

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\  
 Data File : BM015787.D  
 Acq On : 06 Jul 2018 05:51  
 Operator : SJ/JU  
 Sample : PB110790BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 06 06:58:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 05 17:39:50 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.31  | 152  | 124144   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.14 | 136  | 508032   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.93 | 164  | 296714   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.66 | 188  | 633587   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.76 | 240  | 598085   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.17 | 264  | 454810   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.82  | 112  | 1275905  | 176.26 | ng    | 0.00     |
| 7) Phenol-d6                | 7.48  | 99   | 1651694  | 166.67 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 9.50  | 82   | 1125881  | 108.13 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.42 | 330  | 736906   | 190.07 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.56 | 172  | 2578442  | 107.89 | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.22 | 244  | 4070120  | 126.23 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|--------------------------------|-------|------|----------|---------|-------|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88   | 107690   | 35.971  | ng    | # 100  |
| 3) Pyridine                    | 4.00  | 79   | 298454   | 37.778  | ng    | # 79   |
| 4) n-Nitrosodimethylamine      | 3.92  | 42   | 270856   | 44.031  | ng    | # 42   |
| 6) Aniline                     | 7.63  | 93   | 407679   | 33.932  | ng    | 92     |
| 8) 2-Chlorophenol              | 7.87  | 128  | 441187   | 50.782  | ng    | 95     |
| 9) Benzaldehyde                | 7.45  | 77   | 193581   | 30.992  | ng    | 90     |
| 10) Phenol                     | 7.50  | 94   | 514131   | 51.632  | ng    | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.73  | 93   | 356270   | 43.982  | ng    | 89     |
| 12) 1,3-Dichlorobenzene        | 8.19  | 146  | 442648   | 45.954  | ng    | # 91   |
| 13) 1,4-Dichlorobenzene        | 8.35  | 146  | 453873   | 45.565  | ng    | # 95   |
| 14) 1,2-Dichlorobenzene        | 8.67  | 146  | 442170   | 45.899  | ng    | # 95   |
| 15) Benzyl Alcohol             | 8.56  | 79   | 406976   | 47.303  | ng    | 88     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.84  | 45   | 559123   | 63.202  | ng    | 99     |
| 17) 2-Methylphenol             | 8.76  | 107  | 354032   | 51.318  | ng    | # 85   |
| 18) Hexachloroethane           | 9.40  | 117  | 186617   | 47.380  | ng    | 94     |
| 19) n-Nitroso-di-n-propylamine | 9.13  | 70   | 338688   | 42.525  | ng    | # 78   |
| 20) 3+4-Methylphenols          | 9.09  | 107  | 480196   | 50.111  | ng    | 90     |
| 22) Acetophenone               | 9.16  | 105  | 634678   | 47.957  | ng    | # 88   |
| 24) Nitrobenzene               | 9.55  | 77   | 520839   | 51.387  | ng    | 98     |
| 25) Isophorone                 | 10.06 | 82   | 881219   | 55.448  | ng    | # 94   |
| 26) 2-Nitrophenol              | 10.26 | 139  | 229414   | 52.564  | ng    | # 66   |
| 27) 2,4-Dimethylphenol         | 10.30 | 122  | 404646   | 61.030  | ng    | # 84   |
| 28) bis(2-Chloroethoxy)methane | 10.54 | 93   | 520061   | 50.228  | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.79 | 162  | 424274   | 57.777  | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 11.00 | 180  | 438166   | 51.373  | ng    | 98     |
| 31) Naphthalene                | 11.19 | 128  | 1327064  | 50.383  | ng    | 100    |
| 32) Benzoic acid               | 10.50 | 122  | 249144   | 42.442  | ng    | 87     |
| 33) 4-Chloroaniline            | 11.30 | 127  | 215238   | 20.043  | ng    | # 88   |
| 34) Hexachlorobutadiene        | 11.45 | 225  | 281931   | 49.530  | ng    | 98     |
| 35) Caprolactam                | 12.13 | 113  | 106559   | 43.755  | ng    | # 86   |
| 36) 4-Chloro-3-methylphenol    | 12.42 | 107  | 471690   | 55.982  | ng    | 89     |
| 37) 2-Methylnaphthalene        | 12.77 | 142  | 1017402  | 54.299  | ng    | # 94   |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.14 | 216  | 503198   | 52.839  | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 13.10 | 237  | 600402   | 128.510 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\  
 Data File : BM015787.D  
 Acq On : 06 Jul 2018 05:51  
 Operator : SJ/JU  
 Sample : PB110790BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

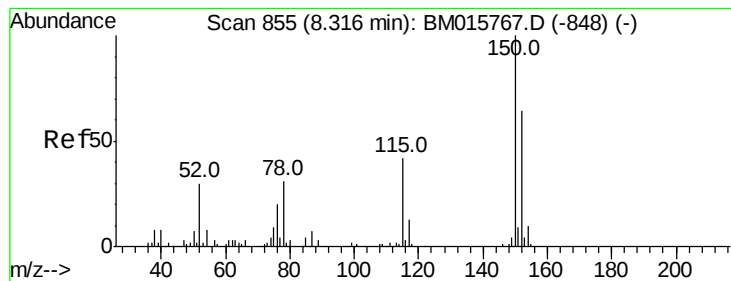
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 06 06:58:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 05 17:39:50 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.38 | 196  | 340018   | 56.484  | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.46 | 196  | 356497   | 54.822  | nq #  | 86       |
| 45) 1,1'-Biphenyl              | 13.77 | 154  | 1300457  | 50.693  | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.82 | 162  | 1007705  | 52.537  | nq #  | 91       |
| 47) 2-Nitroaniline             | 14.03 | 65   | 345638   | 51.674  | nq    | 82       |
| 48) Acenaphthylene             | 14.66 | 152  | 1645602  | 52.740  | nq    | 99       |
| 49) Dimethylphthalate          | 14.39 | 163  | 1314894  | 50.248  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.52 | 165  | 277037   | 54.298  | nq #  | 75       |
| 51) Acenaphthene               | 15.00 | 154  | 953644   | 49.116  | nq    | 97       |
| 52) 3-Nitroaniline             | 14.85 | 138  | 162646   | 29.124  | nq #  | 79       |
| 53) 2,4-Dinitrophenol          | 15.07 | 184  | 286838   | 109.513 | nq #  | 90       |
| 54) Dibenzofuran               | 15.33 | 168  | 1553928  | 51.939  | nq #  | 88       |
| 55) 4-Nitrophenol              | 15.15 | 139  | 460740   | 111.788 | nq #  | 71       |
| 56) 2,4-Dinitrotoluene         | 15.30 | 165  | 393359   | 53.401  | nq    | 95       |
| 57) Fluorene                   | 15.97 | 166  | 1274510  | 51.659  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.55 | 232  | 316584   | 57.693  | nq #  | 100      |
| 59) Diethylphthalate           | 15.73 | 149  | 1397305  | 49.828  | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.95 | 204  | 640986   | 50.490  | nq #  | 90       |
| 61) 4-Nitroaniline             | 16.01 | 138  | 268470   | 46.340  | nq #  | 39       |
| 62) Azobenzene                 | 16.25 | 77   | 1446719  | 55.037  | nq    | 81       |
| 64) 4,6-Dinitro-2-methylphenol | 16.07 | 198  | 196538   | 51.026  | nq    | 89       |
| 65) n-Nitrosodiphenylamine     | 16.17 | 169  | 1089524  | 50.185  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.84 | 248  | 386404   | 54.622  | nq #  | 82       |
| 67) Hexachlorobenzene          | 16.96 | 284  | 419494   | 53.067  | nq #  | 79       |
| 68) Atrazine                   | 17.11 | 200  | 398411   | 55.792  | nq    | 98       |
| 69) Pentachlorophenol          | 17.31 | 266  | 479733   | 98.076  | nq    | 98       |
| 70) Phenanthrene               | 17.70 | 178  | 1913837  | 52.798  | nq    | 99       |
| 71) Anthracene                 | 17.79 | 178  | 1944022  | 54.611  | nq    | 99       |
| 72) Carbazole                  | 18.06 | 167  | 1720318  | 51.861  | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.57 | 149  | 2333247  | 52.186  | nq #  | 98       |
| 74) Fluoranthene               | 19.68 | 202  | 2122305  | 50.930  | nq    | 99       |
| 76) Benzidine                  | 19.86 | 184  | 817356   | 46.644  | nq    | 98       |
| 77) Pyrene                     | 20.04 | 202  | 2128649  | 57.136  | nq    | 100      |
| 79) Butylbenzylphthalate       | 20.89 | 149  | 1014178  | 56.315  | nq #  | 86       |
| 80) Benzo(a)anthracene         | 21.75 | 228  | 1989733  | 52.472  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 385602   | 28.302  | nq    | 99       |
| 82) Chrysene                   | 21.80 | 228  | 1832524  | 51.877  | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 1420734  | 53.392  | nq    | 96       |
| 84) Di-n-octyl phthalate       | 22.55 | 149  | 2214730  | 51.044  | nq #  | 91       |
| 85) Indeno(1,2,3-cd)pyrene     | 26.65 | 276  | 1475126  | 44.947  | nq #  | 93       |
| 87) Benzo(b)fluoranthene       | 23.44 | 252  | 1654887  | 54.499  | nq #  | 96       |
| 88) Benzo(k)fluoranthene       | 23.49 | 252  | 1556764  | 52.777  | nq    | 99       |
| 89) Benzo(a)pyrene             | 24.07 | 252  | 1456534  | 54.491  | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 26.65 | 278  | 1261107  | 52.438  | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 27.41 | 276  | 1135711  | 53.747  | nq #  | 94       |

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



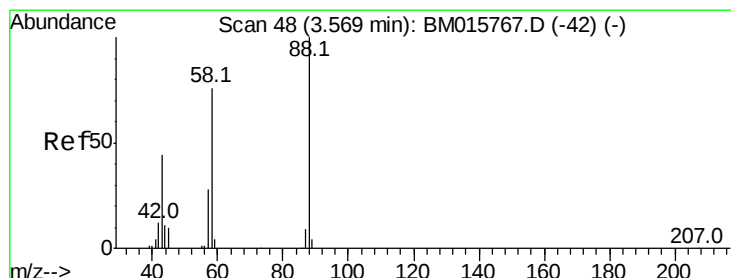
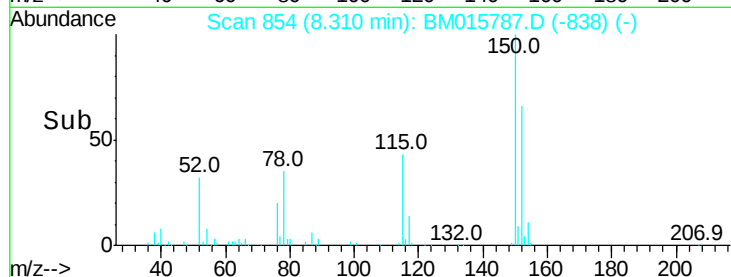
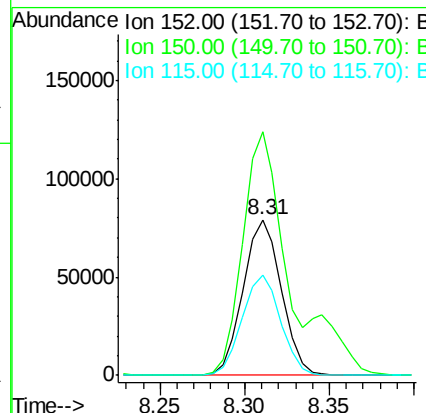
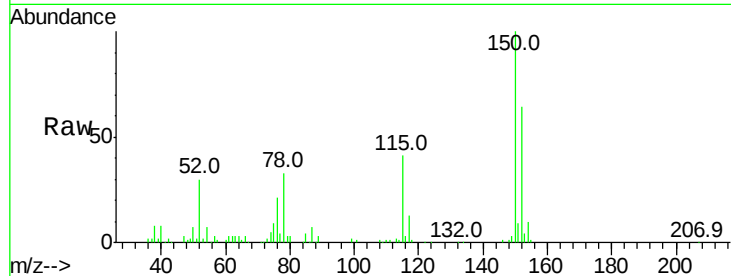


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.31 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Instrument :  
BNA\_M  
ClientSampleId :

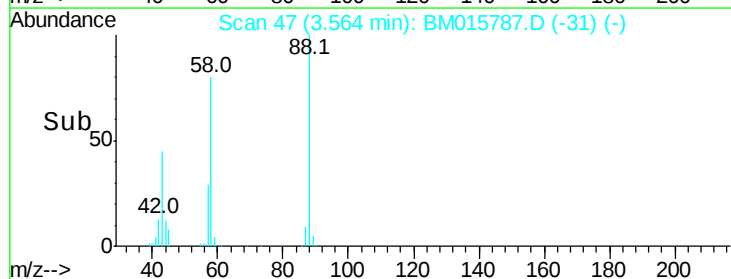
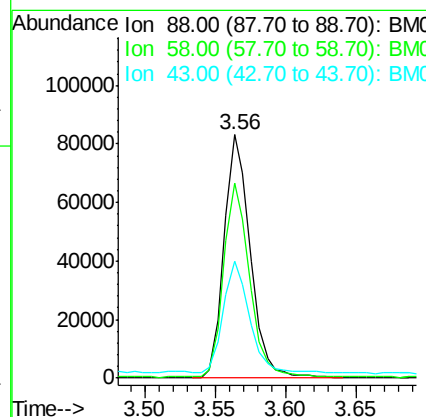
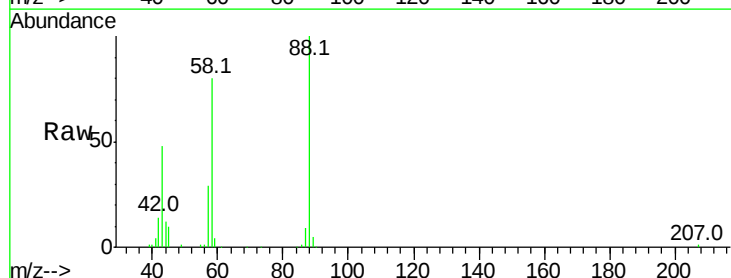
Tot Ion:152 Resp: 124144  
Ion Ratio Lower Upper  
152 100  
150 156.6 119.5 179.3  
115 64.1 43.0 64.4



#2

1,4-Dioxane  
Concen: 35.971 ng  
RT: 3.56 min Scan# 47  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion: 88 Resp: 107690  
Ion Ratio Lower Upper  
88 100  
58 78.4 0.0 0.0#  
43 45.3 0.0 0.0#





#3

Pvridine

Concen: 37.778 ng

RT: 4.00 min Scan# 122

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

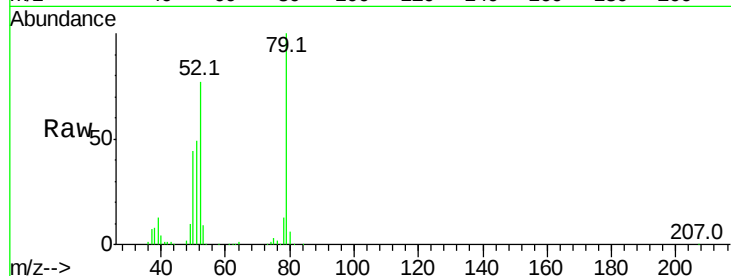
Tot Ion: 79 Resp: 298454

Ion Ratio Lower Upper

79 100

52 77.2 51.1 76.7#

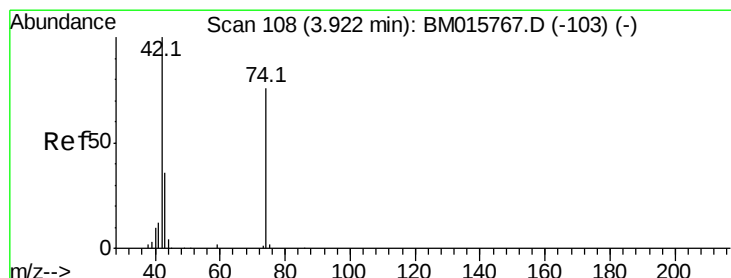
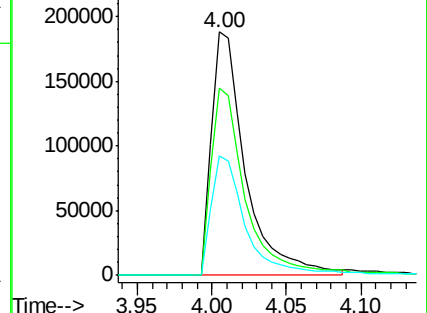
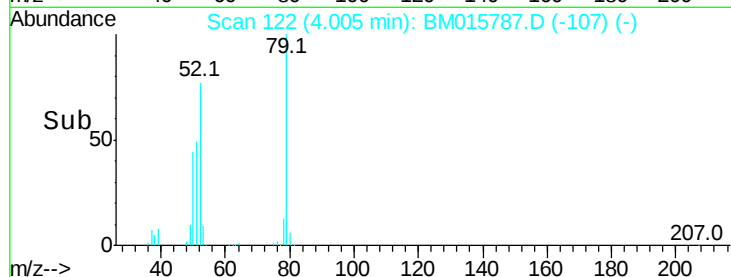
51 48.8 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM015787.D (-120) (-)

Ion 52.00 (51.70 to 52.70): BM015787.D (-120) (-)

Ion 51.00 (50.70 to 51.70): BM015787.D (-120) (-)



#4

n-Nitrosodimethylamine

Concen: 44.031 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

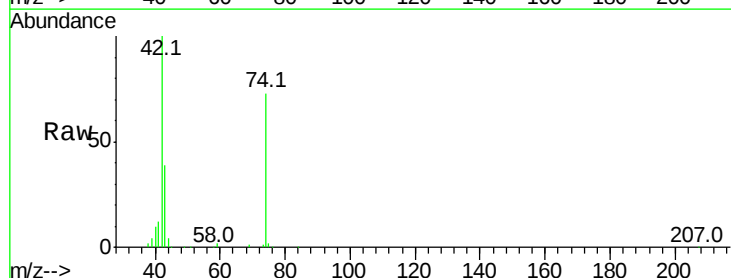
Tgt Ion: 42 Resp: 270856

Ion Ratio Lower Upper

42 100

74 72.9 119.3 178.9#

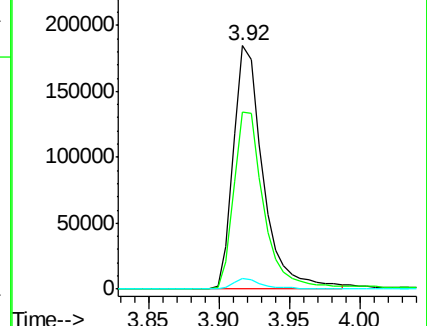
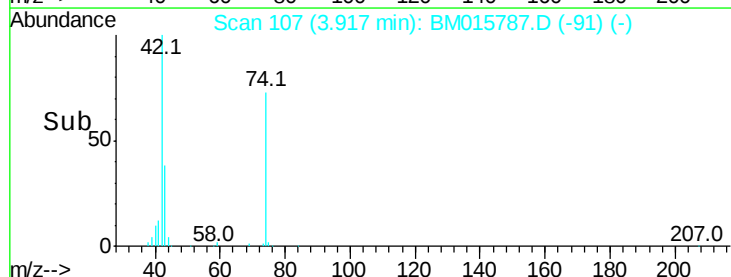
44 4.2 5.4 8.2#

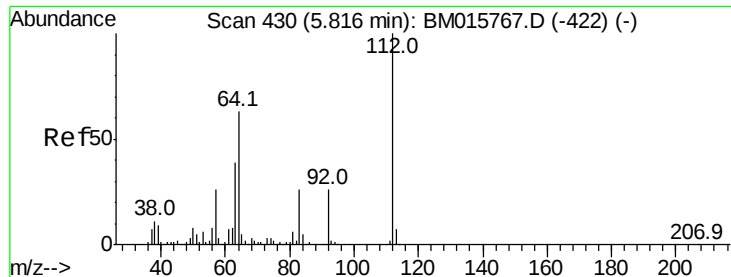


Abundance Ion 42.00 (41.70 to 42.70): BM015787.D (-103) (-)

Ion 74.00 (73.70 to 74.70): BM015787.D (-103) (-)

Ion 44.00 (43.70 to 44.70): BM015787.D (-103) (-)





#5

2-Fluorophenol

Concen: 44.031 ng

RT: 5.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampled :

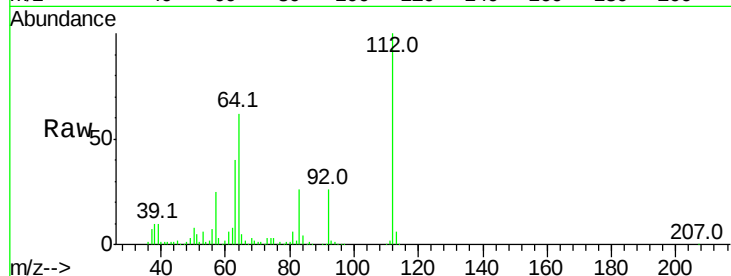
Tot Ion:112 Resp: 1275905

Ion Ratio Lower Upper

112 100

64 61.9 38.6 57.8#

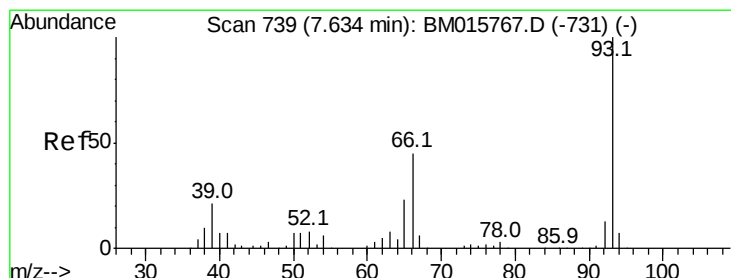
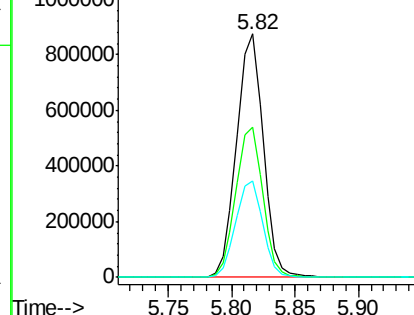
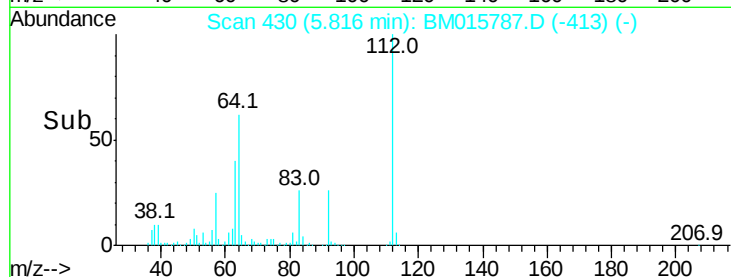
63 39.5 19.3 28.9#



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: 33.932 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

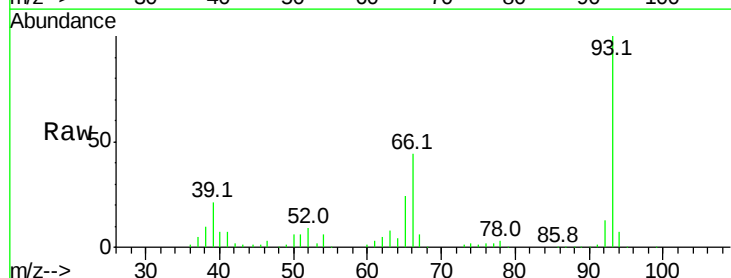
Tgt Ion: 93 Resp: 407679

Ion Ratio Lower Upper

93 100

66 43.7 30.8 46.2

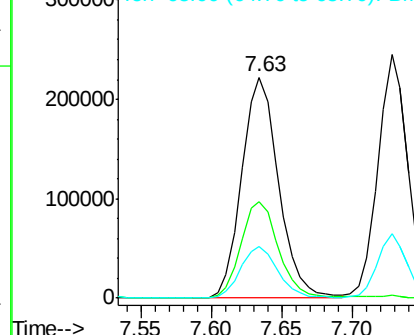
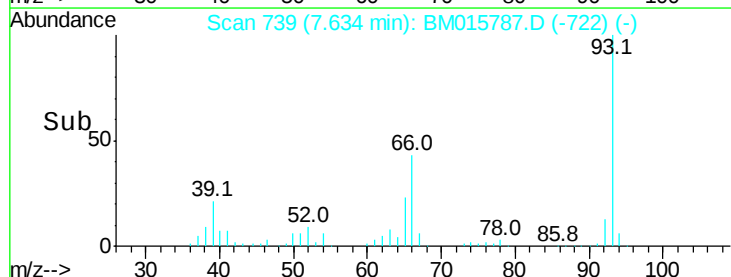
65 23.6 16.0 24.0

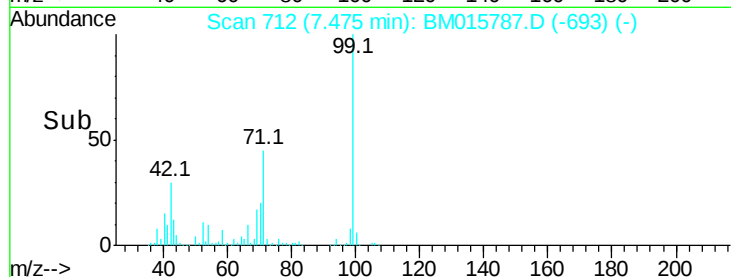
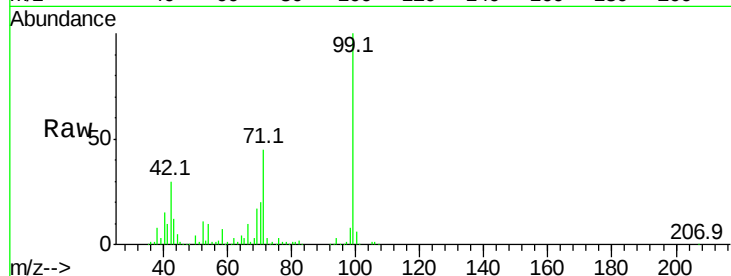


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 33.932 ng

RT: 7.48 min Scan# 712

Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampled :

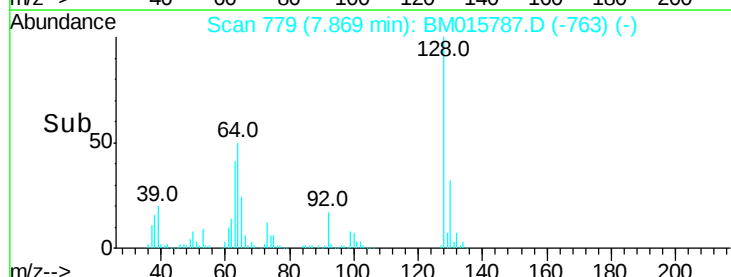
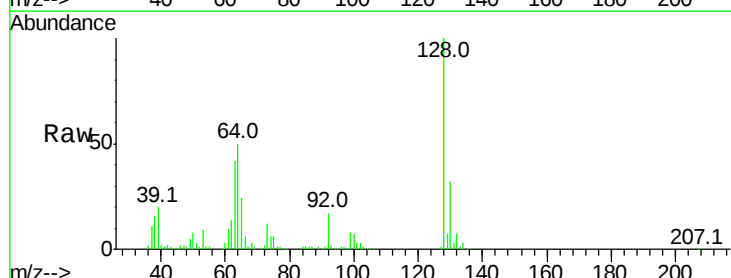
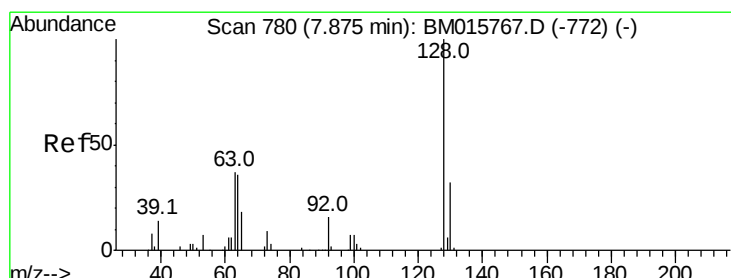
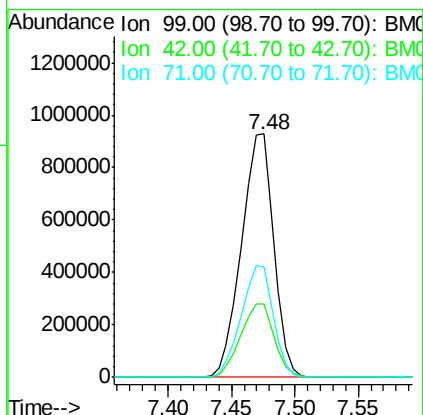
Tot Ion: 99 Resp: 1651694

Ion Ratio Lower Upper

99 100

42 30.2 11.0 16.4#

71 45.3 23.4 35.2#



#8

2-Chlorophenol

Concen: 50.782 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

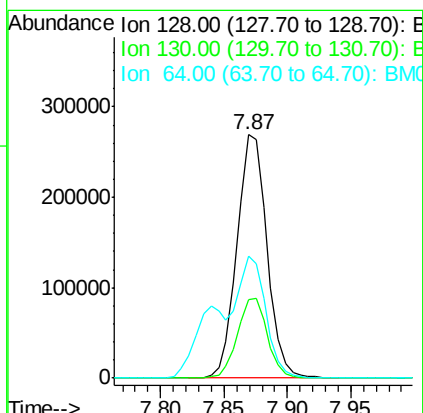
Tgt Ion: 128 Resp: 441187

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 50.4 24.9 64.9





#9

Benzaldehyde

Concen: 30.992 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampled :

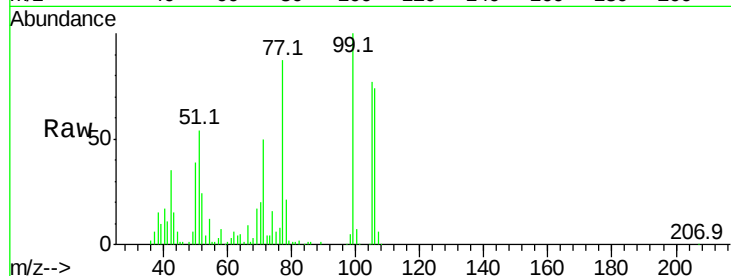
Tot Ion: 77 Resp: 193581

Ion Ratio Lower Upper

77 100

105 88.3 78.8 118.8

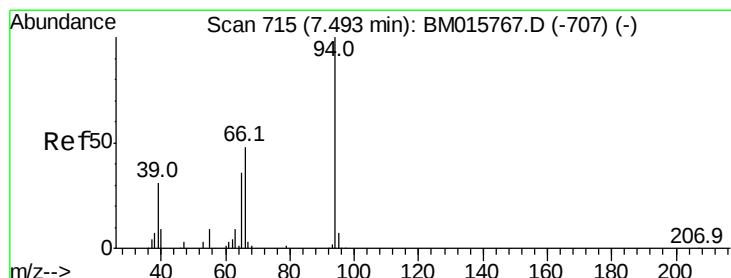
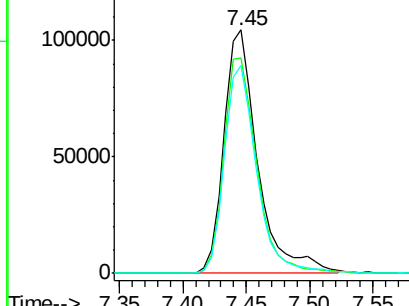
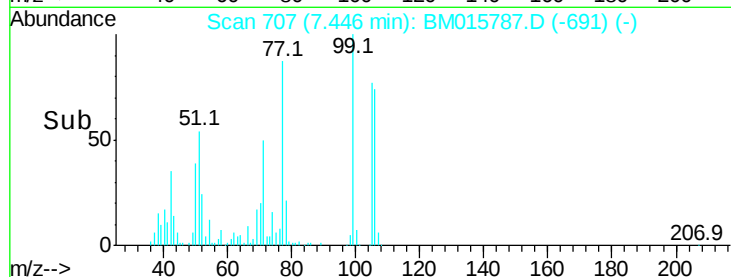
106 85.1 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM015787.D (-691) (-)

