

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071019\  
 Data File : BM021419.D  
 Acq On : 10 Jul 2019 22:20  
 Operator : HP/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 11 00:56:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 08 17:45:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 166442   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.52 | 136  | 645046   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.38 | 164  | 383971   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.13 | 188  | 894092   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.32 | 240  | 908959   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.58 | 264  | 1006760  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 25678   | 7.60  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.91  | 99  | 265154  | 20.49 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.08  | 67  | 158179  | 20.61 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.27  | 132 | 225821  | 20.27 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.45  | 113 | 210396  | 20.41 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.90  | 128 | 105673  | 19.89 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.61  | 143 | 118369  | 19.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 241550  | 20.16 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.67 | 131 | 249628  | 23.04 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 679416  | 20.20 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.07 | 160 | 858961  | 20.34 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.60 | 143 | 101660  | 19.08 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.37 | 176 | 609071  | 20.29 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 105383  | 17.53 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.23 | 188 | 940864  | 20.26 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.53 | 212 | 1037135 | 20.79 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.44 | 264 | 1204241 | 20.80 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        | Ovalue |           |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.30  | 88  | 27244  | 7.672  | ng/uL# 93 |
| 4) Benzaldehyde                | 6.89  | 77  | 124840 | 17.868 | ng/ul 97  |
| 6) Phenol                      | 6.94  | 94  | 250304 | 20.207 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.17  | 93  | 193446 | 20.198 | ng/ul 97  |
| 10) 2-Chlorophenol             | 7.30  | 128 | 213543 | 19.947 | ng/ul 98  |
| 11) 2-Methylphenol             | 8.18  | 108 | 187879 | 19.905 | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.25  | 45  | 117875 | 10.093 | ng/ul 98  |
| 14) Acetophenone               | 8.56  | 105 | 311370 | 20.054 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.54  | 70  | 153802 | 19.755 | ng/ul 97  |
| 16) 4-Methylphenol             | 8.51  | 108 | 202350 | 20.220 | ng/ul 96  |
| 17) Hexachloroethane           | 8.80  | 117 | 93256  | 19.922 | ng/ul 97  |
| 20) Nitrobenzene               | 8.94  | 77  | 234839 | 19.733 | ng/ul 96  |
| 21) Isophorone                 | 9.46  | 82  | 419331 | 19.879 | ng/ul 100 |
| 23) 2-Nitrophenol              | 9.65  | 139 | 118114 | 19.741 | ng/ul 96  |
| 24) 2,4-Dimethylphenol         | 9.70  | 107 | 232282 | 19.954 | ng/ul 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.94  | 93  | 260010 | 19.761 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.17 | 162 | 217281 | 19.823 | ng/ul 99  |
| 28) Naphthalene                | 10.57 | 128 | 673384 | 20.059 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.69 | 127 | 236026 | 22.792 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.84 | 225 | 159831 | 19.730 | ng/ul 99  |
| 32) Caprolactam                | 11.50 | 113 | 49798  | 17.409 | ng/ul 93  |
| 33) 4-Chloro-3-methylphenol    | 11.82 | 107 | 203377 | 19.933 | ng/ul 98  |
| 34) 2-Methylnaphthalene        | 12.19 | 142 | 492023 | 19.884 | ng/ul 99  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071019\  
 Data File : BM021419.D  
 Acq On : 10 Jul 2019 22:20  
 Operator : HP/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 11 00:56:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 08 17:45:45 2019  
 Response via : Initial Calibration

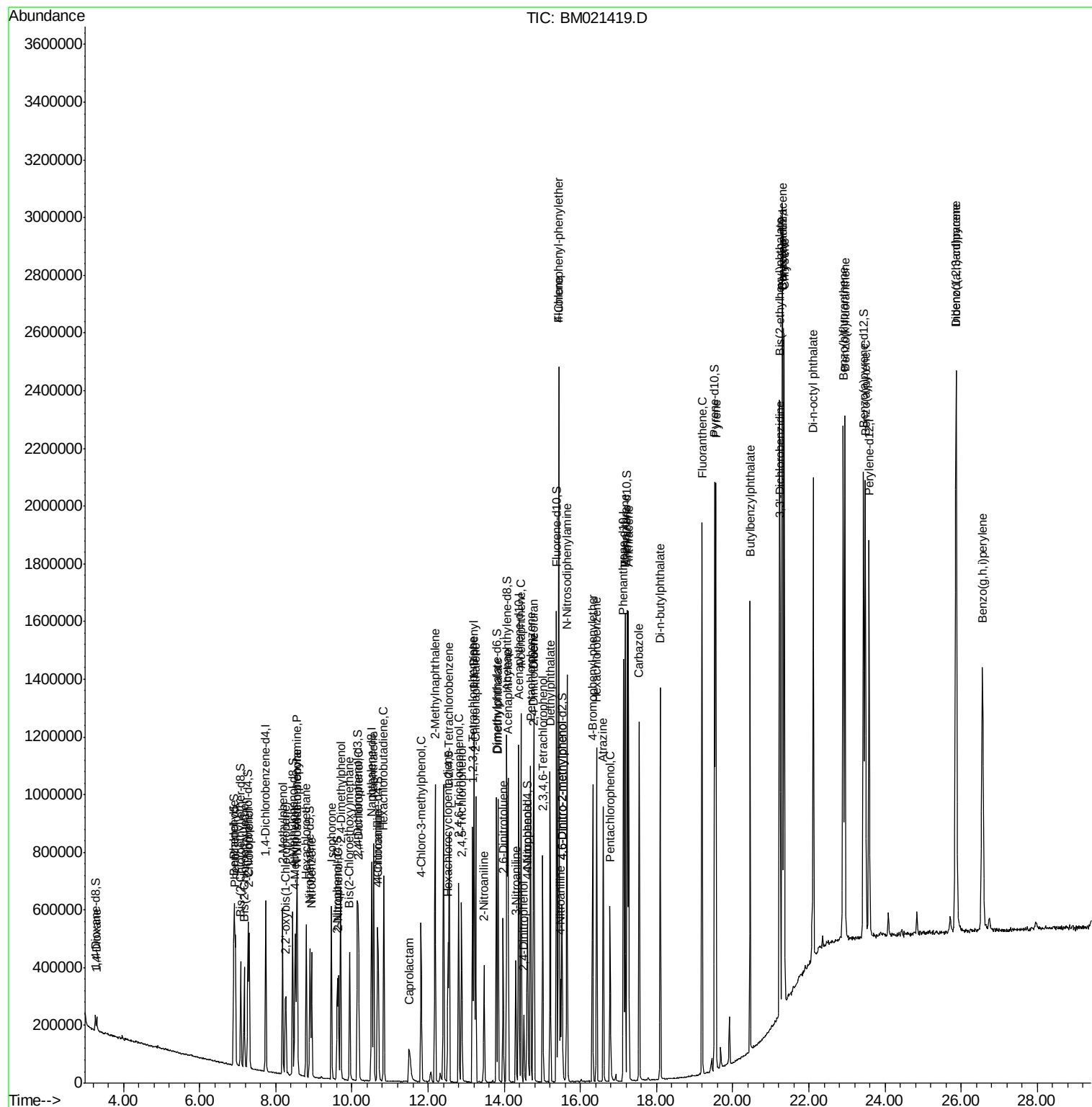
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.56 | 216  | 294578   | 19.727 | ng/ul | 99       |
| 37) Hexachlorocyclopentadiene  | 12.52 | 237  | 135478   | 17.834 | ng/ul | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.80 | 196  | 176777   | 19.892 | ng/ul | 95       |
| 39) 2,4,5-Trichlorophenol      | 12.88 | 196  | 184946   | 19.635 | ng/ul | 98       |
| 40) 1,1'-Biphenyl              | 13.20 | 154  | 644431   | 20.053 | ng/ul | 99       |
| 41) 2-Chloronaphthalene        | 13.25 | 162  | 520070   | 20.193 | ng/ul | 99       |
| 42) 2-Nitroaniline             | 13.47 | 65   | 108897   | 19.350 | ng/ul | 94       |
| 44) Dimethylphthalate          | 13.84 | 163  | 627989   | 20.054 | ng/ul | 99       |
| 45) 2,6-Dinitrotoluene         | 13.97 | 165  | 113431   | 19.892 | ng/ul | 96       |
| 47) Acenaphthylene             | 14.10 | 152  | 739269   | 20.125 | ng/ul | 99       |
| 48) 3-Nitroaniline             | 14.30 | 138  | 98277    | 19.159 | ng/ul | 99       |
| 49) Acenaphthene               | 14.44 | 153  | 535496   | 20.062 | ng/ul | 99       |
| 50) 2,4-Dinitrophenol          | 14.52 | 184  | 55745    | 16.255 | ng/ul | 99       |
| 52) 4-Nitrophenol              | 14.62 | 109  | 76377    | 19.241 | ng/ul | 100      |
| 53) Dibenzofuran               | 14.78 | 168  | 771308   | 19.947 | ng/ul | 99       |
| 54) 2,4-Dinitrotoluene         | 14.76 | 165  | 174555   | 19.959 | ng/ul | 98       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.01 | 232  | 165591   | 19.725 | ng/ul | 99       |
| 56) Diethylphthalate           | 15.21 | 149  | 601407   | 20.004 | ng/ul | 100      |
| 58) Fluorene                   | 15.43 | 166  | 623827   | 19.941 | ng/ul | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.43 | 204  | 345223   | 19.746 | ng/ul | 99       |
| 60) 4-Nitroaniline             | 15.47 | 138  | 93212    | 17.698 | ng/ul | 96       |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 198  | 107316   | 17.948 | ng/ul | 98       |
| 64) N-Nitrosodiphenylamine     | 15.64 | 169  | 529565   | 19.910 | ng/ul | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.32 | 248  | 218999   | 19.797 | ng/ul | 98       |
| 66) Hexachlorobenzene          | 16.43 | 284  | 259610   | 19.739 | ng/ul | 99       |
| 67) Atrazine                   | 16.60 | 200  | 188349   | 19.168 | ng/ul | 99       |
| 68) Pentachlorophenol          | 16.78 | 266  | 129503   | 18.680 | ng/ul | 98       |
| 69) Phenanthrene               | 17.17 | 178  | 995119   | 19.739 | ng/ul | 99       |
| 71) Anthracene                 | 17.26 | 178  | 1017085  | 19.822 | ng/ul | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.17 | 216  | 291269   | 19.873 | ng/ul | 99       |
| 73) Pentachlorobenzene         | 14.69 | 250  | 299782   | 19.855 | ng/ul | 100      |
| 74) Carbazole                  | 17.54 | 167  | 849630   | 19.949 | ng/ul | 100      |
| 75) Di-n-butylphthalate        | 18.10 | 149  | 965399   | 19.785 | ng/ul | 99       |
| 76) Fluoranthene               | 19.19 | 202  | 1178726  | 19.690 | ng/ul | 100      |
| 79) Pvrene                     | 19.56 | 202  | 1223655  | 20.341 | ng/ul | 100      |
| 80) Butylbenzylphthalate       | 20.46 | 149  | 430601   | 20.207 | ng/ul | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.24 | 252  | 407438   | 20.160 | ng/ul | 99       |
| 82) Benzo(a)anthracene         | 21.30 | 228  | 1242302  | 19.957 | ng/ul | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.23 | 149  | 632382   | 20.175 | ng/ul | 100      |
| 84) Chrysene                   | 21.36 | 228  | 1197334  | 20.461 | ng/ul | 100      |
| 86) Di-n-octyl phthalate       | 22.11 | 149  | 1091407  | 20.068 | ng/ul | 100      |
| 87) Benzo(b)fluoranthene       | 22.90 | 252  | 1269459  | 20.234 | ng/ul | 99       |
| 88) Benzo(k)fluoranthene       | 22.94 | 252  | 1265731  | 20.255 | ng/ul | 99       |
| 90) Benzo(a)pyrene             | 23.49 | 252  | 1227455  | 20.256 | ng/ul | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.86 | 276  | 1514209  | 20.229 | ng/ul | 99       |
| 92) Dibenzo(a,h)anthracene     | 25.87 | 278  | 1261752  | 20.051 | ng/ul | 99       |
| 93) Benzo(g,h,i)perylene       | 26.56 | 276  | 1244709  | 20.155 | ng/ul | 99       |

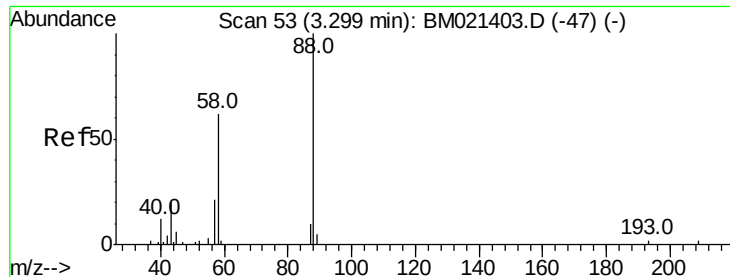
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071019\  
 Data File : BM021419.D  
 Acq On : 10 Jul 2019 22:20  
 Operator : HP/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :

Quant Time: Jul 11 00:56:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 08 17:45:45 2019  
 Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.672 ng/uL

RT: 3.30 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampled :

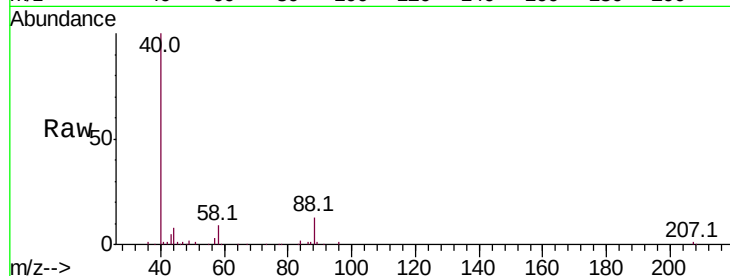
Tot Ion: 88 Resp: 27244

Ion Ratio Lower Upper

88 100

43 35.3 23.4 35.2#

58 67.7 50.6 75.8

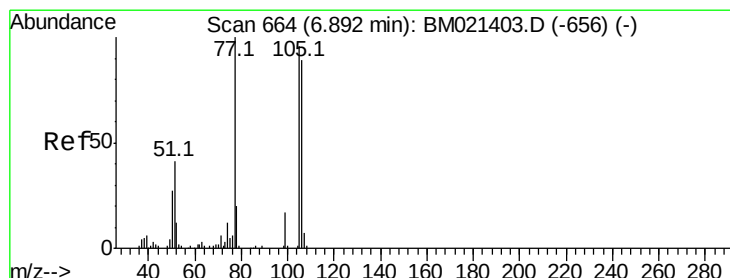
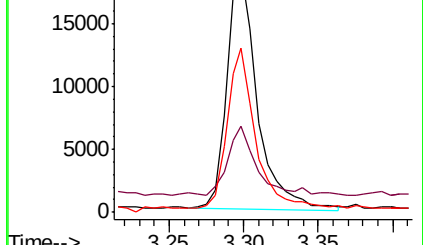
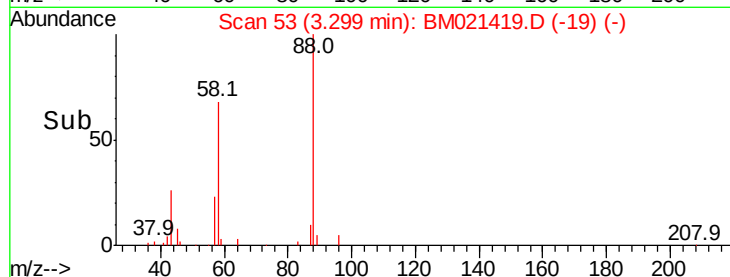


Abundance Ion 88.00 (87.70 to 88.70): BM021419.D (-630) (-)

Ion 43.00 (42.70 to 43.70): BM021419.D (-630) (-)

Ion 58.00 (57.70 to 58.70): BM021419.D (-630) (-)

Time-->



#4

Benzaldehyde

Concen: 17.868 ng/uL

RT: 6.89 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

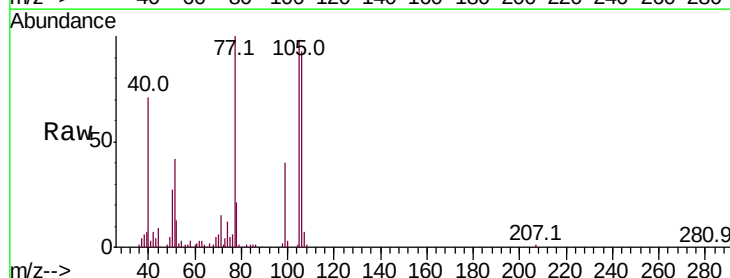
Tgt Ion: 77 Resp: 124840

Ion Ratio Lower Upper

77 100

105 98.0 76.8 115.2

106 93.2 71.4 107.2

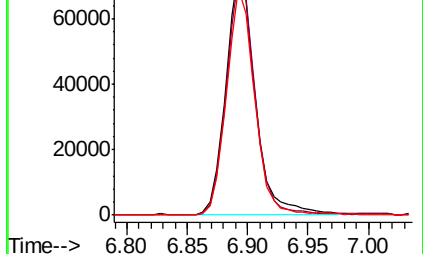
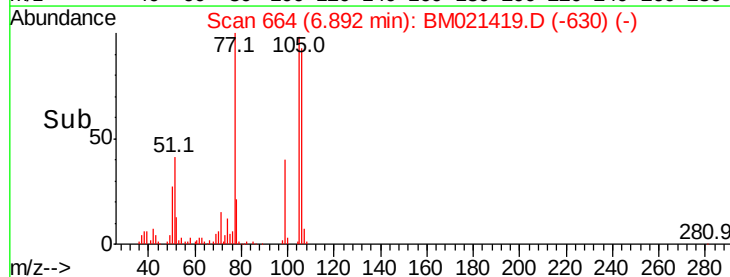


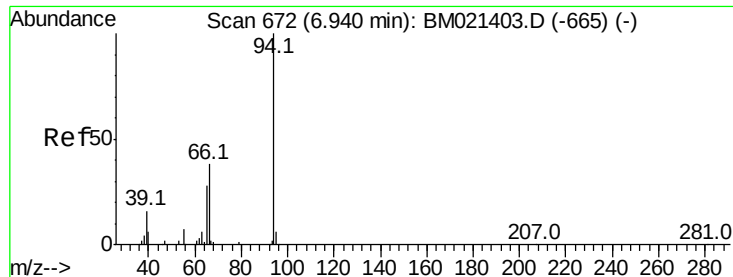
Abundance Ion 77.00 (76.70 to 77.70): BM021419.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM021419.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM021419.D (-630) (-)

