00

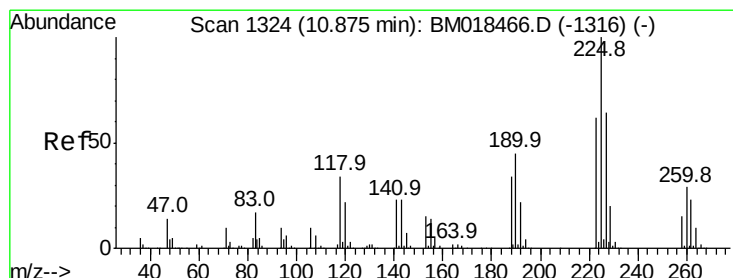
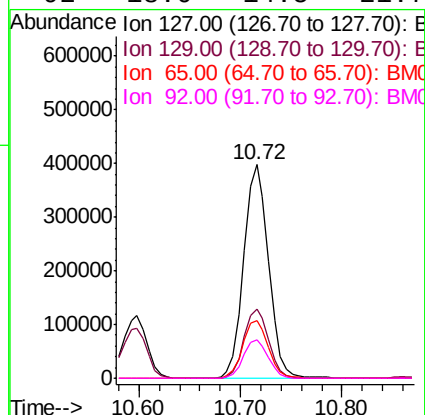
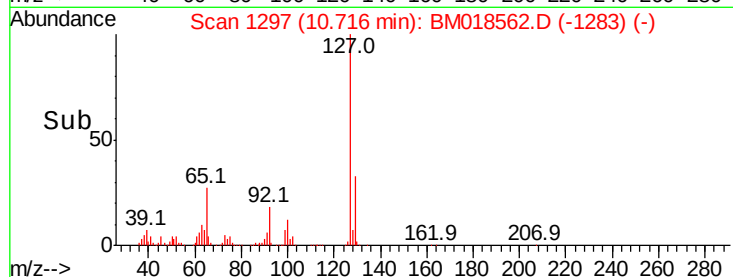
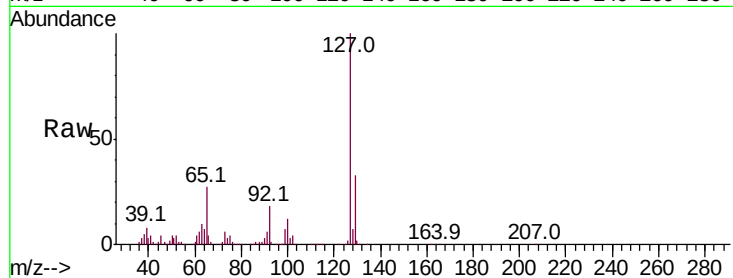




#33  
4-Chloroaniline  
Concen: 48.742 ng  
RT: 10.72 min Scan# 1297  
Delta R.T. -0.02 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

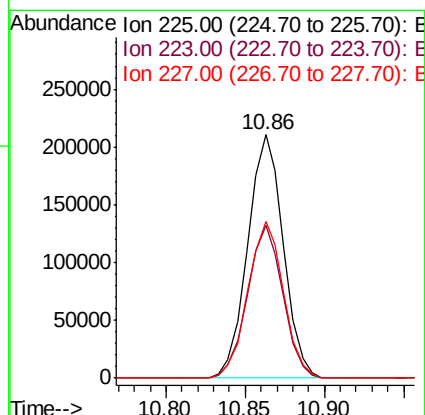
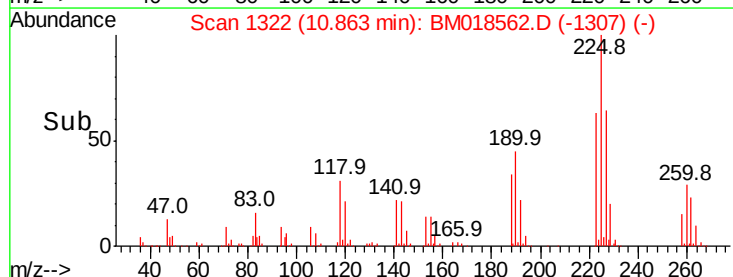
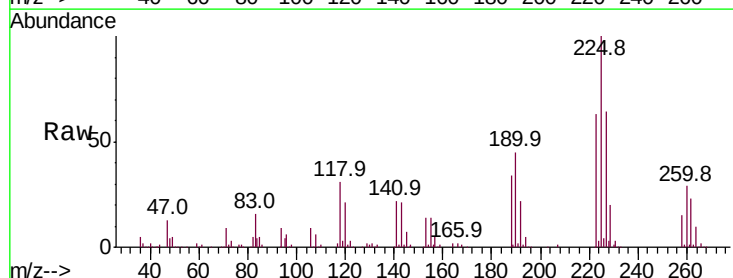
Instrument :  
BNA\_M  
ClientSampleId :

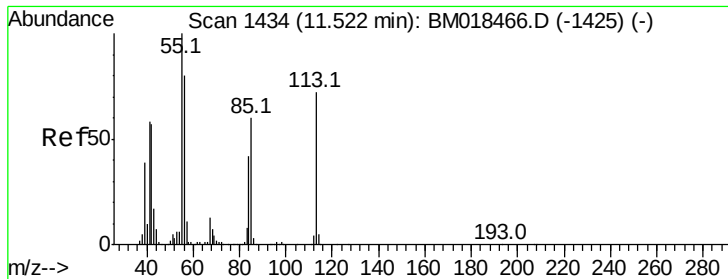
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 677627 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.9  | 38.9   |
| 65       | 27.0  | 23.4  | 35.2   |
| 92       | 18.0  | 14.5  | 21.7   |



#34  
Hexachlorobutadiene  
Concen: 38.911 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 327598 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 50.8  | 76.2   |
| 227      | 64.2  | 50.4  | 75.6   |

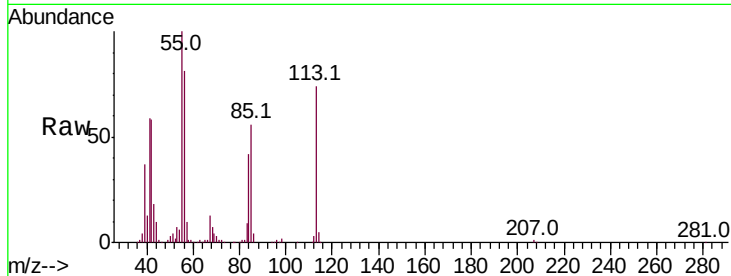




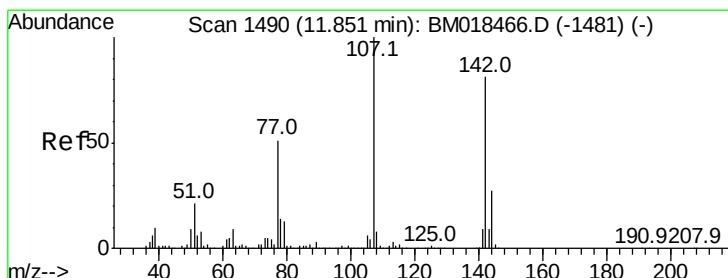
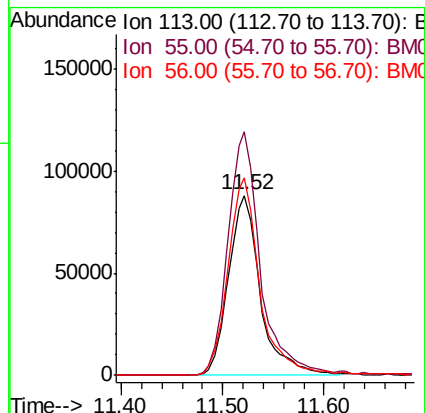
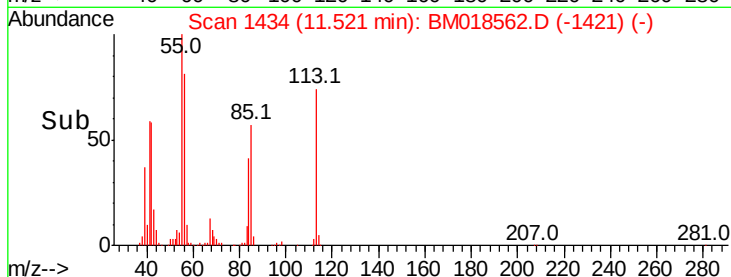
#35  
 Caprolactam  
 Concen: 52.679 ng  
 RT: 11.52 min Scan# 1434  
 Delta R.T. -0.02 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

Instrument :  
 BNA\_M  
 ClientSampleID :

Tot Ion:113 Resp: 192297  
 Ion Ratio Lower Upper  
 113 100  
 55 135.3 139.3 179.3#  
 56 109.7 101.4 141.4

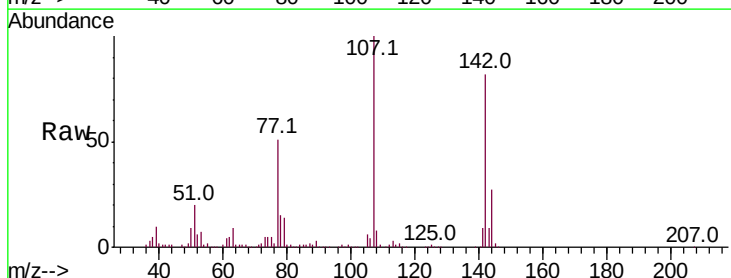


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BM  
 Ion 56.00 (55.70 to 56.70): BM

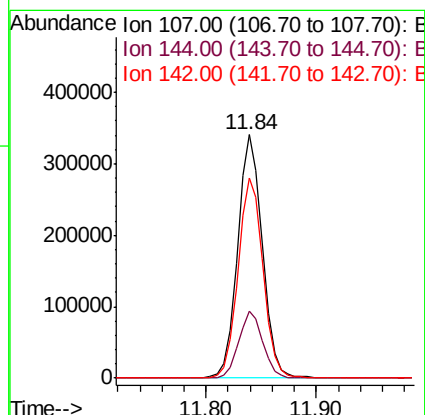
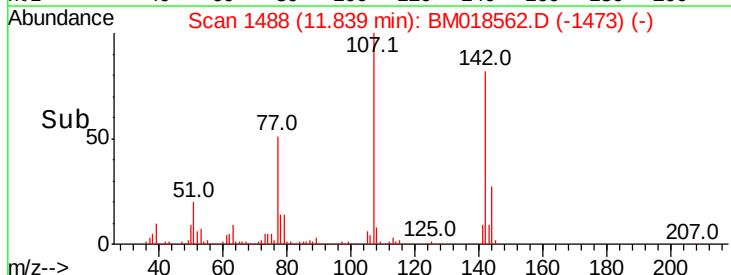


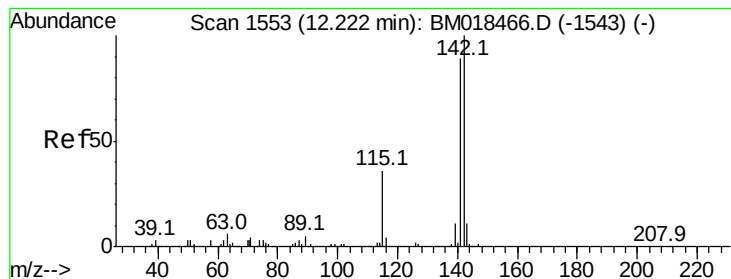
#36  
 4-Chloro-3-methylphenol  
 Concen: 47.467 ng  
 RT: 11.84 min Scan# 1488  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

Tgt Ion:107 Resp: 534676  
 Ion Ratio Lower Upper  
 107 100  
 144 27.4 21.9 32.9  
 142 82.1 67.9 101.9



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: 42.727 ng

RT: 12.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampled :

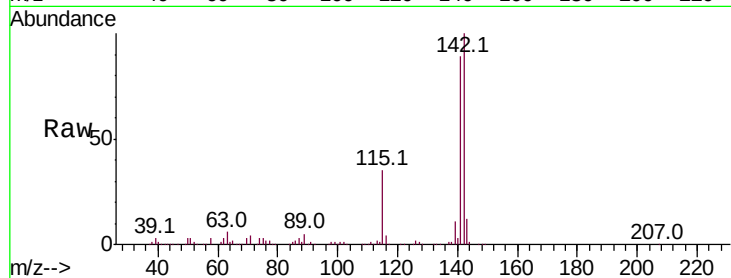
Tot Ion:142 Resp: 1065656

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.2

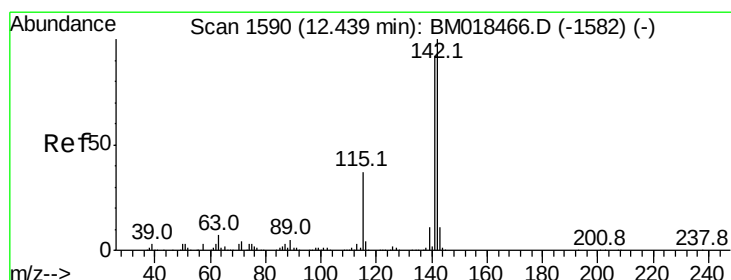
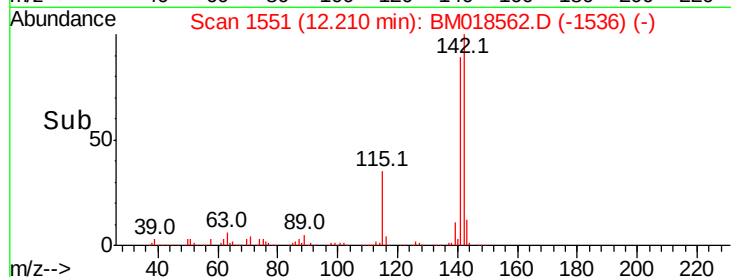
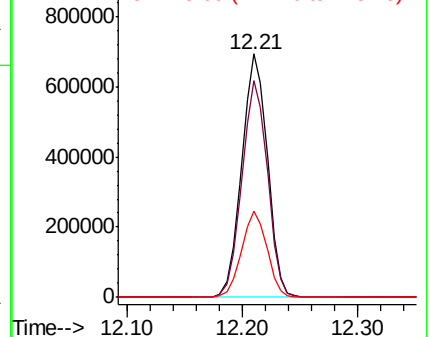
115 35.4 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.926 ng

RT: 12.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

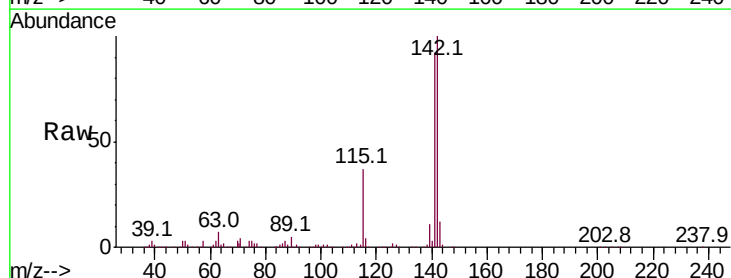
Tgt Ion:142 Resp: 1035912

Ion Ratio Lower Upper

142 100

141 92.4 75.6 113.4

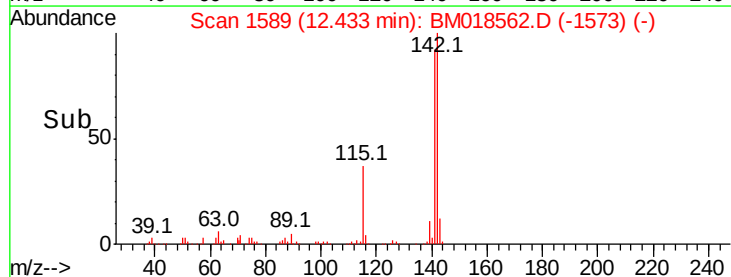
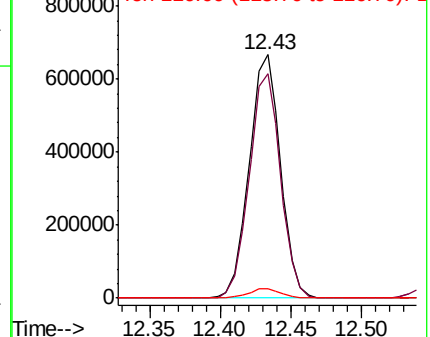
116 3.8 3.0 4.6

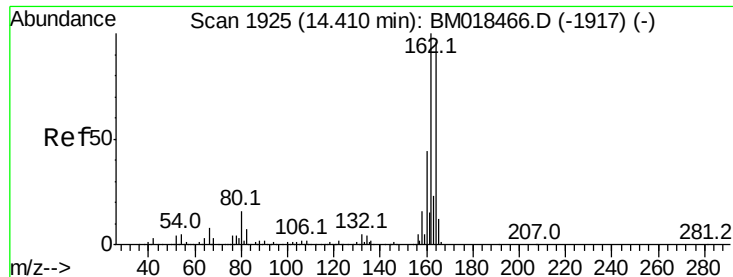


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

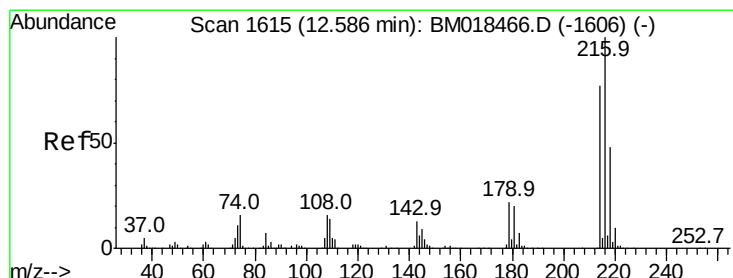
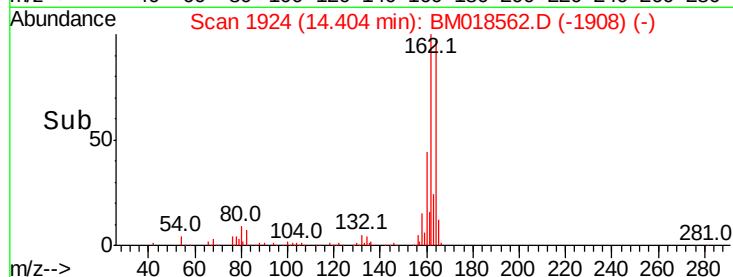
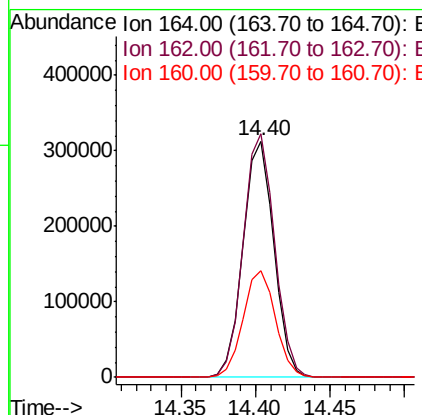
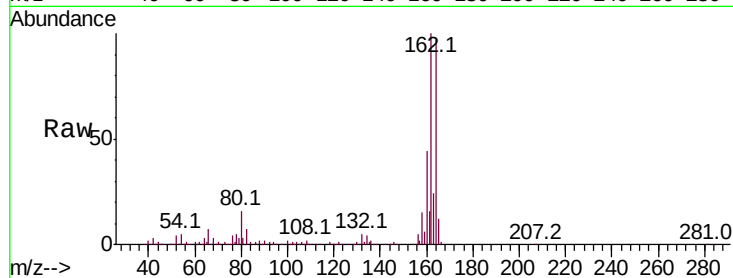




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.40 min Scan# 1924  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

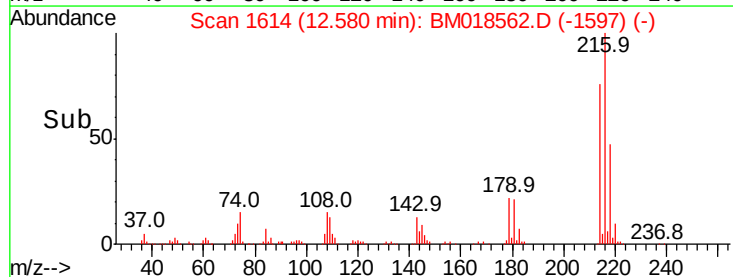
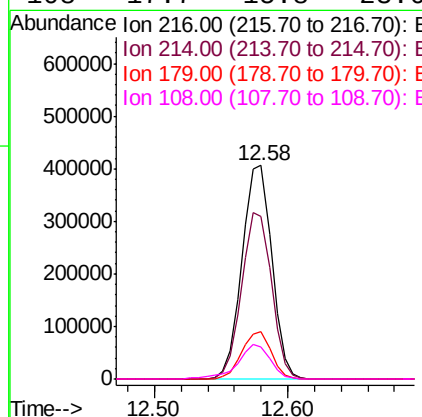
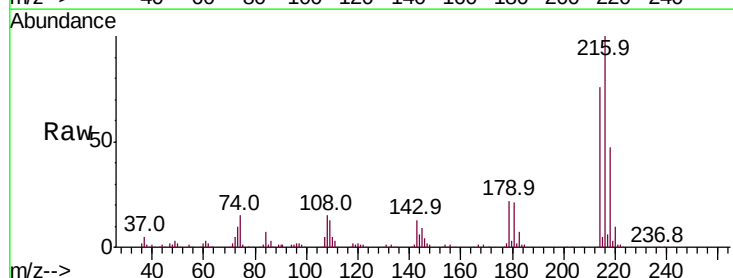
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:164 Resp: 446714  
Ion Ratio Lower Upper  
164 100  
162 103.0 83.0 124.4  
160 45.3 37.1 55.7

