

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM052218\  
 Data File : BM015241.D  
 Acq On : 22 May 2018 15:41  
 Operator : SJ/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

Quant Time: May 22 16:19:36 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM052218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 22 15:47:28 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.41  | 152  | 203381   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.25 | 136  | 814854   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.02 | 164  | 411234   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.74 | 188  | 852092   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.83 | 240  | 856266   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.27 | 264  | 873322   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.89  | 112 | 1003920 | 80.76 | ng | 0.00 |
| 7) Phenol-d6             | 7.55  | 99  | 1314891 | 81.23 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.59  | 82  | 1210866 | 81.40 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.49 | 330 | 433937  | 84.15 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.65 | 172 | 2665731 | 80.58 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.29 | 244 | 3125983 | 80.62 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.62  | 88  | 202862  | 39.500 | ng | # 100  |
| 3) Pyridine                    | 4.07  | 79  | 539920  | 41.040 | ng | 89     |
| 4) n-Nitrosodimethylamine      | 3.97  | 42  | 287971  | 40.455 | ng | # 68   |
| 6) Aniline                     | 7.72  | 93  | 806951  | 40.458 | ng | 95     |
| 8) 2-Chlorophenol              | 7.96  | 128 | 569539  | 40.596 | ng | 97     |
| 9) Benzaldehyde                | 7.53  | 77  | 409922  | 40.036 | ng | 94     |
| 10) Phenol                     | 7.57  | 94  | 667340  | 40.597 | ng | 79     |
| 11) bis(2-Chloroethyl)ether    | 7.82  | 93  | 523047  | 40.114 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 8.29  | 146 | 636244  | 39.777 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.45  | 146 | 643018  | 39.758 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.77  | 146 | 612350  | 39.891 | ng | 97     |
| 15) Benzyl Alcohol             | 8.65  | 79  | 482130  | 41.188 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.94  | 45  | 807025  | 39.231 | ng | 95     |
| 17) 2-Methylphenol             | 8.85  | 107 | 445269  | 40.747 | ng | 95     |
| 18) Hexachloroethane           | 9.50  | 117 | 232599  | 40.499 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 9.22  | 70  | 416609  | 40.379 | ng | # 87   |
| 20) 3+4-Methylphenols          | 9.18  | 107 | 589207  | 40.607 | ng | 95     |
| 22) Acetophenone               | 9.25  | 105 | 787175  | 40.270 | ng | 94     |
| 24) Nitrobenzene               | 9.64  | 77  | 622966  | 40.221 | ng | 94     |
| 25) Isophorone                 | 10.16 | 82  | 1062781 | 41.597 | ng | 97     |
| 26) 2-Nitrophenol              | 10.35 | 139 | 286712  | 41.258 | ng | # 82   |
| 27) 2,4-Dimethylphenol         | 10.40 | 122 | 512485  | 40.662 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.63 | 93  | 675035  | 40.349 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.89 | 162 | 492848  | 41.295 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 11.10 | 180 | 567876  | 40.388 | ng | 99     |
| 31) Naphthalene                | 11.30 | 128 | 1686495 | 39.820 | ng | 99     |
| 32) Benzoic acid               | 10.53 | 122 | 297946  | 40.866 | ng | 96     |
| 33) 4-Chloroaniline            | 11.40 | 127 | 685815  | 40.576 | ng | # 91   |
| 34) Hexachlorobutadiene        | 11.56 | 225 | 337914  | 40.413 | ng | 97     |
| 35) Caprolactam                | 12.19 | 113 | 136937  | 40.539 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.49 | 107 | 501112  | 41.101 | ng | 90     |
| 37) 2-Methylnaphthalene        | 12.87 | 142 | 1173365 | 39.977 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.23 | 216 | 588402  | 40.621 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 13.20 | 237 | 348971  | 39.704 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM052218\  
 Data File : BM015241.D  
 Acq On : 22 May 2018 15:41  
 Operator : SJ/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

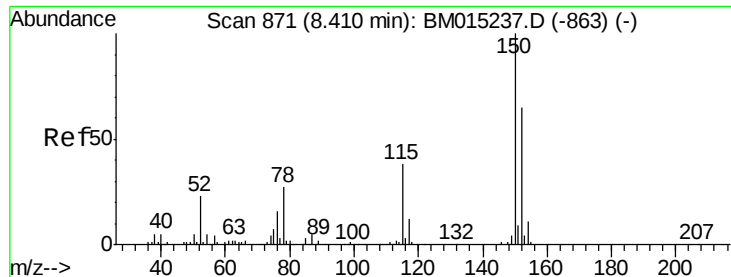
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

Quant Time: May 22 16:19:36 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM052218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 22 15:47:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.47 | 196  | 365262   | 41.962 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 13.54 | 196  | 394554   | 41.979 | ng    | # 88     |
| 45) 1,1'-Biphenyl              | 13.86 | 154  | 1460986  | 40.604 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.92 | 162  | 1125569  | 40.646 | ng    | 95       |
| 47) 2-Nitroaniline             | 14.11 | 65   | 321944   | 40.808 | ng    | 87       |
| 48) Acenaphthylene             | 14.75 | 152  | 1689008  | 41.062 | ng    | 99       |
| 49) Dimethylphthalate          | 14.47 | 163  | 1331261  | 40.563 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.60 | 165  | 289412   | 42.268 | ng    | 99       |
| 51) Acenaphthene               | 15.09 | 154  | 1039220  | 40.558 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.93 | 138  | 293221   | 40.669 | ng    | # 81     |
| 53) 2,4-Dinitrophenol          | 15.13 | 184  | 144875   | 39.061 | ng    | # 87     |
| 54) Dibenzofuran               | 15.42 | 168  | 1606413  | 39.764 | ng    | 94       |
| 55) 4-Nitrophenol              | 15.22 | 139  | 238666   | 40.814 | ng    | # 51     |
| 56) 2,4-Dinitrotoluene         | 15.37 | 165  | 384724   | 41.033 | ng    | # 77     |
| 57) Fluorene                   | 16.06 | 166  | 1285650  | 40.270 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.63 | 232  | 336614   | 41.764 | ng    | # 100    |
| 59) Diethylphthalate           | 15.80 | 149  | 1317882  | 40.736 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.04 | 204  | 656459   | 40.368 | ng    | 98       |
| 61) 4-Nitroaniline             | 16.07 | 138  | 307965   | 40.855 | ng    | # 71     |
| 62) Azobenzene                 | 16.33 | 77   | 1275205  | 41.492 | ng    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 16.13 | 198  | 192897   | 41.015 | ng    | 91       |
| 65) n-Nitrosodiphenylamine     | 16.25 | 169  | 1111055  | 40.581 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.92 | 248  | 385642   | 40.509 | ng    | # 89     |
| 67) Hexachlorobenzene          | 17.04 | 284  | 437732   | 39.928 | ng    | # 89     |
| 68) Atrazine                   | 17.18 | 200  | 361065   | 41.573 | ng    | 96       |
| 69) Pentachlorophenol          | 17.39 | 266  | 246749   | 40.433 | ng    | 99       |
| 70) Phenanthrene               | 17.78 | 178  | 1938193  | 39.935 | ng    | 100      |
| 71) Anthracene                 | 17.87 | 178  | 1959232  | 40.497 | ng    | 100      |
| 72) Carbazole                  | 18.13 | 167  | 1743443  | 40.706 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.66 | 149  | 2120719  | 42.055 | ng    | 99       |
| 74) Fluoranthene               | 19.75 | 202  | 2161743  | 40.612 | ng    | 97       |
| 76) Benzidine                  | 19.92 | 184  | 1185886  | 44.240 | ng    | 99       |
| 77) Pyrene                     | 20.11 | 202  | 2192655  | 40.573 | ng    | 100      |
| 79) Butylbenzylphthalate       | 20.96 | 149  | 943440   | 42.755 | ng    | 94       |
| 80) Benzo(a)anthracene         | 21.81 | 228  | 2177404  | 40.354 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.74 | 252  | 835964   | 41.841 | ng    | 99       |
| 82) Chrysene                   | 21.87 | 228  | 2050220  | 40.343 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.70 | 149  | 1372204  | 42.754 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.63 | 149  | 2310880  | 41.165 | ng    | # 95     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.80 | 276  | 2538742  | 41.292 | ng    | # 91     |
| 87) Benzo(b)fluoranthene       | 23.53 | 252  | 2280516  | 41.271 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 23.58 | 252  | 2074722  | 39.694 | ng    | 100      |
| 89) Benzo(a)pyrene             | 24.17 | 252  | 2104904  | 40.839 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 26.80 | 278  | 2145807  | 40.808 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 27.58 | 276  | 2084854  | 40.708 | ng    | 97       |

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



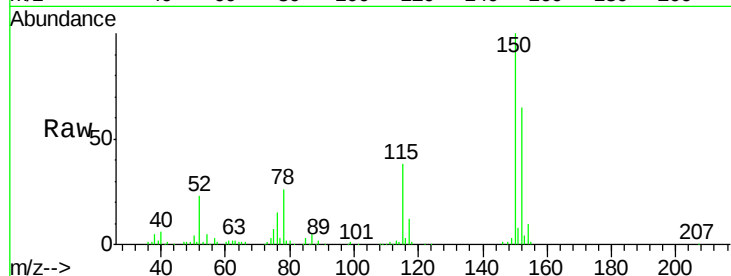


#1

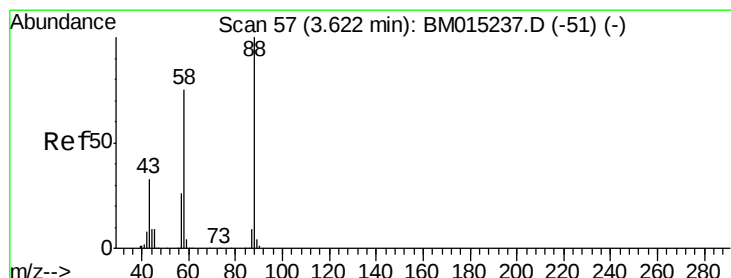
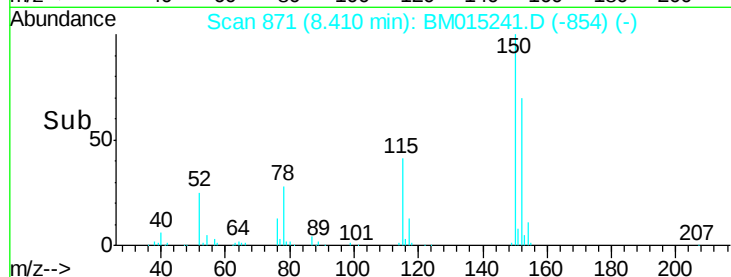
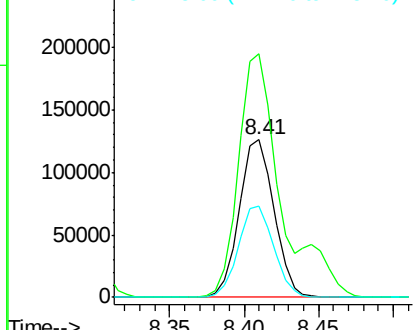
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.41 min Scan# 871  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM052218

Tgt Ion: 152 Resp: 203381  
Ion Ratio Lower Upper  
152 100  
150 154.8 119.5 179.3  
115 58.4 43.0 64.4



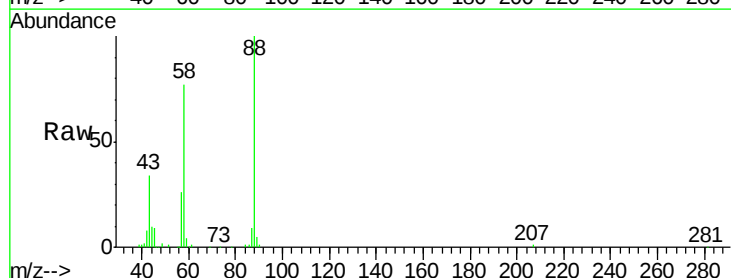
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



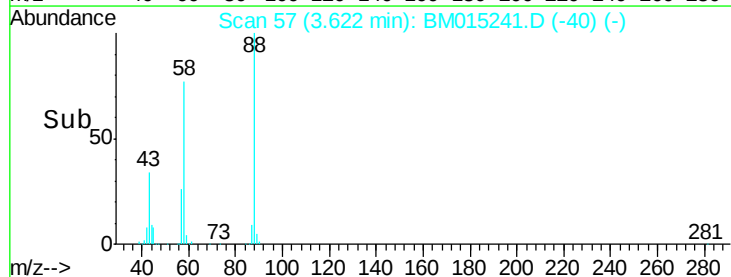
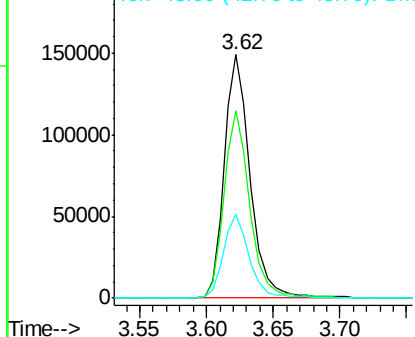
#2

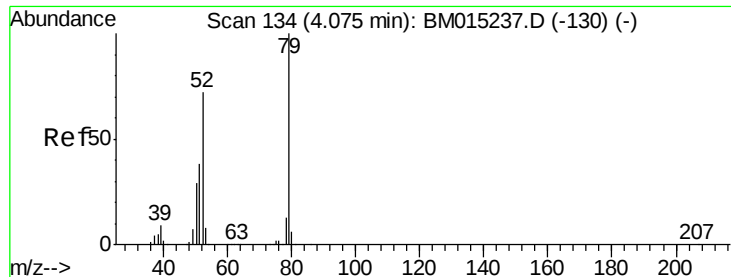
1,4-Dioxane  
Concen: 39.500 ng  
RT: 3.62 min Scan# 57  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

Tgt Ion: 88 Resp: 202862  
Ion Ratio Lower Upper  
88 100  
58 76.7 0.0 0.0#  
43 34.4 0.0 0.0#



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





#3

Pyridine

Concen: 41.040 ng

RT: 4.07 min Scan# 133

Delta R.T. -0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

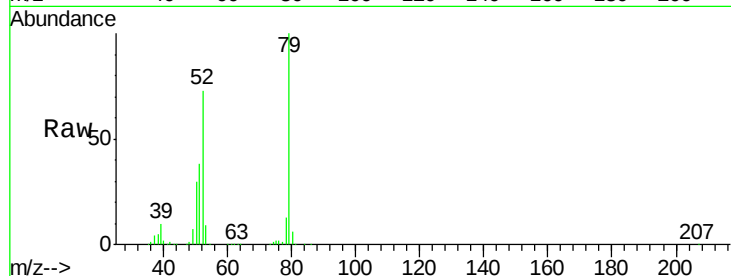
Tgt Ion: 79 Resp: 539920

Ion Ratio Lower Upper

79 100

52 72.6 51.1 76.7

51 38.3 26.1 39.1

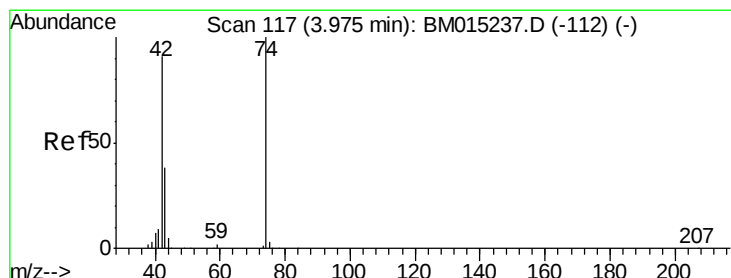
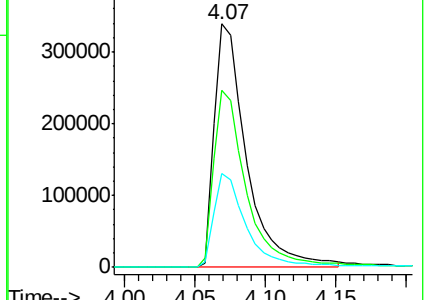
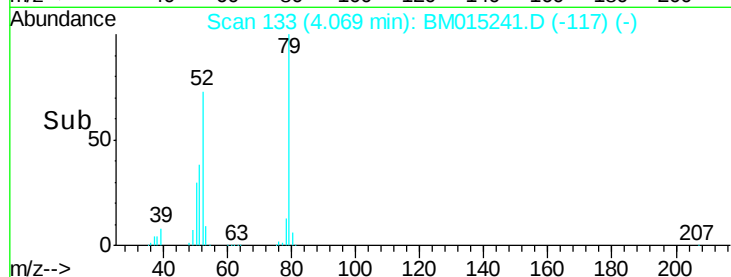


Abundance Ion 79.00 (78.70 to 79.70): BM015237.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM015237.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM015237.D (-130) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 40.455 ng

RT: 3.97 min Scan# 117

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

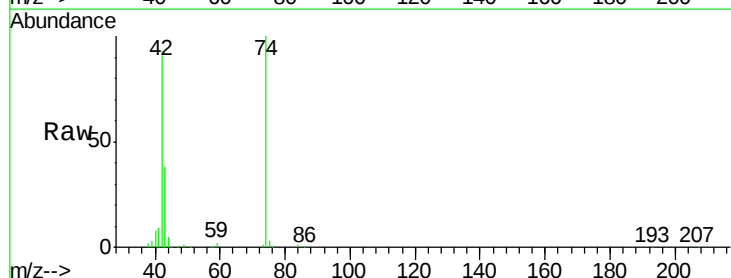
Tgt Ion: 42 Resp: 287971

Ion Ratio Lower Upper

42 100

74 107.5 119.3 178.9#

44 5.7 5.4 8.2

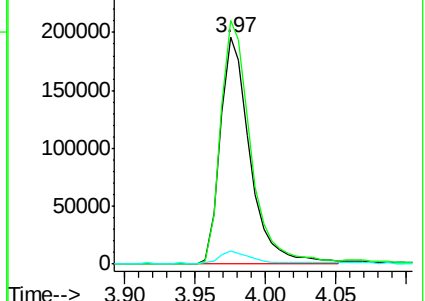
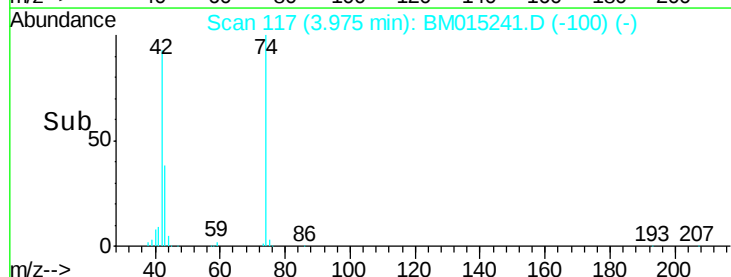


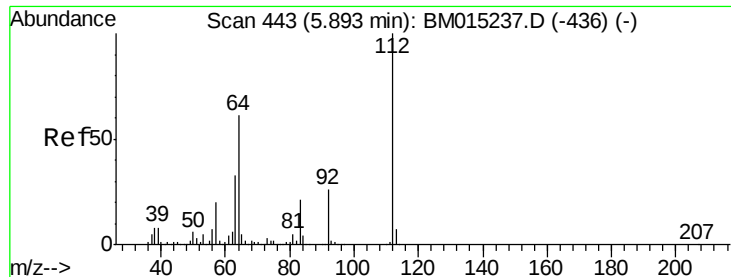
Abundance Ion 42.00 (41.70 to 42.70): BM015237.D (-112) (-)

Ion 74.00 (73.70 to 74.70): BM015237.D (-112) (-)

Ion 44.00 (43.70 to 44.70): BM015237.D (-112) (-)

Time-->





#5

2-Fluorophenol

Concen: 80.759 ng

RT: 5.89 min Scan# 443

Delta R.T. 0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

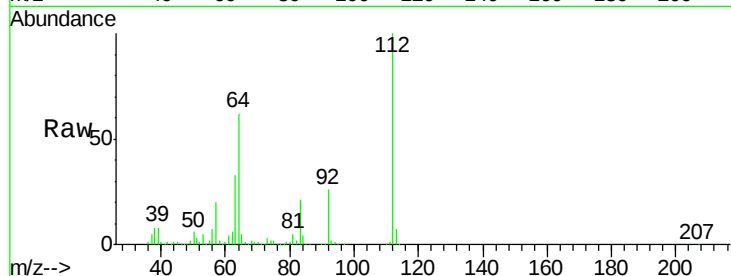
Tgt Ion: 112 Resp: 1003920

Ion Ratio Lower Upper

112 100

64 62.0 38.6 57.8#

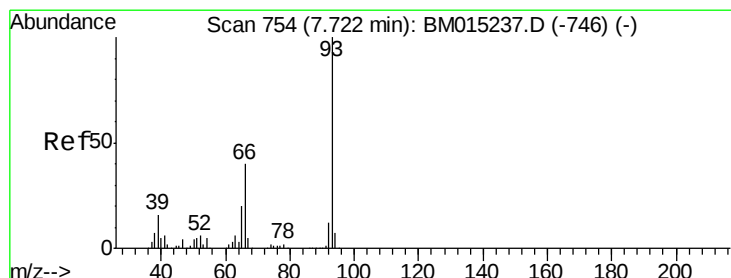
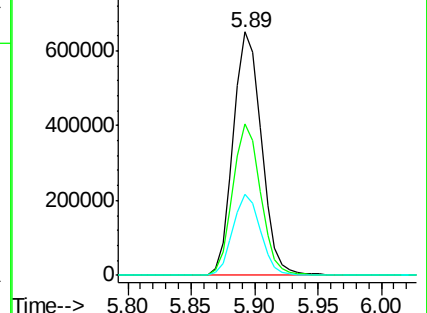
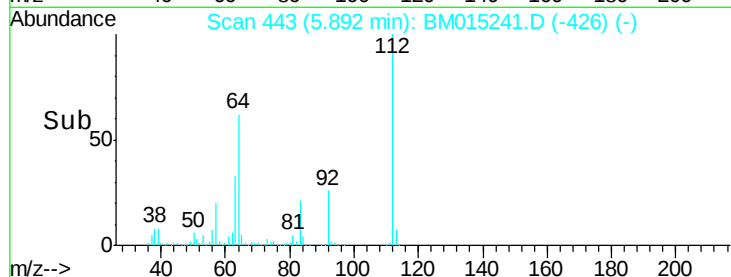
63 33.2 19.3 28.9#



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: 40.458 ng

RT: 7.72 min Scan# 754

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

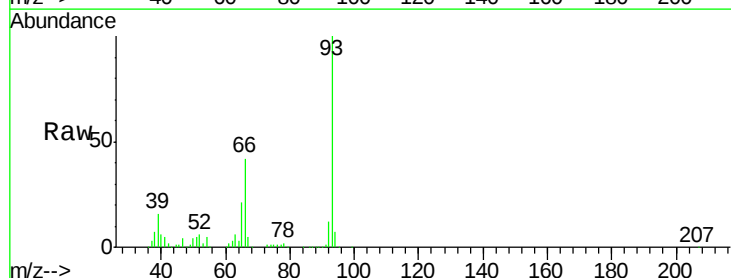
Tgt Ion: 93 Resp: 806951

Ion Ratio Lower Upper

93 100

66 41.9 30.8 46.2

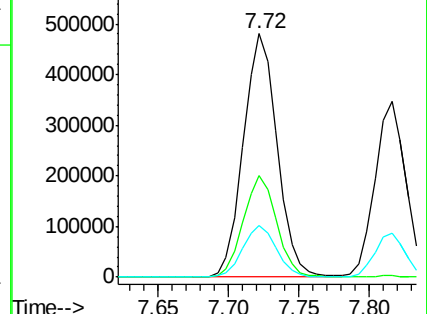
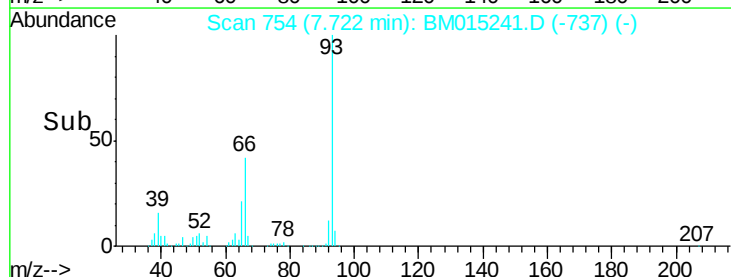
65 21.3 16.0 24.0

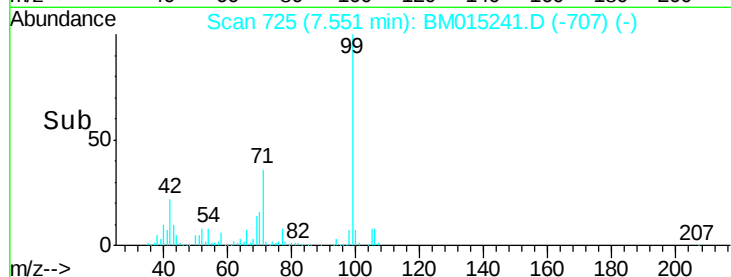
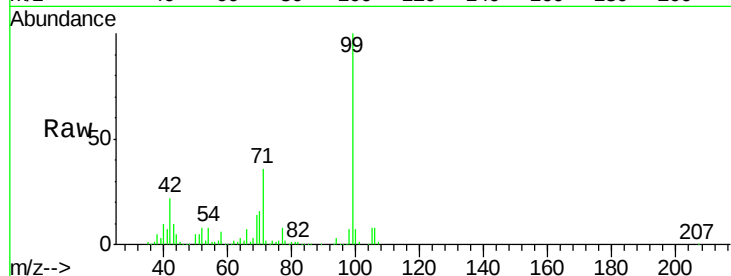
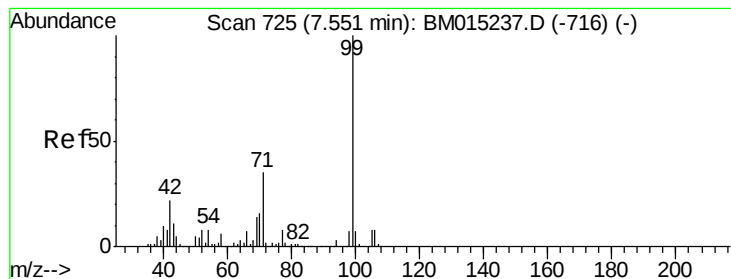


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 81.228 ng

RT: 7.55 min Scan# 725

Delta R.T. 0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

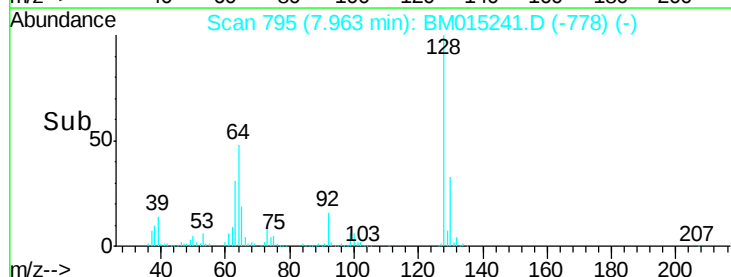
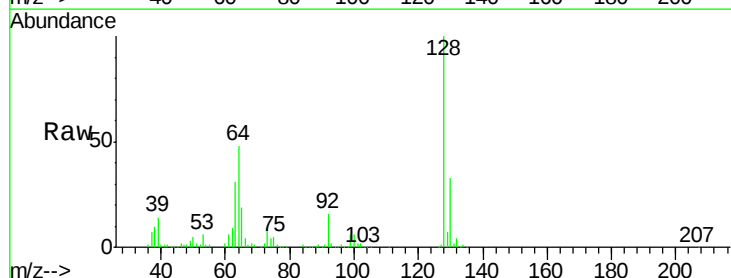
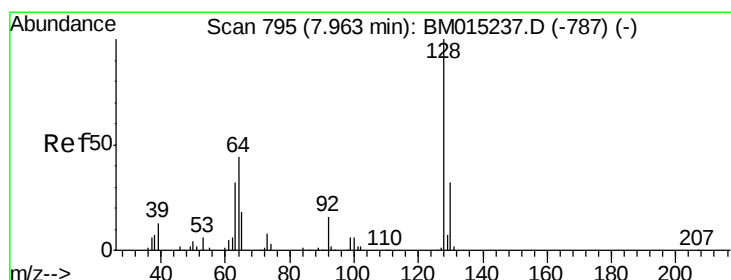
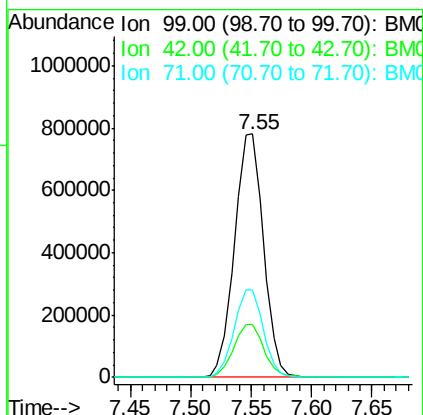
Tgt Ion: 99 Resp: 1314891

Ion Ratio Lower Upper

99 100

42 21.9 11.0 16.4#

71 36.1 23.4 35.2#



#8

2-Chlorophenol

Concen: 40.596 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

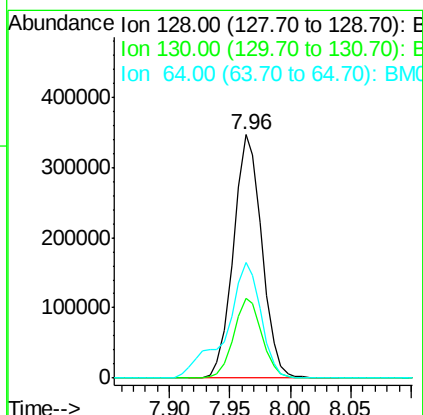
Tgt Ion: 128 Resp: 569539

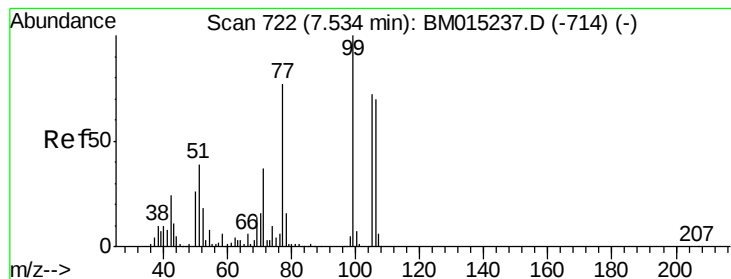
Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