Time-->





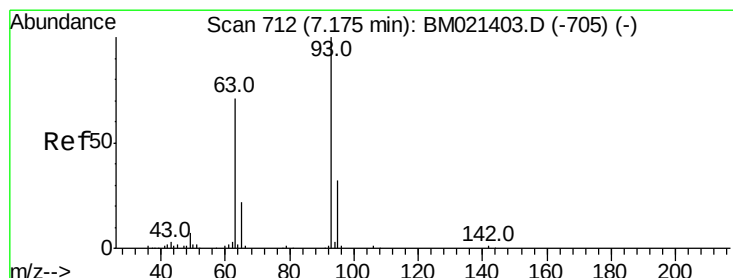
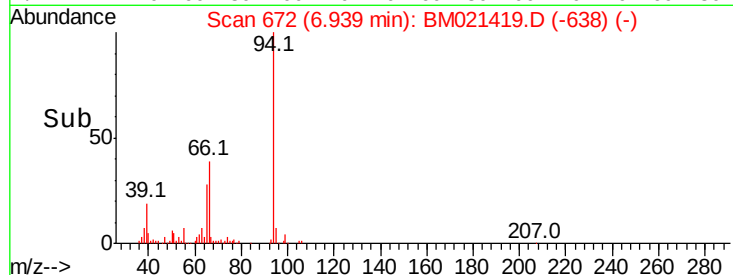
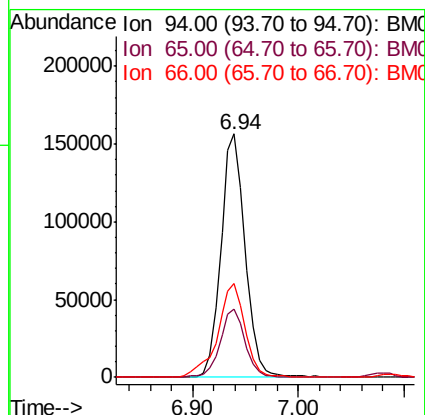
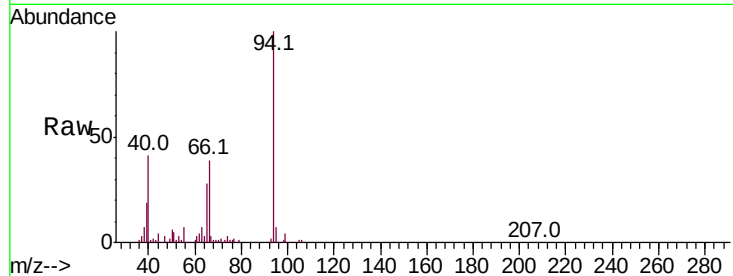
#6

Phenol

Concen: 20.207 ng/ul  
 RT: 6.94 min Scan# 672  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion   | 94    | Resp  | 250304 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 28.2  | 23.0  | 34.6   |
| 66        | 38.7  | 31.6  | 47.4   |

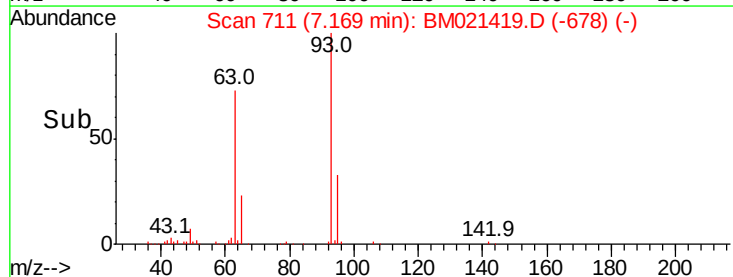
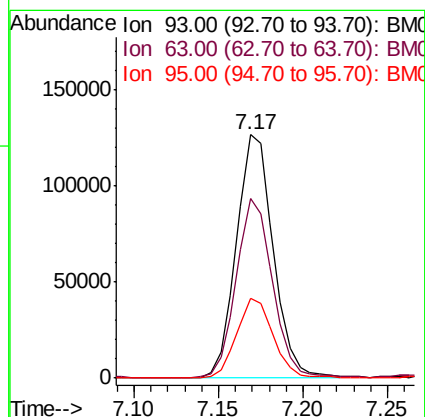
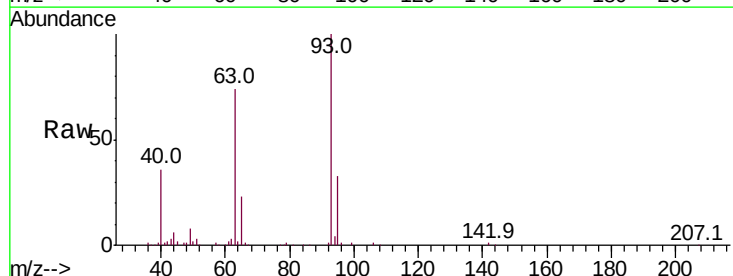


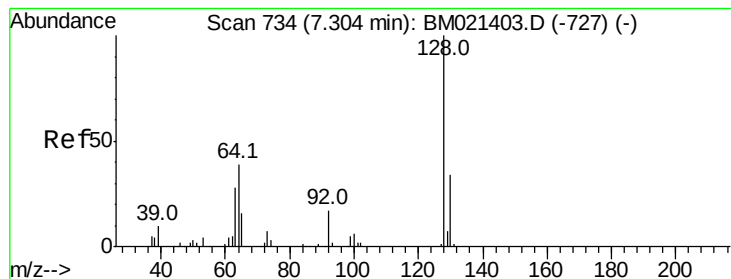
#8

Bis(2-Chloroethyl)ether

Concen: 20.198 ng/ul  
 RT: 7.17 min Scan# 711  
 Delta R.T. -0.01 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

| Tgt Ion   | 93    | Resp  | 193446 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 73.6  | 56.6  | 85.0   |
| 95        | 32.8  | 25.8  | 38.6   |





#10

2-Chlorophenol

Concen: 19.947 ng/ul

RT: 7.30 min Scan# 733

Delta R.T. -0.01 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

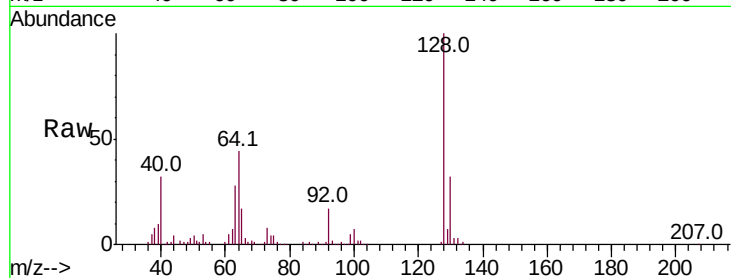
Tot Ion:128 Resp: 213543

Ion Ratio Lower Upper

128 100

64 43.6 34.4 51.6

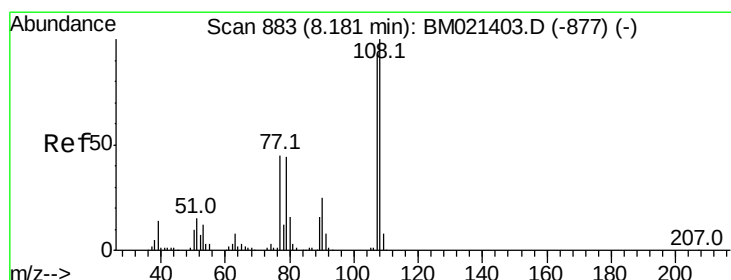
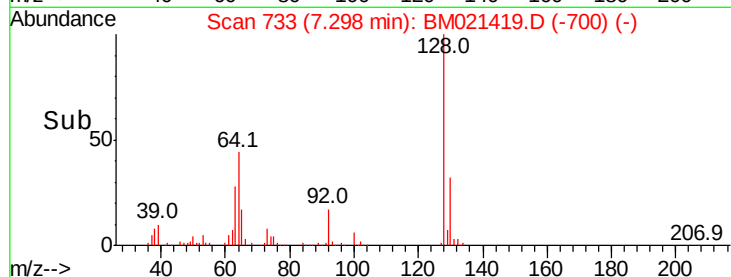
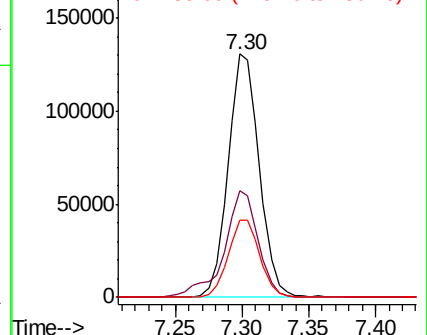
130 31.9 26.9 40.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.905 ng/ul

RT: 8.18 min Scan# 883

Delta R.T. -0.00 min

Lab File: BM021419.D

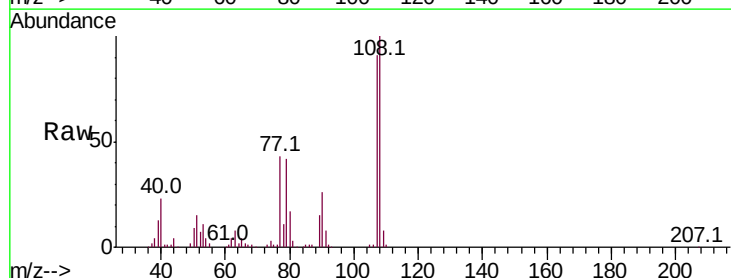
Acq: 10 Jul 2019 22:20

Tgt Ion:108 Resp: 187879

Ion Ratio Lower Upper

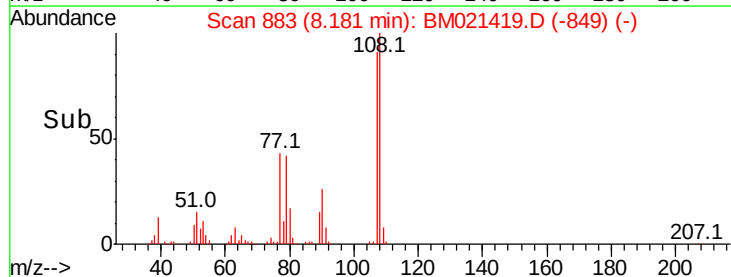
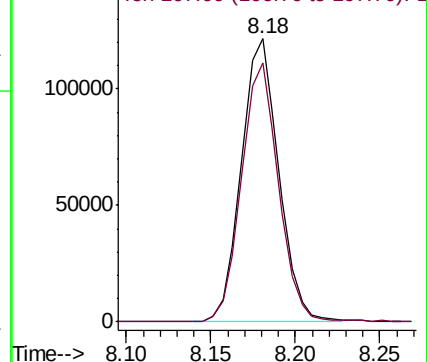
108 100

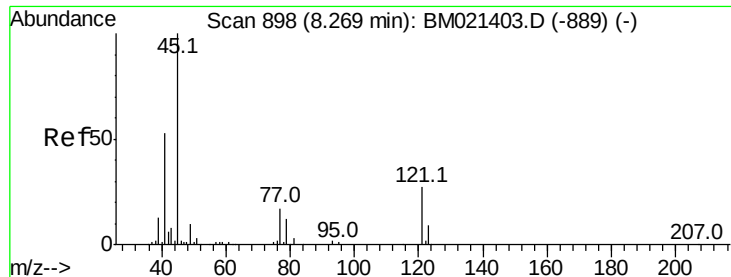
107 91.4 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

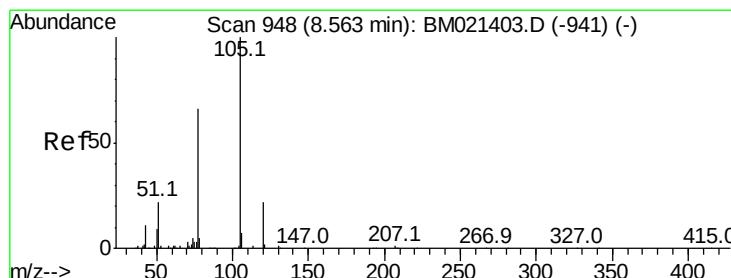
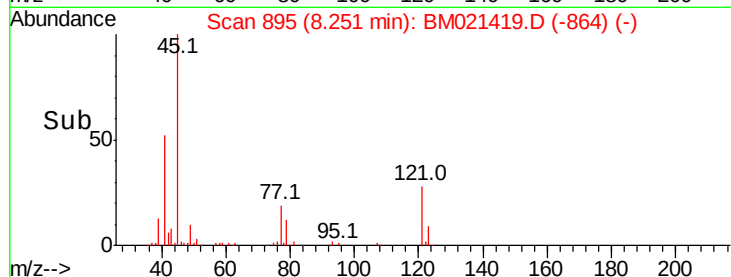
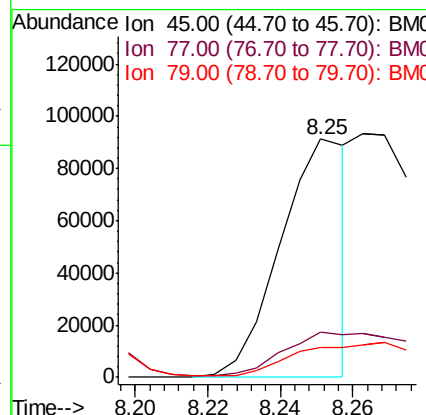
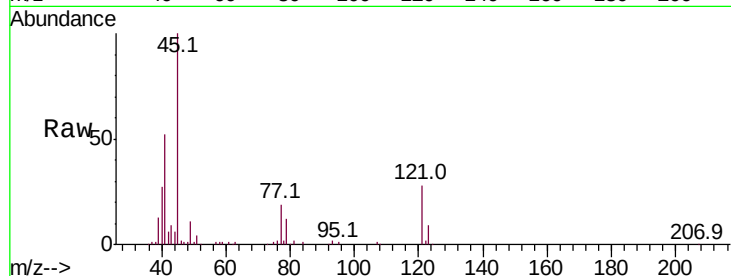




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.093 ng/ul  
RT: 8.25 min Scan# 895  
Delta R.T. -0.02 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

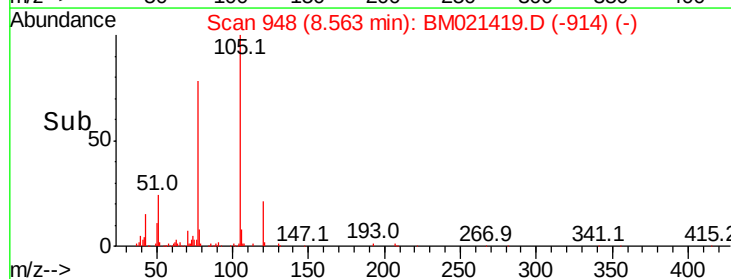
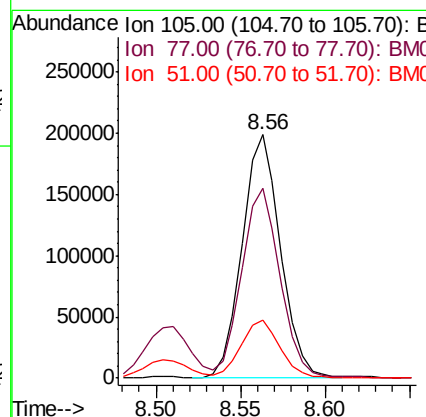
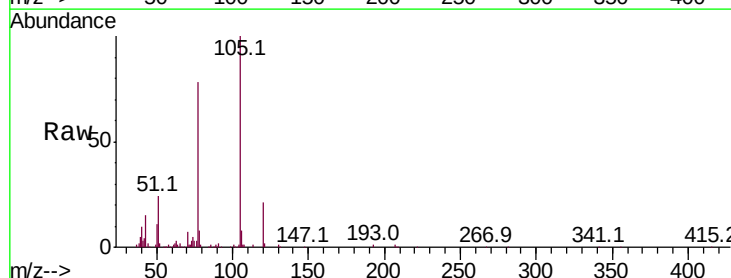
Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | 45    | Resp  | 117875 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 45      | 100   |       |        |
| 77      | 18.7  | 14.2  | 21.2   |
| 79      | 12.4  | 10.7  | 16.1   |

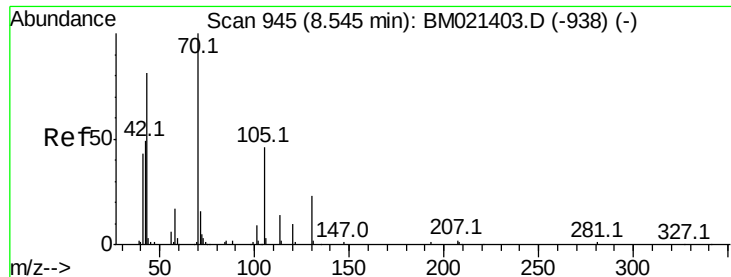


#14  
Acetophenone  
Concen: 20.054 ng/ul  
RT: 8.56 min Scan# 948  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

| Tgt Ion | 105   | Resp  | 311370 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 105     | 100   |       |        |
| 77      | 78.2  | 62.1  | 93.1   |
| 51      | 23.9  | 20.2  | 30.4   |







#15

N-Nitroso-di-n-propylamine

Concen: 19.755 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 153802

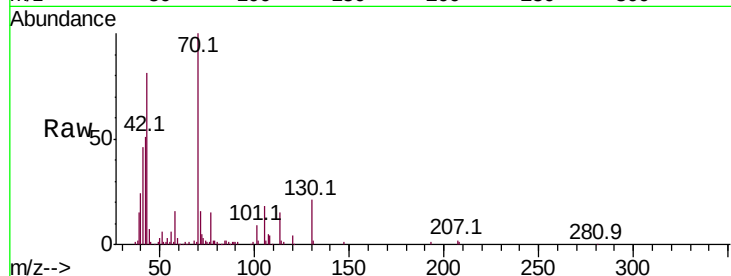
Ion Ratio Lower Upper

70 100

42 51.4 39.9 59.9

101 9.4 7.6 11.4

130 20.8 18.5 27.7

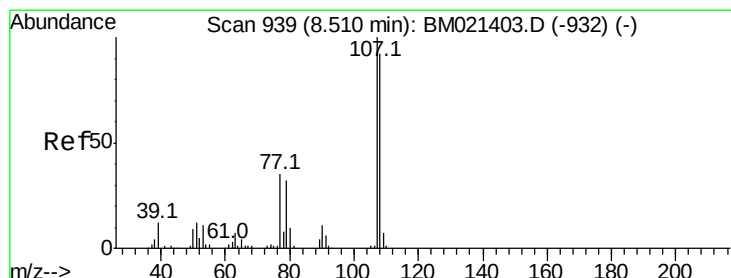
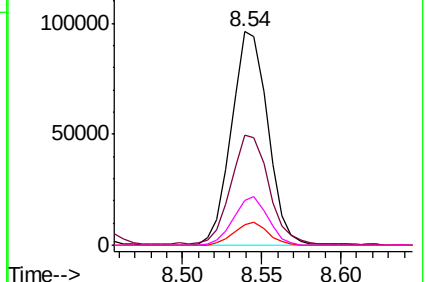
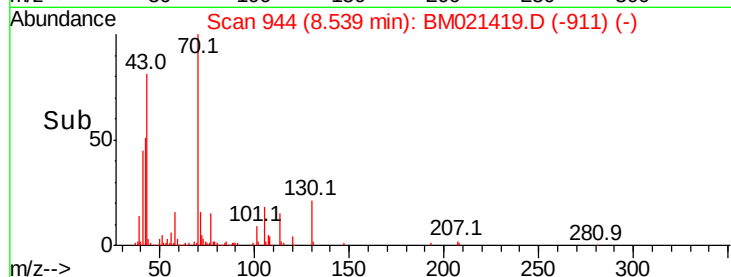