Ion 105.00 (104.70 to 105.70): BM015787.D (-691) (-)

Ion 106.00 (105.70 to 106.70): BM015787.D (-691) (-)



#10

Phenol

Concen: 51.632 ng

RT: 7.50 min Scan# 716

Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

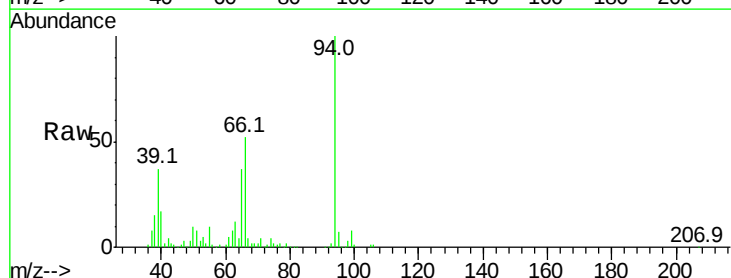
Tgt Ion: 94 Resp: 514131

Ion Ratio Lower Upper

94 100

65 37.3 18.8 58.8

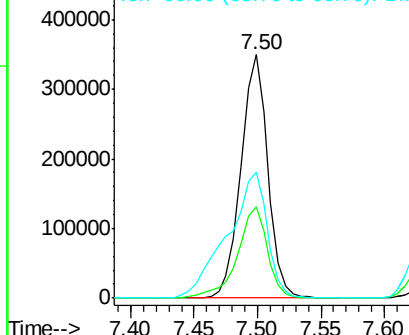
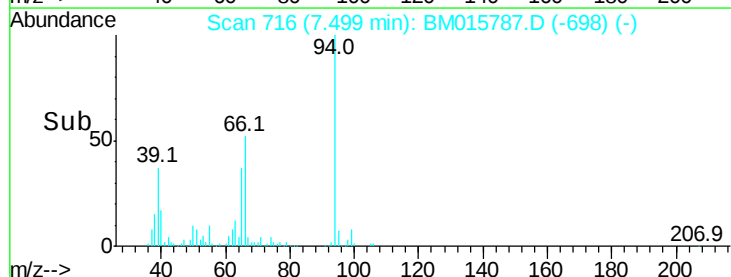
66 51.9 39.9 79.9

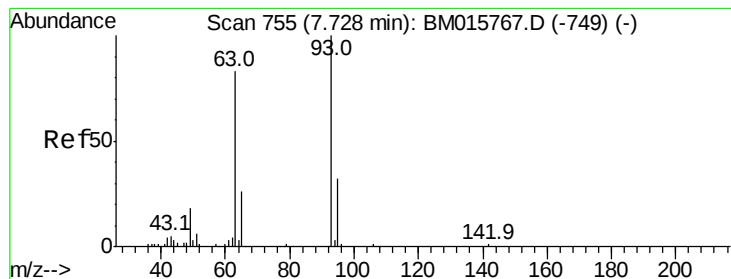


Abundance Ion 94.00 (93.70 to 94.70): BM015787.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BM015787.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BM015787.D (-698) (-)

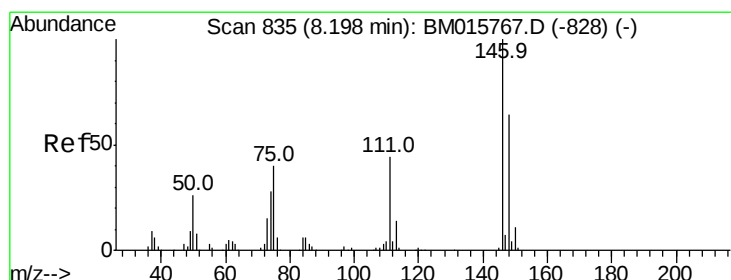
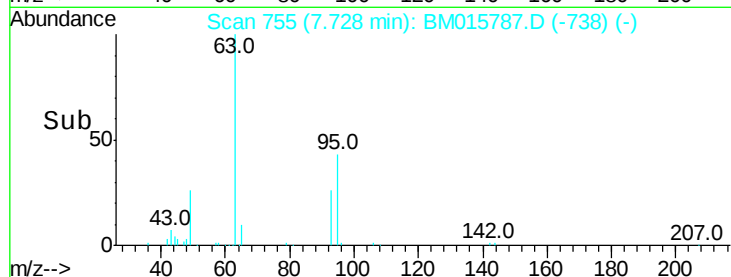
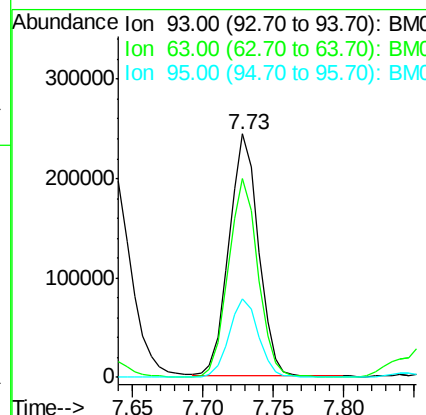
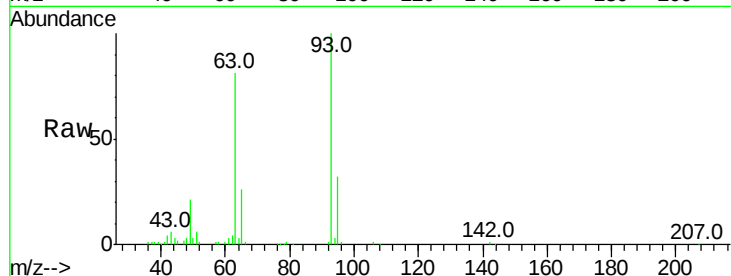




#11  
bis(2-Chloroethyl)ether  
Concen: 43.982 ng  
RT: 7.73 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

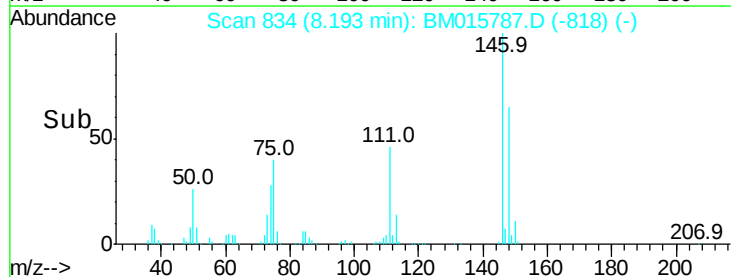
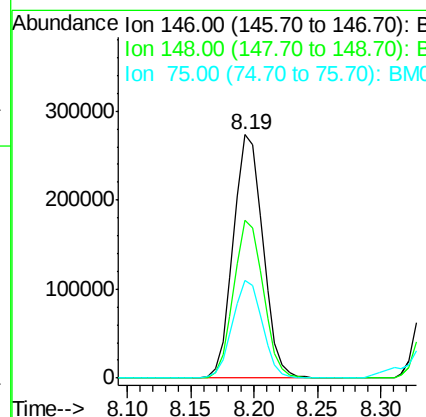
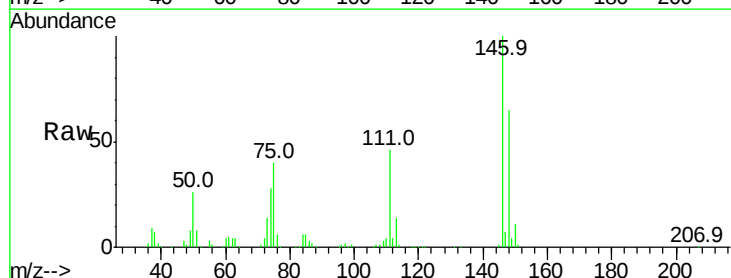
Instrument :  
BNA\_M  
ClientSampleId :

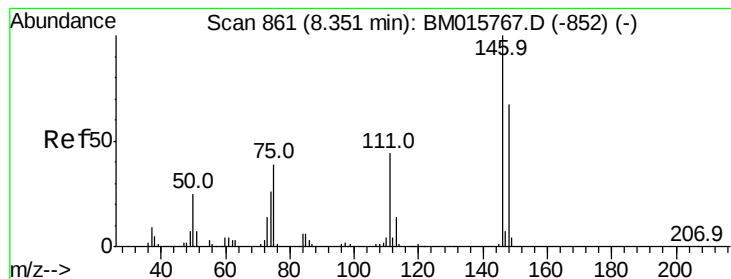
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 81.4  | 49.5  | 89.5  |
| 95      | 32.1  | 13.5  | 53.5  |



#12  
1,3-Dichlorobenzene  
Concen: 45.954 ng  
RT: 8.19 min Scan# 834  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 50.9  | 76.3  |
| 75      | 40.4  | 21.4  | 32.2  |





#13

1,4-Dichlorobenzene

Concen: 45.565 ng

RT: 8.35 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

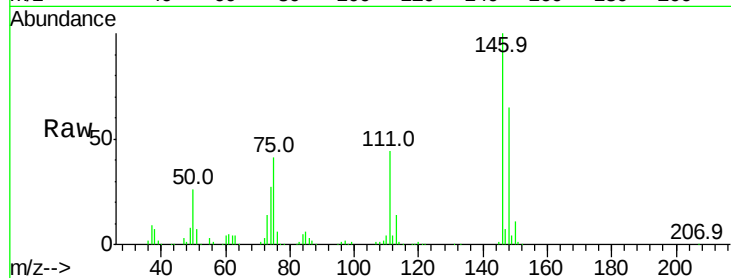
Tot Ion:146 Resp: 453873

Ion Ratio Lower Upper

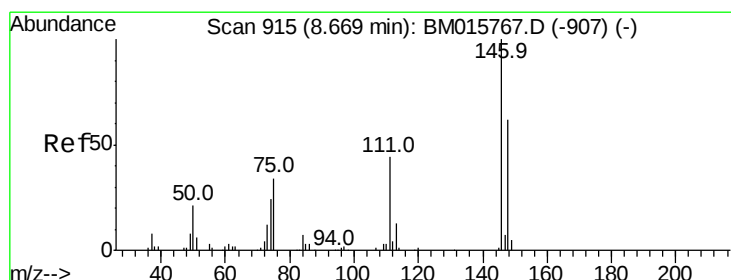
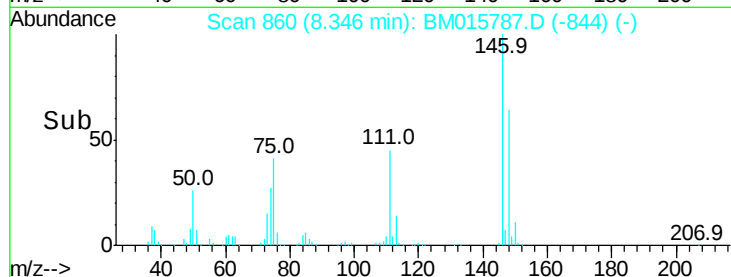
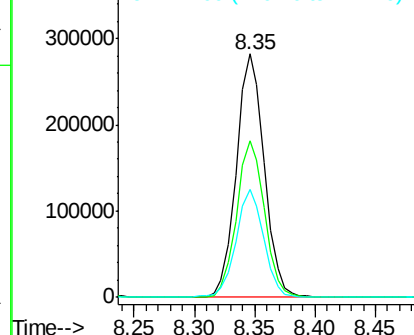
146 100

148 64.5 51.9 77.9

111 44.4 29.2 43.8#



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



#14

1,2-Dichlorobenzene

Concen: 45.899 ng

RT: 8.67 min Scan# 915

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

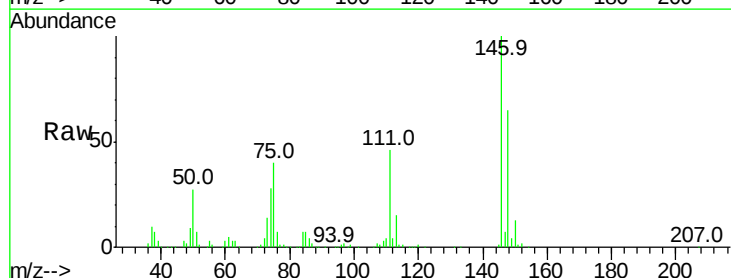
Tgt Ion:146 Resp: 442170

Ion Ratio Lower Upper

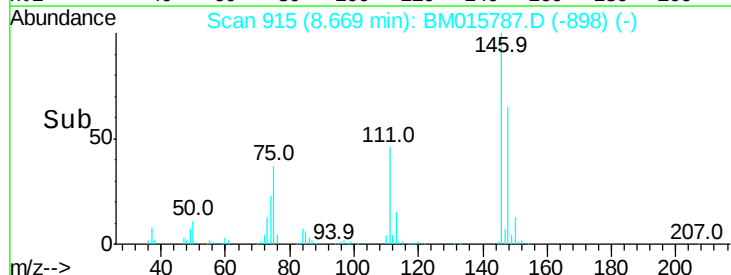
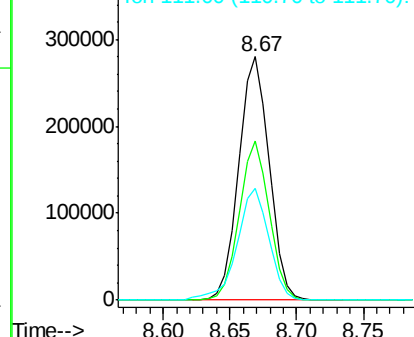
146 100

148 65.3 52.3 78.5

111 45.9 30.6 45.8#



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





#15

Benzyl Alcohol

Concen: 47.303 ng

RT: 8.56 min Scan# 897

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

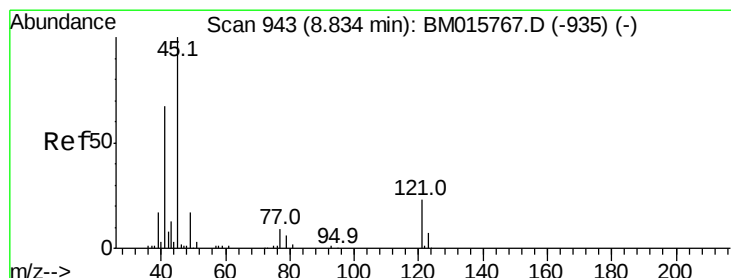
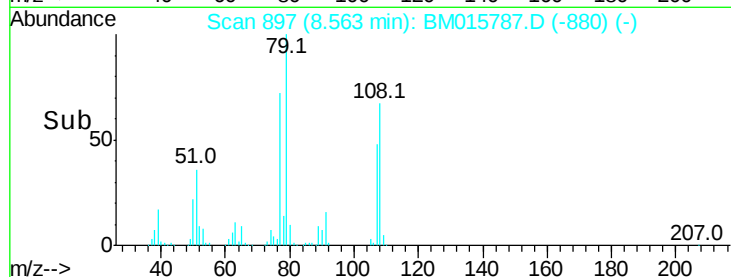
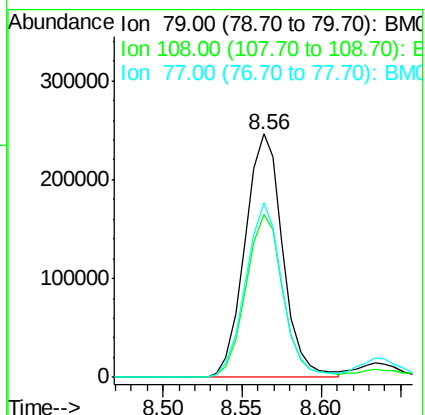
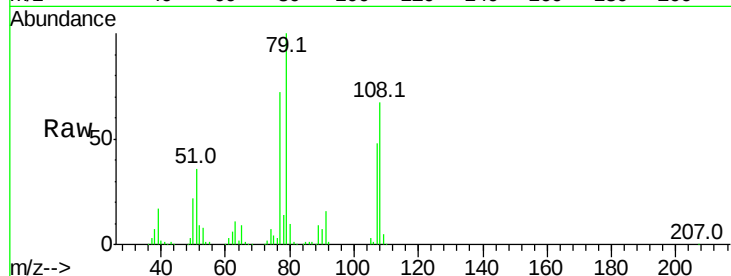
Tot Ion: 79 Resp: 406976

Ion Ratio Lower Upper

79 100

108 66.9 65.0 97.4

77 71.9 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.202 ng

RT: 8.84 min Scan# 944

Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

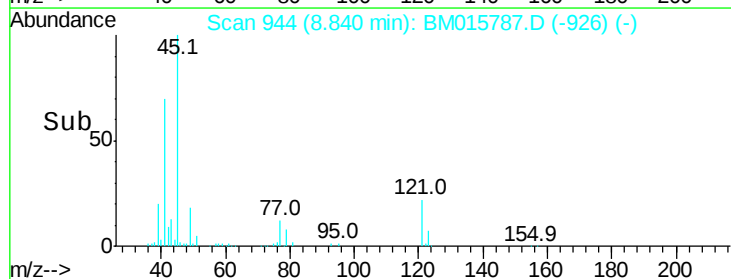
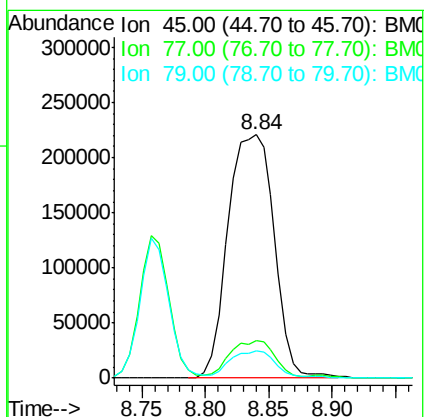
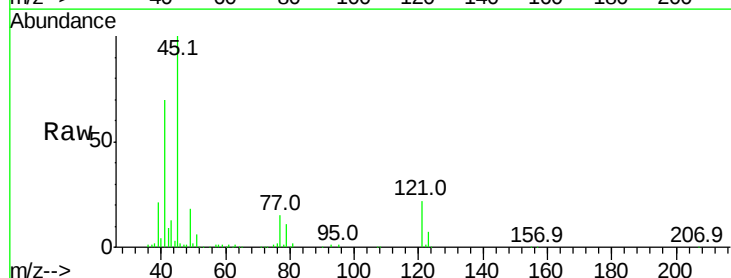
Tgt Ion: 45 Resp: 559123

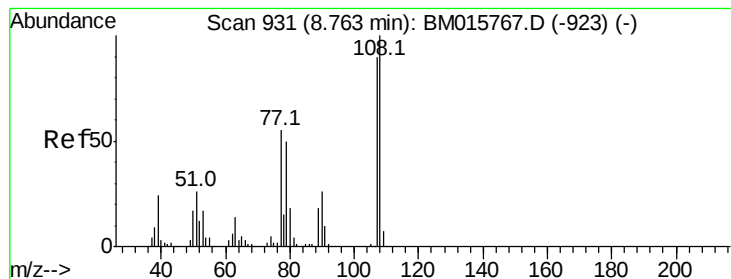
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.2

79 11.1 0.0 32.0

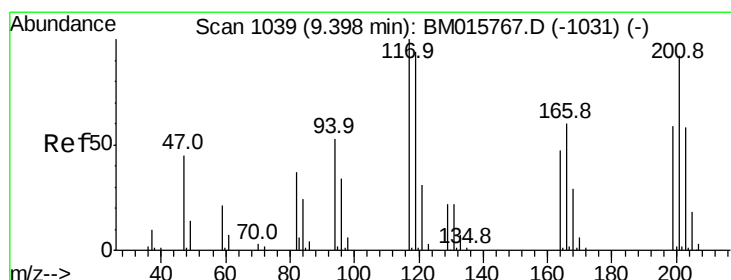
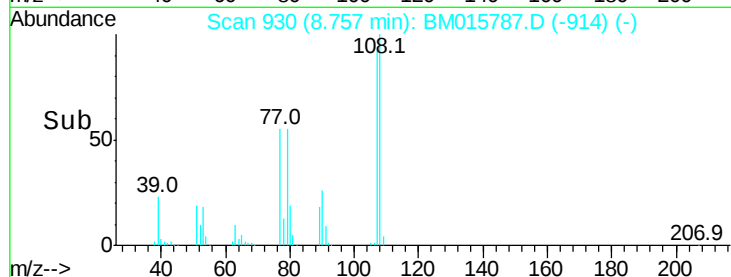
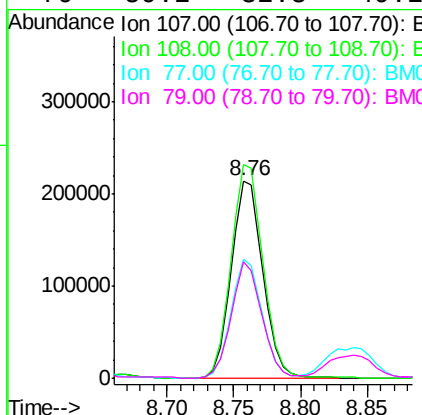
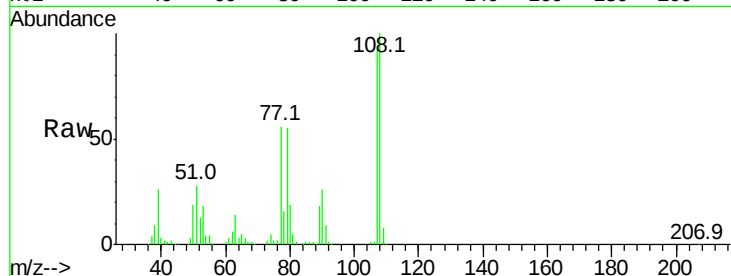




#17  
2-Methylphenol  
Concen: 51.318 ng  
RT: 8.76 min Scan# 930  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

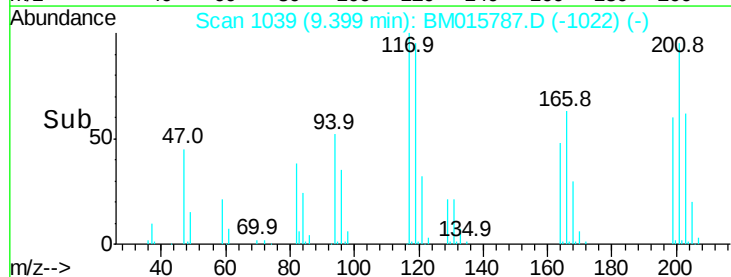
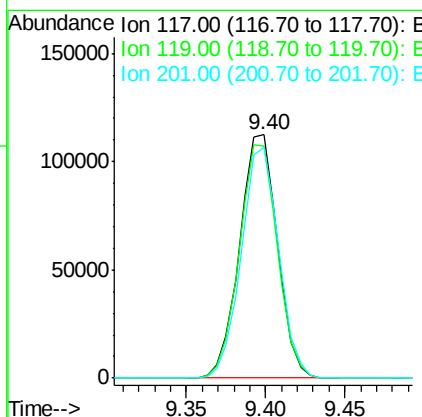
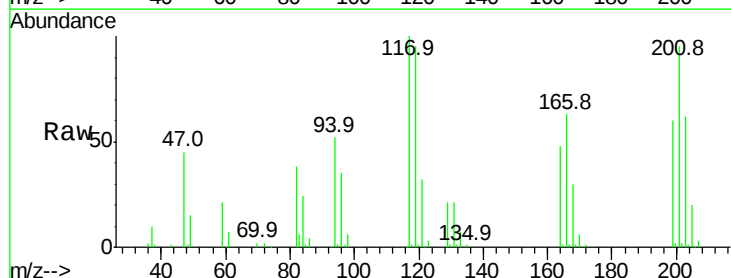
Instrument :  
BNA\_M  
ClientSampleId :

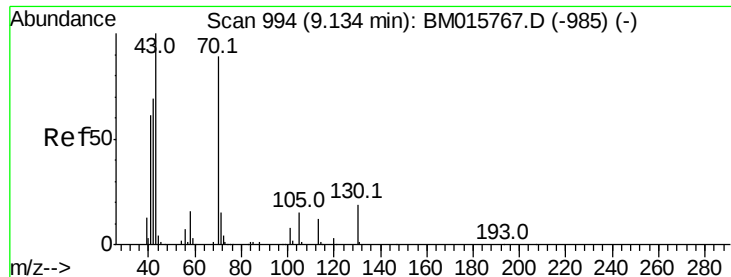
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 108.3 | 89.8  | 134.8 |
| 77      | 60.3  | 32.6  | 48.8# |
| 79      | 59.2  | 32.8  | 49.2# |



#18  
Hexachloroethane  
Concen: 47.380 ng  
RT: 9.40 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.5  | 79.2  | 118.8 |
| 201     | 95.0  | 69.8  | 104.6 |

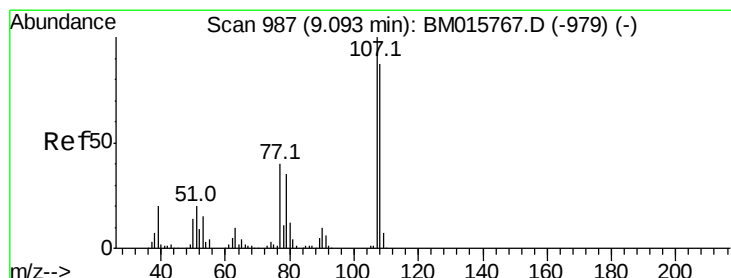
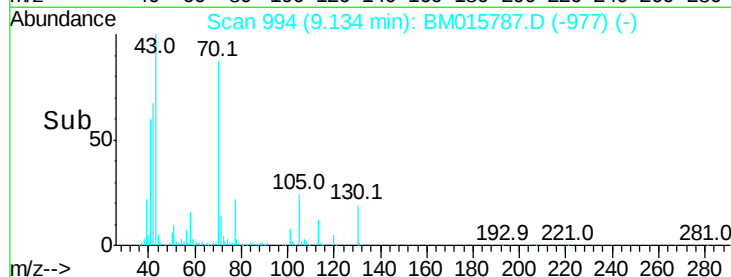
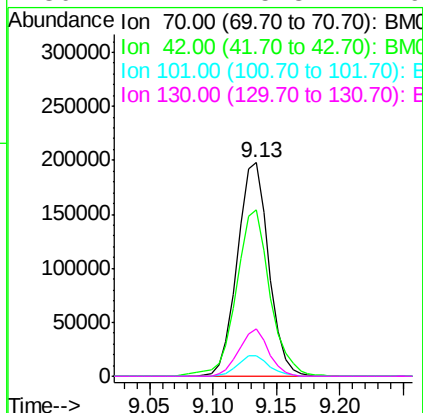
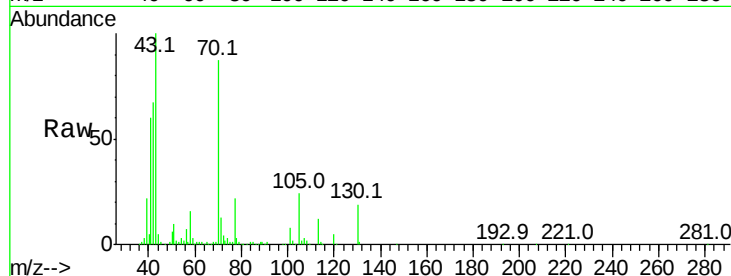




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.525 ng  
RT: 9.13 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

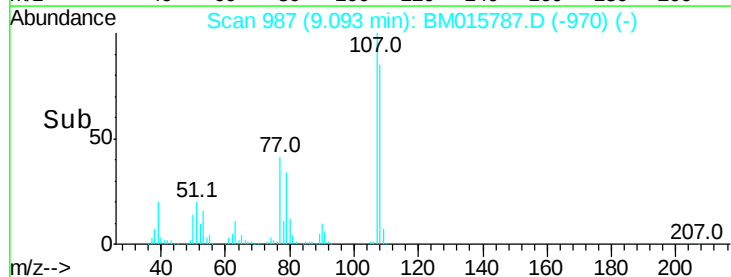
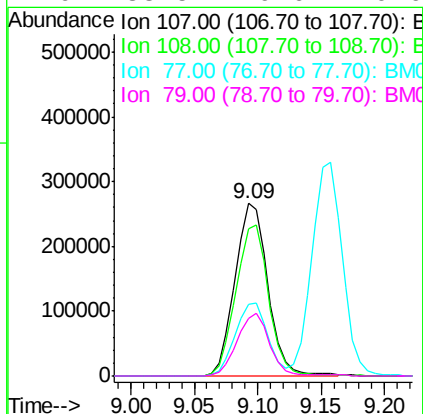
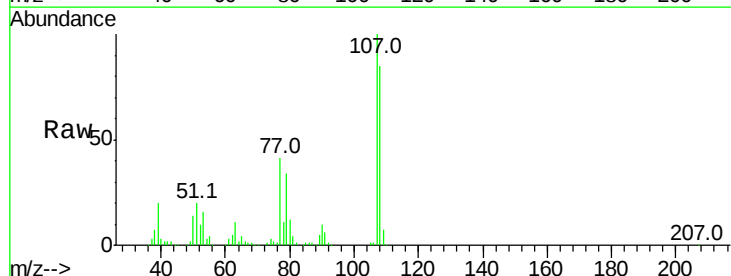
Instrument :  
BNA\_M  
ClientSampleId :

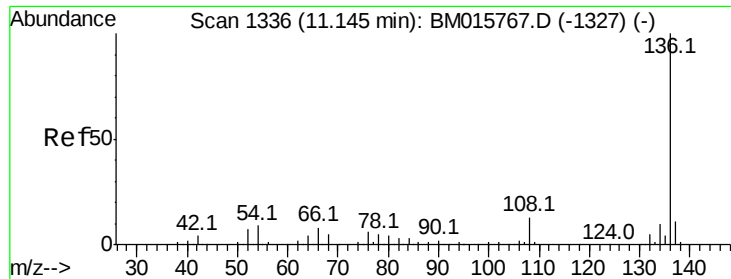
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 77.7  | 44.5  | 66.7# |
| 101     | 9.3   | 7.4   | 11.2  |
| 130     | 22.1  | 15.3  | 22.9  |



#20  
3+4-Methylphenols  
Concen: 50.111 ng  
RT: 9.09 min Scan# 987  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.4  | 73.2  | 113.2 |
| 77      | 41.2  | 10.7  | 50.7  |
| 79      | 33.5  | 9.6   | 49.6  |