64 47.5 24.9 64.9





#9

Benzaldehyde

Concen: 40.036 ng

RT: 7.53 min Scan# 722

Delta R.T. 0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

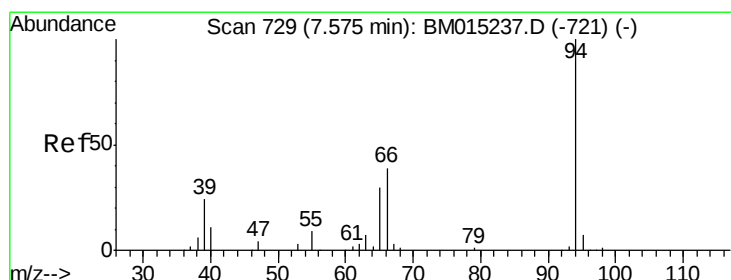
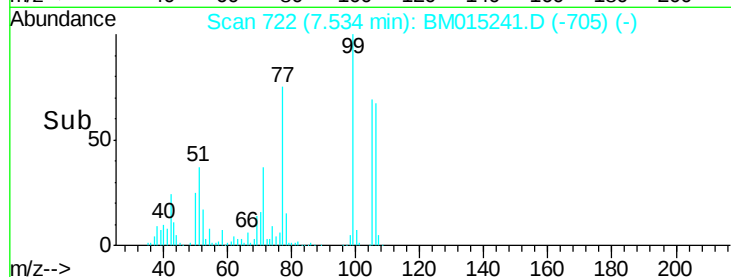
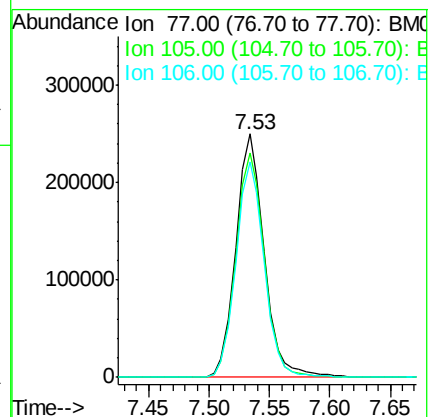
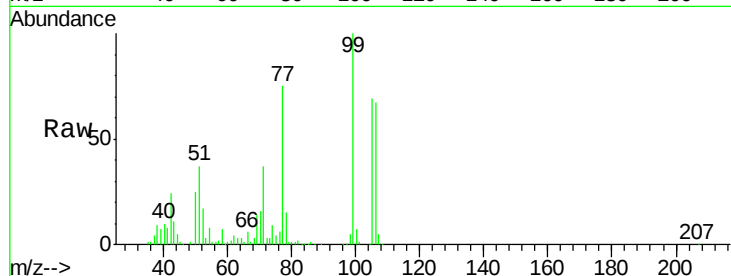
Tgt Ion: 77 Resp: 409922

Ion Ratio Lower Upper

77 100

105 92.0 78.8 118.8

106 88.7 73.7 113.7



#10

Phenol

Concen: 40.597 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

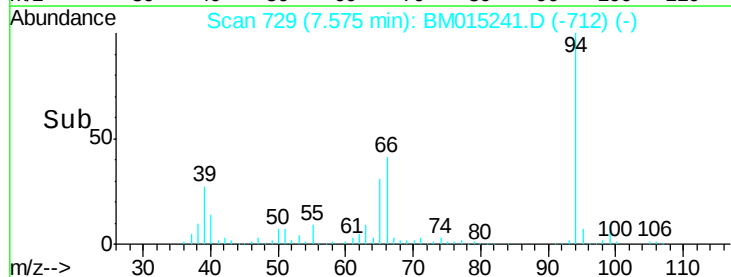
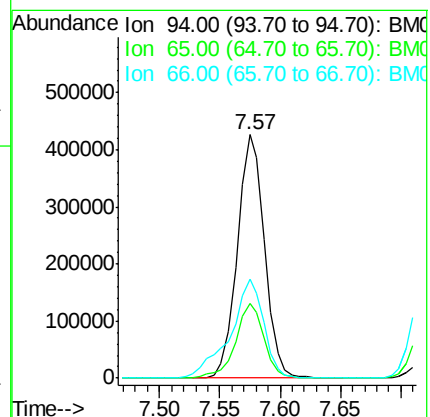
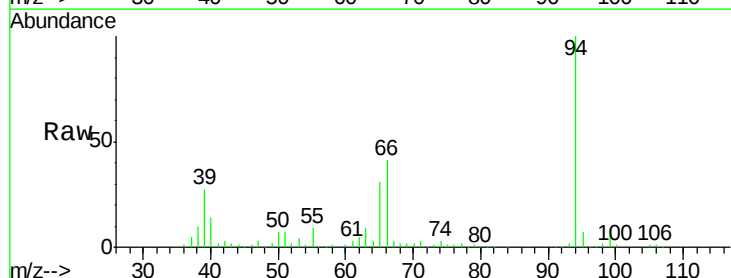
Tgt Ion: 94 Resp: 667340

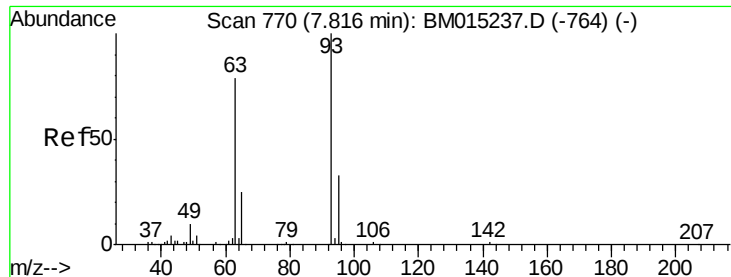
Ion Ratio Lower Upper

94 100

65 30.6 18.8 58.8

66 40.6 39.9 79.9

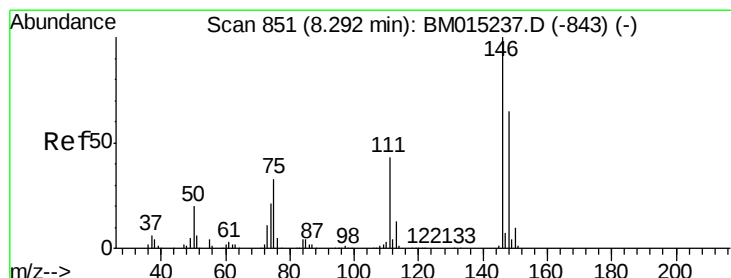
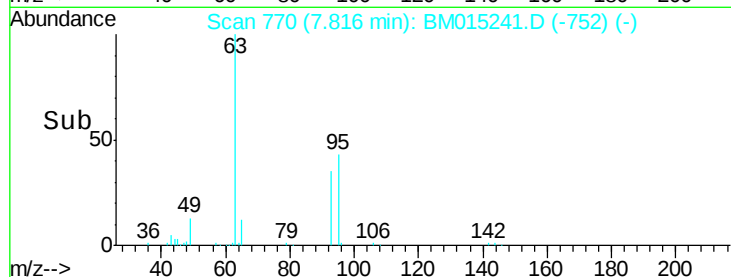
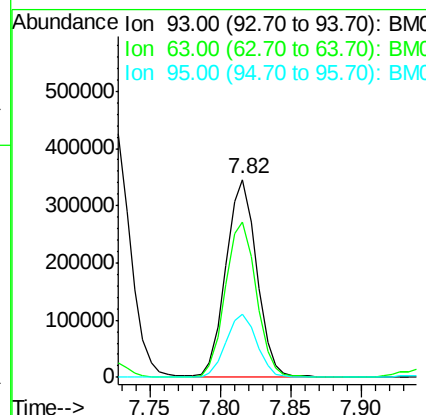
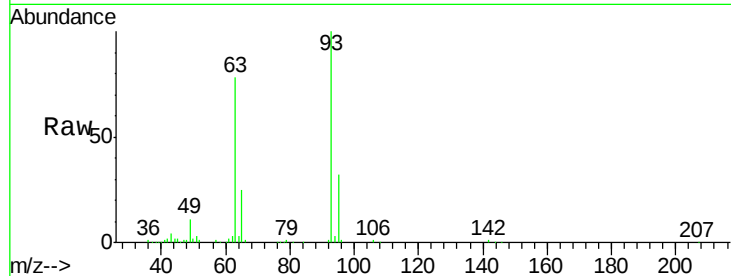




#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.114 ng  
 RT: 7.82 min Scan# 770  
 Delta R.T. 0.01 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

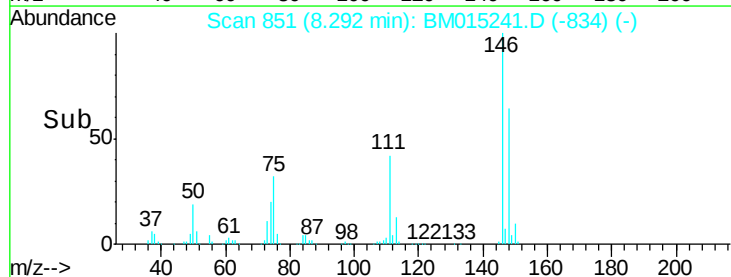
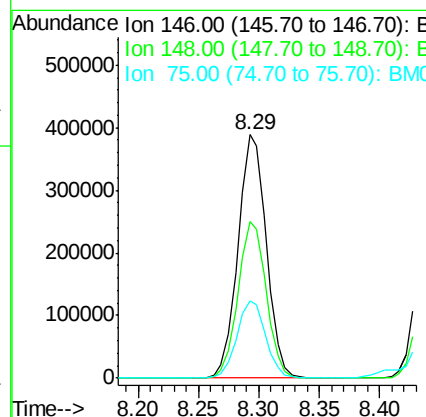
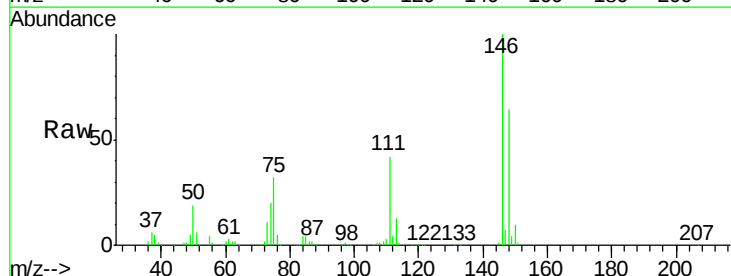
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

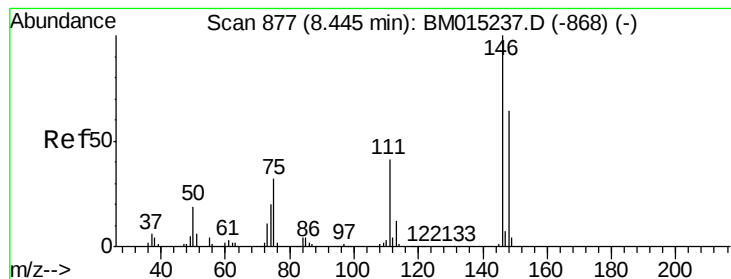
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 78.5  | 49.5  | 89.5  |
| 95      | 32.0  | 13.5  | 53.5  |



#12  
 1,3-Dichlorobenzene  
 Concen: 39.777 ng  
 RT: 8.29 min Scan# 851  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 50.9  | 76.3  |
| 75      | 31.6  | 21.4  | 32.2  |





#13

1,4-Dichlorobenzene

Concen: 39.758 ng

RT: 8.45 min Scan# 877

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

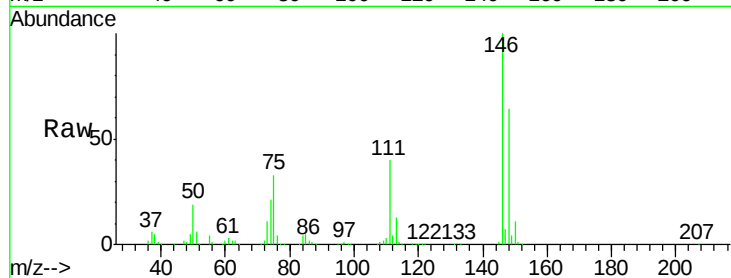
Tgt Ion:146 Resp: 643018

Ion Ratio Lower Upper

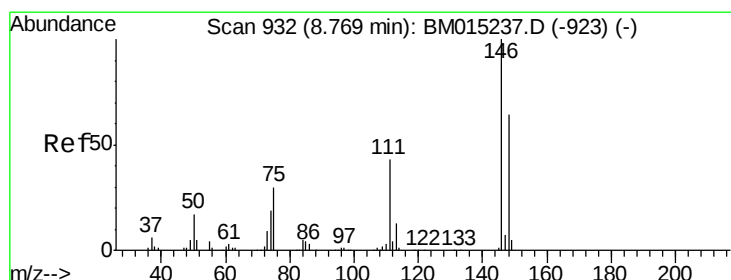
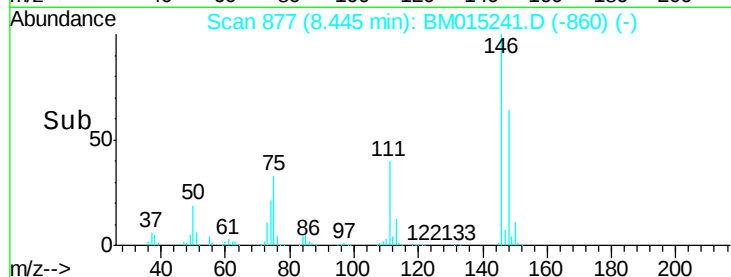
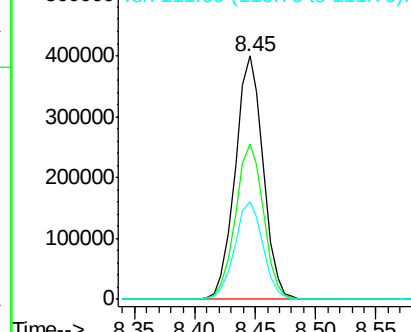
146 100

148 63.5 51.9 77.9

111 40.2 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: 39.891 ng

RT: 8.77 min Scan# 932

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

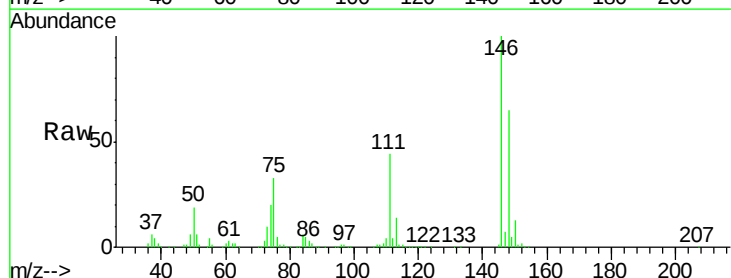
Tgt Ion:146 Resp: 612350

Ion Ratio Lower Upper

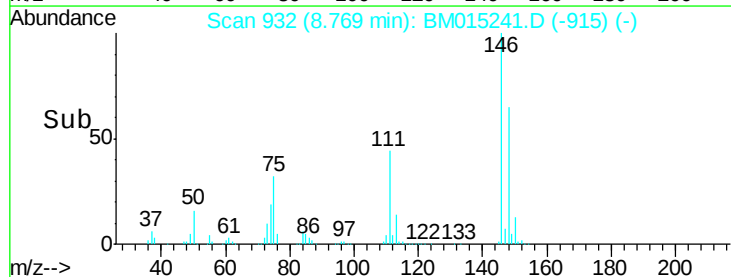
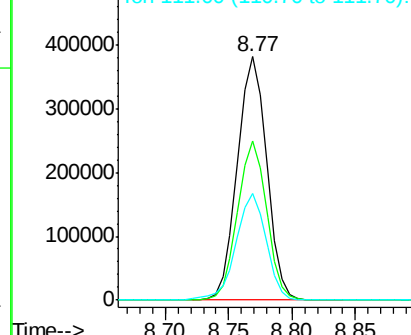
146 100

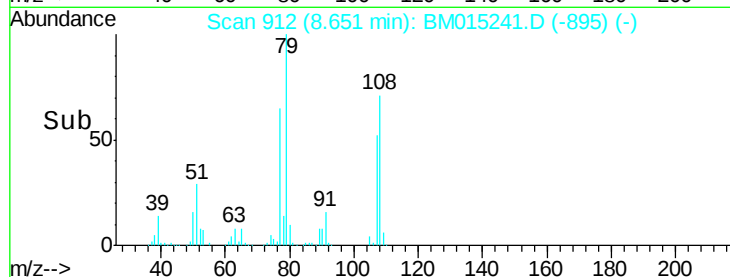
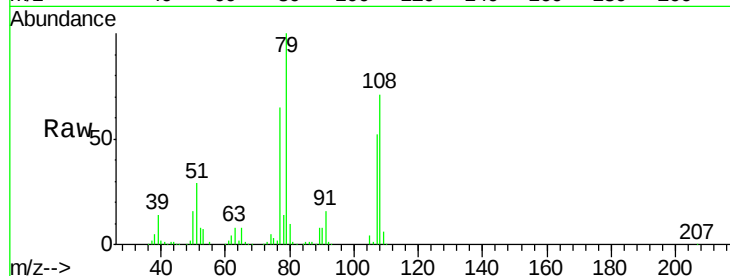
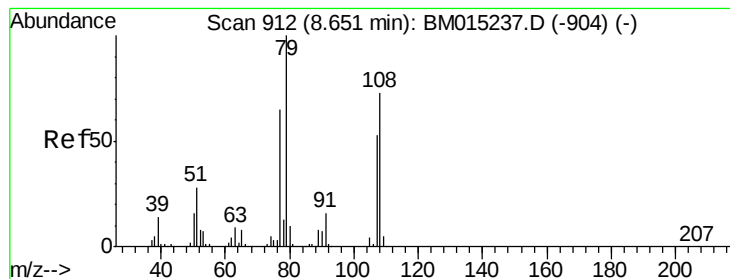
148 65.4 52.3 78.5

111 43.6 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: 41.188 ng

RT: 8.65 min Scan# 912

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

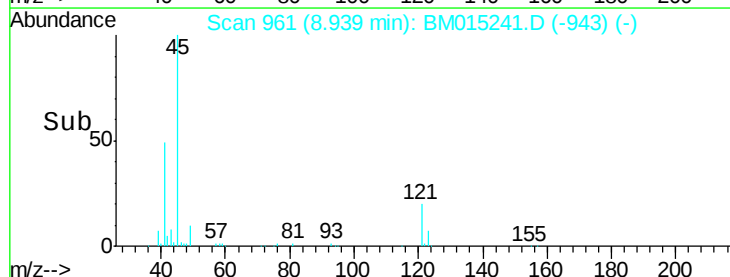
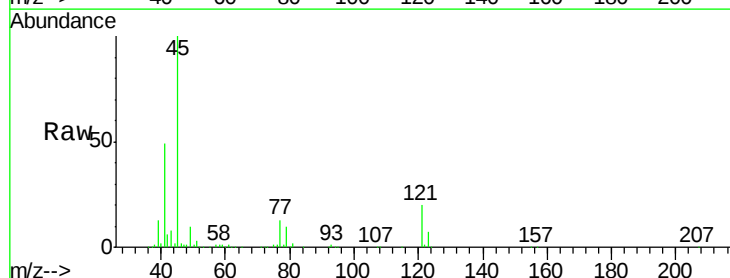
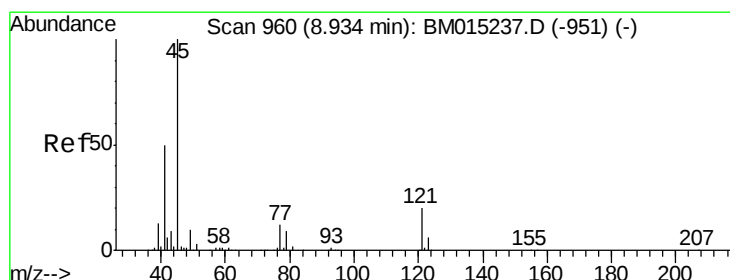
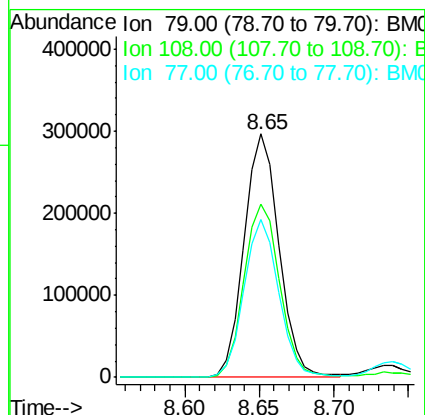
Tgt Ion: 79 Resp: 482130

Ion Ratio Lower Upper

79 100

108 71.1 65.0 97.4

77 65.0 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.231 ng

RT: 8.94 min Scan# 961

Delta R.T. 0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

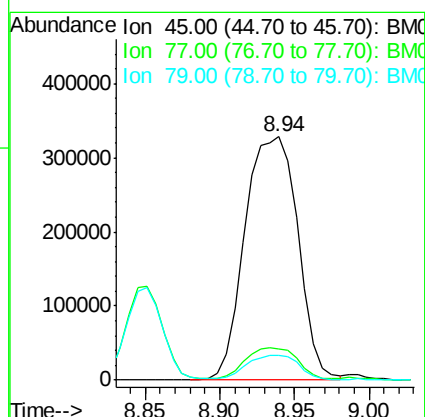
Tgt Ion: 45 Resp: 807025

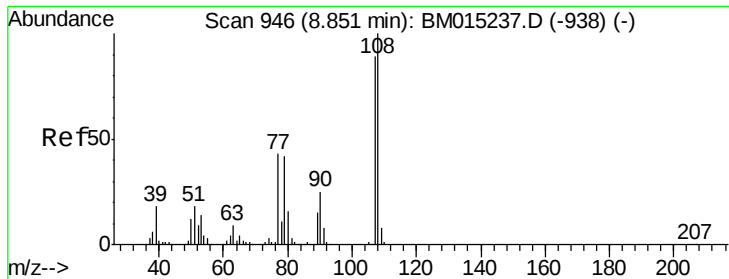
Ion Ratio Lower Upper

45 100

77 13.0 0.0 35.2

79 10.3 0.0 32.0

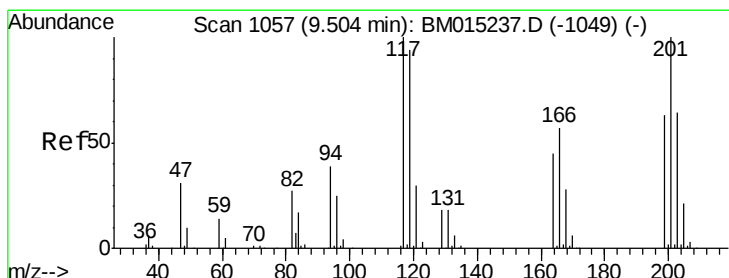
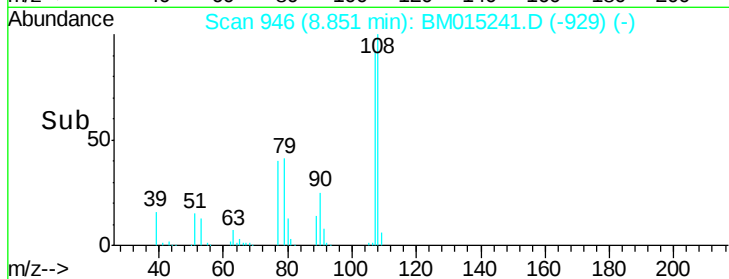
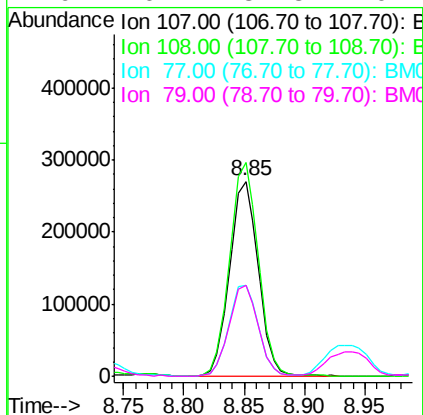
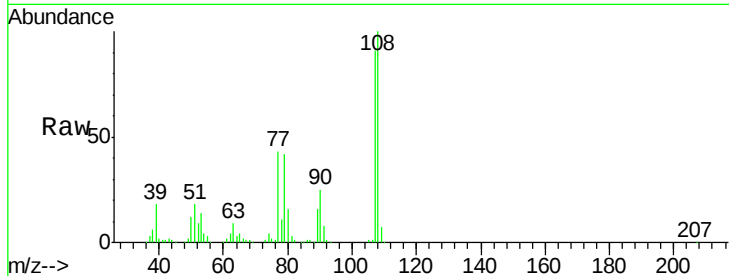




#17  
2-Methylphenol  
Concen: 40.747 ng  
RT: 8.85 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

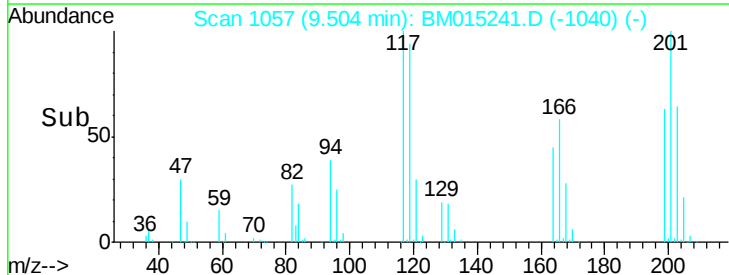
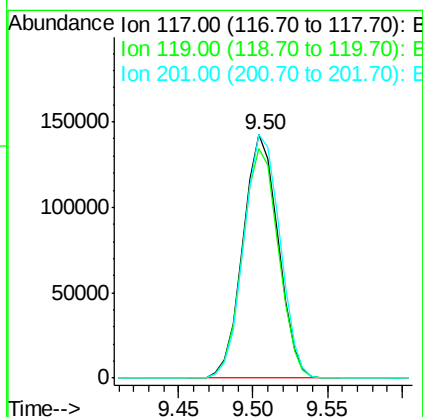
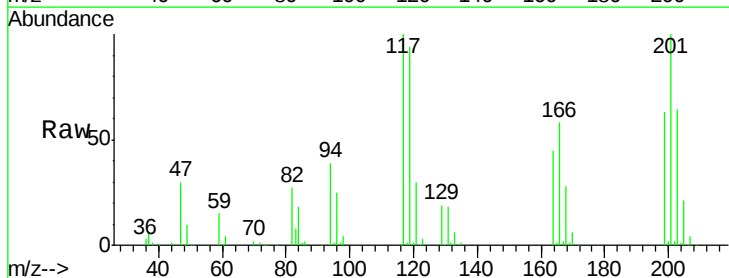
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM052218

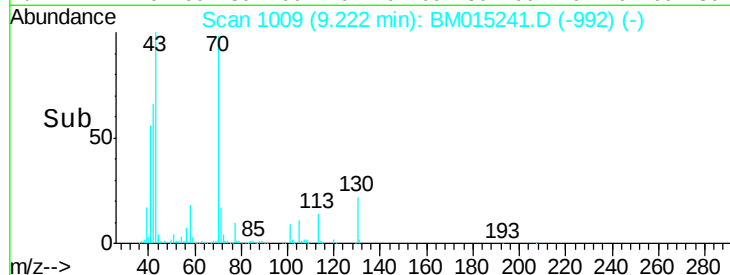
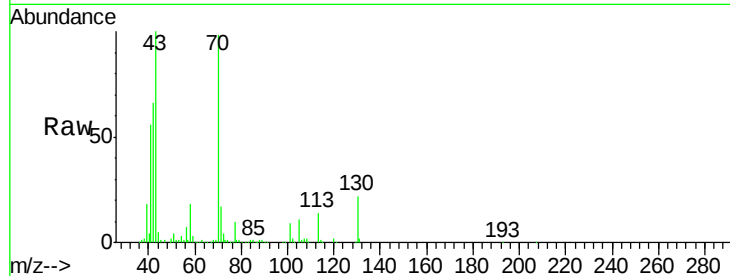
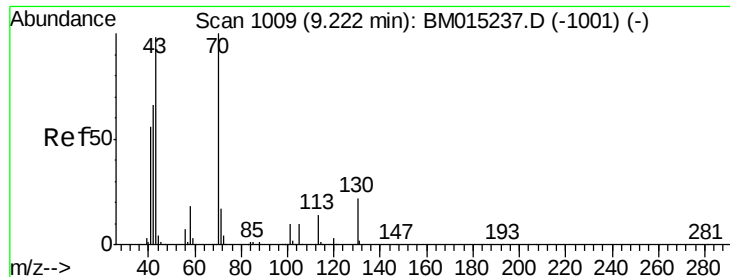
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 445269 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.6 | 89.8  | 134.8  |
| 77       | 46.8  | 32.6  | 48.8   |
| 79       | 46.4  | 32.8  | 49.2   |



#18  
Hexachloroethane  
Concen: 40.499 ng  
RT: 9.50 min Scan# 1057  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 232599 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.3  | 79.2  | 118.8  |
| 201      | 99.8  | 69.8  | 104.6  |

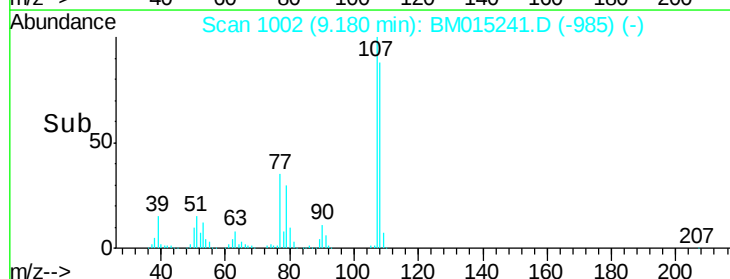
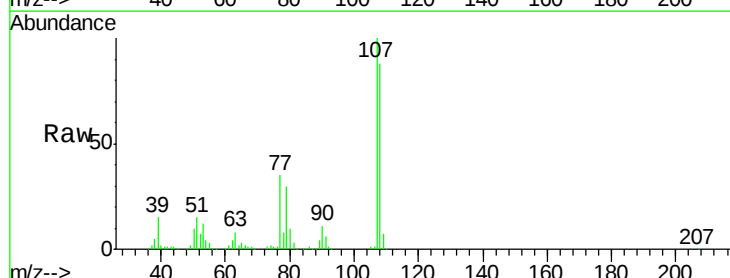
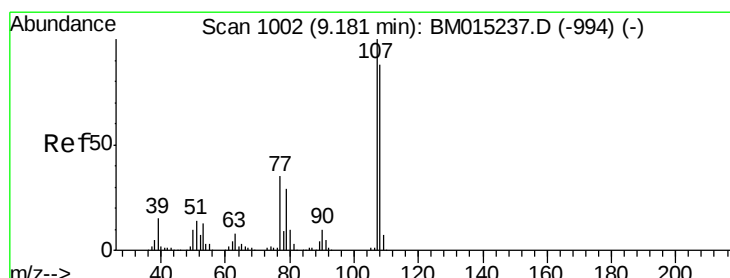
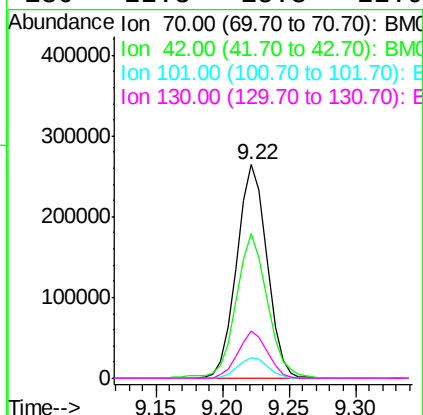




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.379 ng  
RT: 9.22 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

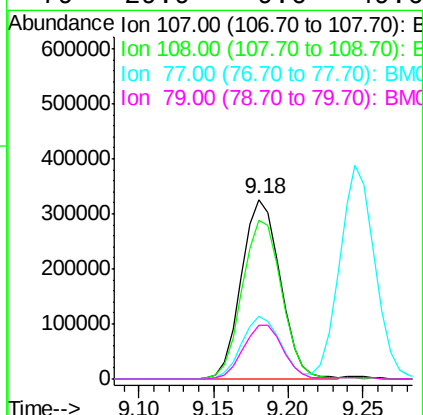
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM052218

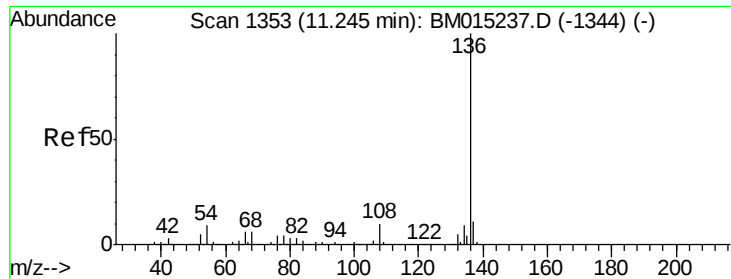
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 416609 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 67.6  | 44.5  | 66.7#  |
| 101      | 9.4   | 7.4   | 11.2   |
| 130      | 22.3  | 15.3  | 22.9   |