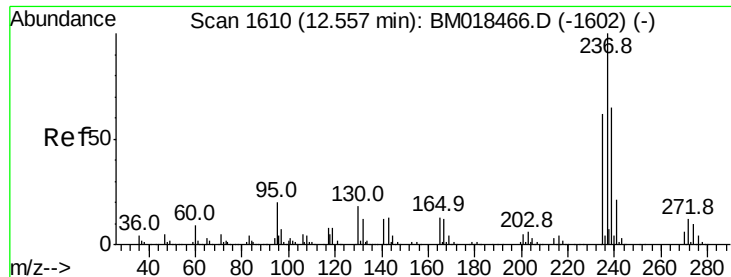


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.096 ng  
RT: 12.58 min Scan# 1614  
Delta R.T. -0.00 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Tgt Ion:216 Resp: 626348  
Ion Ratio Lower Upper  
216 100  
214 78.0 63.4 95.0  
179 21.9 17.9 26.9  
108 17.7 15.8 23.6







#41

Hexachlorocyclopentadiene

Concen: 39.177 ng

RT: 12.54 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

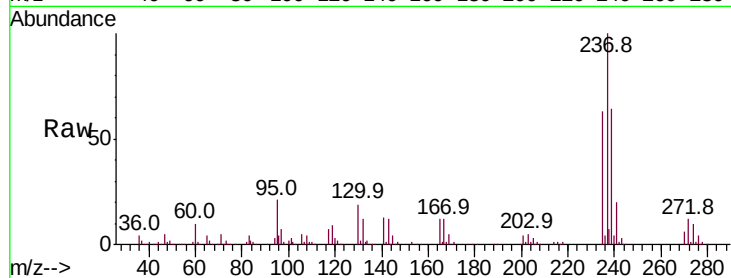
Tot Ion:237 Resp: 335880

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 63.3  | 42.8  | 82.8  |
| 272 | 12.2  | 0.0   | 31.9  |

237 100

235 63.3 42.8 82.8

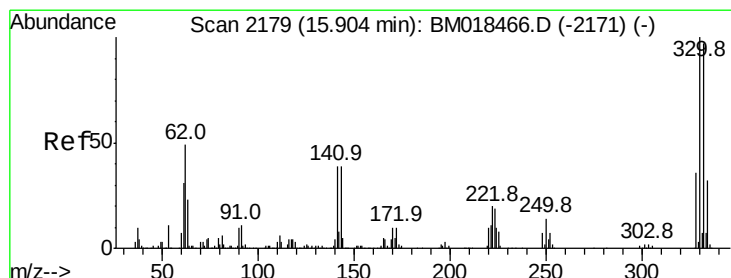
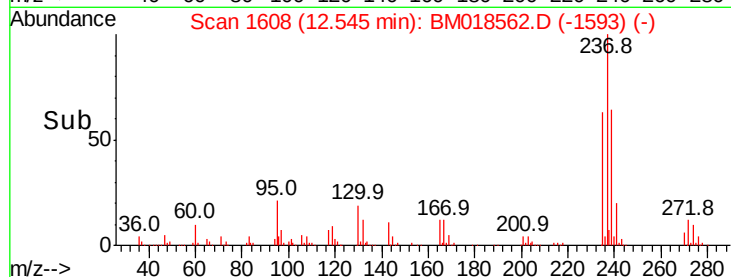
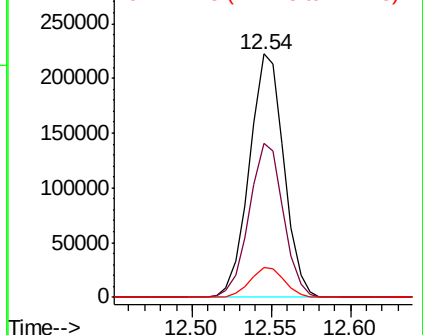
272 12.2 0.0 31.9



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: 95.799 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

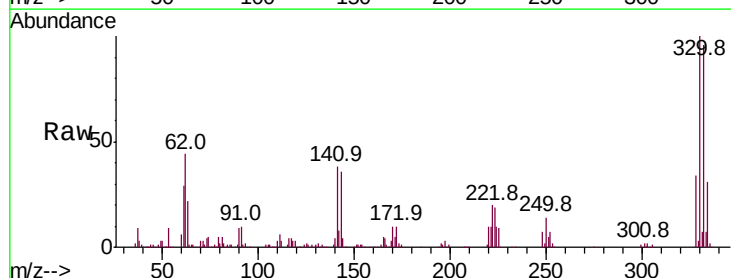
Tgt Ion:330 Resp: 544896

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.1  | 77.6  | 116.4 |
| 141 | 38.6  | 31.7  | 47.5  |

330 100

332 96.1 77.6 116.4

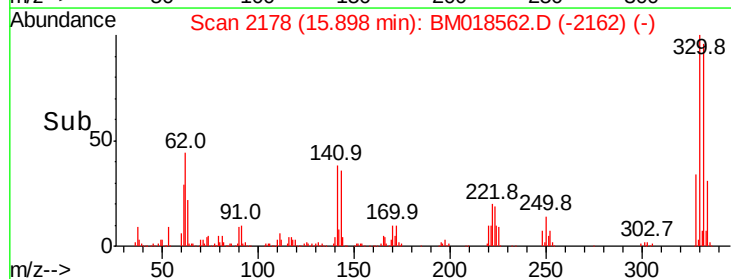
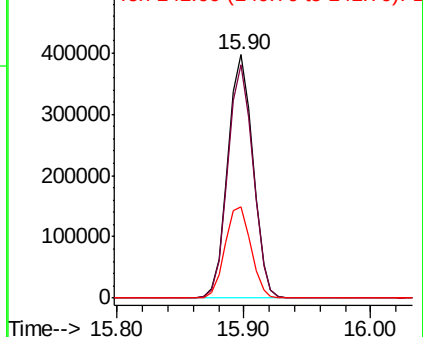
141 38.6 31.7 47.5

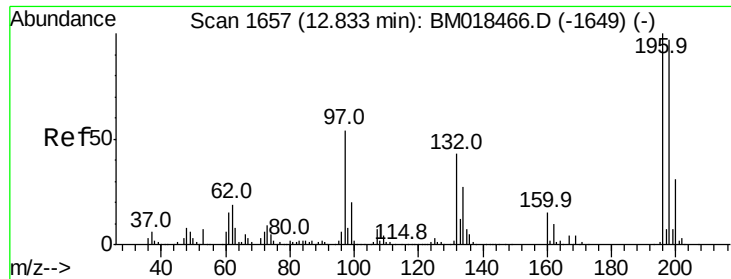


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

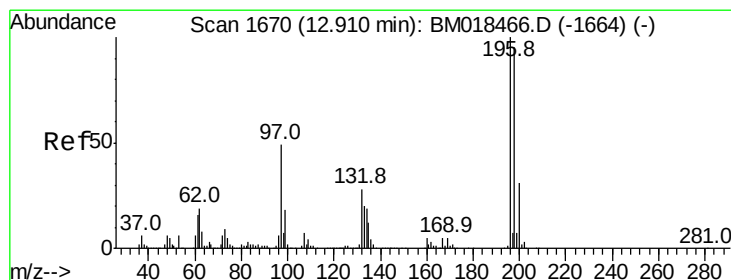
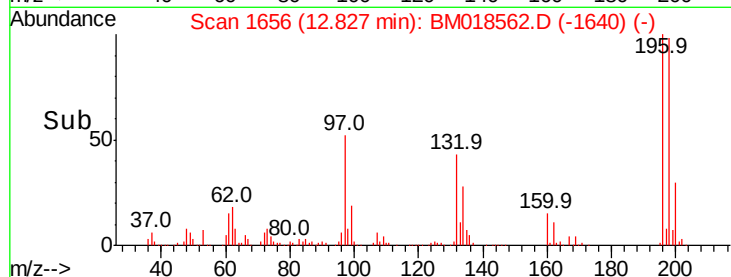
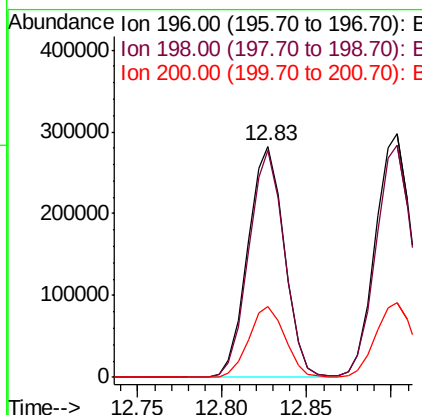
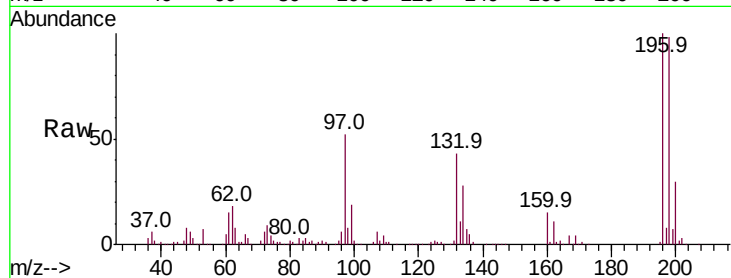




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.794 ng  
 RT: 12.83 min Scan# 1656  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

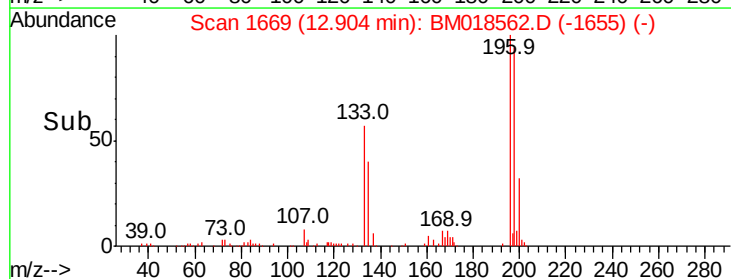
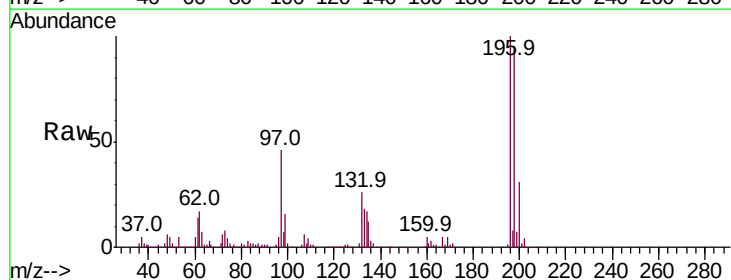
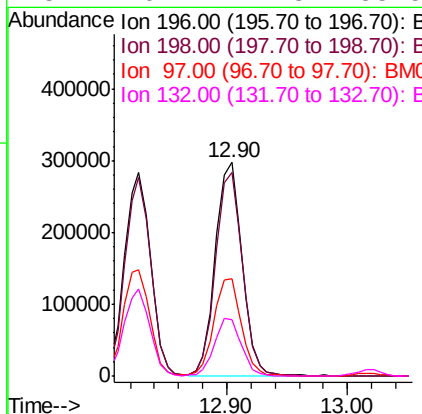
Instrument :  
 BNA\_M  
 ClientSampleId :

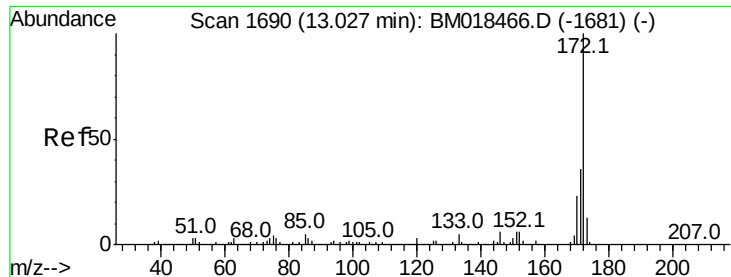
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.0  | 76.6  | 115.0 |
| 200     | 30.4  | 24.2  | 36.4  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.496 ng  
 RT: 12.90 min Scan# 1669  
 Delta R.T. -0.02 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.5  | 76.7  | 115.1 |
| 97      | 45.8  | 39.2  | 58.8  |
| 132     | 26.1  | 22.3  | 33.5  |

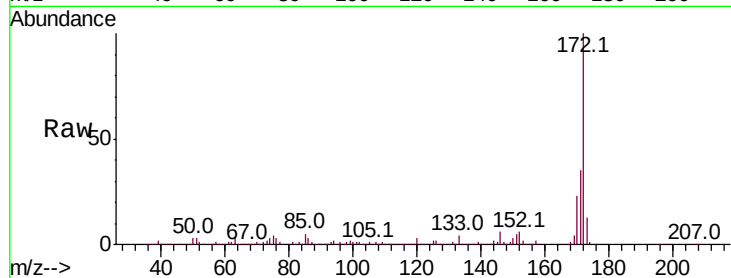




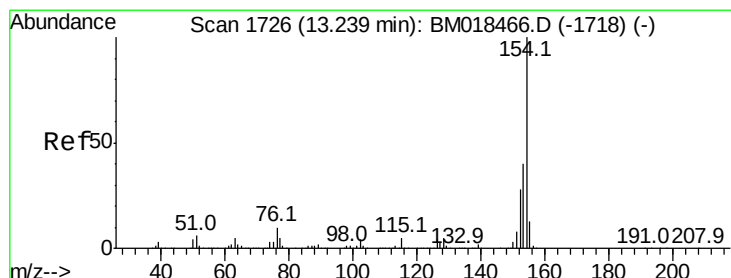
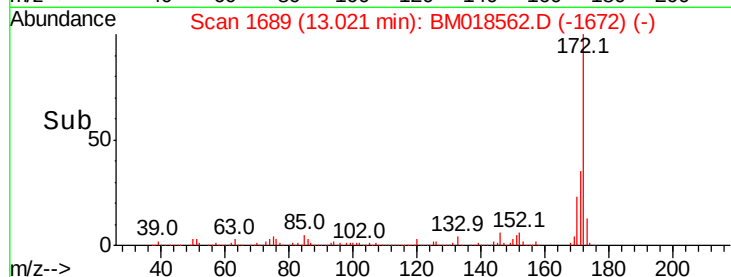
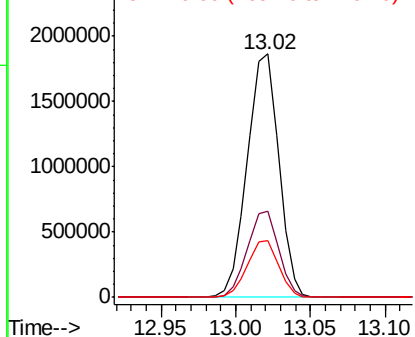
#45  
2-Fluorobiphenyl  
Concen: 79.940 ng  
RT: 13.02 min Scan# 1689  
Delta R.T. -0.00 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:172 Resp: 2736706  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.4  
170 23.4 18.9 28.3

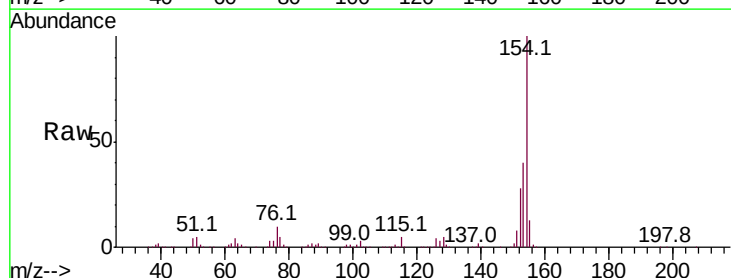


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

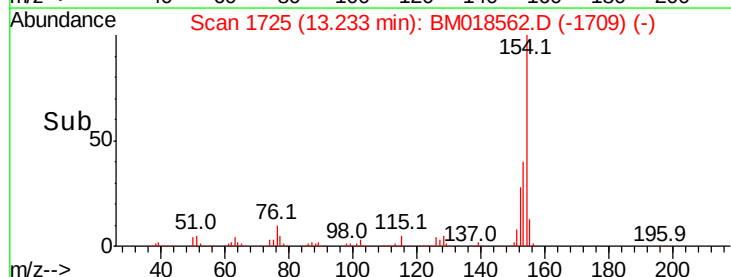
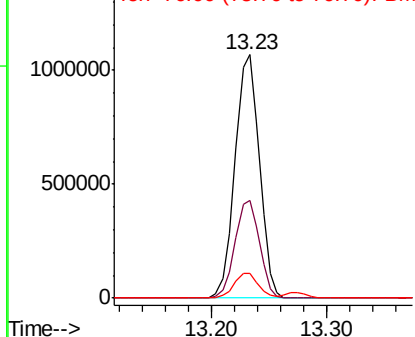


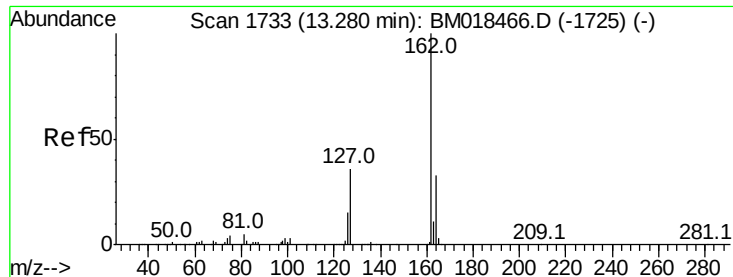
#46  
1,1'-Biphenyl  
Concen: 39.999 ng  
RT: 13.23 min Scan# 1725  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Tgt Ion:154 Resp: 1560171  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.5 60.5  
76 10.0 0.0 31.9



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

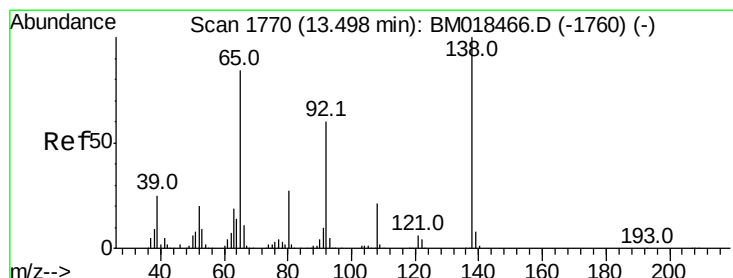
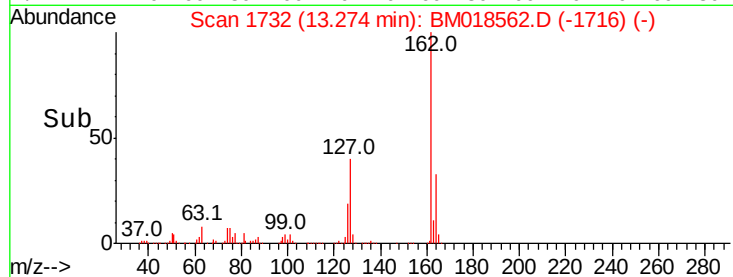
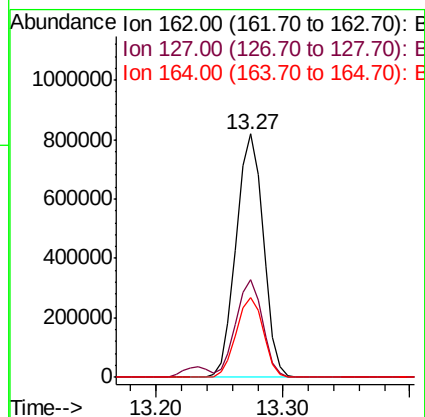
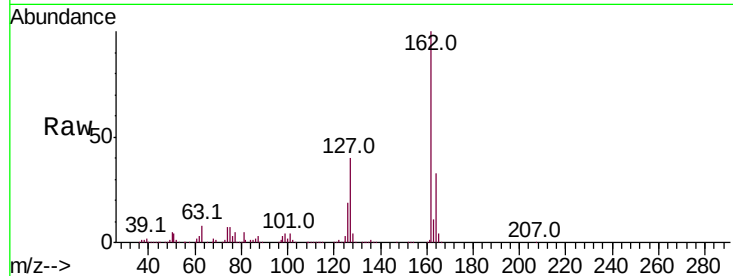