Abundance Ion 70.00 (69.70 to 70.70): BM021419.D (-911) (-)

Ion 42.00 (41.70 to 42.70): BM021419.D (-911) (-)

Ion 101.00 (100.70 to 101.70): BM021419.D (-911) (-)

Ion 130.00 (129.70 to 130.70): BM021419.D (-911) (-)



#16

4-Methylphenol

Concen: 20.220 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. -0.00 min

Lab File: BM021419.D

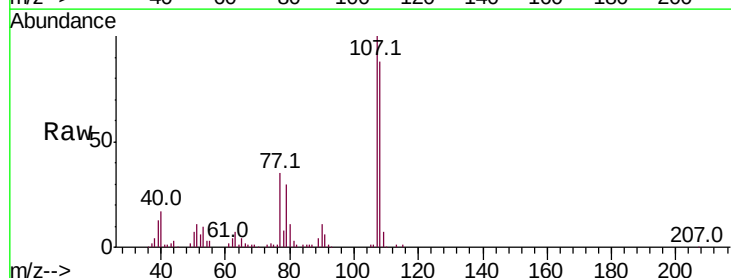
Acq: 10 Jul 2019 22:20

Tgt Ion:108 Resp: 202350

Ion Ratio Lower Upper

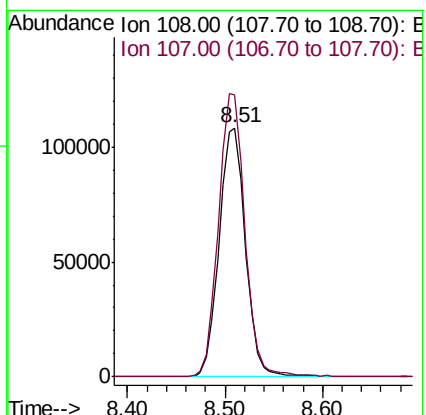
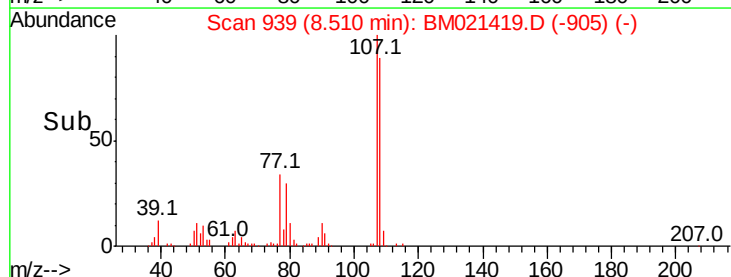
108 100

107 113.3 87.2 130.8

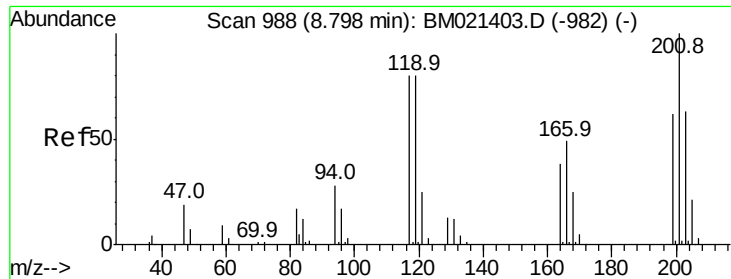


Abundance Ion 108.00 (107.70 to 108.70): BM021419.D (-905) (-)

Ion 107.00 (106.70 to 107.70): BM021419.D (-905) (-)



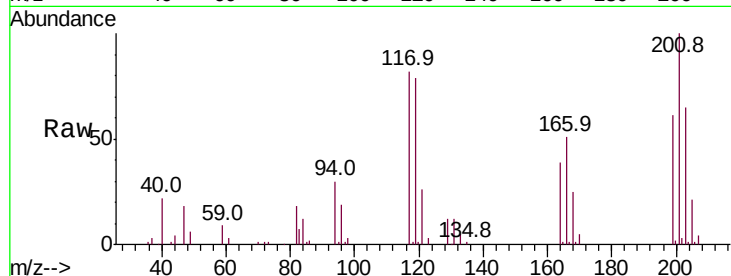




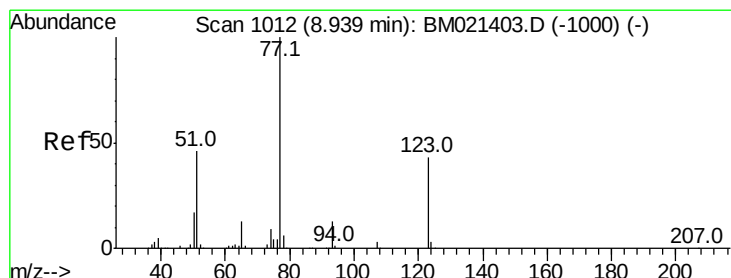
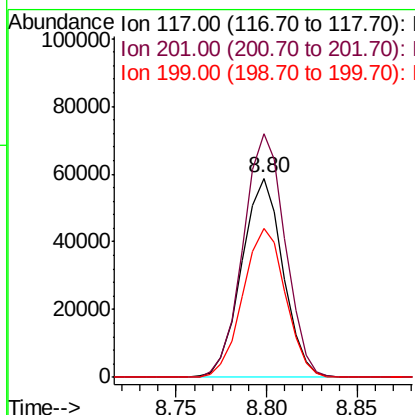
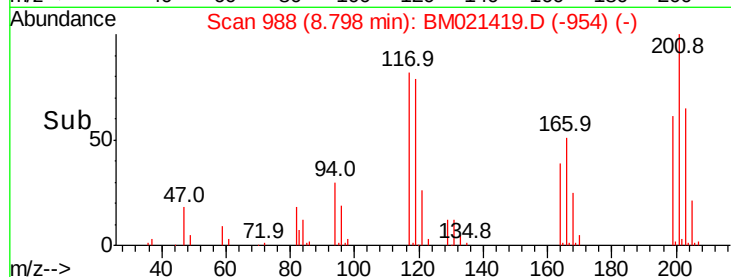
#17  
Hexachloroethane  
Concen: 19.922 ng/ul  
RT: 8.80 min Scan# 988  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:117 Resp: 93256  
Ion Ratio Lower Upper  
117 100  
201 122.1 99.7 149.5  
199 74.7 62.2 93.4

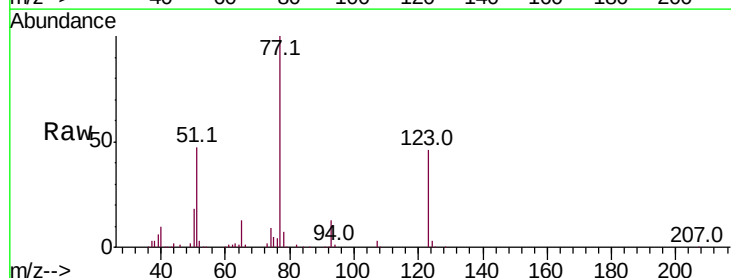


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

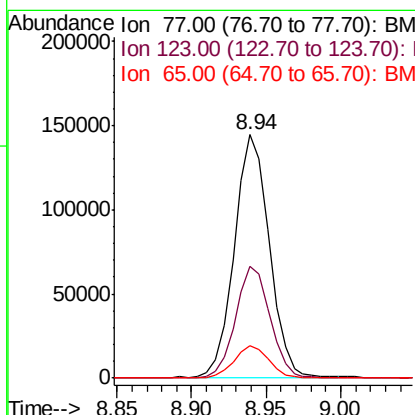
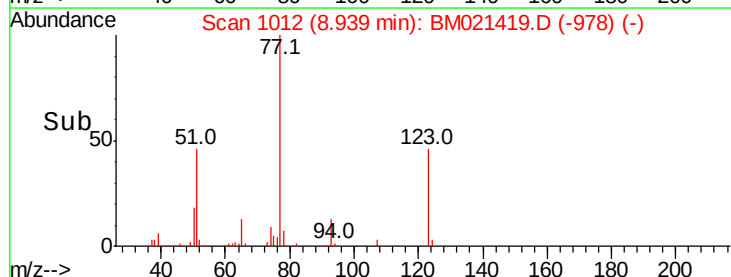


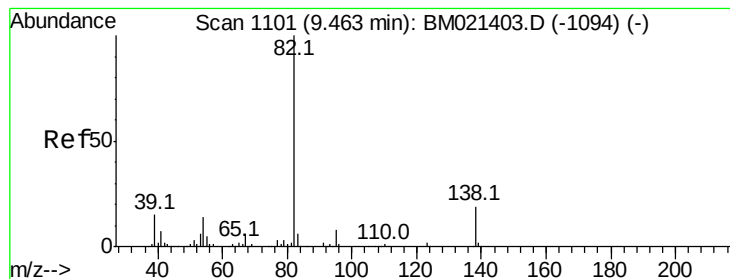
#20  
Nitrobenzene  
Concen: 19.733 ng/ul  
RT: 8.94 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

Tgt Ion: 77 Resp: 234839  
Ion Ratio Lower Upper  
77 100  
123 45.7 34.3 51.5  
65 13.4 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.879 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

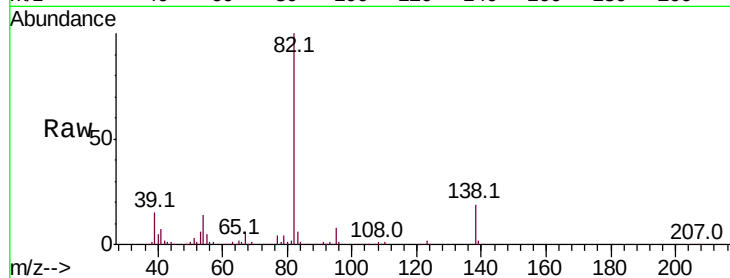
Tot Ion: 82 Resp: 419331

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

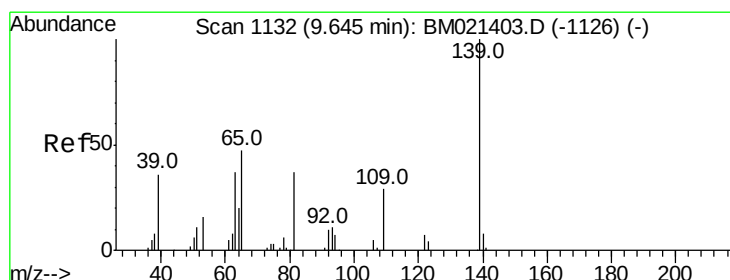
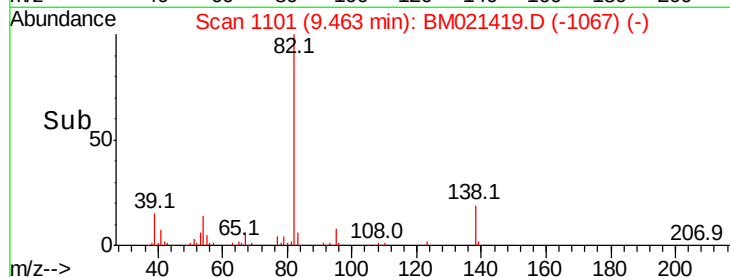
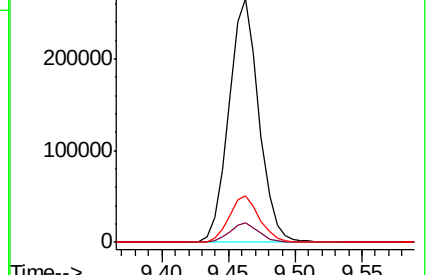
138 18.9 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BM021403.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM021403.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM021403.D (-1094) (-)



#23

2-Nitrophenol

Concen: 19.741 ng/ul

RT: 9.65 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

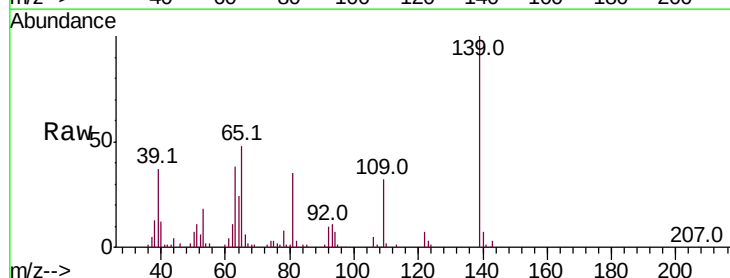
Tgt Ion: 139 Resp: 118114

Ion Ratio Lower Upper

139 100

65 47.7 40.2 60.4

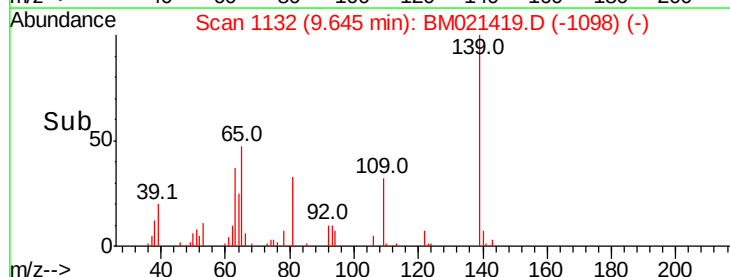
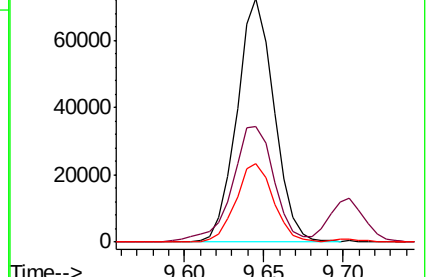
109 32.0 23.2 34.8

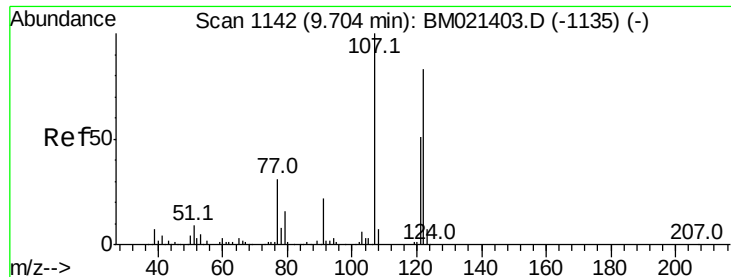


Abundance Ion 139.00 (138.70 to 139.70): BM021403.D (-1126) (-)

Ion 65.00 (64.70 to 65.70): BM021403.D (-1126) (-)

Ion 109.00 (108.70 to 109.70): BM021403.D (-1126) (-)





#24

2,4-Dimethylphenol

Concen: 19.954 ng/ul

RT: 9.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

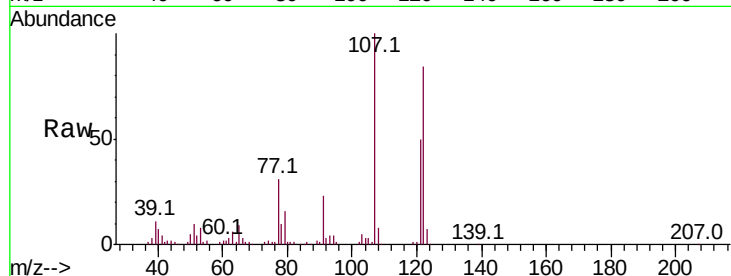
Tot Ion:107 Resp: 232282

Ion Ratio Lower Upper

107 100

121 50.1 40.5 60.7

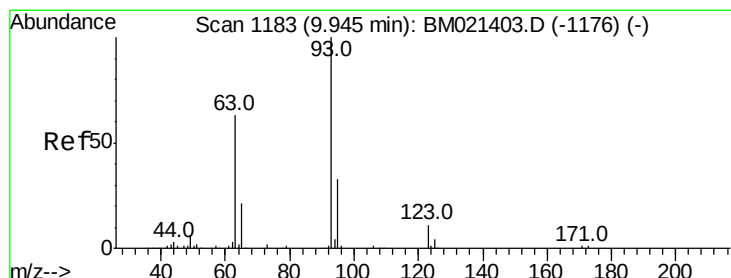
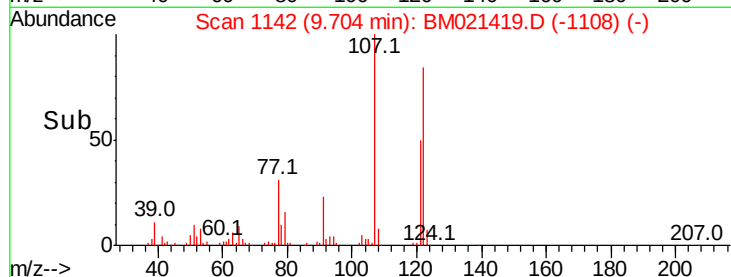
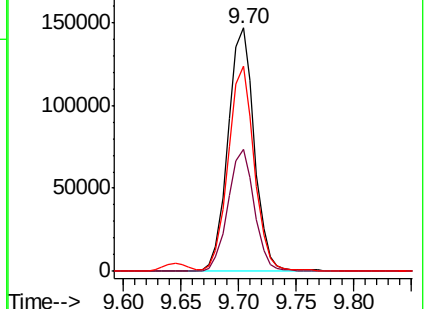
122 84.3 67.3 100.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.761 ng/ul

RT: 9.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

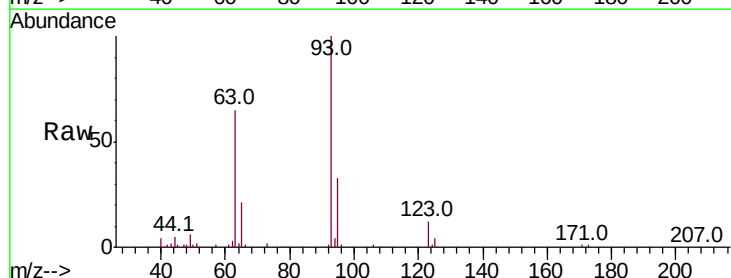
Tgt Ion: 93 Resp: 260010

Ion Ratio Lower Upper

93 100

95 32.8 26.8 40.2

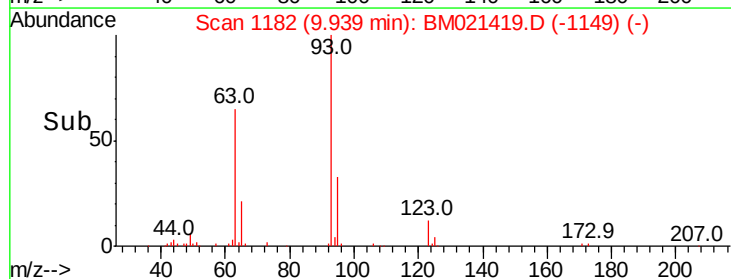
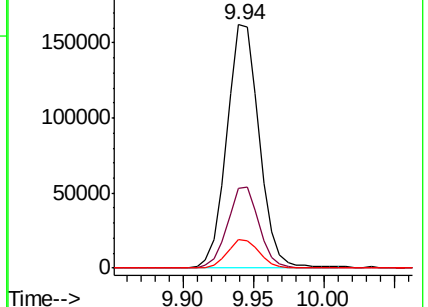
123 11.5 8.9 13.3