#20  
3+4-Methylphenols  
Concen: 40.607 ng  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 589207 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.3  | 73.2  | 113.2  |
| 77       | 34.8  | 10.7  | 50.7   |
| 79       | 29.9  | 9.6   | 49.6   |

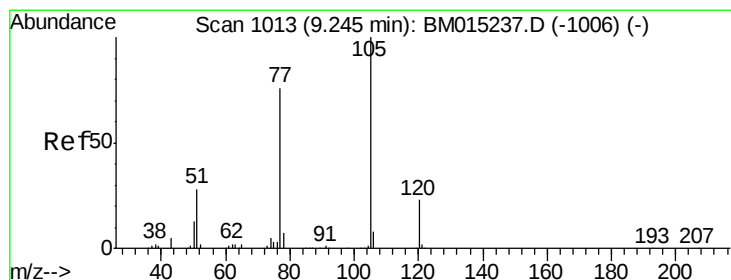
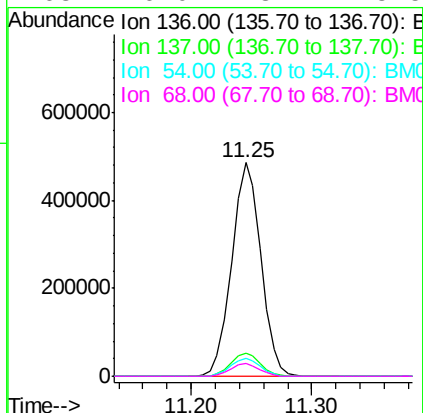
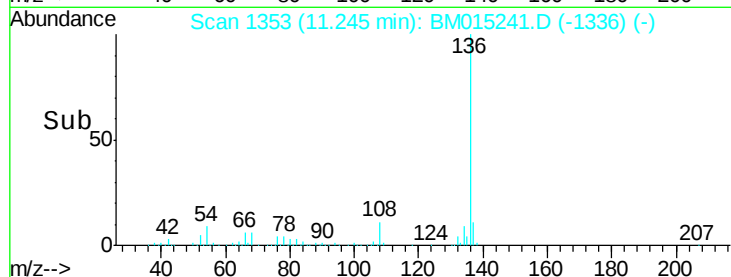
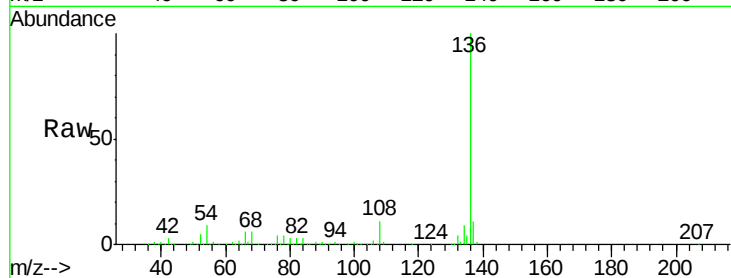




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.25 min Scan# 1353  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

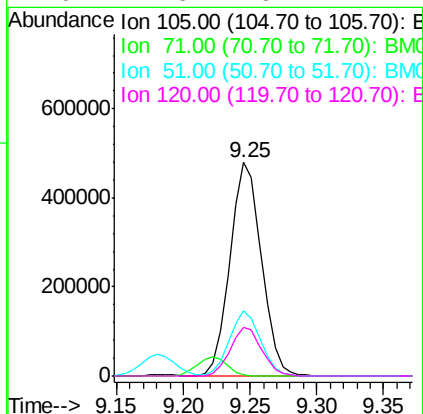
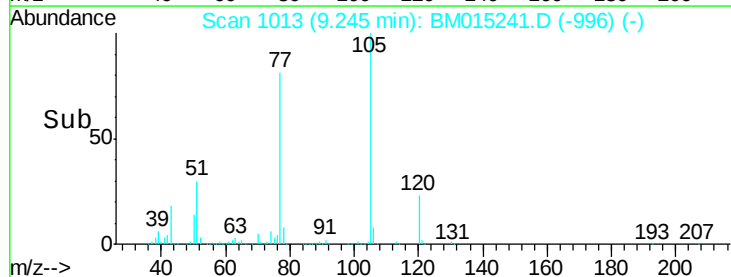
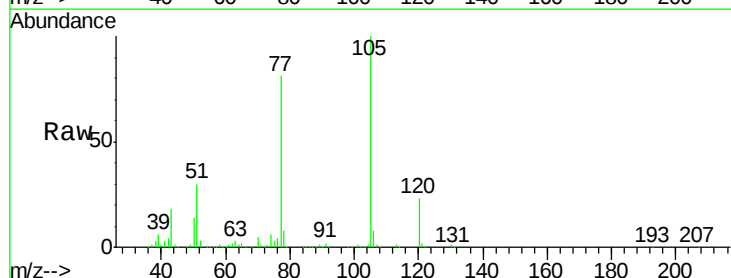
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM052218

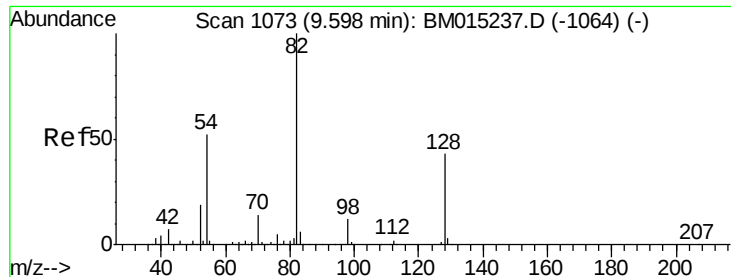
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 814854 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.7   | 13.1   |
| 54       | 8.6   | 4.6   | 6.8#   |
| 68       | 6.0   | 3.7   | 5.5#   |



#22  
Acetophenone  
Concen: 40.270 ng  
RT: 9.25 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 787175 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.8   | 0.6   | 1.0    |
| 51       | 30.3  | 21.6  | 32.4   |
| 120      | 22.6  | 16.1  | 24.1   |

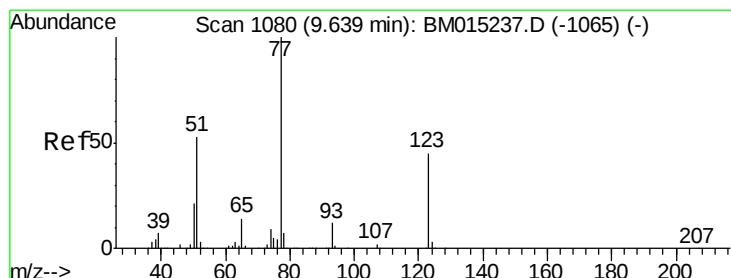
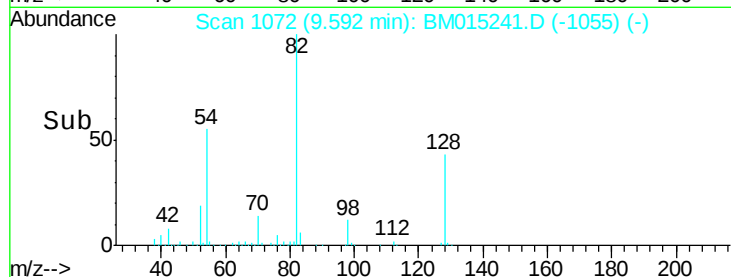
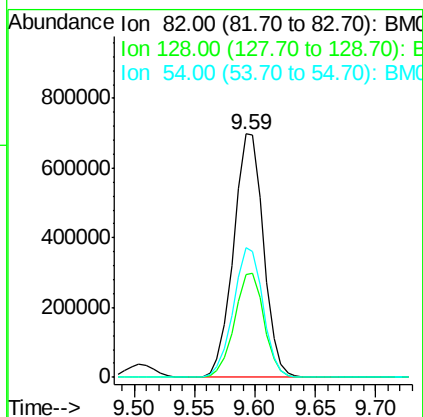
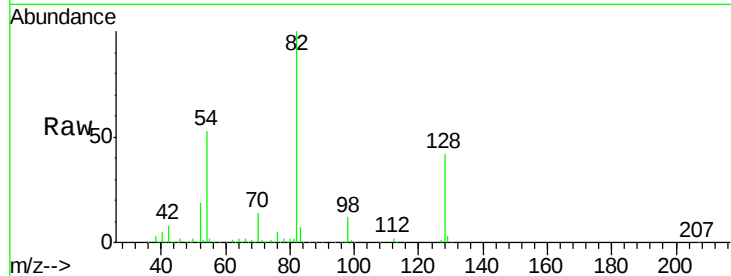




#23  
 Nitrobenzene-d5  
 Concen: 81.403 ng  
 RT: 9.59 min Scan# 1072  
 Delta R.T. 0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

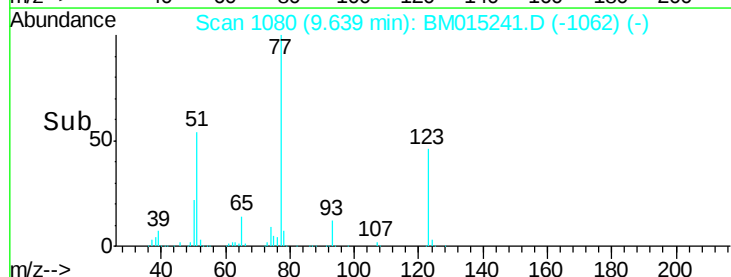
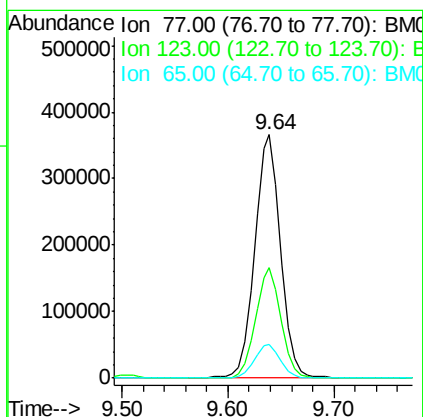
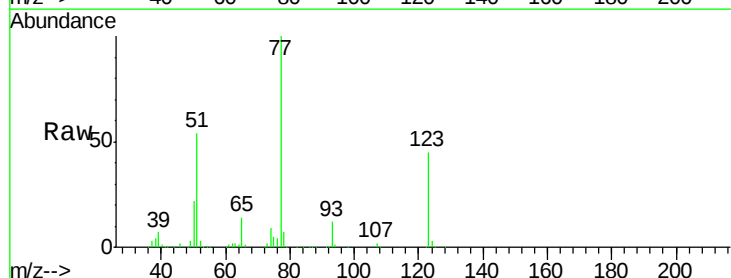
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

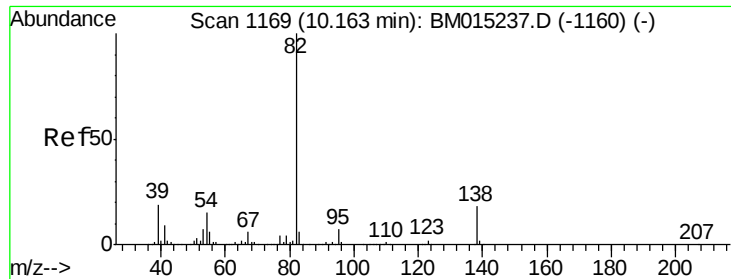
Tgt Ion: 82 Resp: 1210866  
 Ion Ratio Lower Upper  
 82 100  
 128 42.3 32.8 49.2  
 54 53.1 40.6 60.8



#24  
 Nitrobenzene  
 Concen: 40.221 ng  
 RT: 9.64 min Scan# 1080  
 Delta R.T. 0.01 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

Tgt Ion: 77 Resp: 622966  
 Ion Ratio Lower Upper  
 77 100  
 123 45.5 32.6 49.0  
 65 13.7 10.9 16.3

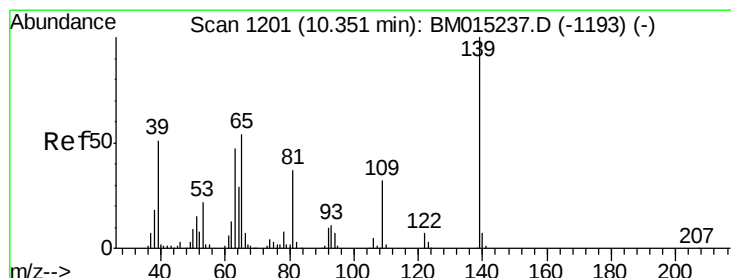
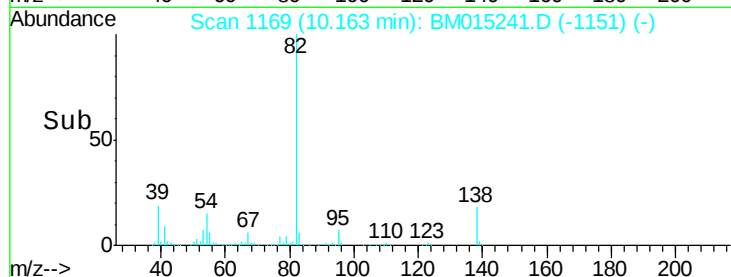
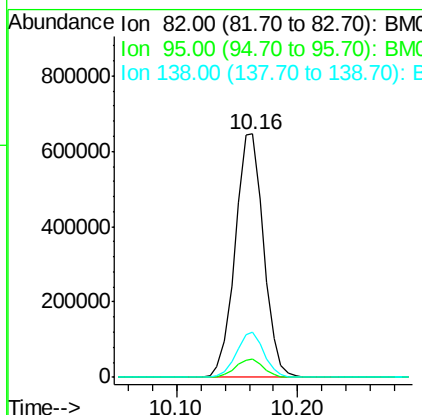
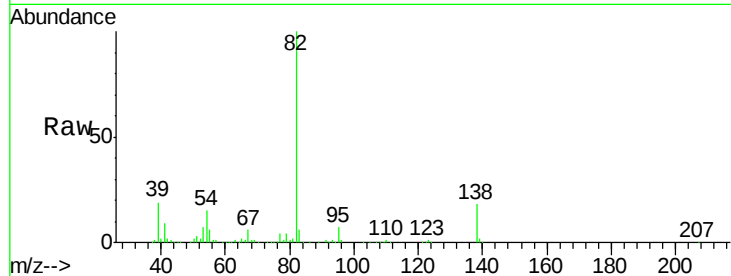




#25  
Isophorone  
Concen: 41.597 ng  
RT: 10.16 min Scan# 1169  
Delta R.T. 0.01 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

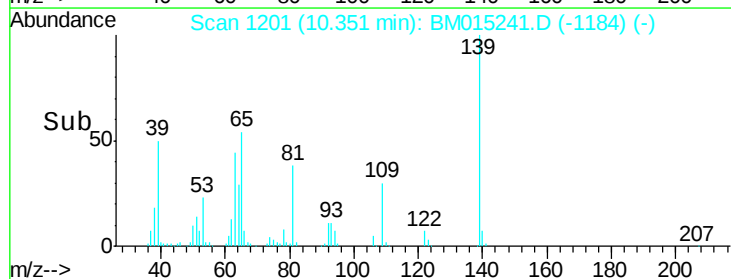
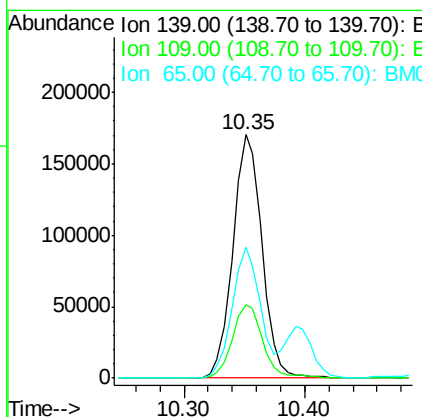
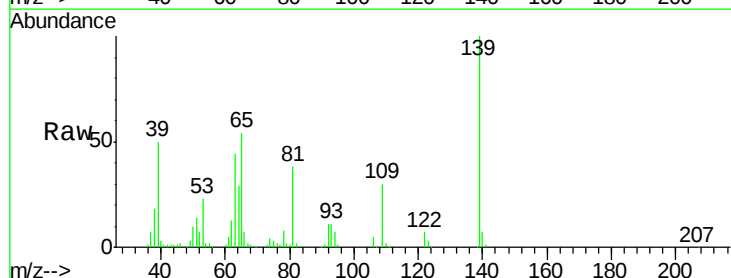
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM052218

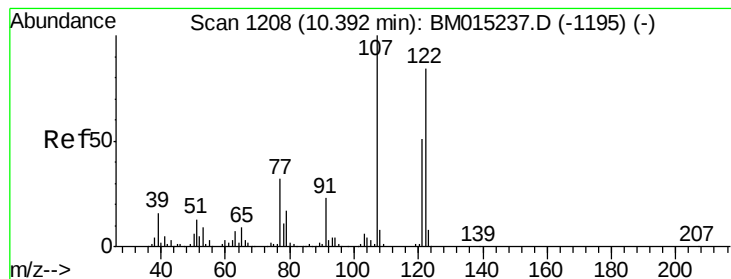
Tgt Ion: 82 Resp: 1062781  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.8 8.6  
138 18.4 16.3 24.5



#26  
2-Nitrophenol  
Concen: 41.258 ng  
RT: 10.35 min Scan# 1201  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

Tgt Ion: 139 Resp: 286712  
Ion Ratio Lower Upper  
139 100  
109 30.3 20.1 30.1#  
65 53.8 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 40.662 ng

RT: 10.40 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

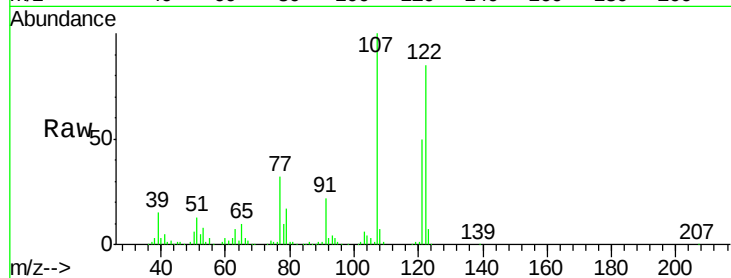
Tgt Ion:122 Resp: 512485

Ion Ratio Lower Upper

122 100

107 118.0 84.7 127.1

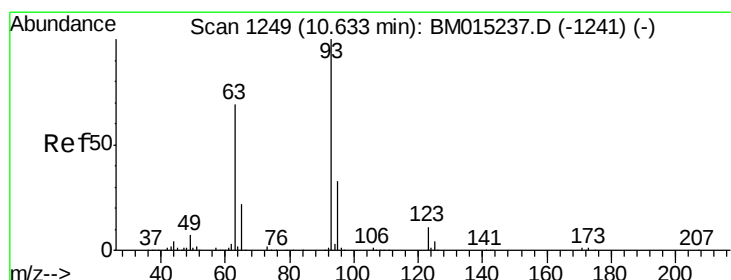
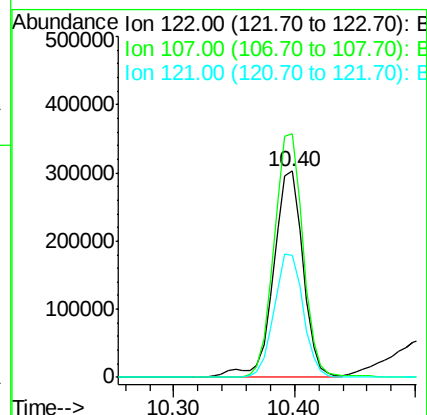
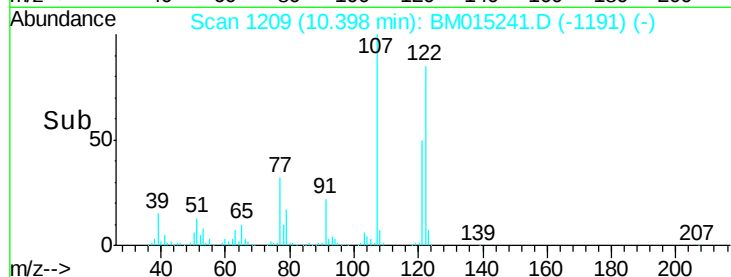
121 59.2 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.349 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

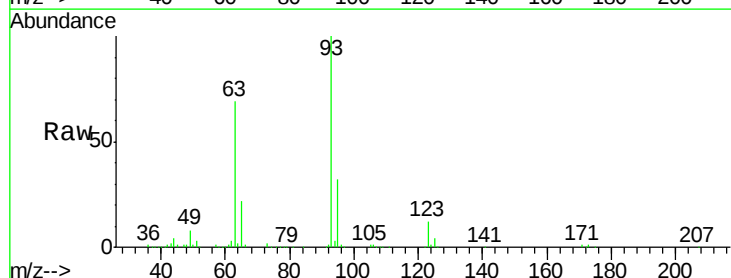
Tgt Ion: 93 Resp: 675035

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

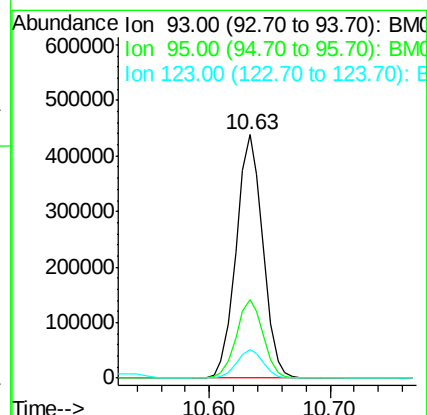
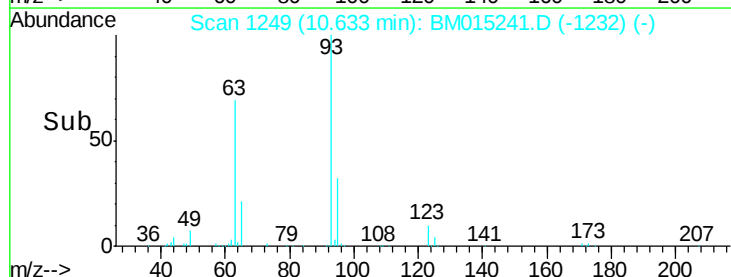
123 11.7 8.6 13.0

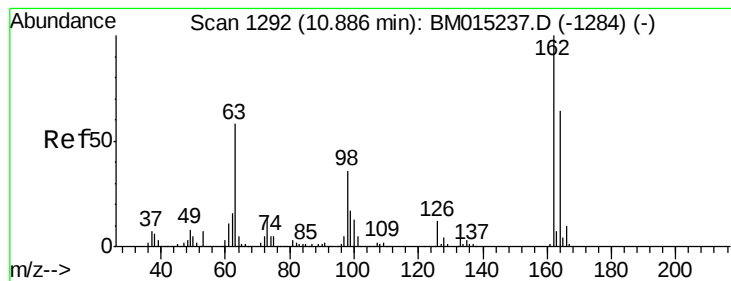


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.295 ng

RT: 10.89 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

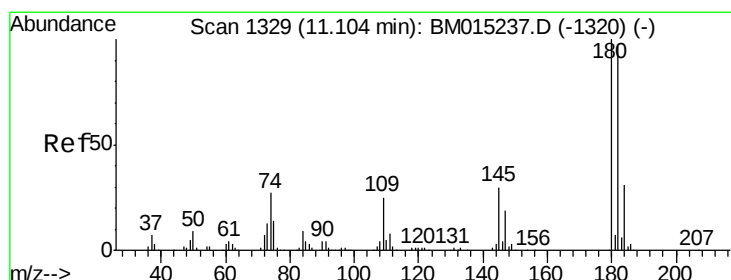
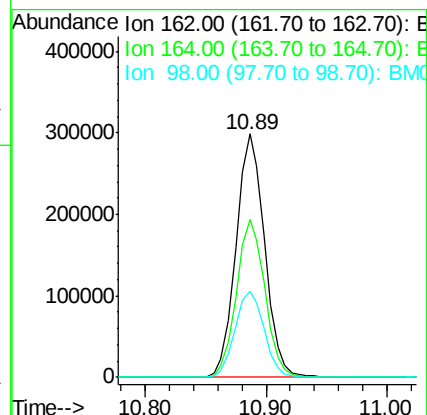
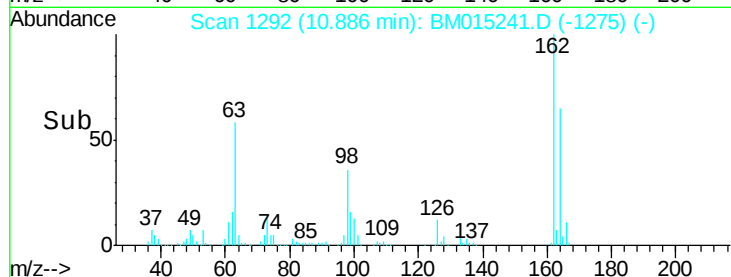
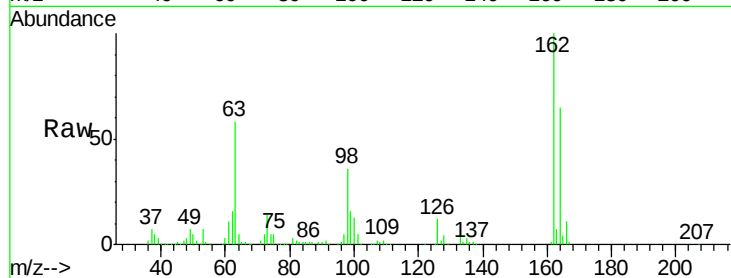
Tgt Ion:162 Resp: 492848

Ion Ratio Lower Upper

162 100

164 64.8 42.8 82.8

98 35.6 14.5 54.5



#30

1,2,4-Trichlorobenzene

Concen: 40.388 ng

RT: 11.10 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

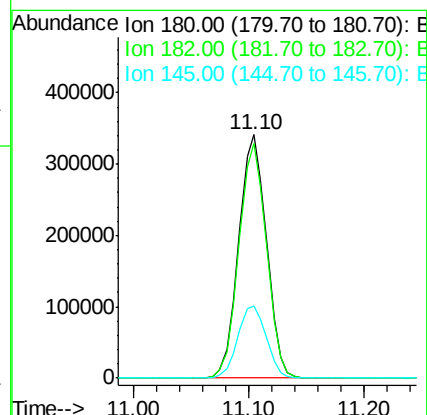
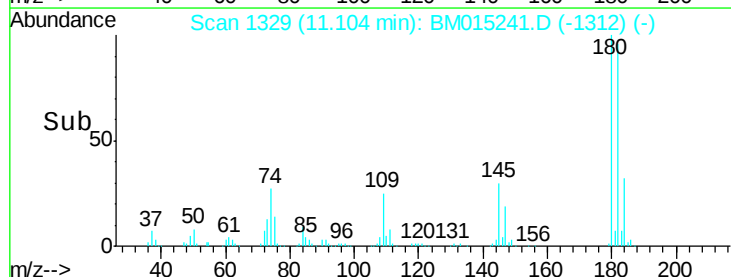
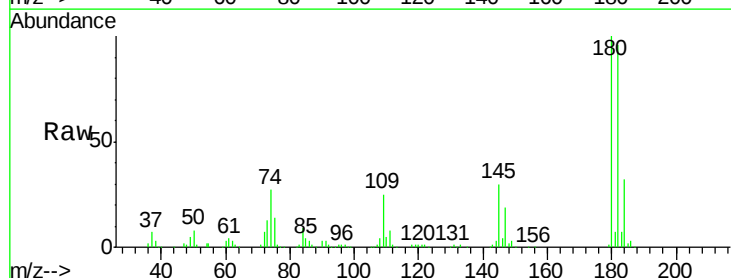
Tgt Ion:180 Resp: 567876

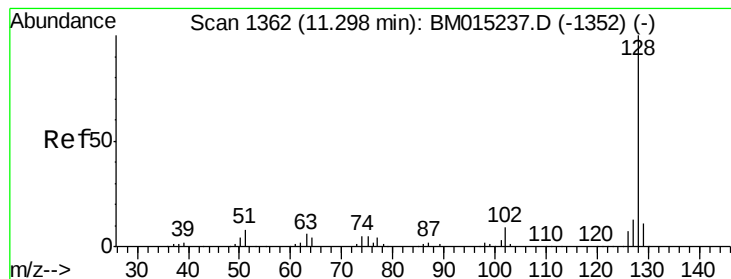
Ion Ratio Lower Upper

180 100

182 96.2 77.6 116.4

145 29.8 23.4 35.2





#31

Naphthalene

Concen: 39.820 ng

RT: 11.30 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

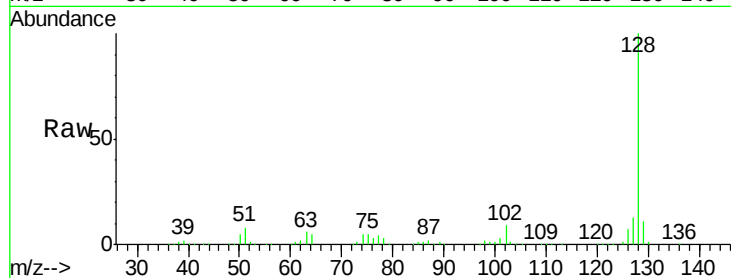
Tgt Ion:128 Resp: 1686495

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

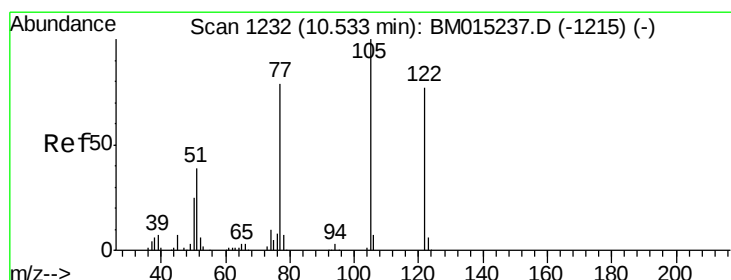
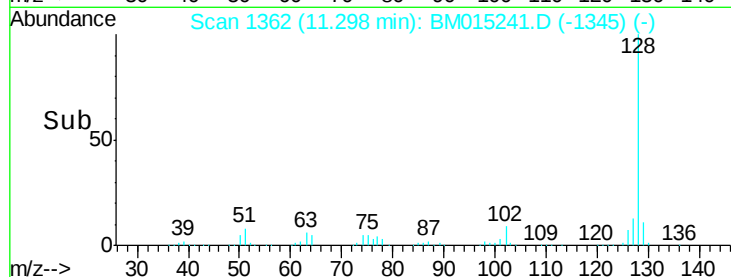
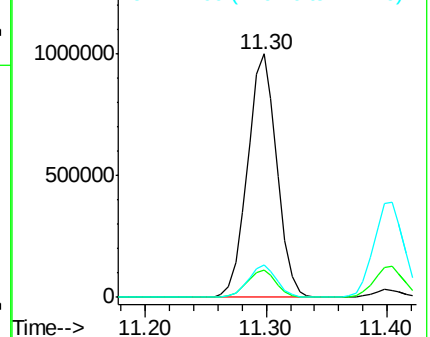
127 13.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.866 ng