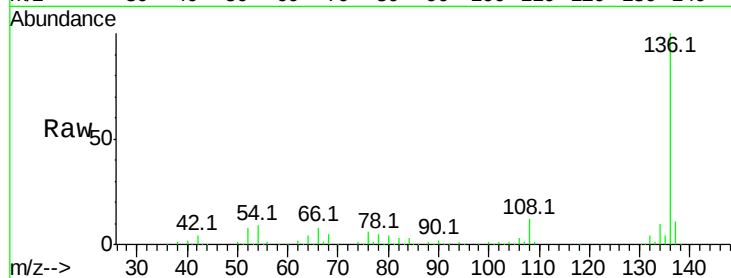




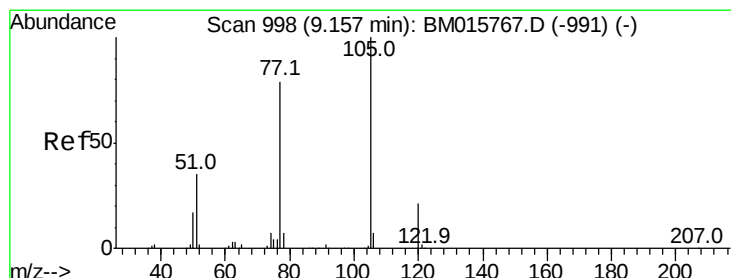
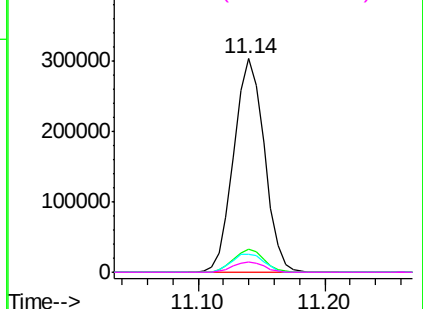
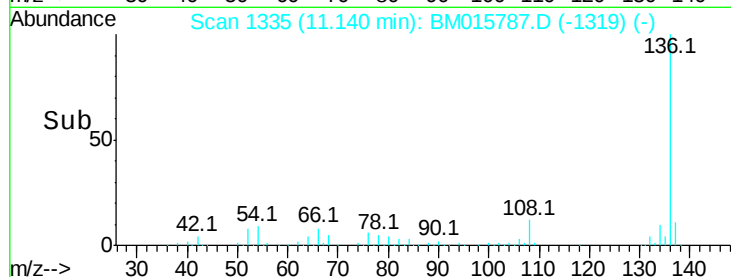
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.14 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Instrument :  
BNA\_M  
ClientSampleId :

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 508032 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.9    | 8.7 13.1     |
| 54 8.6      | 4.6 6.8#     |
| 68 4.9      | 3.7 5.5      |

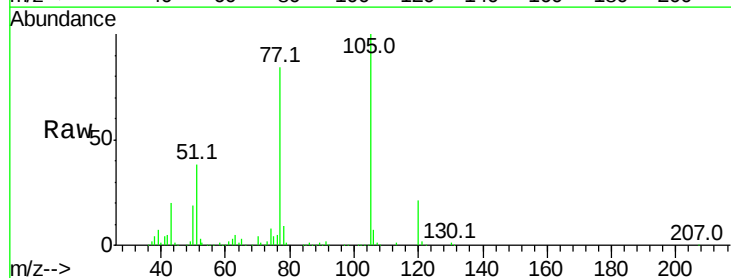


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

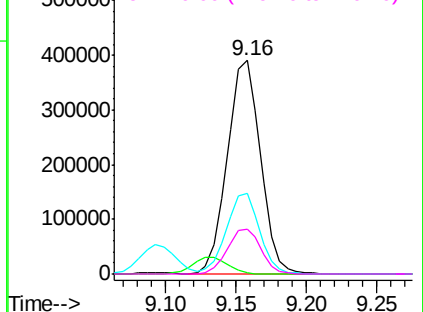
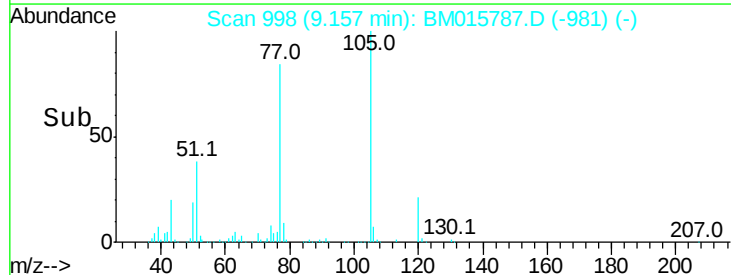


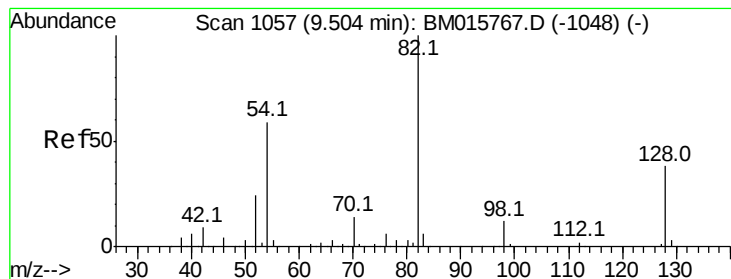
#22  
Acetophenone  
Concen: 47.957 ng  
RT: 9.16 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 634678 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 0.7     | 0.6   | 1.0    |
| 51  | 37.6    | 21.6  | 32.4#  |
| 120 | 20.9    | 16.1  | 24.1   |



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: 47.957 ng

RT: 9.50 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

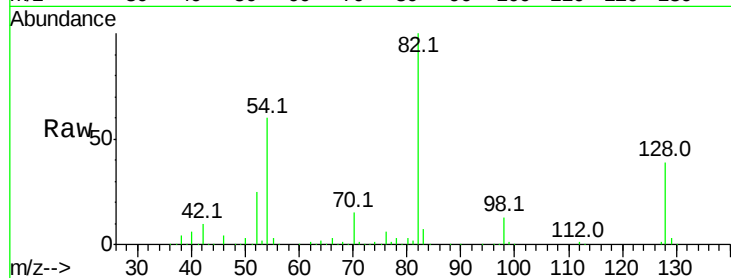
Tot Ion: 82 Resp: 1125881

Ion Ratio Lower Upper

82 100

128 39.0 32.8 49.2

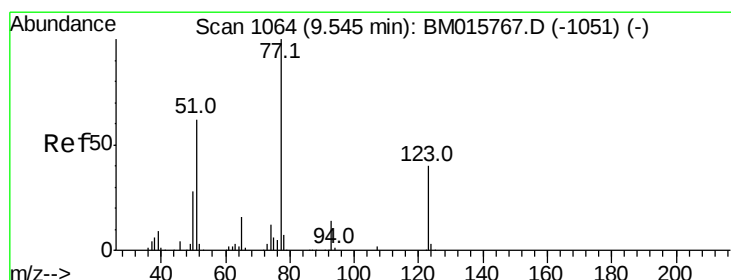
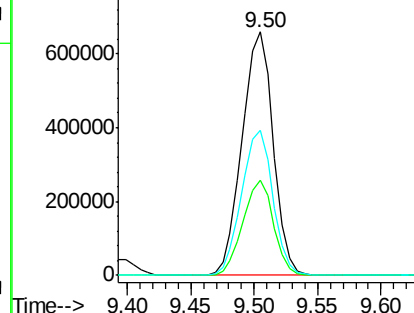
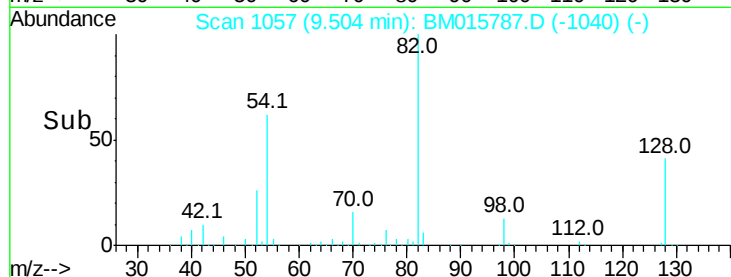
54 59.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015787.D (-1048) (-)

Ion 128.00 (127.70 to 128.70): BM015787.D (-1048) (-)

Ion 54.00 (53.70 to 54.70): BM015787.D (-1048) (-)



#24

Nitrobenzene

Concen: 51.387 ng

RT: 9.55 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

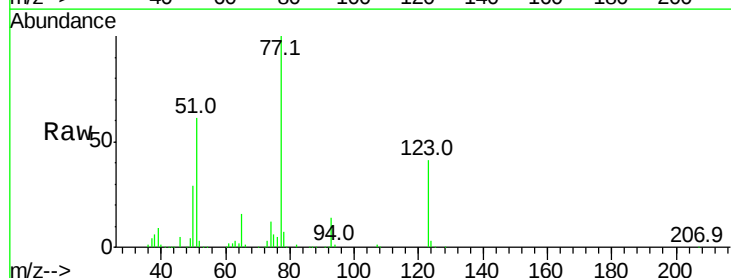
Tgt Ion: 77 Resp: 520839

Ion Ratio Lower Upper

77 100

123 41.1 32.6 49.0

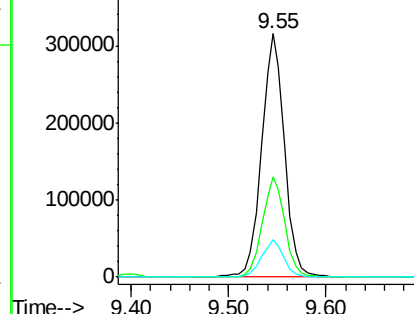
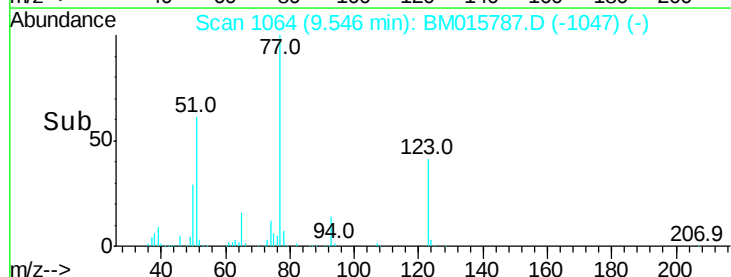
65 15.5 10.9 16.3

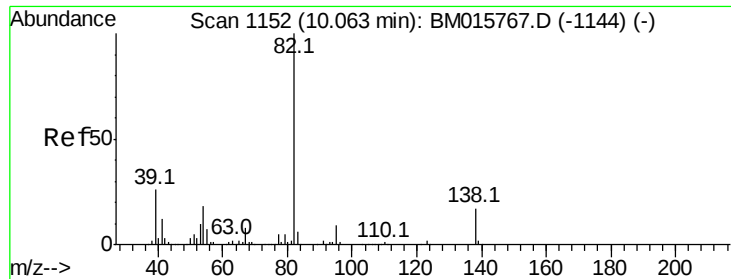


Abundance Ion 77.00 (76.70 to 77.70): BM015787.D (-1047) (-)

Ion 123.00 (122.70 to 123.70): BM015787.D (-1047) (-)

Ion 65.00 (64.70 to 65.70): BM015787.D (-1047) (-)





#25

Isophorone

Concen: 55.448 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

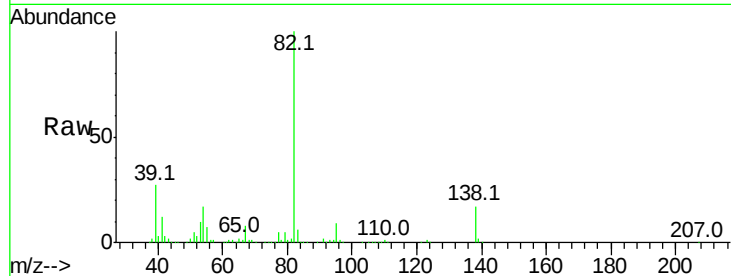
Tot Ion: 82 Resp: 881219

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.6#

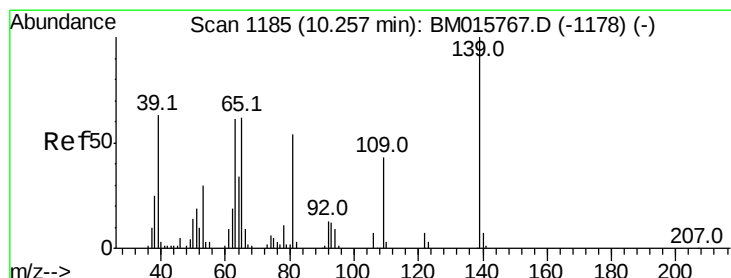
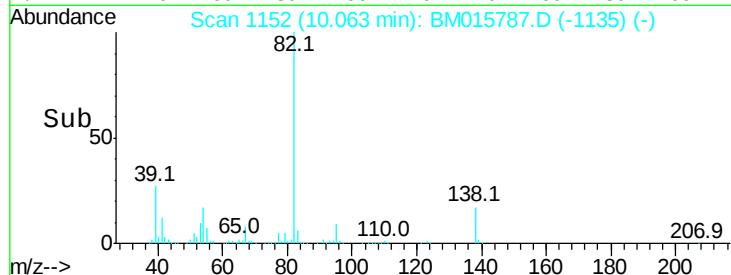
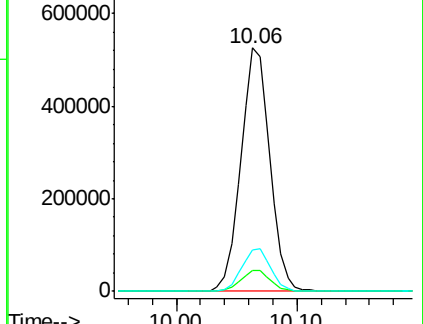
138 17.3 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1144) (-)

Ion 95.00 (94.70 to 95.70): BM015767.D (-1144) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1144) (-)



#26

2-Nitrophenol

Concen: 52.564 ng

RT: 10.26 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

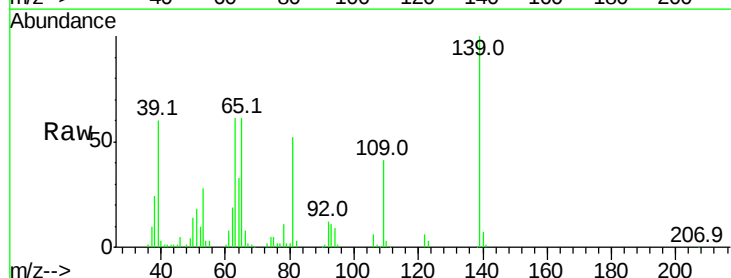
Tgt Ion: 139 Resp: 229414

Ion Ratio Lower Upper

139 100

109 41.0 20.1 30.1#

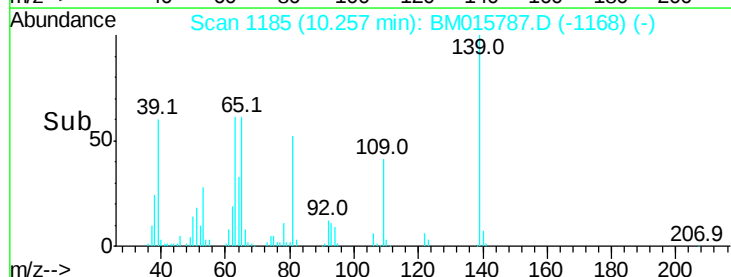
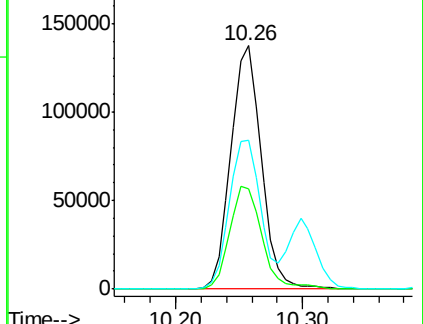
65 61.3 31.5 47.3#

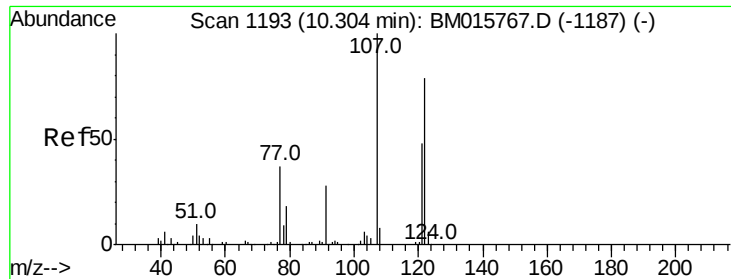


Abundance Ion 139.00 (138.70 to 139.70): BM015767.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BM015767.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BM015767.D (-1178) (-)

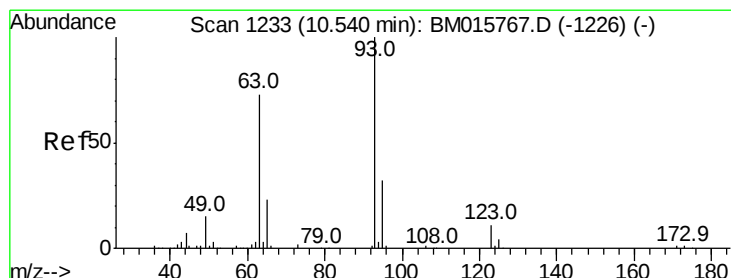
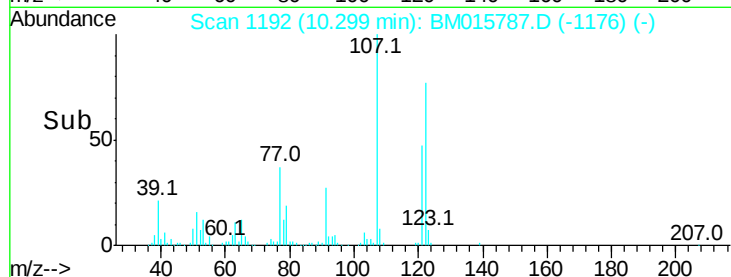
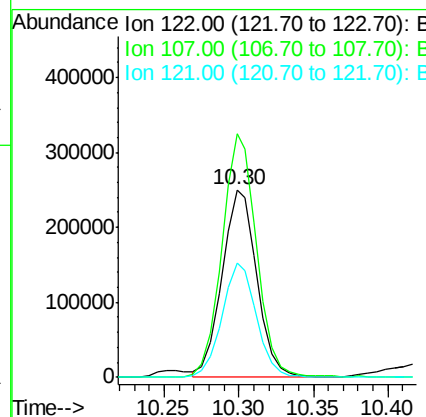
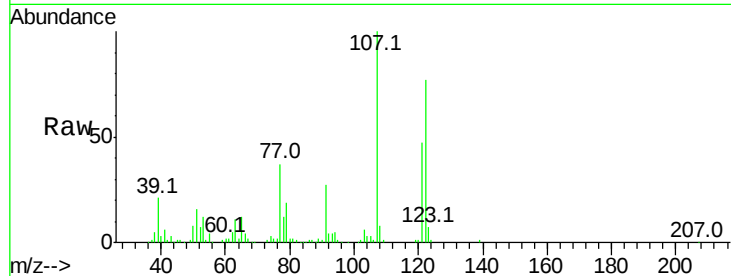




#27  
2,4-Dimethylphenol  
Concen: 61.030 ng  
RT: 10.30 min Scan# 1192  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

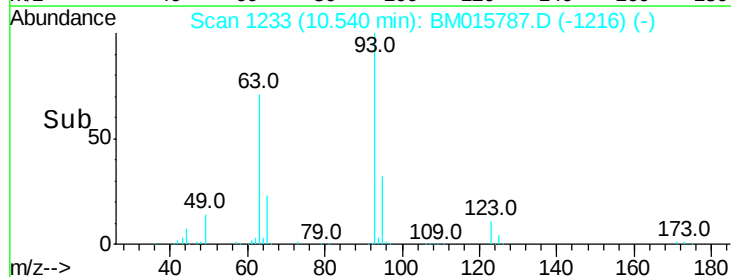
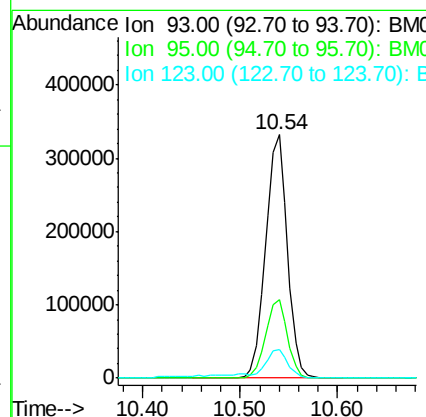
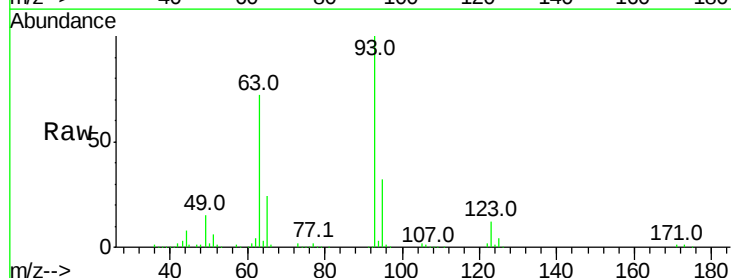
Instrument :  
BNA\_M  
ClientSampleId :

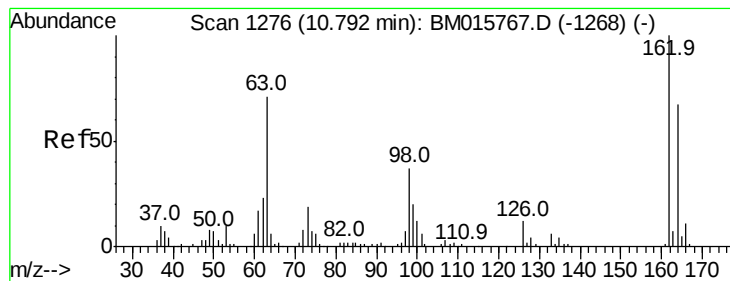
Tot Ion:122 Resp: 404646  
Ion Ratio Lower Upper  
122 100  
107 129.7 84.7 127.1#  
121 60.9 46.6 69.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 50.228 ng  
RT: 10.54 min Scan# 1233  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion: 93 Resp: 520061  
Ion Ratio Lower Upper  
93 100  
95 32.3 25.5 38.3  
123 11.5 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 57.777 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

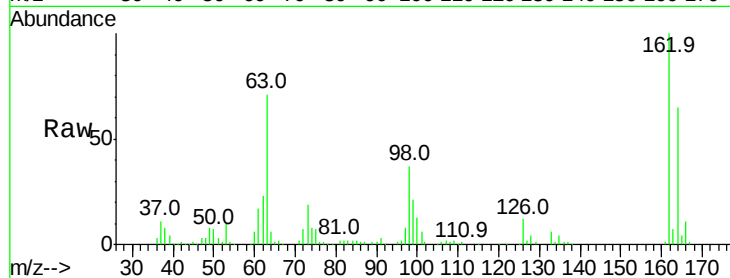
Tot Ion:162 Resp: 424274

Ion Ratio Lower Upper

162 100

164 65.0 42.8 82.8

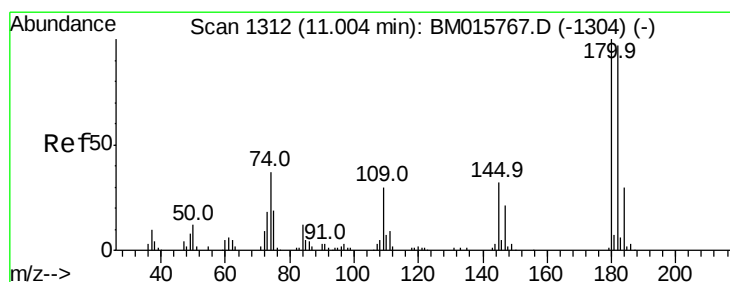
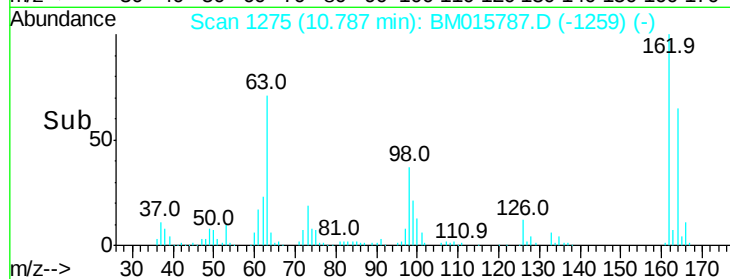
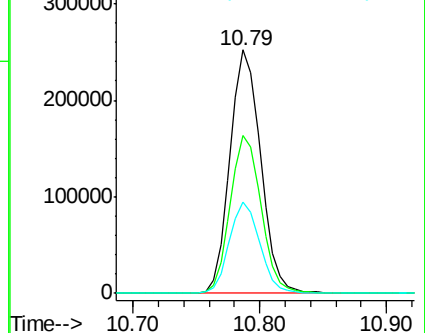
98 37.3 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 51.373 ng

RT: 11.00 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

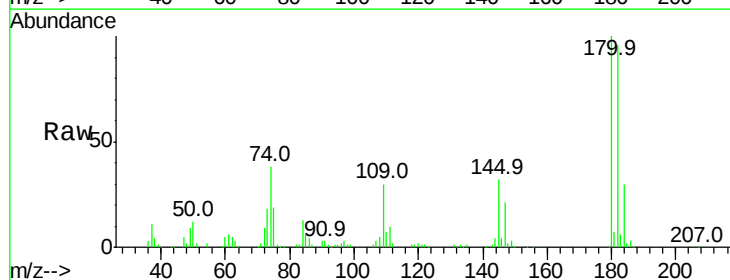
Tgt Ion:180 Resp: 438166

Ion Ratio Lower Upper

180 100

182 95.6 77.6 116.4

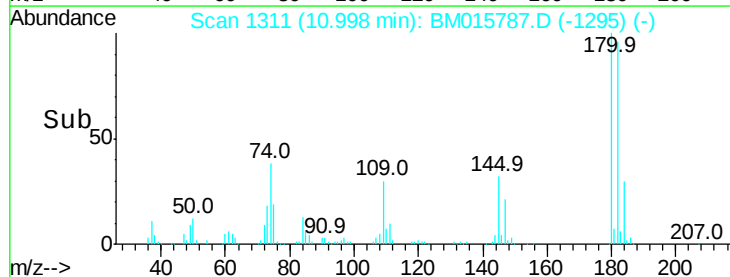
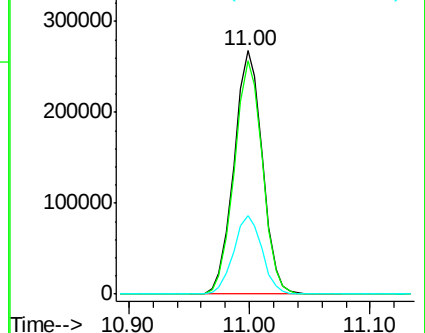
145 32.4 23.4 35.2

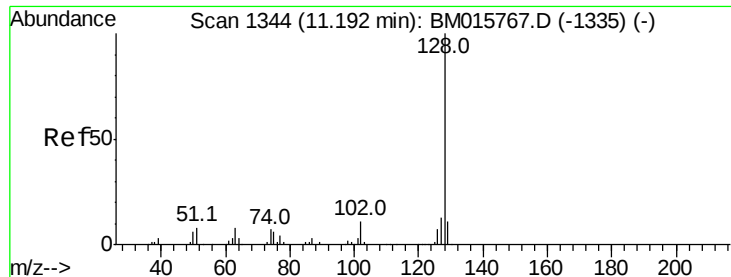


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

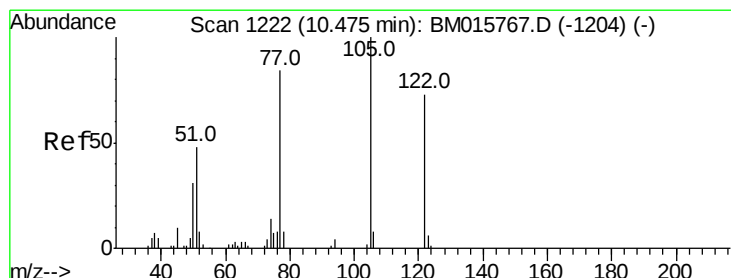
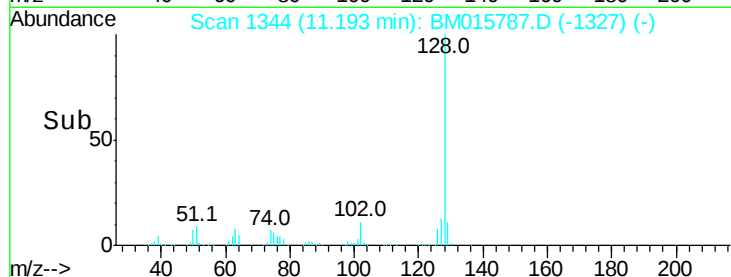
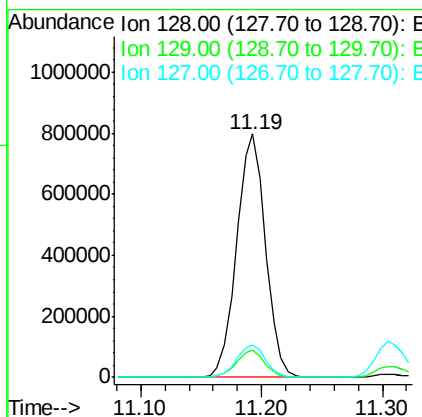
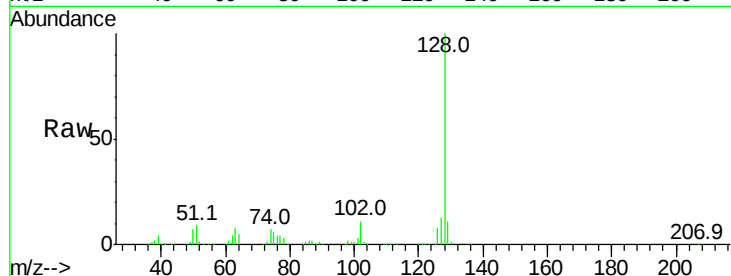




#31  
Naphthalene  
Concen: 50.383 ng  
RT: 11.19 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

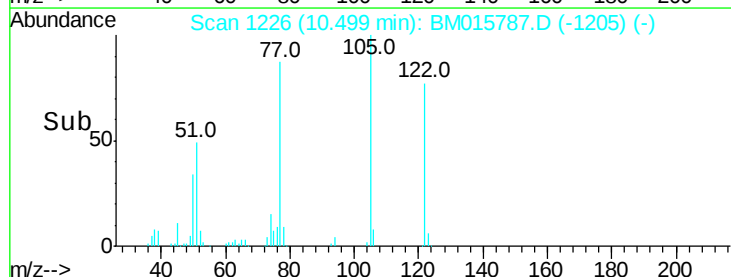
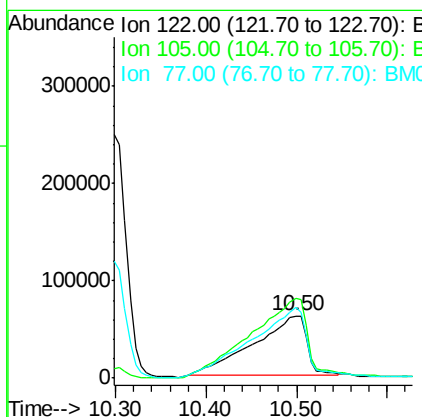
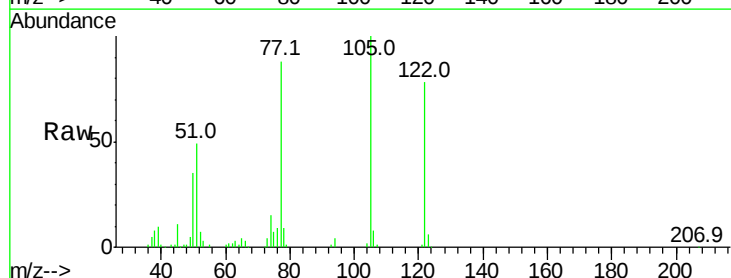
Instrument :  
BNA\_M  
ClientSampleId :