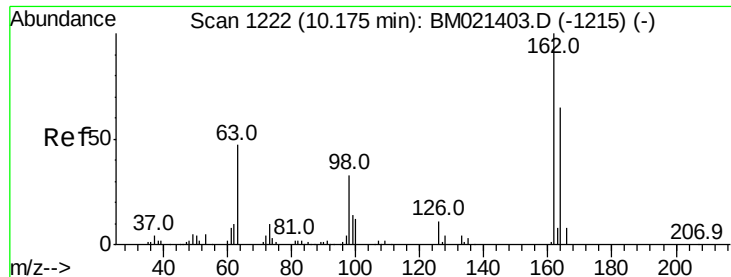


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

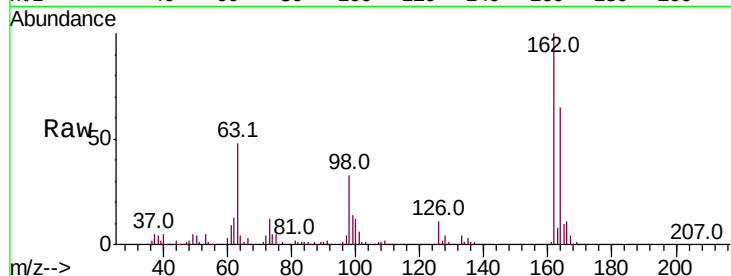




#27  
2,4-Dichlorophenol  
Concen: 19.823 ng/ul  
RT: 10.17 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.5  | 52.6  | 78.8  |
| 98      | 33.2  | 26.5  | 39.7  |

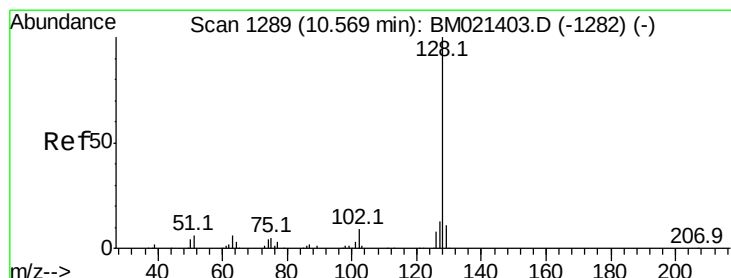
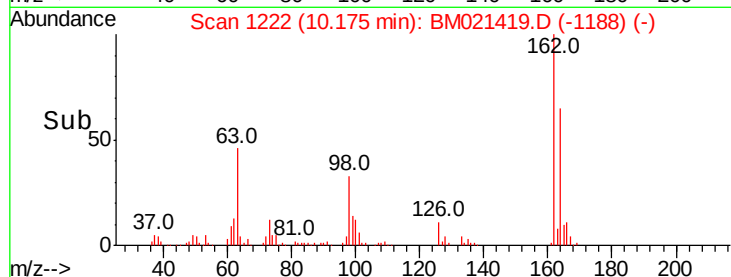
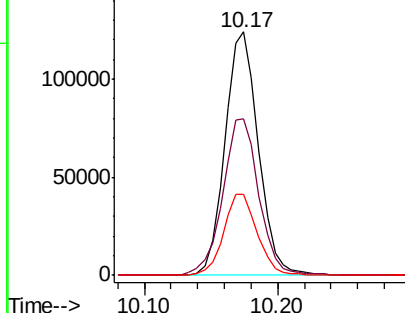


Abundance

Ion 162.00 (161.70 to 162.70): E

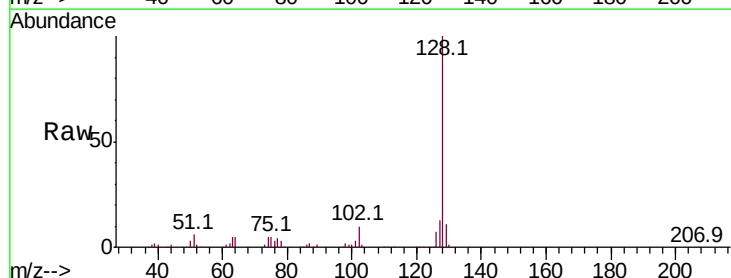
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28  
Naphthalene  
Concen: 20.059 ng/ul  
RT: 10.57 min Scan# 1289  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 8.7   | 13.1  |
| 127     | 13.5  | 10.6  | 16.0  |

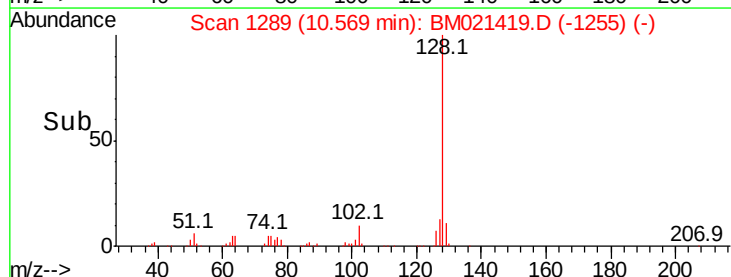
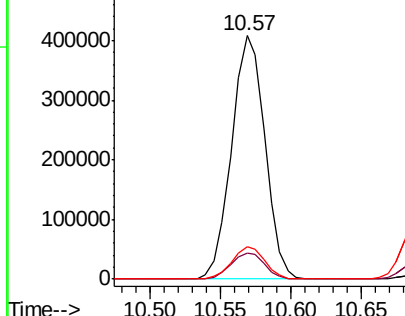


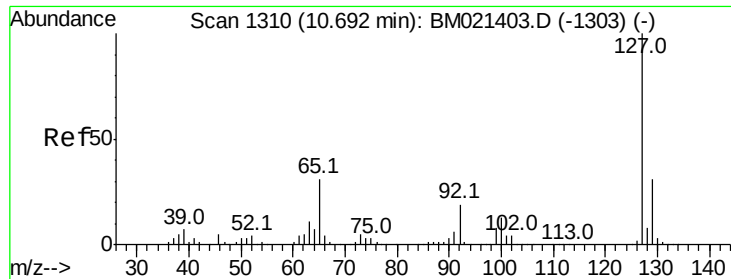
Abundance

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

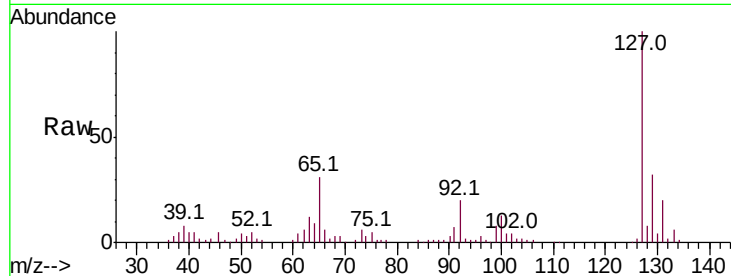




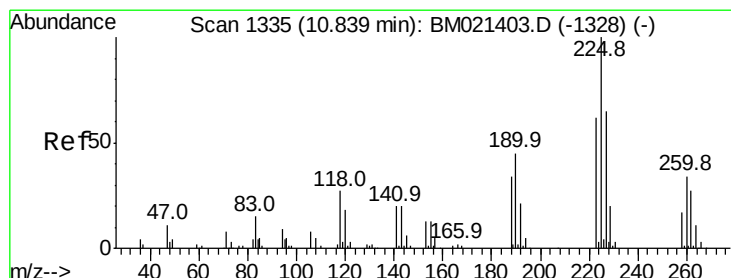
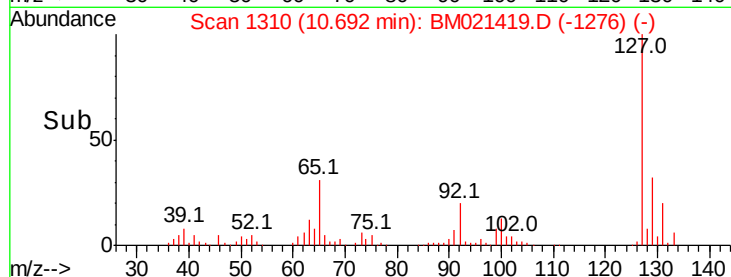
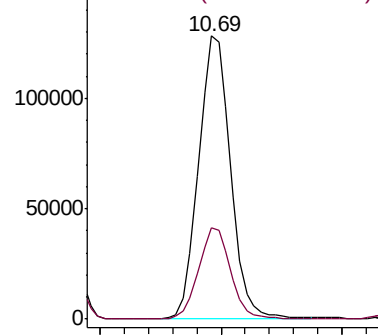
#30  
4-Chloroaniline  
Concen: 22.792 ng/ul  
RT: 10.69 min Scan# 1310  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:127 Resp: 236026  
Ion Ratio Lower Upper  
127 100  
129 32.2 25.0 37.6

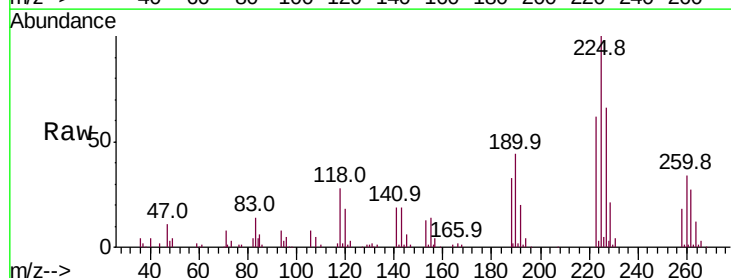


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

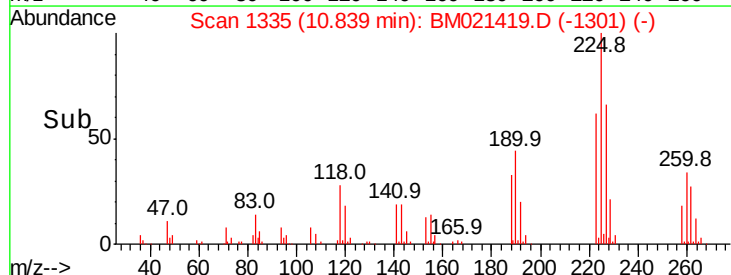
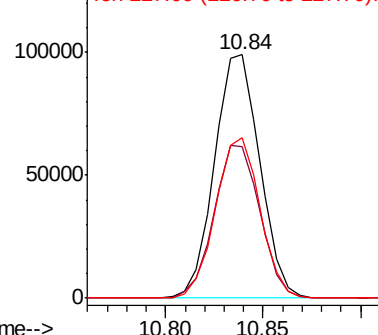


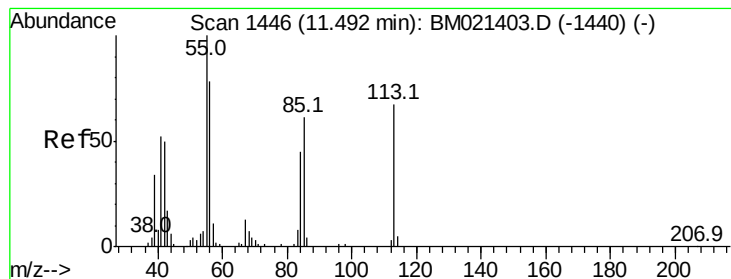
#31  
Hexachlorobutadiene  
Concen: 19.730 ng/ul  
RT: 10.84 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

Tgt Ion:225 Resp: 159831  
Ion Ratio Lower Upper  
225 100  
223 62.1 49.9 74.9  
227 65.8 51.8 77.8



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





#32

Caprolactam

Concen: 17.409 ng/ul

RT: 11.50 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampled :

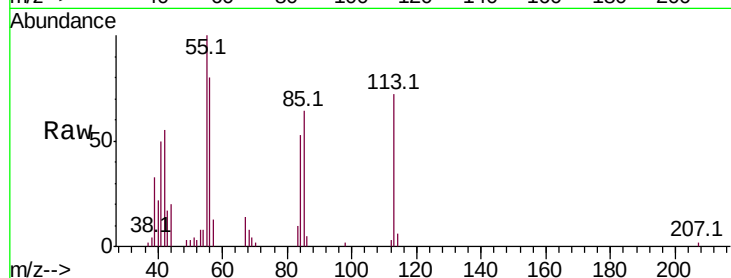
Tot Ion:113 Resp: 49798

Ion Ratio Lower Upper

113 100

55 139.3 121.0 181.4

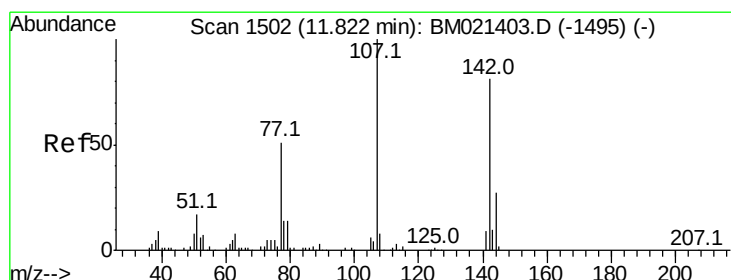
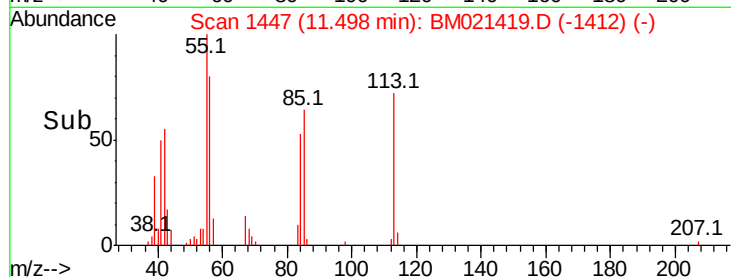
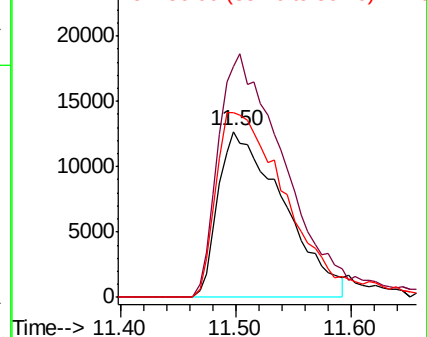
56 111.3 92.8 139.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 19.933 ng/ul

RT: 11.82 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

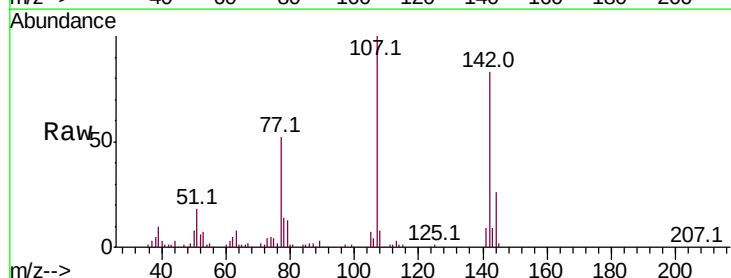
Tgt Ion:107 Resp: 203377

Ion Ratio Lower Upper

107 100

144 26.1 21.4 32.2

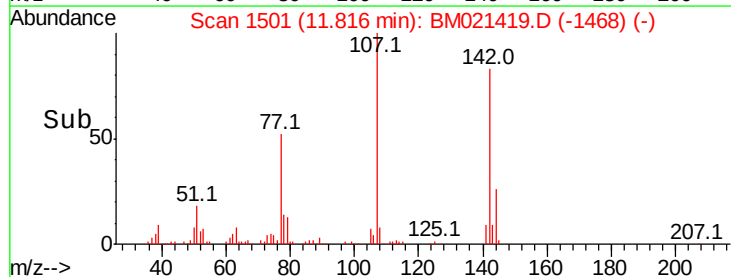
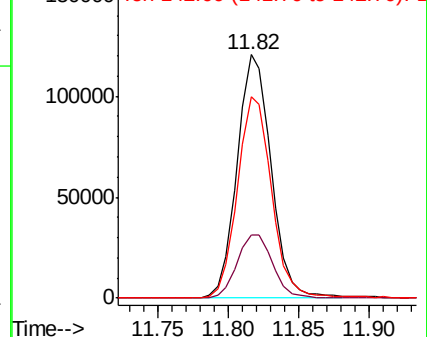
142 82.6 64.7 97.1

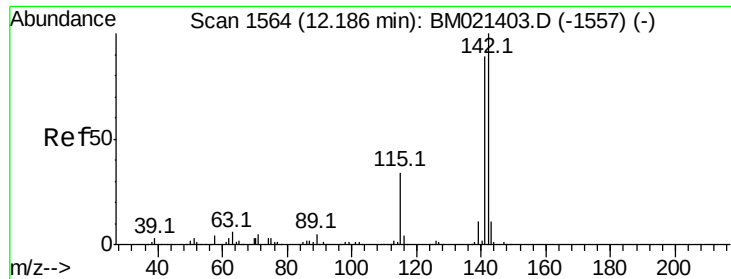


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

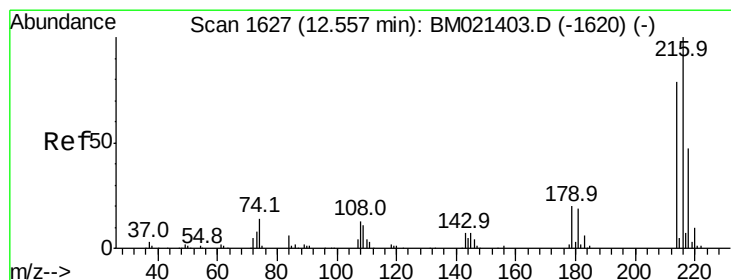
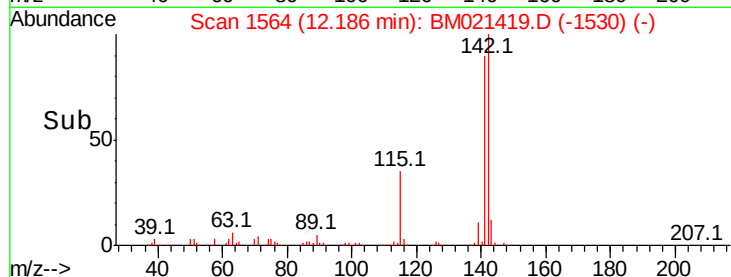
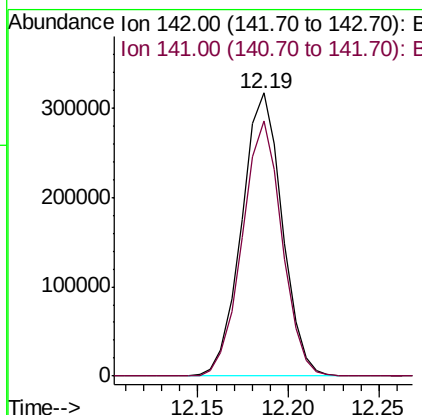
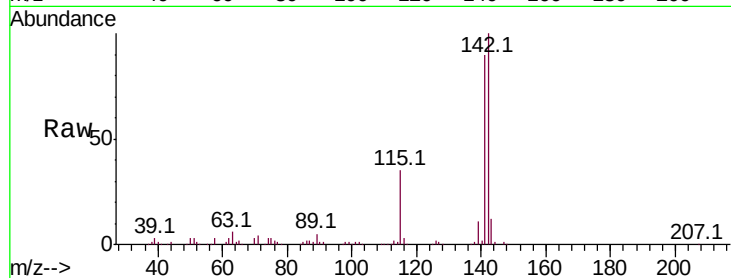