#47  
2-Chloronaphthalene  
Concen: 40.145 ng  
RT: 13.27 min Scan# 1732  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

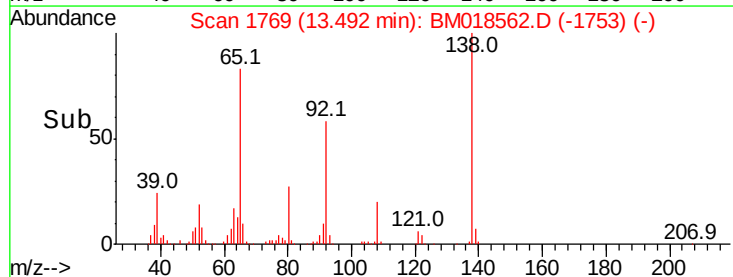
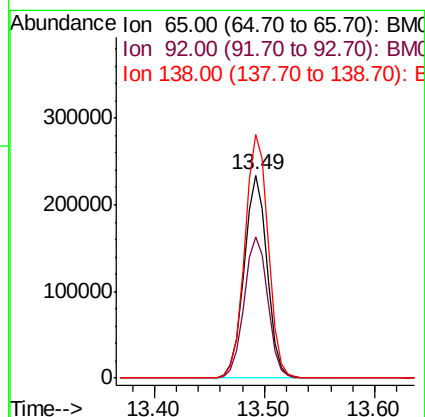
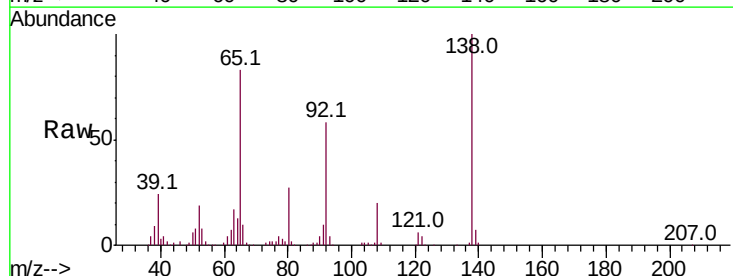
Instrument :  
BNA\_M  
ClientSampled :

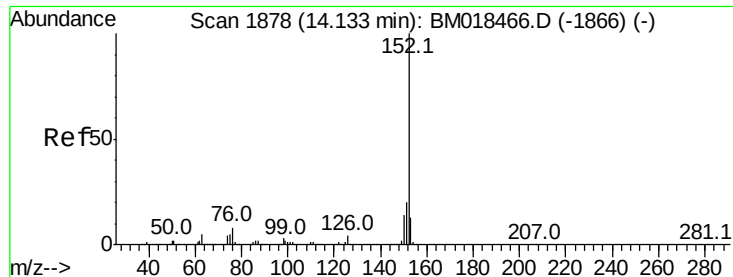
Tot Ion:162 Resp: 1214237  
Ion Ratio Lower Upper  
162 100  
127 39.9 31.4 47.0  
164 33.0 26.2 39.4



#48  
2-Nitroaniline  
Concen: 46.320 ng  
RT: 13.49 min Scan# 1769  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Tgt Ion: 65 Resp: 344686  
Ion Ratio Lower Upper  
65 100  
92 69.4 53.4 80.2  
138 119.8 88.9 133.3





#49

Acenaphthylene

Concen: 42.052 ng

RT: 14.13 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

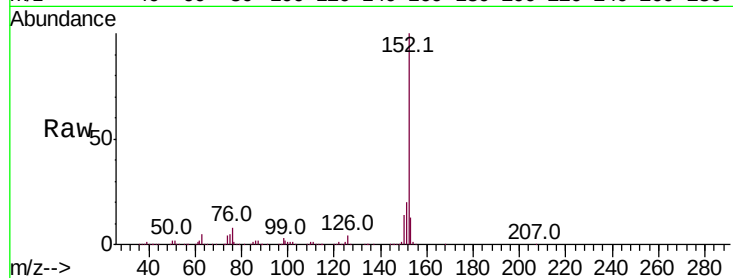
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 1853623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.6  | 15.7  | 23.5  |
| 153 | 13.1  | 10.5  | 15.7  |

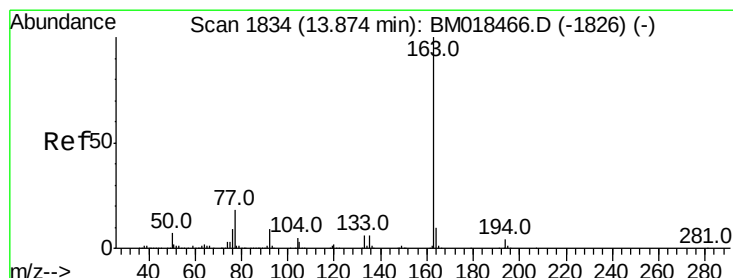
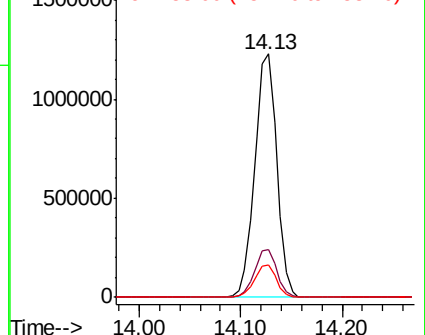
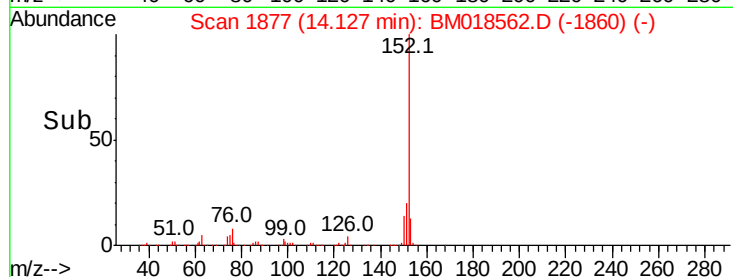


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.403 ng

RT: 13.86 min Scan# 1832

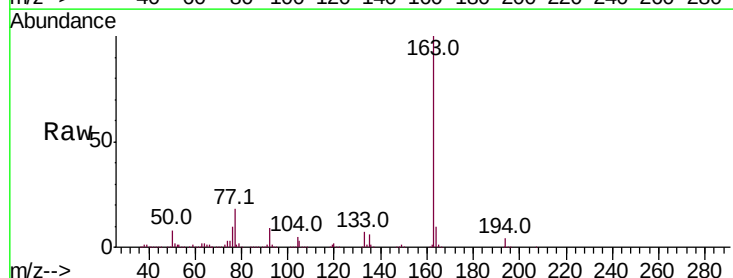
Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Tgt Ion:163 Resp: 1555669

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.0   | 3.0   | 4.6   |
| 164 | 10.2  | 7.8   | 11.8  |

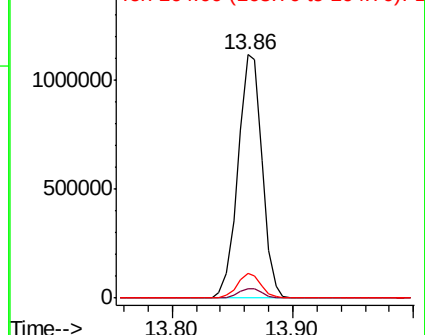
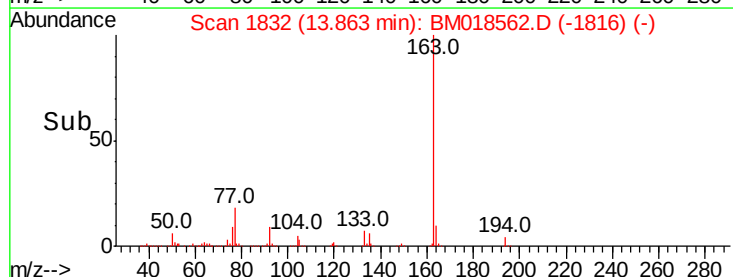


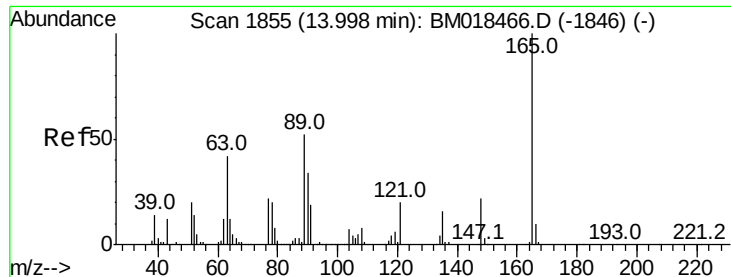
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

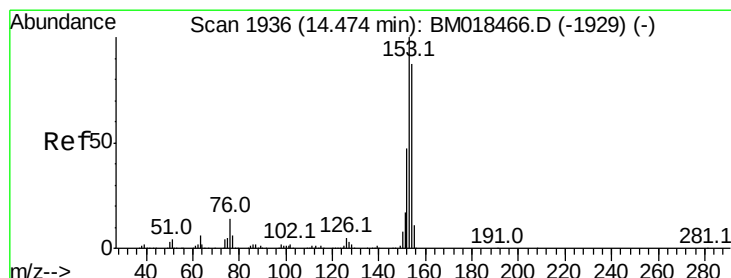
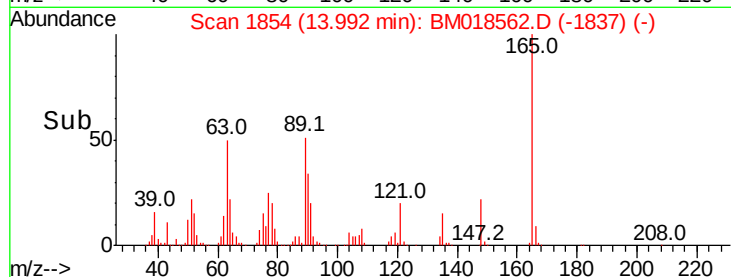
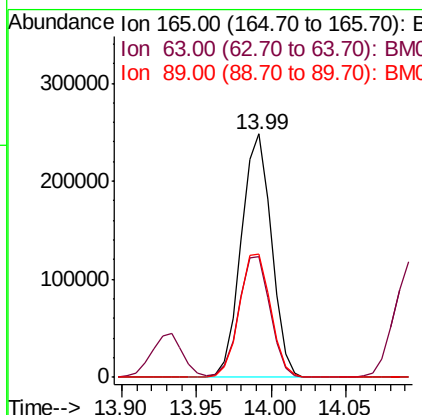
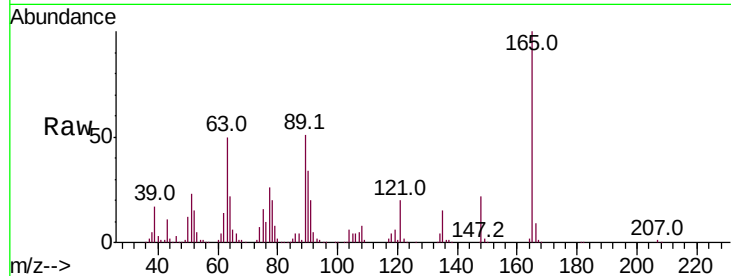




#51  
 2,6-Dinitrotoluene  
 Concen: 44.868 ng  
 RT: 13.99 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

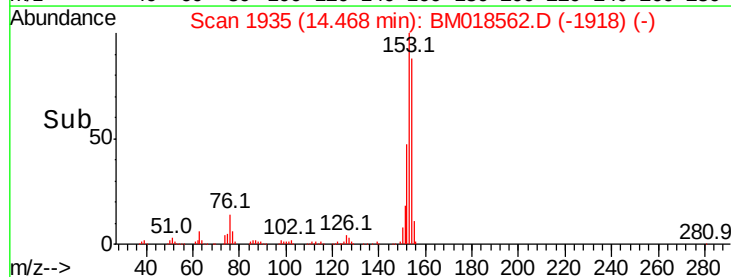
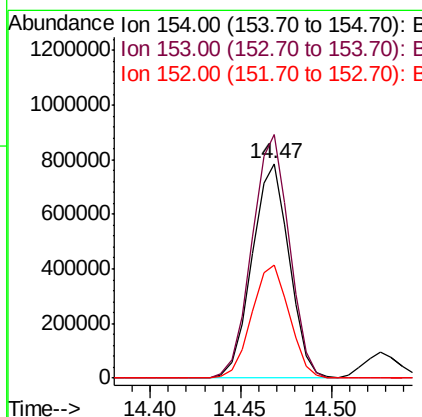
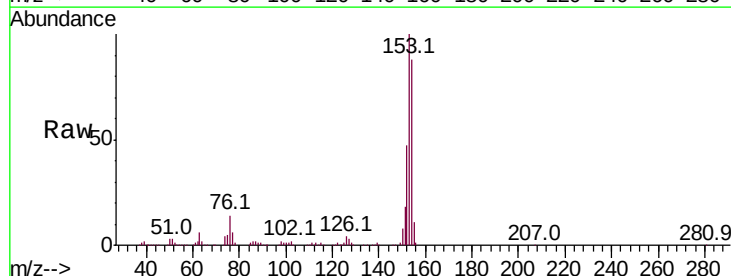
Instrument :  
 BNA\_M  
 ClientSampleId :

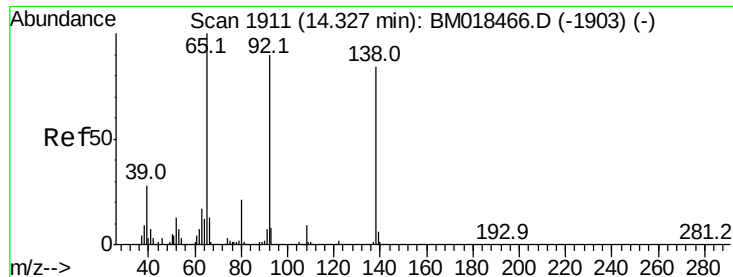
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.7  | 45.6  | 68.4  |
| 89      | 50.8  | 44.6  | 66.8  |



#52  
 Acenaphthene  
 Concen: 41.464 ng  
 RT: 14.47 min Scan# 1935  
 Delta R.T. -0.00 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.4 | 92.3  | 138.5 |
| 152     | 52.9  | 43.8  | 65.6  |

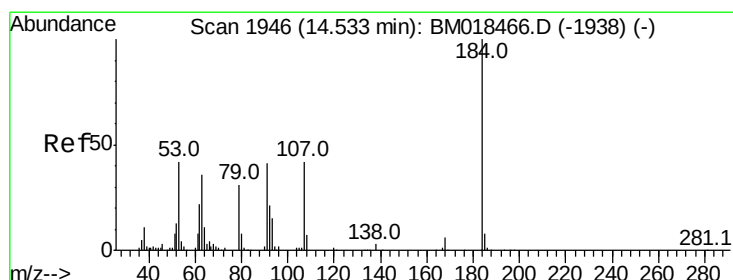
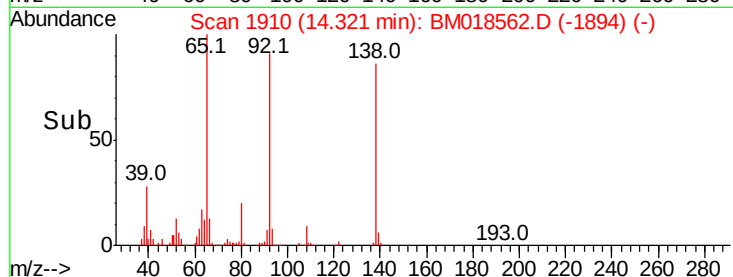
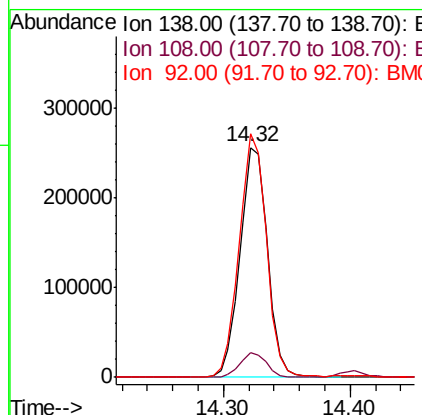
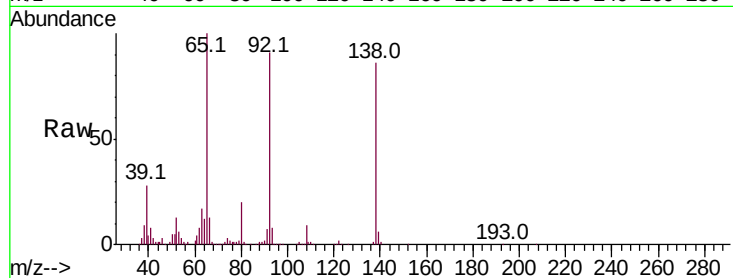




#53  
 3-Nitroaniline  
 Concen: 48.928 ng  
 RT: 14.32 min Scan# 1910  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

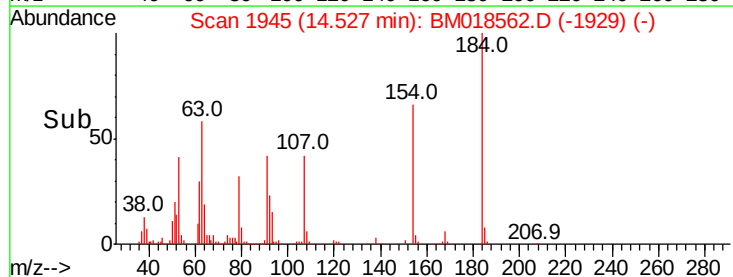
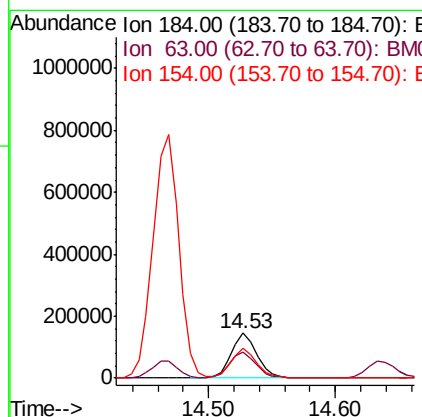
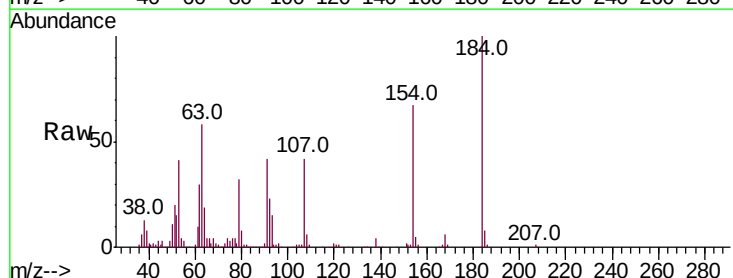
Instrument :  
 BNA\_M  
 ClientSampleId :

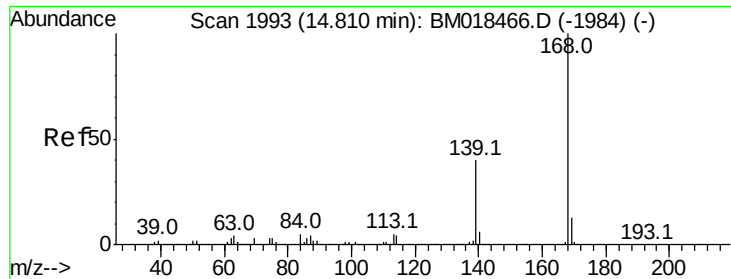
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.6  | 9.1   | 13.7  |
| 92      | 106.0 | 88.2  | 132.2 |



#54  
 2,4-Dinitrophenol  
 Concen: 51.523 ng  
 RT: 14.53 min Scan# 1945  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.4  | 55.9  | 83.9  |
| 154     | 67.1  | 54.2  | 81.4  |