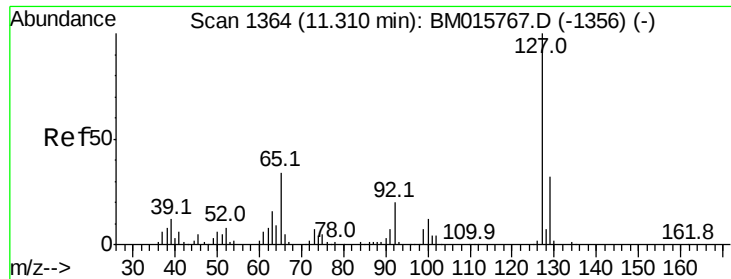
Tot Ion:128 Resp: 1327064  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 13.3 10.4 15.6



#32  
Benzoic acid  
Concen: 42.442 ng  
RT: 10.50 min Scan# 1226  
Delta R.T. 0.02 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion:122 Resp: 249144  
Ion Ratio Lower Upper  
122 100  
105 128.0 99.9 139.9  
77 112.9 73.7 113.7

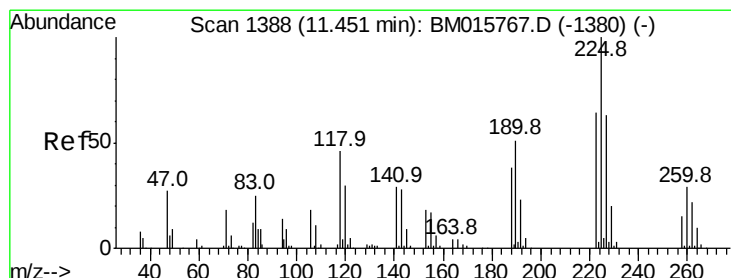
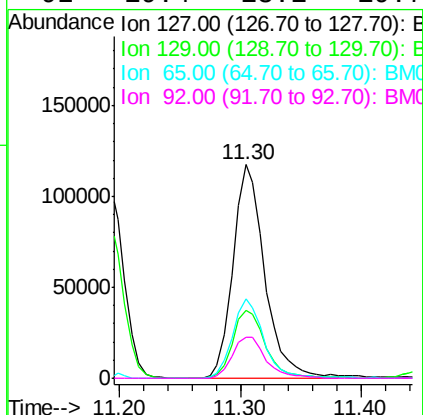
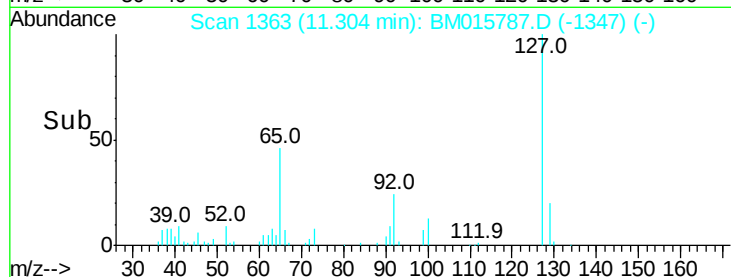
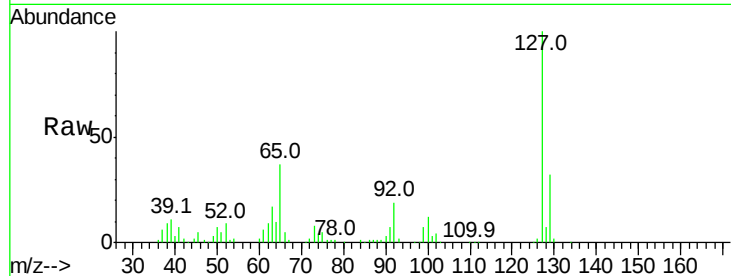




#33  
4-Chloroaniline  
Concen: 20.043 ng  
RT: 11.30 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

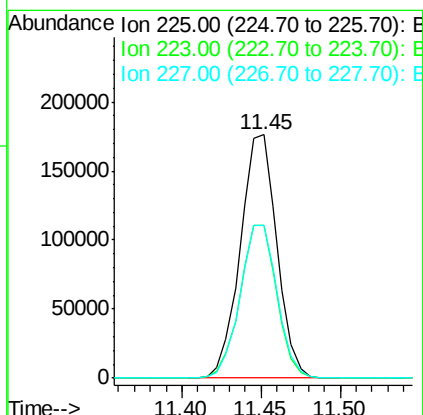
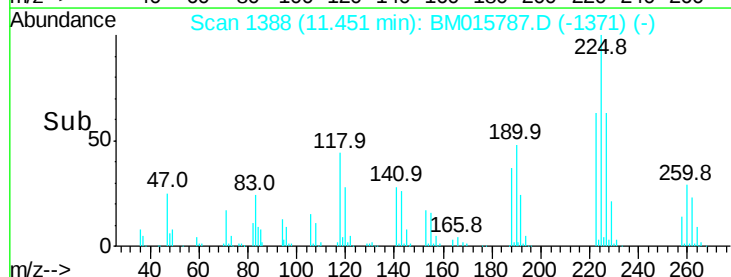
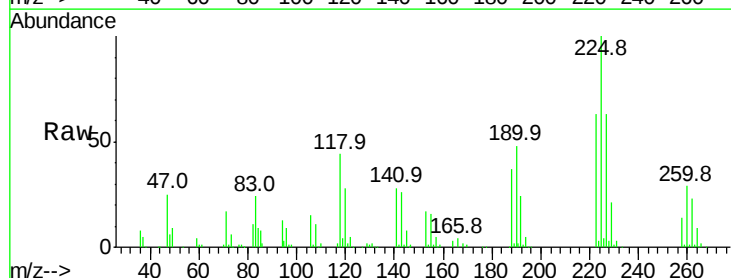
Instrument :  
BNA\_M  
ClientSampleId :

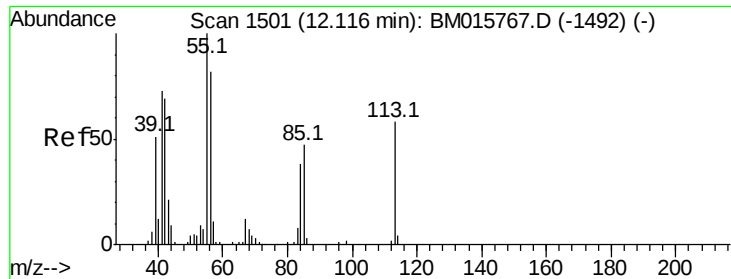
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 215238 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 25.3  | 37.9   |
| 65       | 36.9  | 17.6  | 26.4   |
| 92       | 19.4  | 13.1  | 19.7   |



#34  
Hexachlorobutadiene  
Concen: 49.530 ng  
RT: 11.45 min Scan# 1388  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 281931 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 47.9  | 71.9   |
| 227      | 62.8  | 50.1  | 75.1   |





#35

Caprolactam

Concen: 43.755 ng

RT: 12.13 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampled :

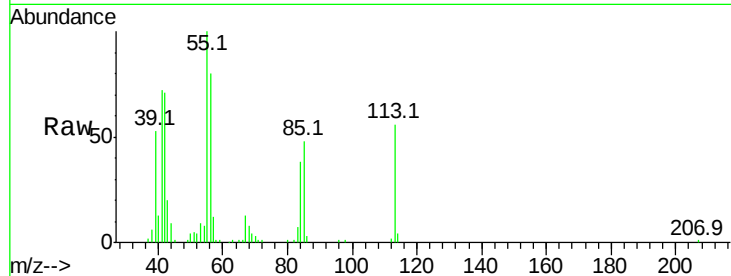
Tot Ion:113 Resp: 106559

Ion Ratio Lower Upper

113 100

55 178.5 145.9 185.9

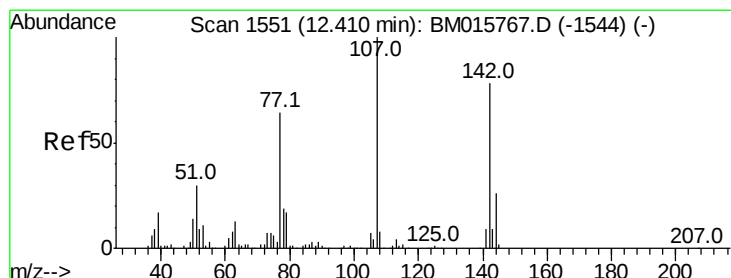
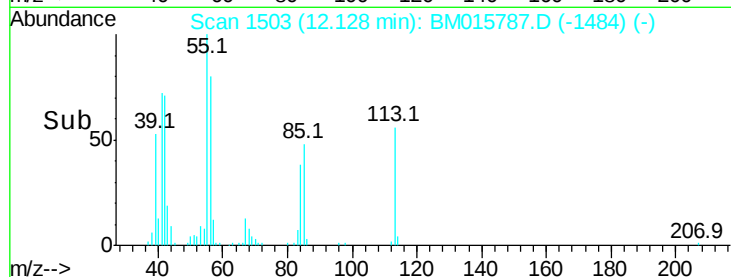
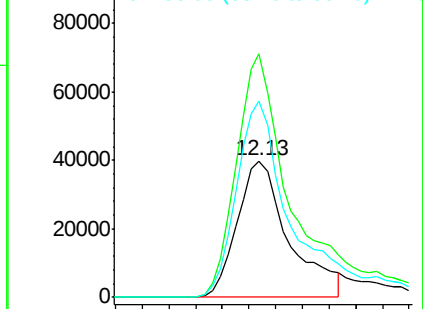
56 143.4 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 55.982 ng

RT: 12.42 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

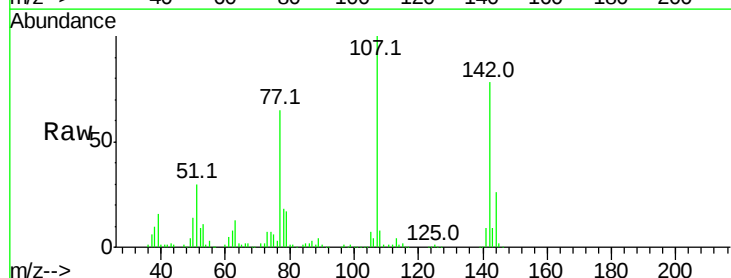
Tgt Ion:107 Resp: 471690

Ion Ratio Lower Upper

107 100

144 26.0 23.3 34.9

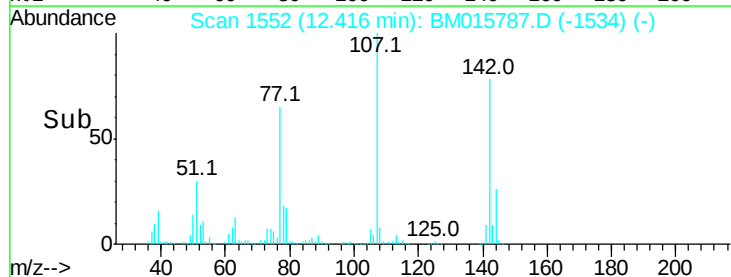
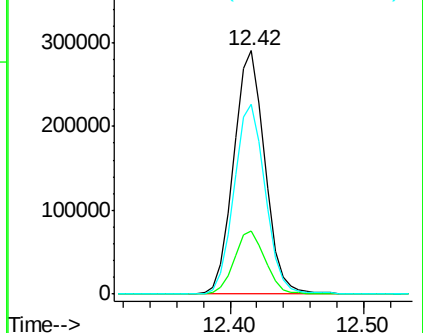
142 78.2 72.6 109.0

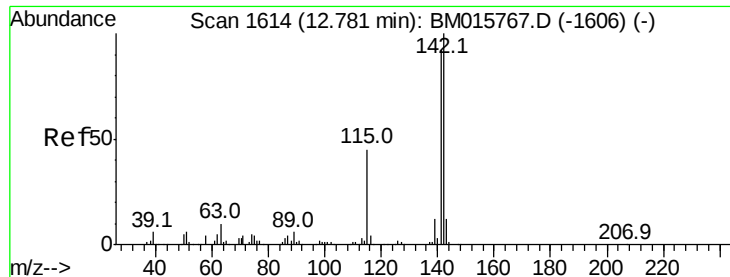


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

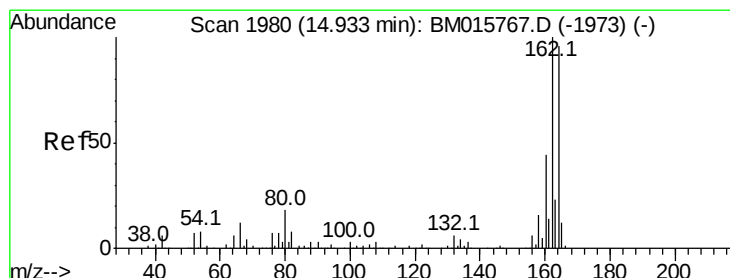
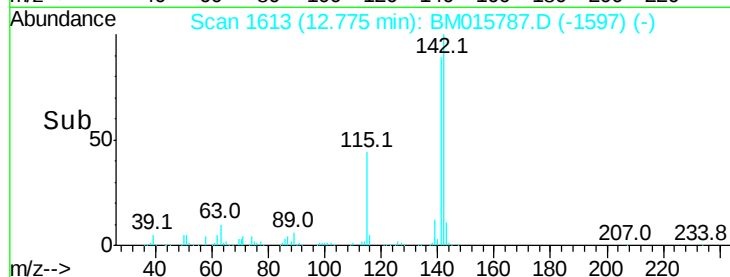
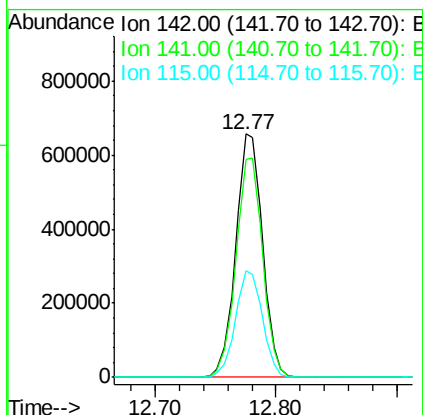
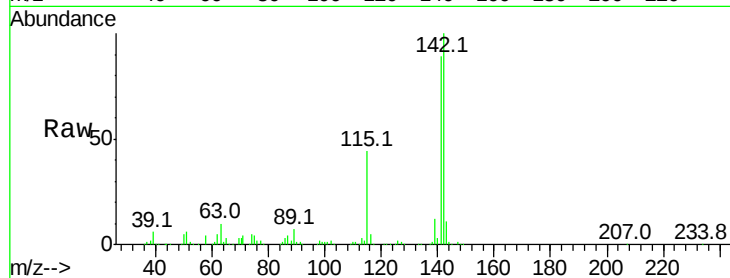




#37  
2-Methylnaphthalene  
Concen: 54.299 ng  
RT: 12.77 min Scan# 1613  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

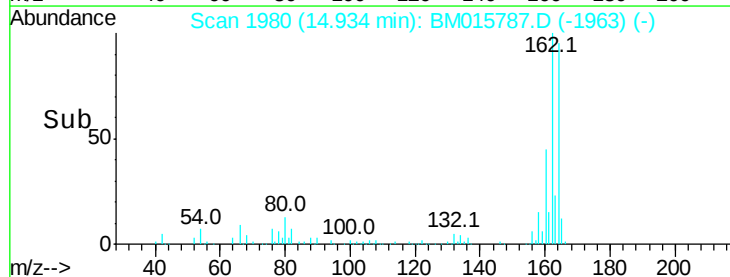
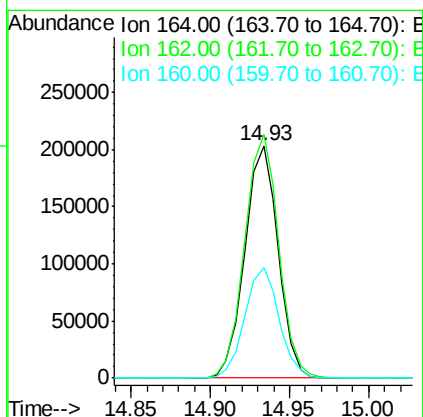
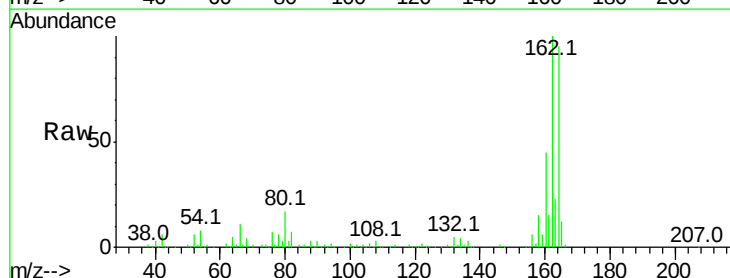
Instrument :  
BNA\_M  
ClientSampleId :

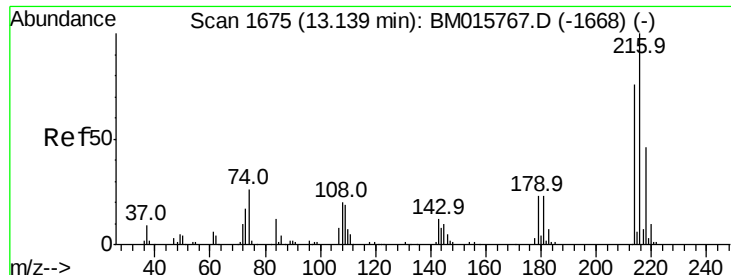
Tot Ion:142 Resp: 1017402  
Ion Ratio Lower Upper  
142 100  
141 89.5 71.9 107.9  
115 43.8 25.4 38.0#



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.93 min Scan# 1980  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion:164 Resp: 296714  
Ion Ratio Lower Upper  
164 100  
162 104.7 82.4 123.6  
160 47.4 35.8 53.6

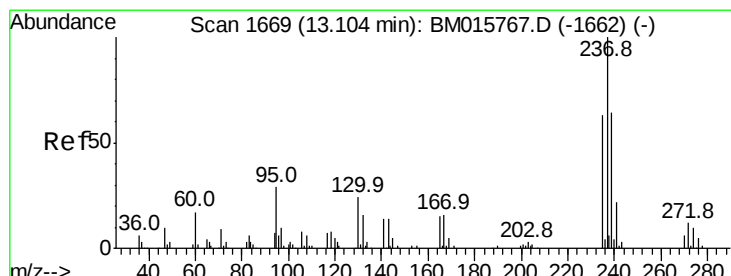
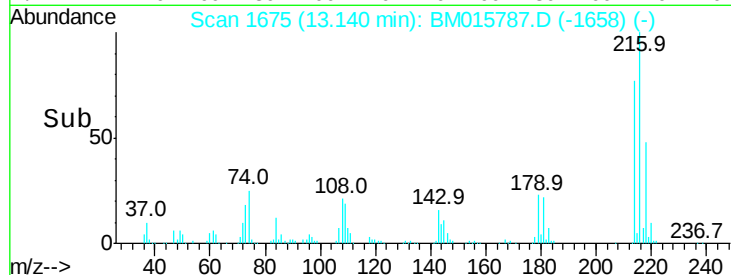
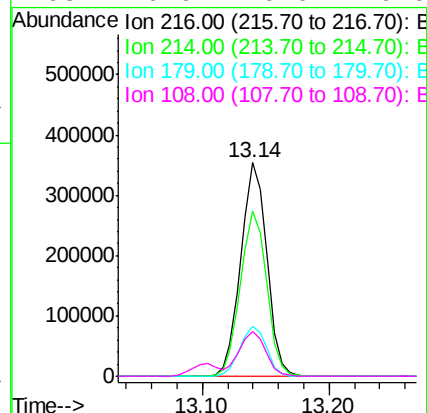
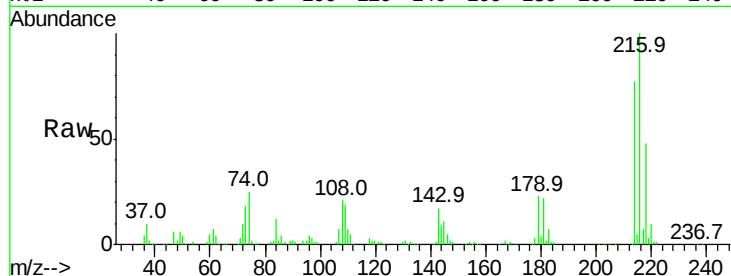




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 52.839 ng  
 RT: 13.14 min Scan# 1675  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

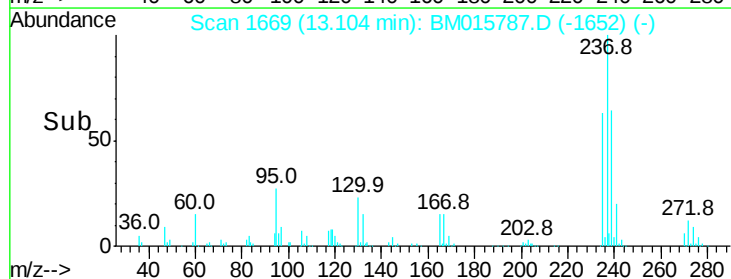
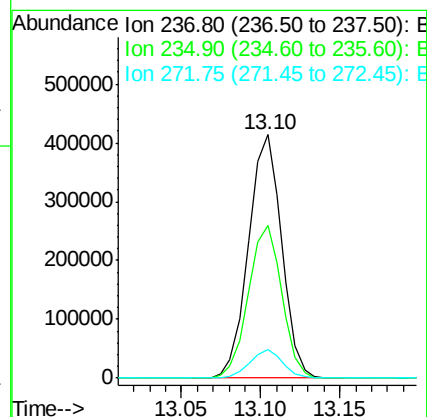
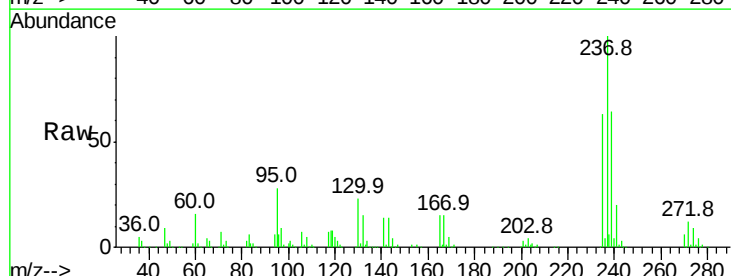
Instrument :  
 BNA\_M  
 ClientSampleId :

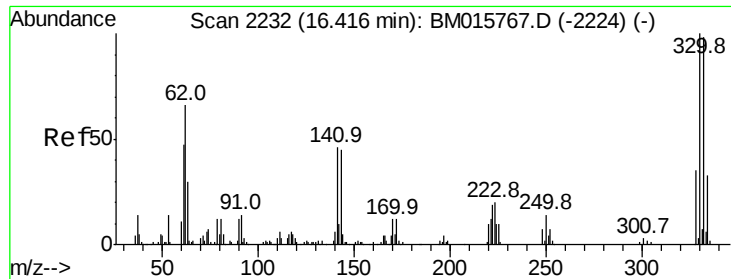
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.1  | 0.0   | 0.0#  |
| 179     | 23.7  | 0.0   | 0.0#  |
| 108     | 20.9  | 0.0   | 0.0#  |



#40  
 Hexachlorocyclopentadiene  
 Concen: 128.510 ng  
 RT: 13.10 min Scan# 1669  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.6  | 42.0  | 82.0  |
| 272     | 11.5  | 0.0   | 33.4  |

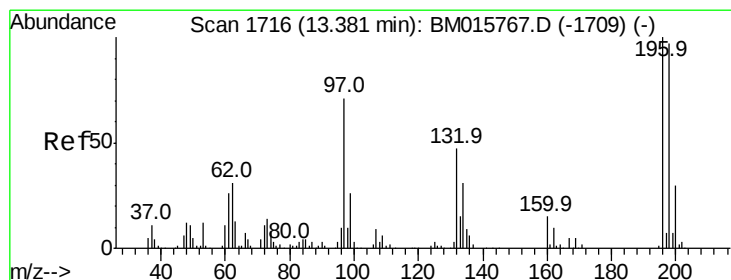
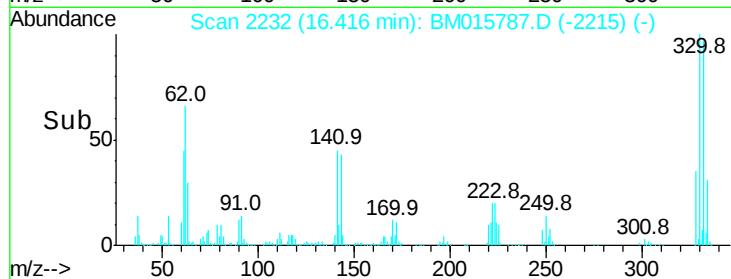
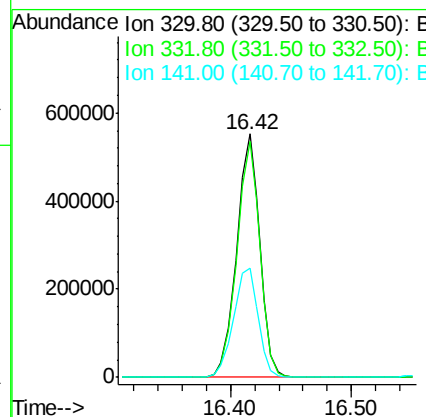
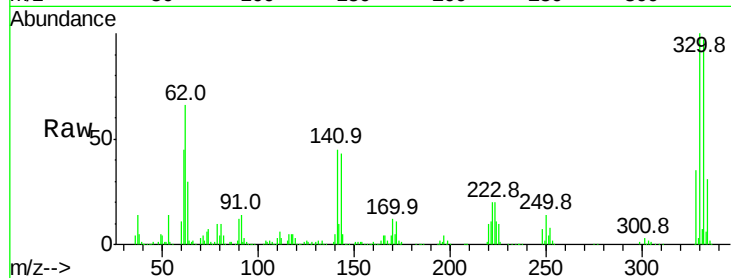




#41  
 2,4,6-Tribromophenol  
 Concen: 128.510 ng  
 RT: 16.42 min Scan# 2232  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

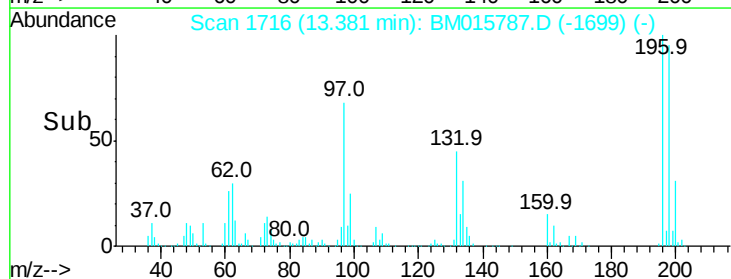
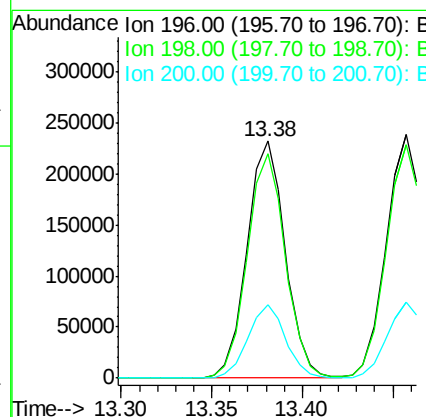
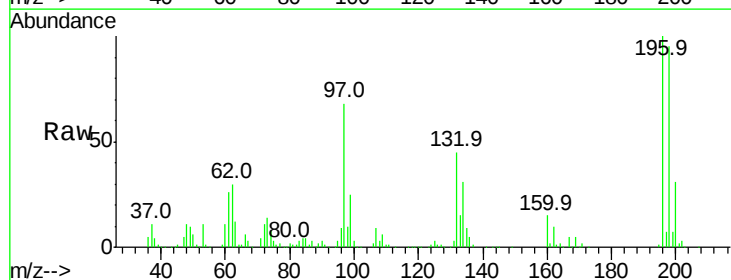
Instrument :  
 BNA\_M  
 ClientSampleId :

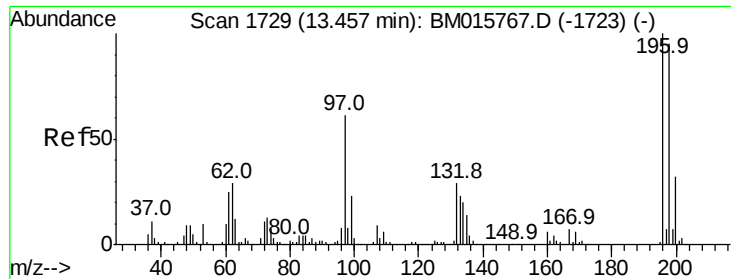
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 0.0   | 0.0#  |
| 141     | 47.9  | 0.0   | 0.0#  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 56.484 ng  
 RT: 13.38 min Scan# 1716  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.7  | 76.3  | 114.5 |
| 200     | 30.9  | 25.6  | 38.4  |

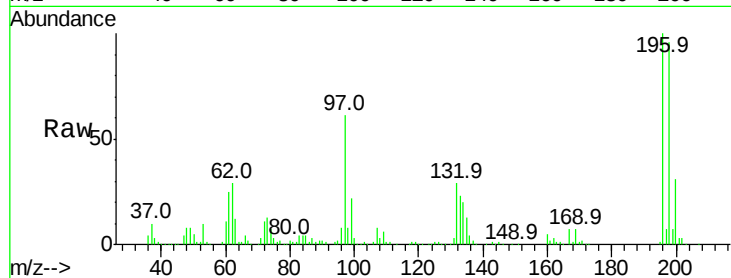




#43  
 2,4,5-Trichlorophenol  
 Concen: 54.822 ng  
 RT: 13.46 min Scan# 1729  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.8  | 79.4  | 119.0 |
| 97      | 61.1  | 26.8  | 40.2# |
| 132     | 28.6  | 18.6  | 28.0# |



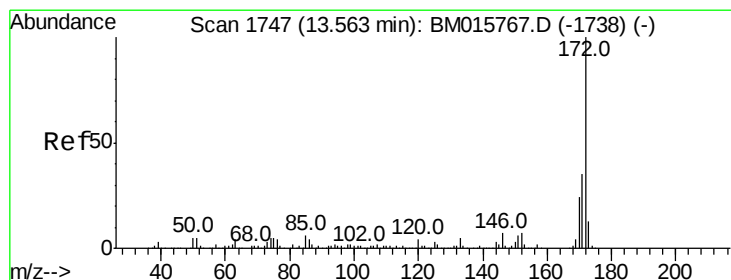
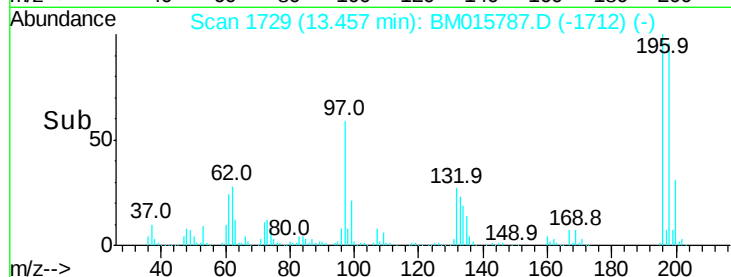
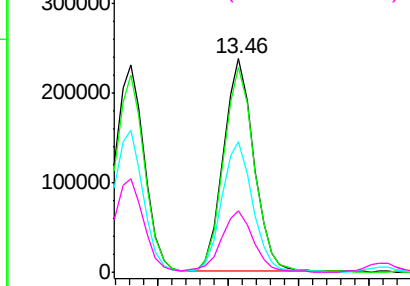
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