#34  
 2-Methylnaphthalene  
 Concen: 19.884 ng/ul  
 RT: 12.19 min Scan# 1564  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

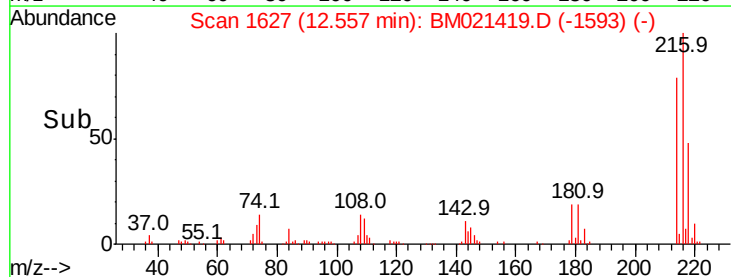
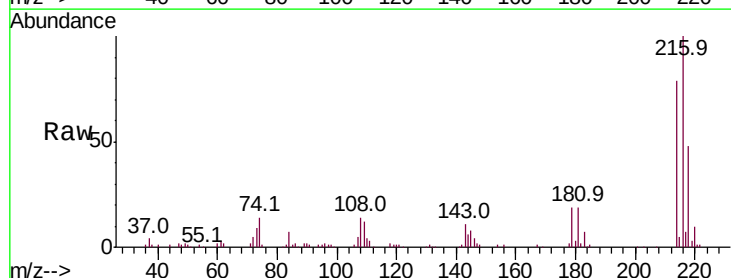
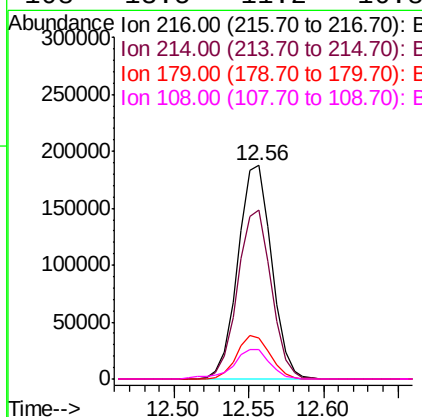
Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:142 Resp: 492023  
 Ion Ratio Lower Upper  
 142 100  
 141 90.1 71.1 106.7

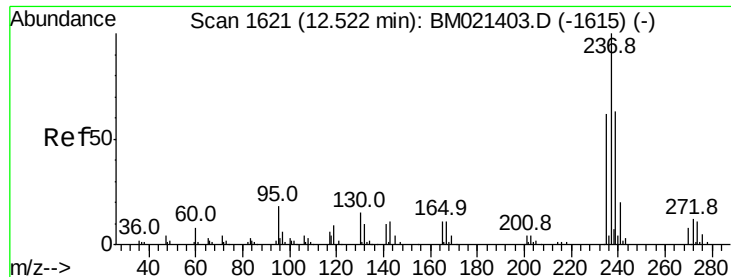


#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.727 ng/ul  
 RT: 12.56 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

Tgt Ion:216 Resp: 294578  
 Ion Ratio Lower Upper  
 216 100  
 214 79.3 62.9 94.3  
 179 19.4 16.2 24.2  
 108 13.5 11.2 16.8



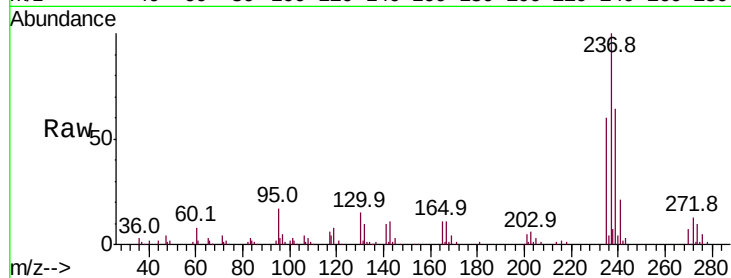




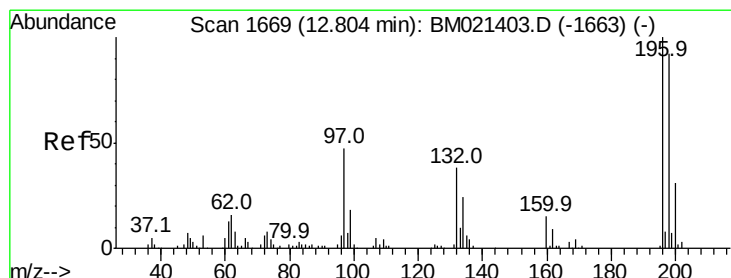
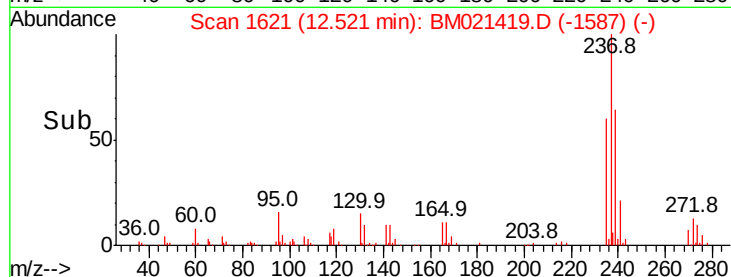
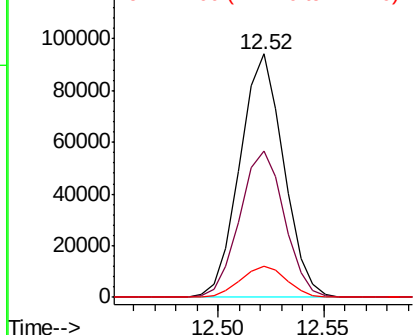
#37  
Hexachlorocyclopentadiene  
Concen: 17.834 ng/ul  
RT: 12.52 min Scan# 1621  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:237 Resp: 135478  
Ion Ratio Lower Upper  
237 100  
235 60.3 49.4 74.2  
272 12.9 9.7 14.5

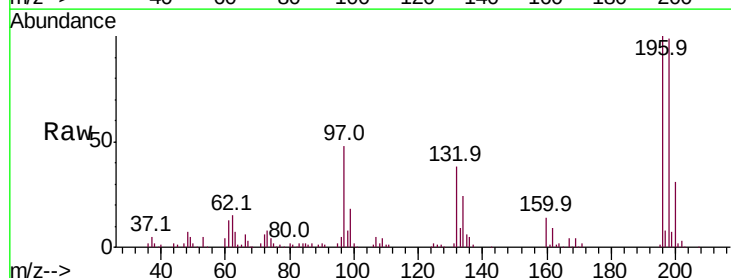


Abundance Ion 237.00 (236.70 to 237.70): E  
Ion 235.00 (234.70 to 235.70): E  
Ion 272.00 (271.70 to 272.70): E

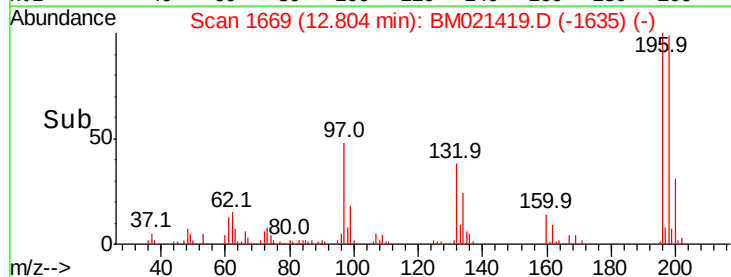
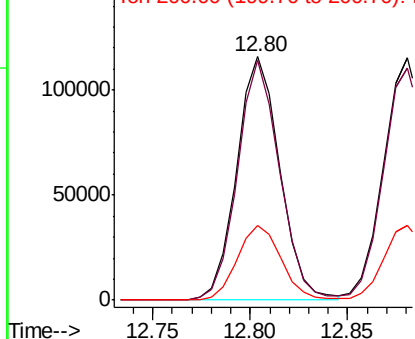


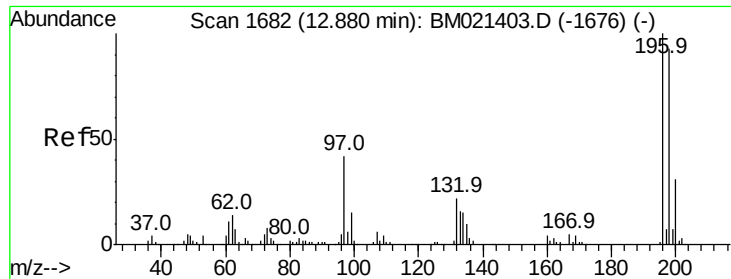
#38  
2,4,6-Trichlorophenol  
Concen: 19.892 ng/ul  
RT: 12.80 min Scan# 1669  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

Tgt Ion:196 Resp: 176777  
Ion Ratio Lower Upper  
196 100  
198 98.6 73.7 110.5  
200 30.7 24.6 36.8



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

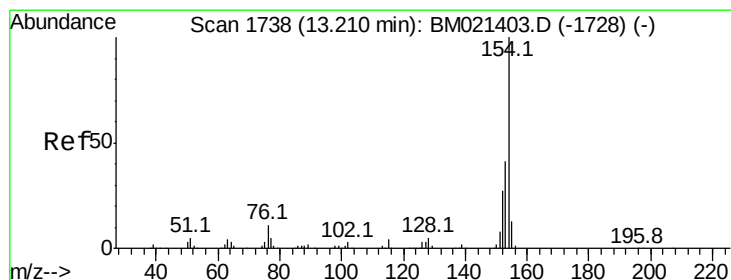
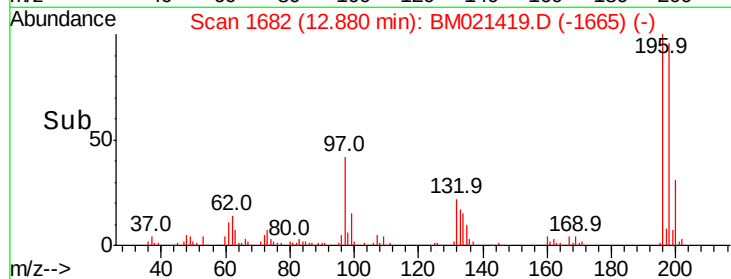
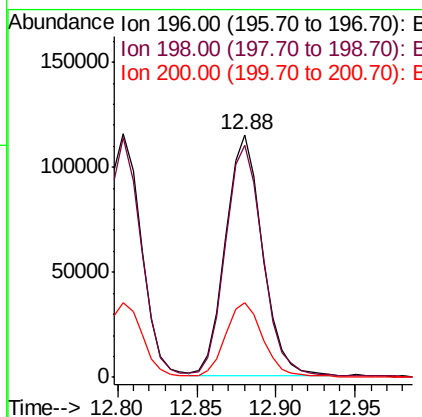
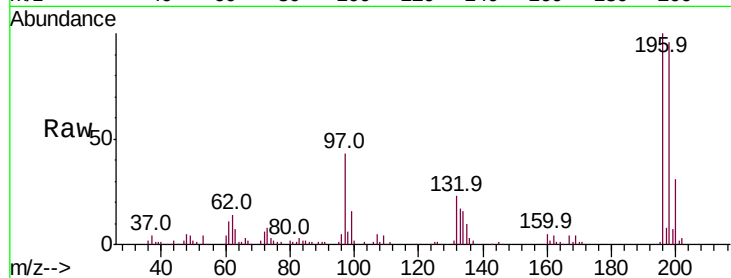




#39  
 2,4,5-Trichlorophenol  
 Concen: 19.635 ng/ul  
 RT: 12.88 min Scan# 1682  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

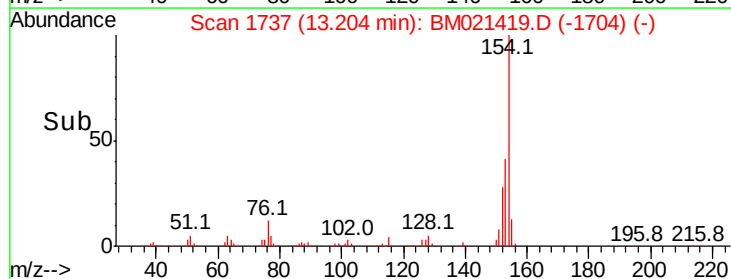
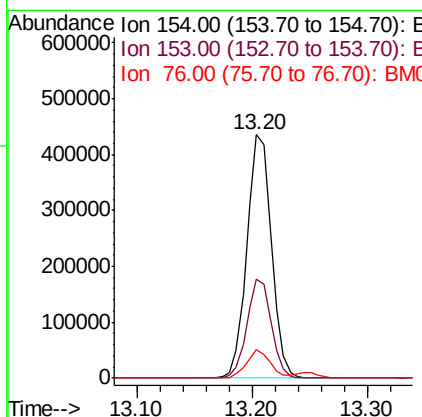
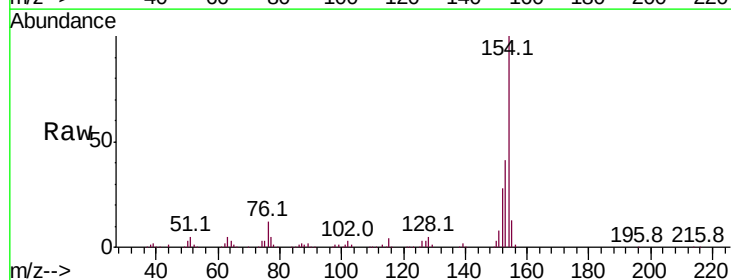
Instrument :  
 BNA\_M  
 ClientSampleId :

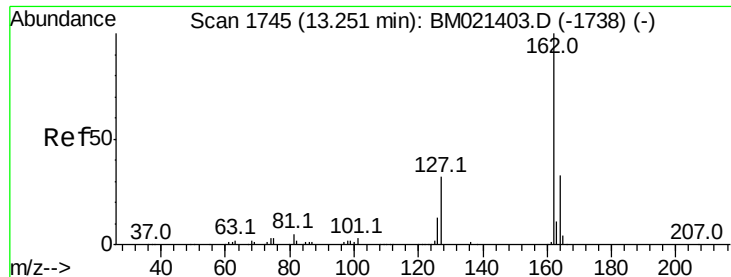
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.6  | 74.8  | 112.2 |
| 200     | 30.7  | 24.7  | 37.1  |



#40  
 1,1'-Biphenyl  
 Concen: 20.053 ng/ul  
 RT: 13.20 min Scan# 1737  
 Delta R.T. -0.01 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.7  | 32.7  | 49.1  |
| 76      | 11.7  | 8.5   | 12.7  |

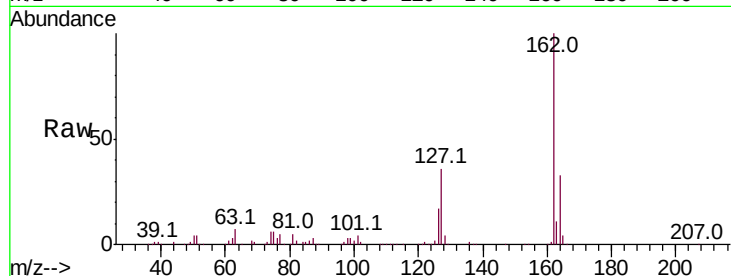




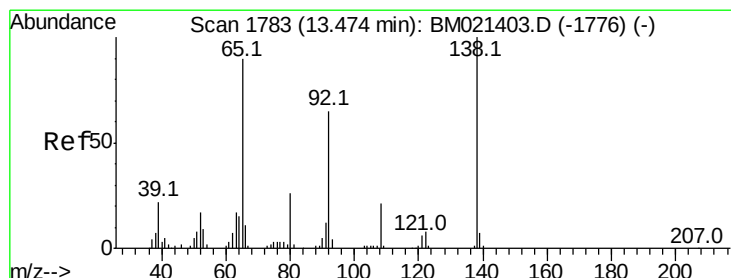
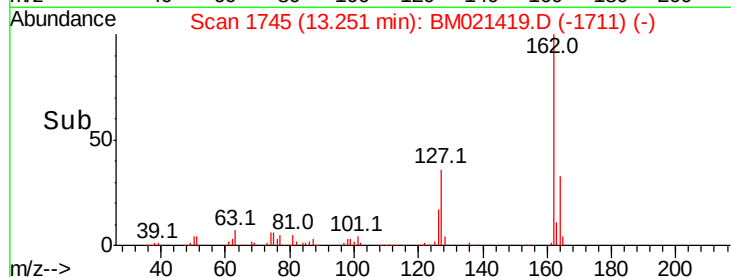
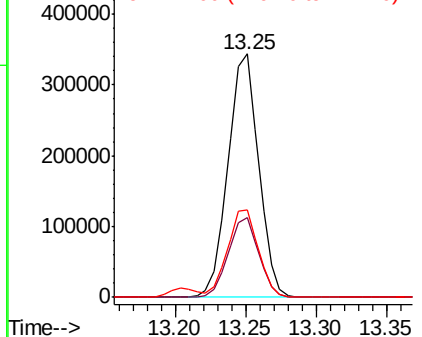
#41  
2-Chloronaphthalene  
Concen: 20.193 ng/ul  
RT: 13.25 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.8  | 26.6  | 40.0  |
| 127     | 35.8  | 28.6  | 42.8  |

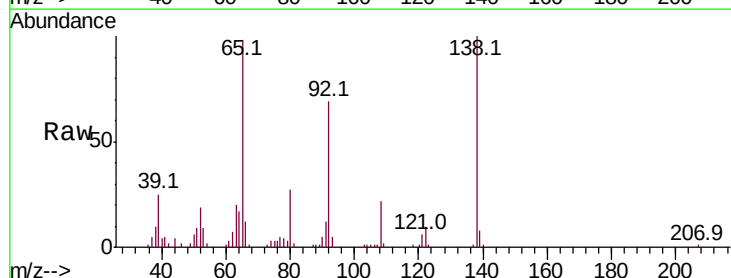


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 127.00 (126.70 to 127.70): E

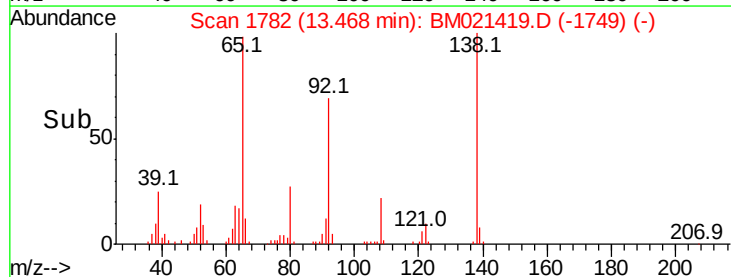
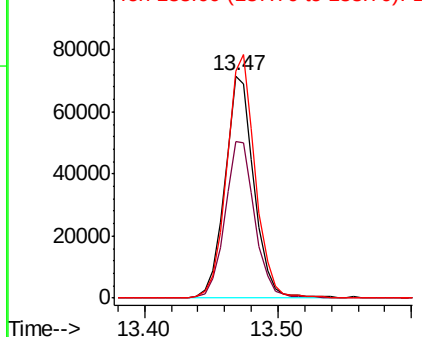