#55

Dibenzofuran

Concen: 41.578 ng

RT: 14.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

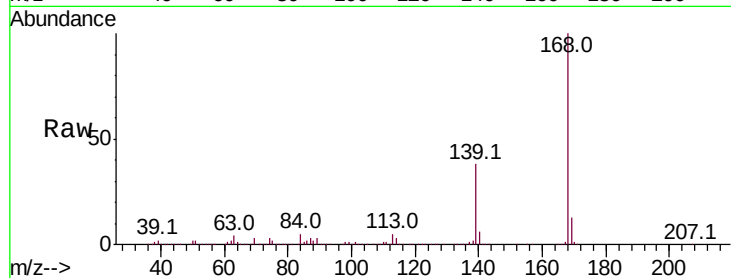
Tot Ion:168 Resp: 1852809

Ion Ratio Lower Upper

168 100

139 38.4 30.3 45.5

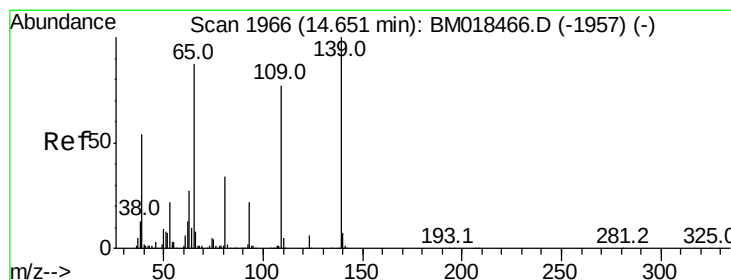
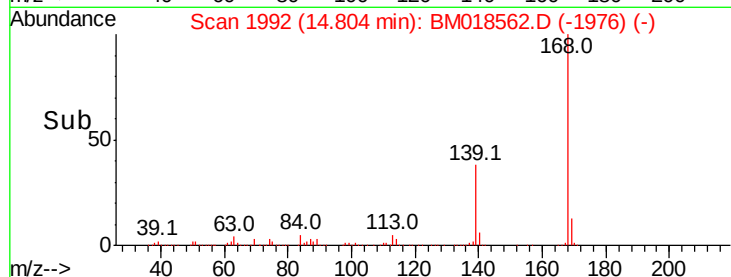
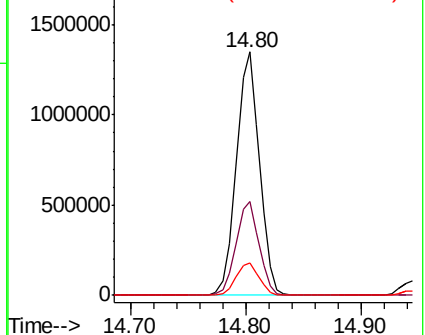
169 13.1 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 48.455 ng

RT: 14.64 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

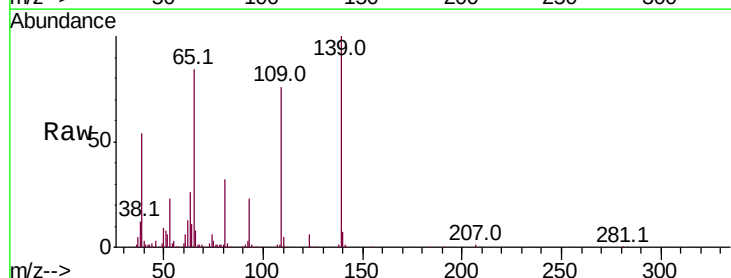
Tgt Ion:139 Resp: 327964

Ion Ratio Lower Upper

139 100

109 76.1 51.7 91.7

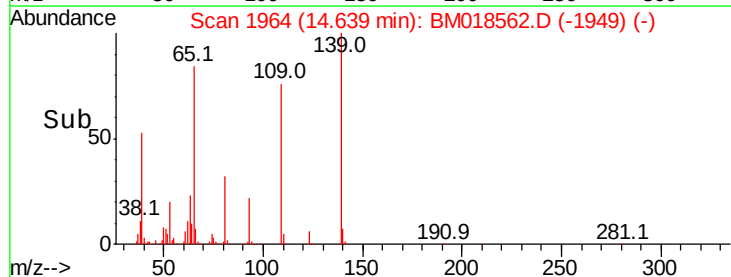
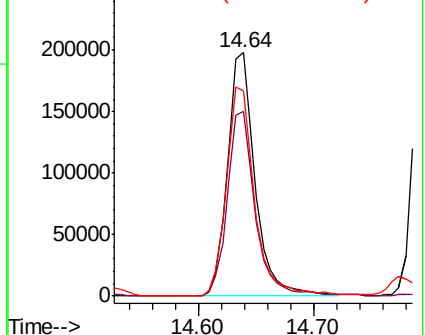
65 84.2 71.4 111.4



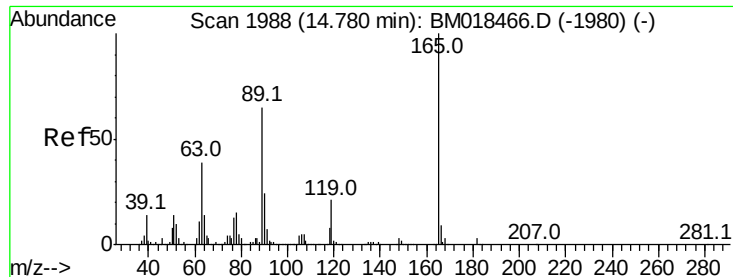
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



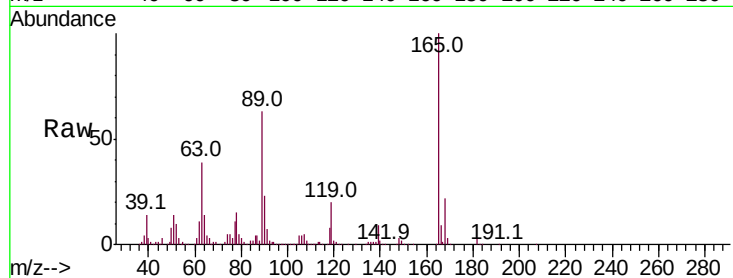




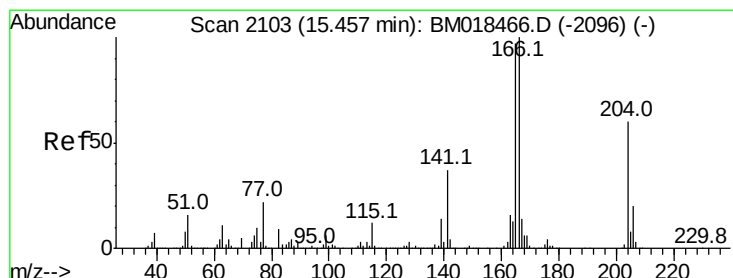
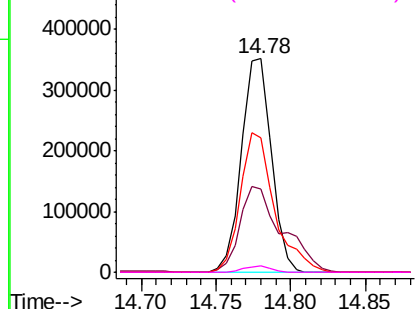
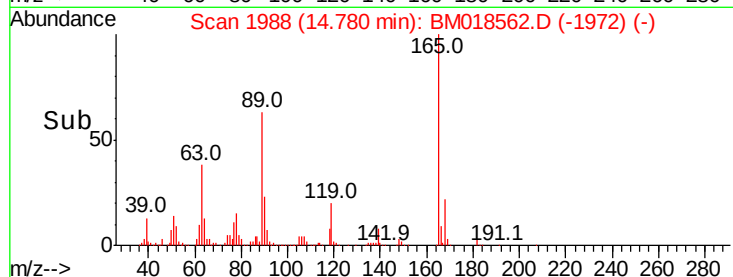
#57  
2,4-Dinitrotoluene  
Concen: 44.725 ng  
RT: 14.78 min Scan# 1988  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.0  | 32.2  | 48.2  |
| 89      | 62.9  | 52.1  | 78.1  |
| 182     | 3.2   | 2.5   | 3.7   |

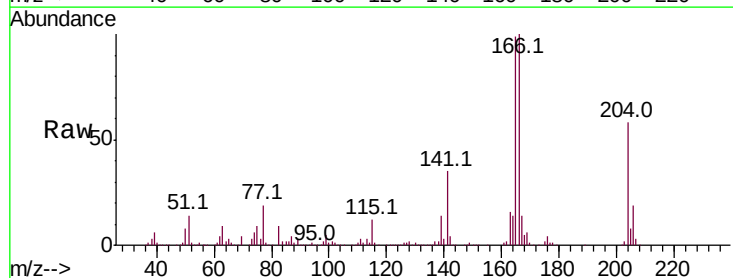


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 89.00 (88.70 to 89.70): BM  
Ion 182.00 (181.70 to 182.70): E

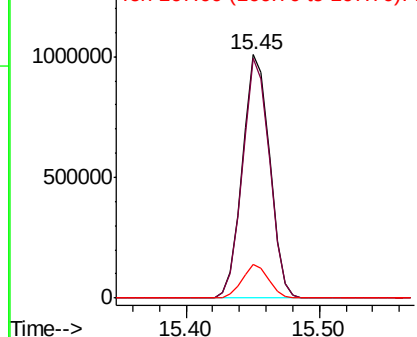
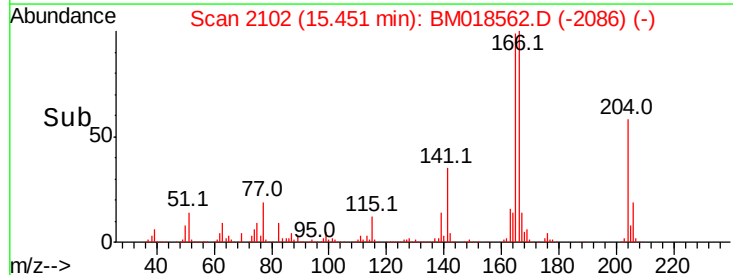


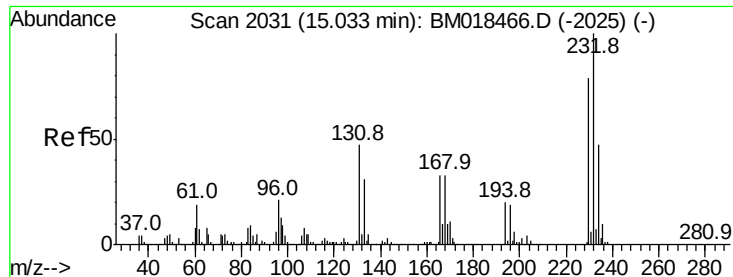
#58  
Fluorene  
Concen: 42.801 ng  
RT: 15.45 min Scan# 2102  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.6  | 78.3  | 117.5 |
| 167     | 13.7  | 10.9  | 16.3  |



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

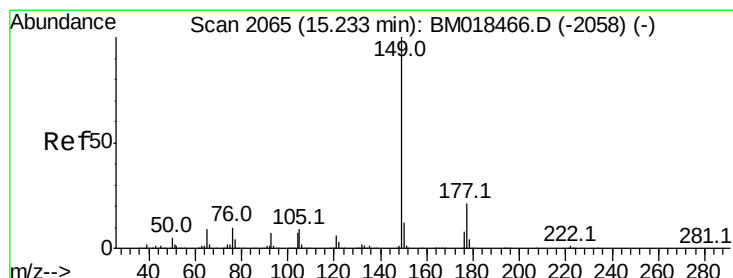
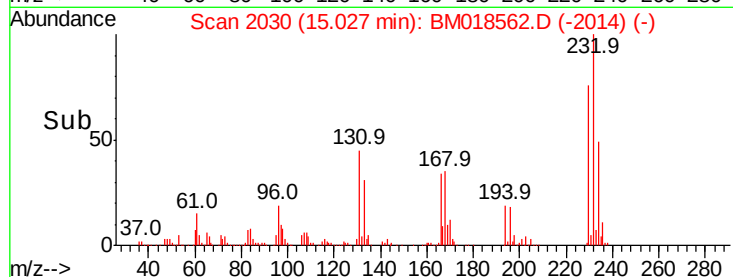
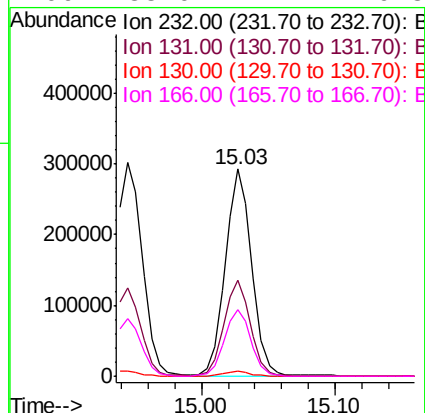
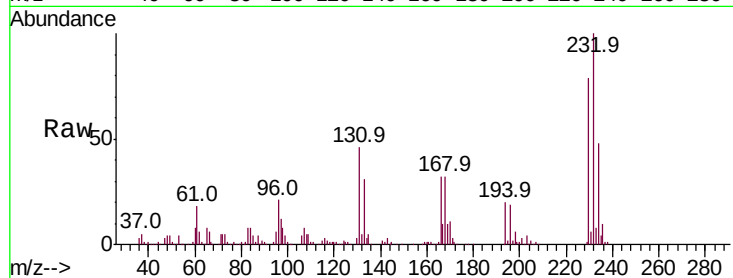




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.657 ng  
 RT: 15.03 min Scan# 2030  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

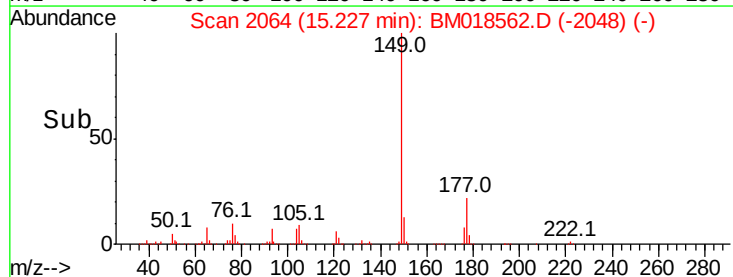
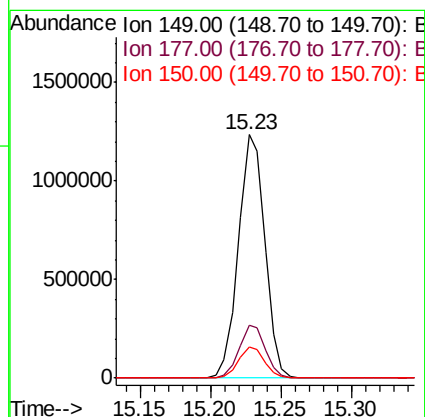
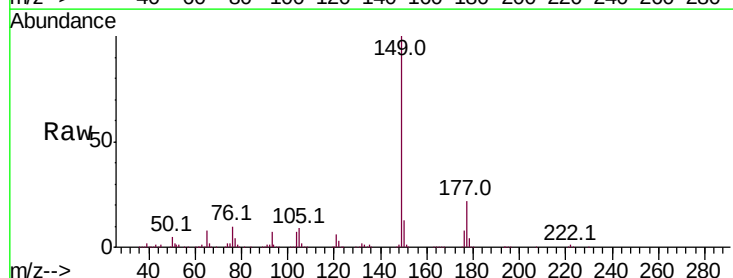
Instrument :  
 BNA\_M  
 ClientSampleId :

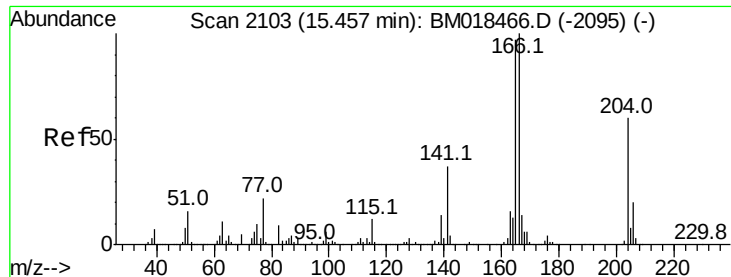
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 403752 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 46.3  | 38.6  | 57.8   |
| 130      | 2.6   | 2.2   | 3.4    |
| 166      | 33.0  | 27.2  | 40.8   |



#60  
 Diethylphthalate  
 Concen: 43.496 ng  
 RT: 15.23 min Scan# 2064  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1610945 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 21.9  | 17.1  | 25.7    |
| 150      | 12.8  | 9.8   | 14.6    |

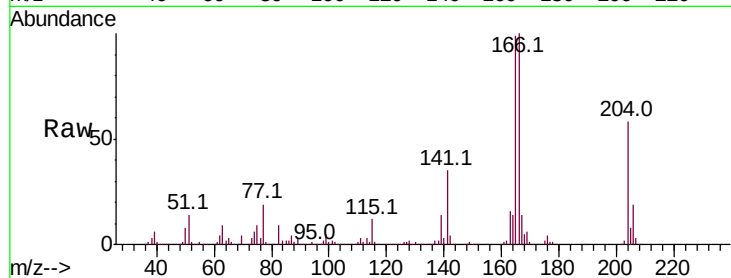




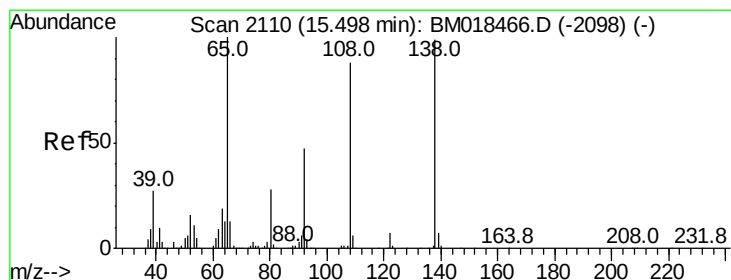
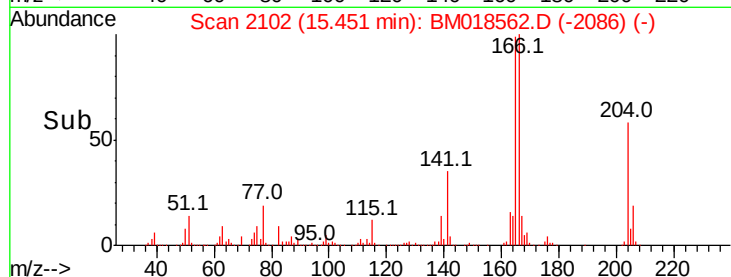
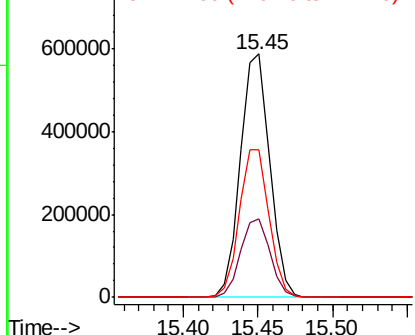
#61  
4-Chlorophenyl-phenylether  
Concen: 41.903 ng  
RT: 15.45 min Scan# 2102  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:204 Resp: 801714  
Ion Ratio Lower Upper  
204 100  
206 32.3 25.8 38.6  
141 60.4 49.5 74.3

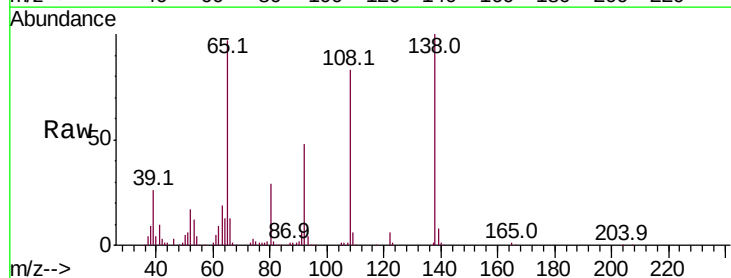


Abundance Ion 204.00 (203.70 to 204.70): E  
800000  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

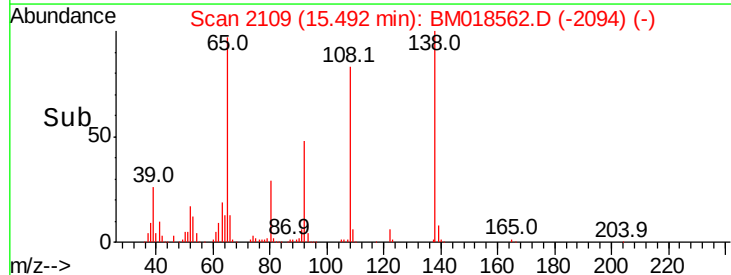
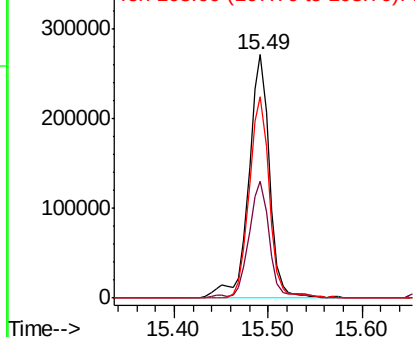