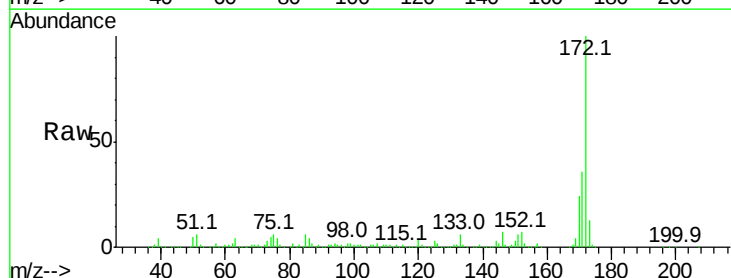
Ion 97.00 (96.70 to 97.70): BMO

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 54.822 ng  
 RT: 13.56 min Scan# 1746  
 Delta R.T. -0.01 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 28.5  | 42.7  |
| 170     | 24.0  | 18.8  | 28.2  |

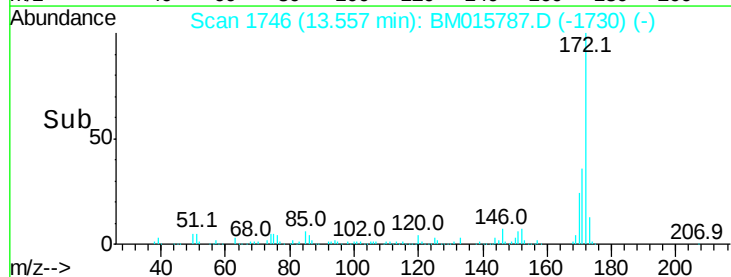
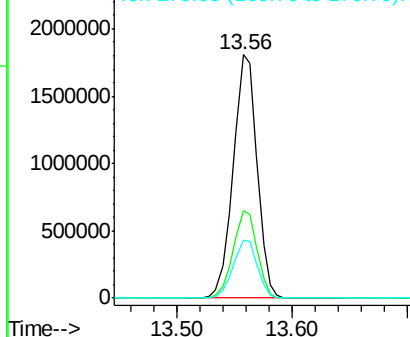


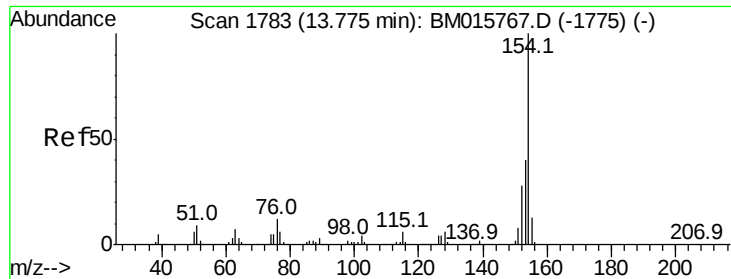
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 50.693 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

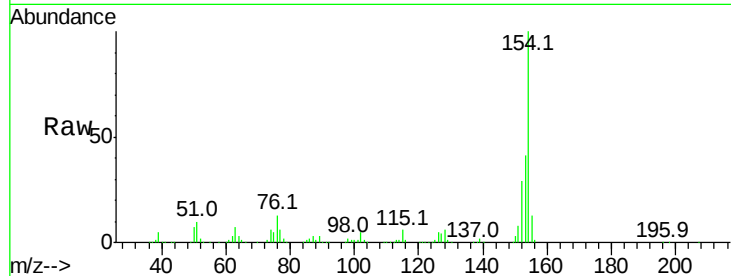
Tot Ion:154 Resp: 1300457

Ion Ratio Lower Upper

154 100

153 41.5 20.7 60.7

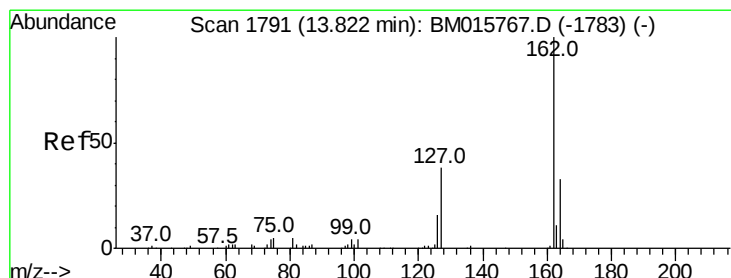
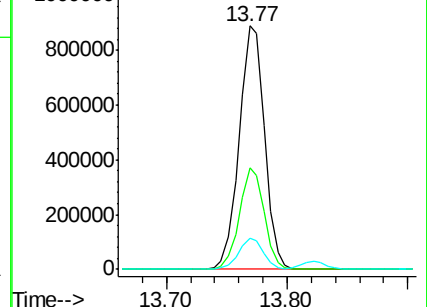
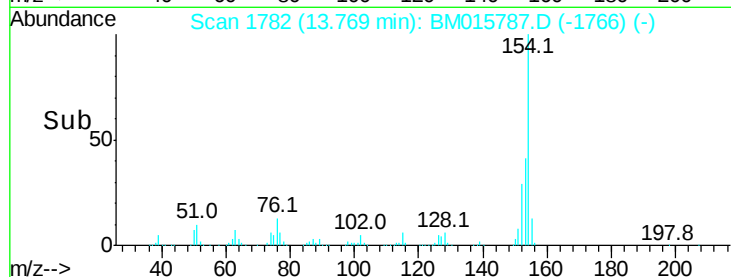
76 12.8 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 52.537 ng

RT: 13.82 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

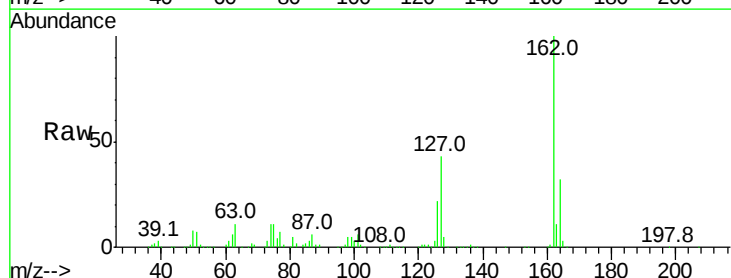
Tgt Ion:162 Resp: 1007705

Ion Ratio Lower Upper

162 100

127 42.7 26.9 40.3#

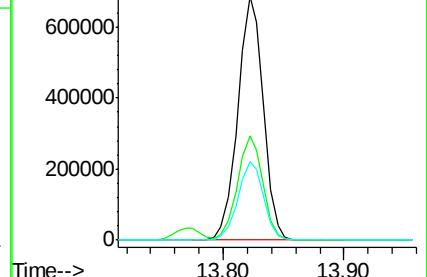
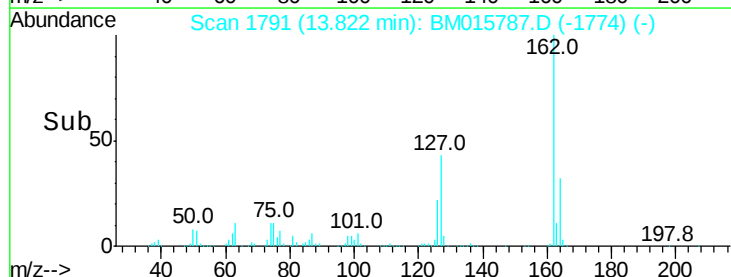
164 32.5 26.8 40.2

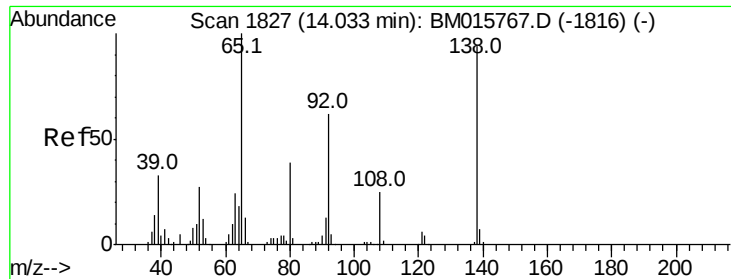


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

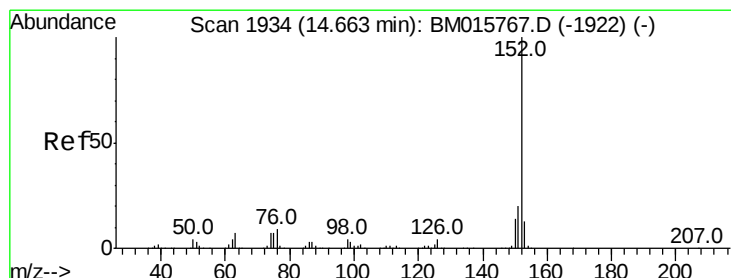
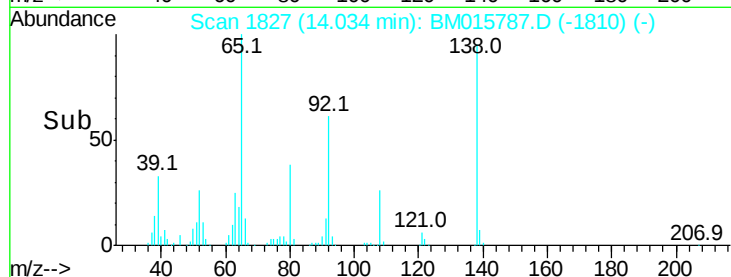
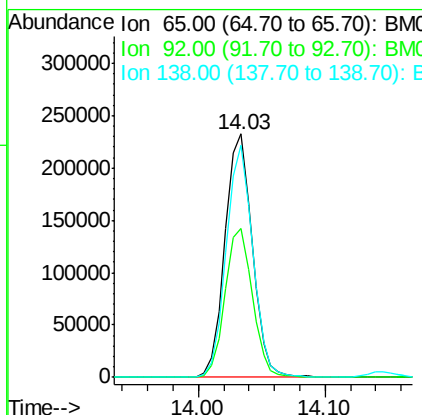
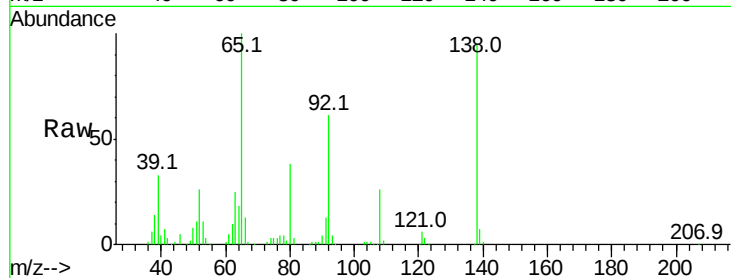




#47  
2-Nitroaniline  
Concen: 51.674 ng  
RT: 14.03 min Scan# 1827  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

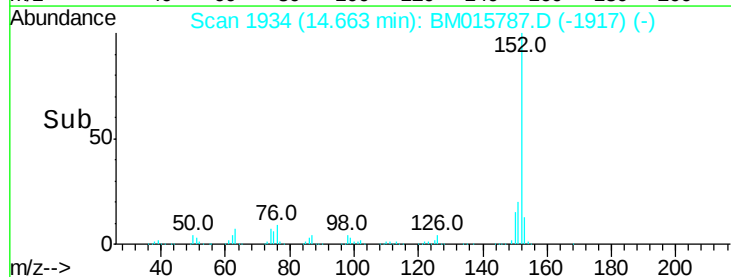
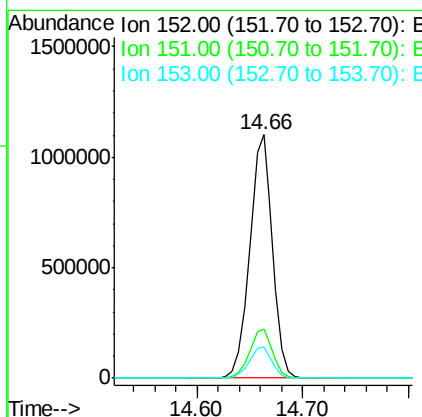
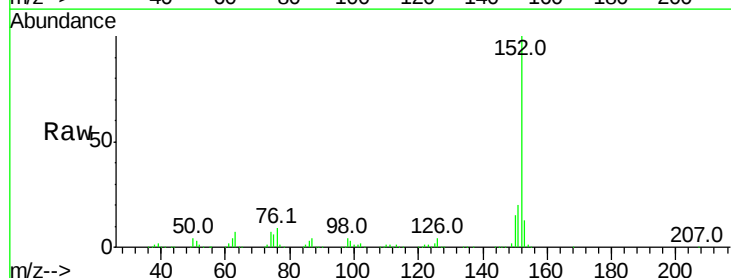
Instrument :  
BNA\_M  
ClientSampleId :

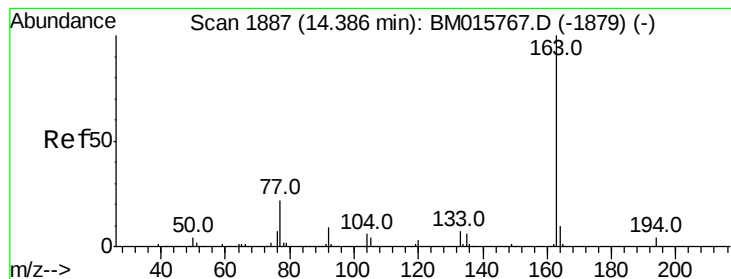
Tot Ion: 65 Resp: 345638  
Ion Ratio Lower Upper  
65 100  
92 61.1 59.1 88.7  
138 95.4 93.9 140.9



#48  
Acenaphthylene  
Concen: 52.740 ng  
RT: 14.66 min Scan# 1934  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion: 152 Resp: 1645602  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.9 23.9  
153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 50.248 ng

RT: 14.39 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

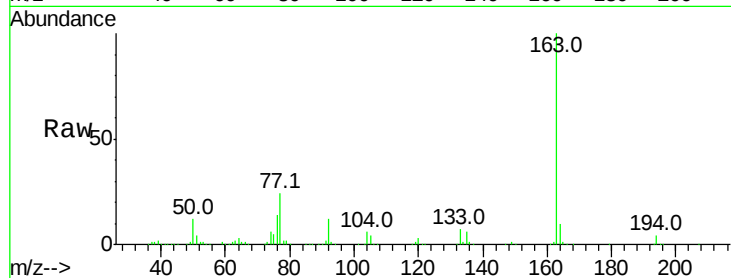
Tot Ion:163 Resp: 1314894

Ion Ratio Lower Upper

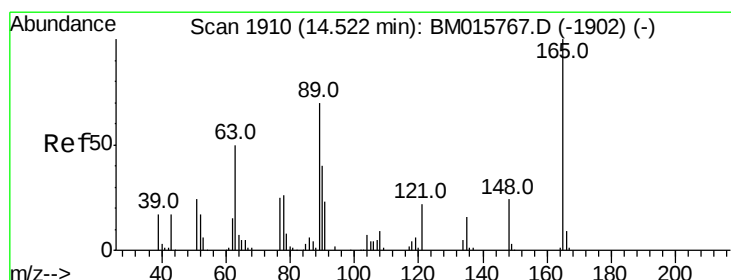
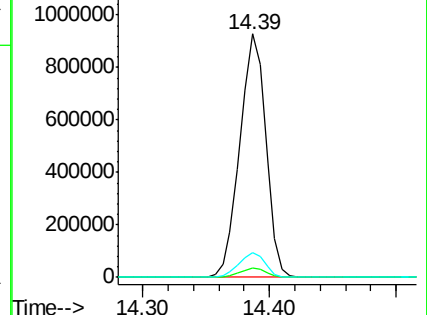
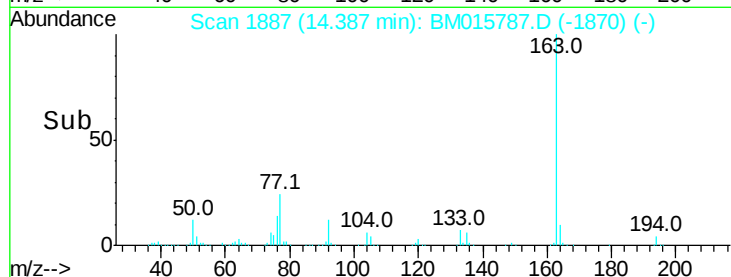
163 100

194 3.7 2.7 4.1

164 10.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 54.298 ng

RT: 14.52 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

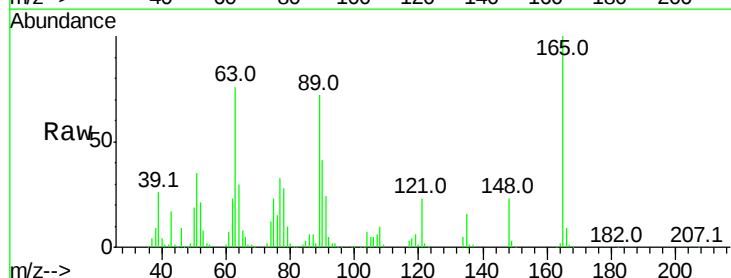
Tgt Ion:165 Resp: 277037

Ion Ratio Lower Upper

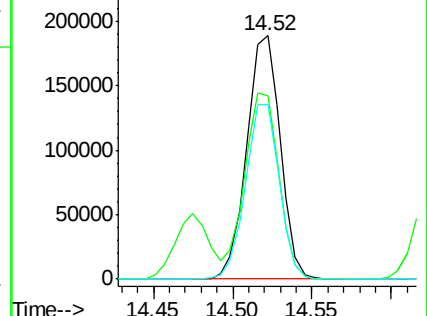
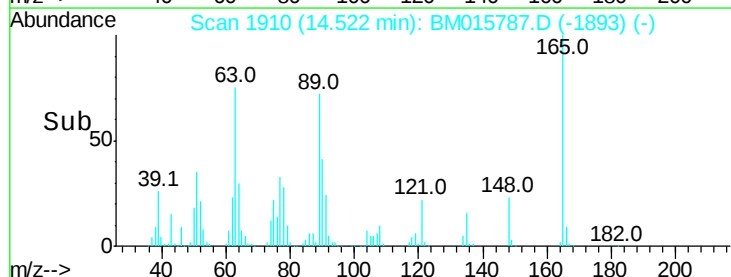
165 100

63 75.6 44.1 66.1#

89 71.7 44.3 66.5#



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





#51

Acenaphthene

Concen: 49.116 ng

RT: 15.00 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

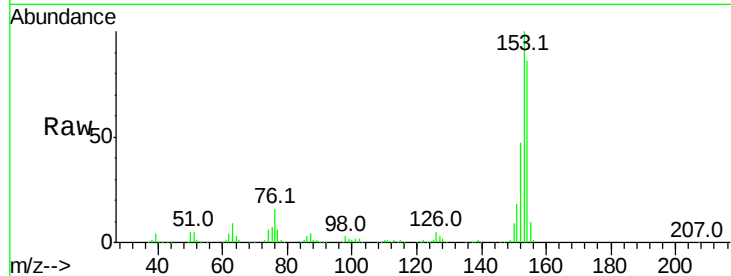
Tot Ion:154 Resp: 953644

Ion Ratio Lower Upper

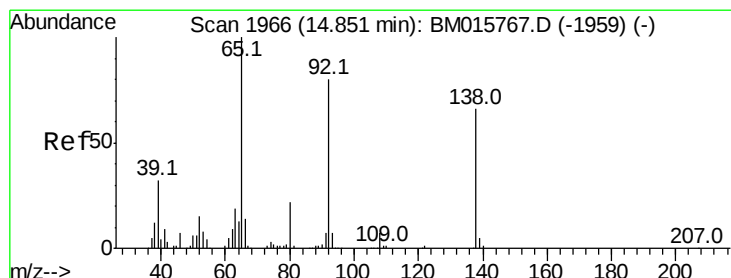
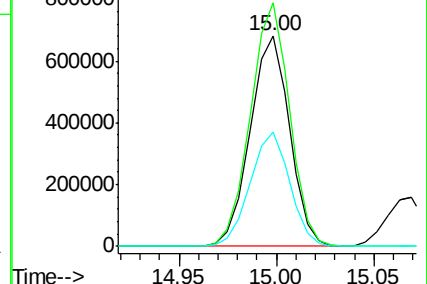
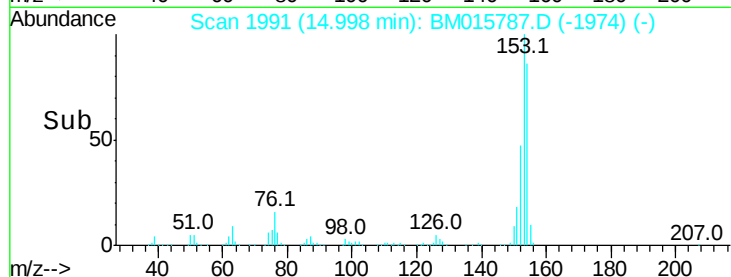
154 100

153 115.7 90.0 135.0

152 54.3 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.124 ng

RT: 14.85 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

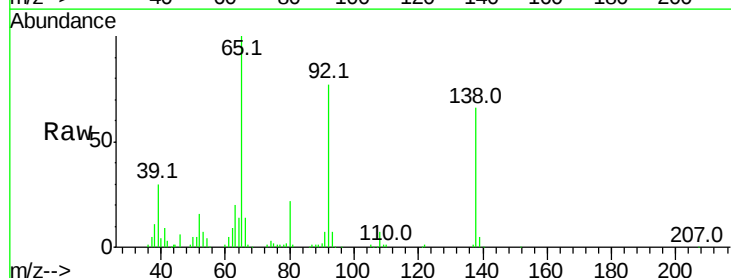
Tgt Ion:138 Resp: 162646

Ion Ratio Lower Upper

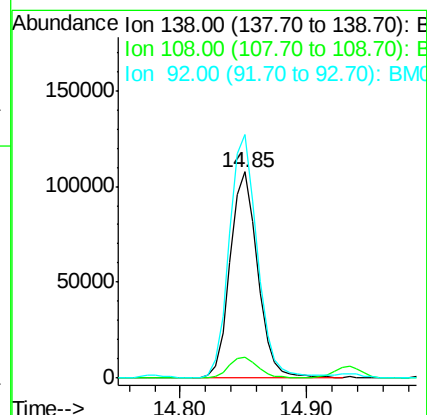
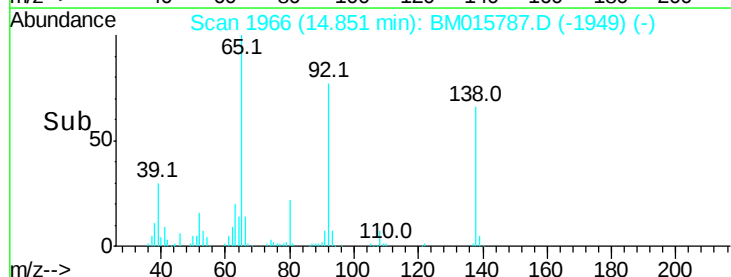
138 100

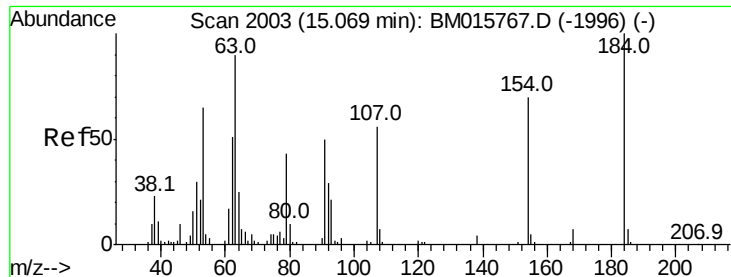
108 10.3 7.3 10.9

92 118.0 76.6 114.8#



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

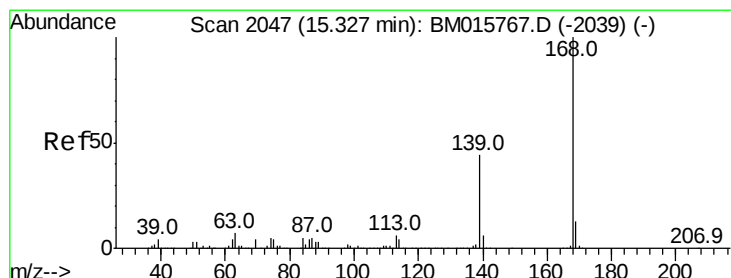
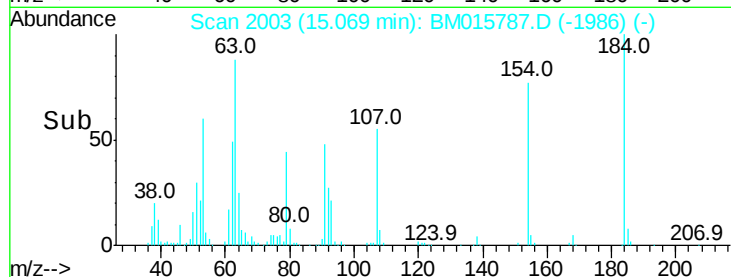
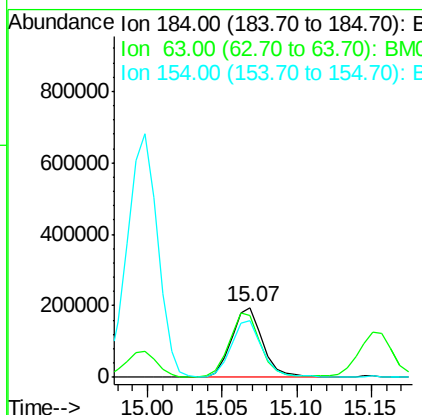
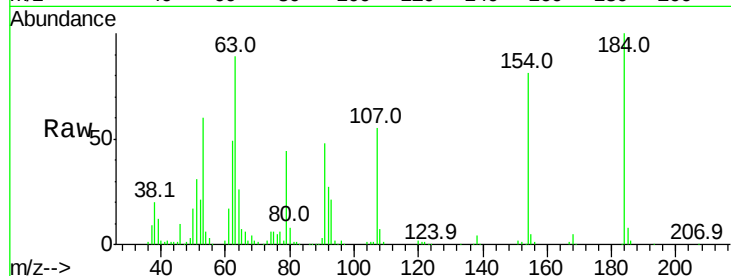




#53  
 2,4-Dinitrophenol  
 Concen: 109.513 ng  
 RT: 15.07 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

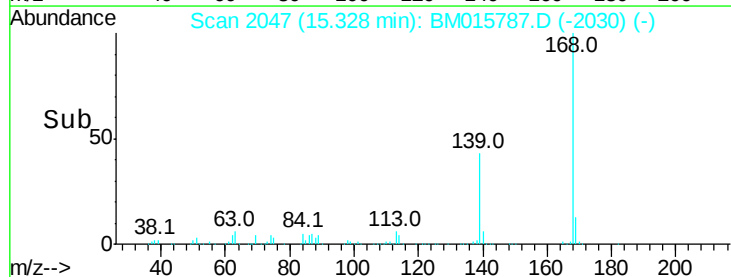
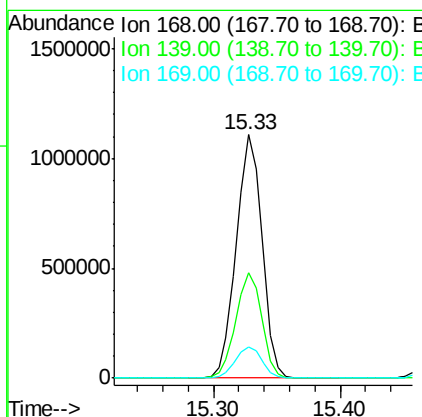
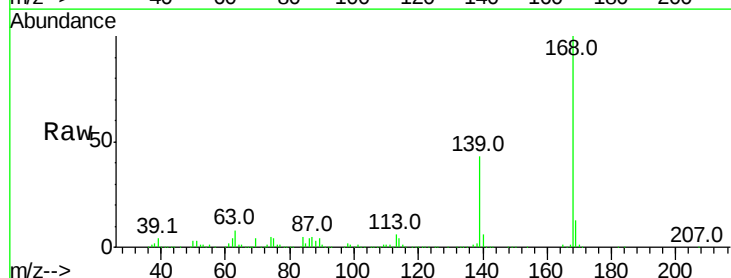
Instrument :  
 BNA\_M  
 ClientSampled :

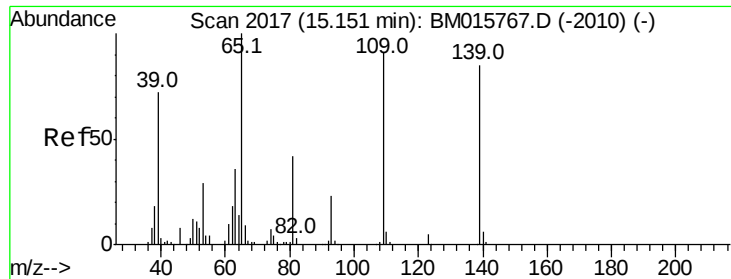
Tot Ion:184 Resp: 286838  
 Ion Ratio Lower Upper  
 184 100  
 63 89.1 69.2 103.8  
 154 81.5 53.3 79.9#



#54  
 Dibenzofuran  
 Concen: 51.939 ng  
 RT: 15.33 min Scan# 2047  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

Tgt Ion:168 Resp: 1553928  
 Ion Ratio Lower Upper  
 168 100  
 139 43.3 27.3 40.9#  
 169 13.0 10.6 16.0

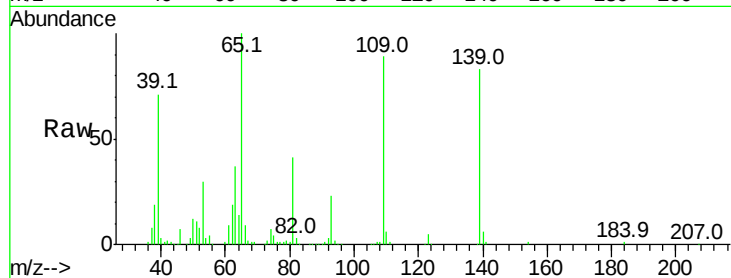




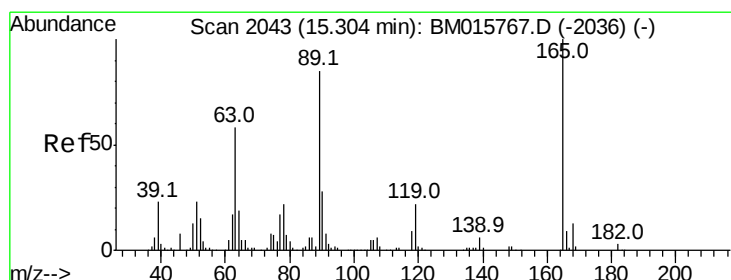
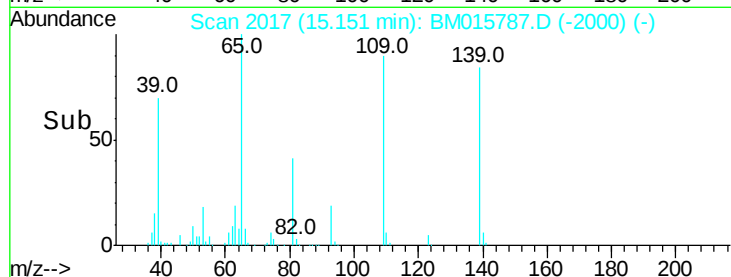
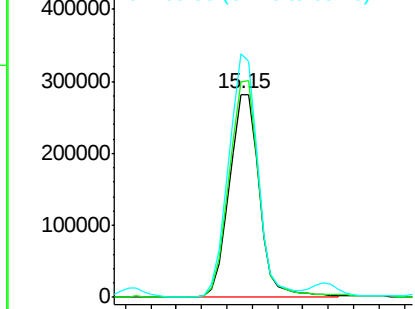
#55  
4-Nitrophenol  
Concen: 111.788 ng  
RT: 15.15 min Scan# 2017  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:139 Resp: 460740  
Ion Ratio Lower Upper  
139 100  
109 106.5 130.0 170.0#  
65 120.1 130.0 170.0#