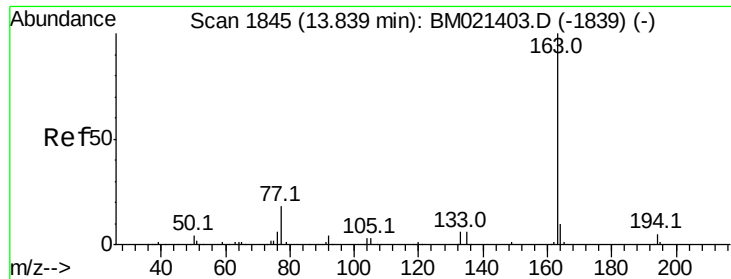
#42  
2-Nitroaniline  
Concen: 19.350 ng/ul  
RT: 13.47 min Scan# 1782  
Delta R.T. -0.01 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.6  | 57.4  | 86.2  |
| 138     | 102.2 | 89.0  | 133.6 |



Abundance Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 20.054 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

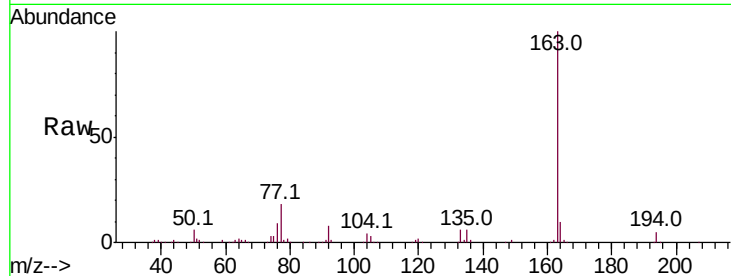
Tot Ion:163 Resp: 627989

Ion Ratio Lower Upper

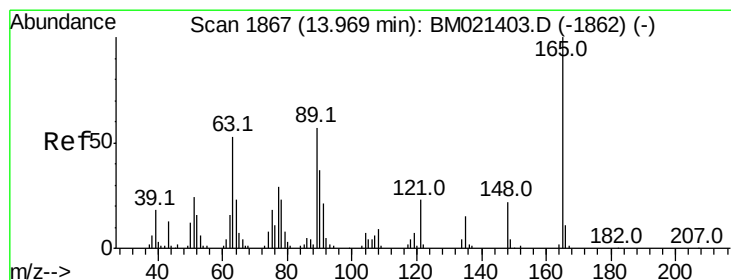
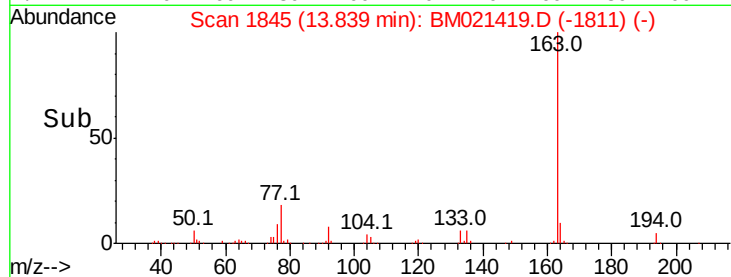
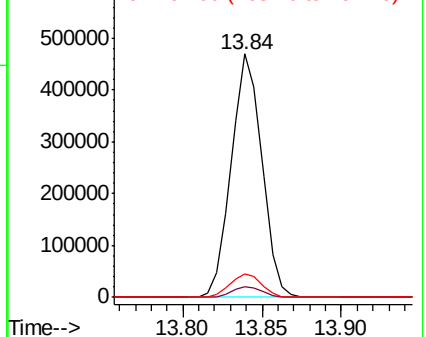
163 100

194 4.5 3.6 5.4

164 9.7 8.3 12.5



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



#45

2,6-Dinitrotoluene

Concen: 19.892 ng/ul

RT: 13.97 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

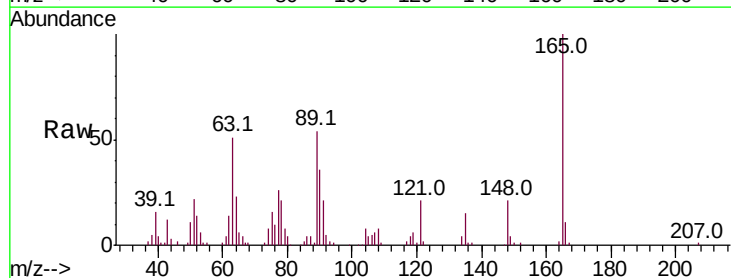
Tgt Ion:165 Resp: 113431

Ion Ratio Lower Upper

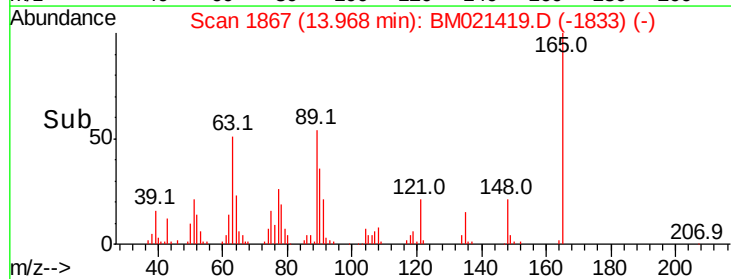
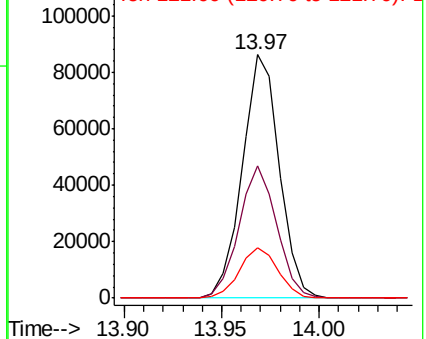
165 100

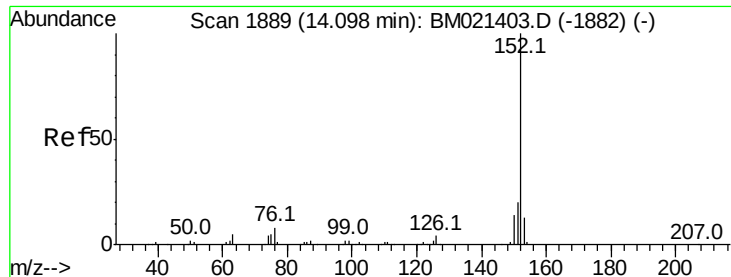
89 54.1 45.4 68.2

121 20.6 18.1 27.1



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BM0  
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.125 ng/ul

RT: 14.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

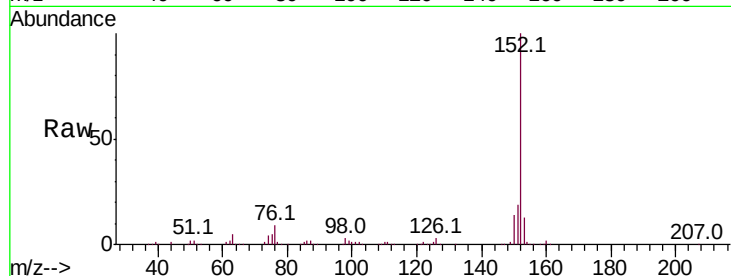
Tot Ion:152 Resp: 739269

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8

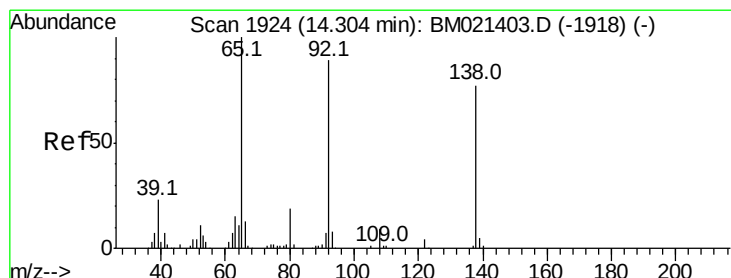
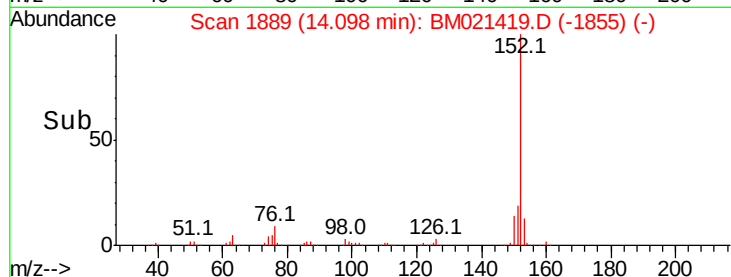
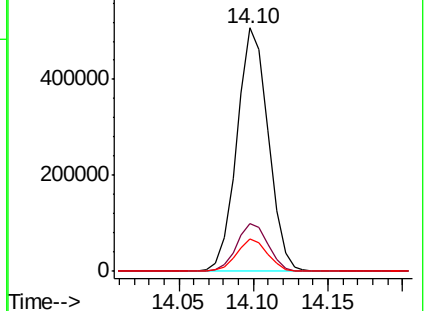
153 13.2 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 19.159 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

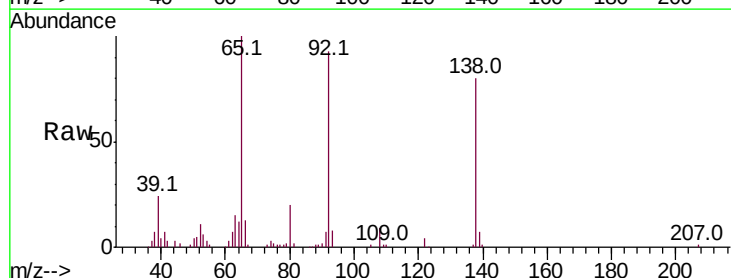
Tgt Ion:138 Resp: 98277

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

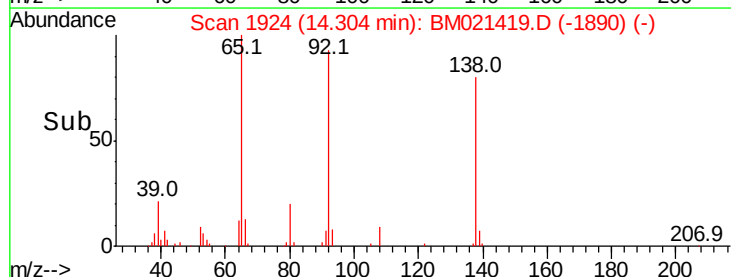
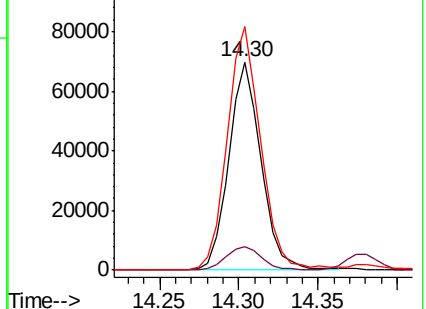
92 116.9 92.9 139.3

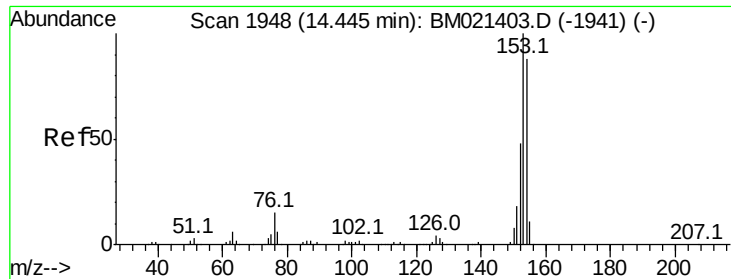


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 20.062 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampled :

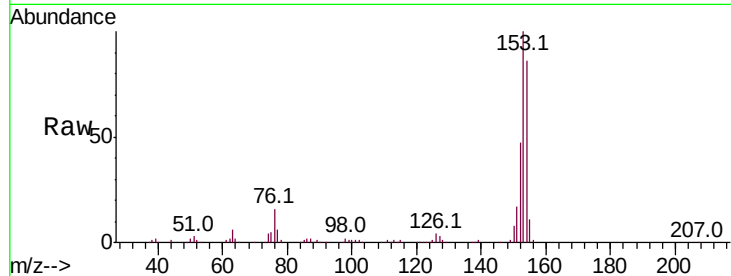
Tot Ion:153 Resp: 535496

Ion Ratio Lower Upper

153 100

152 47.5 38.2 57.4

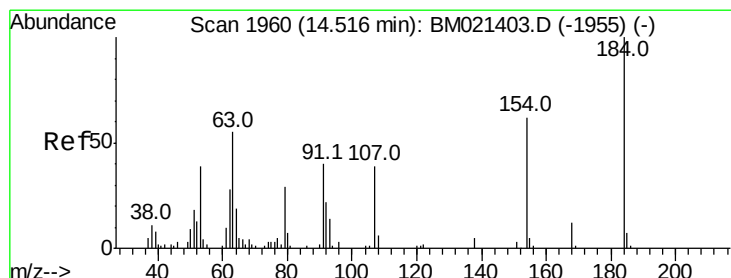
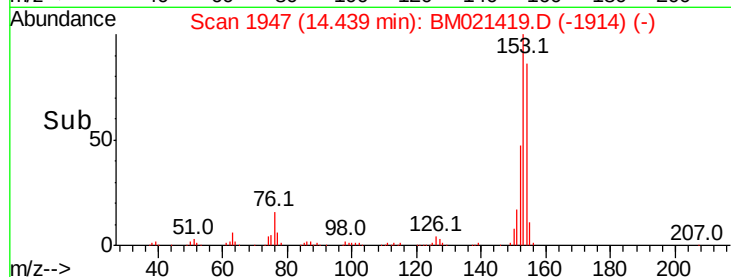
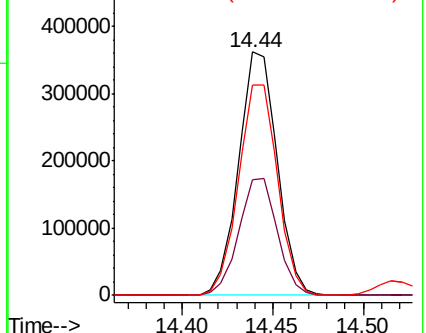
154 86.4 70.0 105.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 16.255 ng/ul

RT: 14.52 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

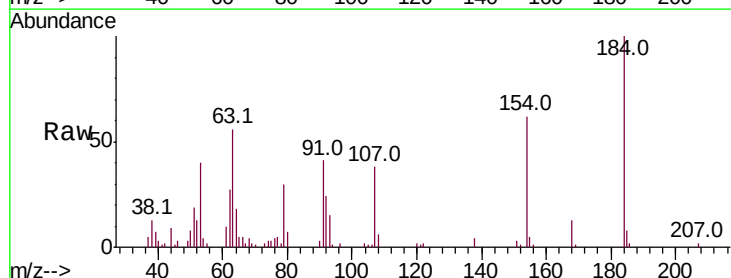
Tgt Ion:184 Resp: 55745

Ion Ratio Lower Upper

184 100

63 56.3 44.4 66.6

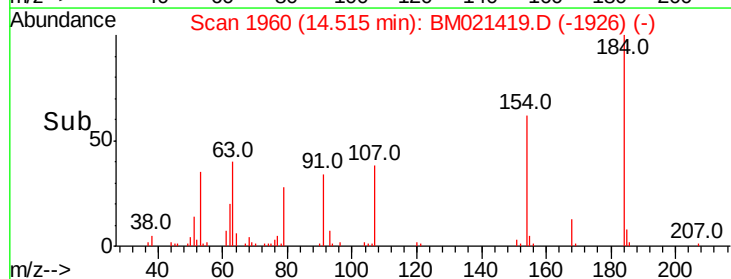
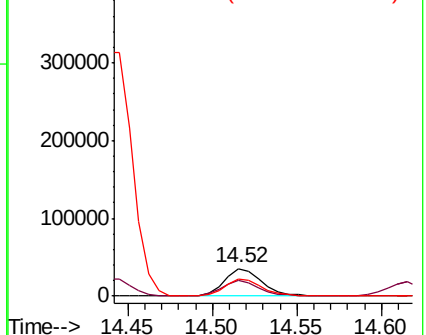
154 62.3 50.4 75.6

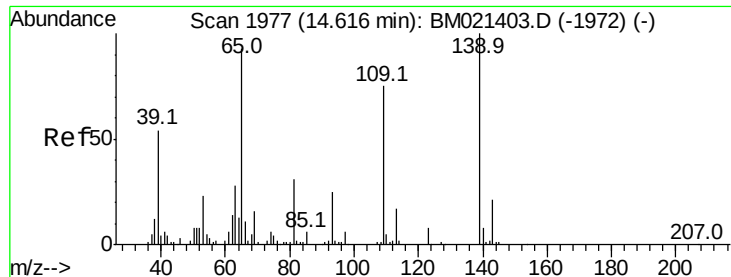


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.241 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

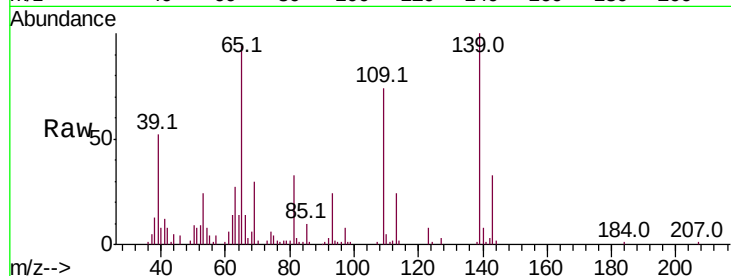
Tot Ion:109 Resp: 76377

Ion Ratio Lower Upper

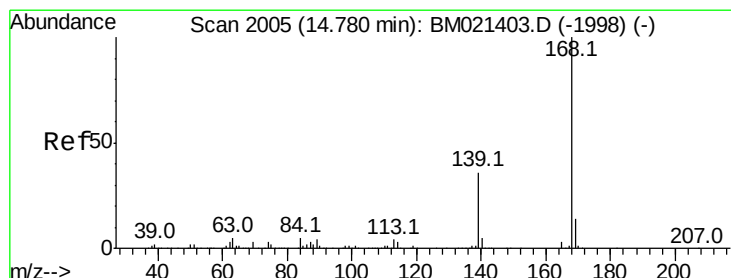
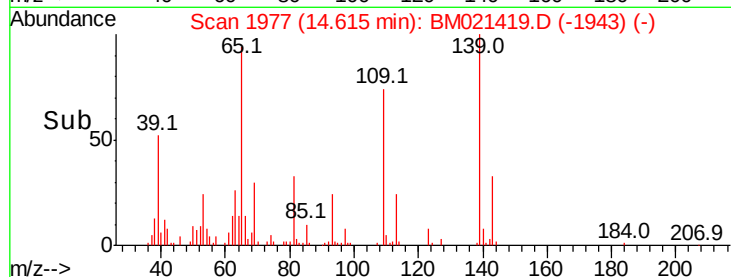
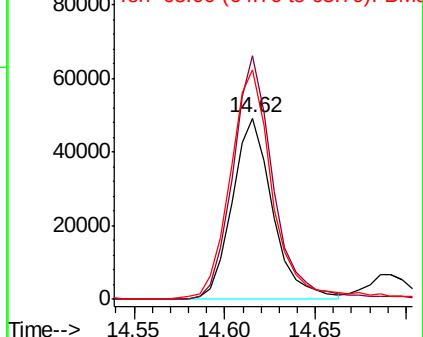
109 100