RT: 10.53 min Scan# 1232

Delta R.T. 0.02 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

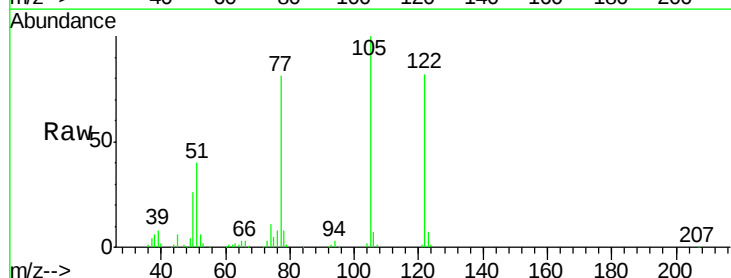
Tgt Ion:122 Resp: 297946

Ion Ratio Lower Upper

122 100

105 122.2 99.9 139.9

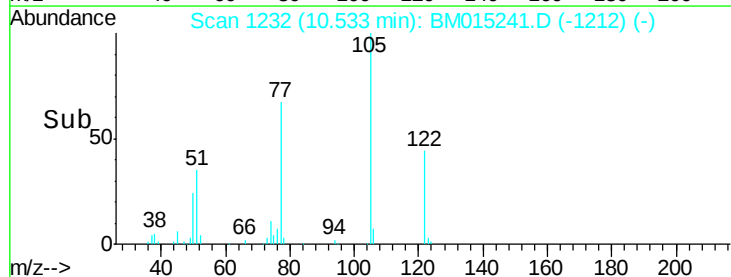
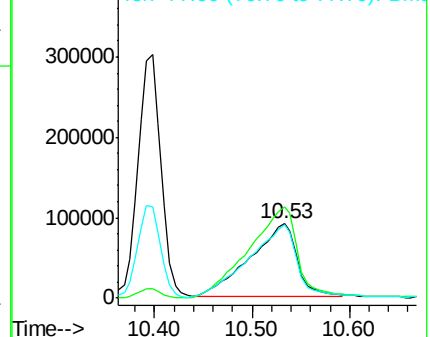
77 98.8 73.7 113.7

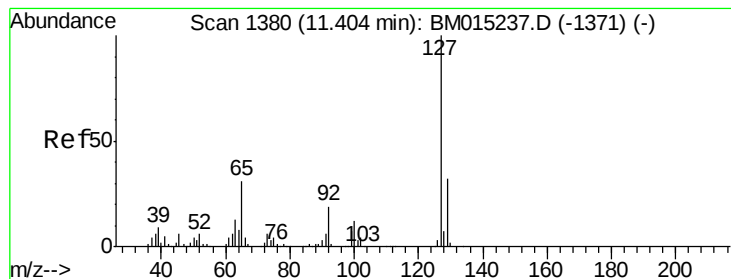


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





#33

4-Chloroaniline

Concen: 40.576 ng

RT: 11.40 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

Tgt Ion:127 Resp: 685815

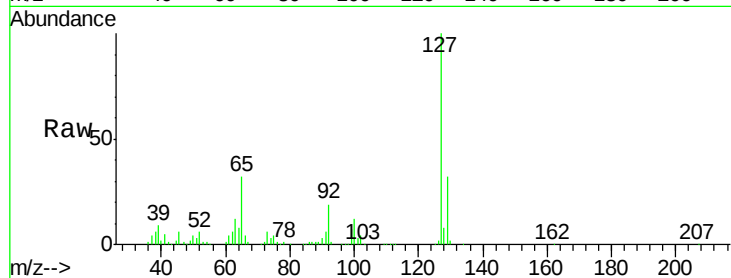
Ion Ratio Lower Upper

127 100

129 32.5 25.3 37.9

65 31.8 17.6 26.4#

92 19.4 13.1 19.7

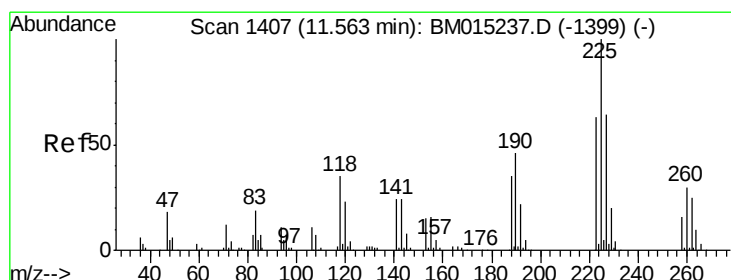
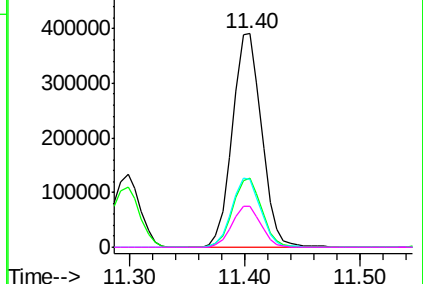
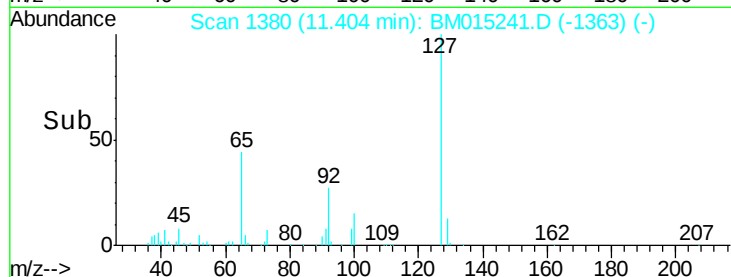


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 40.413 ng

RT: 11.56 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

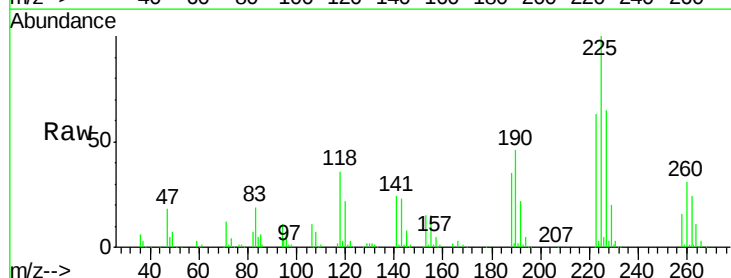
Tgt Ion:225 Resp: 337914

Ion Ratio Lower Upper

225 100

223 62.6 47.9 71.9

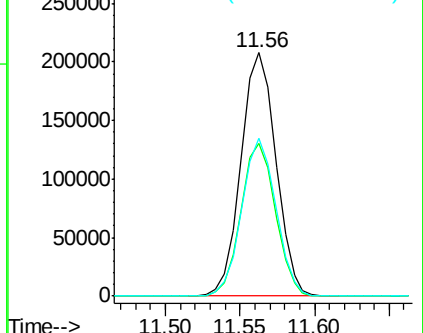
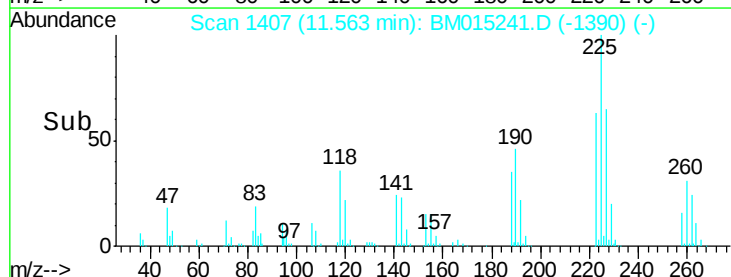
227 64.7 50.1 75.1

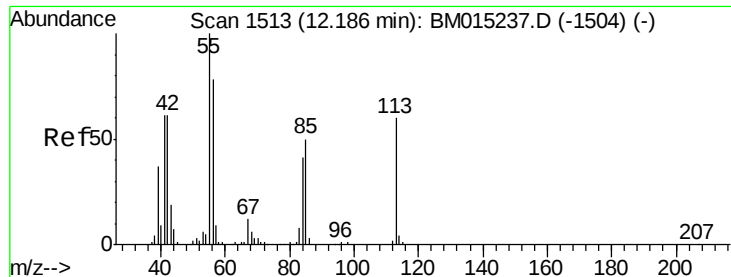


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

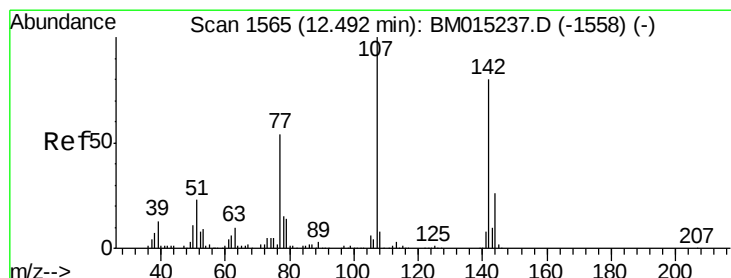
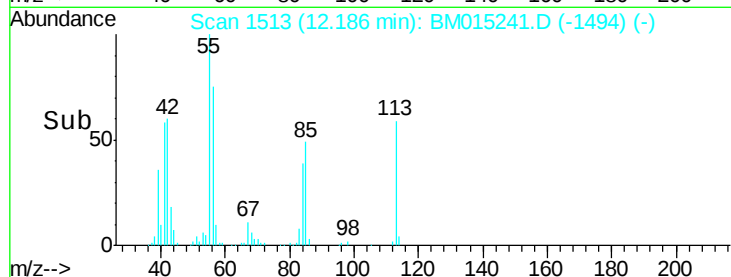
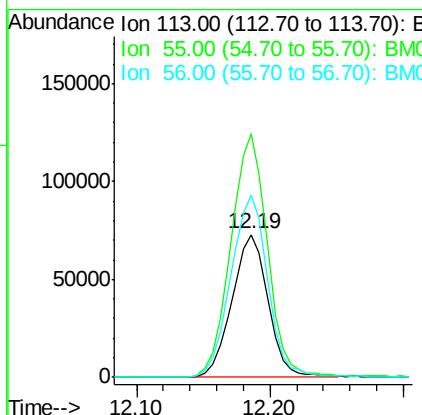
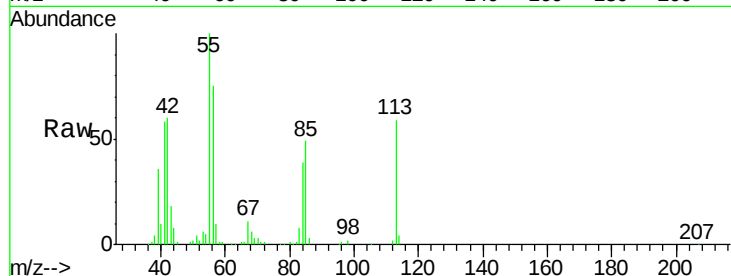




#35  
 Caprolactam  
 Concen: 40.539 ng  
 RT: 12.19 min Scan# 1513  
 Delta R.T. 0.01 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

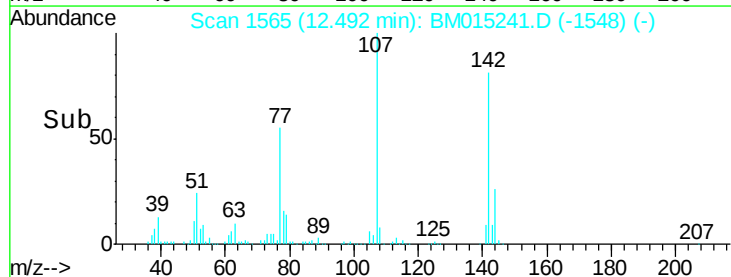
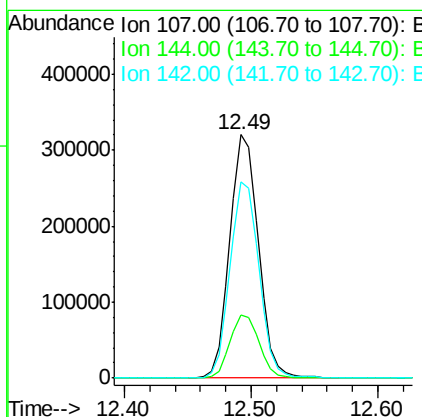
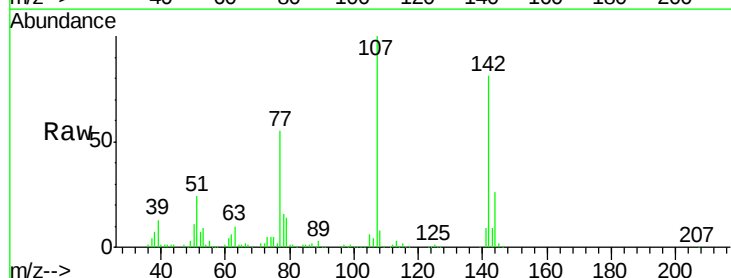
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

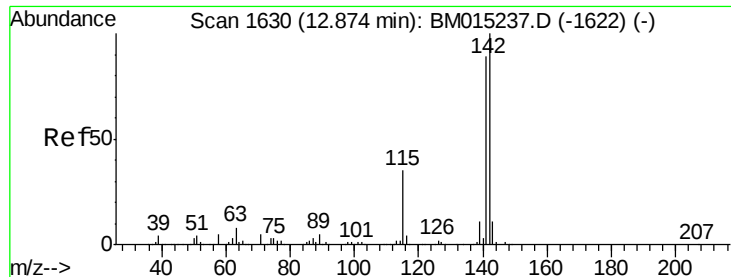
Tgt Ion:113 Resp: 136937  
 Ion Ratio Lower Upper  
 113 100  
 55 170.7 145.9 185.9  
 56 127.3 101.0 141.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.101 ng  
 RT: 12.49 min Scan# 1565  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

Tgt Ion:107 Resp: 501112  
 Ion Ratio Lower Upper  
 107 100  
 144 25.9 23.3 34.9  
 142 80.8 72.6 109.0

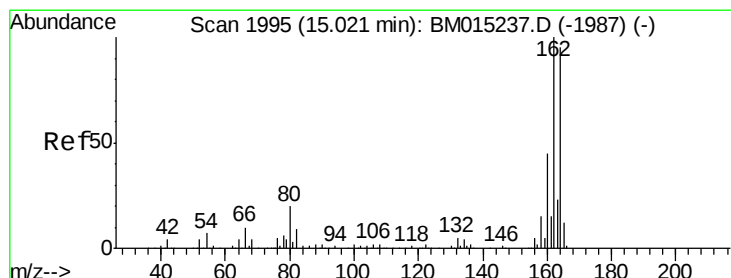
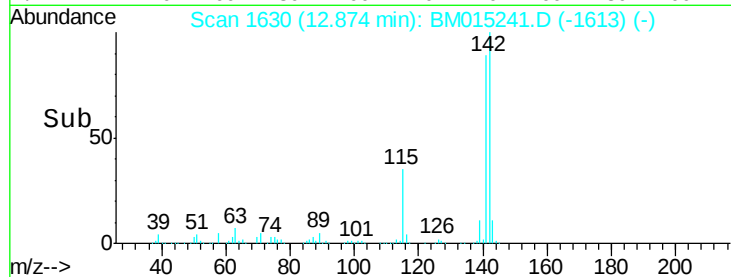
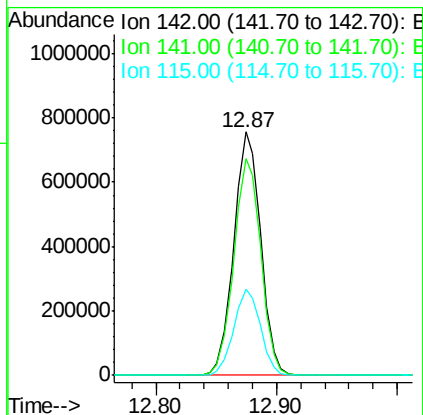
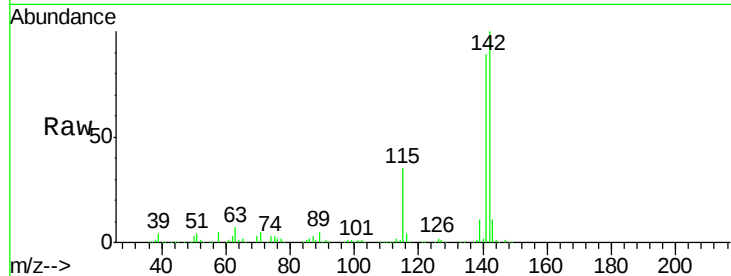




#37  
2-Methylnaphthalene  
Concen: 39.977 ng  
RT: 12.87 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

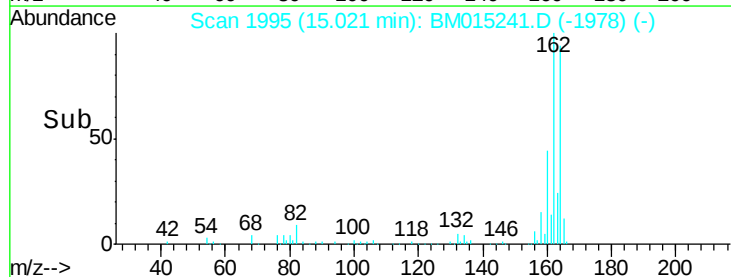
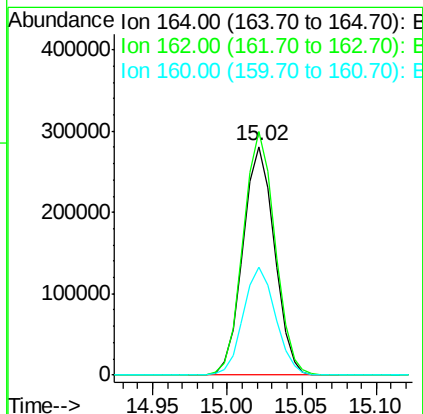
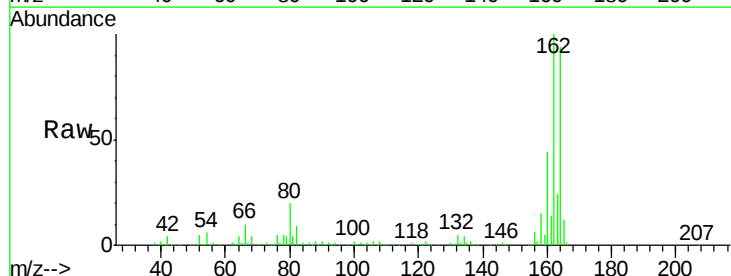
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM052218

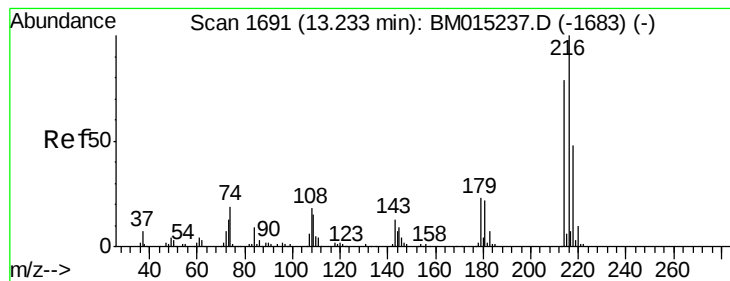
Tgt Ion:142 Resp: 1173365  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.9 107.9  
115 35.3 25.4 38.0



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.02 min Scan# 1995  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

Tgt Ion:164 Resp: 411234  
Ion Ratio Lower Upper  
164 100  
162 106.5 82.4 123.6  
160 47.0 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.621 ng

RT: 13.23 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

Tgt Ion:216 Resp: 588402

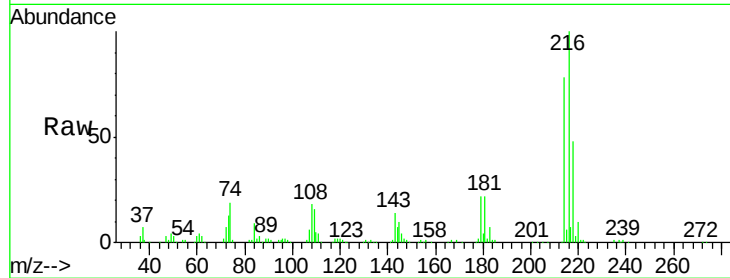
Ion Ratio Lower Upper

216 100

214 78.8 0.0 0.0#

179 21.9 0.0 0.0#

108 19.5 0.0 0.0#

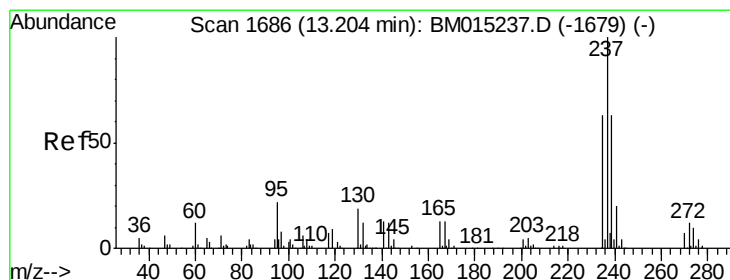
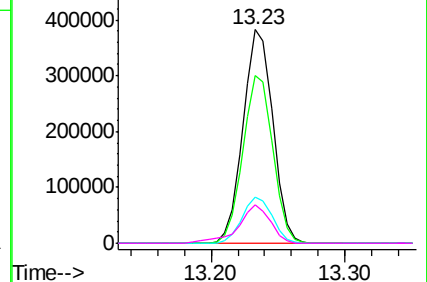
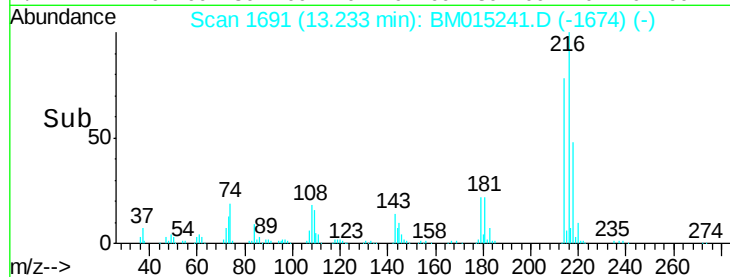


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.704 ng

RT: 13.20 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

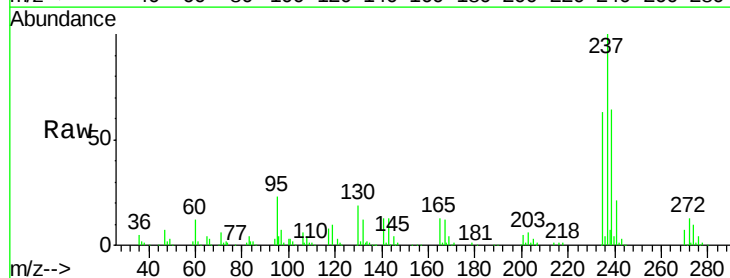
Tgt Ion:237 Resp: 348971

Ion Ratio Lower Upper

237 100

235 63.1 42.0 82.0

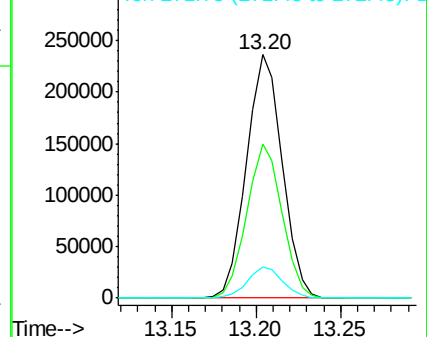
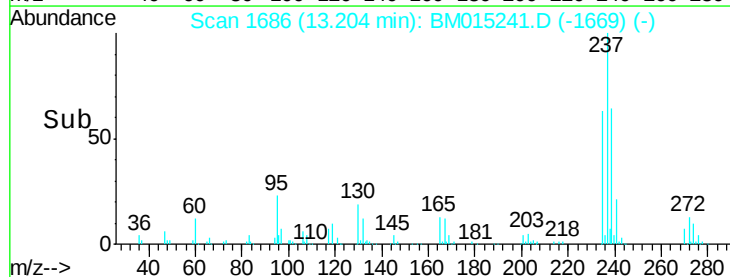
272 12.8 0.0 33.4

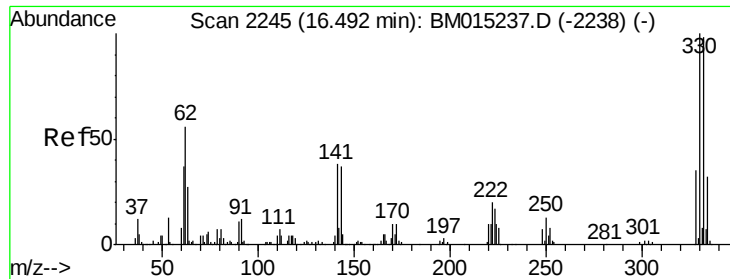


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 84.149 ng

RT: 16.49 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

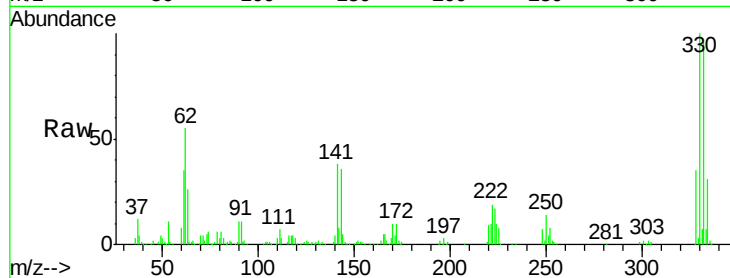
Tgt Ion:330 Resp: 433937

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

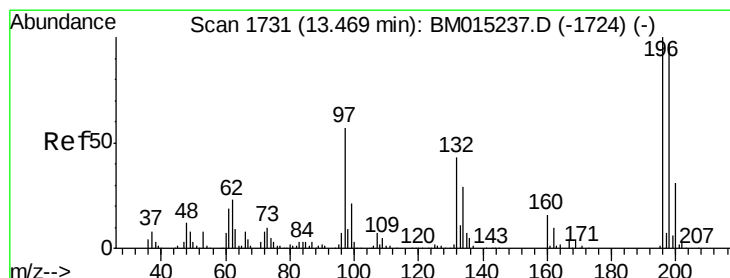
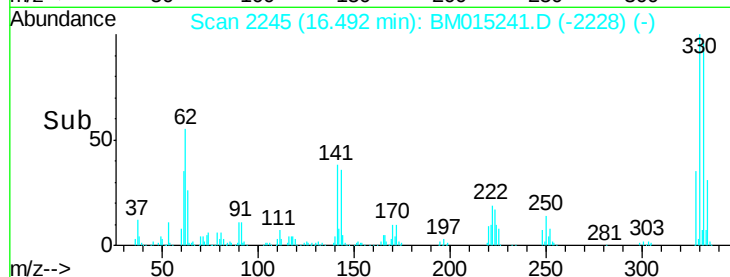
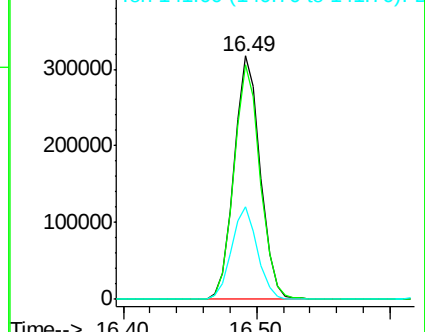
141 37.8 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 41.962 ng

RT: 13.47 min Scan# 1731

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

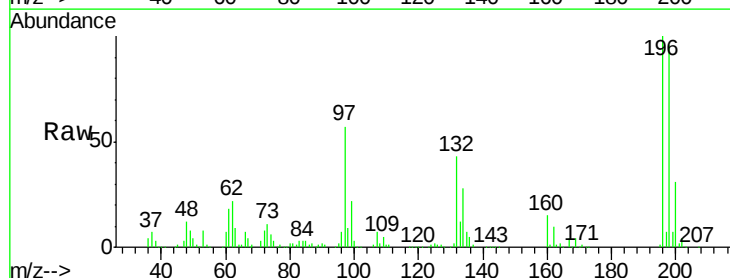
Tgt Ion:196 Resp: 365262

Ion Ratio Lower Upper

196 100

198 95.6 76.3 114.5

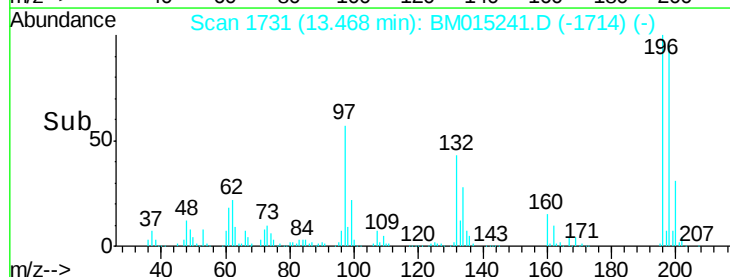
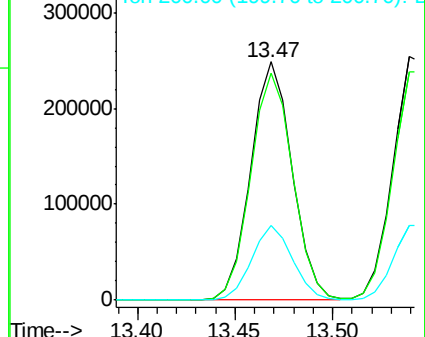
200 31.3 25.6 38.4

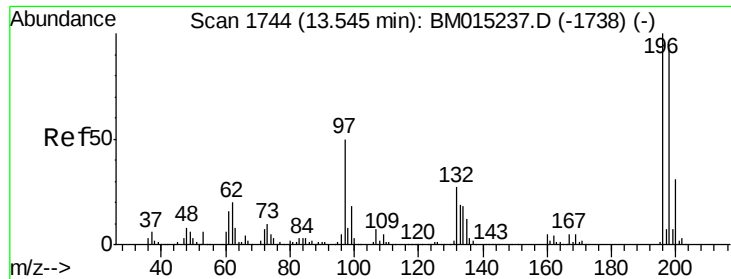


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

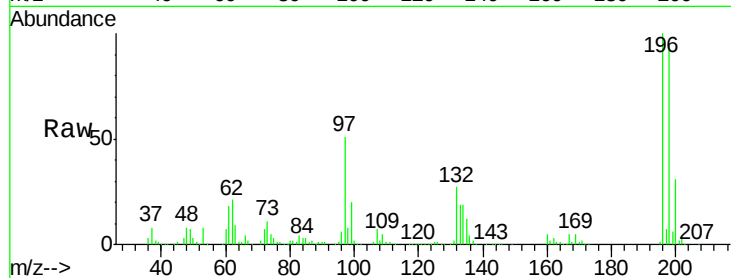




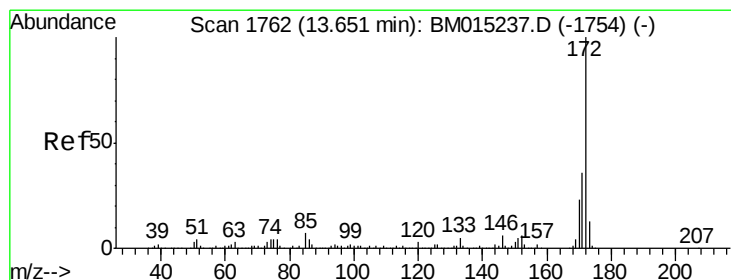
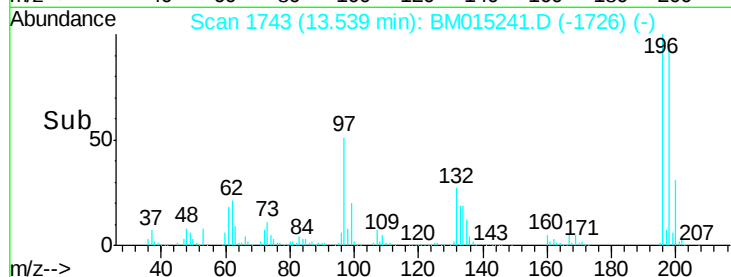
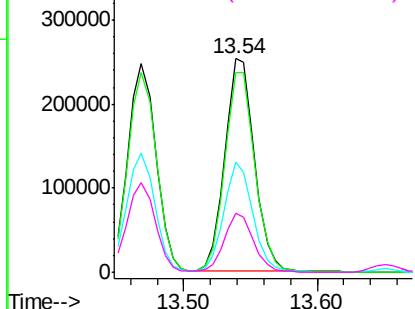
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.979 ng  
 RT: 13.54 min Scan# 1743  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.6  | 79.4  | 119.0 |
| 97      | 51.4  | 26.8  | 40.2  |
| 132     | 27.4  | 18.6  | 28.0  |