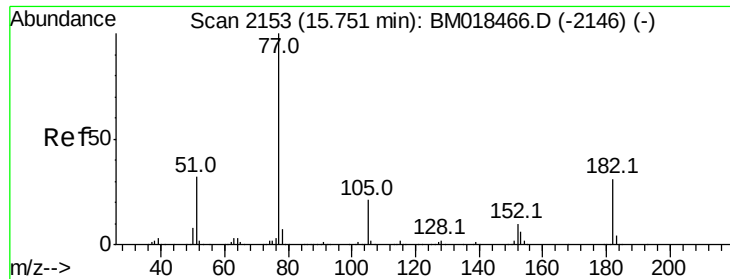
#62  
4-Nitroaniline  
Concen: 48.509 ng  
RT: 15.49 min Scan# 2109  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Tgt Ion:138 Resp: 414546  
Ion Ratio Lower Upper  
138 100  
92 47.8 29.0 69.0  
108 82.9 63.9 103.9



Abundance Ion 138.00 (137.70 to 138.70): E  
300000  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E

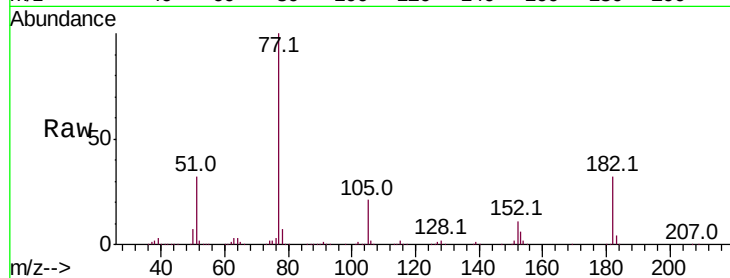




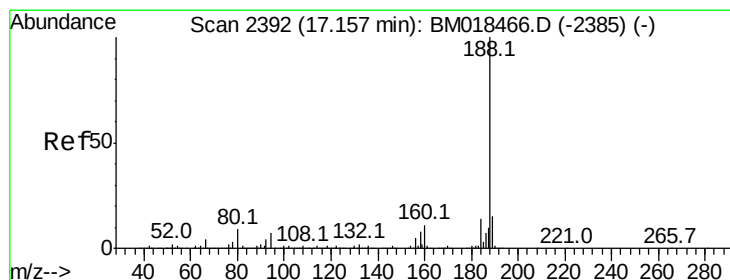
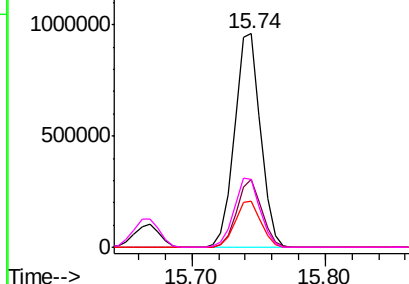
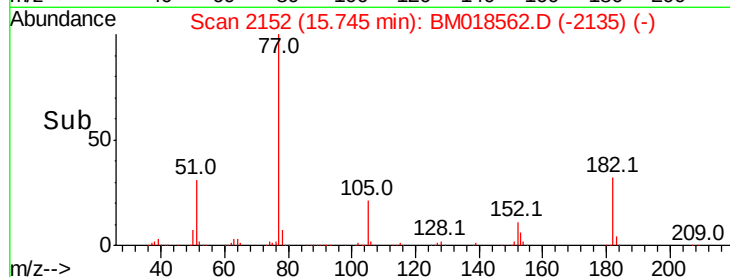
#63  
Azobenzene  
Concen: 42.861 ng  
RT: 15.74 min Scan# 2152  
Delta R.T. -0.00 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion: 77 Resp: 1294239  
Ion Ratio Lower Upper  
77 100  
182 31.7 7.4 47.4  
105 21.3 0.0 39.6  
51 31.9 12.0 52.0

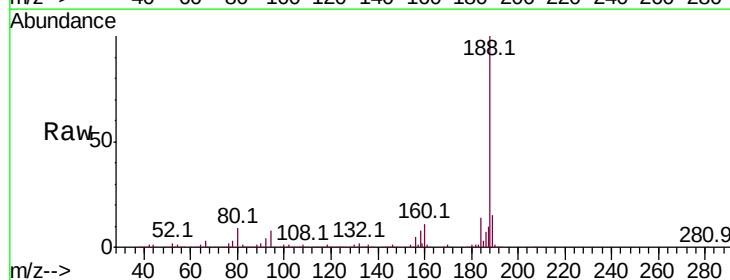


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)  
Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)  
Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)  
Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)

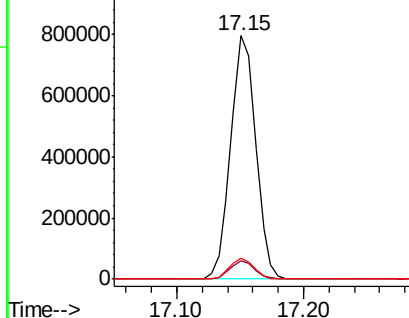
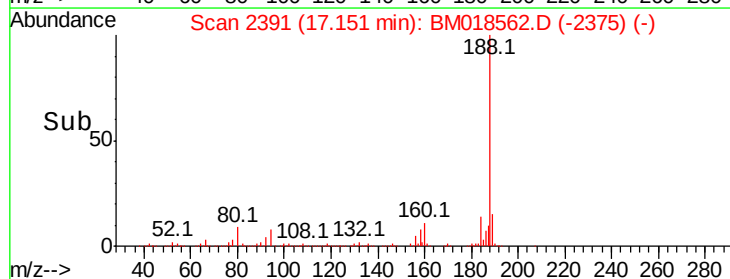


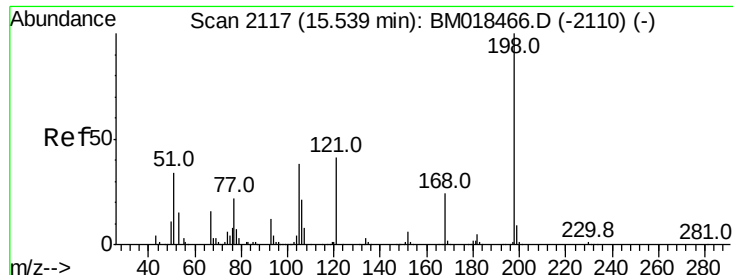
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.15 min Scan# 2391  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Tgt Ion: 188 Resp: 1085178  
Ion Ratio Lower Upper  
188 100  
94 7.6 7.1 10.7  
80 8.6 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)  
Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)  
Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)

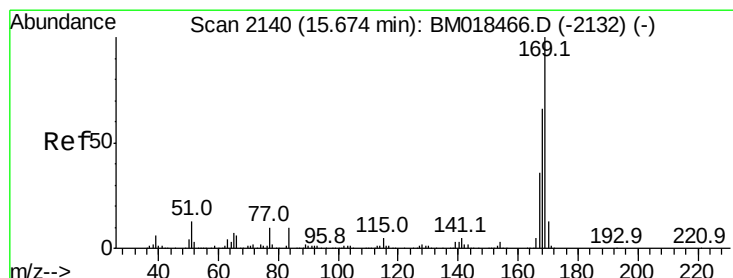
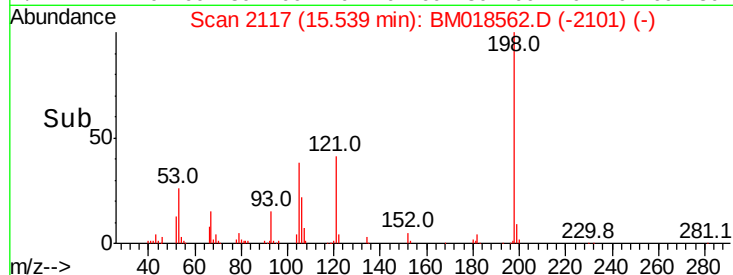
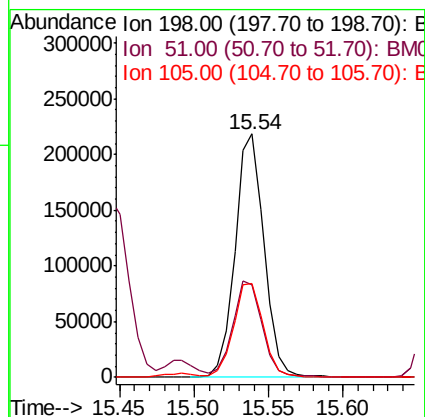
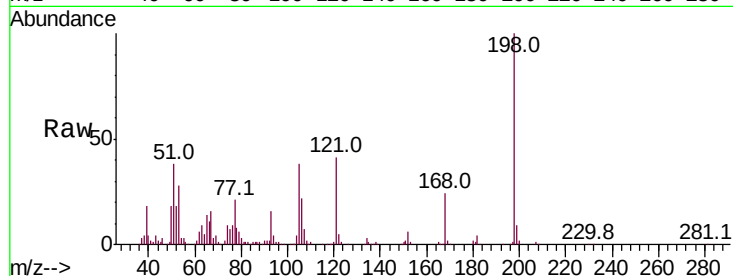




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.332 ng  
RT: 15.54 min Scan# 2117  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

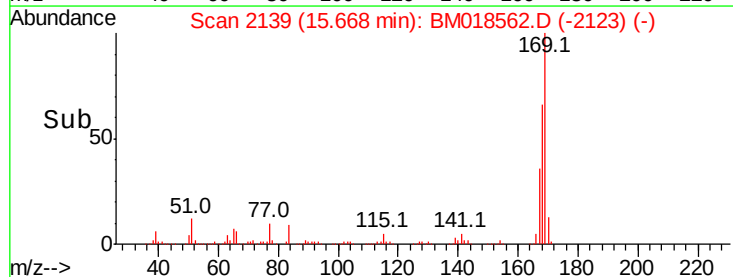
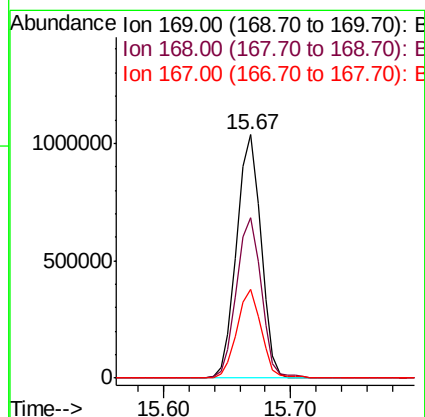
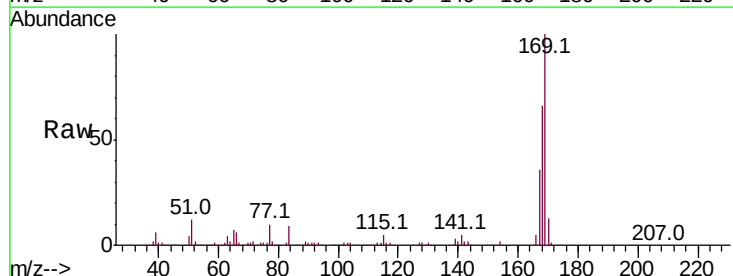
Instrument :  
BNA\_M  
ClientSampled :

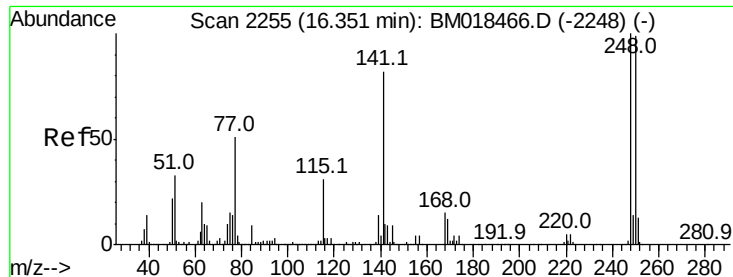
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 38.1  | 29.6  | 69.6  |
| 105     | 38.3  | 25.5  | 65.5  |



#66  
n-Nitrosodiphenylamine  
Concen: 40.737 ng  
RT: 15.67 min Scan# 2139  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.1  | 54.1  | 81.1  |
| 167     | 36.3  | 28.6  | 42.8  |

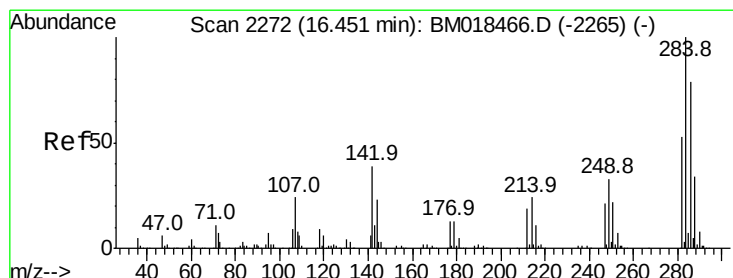
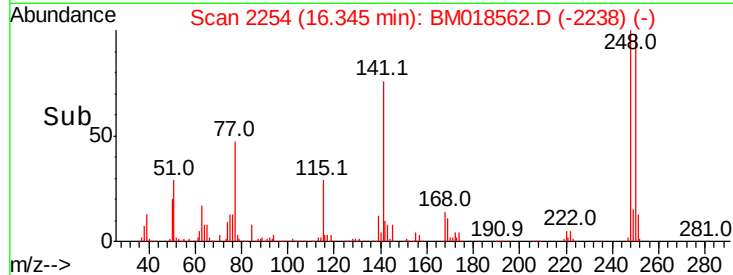
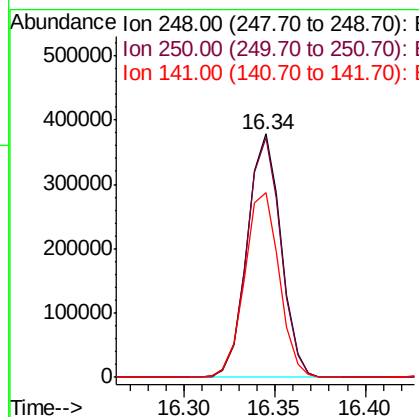
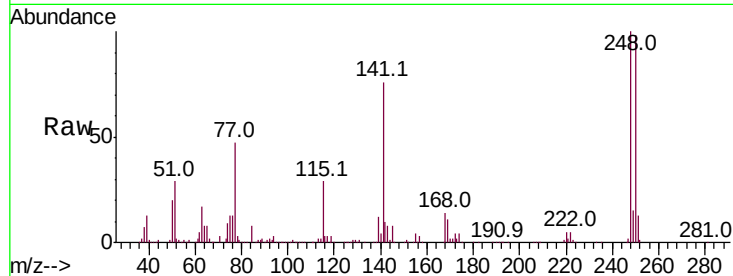




#67  
 4-Bromophenyl-phenylether  
 Concen: 40.321 ng  
 RT: 16.34 min Scan# 2254  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

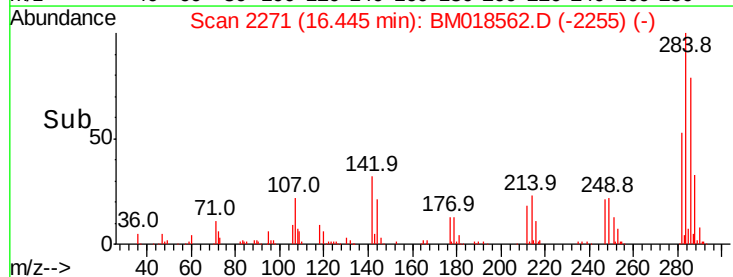
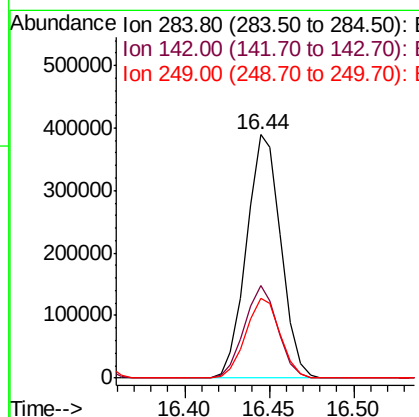
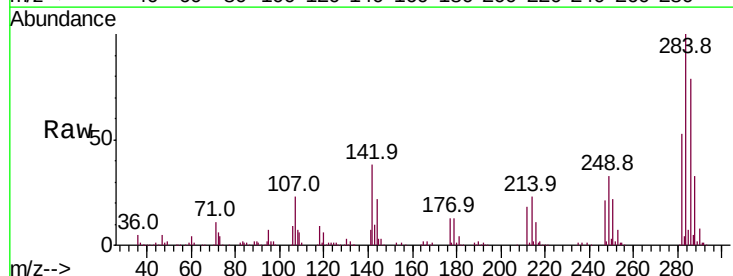
Instrument :  
 BNA\_M  
 ClientSampled :

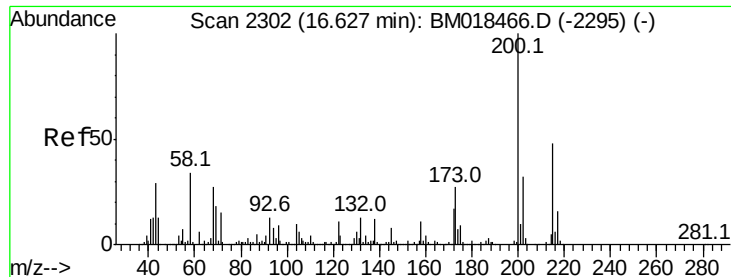
|             |       |            |
|-------------|-------|------------|
| Tot Ion:248 | Resp: | 489645     |
| Ion Ratio   | Lower | Upper      |
| 248         | 100   |            |
| 250         | 98.3  | 76.0 114.0 |
| 141         | 75.6  | 61.5 92.3  |



#68  
 Hexachlorobenzene  
 Concen: 40.529 ng  
 RT: 16.44 min Scan# 2271  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:284 | Resp: | 550986    |
| Ion Ratio   | Lower | Upper     |
| 284         | 100   |           |
| 142         | 37.8  | 29.2 43.8 |
| 249         | 32.6  | 26.1 39.1 |

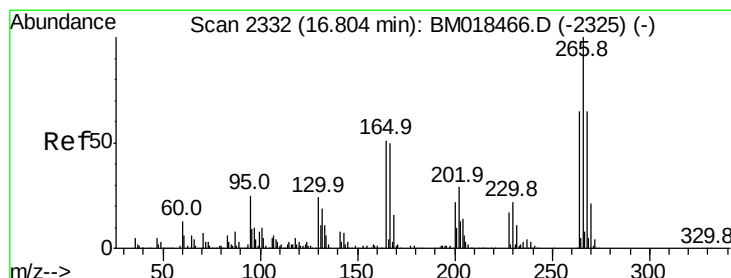
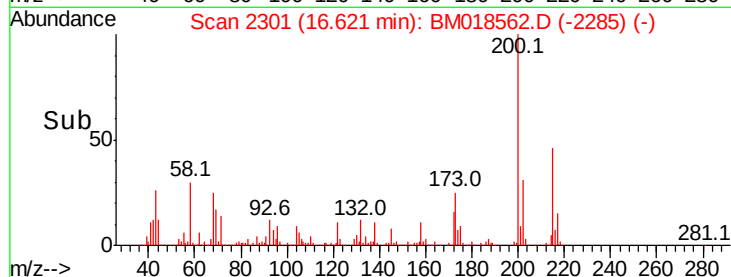
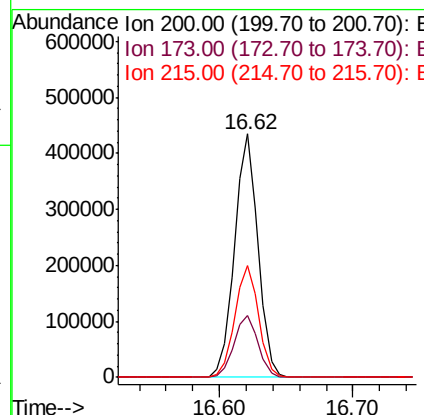
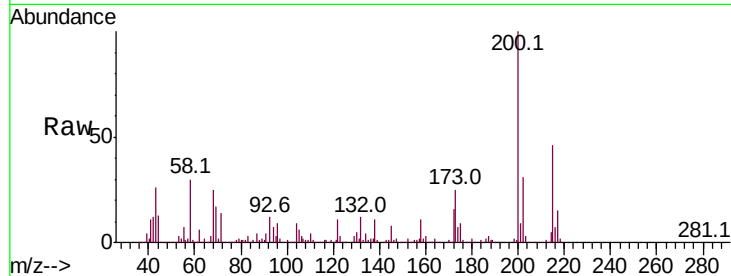