139 134.6 107.6 161.4

65 126.6 101.0 151.6



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



#53

Dibenzofuran

Concen: 19.947 ng/ul

RT: 14.78 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BM021419.D

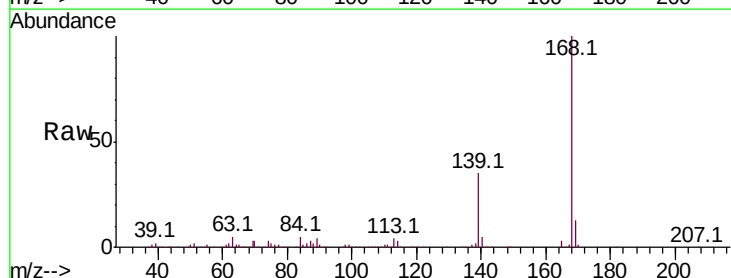
Acq: 10 Jul 2019 22:20

Tgt Ion:168 Resp: 771308

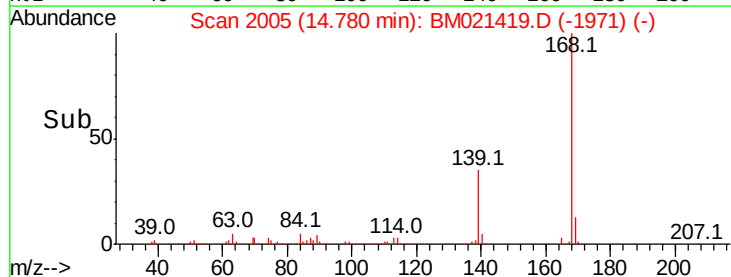
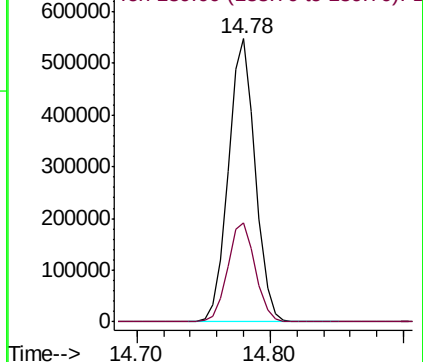
Ion Ratio Lower Upper

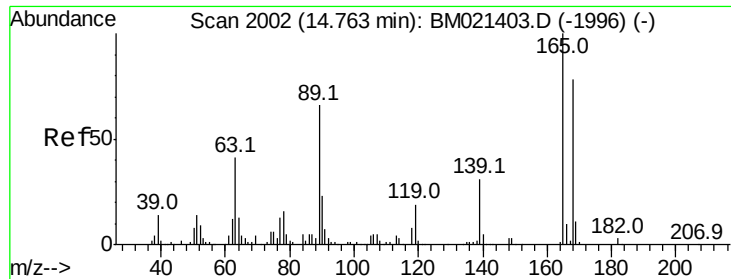
168 100

139 35.2 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E

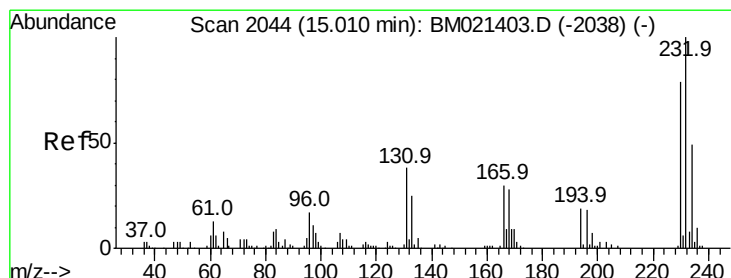
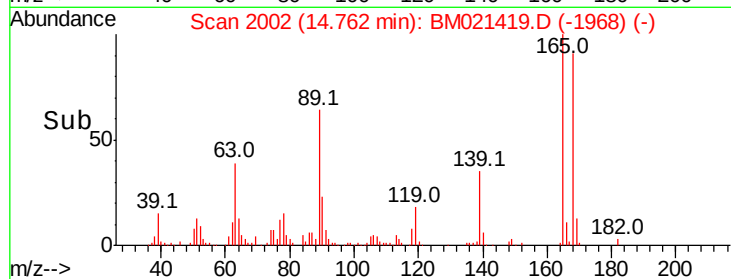
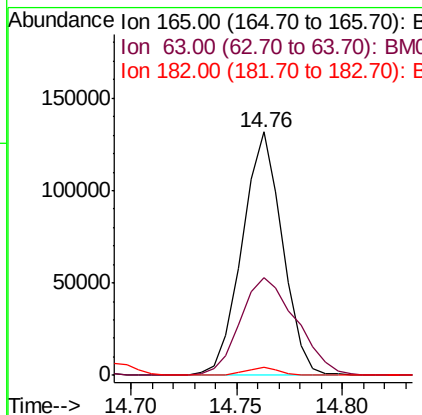
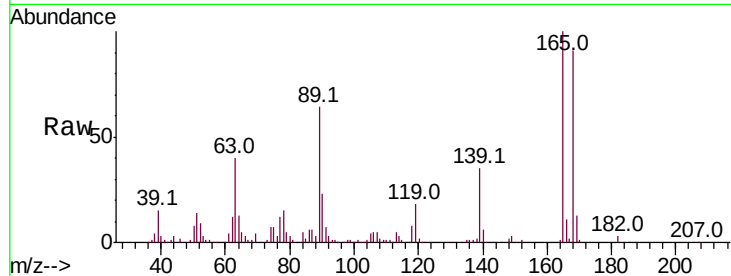




#54  
 2,4-Dinitrotoluene  
 Concen: 19.959 ng/ul  
 RT: 14.76 min Scan# 2002  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

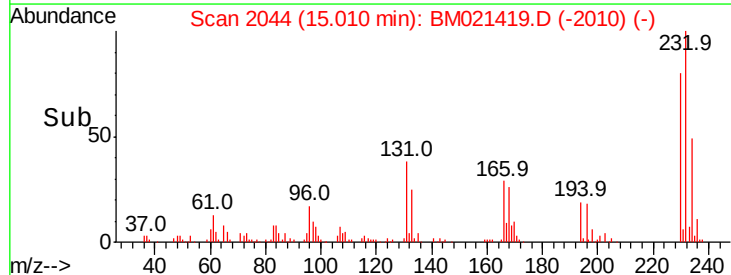
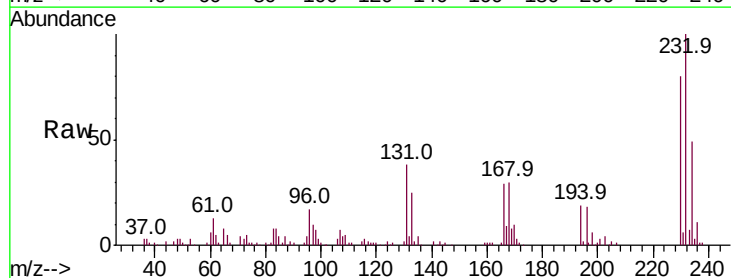
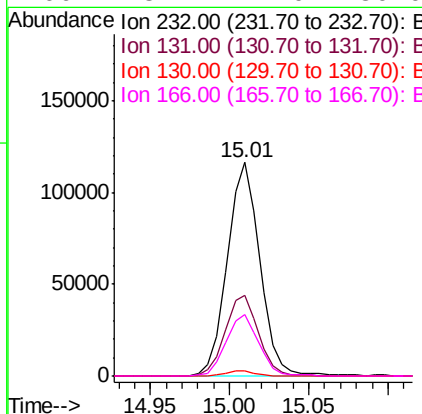
Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 40.0  | 33.1  | 49.7  |
| 182     | 3.1   | 2.2   | 3.4   |

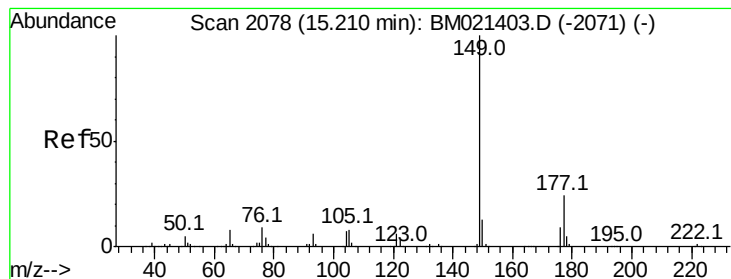


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.725 ng/ul  
 RT: 15.01 min Scan# 2044  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 38.0  | 30.2  | 45.2  |
| 130     | 2.2   | 1.7   | 2.5   |
| 166     | 28.7  | 24.0  | 36.0  |







#56

Diethylphthalate

Concen: 20.004 ng/ul

RT: 15.21 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

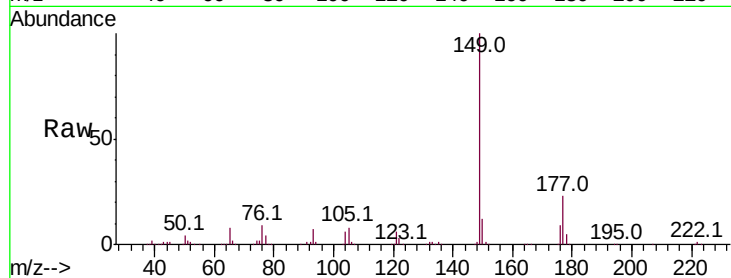
Tot Ion:149 Resp: 601407

Ion Ratio Lower Upper

149 100

177 23.3 18.8 28.2

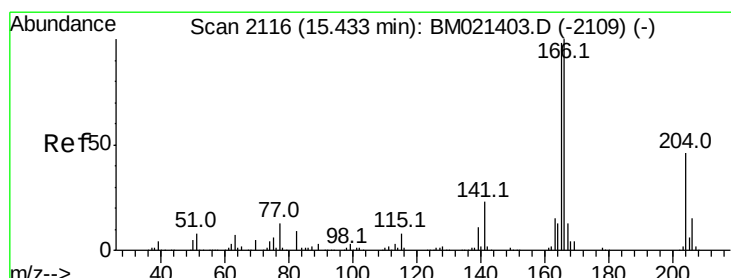
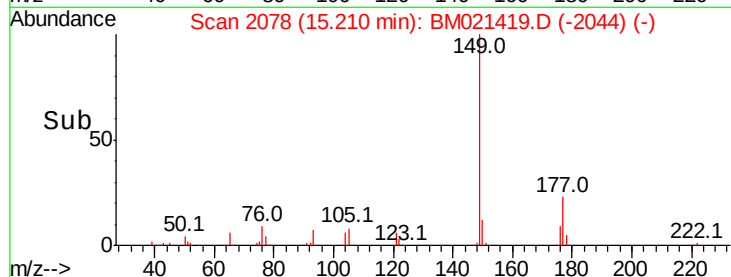
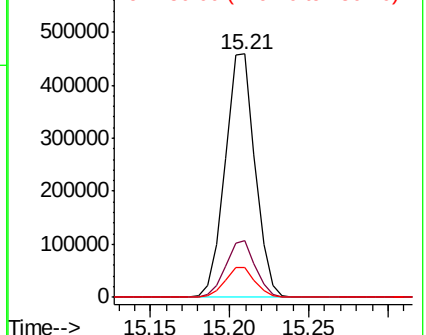
150 12.4 10.1 15.1



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



#58

Fluorene

Concen: 19.941 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

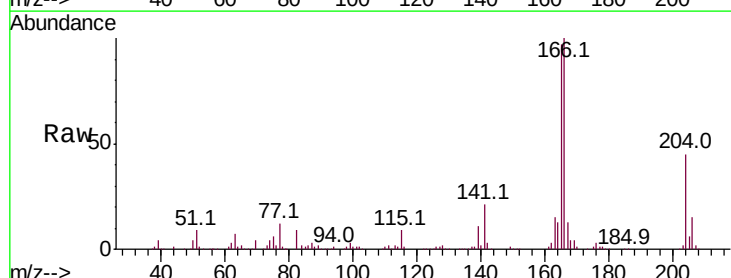
Tgt Ion:166 Resp: 623827

Ion Ratio Lower Upper

166 100

165 97.2 78.6 117.8

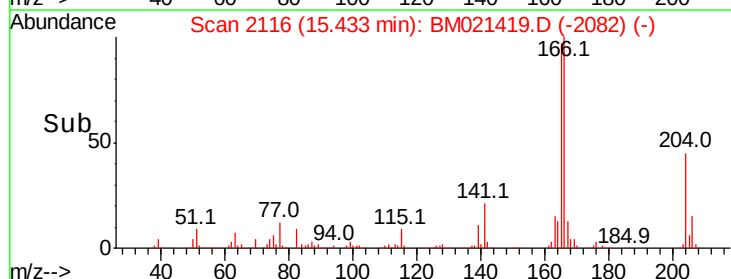
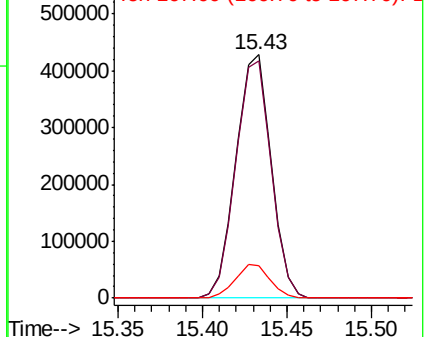
167 13.2 10.7 16.1

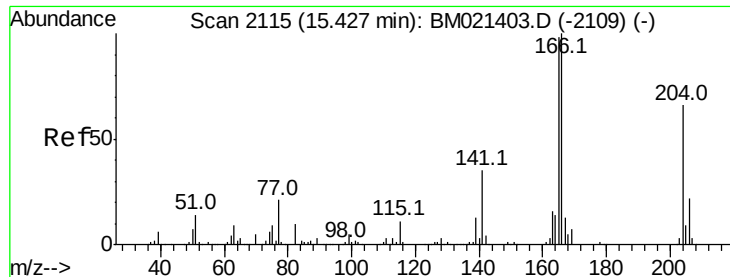


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

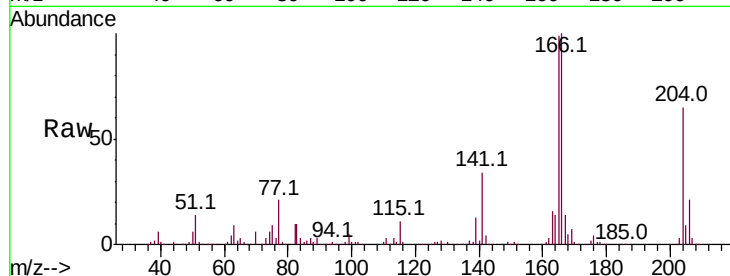




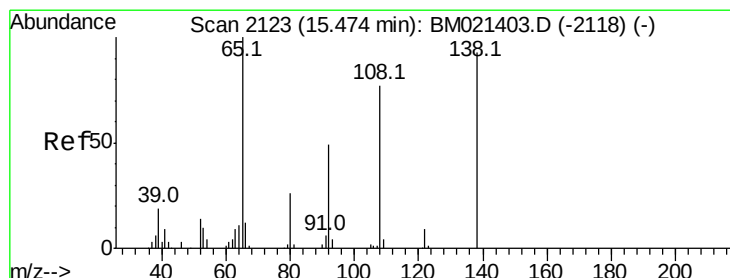
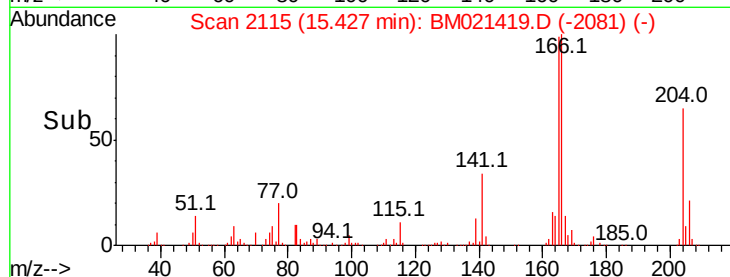
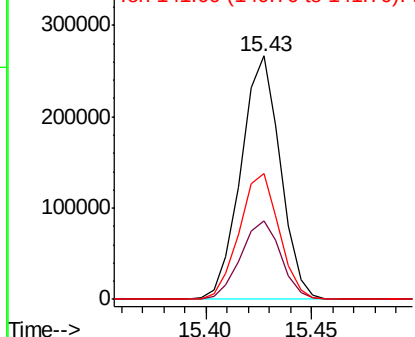
#59  
4-Chlorophenyl-phenylether  
Concen: 19.746 ng/ul  
RT: 15.43 min Scan# 2115  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:204 Resp: 345223  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.0 39.0  
141 52.0 42.3 63.5

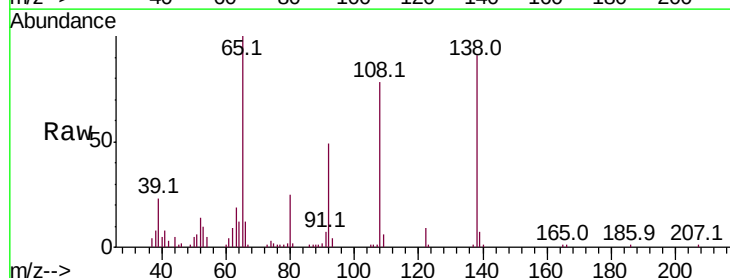


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

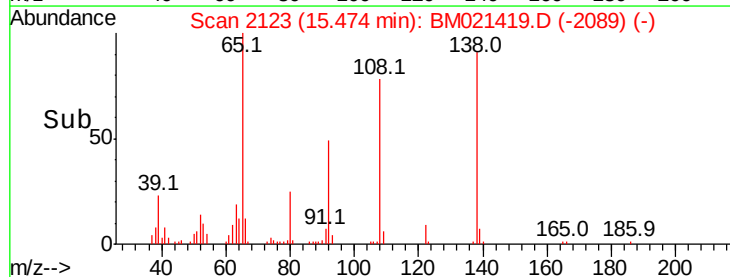
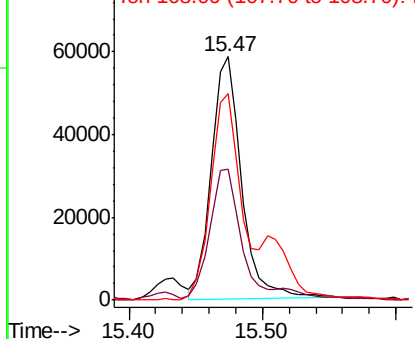