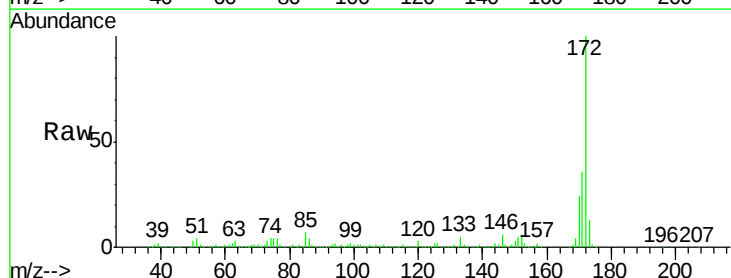


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BM  
 Ion 132.00 (131.70 to 132.70): E

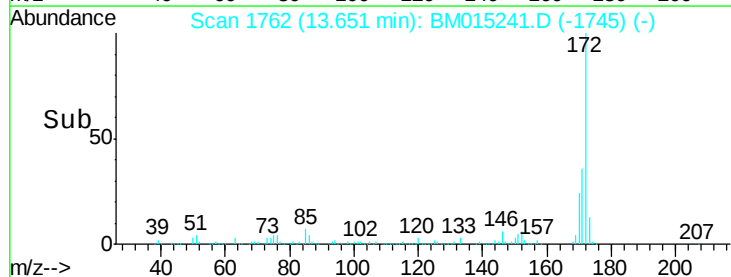
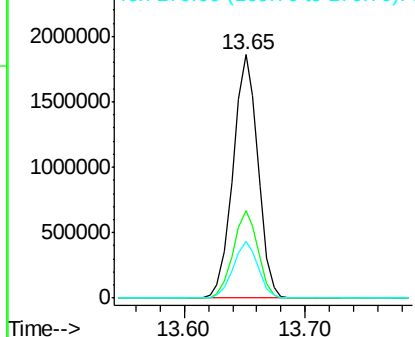


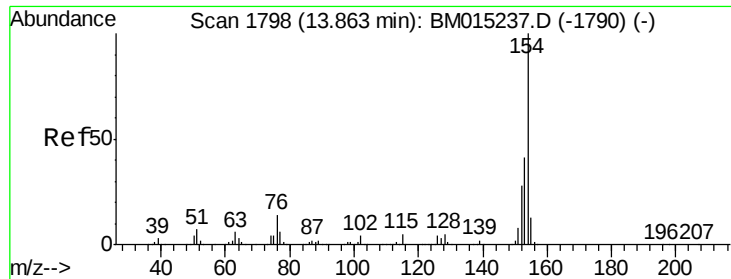
#44  
 2-Fluorobiphenyl  
 Concen: 80.583 ng  
 RT: 13.65 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 28.5  | 42.7  |
| 170     | 23.6  | 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

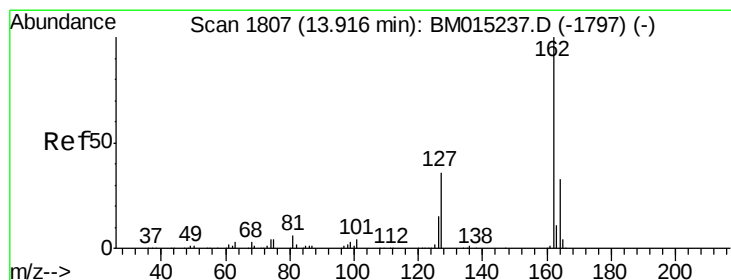
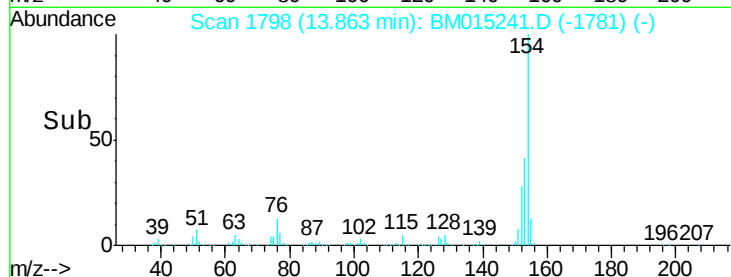
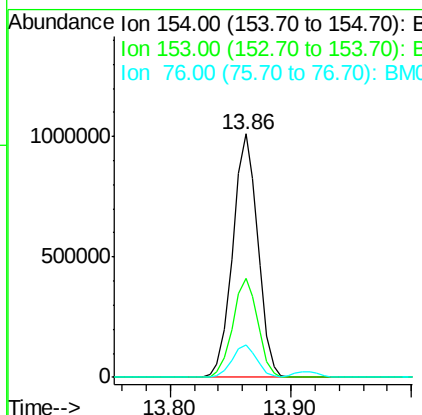
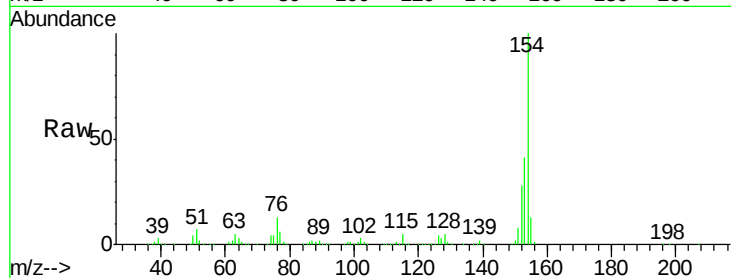




#45  
 1,1'-Biphenyl  
 Concen: 40.604 ng  
 RT: 13.86 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

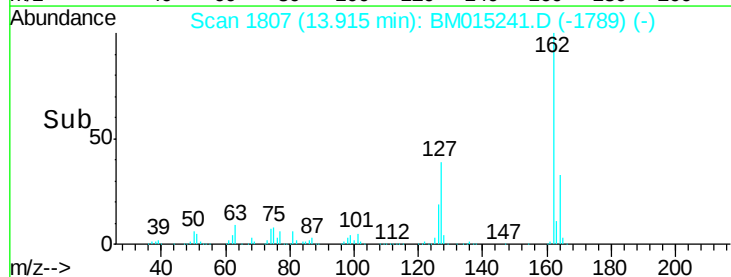
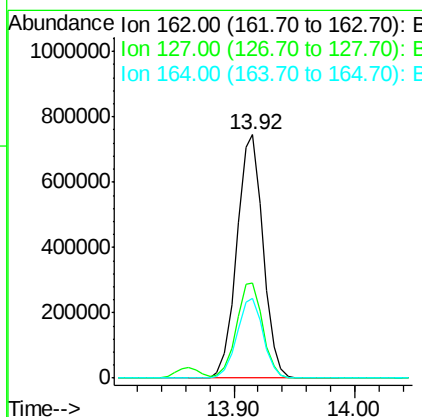
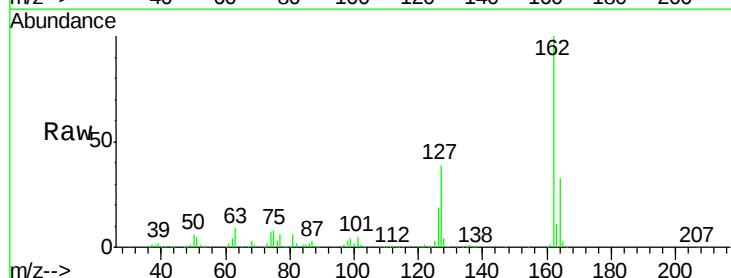
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

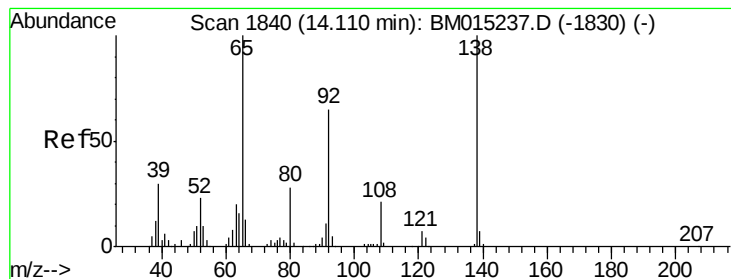
Tgt Ion:154 Resp: 1460986  
 Ion Ratio Lower Upper  
 154 100  
 153 40.6 20.7 60.7  
 76 13.1 0.0 30.9



#46  
 2-Chloronaphthalene  
 Concen: 40.646 ng  
 RT: 13.92 min Scan# 1807  
 Delta R.T. 0.01 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

Tgt Ion:162 Resp: 1125569  
 Ion Ratio Lower Upper  
 162 100  
 127 39.0 26.9 40.3  
 164 32.9 26.8 40.2





#47

2-Nitroaniline

Concen: 40.808 ng

RT: 14.11 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

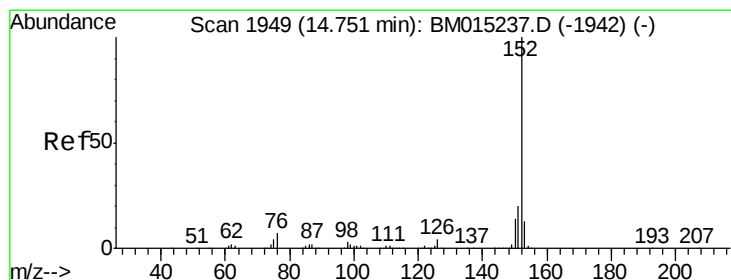
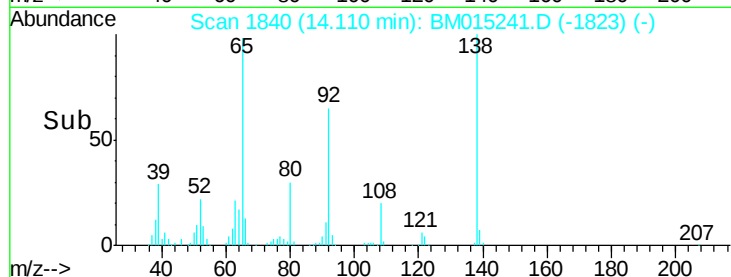
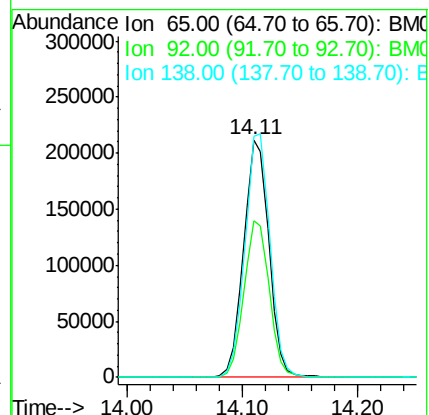
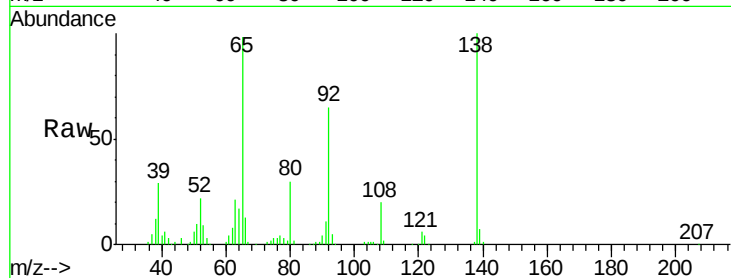
Tgt Ion: 65 Resp: 321944

Ion Ratio Lower Upper

65 100

92 65.9 59.1 88.7

138 101.6 93.9 140.9



#48

Acenaphthylene

Concen: 41.062 ng

RT: 14.75 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

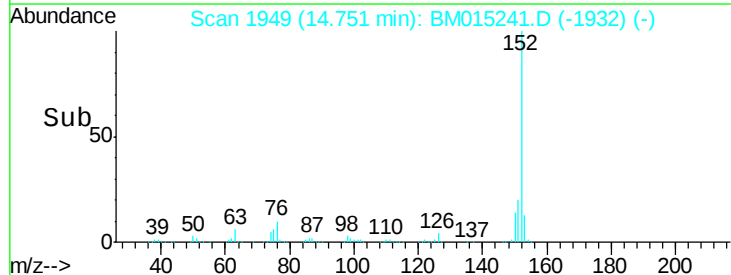
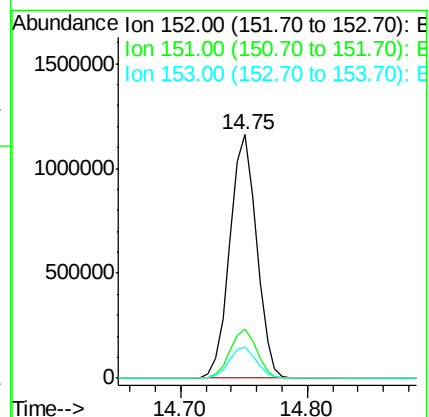
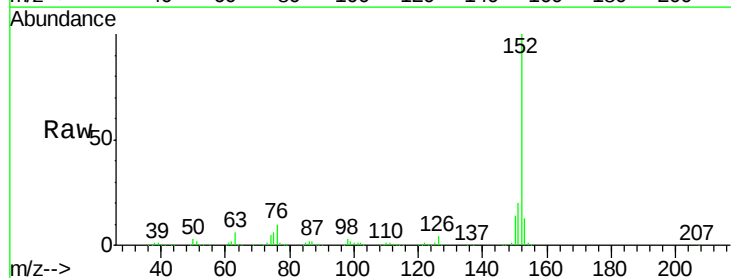
Tgt Ion: 152 Resp: 1689008

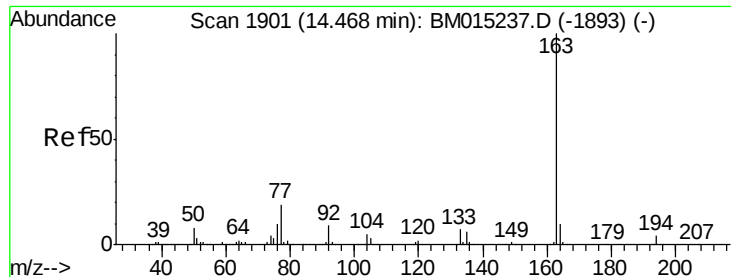
Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 12.8 10.6 16.0





#49

Dimethylphthalate

Concen: 40.563 ng

RT: 14.47 min Scan# 1901

Delta R.T. 0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

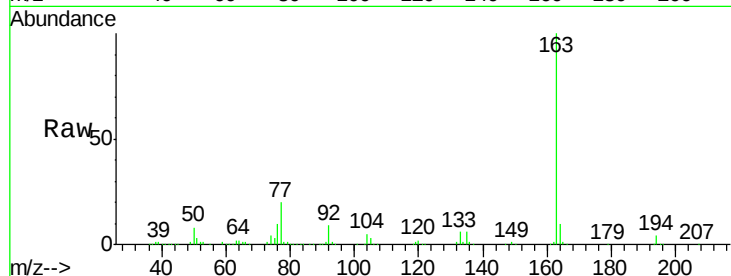
Tgt Ion:163 Resp: 1331261

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

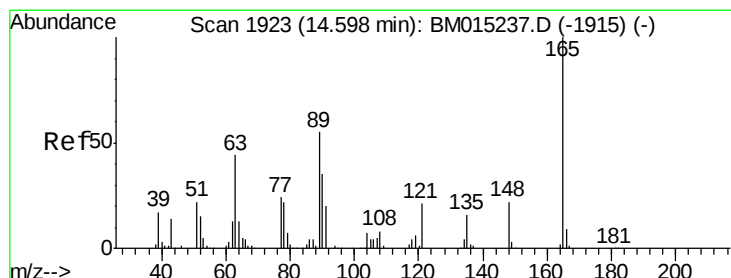
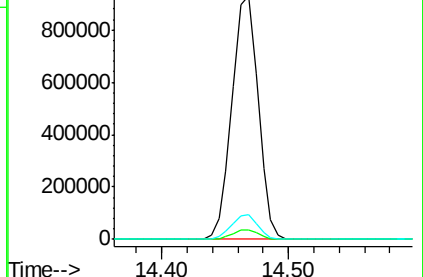
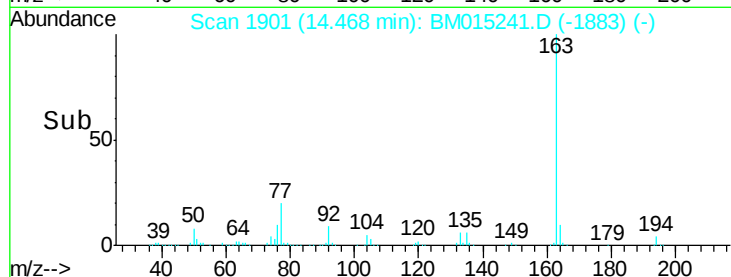
164 9.9 8.2 12.2



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: 42.268 ng

RT: 14.60 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

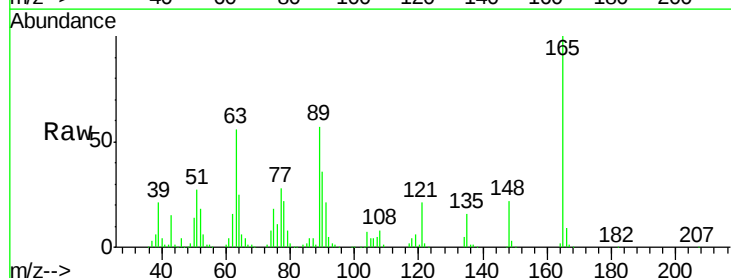
Tgt Ion:165 Resp: 289412

Ion Ratio Lower Upper

165 100

63 55.8 44.1 66.1

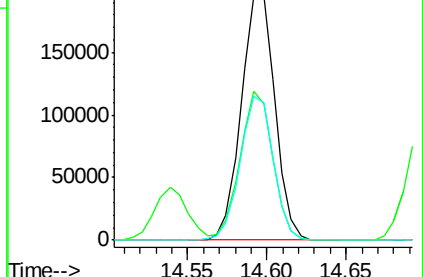
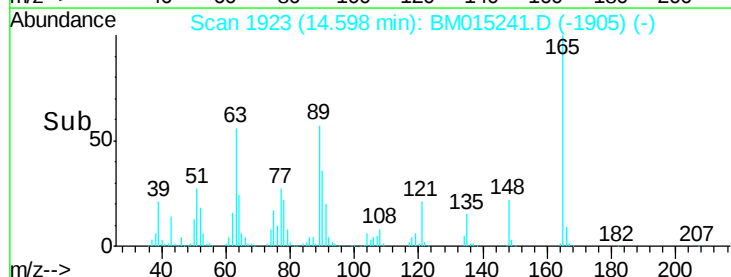
89 56.5 44.3 66.5

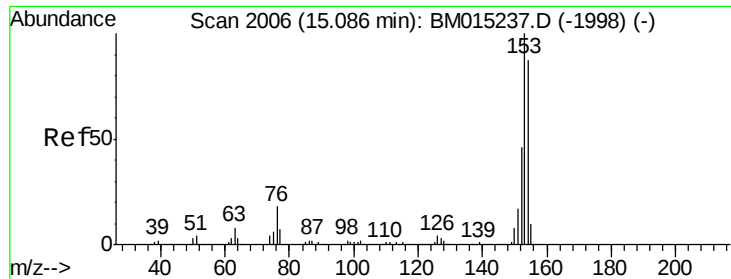


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.558 ng

RT: 15.09 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

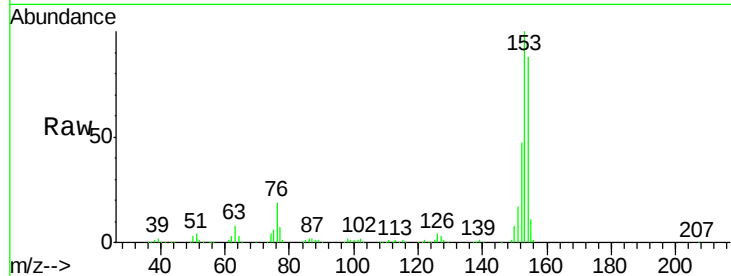
Tgt Ion:154 Resp: 1039220

Ion Ratio Lower Upper

154 100

153 113.8 90.0 135.0

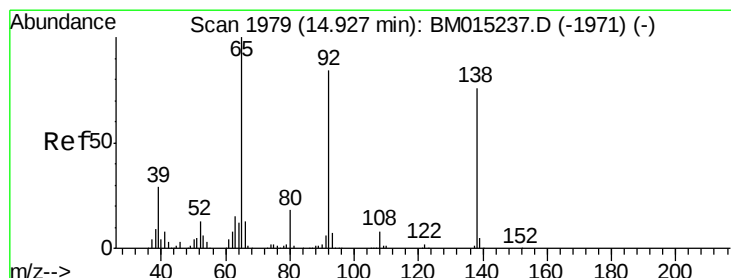
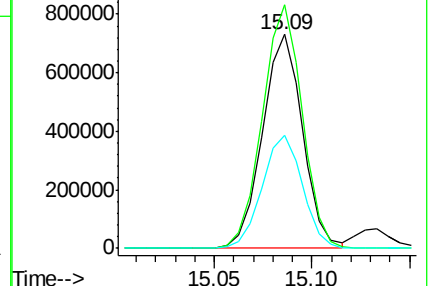
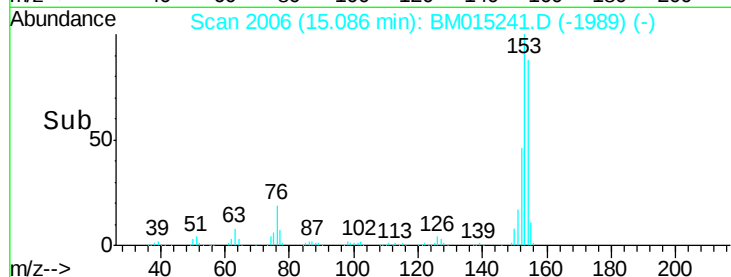
152 53.0 42.6 63.8



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: 40.669 ng

RT: 14.93 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

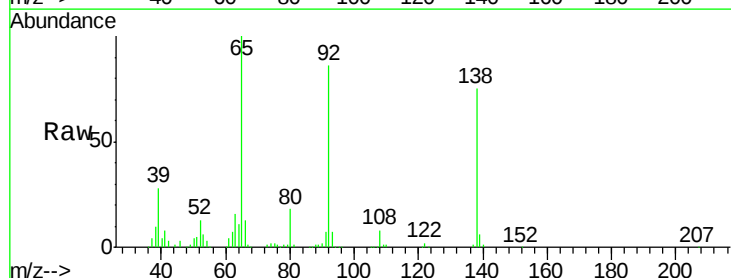
Tgt Ion:138 Resp: 293221

Ion Ratio Lower Upper

138 100

108 10.3 7.3 10.9

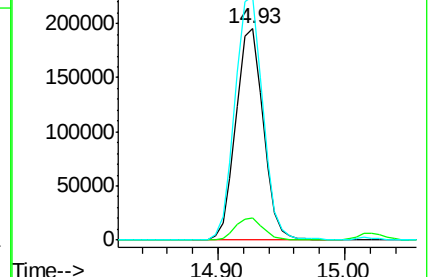
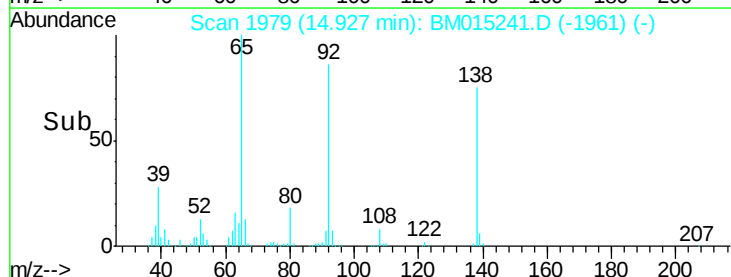
92 115.3 76.6 114.8#

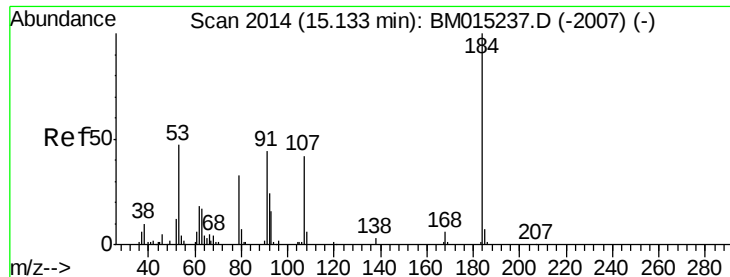


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 39.061 ng

RT: 15.13 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

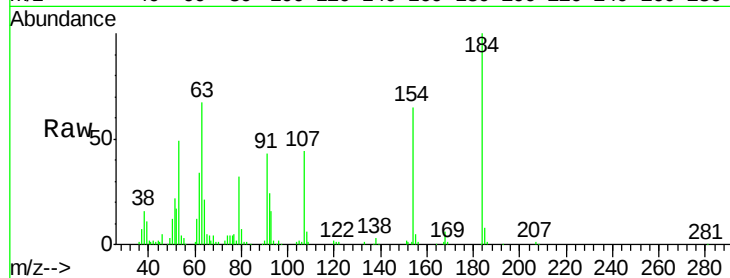
Tgt Ion:184 Resp: 144875

Ion Ratio Lower Upper

184 100

63 66.7 69.2 103.8#

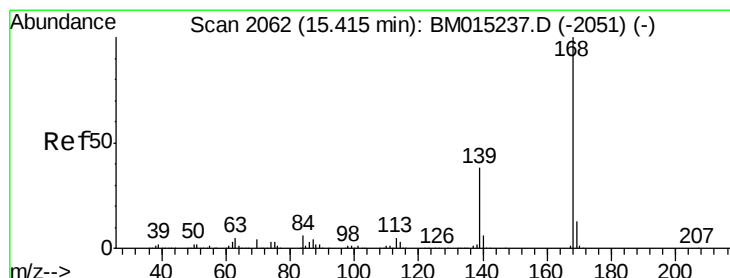
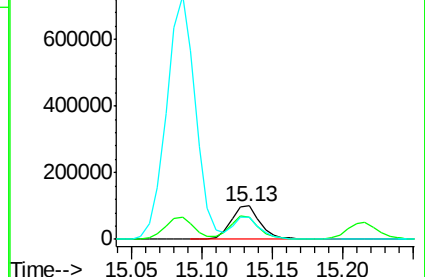
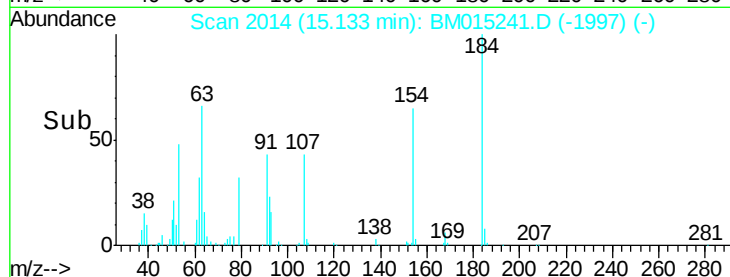
154 65.5 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.764 ng

RT: 15.42 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

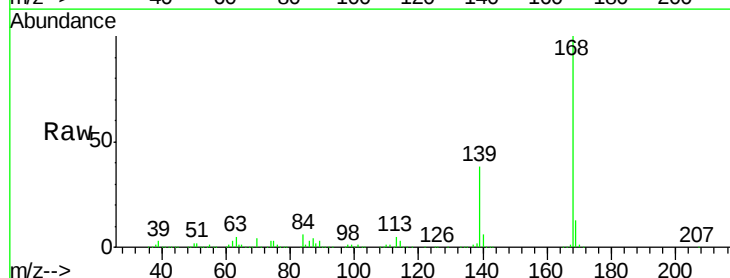
Tgt Ion:168 Resp: 1606413

Ion Ratio Lower Upper

168 100

139 38.5 27.3 40.9

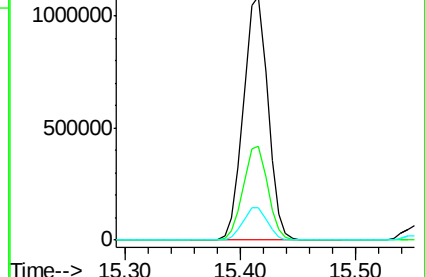
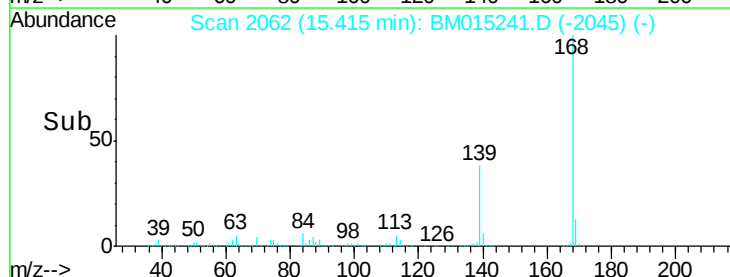
169 13.1 10.6 16.0

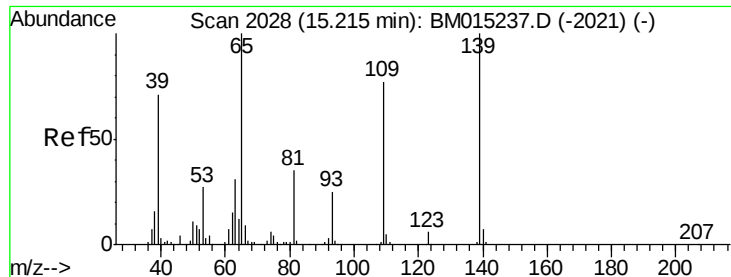


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

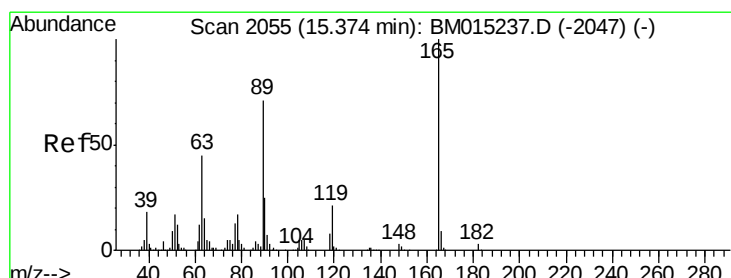
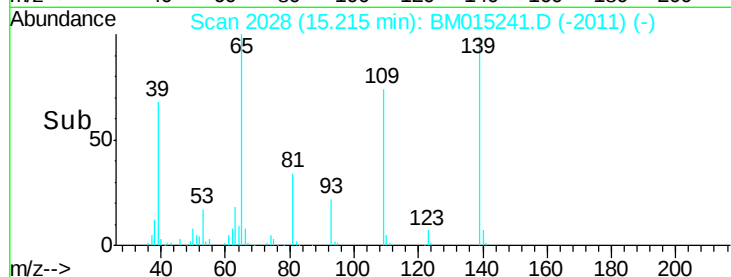
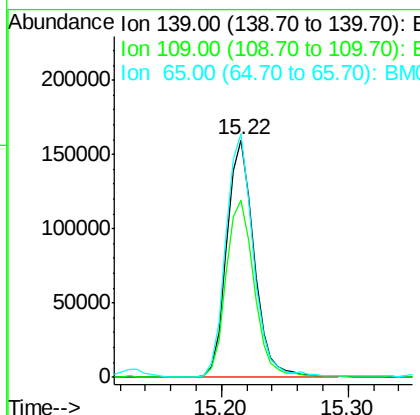
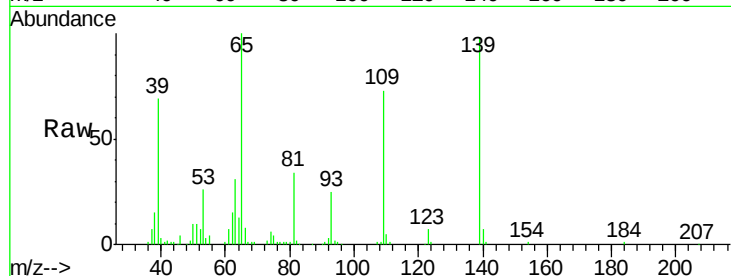