#69  
 Atrazine  
 Concen: 43.863 ng  
 RT: 16.62 min Scan# 2301  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

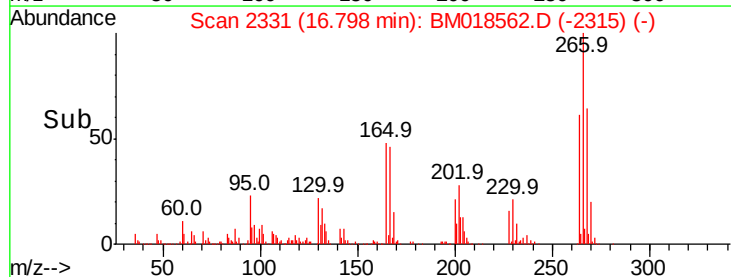
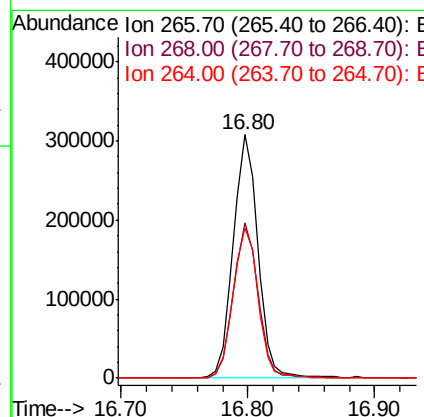
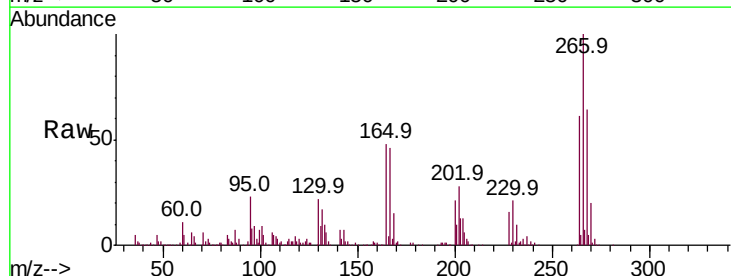
Instrument :  
 BNA\_M  
 ClientSampled :

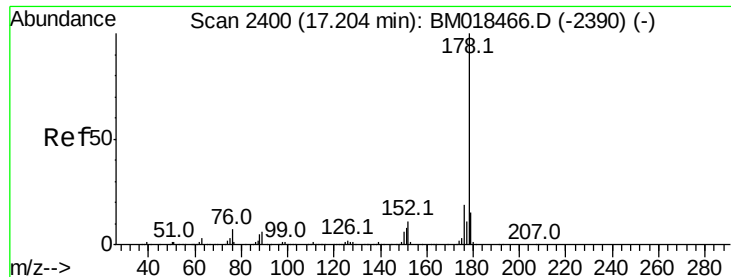
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.3  | 7.2   | 47.2  |
| 215     | 45.8  | 28.3  | 68.3  |



#70  
 Pentachlorophenol  
 Concen: 46.547 ng  
 RT: 16.80 min Scan# 2331  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.0  | 49.8  | 74.6  |
| 264     | 61.5  | 50.1  | 75.1  |

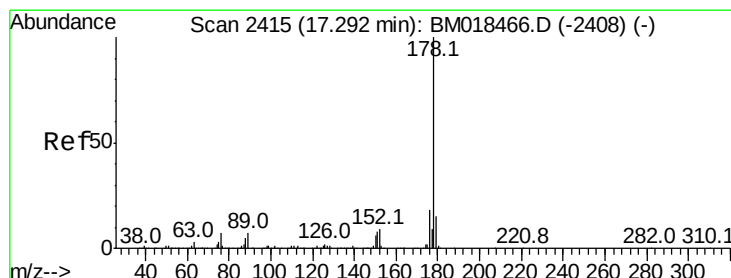
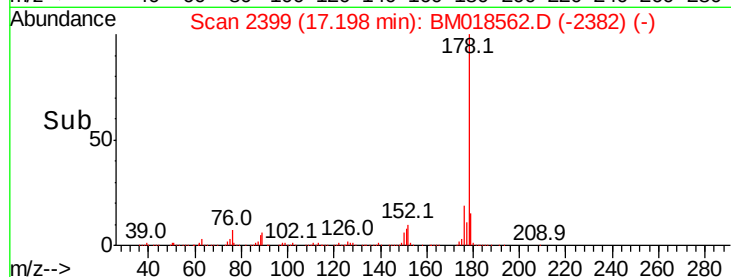
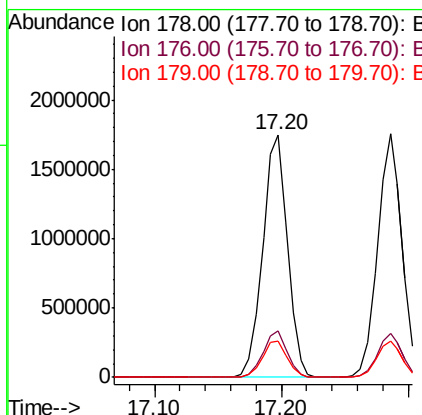
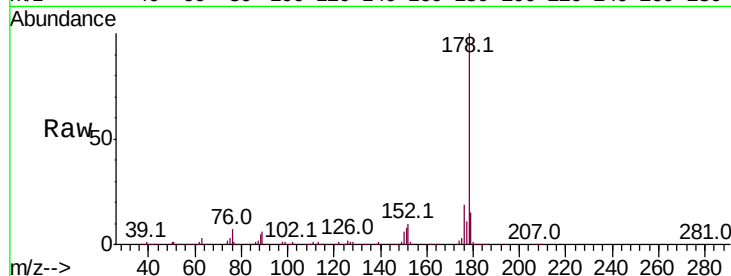




#71  
Phenanthrene  
Concen: 41.085 ng  
RT: 17.20 min Scan# 2399  
Delta R.T. -0.00 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

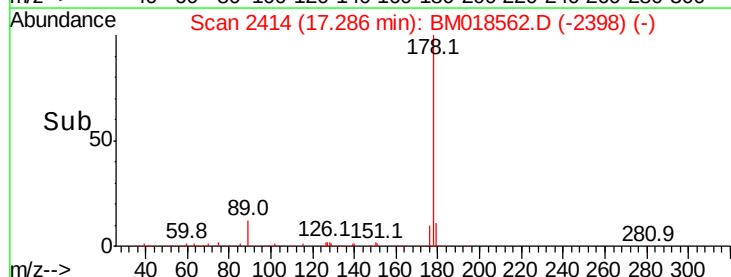
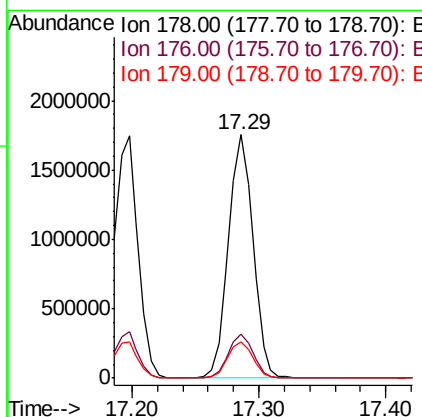
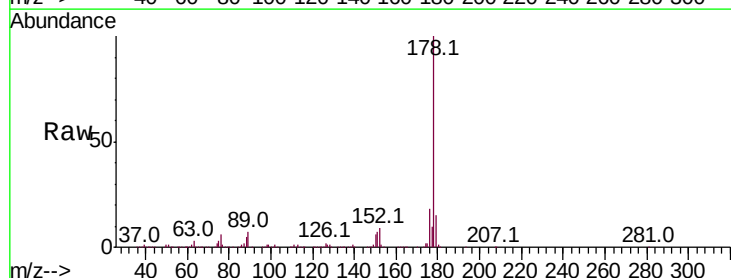
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:178 Resp: 2371445  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.0  
179 15.1 12.2 18.4

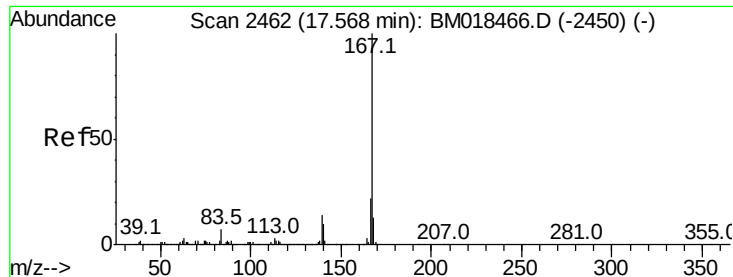


#72  
Anthracene  
Concen: 42.426 ng  
RT: 17.29 min Scan# 2414  
Delta R.T. -0.01 min  
Lab File: BM018562.D  
Acq: 14 Jan 2019 21:34

Tgt Ion:178 Resp: 2354815  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.7 22.1  
179 15.1 12.2 18.4





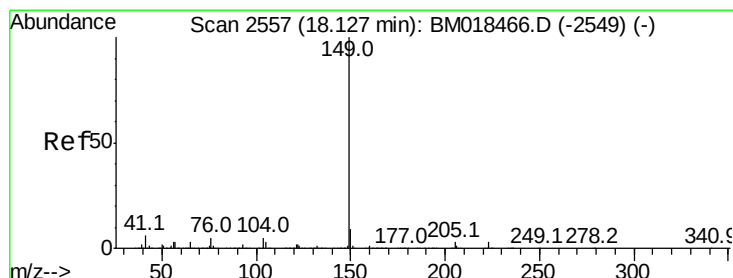
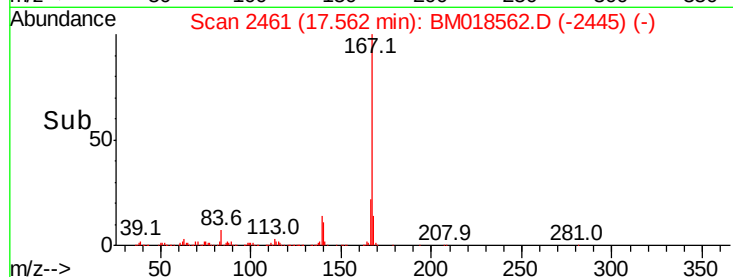
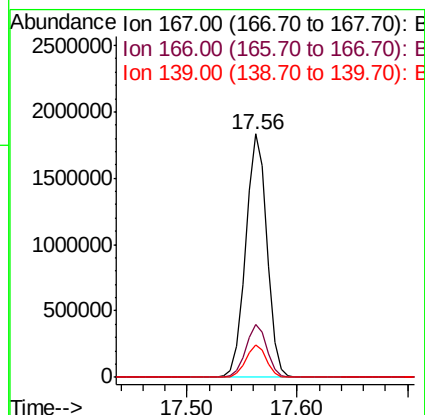
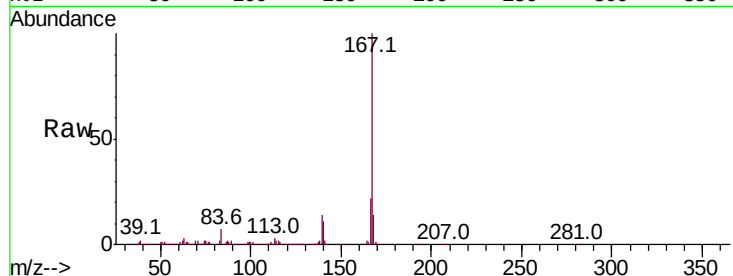


#73  
 Carbazole  
 Concen: 43.581 ng  
 RT: 17.56 min Scan# 2461  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:167 Resp: 2485198  

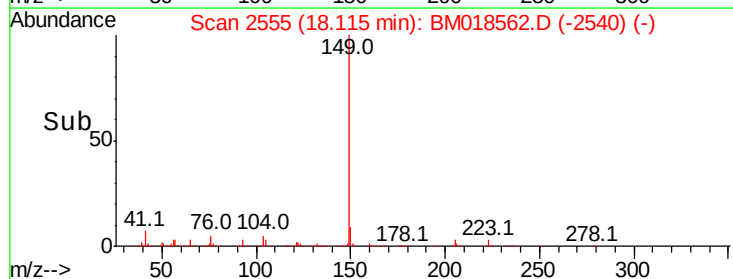
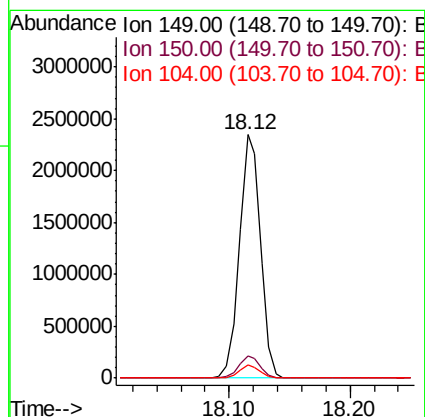
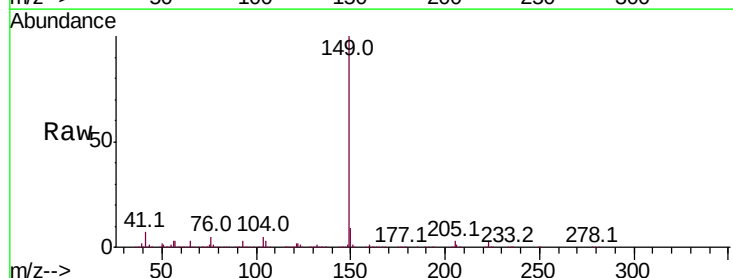
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.4  | 26.2  |
| 139 | 13.5  | 10.6  | 16.0  |

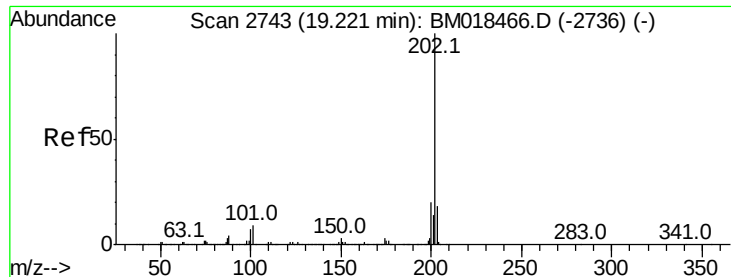


#74  
 Di-n-butylphthalate  
 Concen: 45.553 ng  
 RT: 18.12 min Scan# 2555  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

Tgt Ion:149 Resp: 2845397  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.1   | 7.3   | 10.9  |
| 104 | 5.2   | 4.2   | 6.4   |





#75

Fluoranthene

Concen: 43.668 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampled :

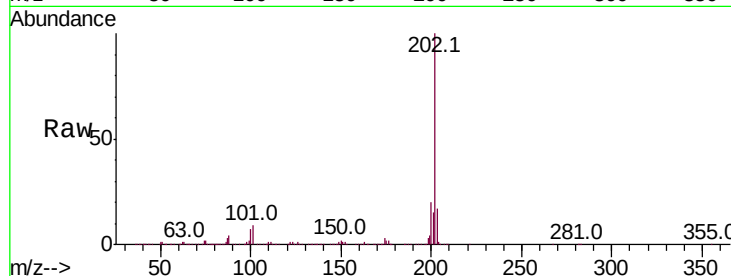
Tot Ion:202 Resp: 2905993

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.9

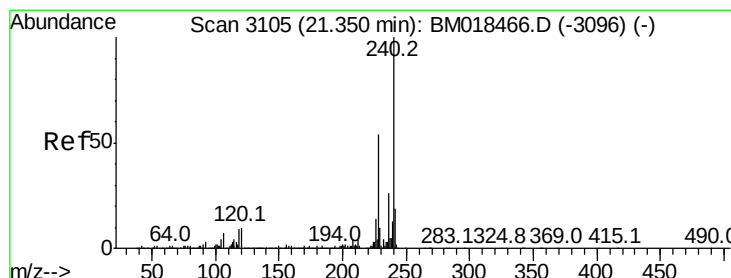
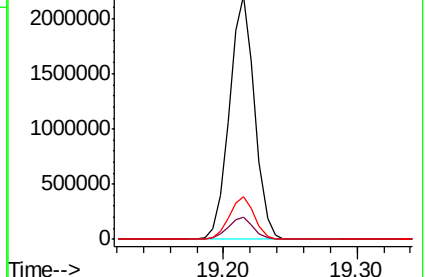
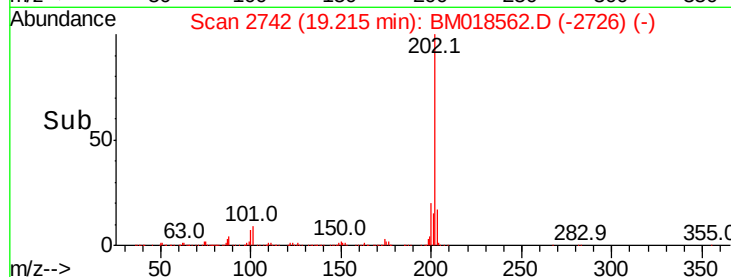
203 17.5 0.0 37.4



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: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

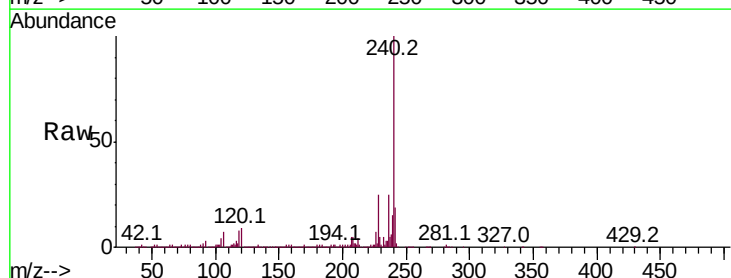
Tgt Ion:240 Resp: 1313239

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

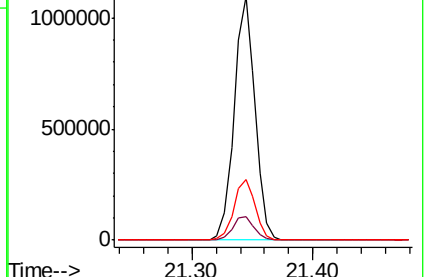
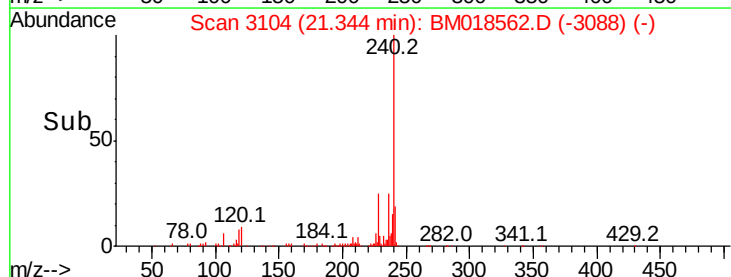
236 25.1 20.7 31.1

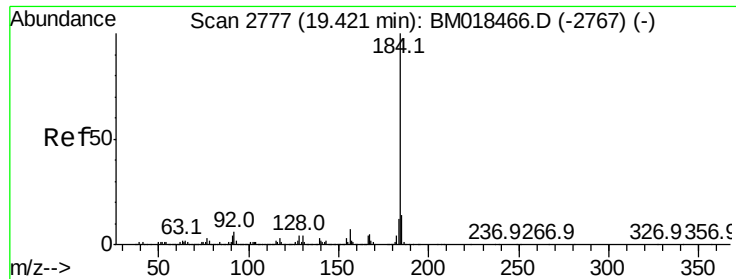


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.610 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

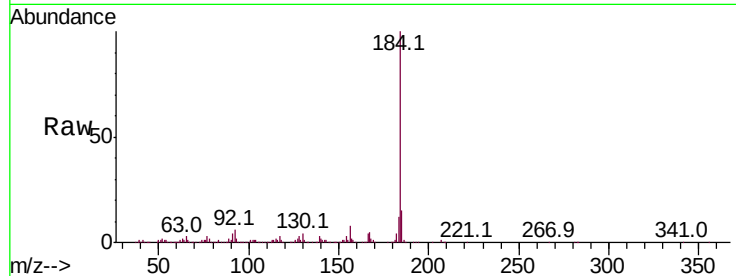
Tot Ion:184 Resp: 1381647

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.6  | 11.4  | 17.0  |
| 183 | 11.7  | 9.5   | 14.3  |