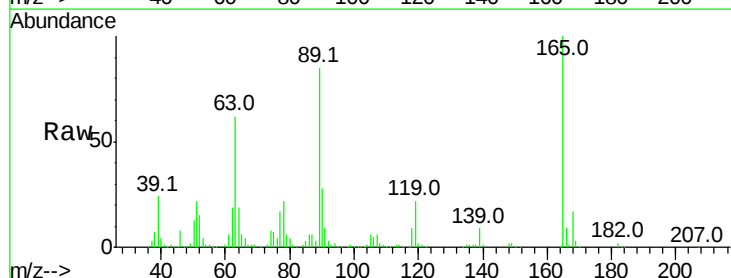


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BM0

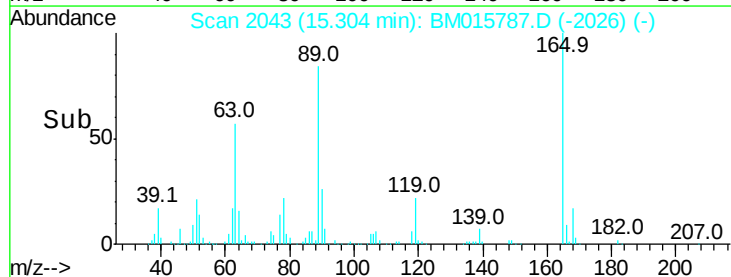
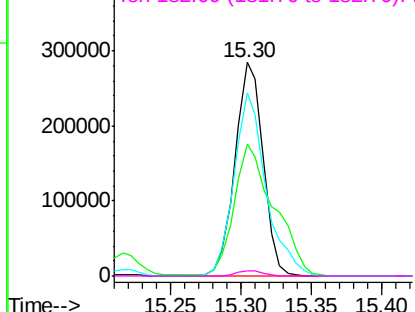


#56  
2,4-Dinitrotoluene  
Concen: 53.401 ng  
RT: 15.30 min Scan# 2043  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion:165 Resp: 393359  
Ion Ratio Lower Upper  
165 100  
63 61.7 52.4 78.6  
89 85.5 72.4 108.6  
182 2.4 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 89.00 (88.70 to 89.70): BM0  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.659 ng

RT: 15.97 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

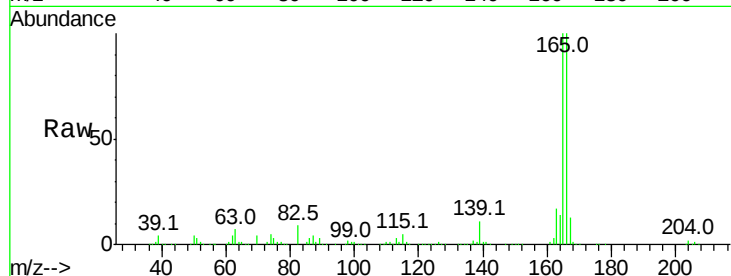
Tot Ion:166 Resp: 1274510

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.4

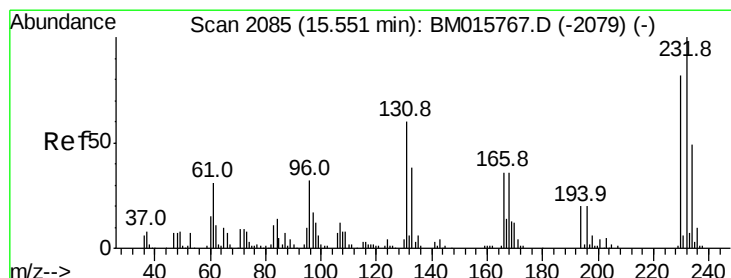
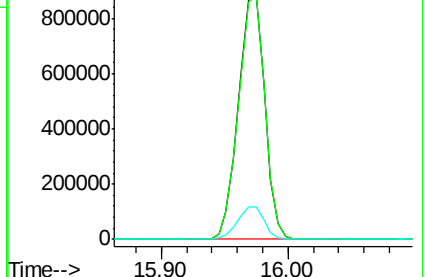
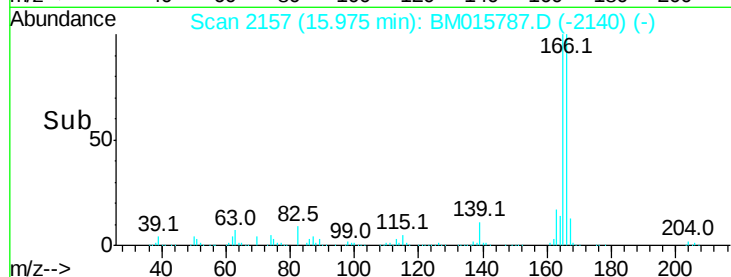
167 13.2 10.3 15.5



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.693 ng

RT: 15.55 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion:232 Resp: 316584

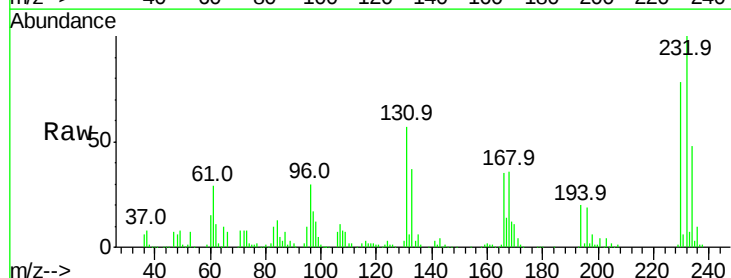
Ion Ratio Lower Upper

232 100

131 57.5 0.0 0.0#

130 3.6 0.0 0.0#

166 35.3 0.0 0.0#

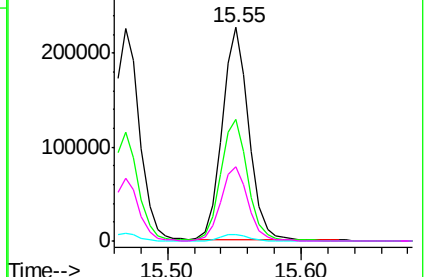
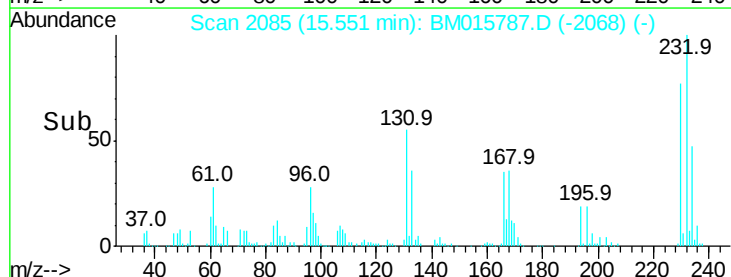


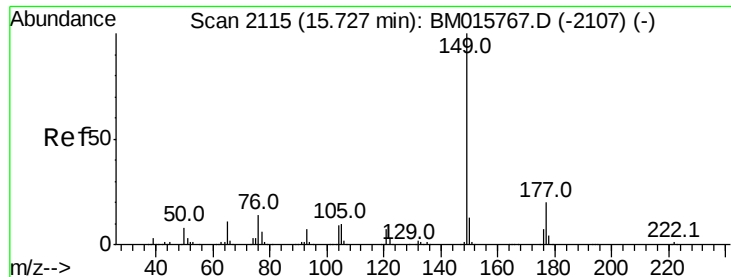
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

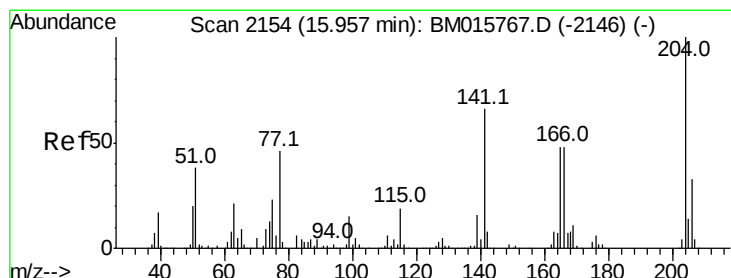
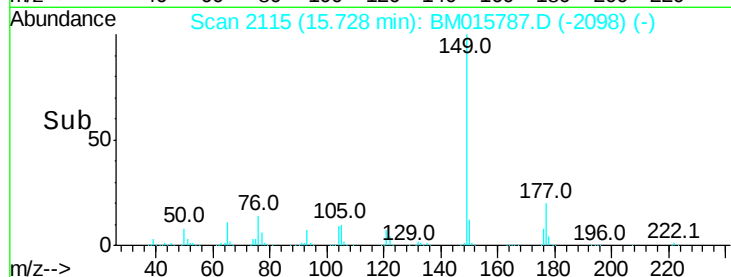
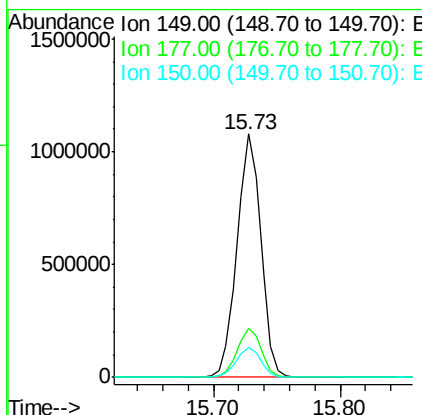
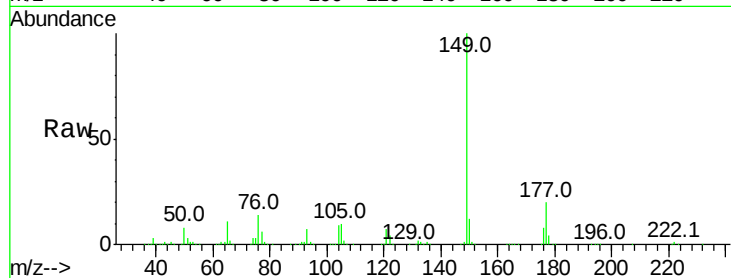




#59  
Diethylphthalate  
Concen: 49.828 ng  
RT: 15.73 min Scan# 2115  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

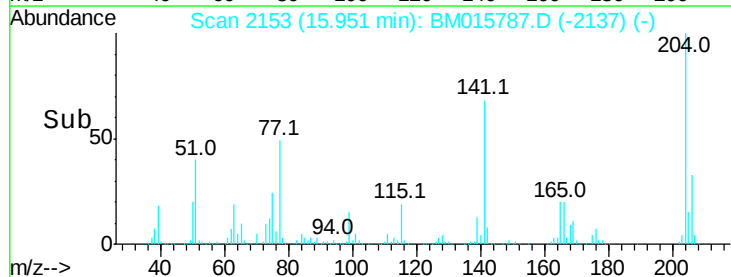
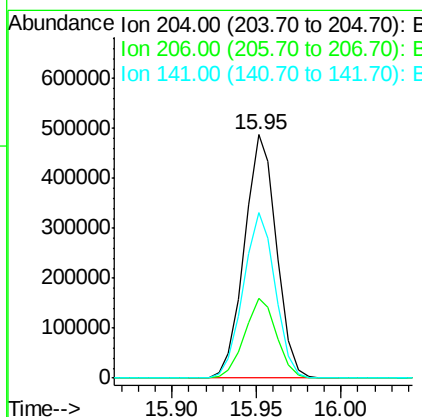
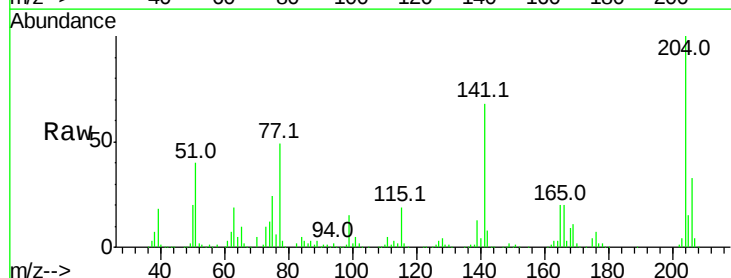
Instrument :  
BNA\_M  
ClientSampled :

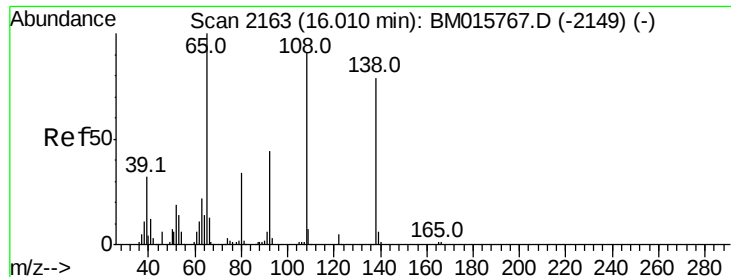
Tot Ion:149 Resp: 1397305  
Ion Ratio Lower Upper  
149 100  
177 20.2 18.3 27.5  
150 12.5 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 50.490 ng  
RT: 15.95 min Scan# 2153  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion:204 Resp: 640986  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.6 39.8  
141 68.1 45.2 67.8#

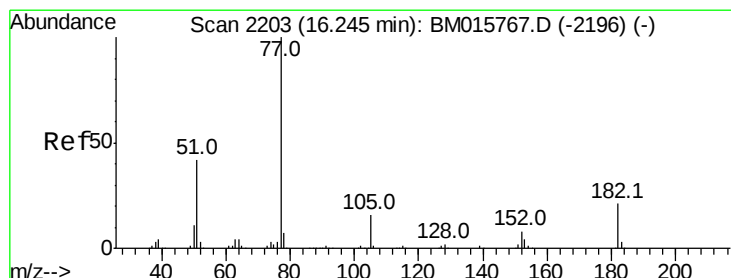
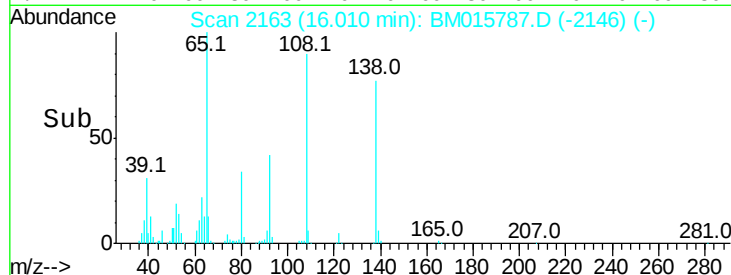
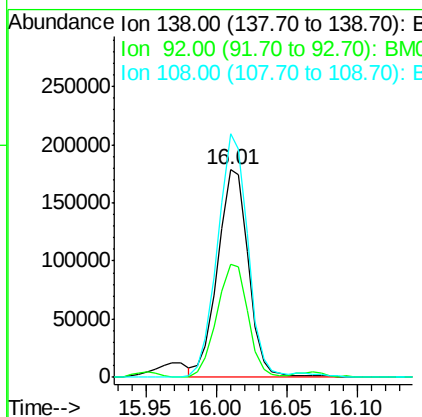
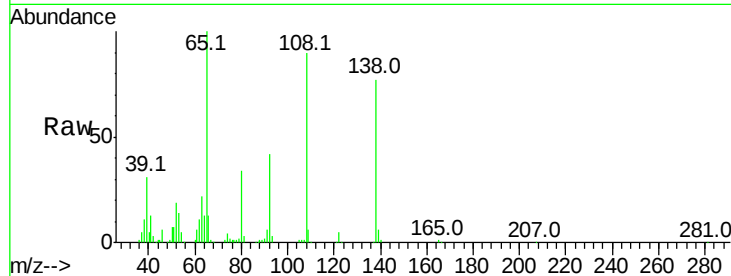




#61  
4-Nitroaniline  
Concen: 46.340 ng  
RT: 16.01 min Scan# 2163  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

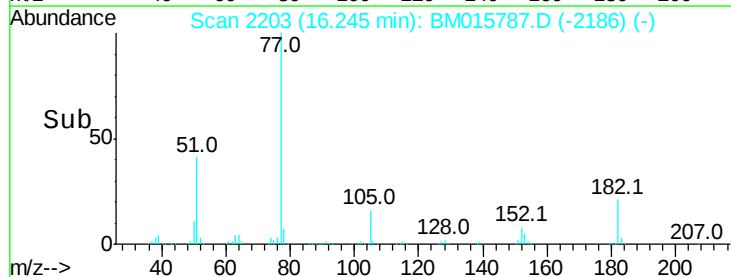
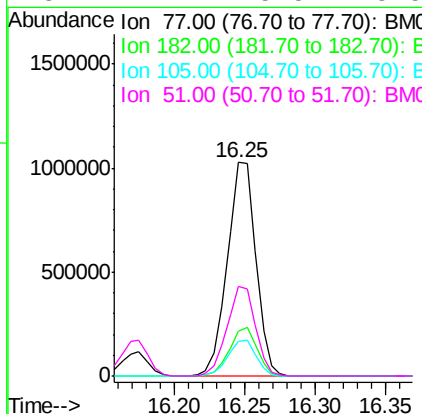
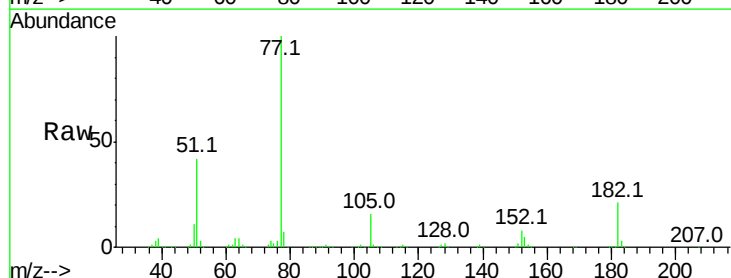
Instrument :  
BNA\_M  
ClientSampleId :

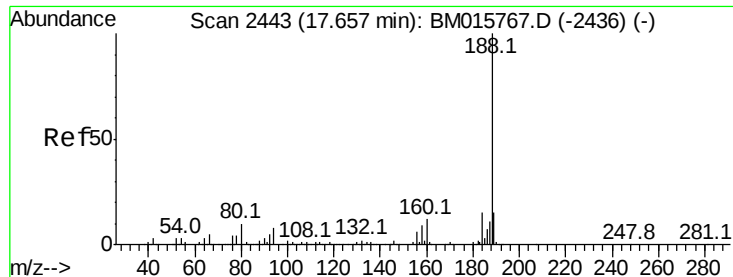
Tot Ion:138 Resp: 268470  
Ion Ratio Lower Upper  
138 100  
92 54.8 16.7 56.7  
108 117.3 37.6 77.6#



#62  
Azobenzene  
Concen: 55.037 ng  
RT: 16.25 min Scan# 2203  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion: 77 Resp: 1446719  
Ion Ratio Lower Upper  
77 100  
182 20.9 6.5 46.5  
105 16.4 3.8 43.8  
51 41.7 5.5 45.5

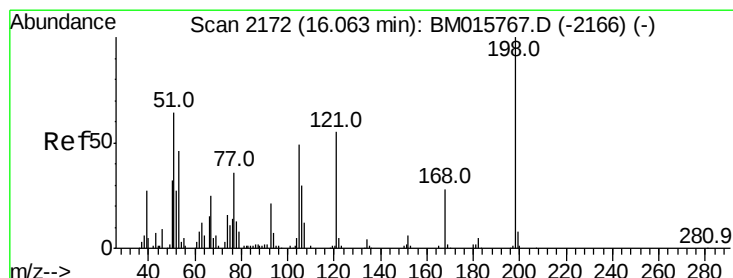
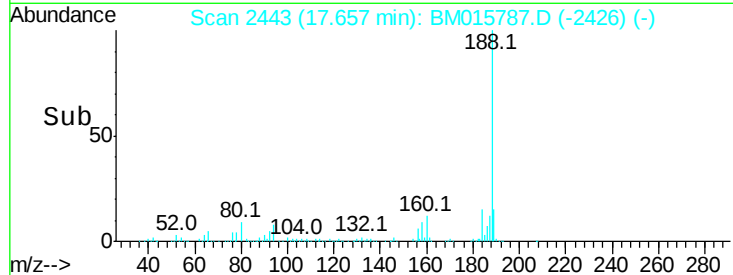
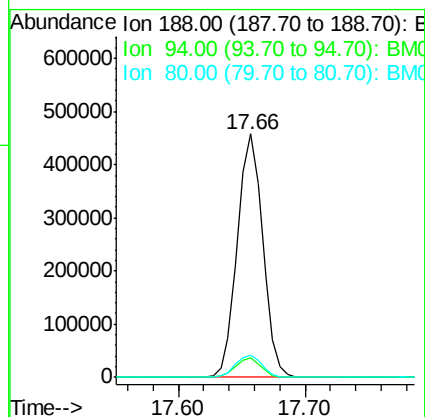
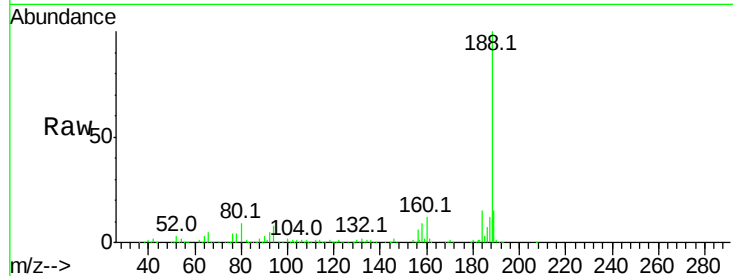




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.66 min Scan# 2443  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

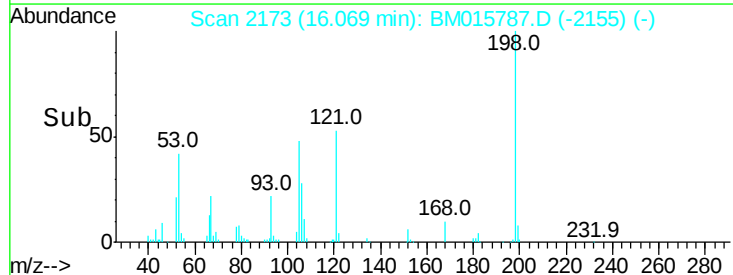
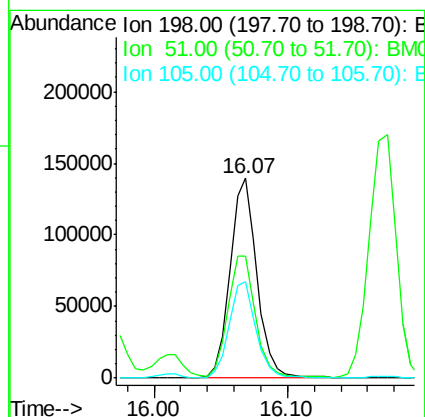
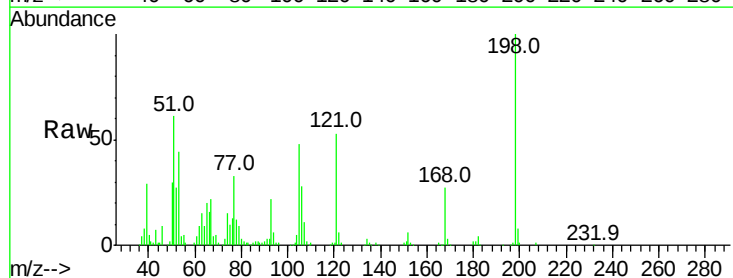
Instrument :  
 BNA\_M  
 ClientSampleId :

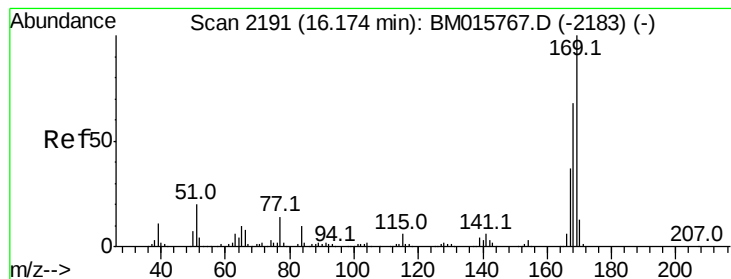
Tot Ion:188 Resp: 633587  
 Ion Ratio Lower Upper  
 188 100  
 94 8.0 8.7 13.1#  
 80 9.3 9.3 13.9



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 51.026 ng  
 RT: 16.07 min Scan# 2173  
 Delta R.T. 0.01 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

Tgt Ion:198 Resp: 196538  
 Ion Ratio Lower Upper  
 198 100  
 51 61.2 28.8 68.8  
 105 48.0 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 50.185 ng

RT: 16.17 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

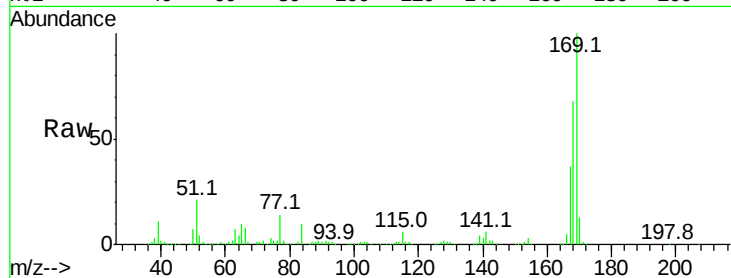
Tot Ion:169 Resp: 1089524

Ion Ratio Lower Upper

169 100

168 68.1 53.9 80.9

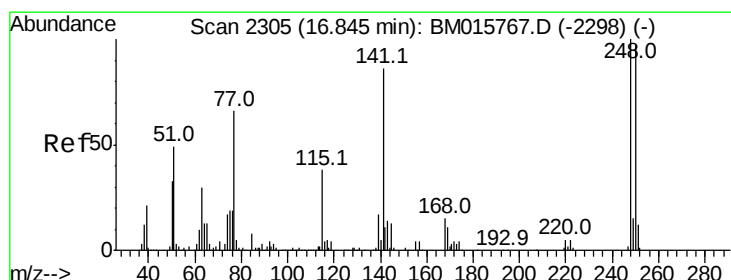
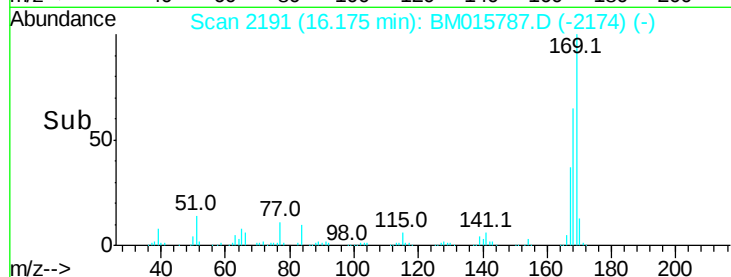
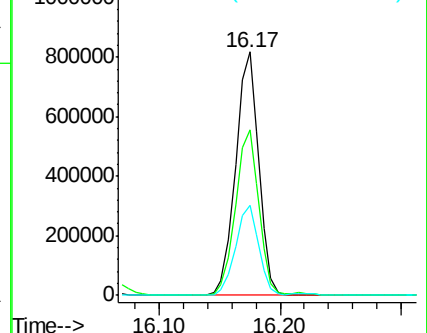
167 37.2 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.622 ng

RT: 16.84 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

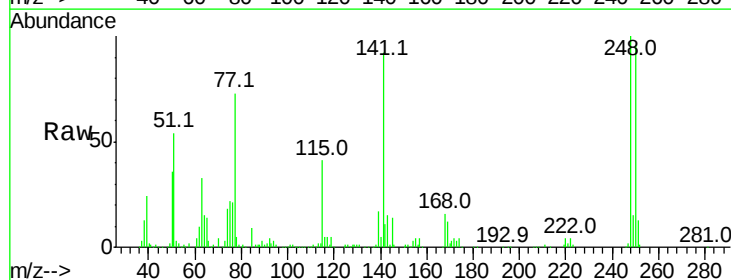
Tgt Ion:248 Resp: 386404

Ion Ratio Lower Upper

248 100

250 95.6 77.4 116.0

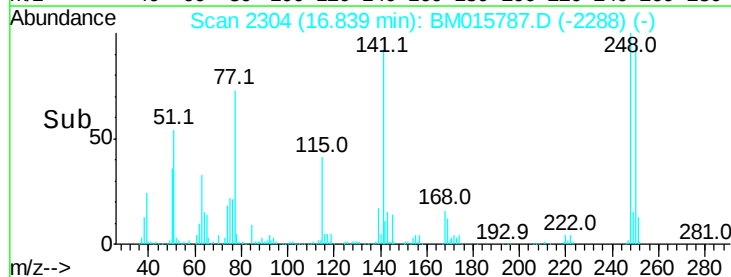
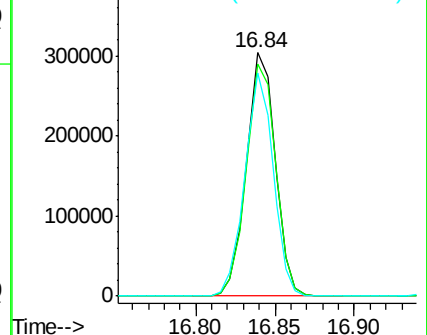
141 91.6 45.2 67.8#

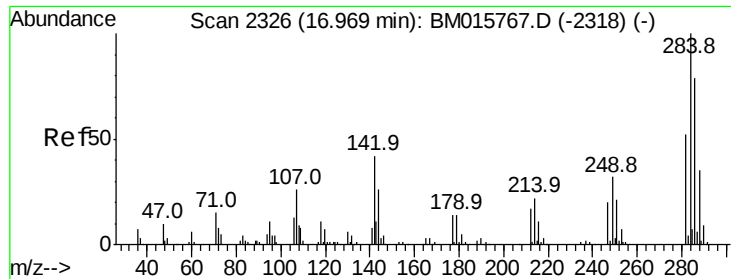


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

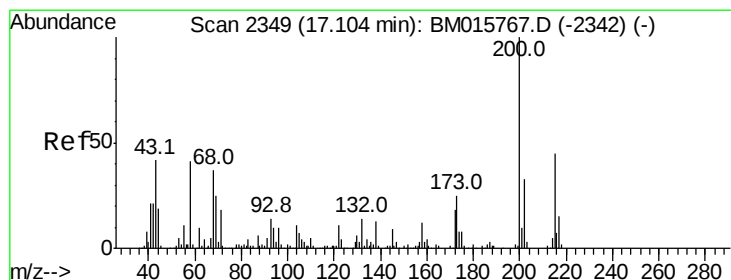
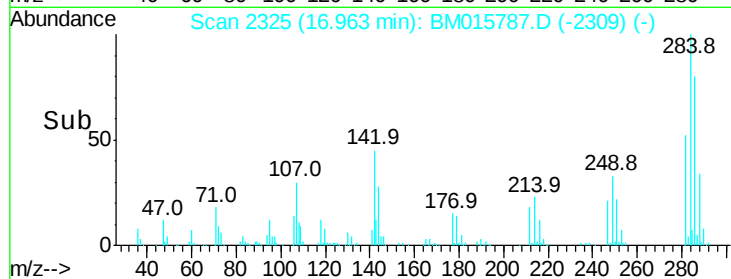
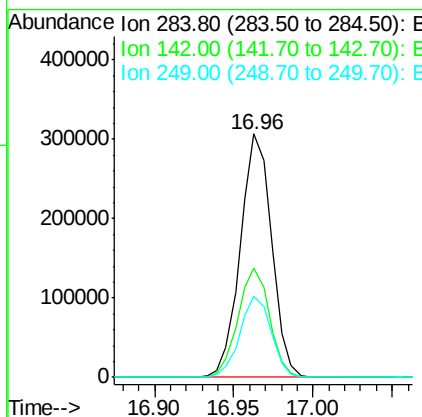
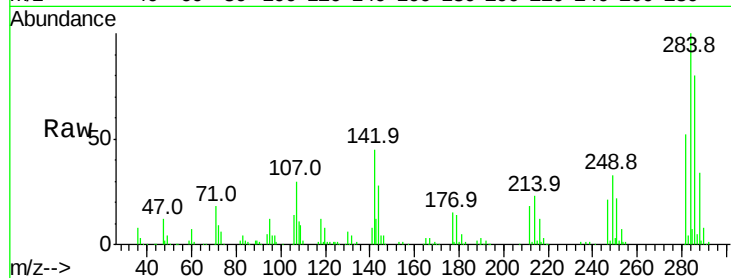