#55  
4-Nitrophenol  
Concen: 40.814 ng  
RT: 15.22 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

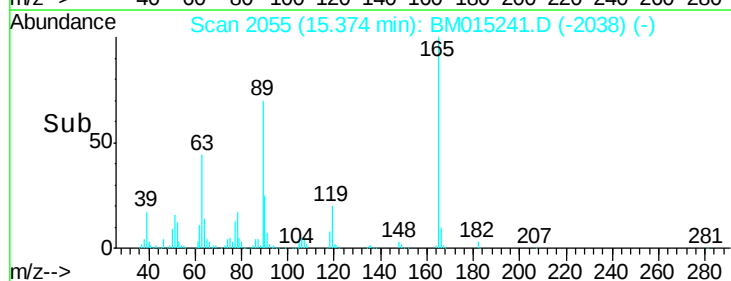
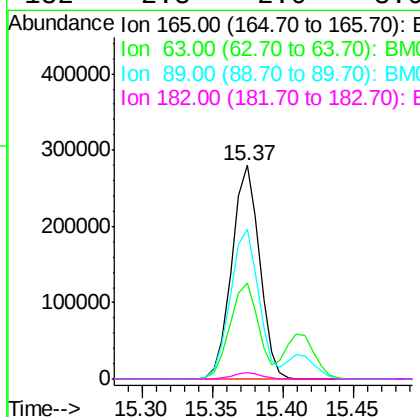
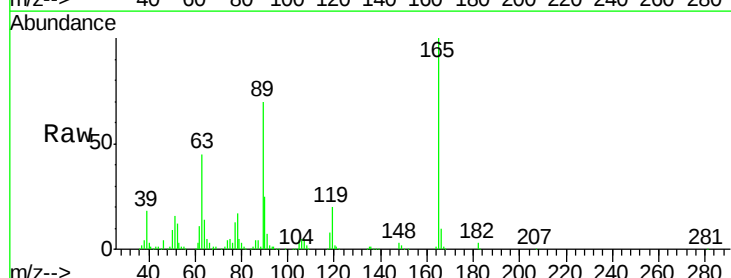
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM052218

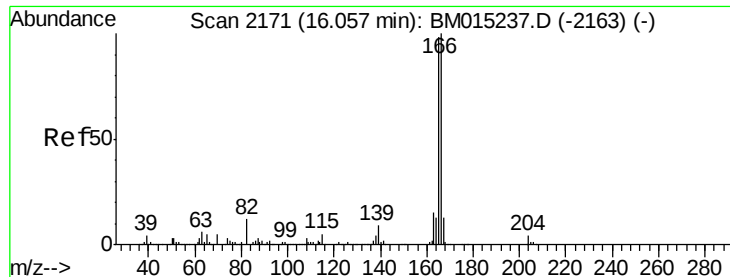
Tgt Ion:139 Resp: 238666  
Ion Ratio Lower Upper  
139 100  
109 74.4 130.0 170.0#  
65 102.4 130.0 170.0#



#56  
2,4-Dinitrotoluene  
Concen: 41.033 ng  
RT: 15.37 min Scan# 2055  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

Tgt Ion:165 Resp: 384724  
Ion Ratio Lower Upper  
165 100  
63 44.8 52.4 78.6#  
89 69.9 72.4 108.6#  
182 2.8 2.0 3.0





#57

Fluorene

Concen: 40.270 ng

RT: 16.06 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

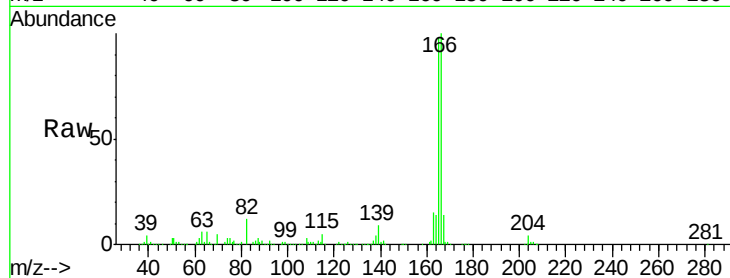
Tgt Ion:166 Resp: 1285650

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.4

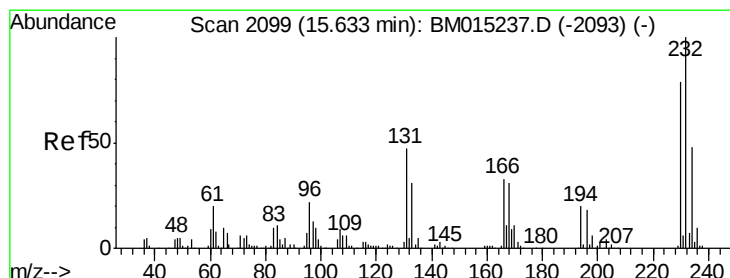
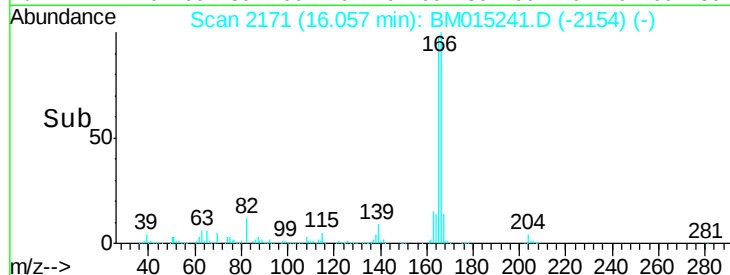
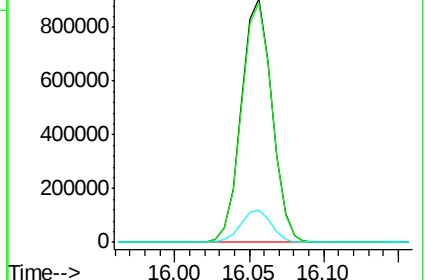
167 13.5 10.3 15.5



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: 41.764 ng

RT: 15.63 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Tgt Ion:232 Resp: 336614

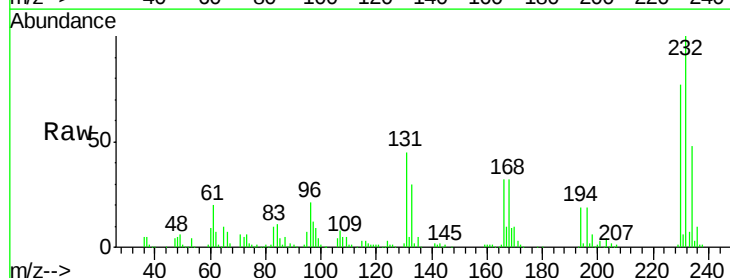
Ion Ratio Lower Upper

232 100

131 46.3 0.0 0.0#

130 2.6 0.0 0.0#

166 33.3 0.0 0.0#

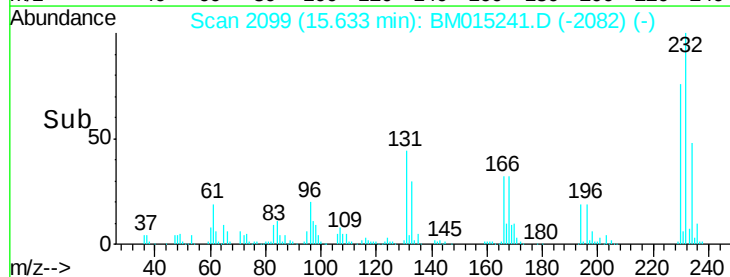
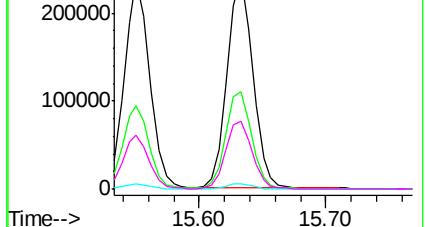


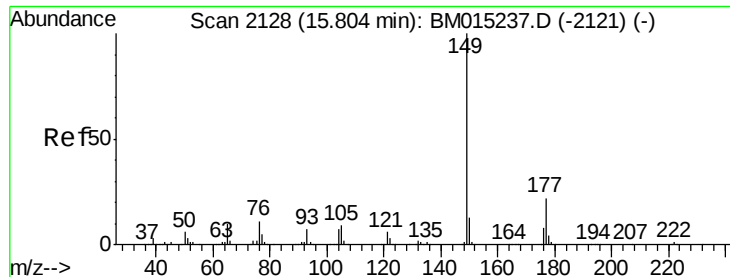
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.736 ng

RT: 15.80 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

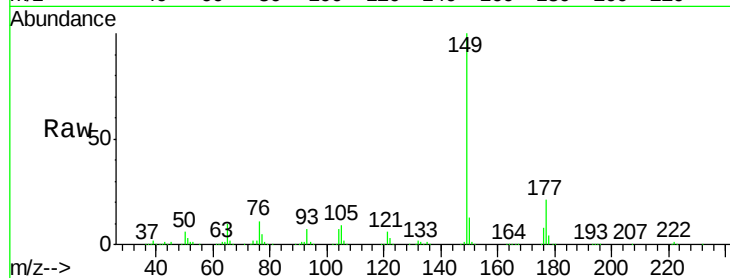
Tgt Ion:149 Resp: 1317882

Ion Ratio Lower Upper

149 100

177 21.5 18.3 27.5

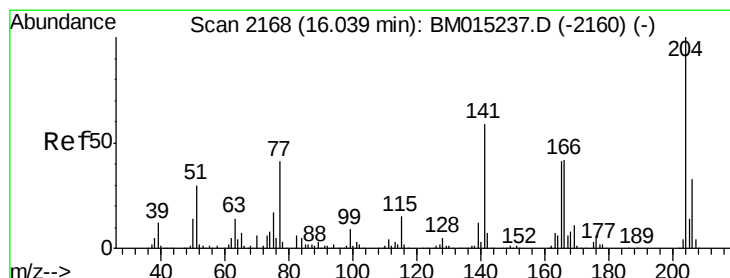
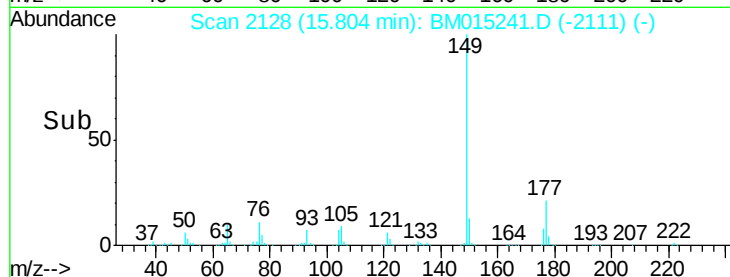
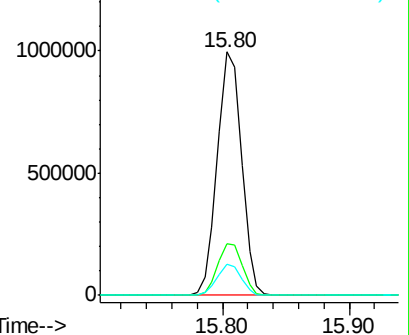
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.368 ng

RT: 16.04 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

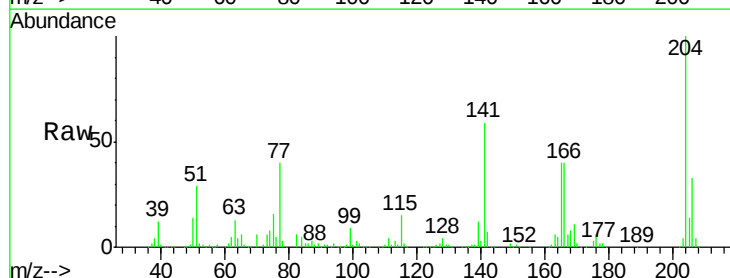
Tgt Ion:204 Resp: 656459

Ion Ratio Lower Upper

204 100

206 32.7 26.6 39.8

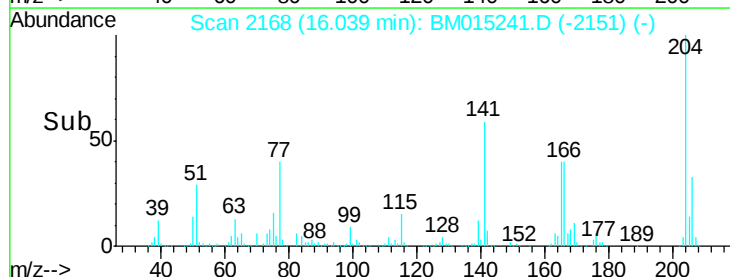
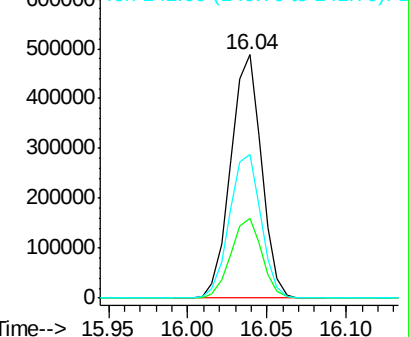
141 58.8 45.2 67.8

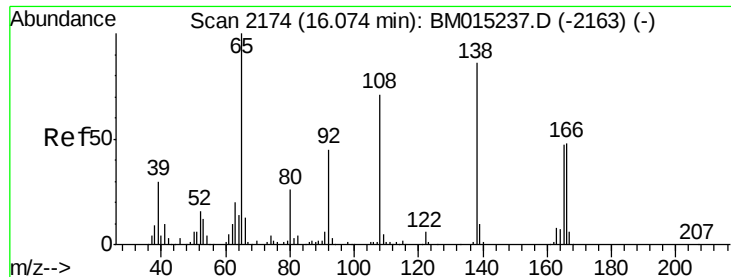


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

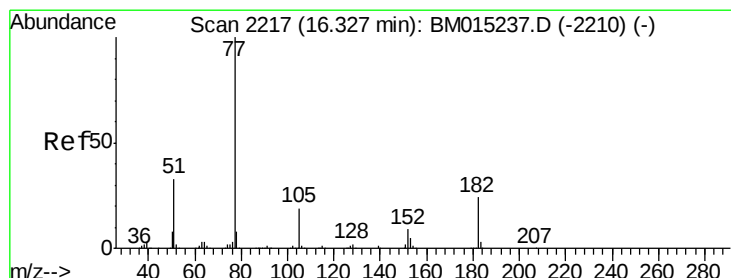
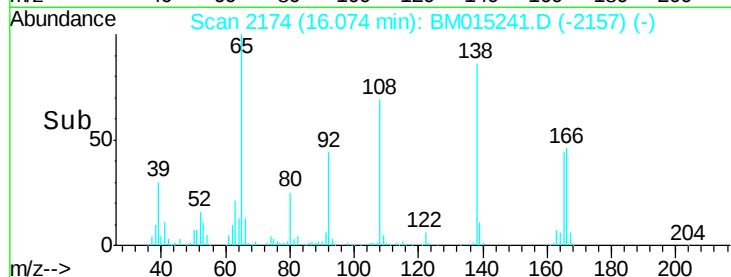
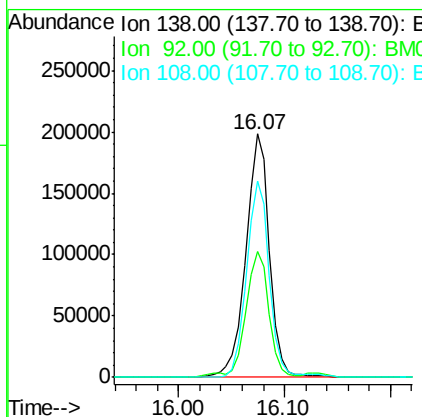
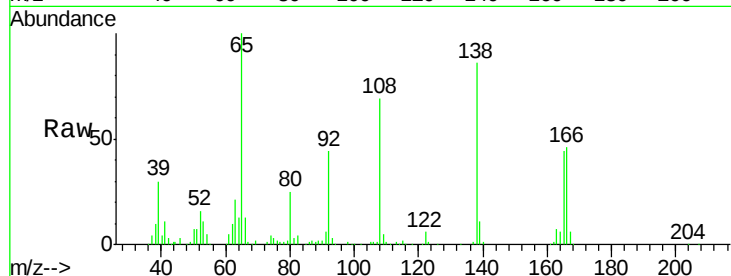




#61  
 4-Nitroaniline  
 Concen: 40.855 ng  
 RT: 16.07 min Scan# 2174  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

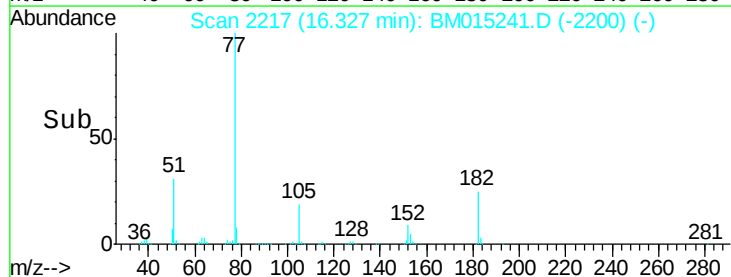
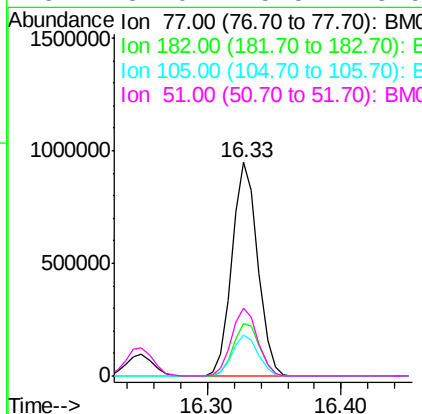
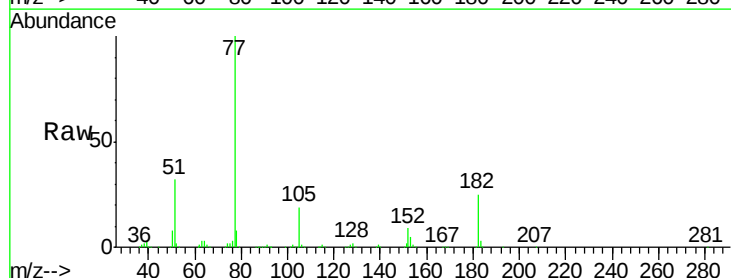
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

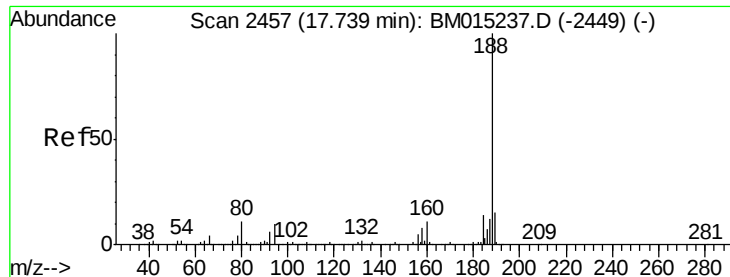
Tgt Ion: 138 Resp: 307965  
 Ion Ratio Lower Upper  
 138 100  
 92 51.7 16.7 56.7  
 108 80.5 37.6 77.6#



#62  
 Azobenzene  
 Concen: 41.492 ng  
 RT: 16.33 min Scan# 2217  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

Tgt Ion: 77 Resp: 1275205  
 Ion Ratio Lower Upper  
 77 100  
 182 24.8 6.5 46.5  
 105 19.0 3.8 43.8  
 51 32.0 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.74 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

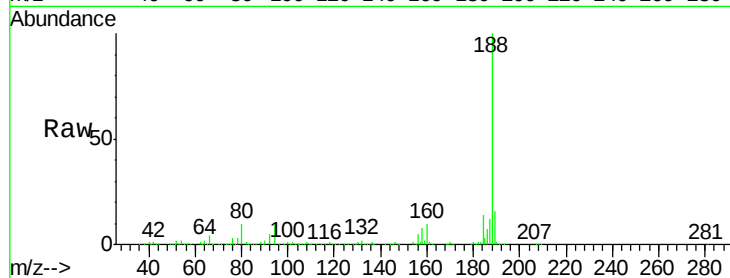
Tgt Ion:188 Resp: 852092

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

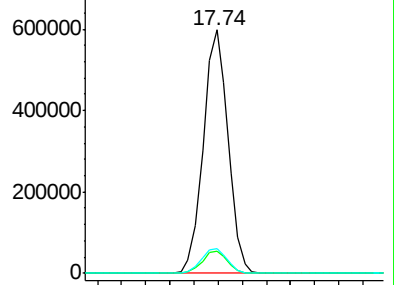
80 10.4 9.3 13.9



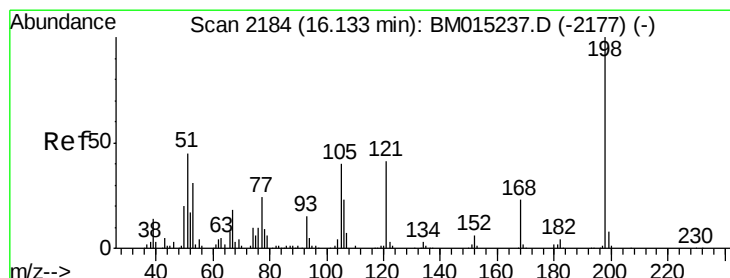
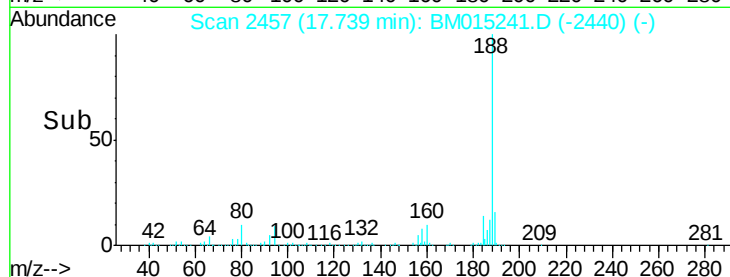
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 41.015 ng

RT: 16.13 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

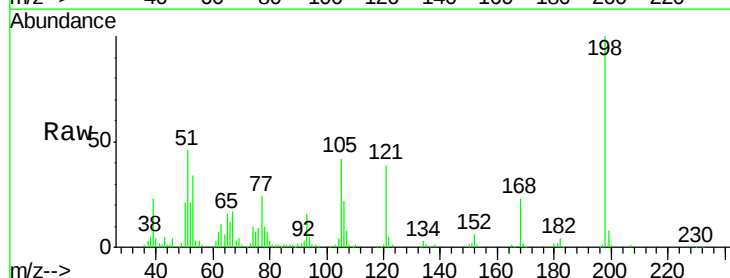
Tgt Ion:198 Resp: 192897

Ion Ratio Lower Upper

198 100

51 46.1 28.8 68.8

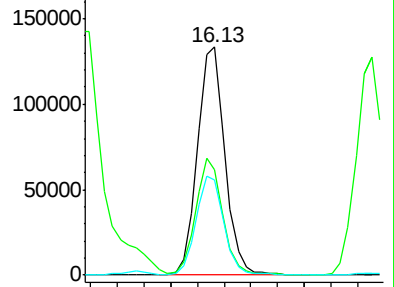
105 41.5 30.5 70.5



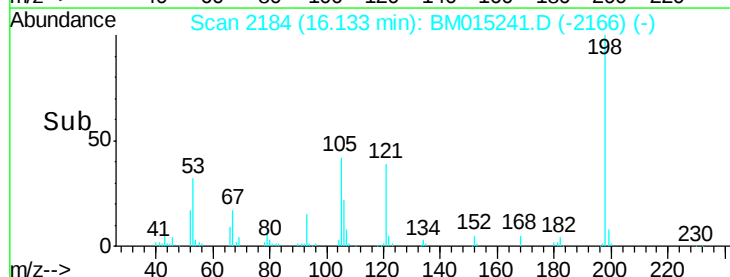
Abundance Ion 198.00 (197.70 to 198.70): E

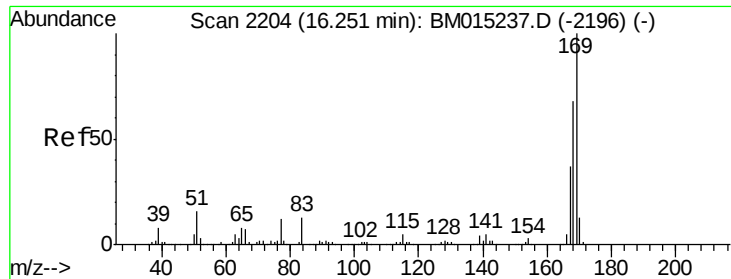
Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 40.581 ng

RT: 16.25 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

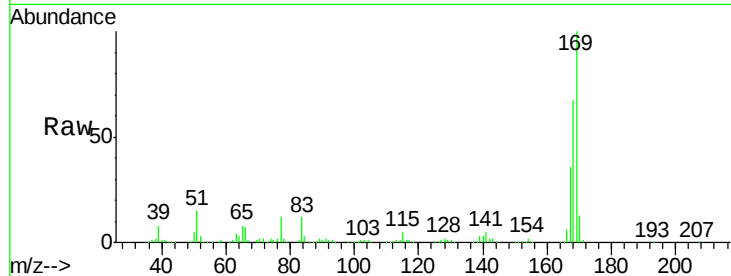
Tgt Ion:169 Resp: 1111055

Ion Ratio Lower Upper

169 100

168 67.5 53.9 80.9

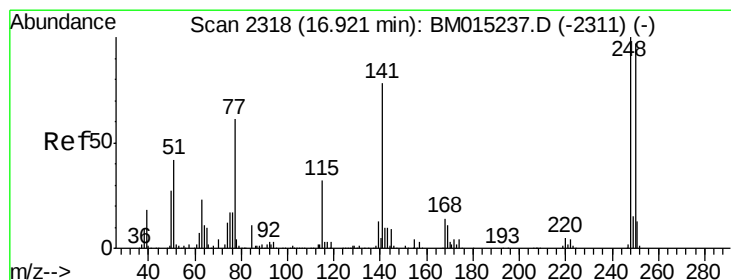
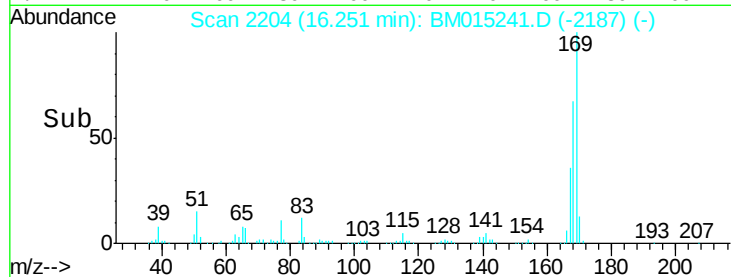
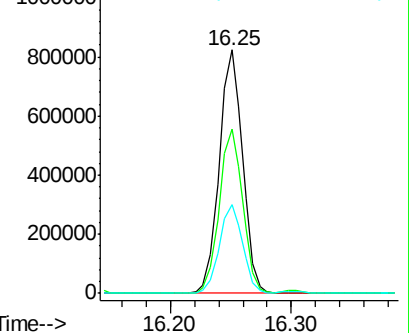
167 36.3 28.9 43.3



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: 40.509 ng

RT: 16.92 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

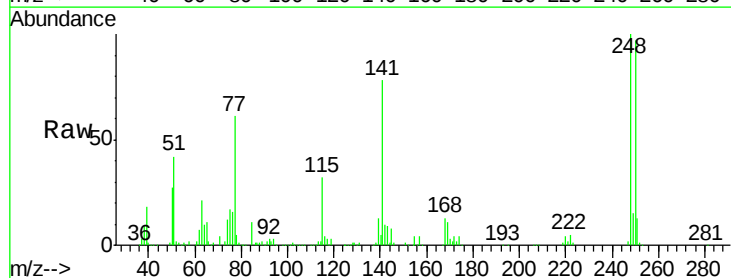
Tgt Ion:248 Resp: 385642

Ion Ratio Lower Upper

248 100

250 97.0 77.4 116.0

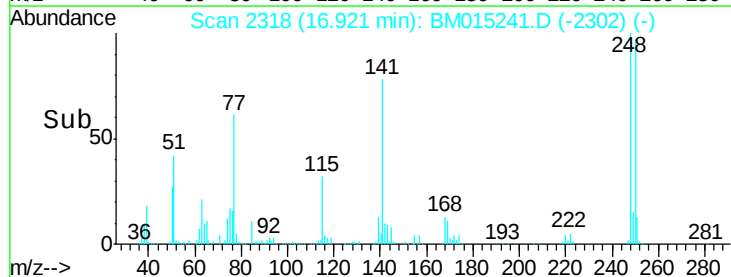
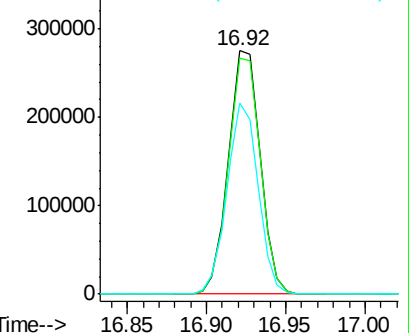
141 78.3 45.2 67.8#

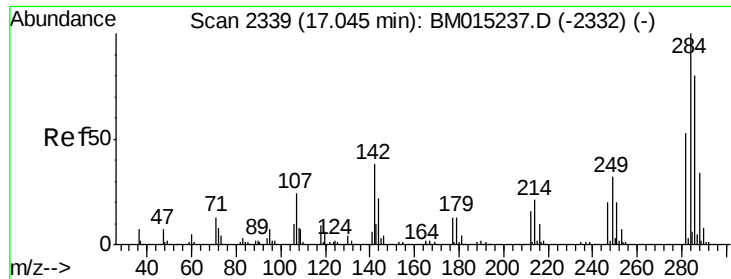


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

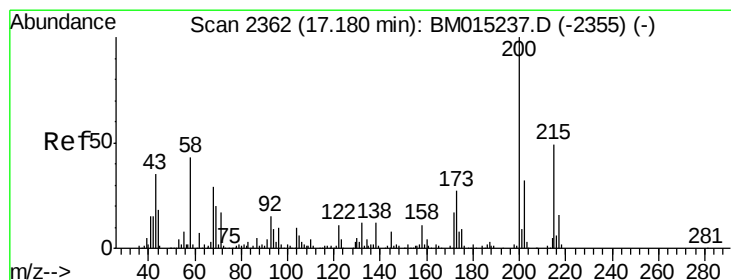
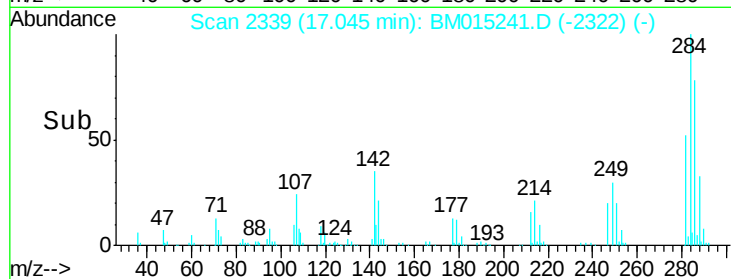
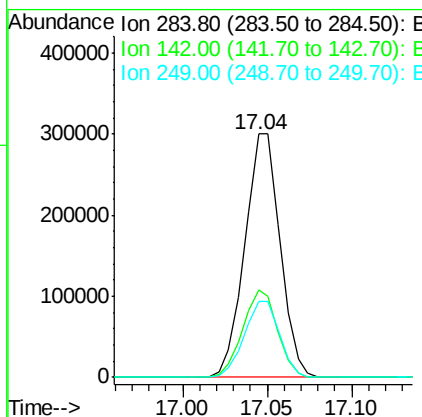
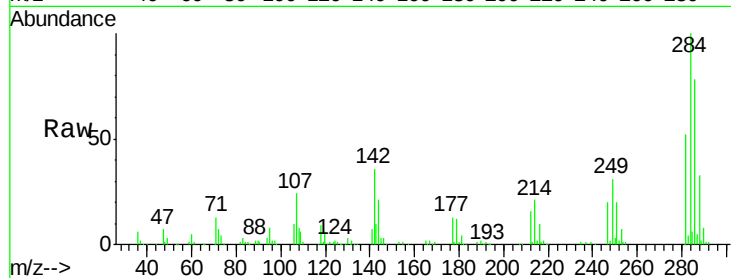