184 100

185 14.6 11.4 17.0

183 11.7 9.5 14.3

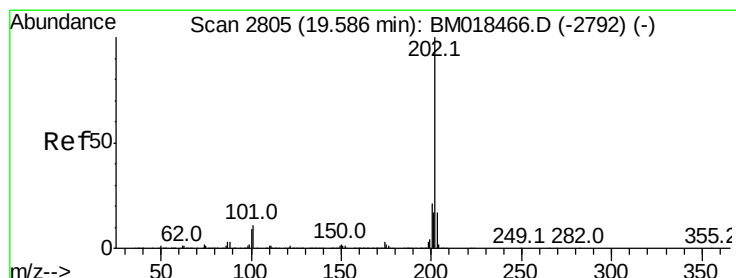
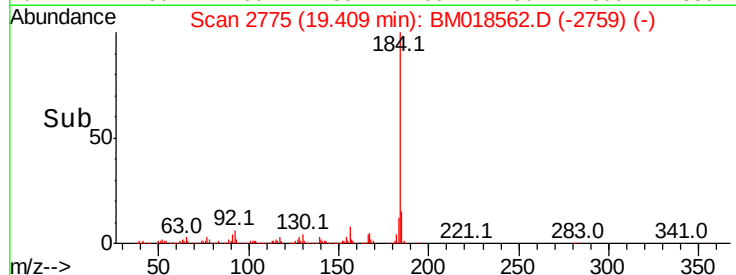
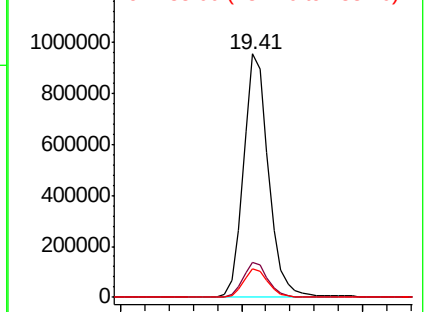


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.613 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

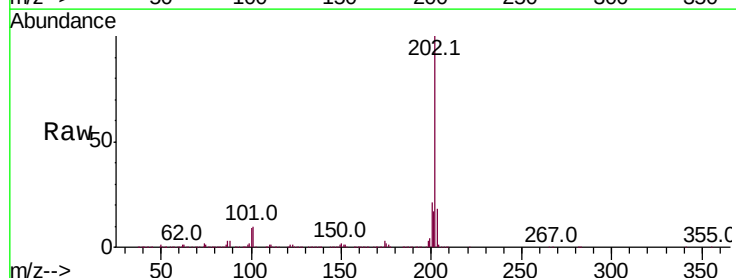
Tgt Ion:202 Resp: 3083553

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.6  | 16.6  | 24.8  |
| 203 | 17.6  | 13.8  | 20.8  |

202 100

200 20.6 16.6 24.8

203 17.6 13.8 20.8

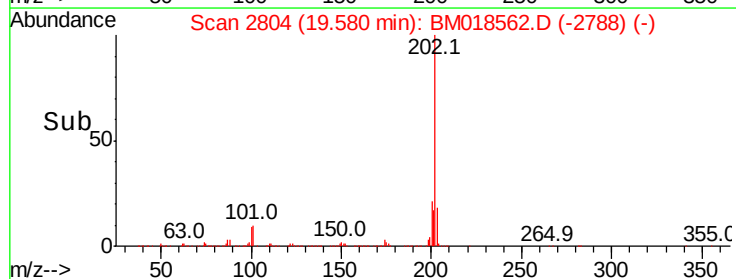
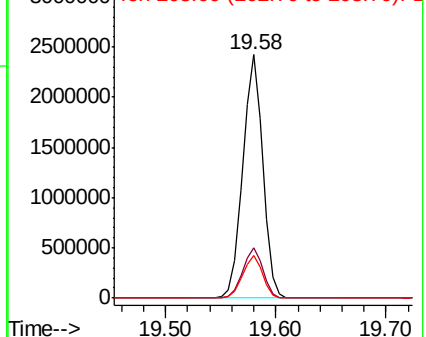


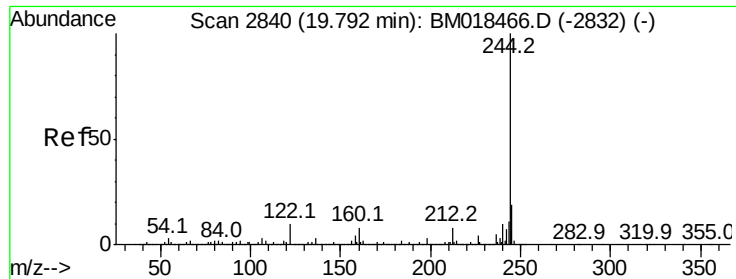
Abundance

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

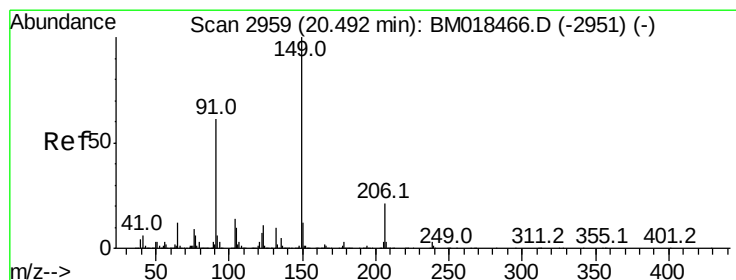
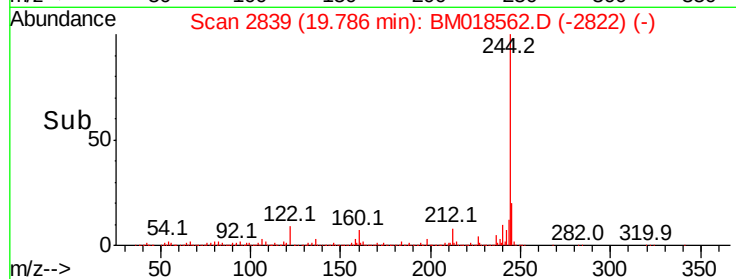
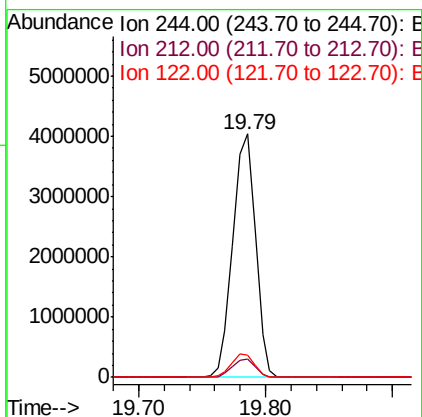
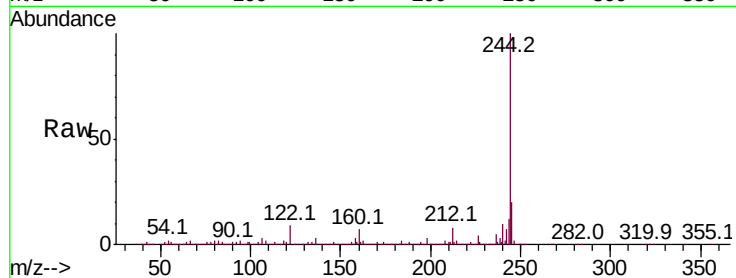




#79  
 Terphenyl-d14  
 Concen: 80.261 ng  
 RT: 19.79 min Scan# 2839  
 Delta R.T. -0.00 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

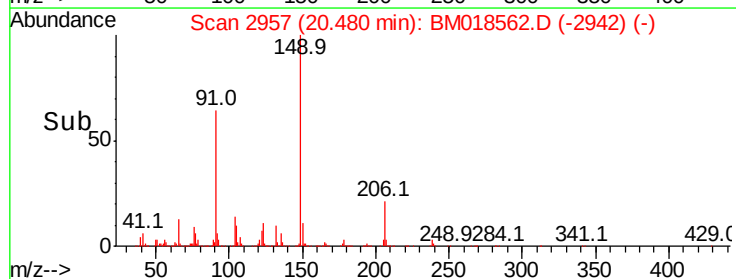
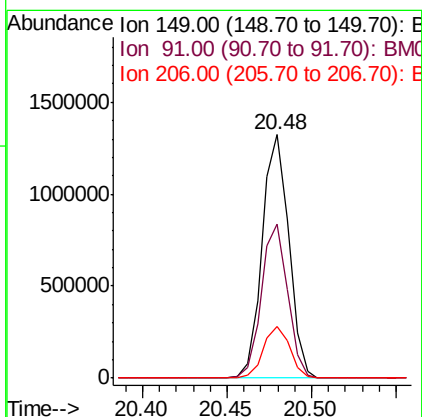
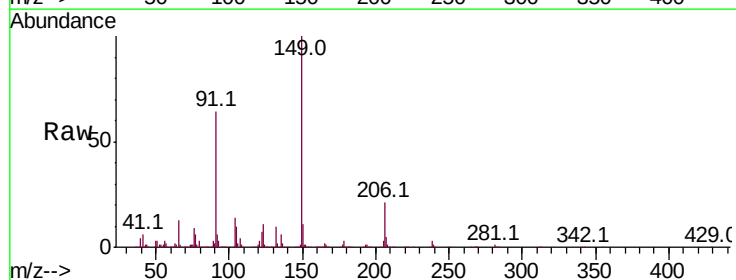
Instrument :  
 BNA\_M  
 ClientSampled :

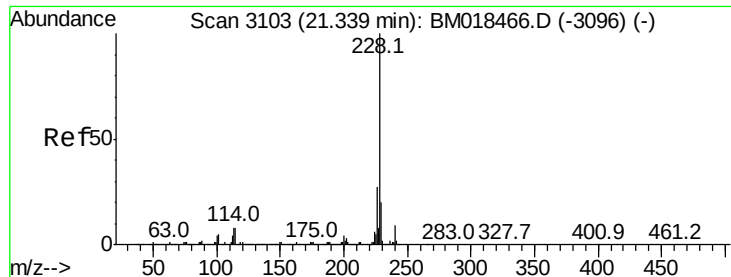
Tot Ion:244 Resp: 5000020  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.9 8.9  
 122 9.1 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 43.360 ng  
 RT: 20.48 min Scan# 2957  
 Delta R.T. -0.01 min  
 Lab File: BM018562.D  
 Acq: 14 Jan 2019 21:34

Tgt Ion:149 Resp: 1440243  
 Ion Ratio Lower Upper  
 149 100  
 91 63.5 53.1 79.7  
 206 21.1 16.2 24.4





#81

Benzo(a)anthracene

Concen: 41.835 ng

RT: 21.33 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

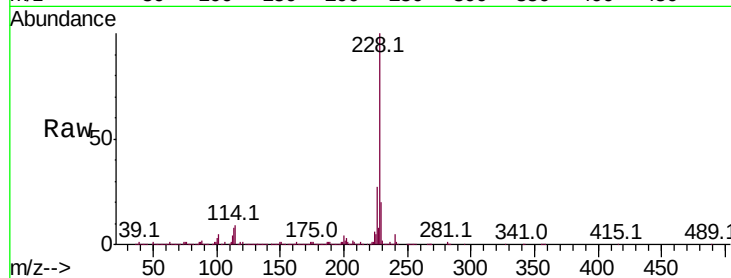
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 3236577

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.8  | 21.8  | 32.6  |
| 229 | 19.7  | 15.8  | 23.8  |

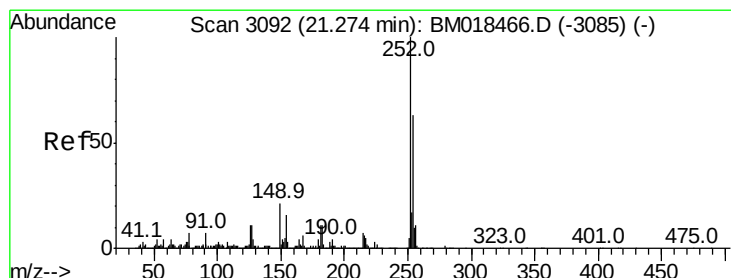
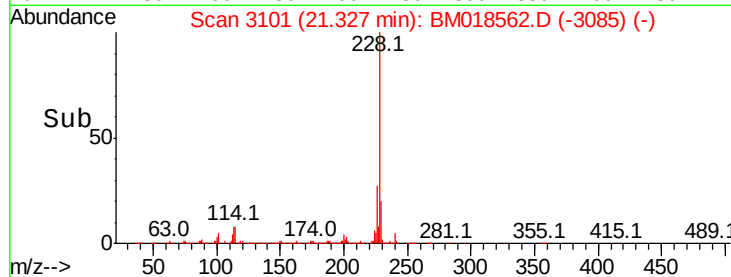
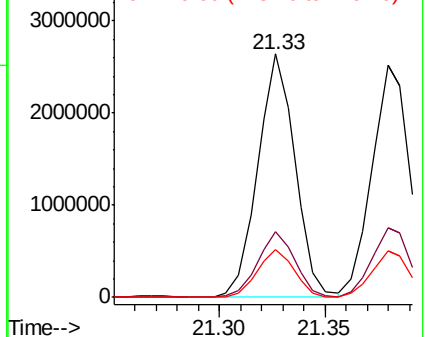


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.516 ng

RT: 21.27 min Scan# 3091

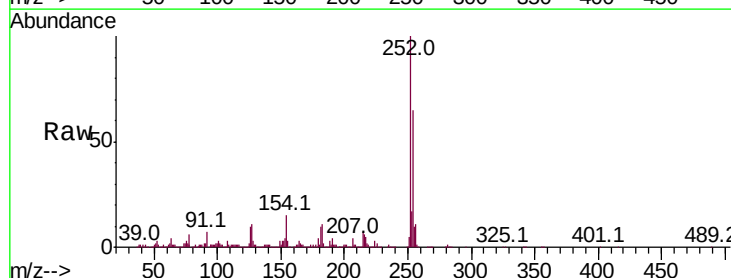
Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Tgt Ion:252 Resp: 1331582

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.0  | 51.4  | 77.0  |
| 126 | 10.3  | 8.7   | 13.1  |

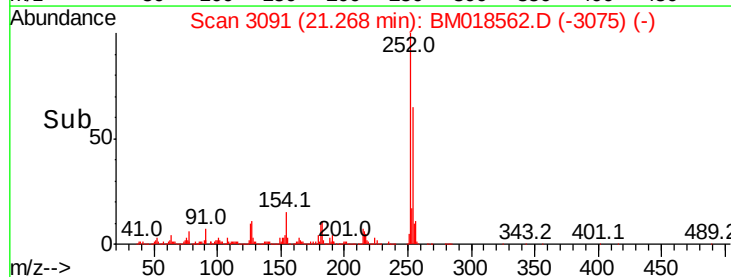
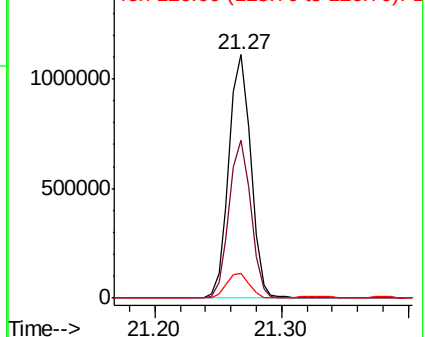


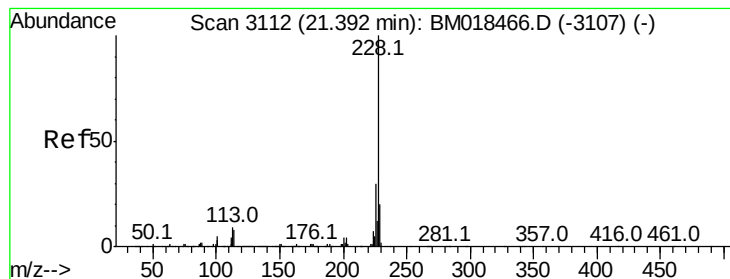
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.615 ng

RT: 21.38 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

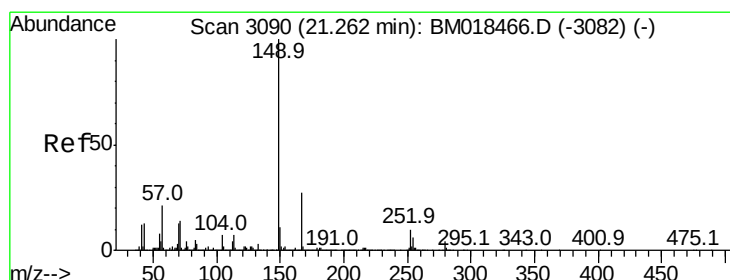
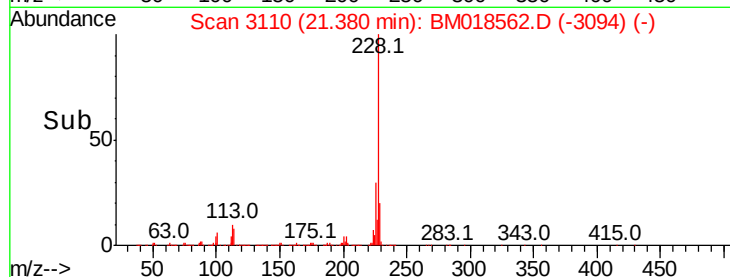
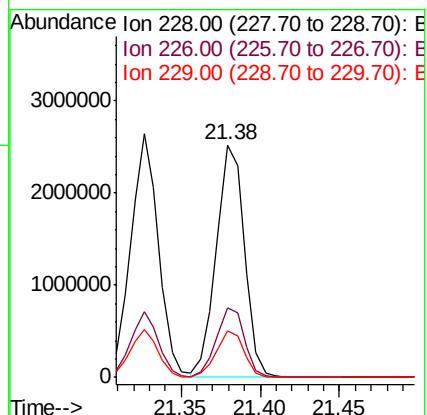
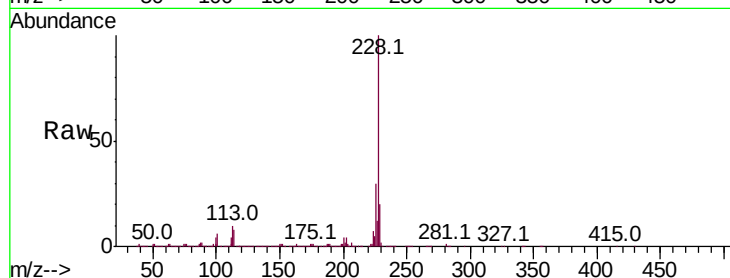
Tot Ion:228 Resp: 3108942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.9  | 24.2  | 36.2  |
| 229 | 19.8  | 15.6  | 23.4  |

228 100

226 29.9 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.288 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

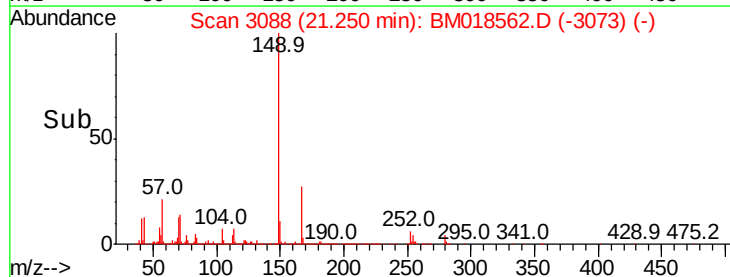
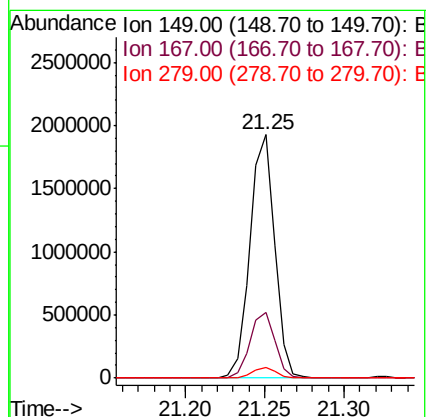
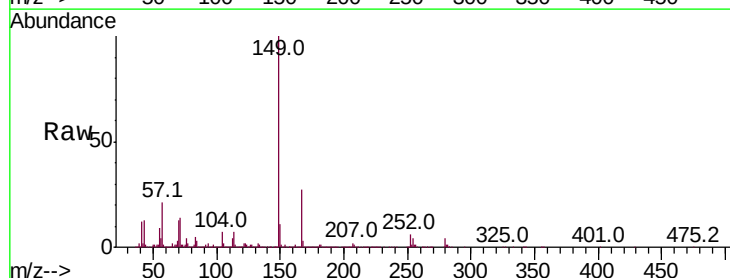
Tgt Ion:149 Resp: 2076260