#67  
Hexachlorobenzene  
Concen: 53.067 ng  
RT: 16.96 min Scan# 2325  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

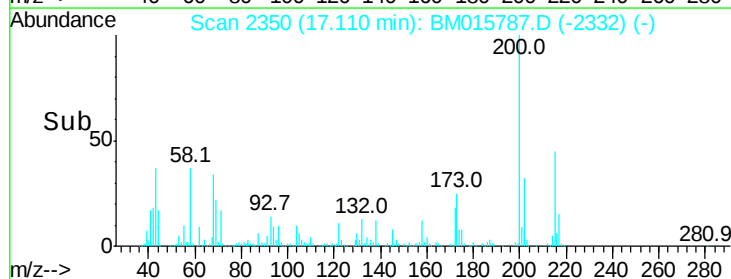
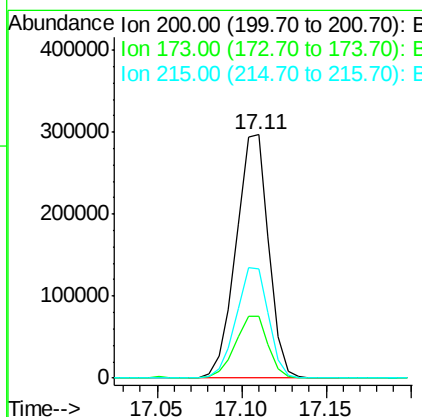
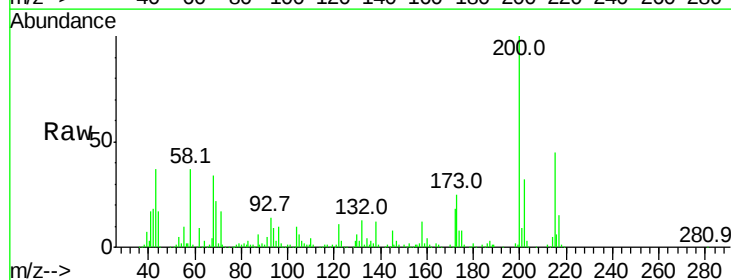
Instrument :  
BNA\_M  
ClientSampleId :

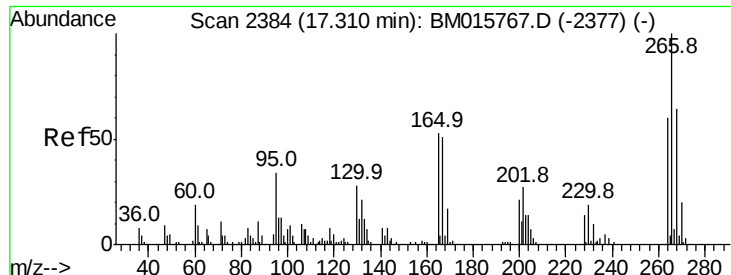
Tot Ion:284 Resp: 419494  
Ion Ratio Lower Upper  
284 100  
142 44.8 20.4 30.6#  
249 33.2 23.8 35.6



#68  
Atrazine  
Concen: 55.792 ng  
RT: 17.11 min Scan# 2350  
Delta R.T. 0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion:200 Resp: 398411  
Ion Ratio Lower Upper  
200 100  
173 25.2 4.8 44.8  
215 45.0 26.9 66.9

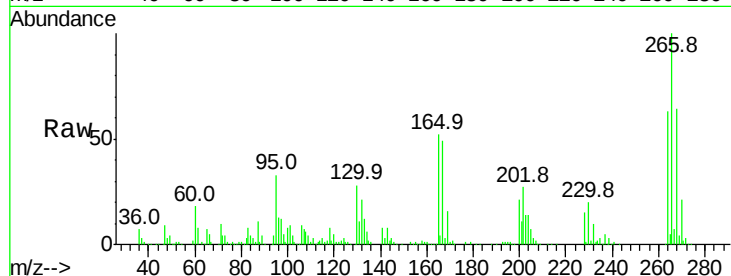




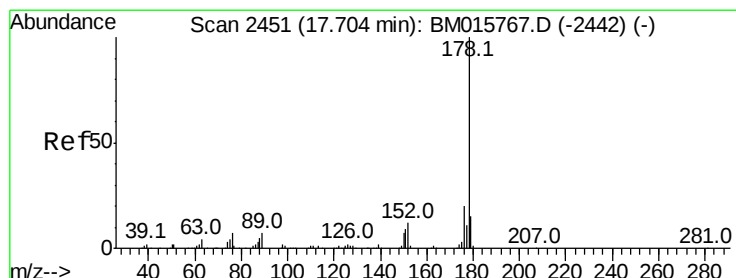
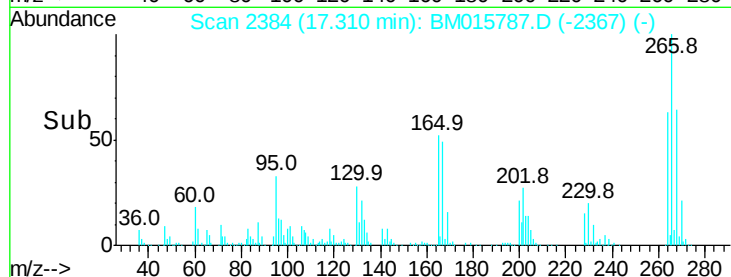
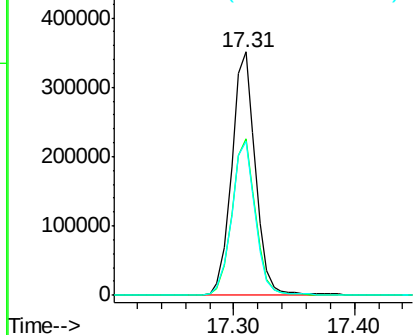
#69  
 Pentachlorophenol  
 Concen: 98.076 ng  
 RT: 17.31 min Scan# 2384  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.2  | 52.0  | 78.0  |
| 264     | 63.2  | 49.0  | 73.4  |

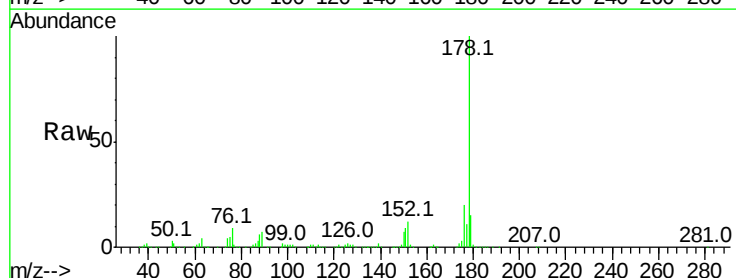


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

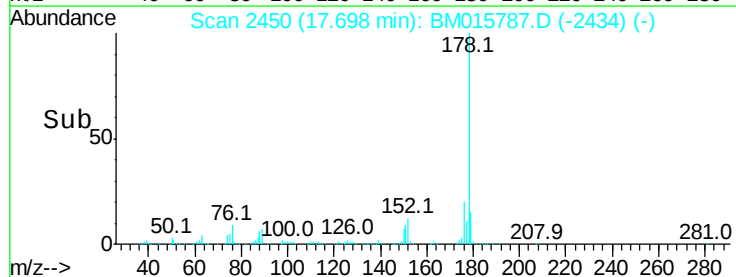
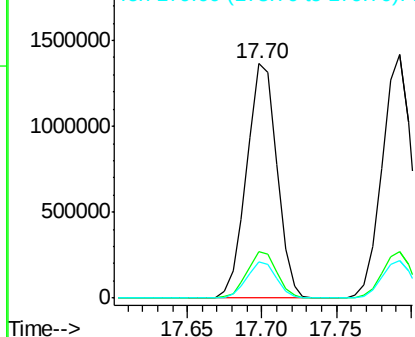


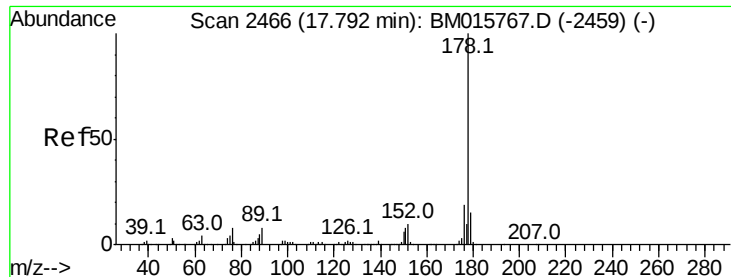
#70  
 Phenanthrene  
 Concen: 52.798 ng  
 RT: 17.70 min Scan# 2450  
 Delta R.T. -0.01 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.2  | 22.8  |
| 179     | 15.3  | 12.1  | 18.1  |



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

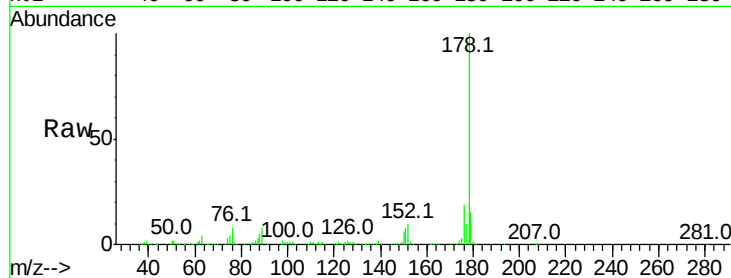




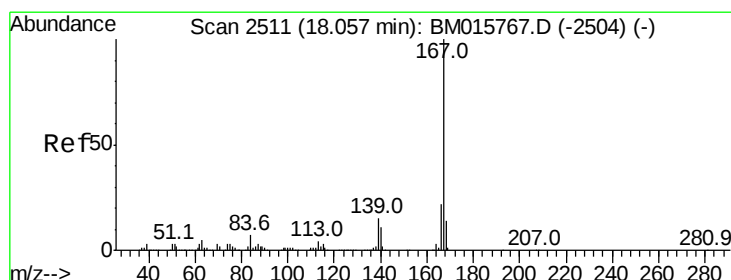
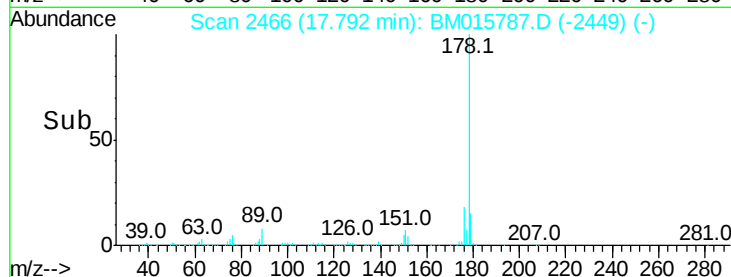
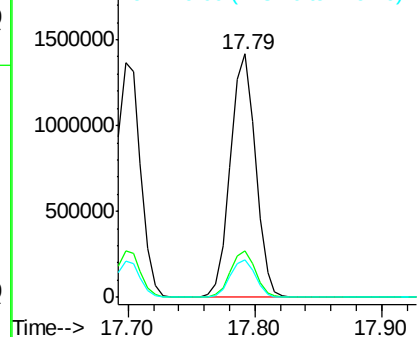
#71  
 Anthracene  
 Concen: 54.611 ng  
 RT: 17.79 min Scan# 2466  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:178 Resp: 1944022  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 14.6 22.0  
 179 15.2 12.6 19.0

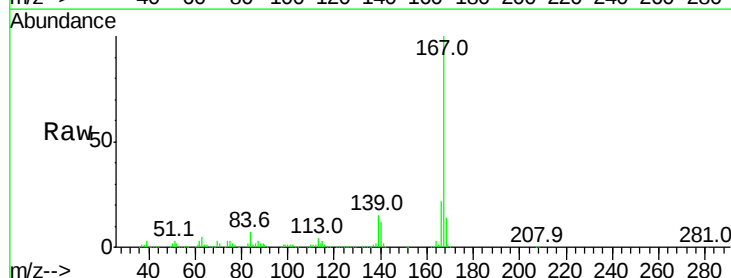


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

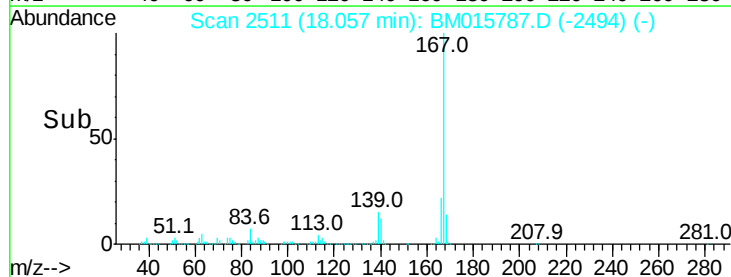
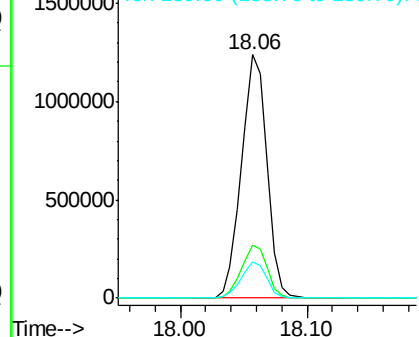


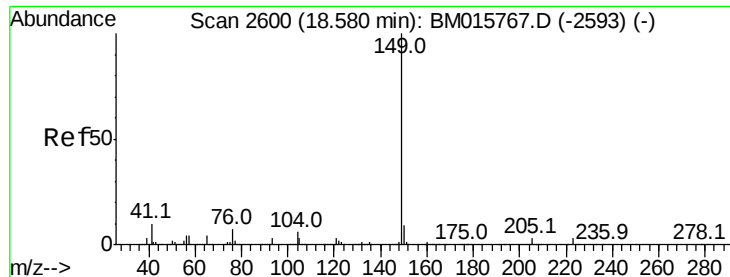
#72  
 Carbazole  
 Concen: 51.861 ng  
 RT: 18.06 min Scan# 2511  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

Tgt Ion:167 Resp: 1720318  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.2 25.8  
 139 14.7 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

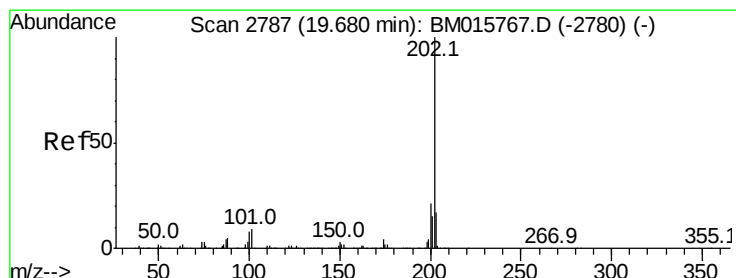
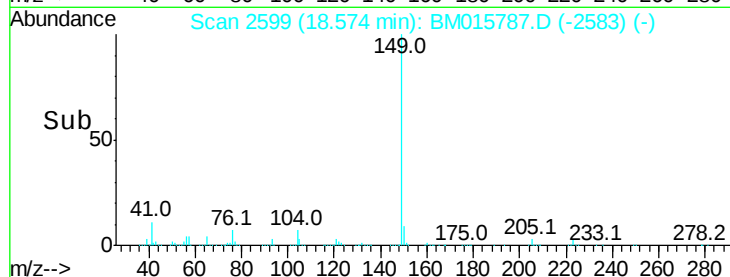
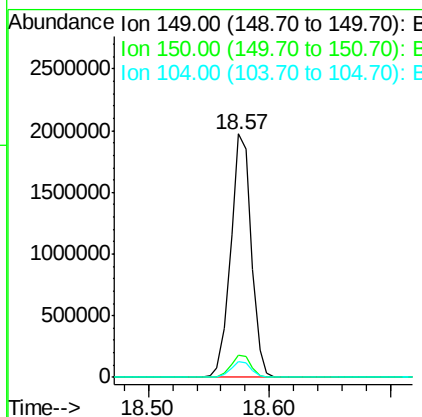
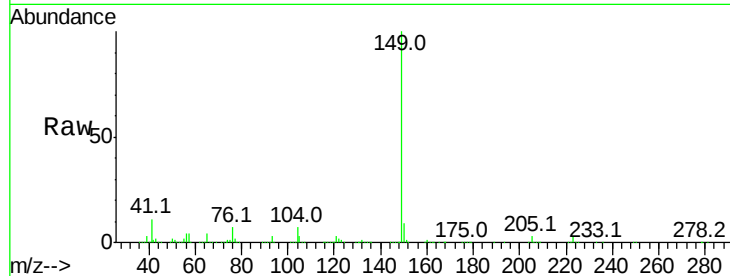




#73  
Di-n-butylphthalate  
Concen: 52.186 ng  
RT: 18.57 min Scan# 2599  
Delta R.T. -0.01 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

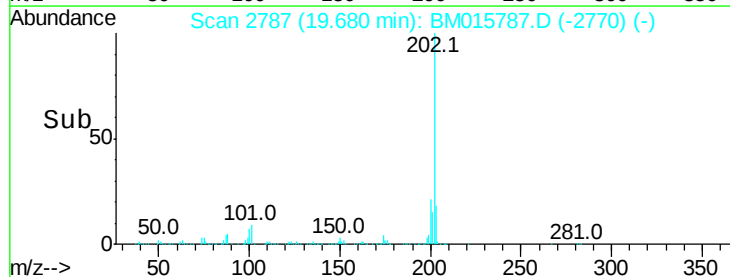
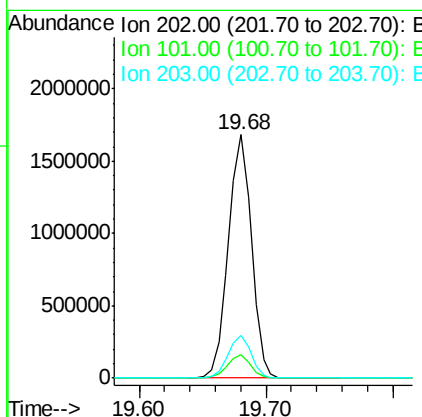
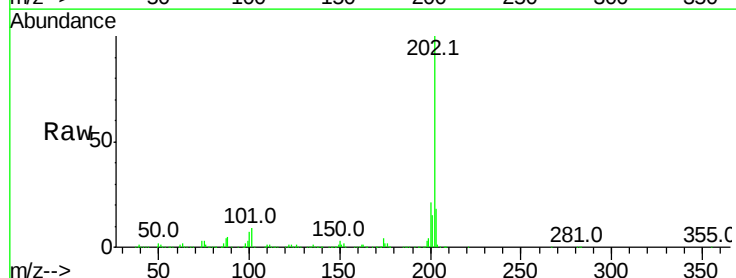
Instrument :  
BNA\_M  
ClientSampleId :

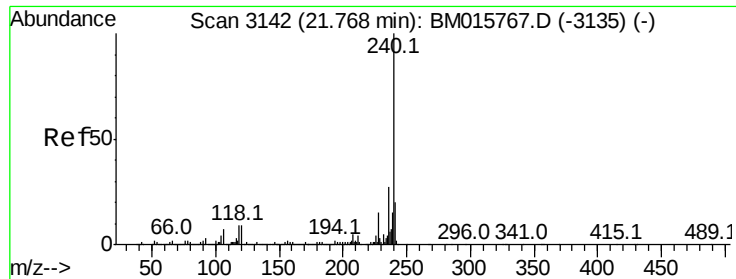
Tot Ion:149 Resp: 2333247  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.5 11.3  
104 6.5 3.7 5.5#



#74  
Fluoranthene  
Concen: 50.930 ng  
RT: 19.68 min Scan# 2787  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion:202 Resp: 2122305  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 28.7  
203 17.5 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

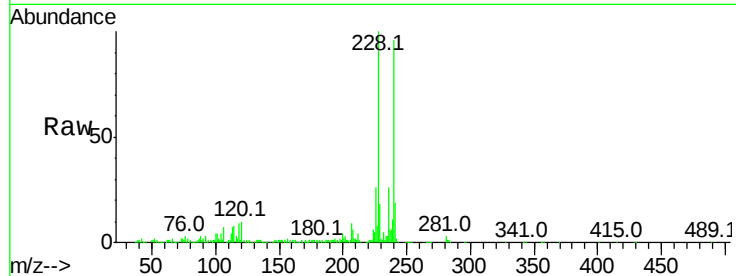
Tot Ion:240 Resp: 598085

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

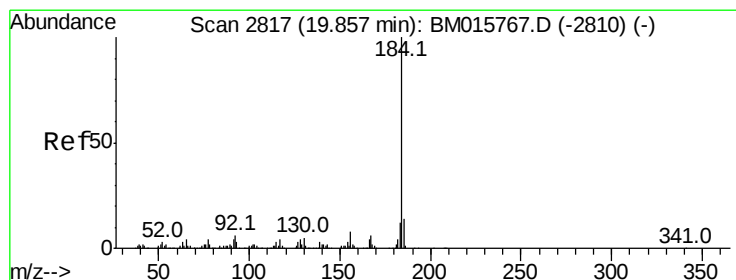
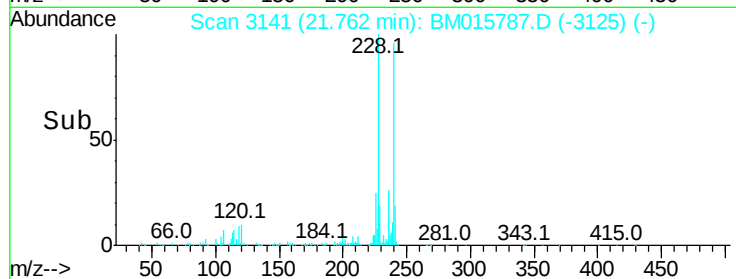
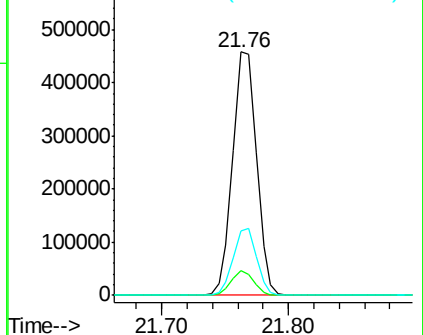
236 26.6 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.644 ng

RT: 19.86 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

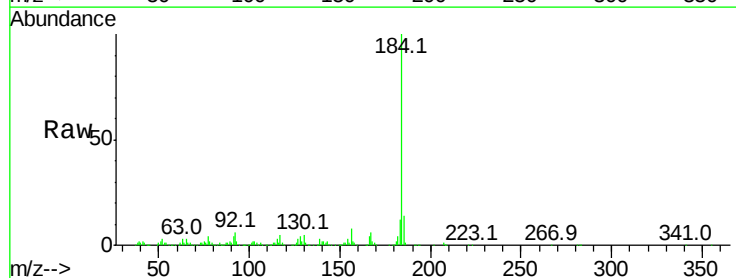
Tgt Ion:184 Resp: 817356

Ion Ratio Lower Upper

184 100

185 13.5 11.3 16.9

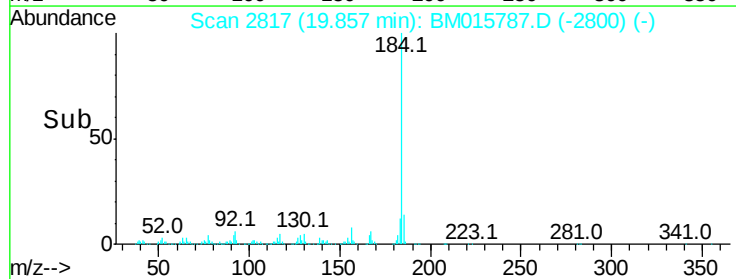
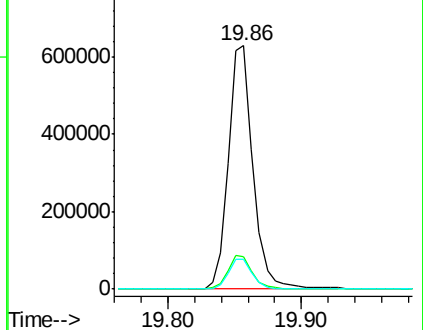
183 12.0 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

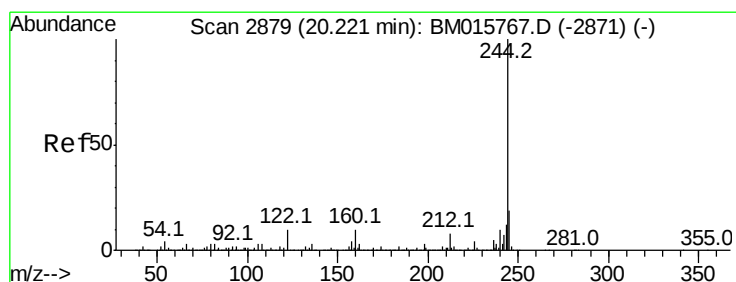
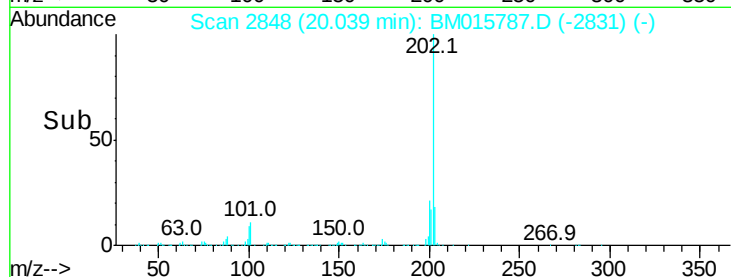
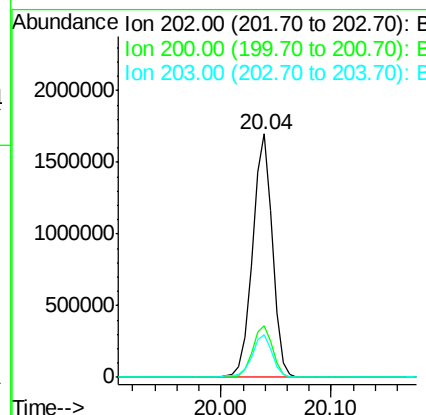
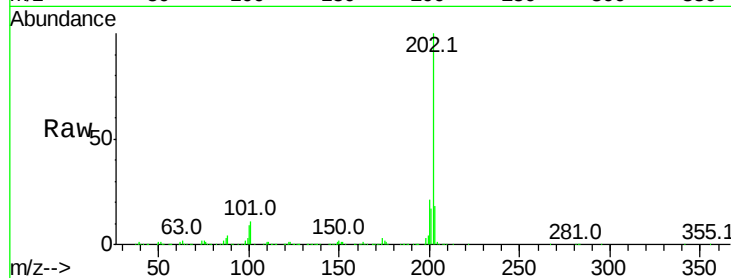




#77  
Pvrene  
Concen: 57.136 ng  
RT: 20.04 min Scan# 2848  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

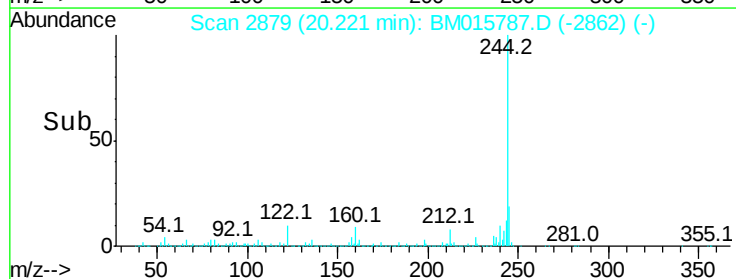
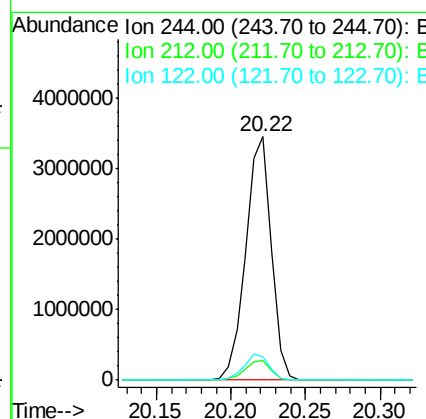
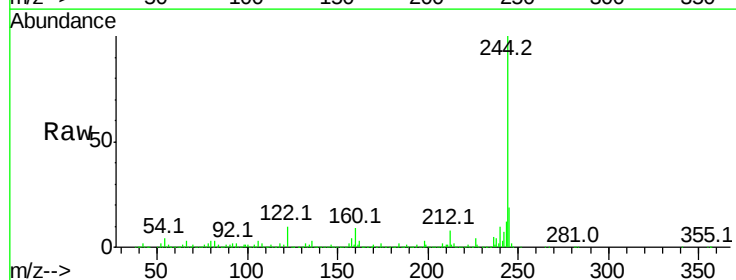
Instrument :  
BNA\_M  
ClientSampleId :

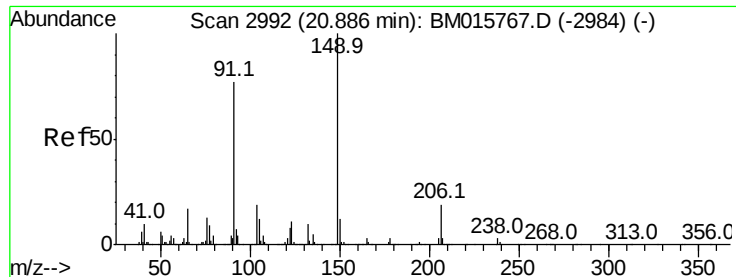
Tot Ion:202 Resp: 2128649  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.9 25.3  
203 17.6 14.1 21.1



#78  
Terphenyl-d14  
Concen: 57.136 ng  
RT: 20.22 min Scan# 2879  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion:244 Resp: 4070120  
Ion Ratio Lower Upper  
244 100  
212 8.0 4.9 7.3#  
122 9.7 6.2 9.4#