#67  
Hexachlorobenzene  
Concen: 39.928 ng  
RT: 17.04 min Scan# 2339  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

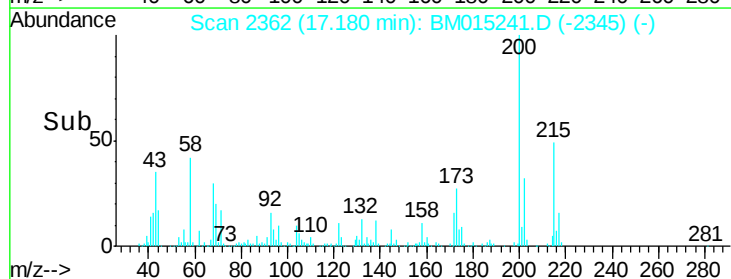
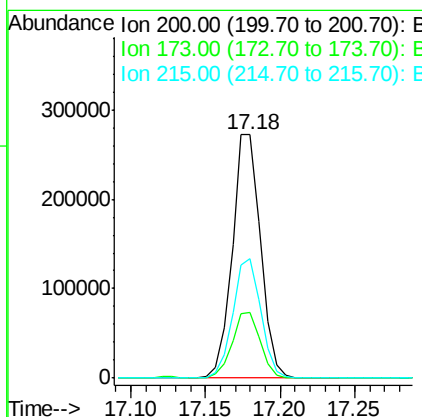
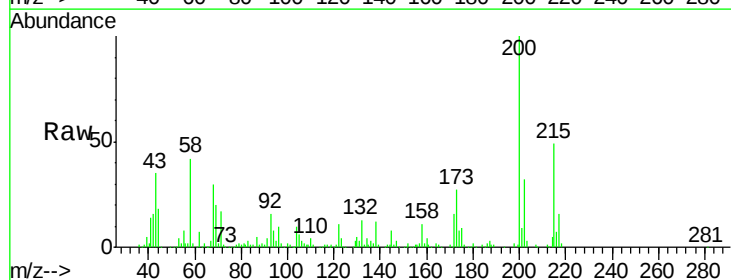
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM052218

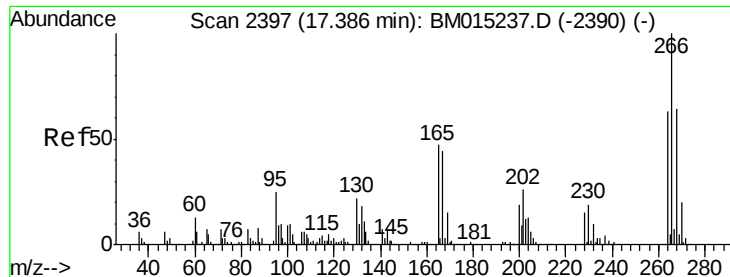
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.9  | 20.4  | 30.6  |
| 249     | 31.2  | 23.8  | 35.6  |



#68  
Atrazine  
Concen: 41.573 ng  
RT: 17.18 min Scan# 2362  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.8  | 4.8   | 44.8  |
| 215     | 49.2  | 26.9  | 66.9  |





#69

Pentachlorophenol

Concen: 40.433 ng

RT: 17.39 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

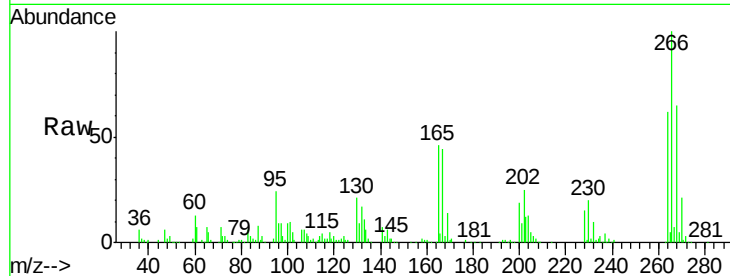
Tgt Ion:266 Resp: 246749

Ion Ratio Lower Upper

266 100

268 65.1 52.0 78.0

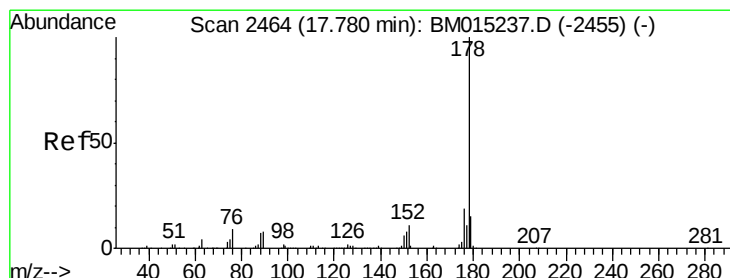
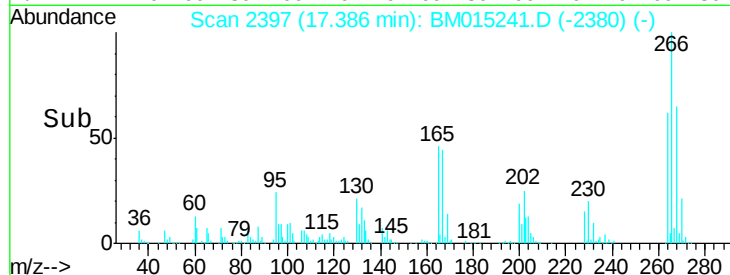
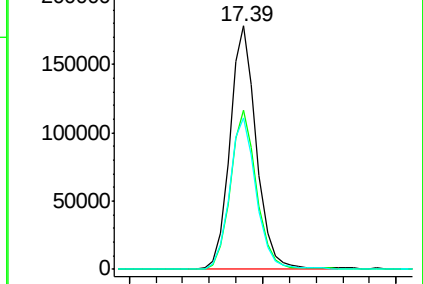
264 62.4 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.935 ng

RT: 17.78 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

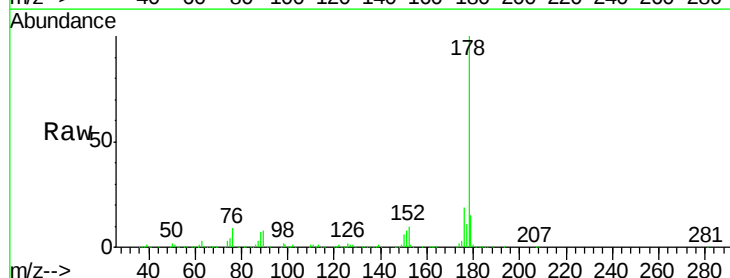
Tgt Ion:178 Resp: 1938193

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

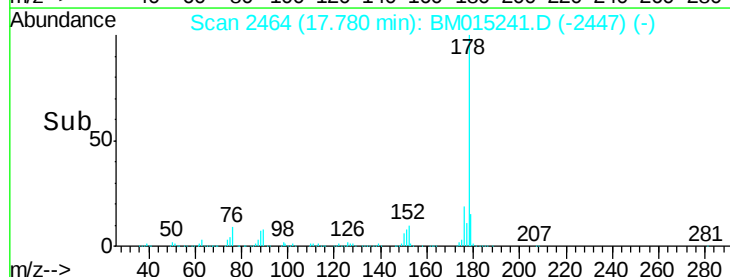
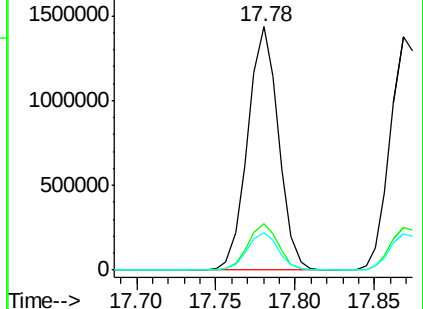
179 15.2 12.1 18.1

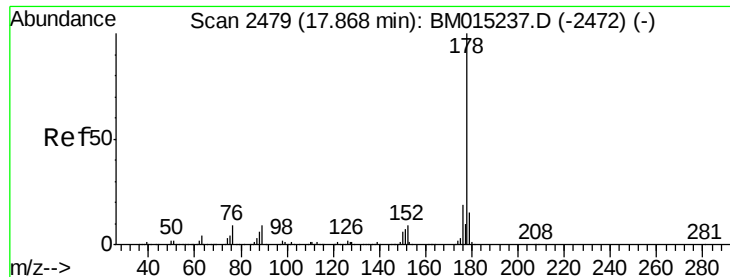


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

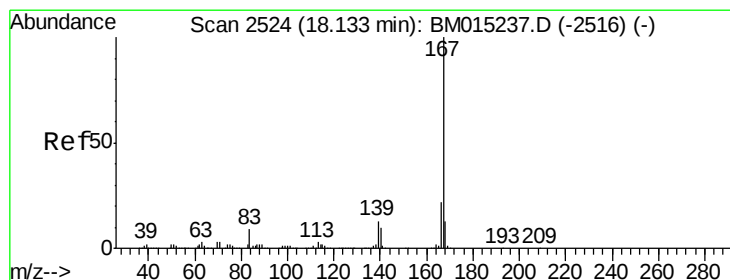
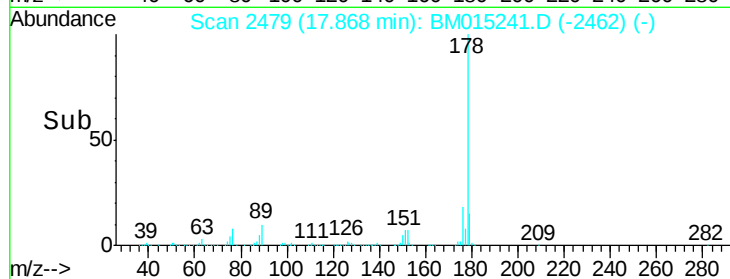
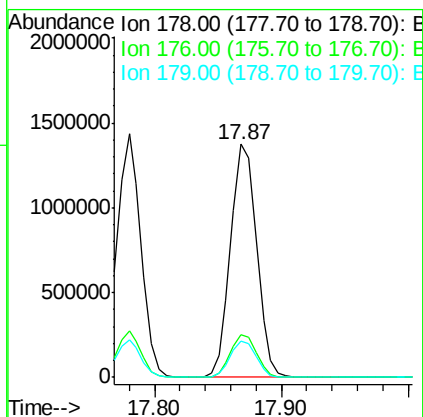
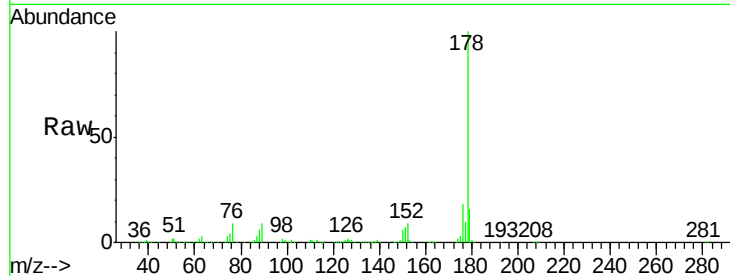




#71  
 Anthracene  
 Concen: 40.497 ng  
 RT: 17.87 min Scan# 2479  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

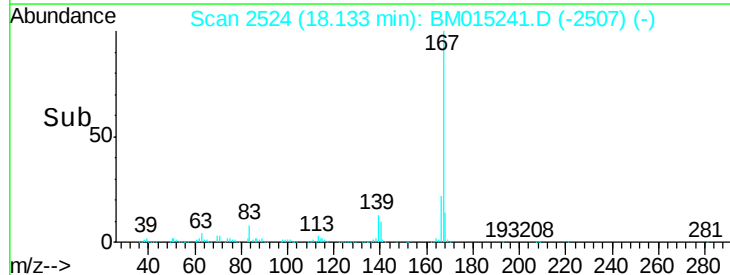
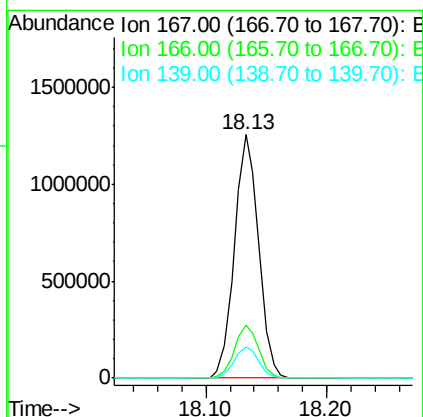
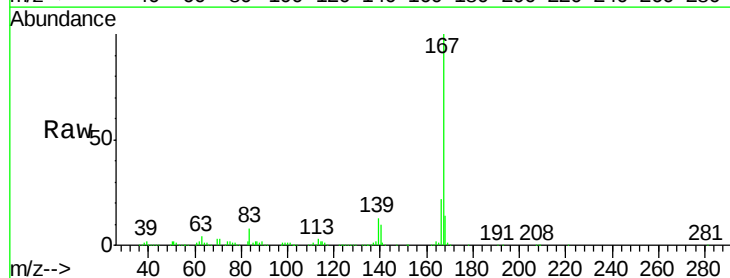
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

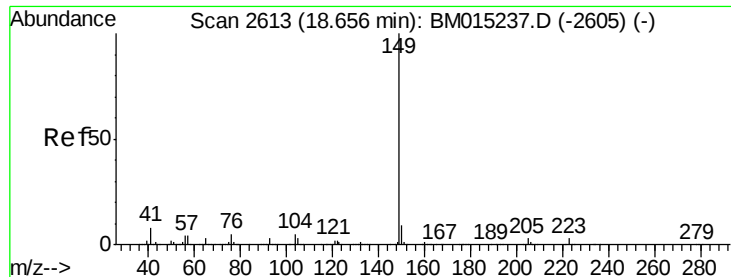
Tgt Ion:178 Resp: 1959232  
 Ion Ratio Lower Upper  
 178 100  
 176 18.4 14.6 22.0  
 179 15.6 12.6 19.0



#72  
 Carbazole  
 Concen: 40.706 ng  
 RT: 18.13 min Scan# 2524  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

Tgt Ion:167 Resp: 1743443  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.2 25.8  
 139 13.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.055 ng

RT: 18.66 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

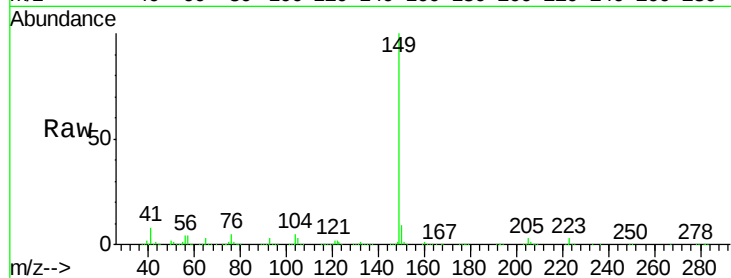
Tgt Ion:149 Resp: 2120719

Ion Ratio Lower Upper

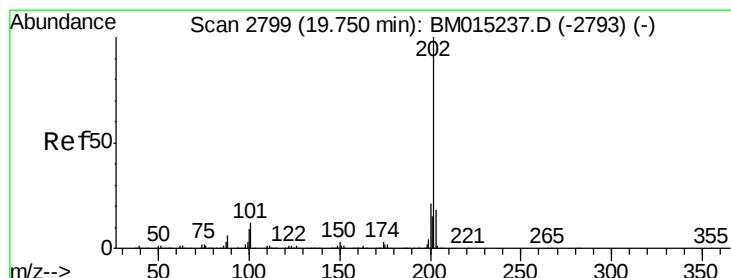
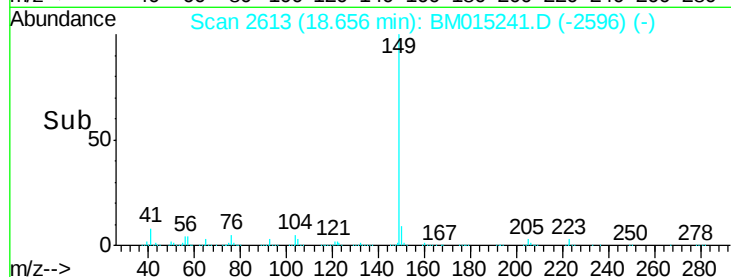
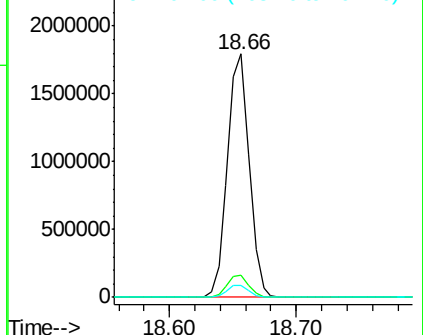
149 100

150 9.1 7.5 11.3

104 5.0 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.612 ng

RT: 19.75 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

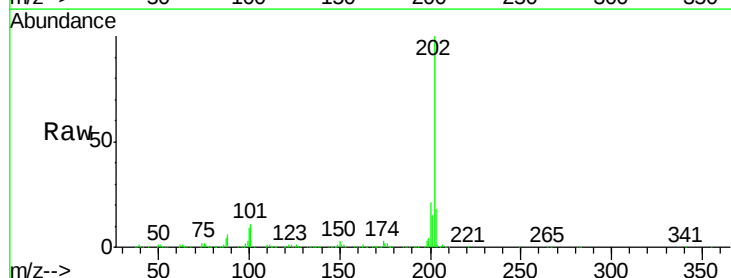
Tgt Ion:202 Resp: 2161743

Ion Ratio Lower Upper

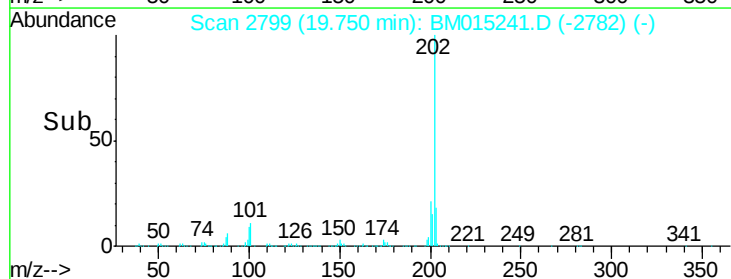
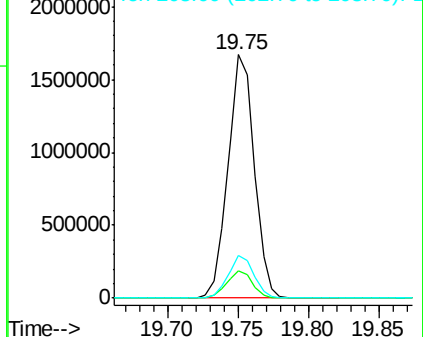
202 100

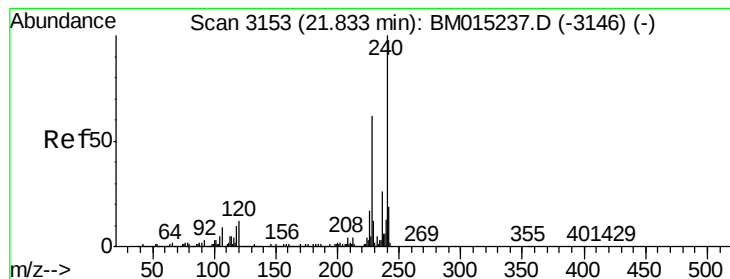
101 11.3 0.0 28.7

203 17.7 0.0 37.2



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

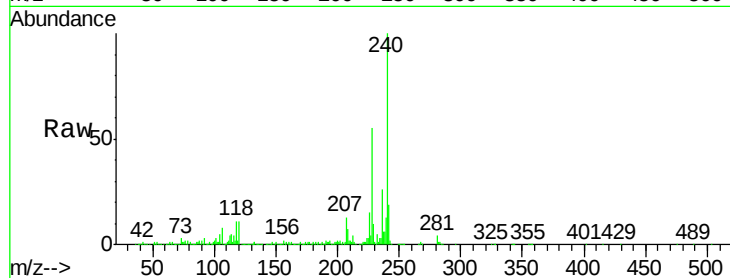
Tgt Ion:240 Resp: 856266

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

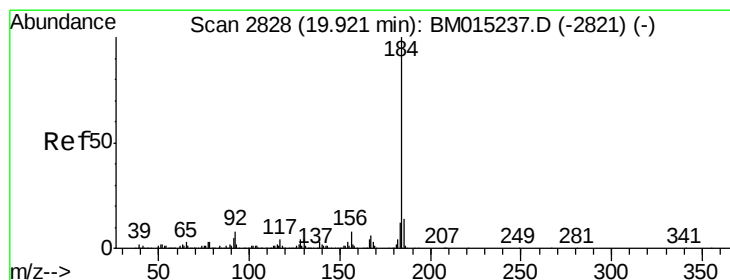
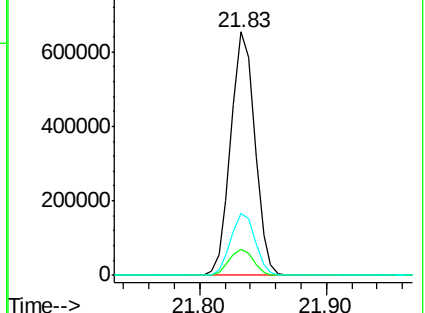
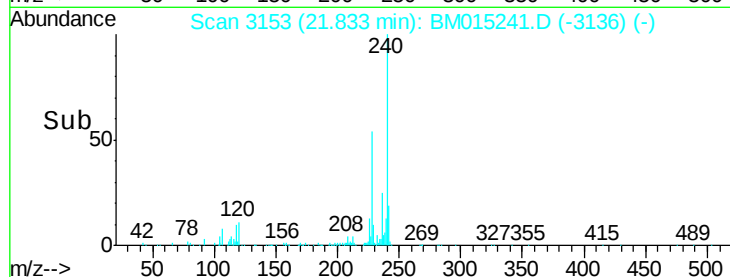
236 25.6 20.0 30.0



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: 44.240 ng

RT: 19.92 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

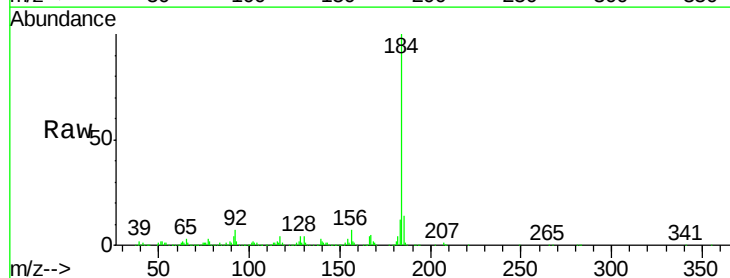
Tgt Ion:184 Resp: 1185886

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

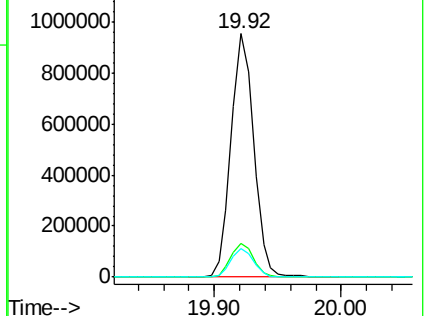
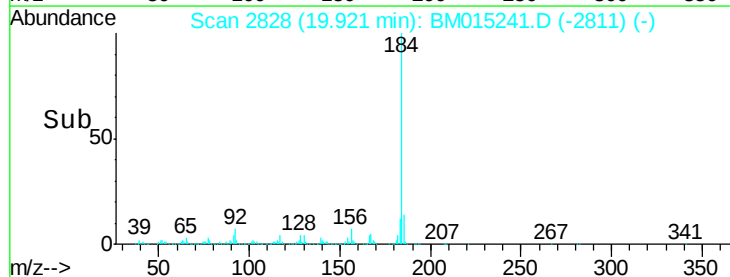
183 11.9 8.9 13.3

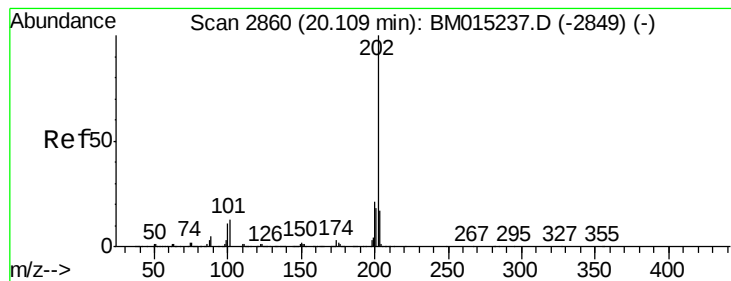


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.573 ng

RT: 20.11 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

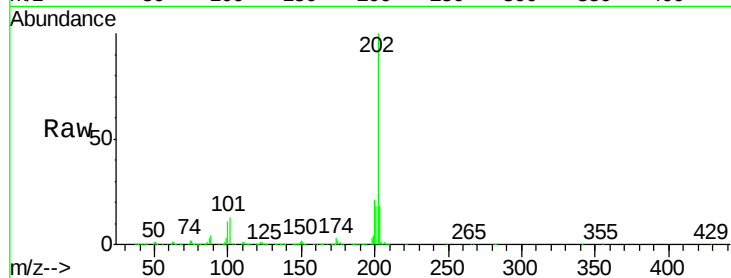
Tgt Ion:202 Resp: 2192655

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

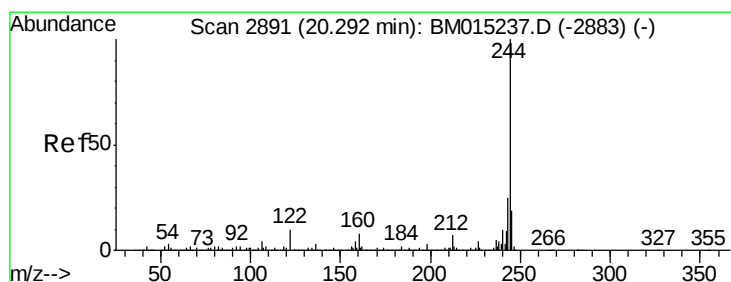
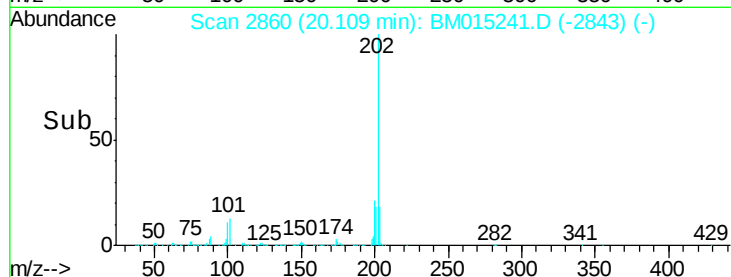
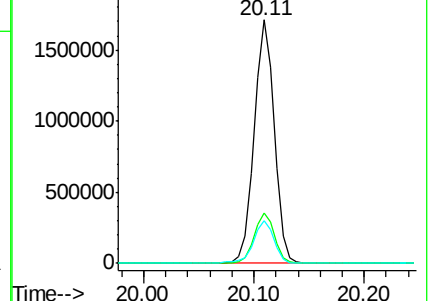
203 17.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.616 ng

RT: 20.29 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

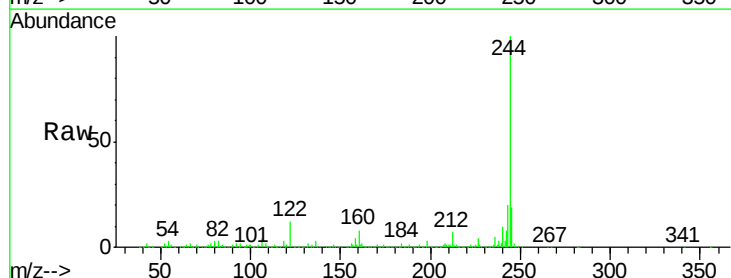
Tgt Ion:244 Resp: 3125983

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

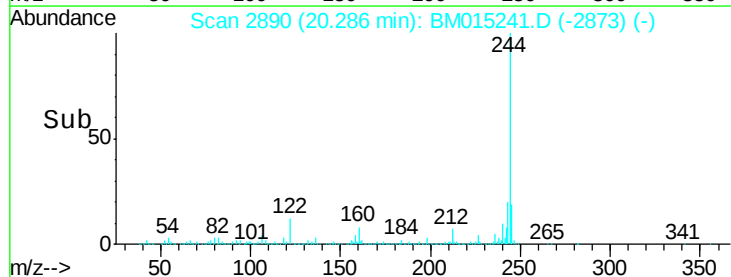
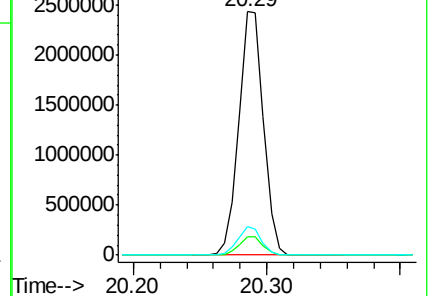
122 11.6 6.2 9.4#

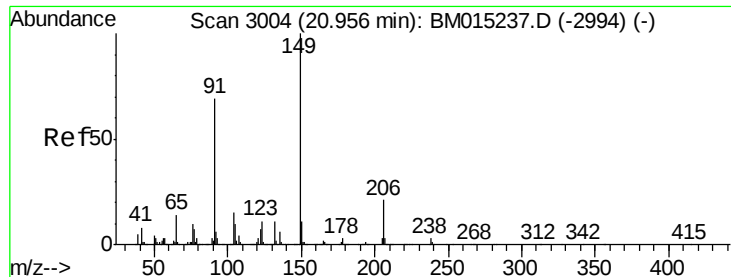


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

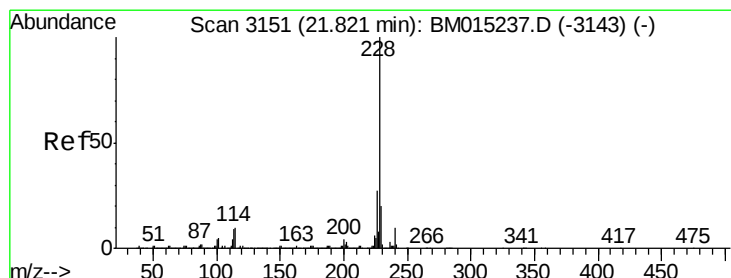
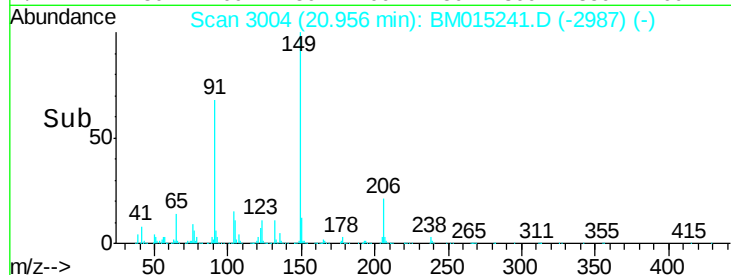
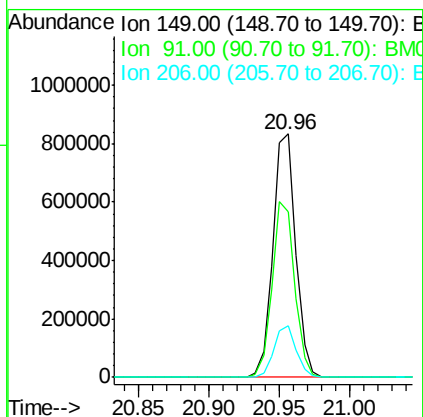
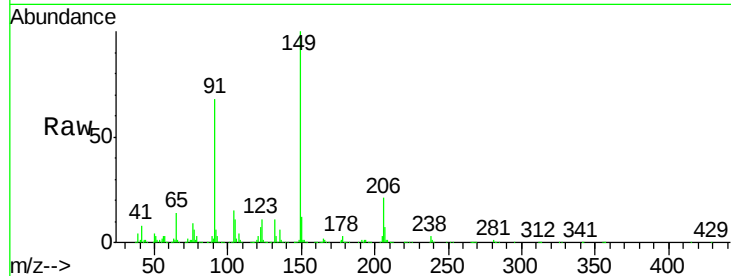