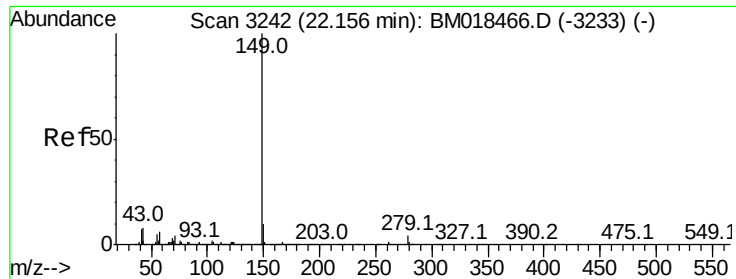
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.2  | 21.6  | 32.4  |
| 279 | 4.3   | 3.3   | 4.9   |

149 100

167 27.2 21.6 32.4

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.978 ng

RT: 22.14 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

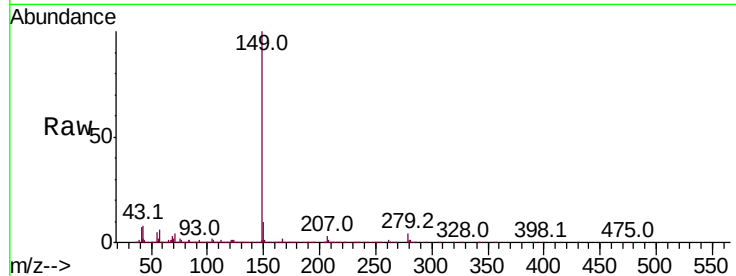
Tot Ion:149 Resp: 3709084

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

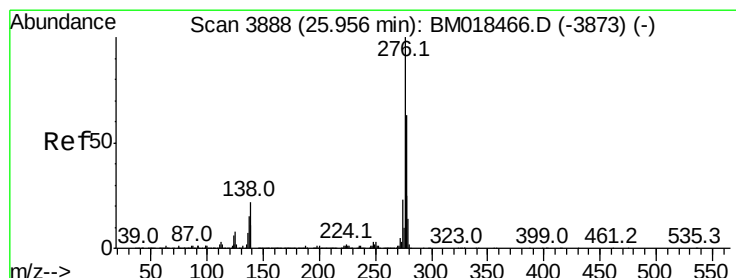
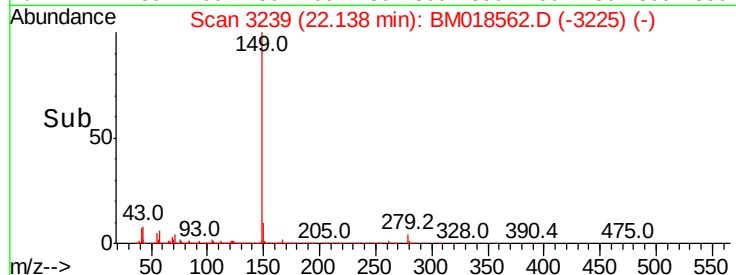
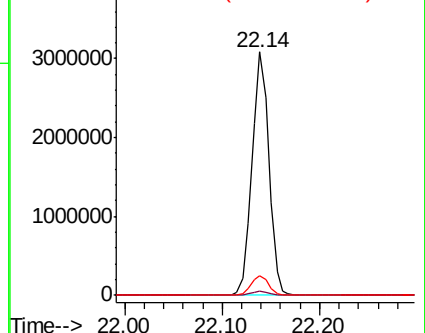
43 8.4 8.6 12.8#



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: 52.641 ng

RT: 25.95 min Scan# 3887

Delta R.T. 0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

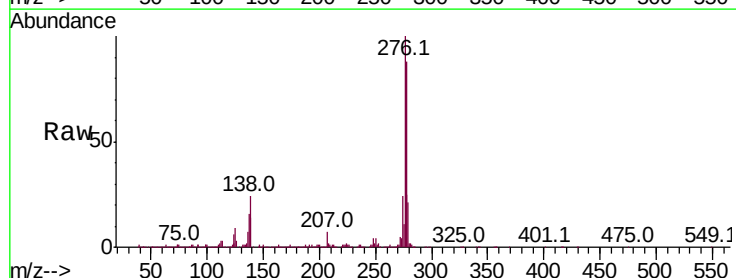
Tgt Ion:276 Resp: 4534765

Ion Ratio Lower Upper

276 100

138 23.4 21.5 32.3

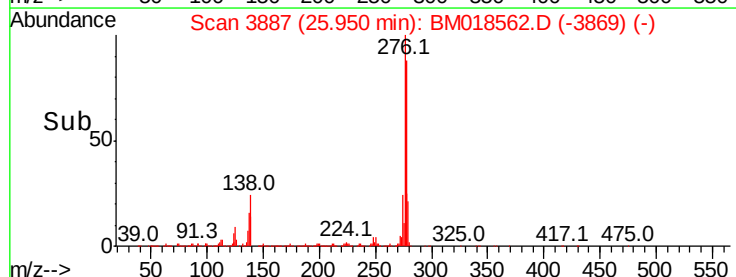
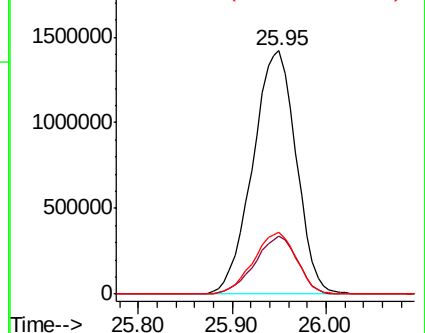
277 25.2 20.2 30.2

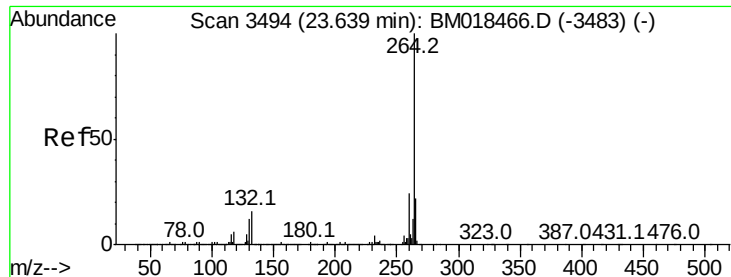


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampled :

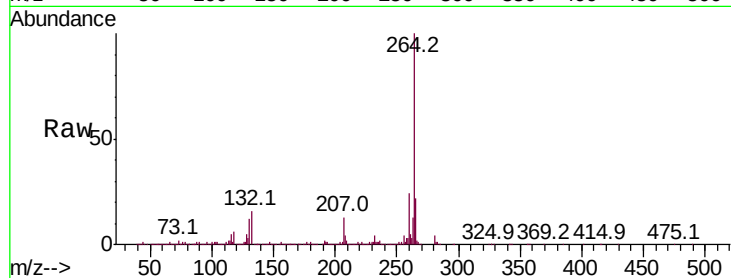
Tot Ion:264 Resp: 1527225

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.8 16.8 25.2

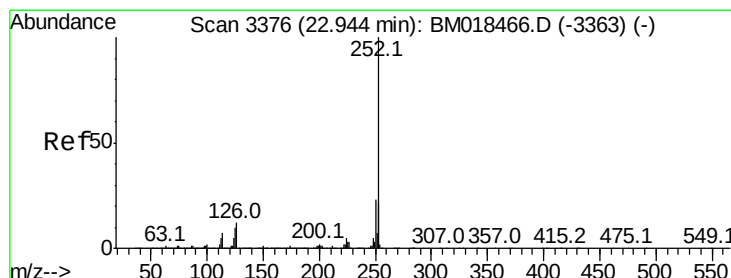
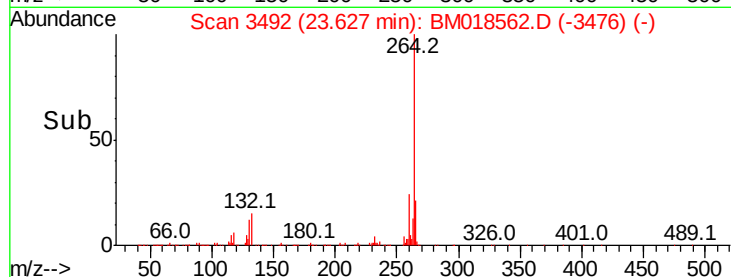
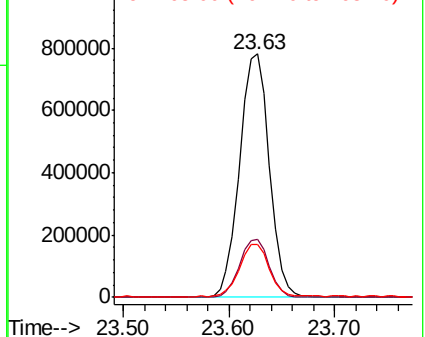


Abundance

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: 38.045 ng

RT: 22.98 min Scan# 3382

Delta R.T. 0.04 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

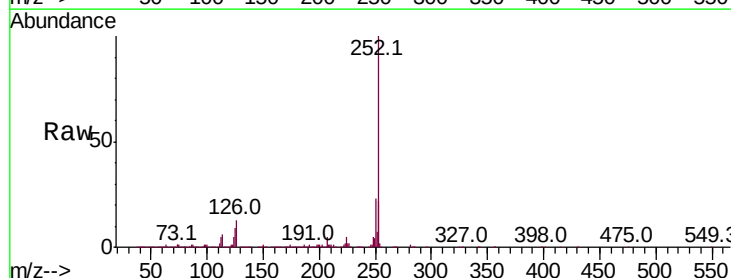
Tgt Ion:252 Resp: 3298684

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 9.3 8.5 12.7

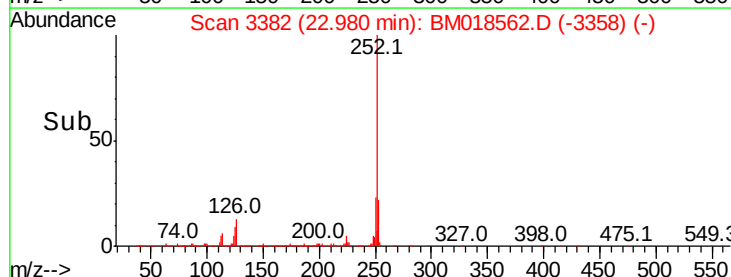
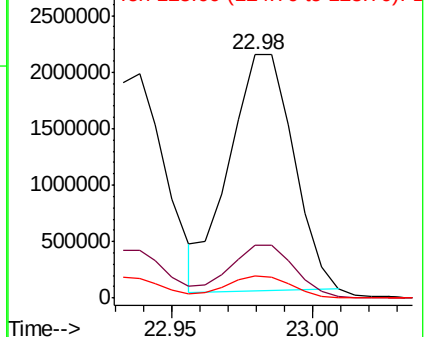


Abundance

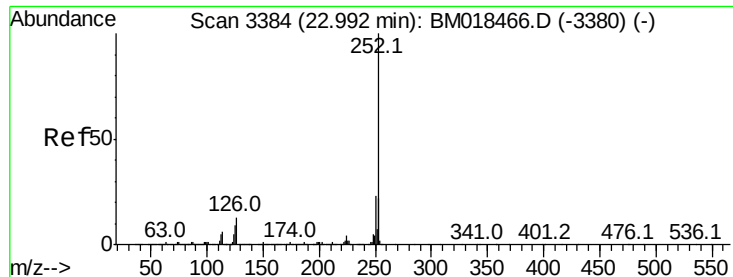
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 40.253 ng

RT: 22.98 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Instrument :

BNA\_M

ClientSampleId :

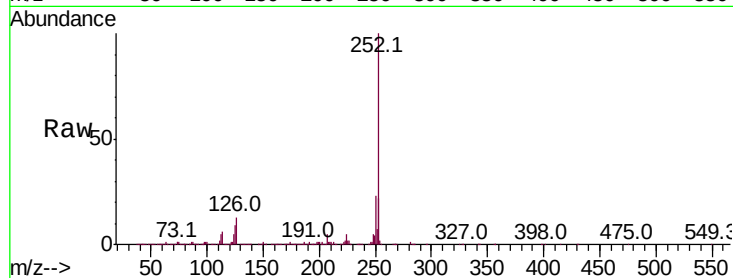
Tot Ion:252 Resp: 3517259

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.3 8.6 12.8

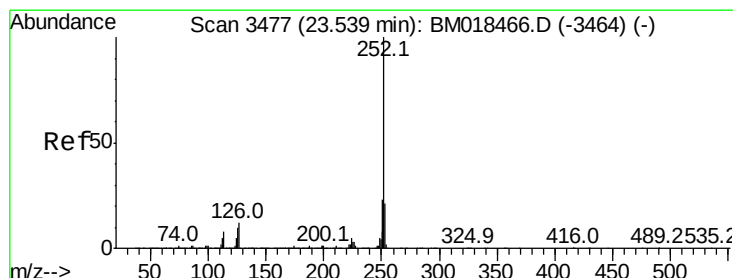
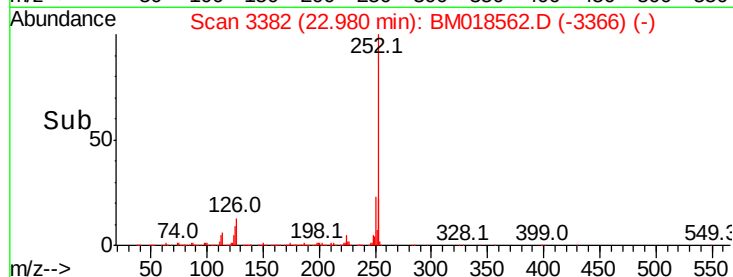
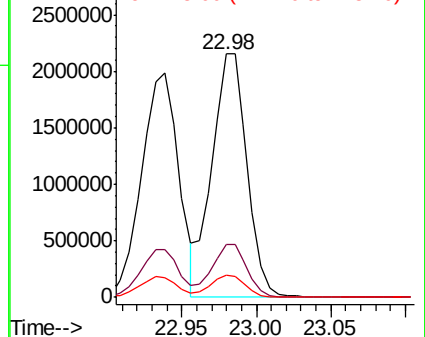


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.373 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

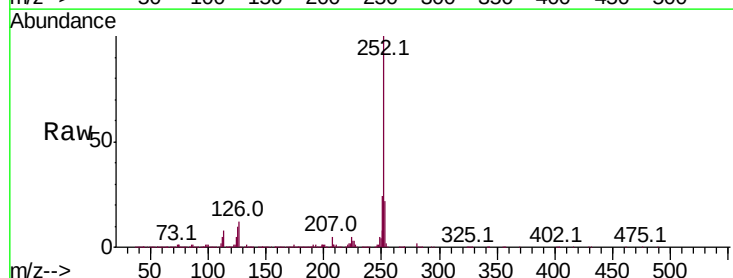
Tgt Ion:252 Resp: 3434237

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.3 9.7 14.5

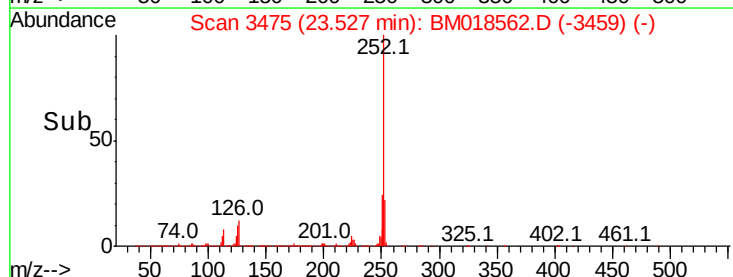
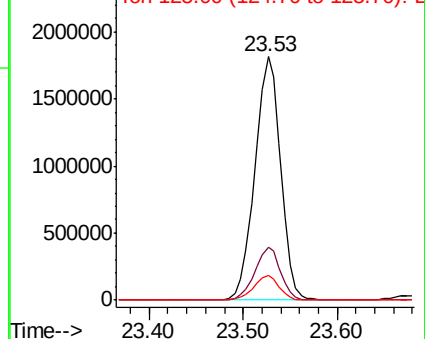


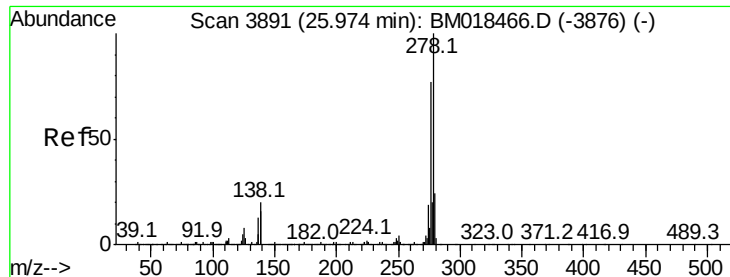
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 45.380 ng

RT: 25.96 min Scan# 3889

Delta R.T. -0.00 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

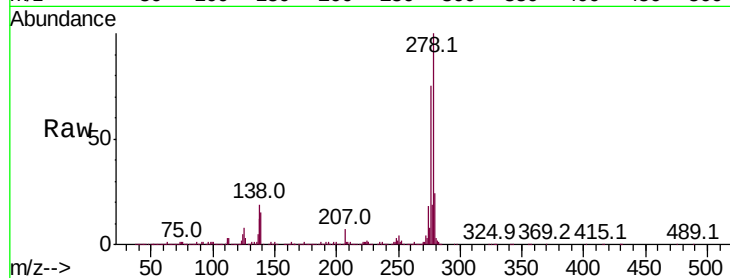
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:278 Resp: 3816785

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.8  | 13.2  | 19.8  |
| 279 | 23.8  | 19.0  | 28.4  |

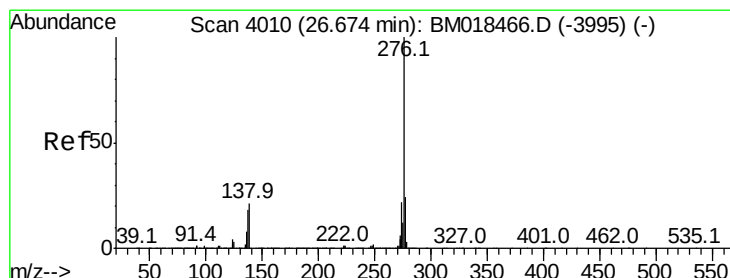
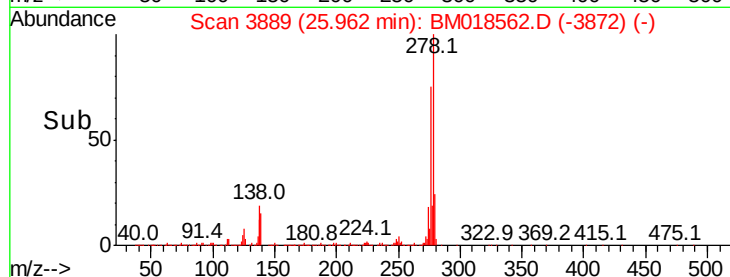
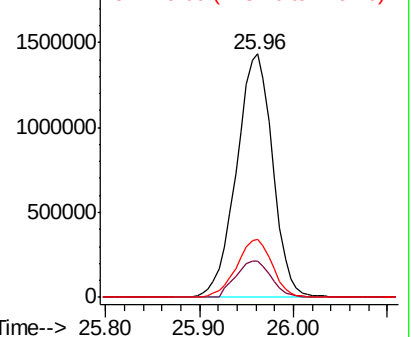


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.406 ng

RT: 26.66 min Scan# 4008

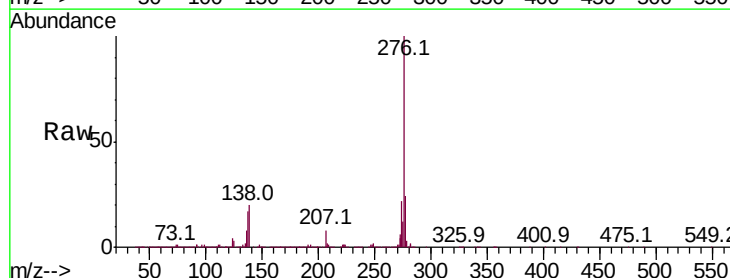
Delta R.T. 0.01 min

Lab File: BM018562.D

Acq: 14 Jan 2019 21:34

Tgt Ion:276 Resp: 3798192

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.5  | 19.0  | 28.4  |
| 138 | 19.8  | 18.1  | 27.1  |



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