#79

Butylbenzylphthalate

Concen: 56.315 ng

RT: 20.89 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

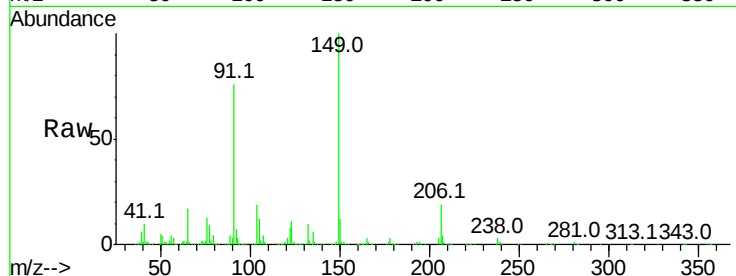
Tot Ion:149 Resp: 1014178

Ion Ratio Lower Upper

149 100

91 76.4 50.1 75.1#

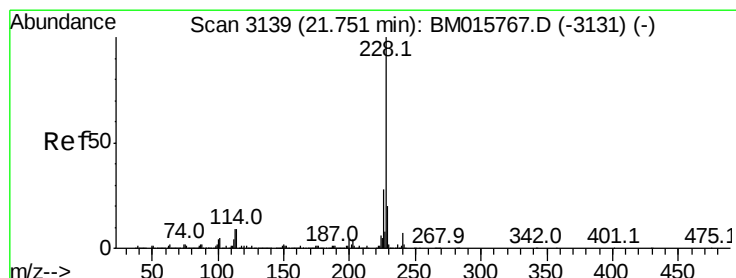
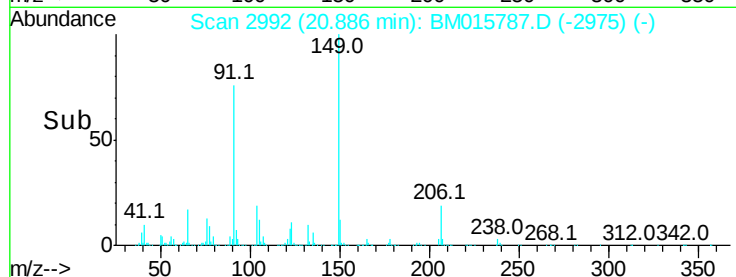
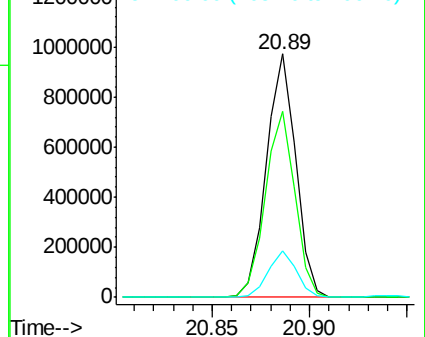
206 18.9 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 52.472 ng

RT: 21.75 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

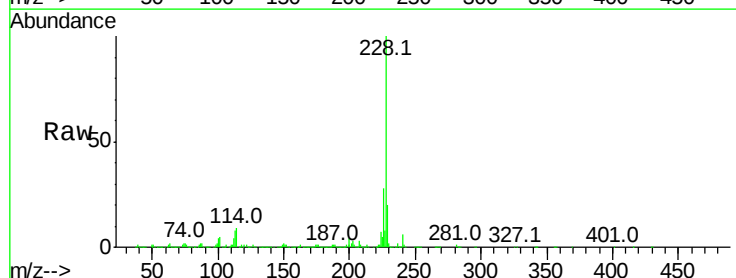
Tgt Ion:228 Resp: 1989733

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

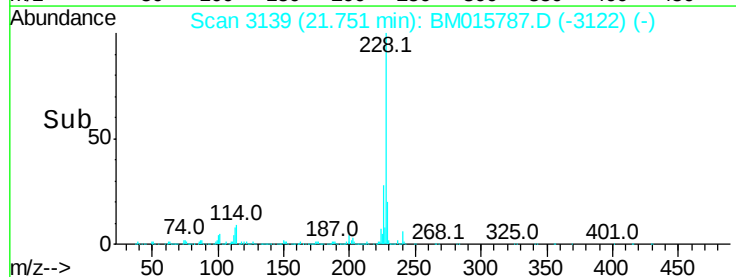
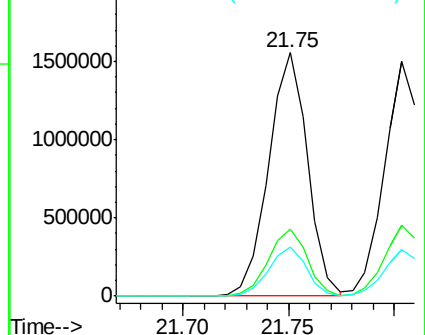
229 19.9 16.0 24.0

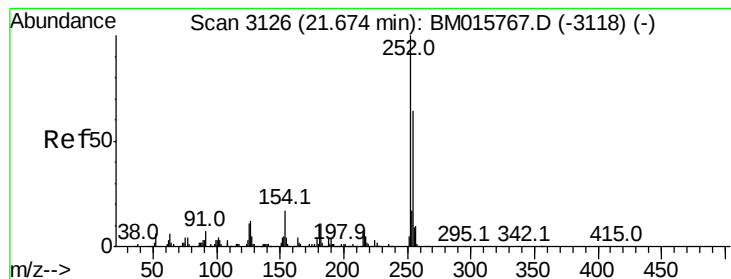


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 28.302 ng

RT: 21.67 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

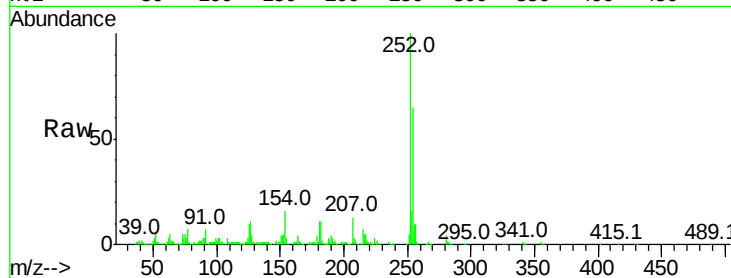
Tot Ion:252 Resp: 385602

Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

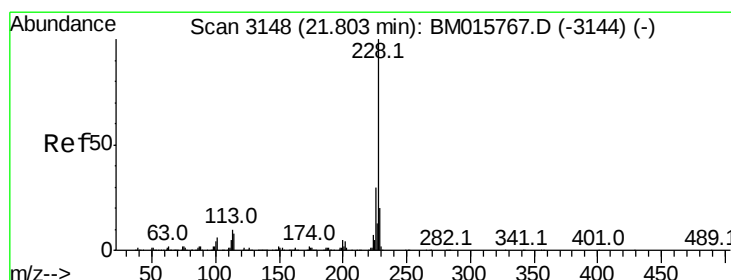
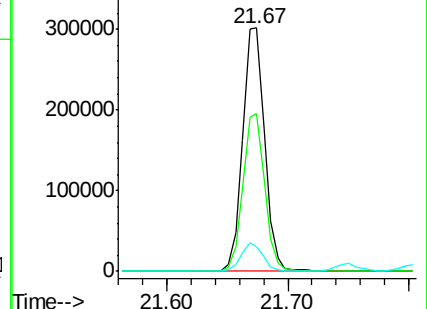
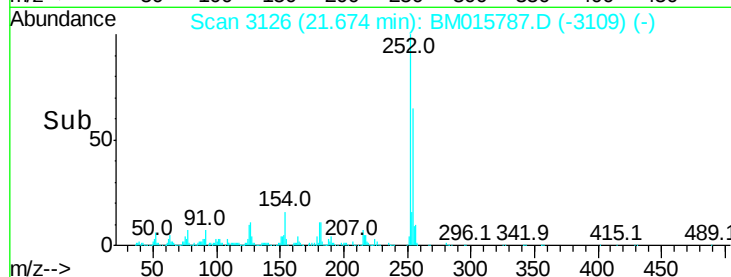
126 10.2 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 51.877 ng

RT: 21.80 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

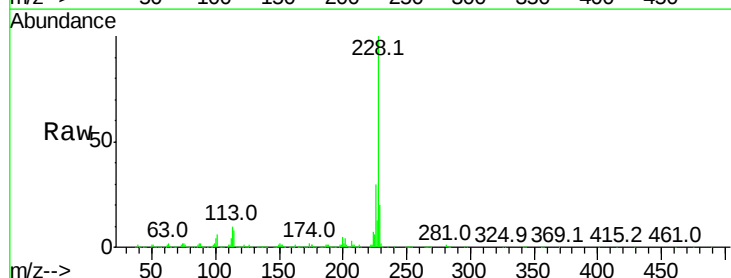
Tgt Ion:228 Resp: 1832524

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

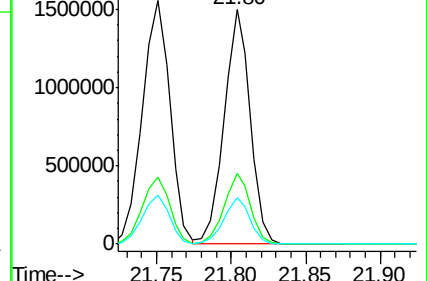
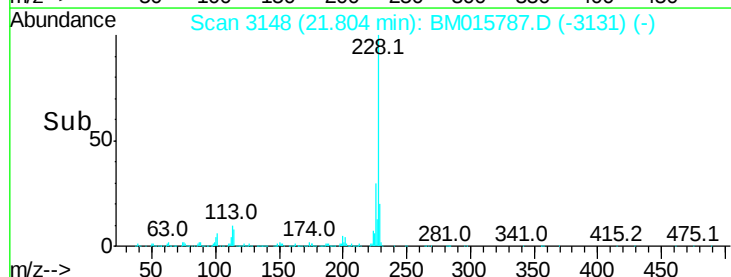
229 19.8 15.5 23.3

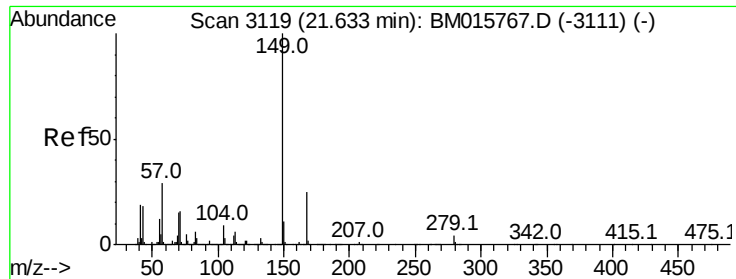


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.392 ng

RT: 21.63 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

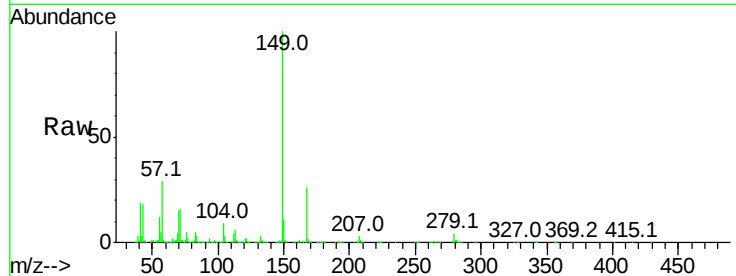
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:149 Resp: 1420734

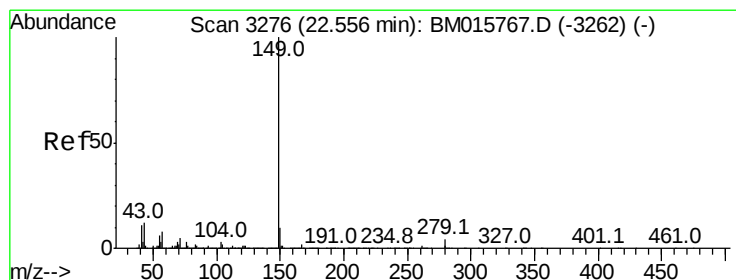
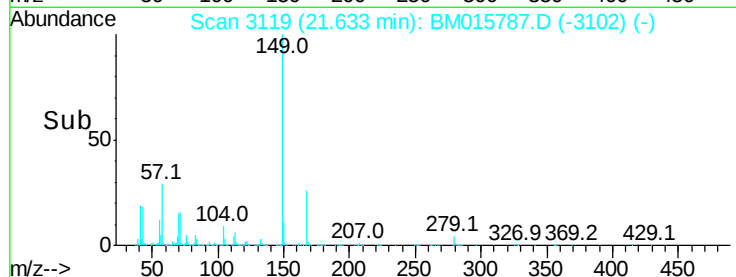
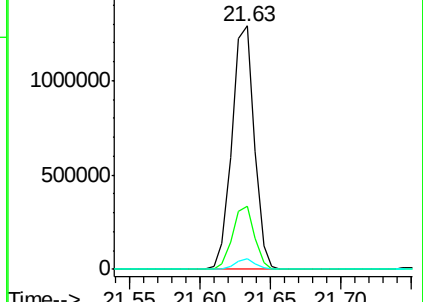
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 25.8  | 22.4  | 33.6  |
| 279 | 4.3   | 3.4   | 5.0   |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.044 ng

RT: 22.55 min Scan# 3275

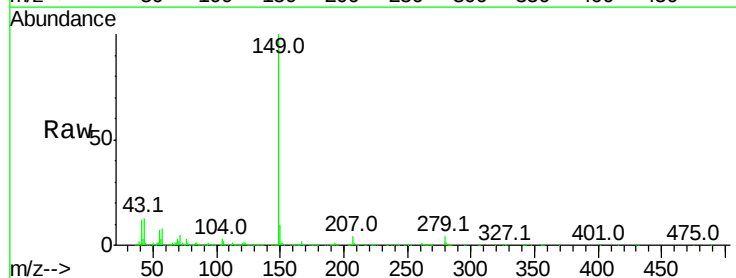
Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Tgt Ion:149 Resp: 2214730

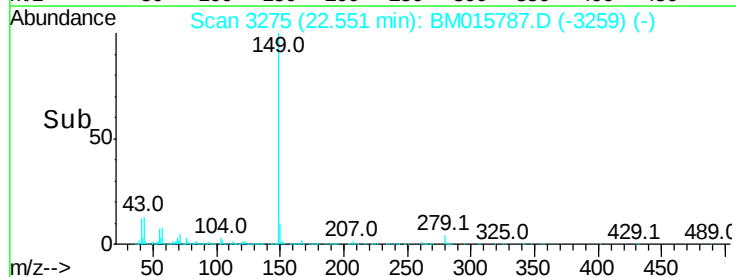
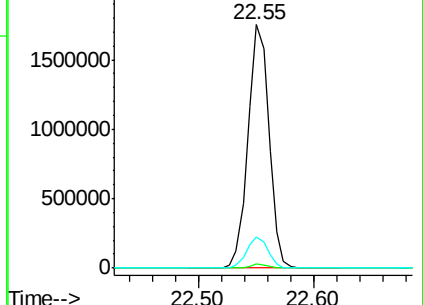
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 12.8  | 7.3   | 10.9  |

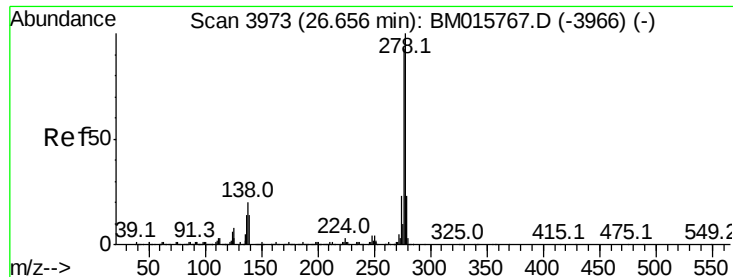


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



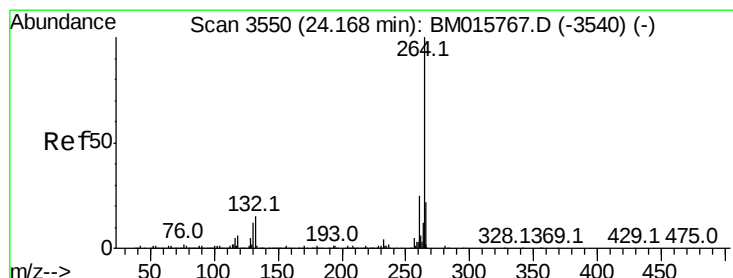
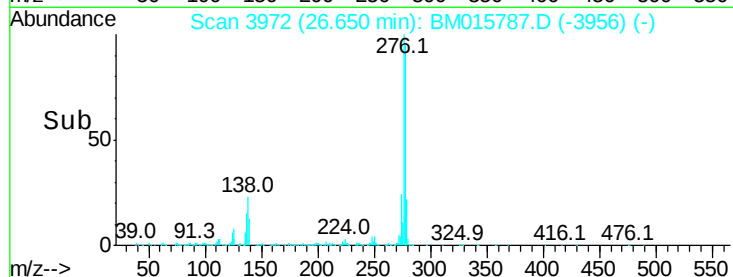
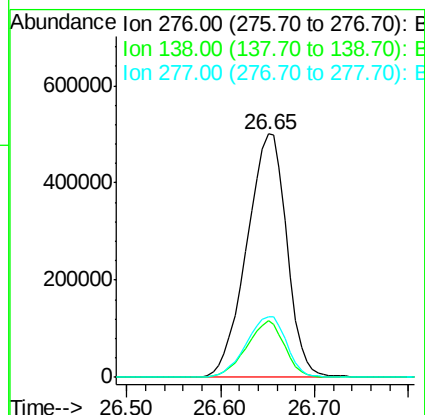
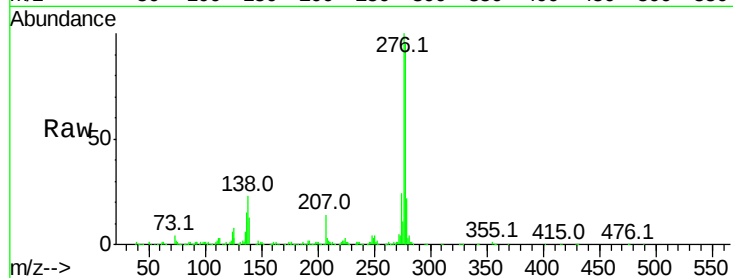


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.947 ng  
 RT: 26.65 min Scan# 3972  
 Delta R.T. -0.01 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:276 Resp: 1475126  

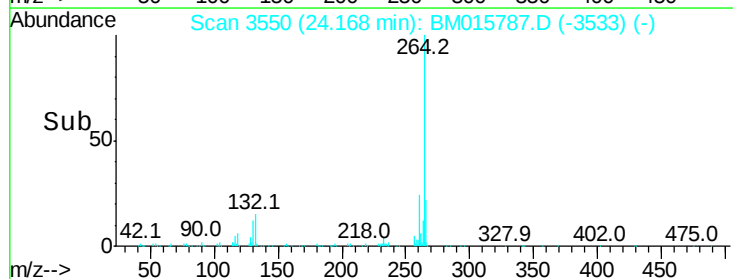
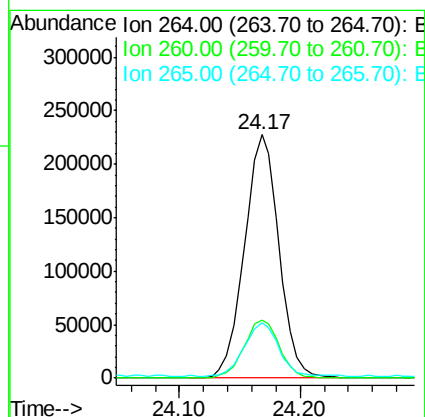
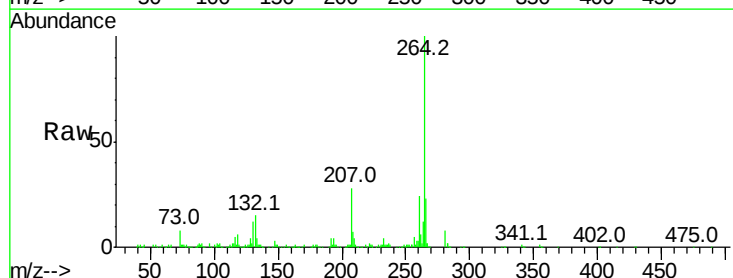
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 22.1  | 12.0  | 18.0# |
| 277 | 25.3  | 20.0  | 30.0  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.17 min Scan# 3550  
 Delta R.T. 0.00 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

Tgt Ion:264 Resp: 454810  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 18.6  | 27.8  |
| 265 | 22.6  | 17.3  | 25.9  |

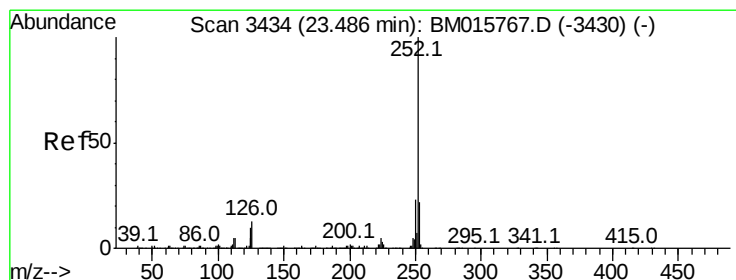
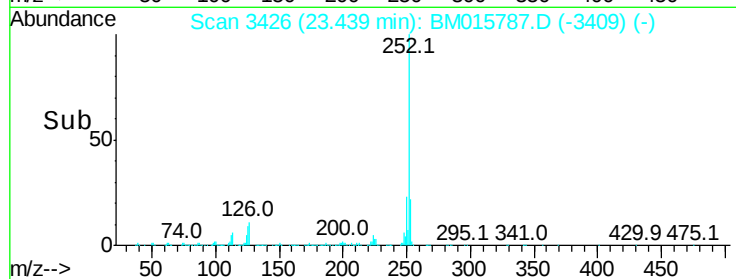
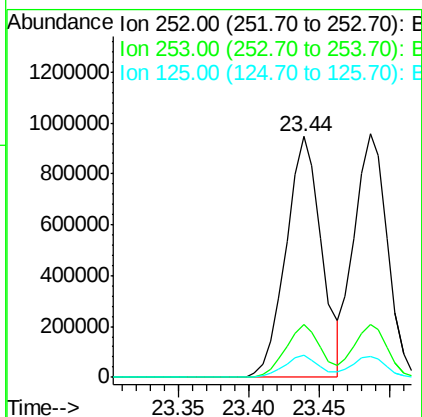
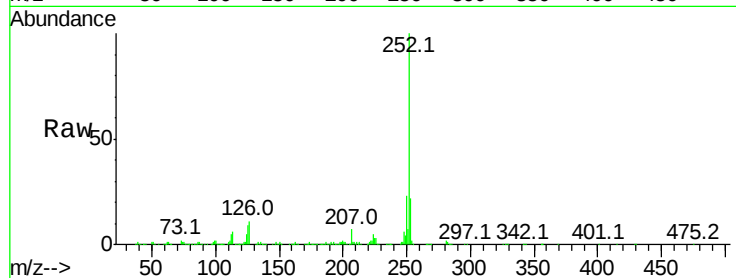




#87  
Benzo(b)fluoranthene  
Concen: 54.499 ng  
RT: 23.44 min Scan# 3426  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

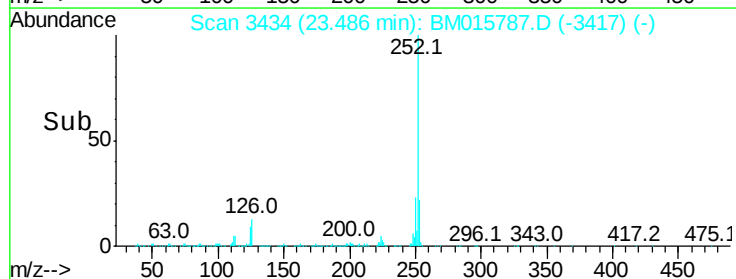
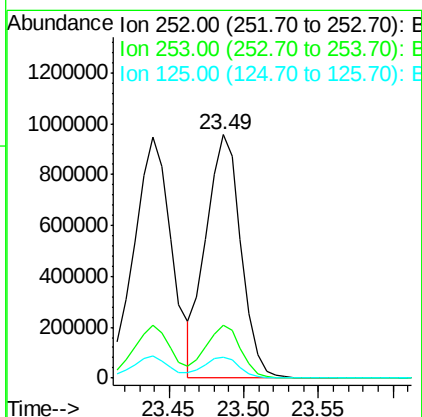
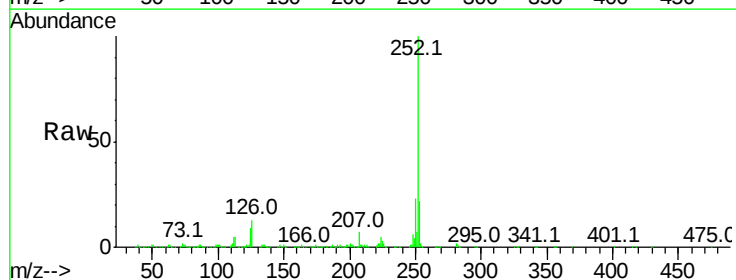
Instrument :  
BNA\_M  
ClientSampleId :

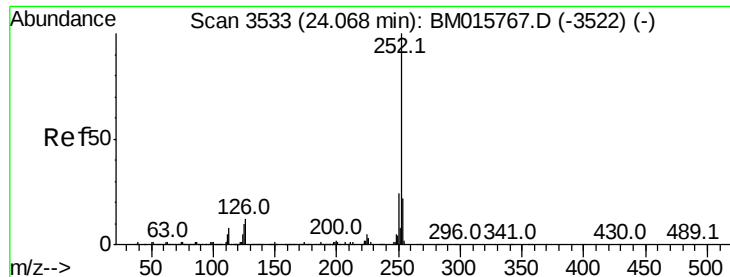
Tot Ion:252 Resp: 1654887  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.0 27.0  
125 9.0 9.9 14.9#



#88  
Benzo(k)fluoranthene  
Concen: 52.777 ng  
RT: 23.49 min Scan# 3434  
Delta R.T. 0.00 min  
Lab File: BM015787.D  
Acq: 06 Jul 2018 05:51

Tgt Ion:252 Resp: 1556764  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.2 25.8  
125 8.8 8.1 12.1





#89

Benzo(a)pyrene

Concen: 54.491 ng

RT: 24.07 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

Instrument :

BNA\_M

ClientSampleId :

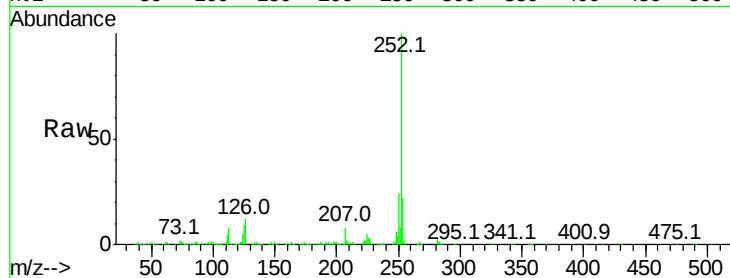
Tot Ion:252 Resp: 1456534

Ion Ratio Lower Upper

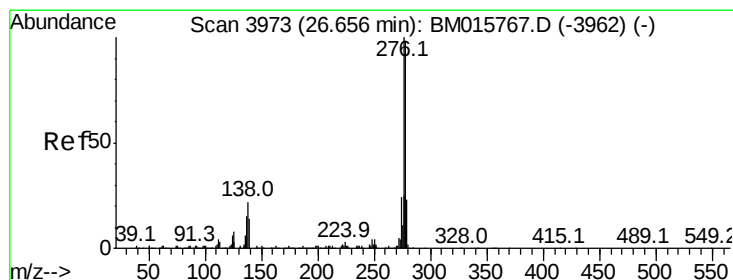
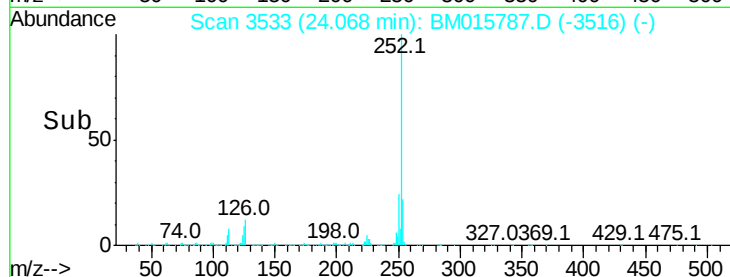
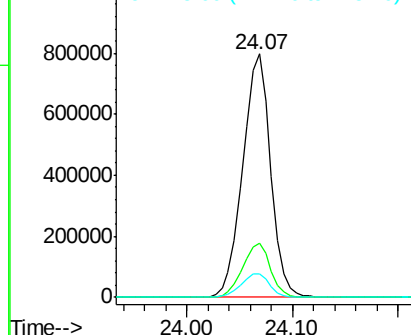
252 100

253 22.3 17.6 26.4

125 9.4 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.438 ng

RT: 26.65 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM015787.D

Acq: 06 Jul 2018 05:51

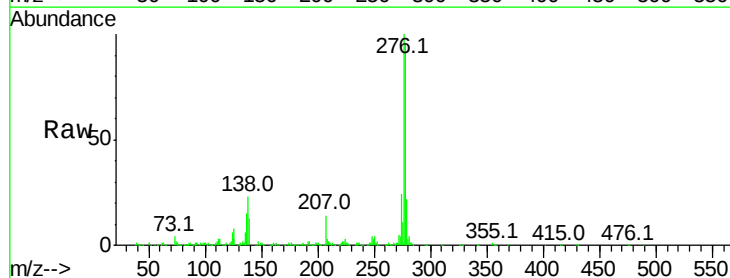
Tgt Ion:278 Resp: 1261107

Ion Ratio Lower Upper

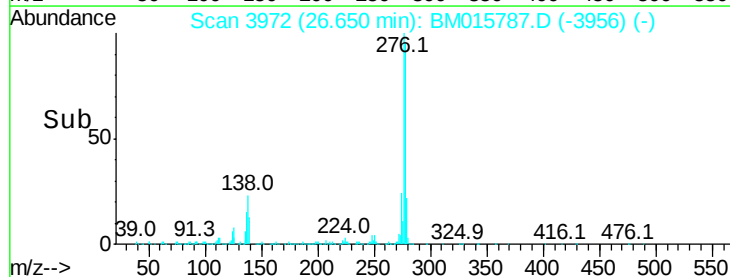
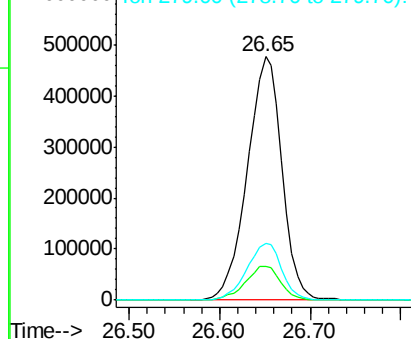
278 100

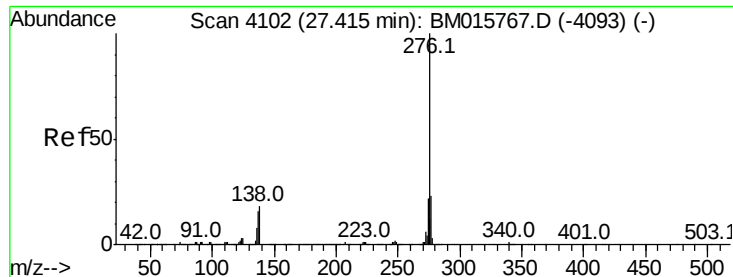
139 13.8 13.4 20.0

279 23.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E

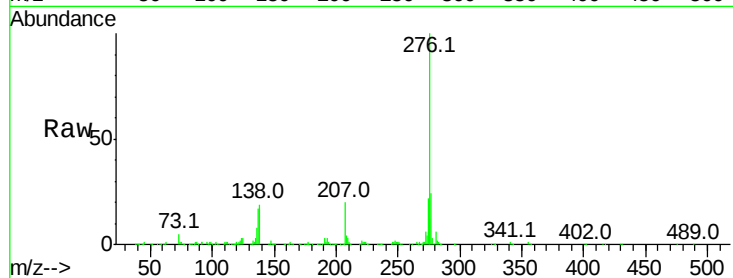




#91  
 Benzo(a,h,i)perylene  
 Concen: 53.747 ng  
 RT: 27.41 min Scan# 4101  
 Delta R.T. -0.01 min  
 Lab File: BM015787.D  
 Acq: 06 Jul 2018 05:51

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:276 Resp: 1135711  
 Ion Ratio Lower Upper  
 276 100  
 277 23.9 18.5 27.7  
 138 18.9 19.0 28.6#



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