#79  
Butylbenzylphthalate  
Concen: 42.755 ng  
RT: 20.96 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

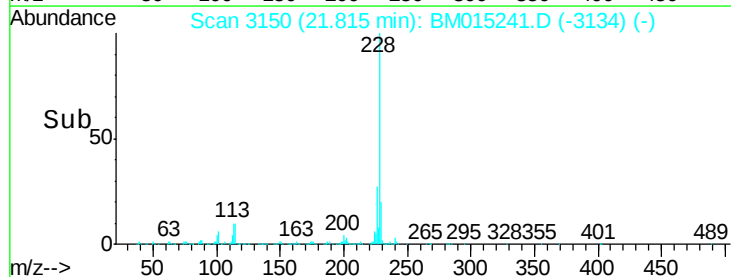
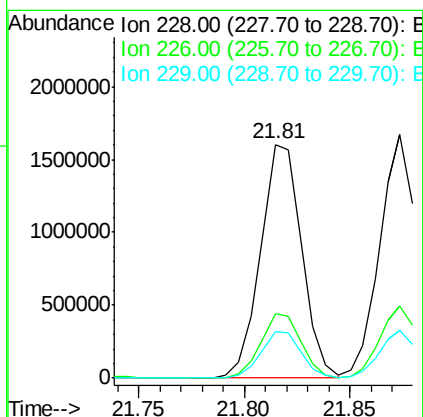
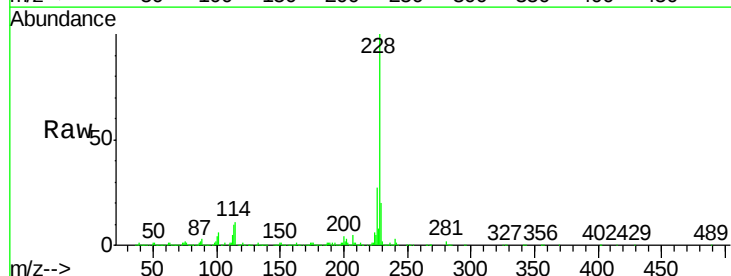
Instrument :  
BNA\_M  
ClientSampleId :  
ICVBM052218

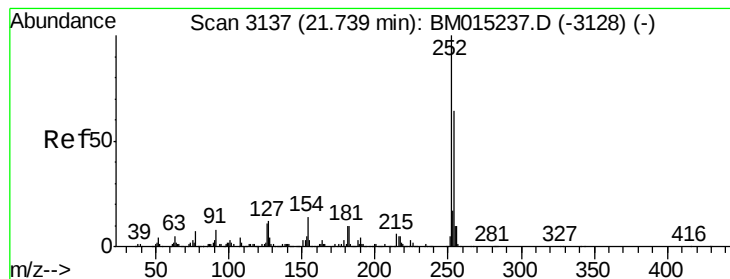
Tgt Ion:149 Resp: 943440  
Ion Ratio Lower Upper  
149 100  
91 67.9 50.1 75.1  
206 21.2 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 40.354 ng  
RT: 21.81 min Scan# 3150  
Delta R.T. -0.01 min  
Lab File: BM015241.D  
Acq: 22 May 2018 15:41

Tgt Ion:228 Resp: 2177404  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.7 32.5  
229 19.8 16.0 24.0

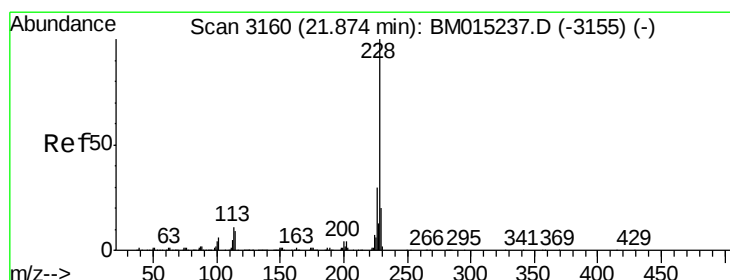
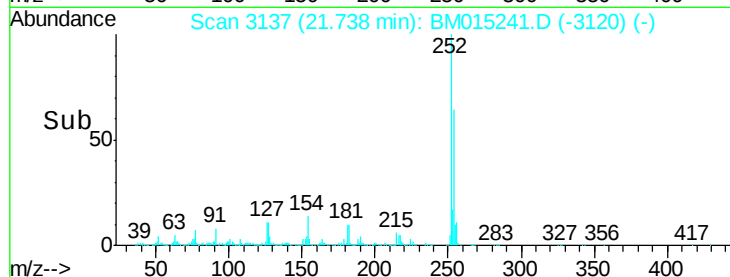
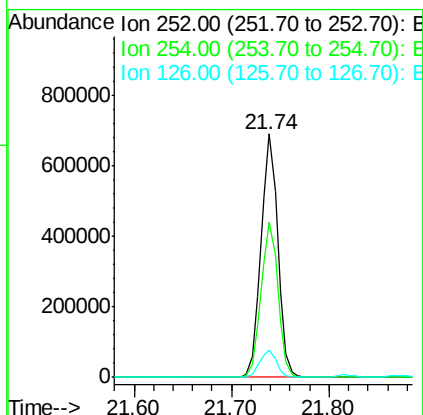
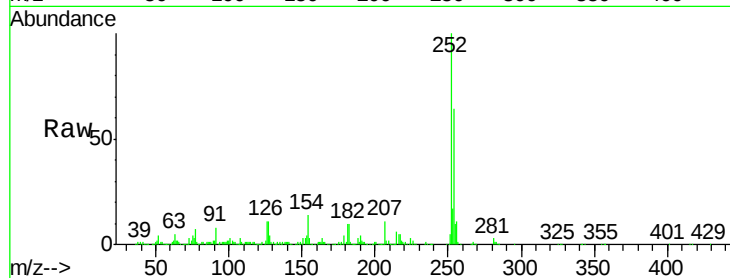




#81  
 3,3'-Dichlorobenzidine  
 Concen: 41.841 ng  
 RT: 21.74 min Scan# 3137  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

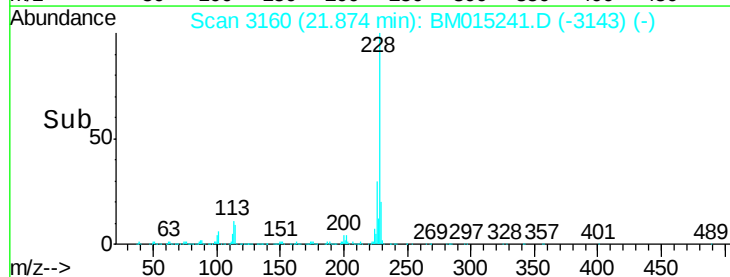
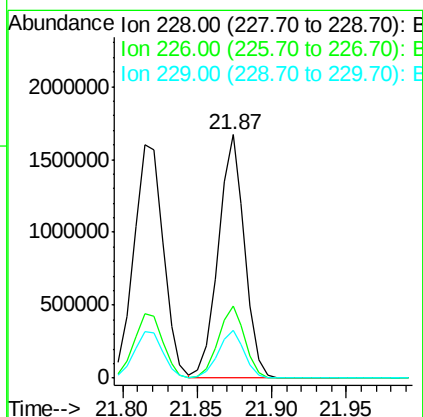
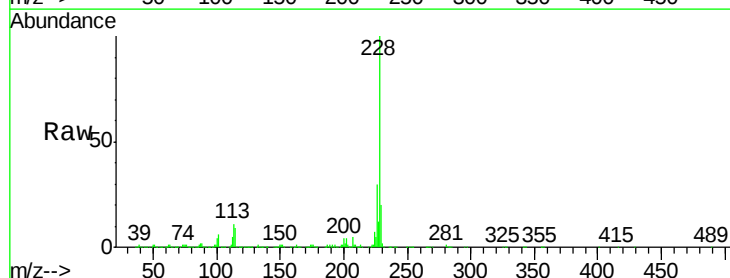
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

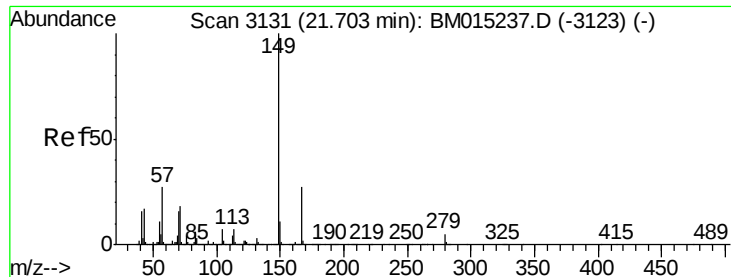
Tgt Ion: 252 Resp: 835964  
 Ion Ratio Lower Upper  
 252 100  
 254 64.0 51.9 77.9  
 126 11.1 9.8 14.8



#82  
 Chrysene  
 Concen: 40.343 ng  
 RT: 21.87 min Scan# 3160  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

Tgt Ion: 228 Resp: 2050220  
 Ion Ratio Lower Upper  
 228 100  
 226 29.6 24.1 36.1  
 229 19.6 15.5 23.3

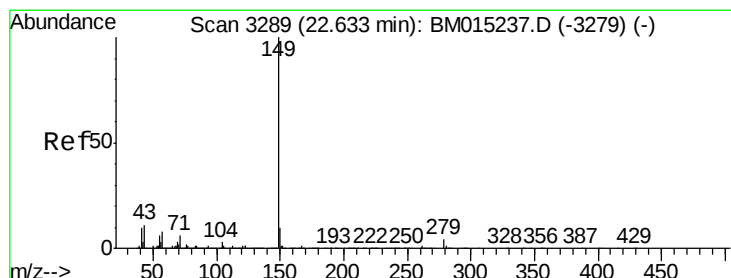
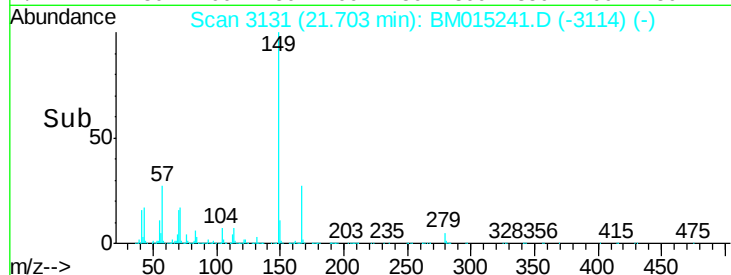
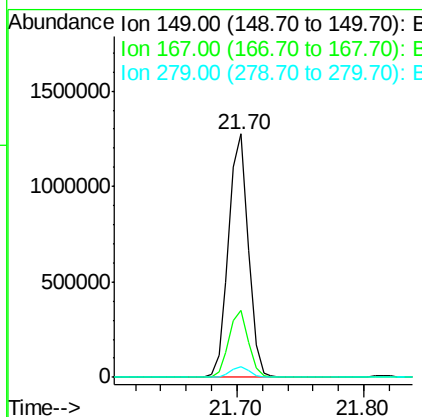
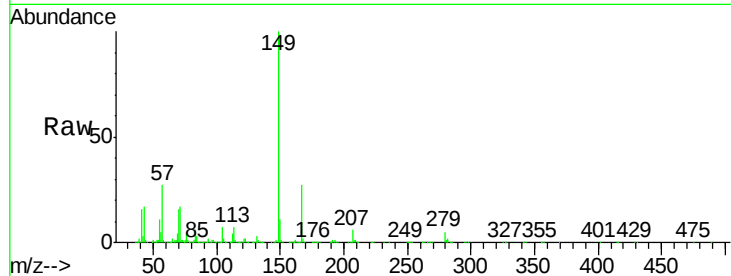




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.754 ng  
 RT: 21.70 min Scan# 3131  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

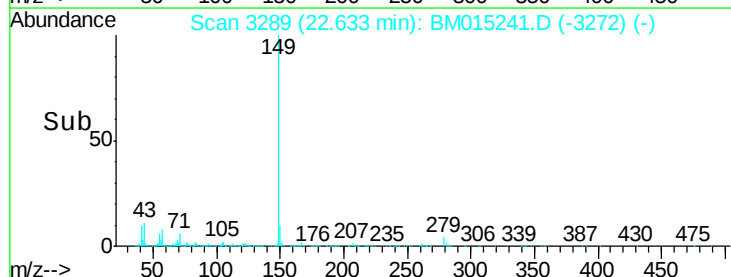
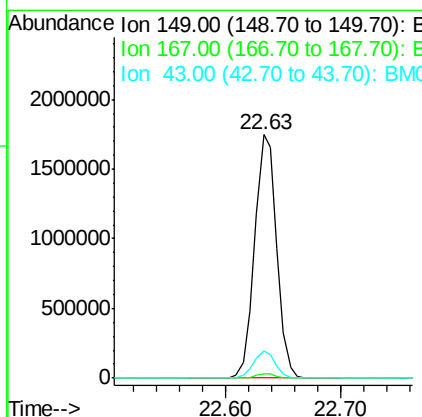
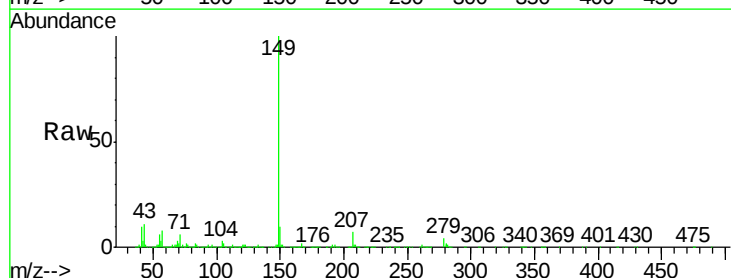
Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICVBM052218

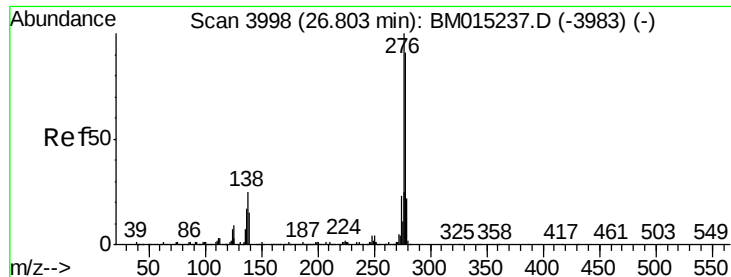
Tgt Ion:149 Resp: 1372204  
 Ion Ratio Lower Upper  
 149 100  
 167 27.5 22.4 33.6  
 279 4.5 3.4 5.0



#84  
 Di-n-octyl phthalate  
 Concen: 41.165 ng  
 RT: 22.63 min Scan# 3289  
 Delta R.T. -0.00 min  
 Lab File: BM015241.D  
 Acq: 22 May 2018 15:41

Tgt Ion:149 Resp: 2310880  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 11.0 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.292 ng

RT: 26.80 min Scan# 3998

Delta R.T. 0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

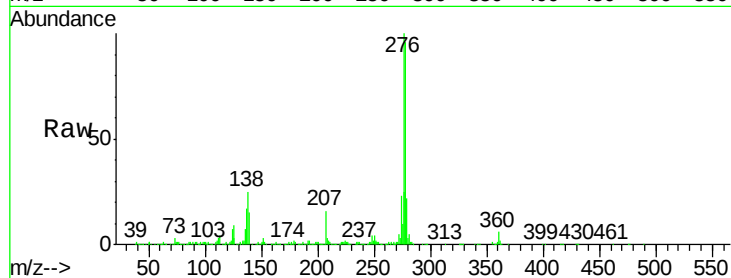
Tgt Ion:276 Resp: 2538742

Ion Ratio Lower Upper

276 100

138 25.2 12.0 18.0#

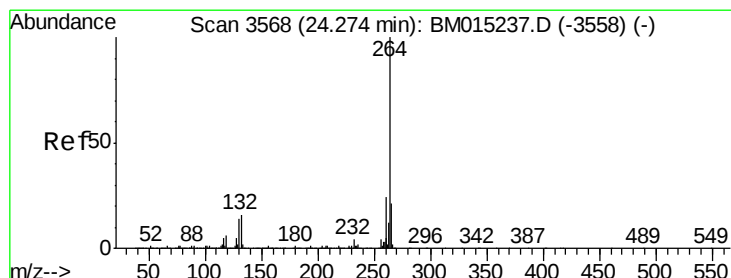
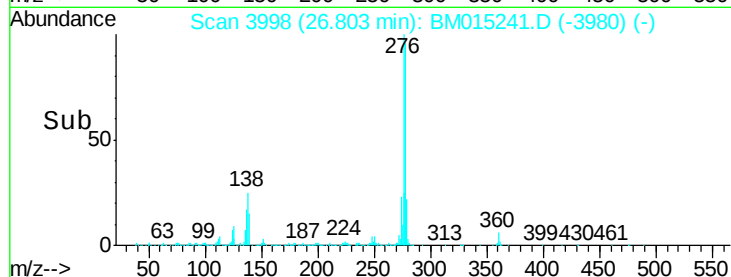
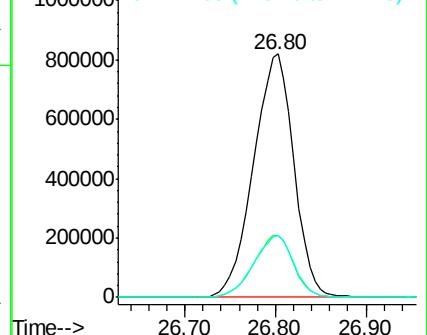
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.27 min Scan# 3568

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

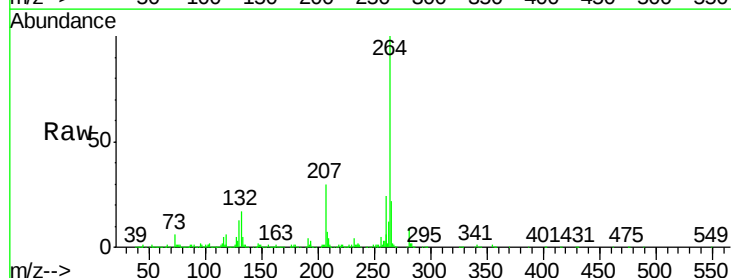
Tgt Ion:264 Resp: 873322

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

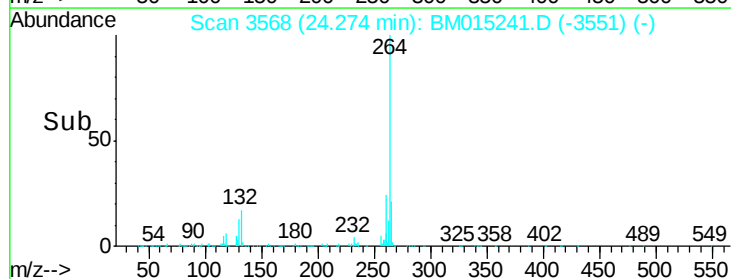
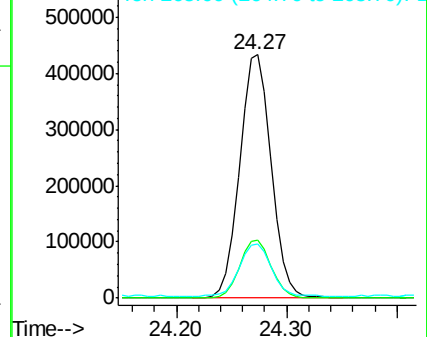
265 22.4 17.3 25.9

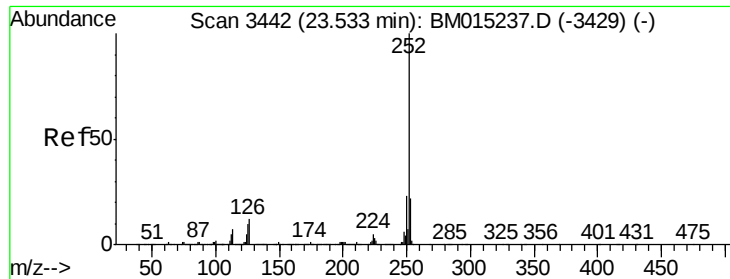


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.271 ng

RT: 23.53 min Scan# 3441

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

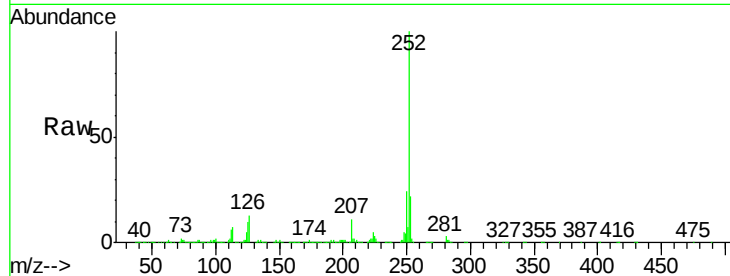
Tgt Ion:252 Resp: 2280516

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

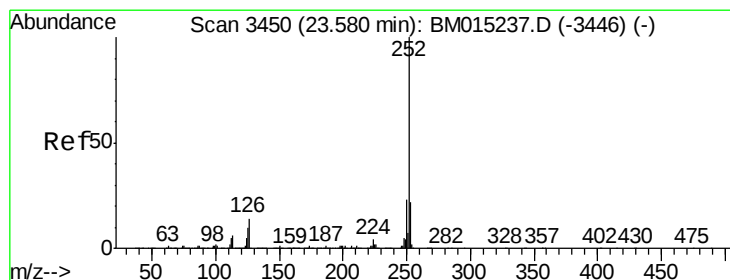
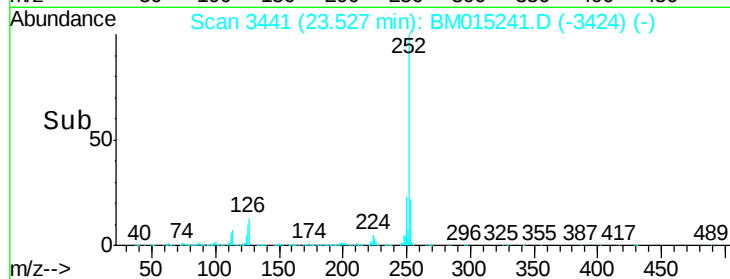
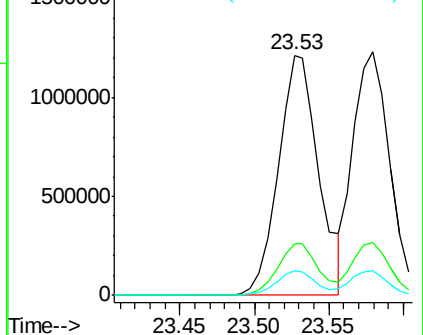
125 10.2 9.9 14.9



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



#88

Benzo(k)fluoranthene

Concen: 39.694 ng

RT: 23.58 min Scan# 3450

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

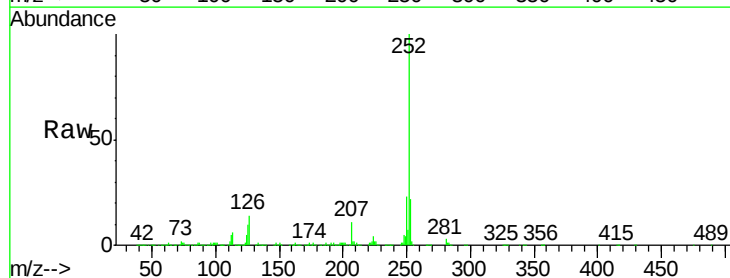
Tgt Ion:252 Resp: 2074722

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

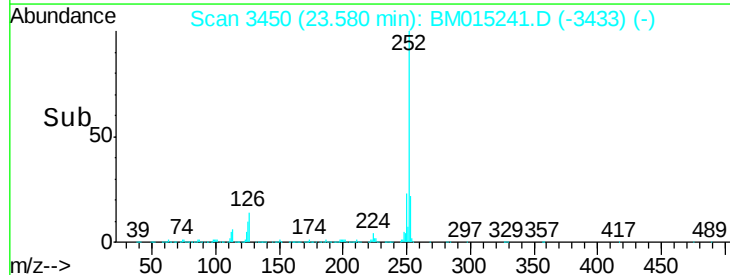
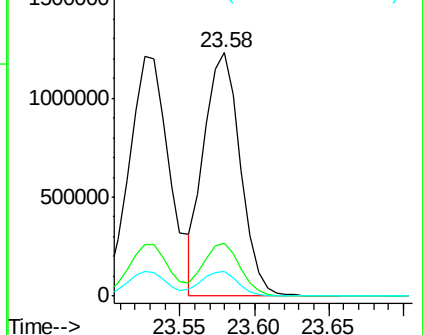
125 9.9 8.1 12.1

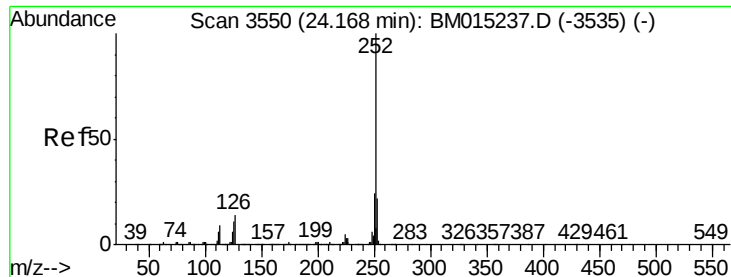


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.839 ng

RT: 24.17 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

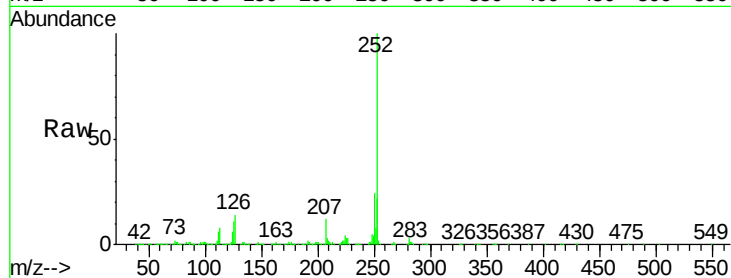
Tgt Ion:252 Resp: 2104904

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

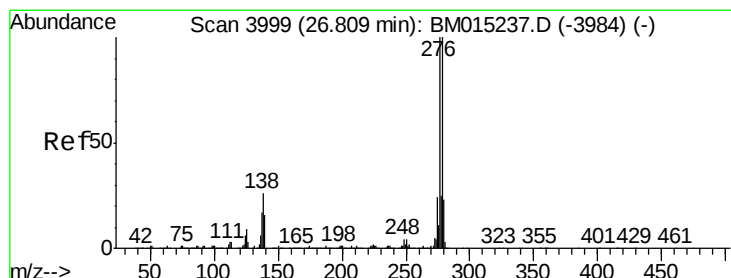
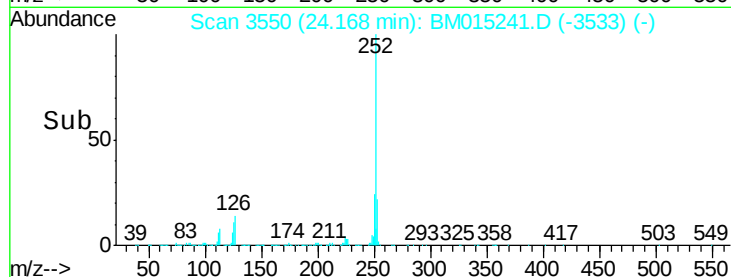
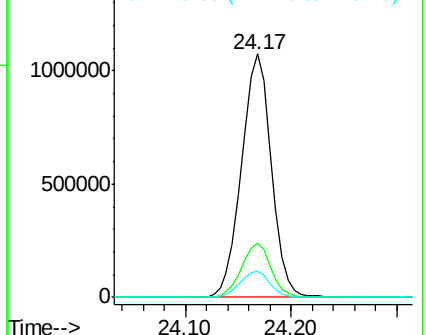
125 10.9 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.808 ng

RT: 26.80 min Scan# 3998

Delta R.T. -0.00 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

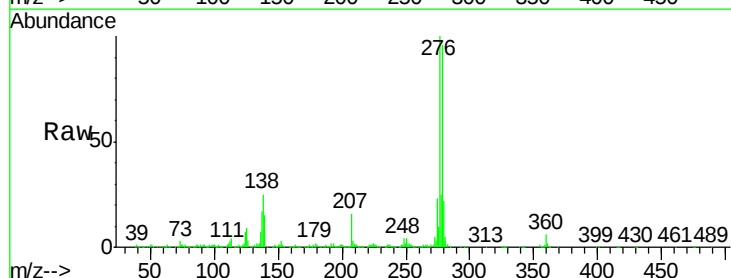
Tgt Ion:278 Resp: 2145807

Ion Ratio Lower Upper

278 100

139 16.1 13.4 20.0

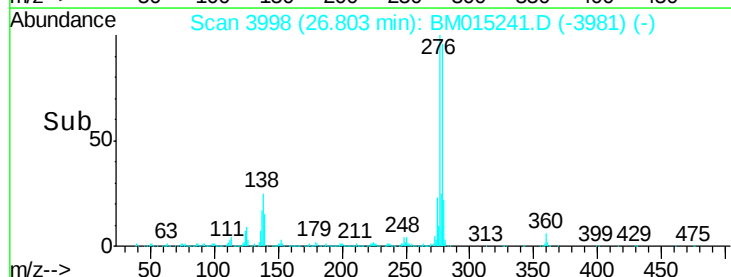
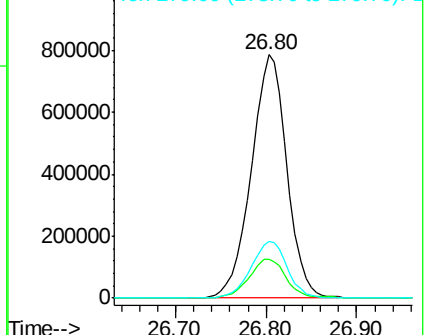
279 23.4 19.0 28.4

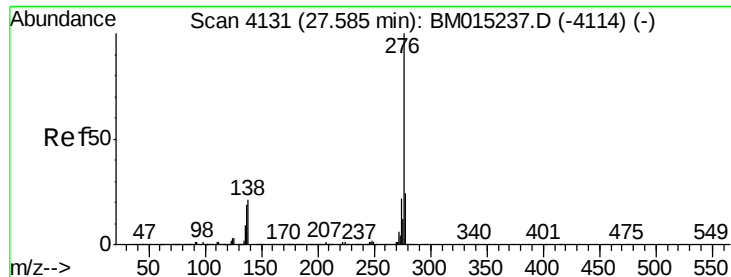


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.708 ng

RT: 27.58 min Scan# 4130

Delta R.T. 0.01 min

Lab File: BM015241.D

Acq: 22 May 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

ICVBM052218

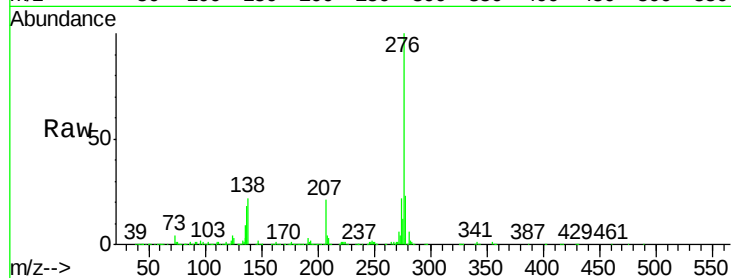
Tgt Ion:276 Resp: 2084854

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 21.6 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