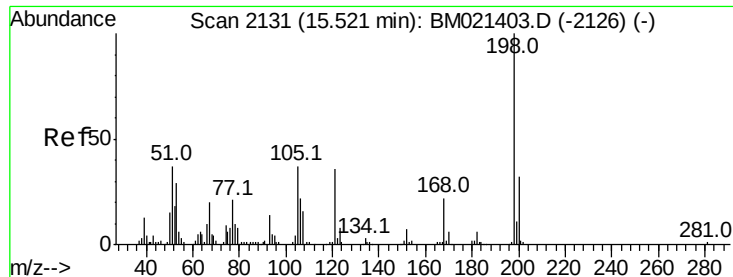
#60  
4-Nitroaniline  
Concen: 17.698 ng/ul  
RT: 15.47 min Scan# 2123  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

Tgt Ion:138 Resp: 93212  
Ion Ratio Lower Upper  
138 100  
92 53.8 41.3 61.9  
108 85.0 65.0 97.6



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

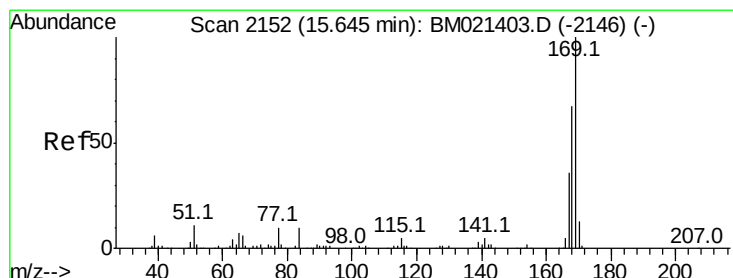
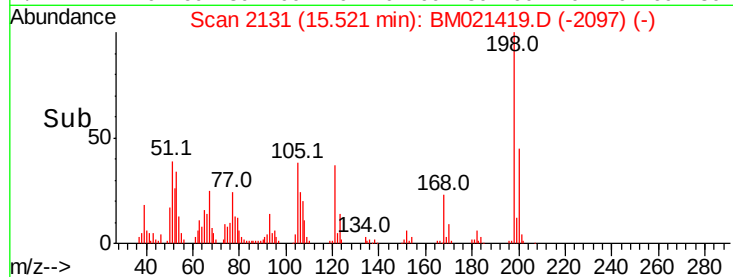
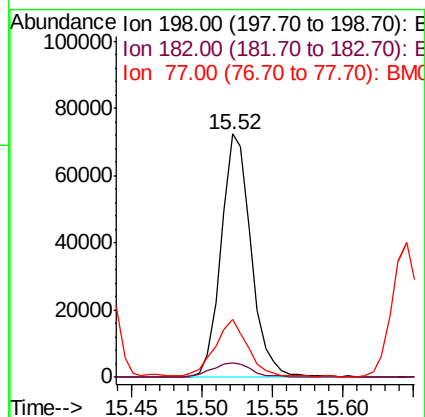
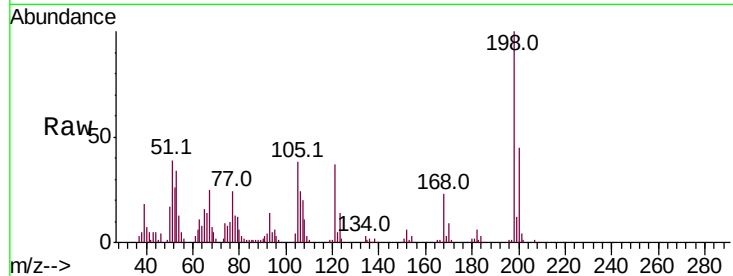




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 17.948 ng/ul  
 RT: 15.52 min Scan# 2131  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

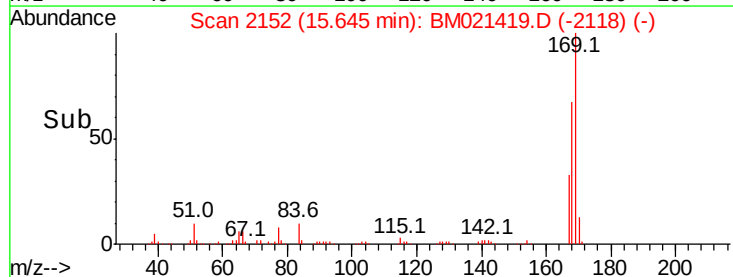
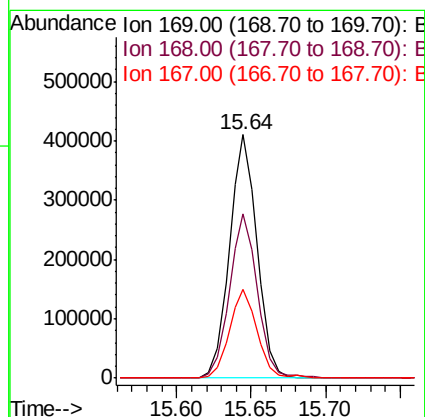
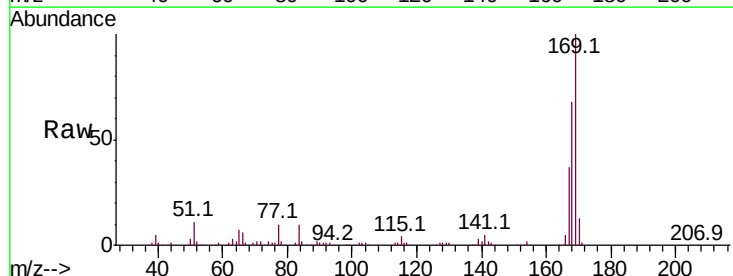
Instrument :  
 BNA\_M  
 ClientSampled :

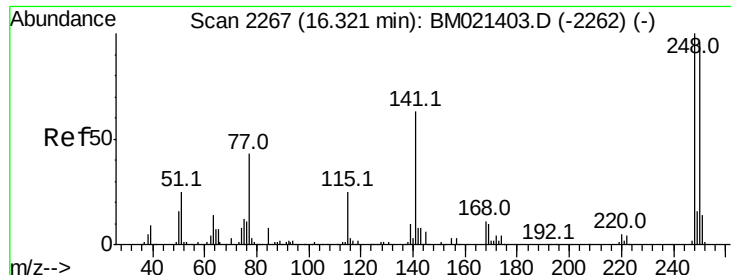
| Tot Ion   | 198  | Resp | 107316 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 4.7  |      |        |
| Upper     | 7.1  |      |        |
| 182       | 6.1  |      |        |
| 77        | 23.7 | 18.1 | 27.1   |



#64  
 N-Nitrosodiphenylamine  
 Concen: 19.910 ng/ul  
 RT: 15.64 min Scan# 2152  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

| Tgt Ion   | 169  | Resp | 529565 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 53.8 |      |        |
| Upper     | 80.6 |      |        |
| 168       | 67.6 |      |        |
| 167       | 36.6 | 28.9 | 43.3   |



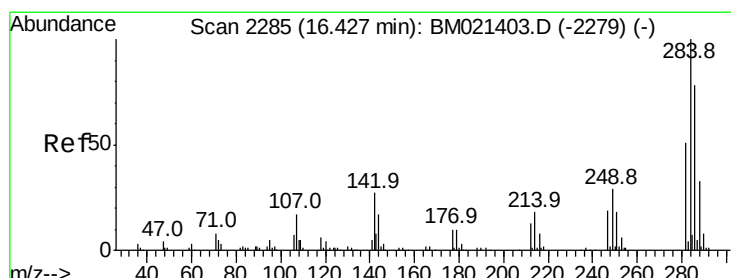
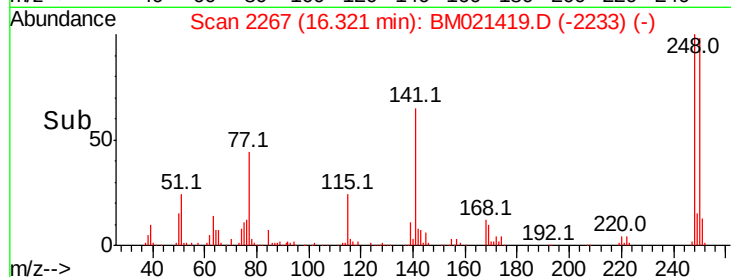
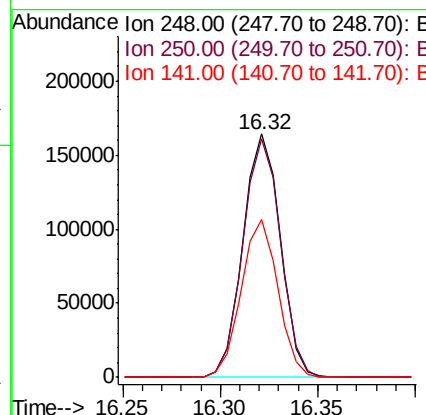
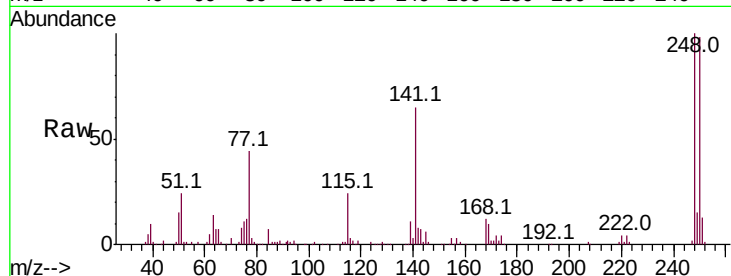


#65  
 4-Bromophenyl-phenylether  
 Concen: 19.797 ng/ul  
 RT: 16.32 min Scan# 2267  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:248 Resp: 218999  

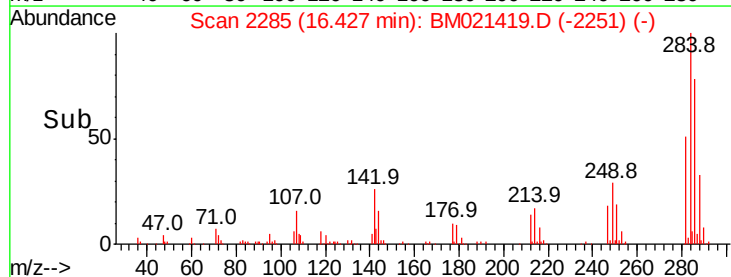
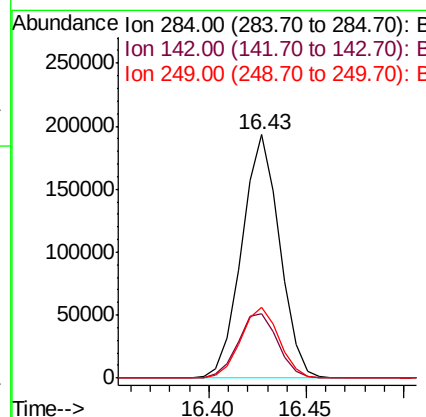
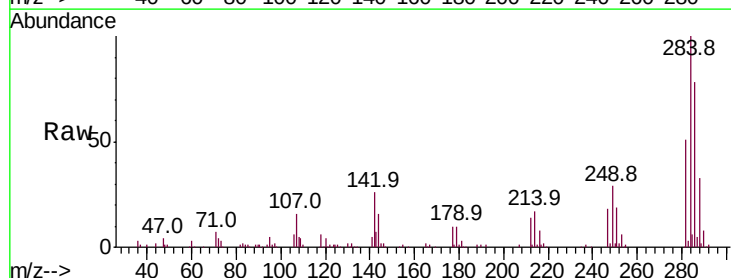
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 98.1  | 77.1  | 115.7 |
| 141 | 65.1  | 50.6  | 75.8  |

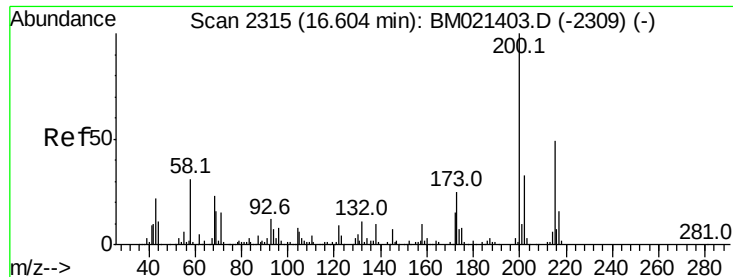


#66  
 Hexachlorobenzene  
 Concen: 19.739 ng/ul  
 RT: 16.43 min Scan# 2285  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

Tgt Ion:284 Resp: 259610  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100   |       |       |
| 142 | 26.5  | 22.0  | 33.0  |
| 249 | 28.9  | 23.3  | 34.9  |

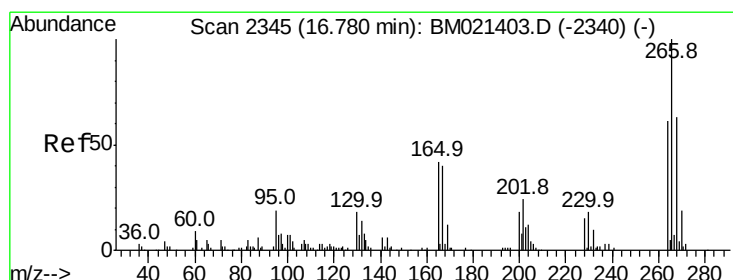
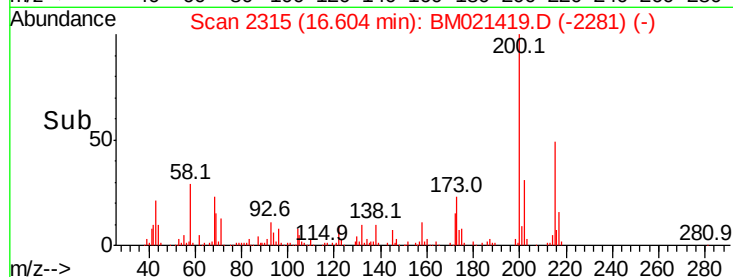
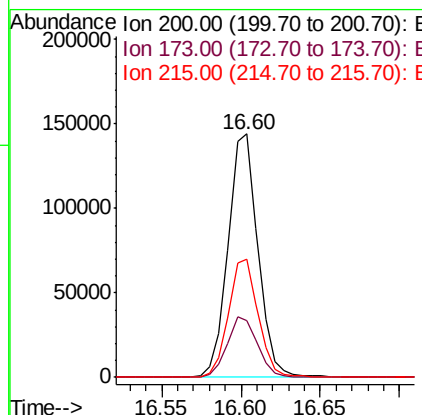
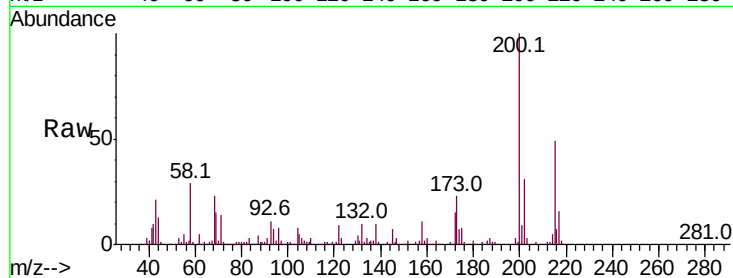




#67  
Atrazine  
Concen: 19.168 ng/ul  
RT: 16.60 min Scan# 2315  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

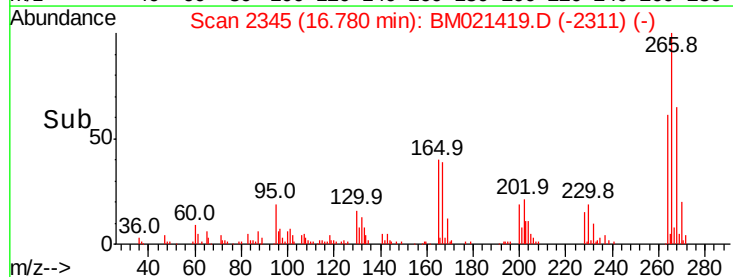
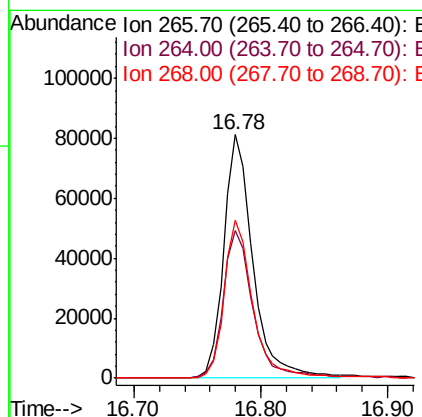
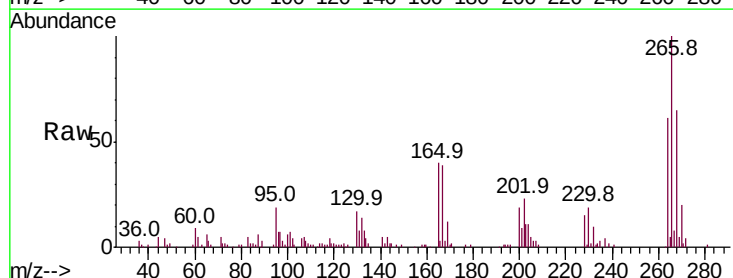
Instrument :  
BNA\_M  
ClientSampleId :

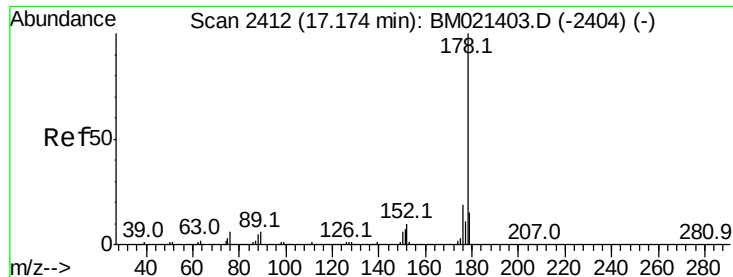
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.4  | 19.8  | 29.8  |
| 215     | 48.7  | 38.9  | 58.3  |



#68  
Pentachlorophenol  
Concen: 18.680 ng/ul  
RT: 16.78 min Scan# 2345  
Delta R.T. -0.00 min  
Lab File: BM021419.D  
Acq: 10 Jul 2019 22:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 60.8  | 49.2  | 73.8  |
| 268     | 65.1  | 50.6  | 76.0  |





#69

Phenanthrene

Concen: 19.739 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

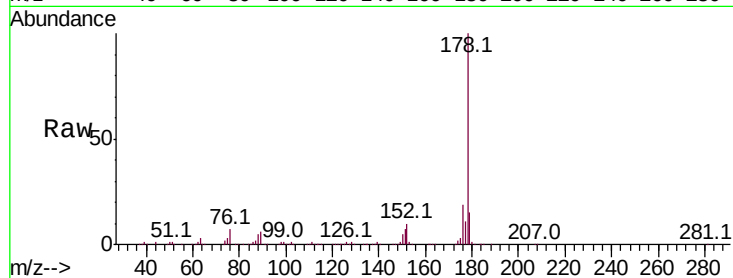
Instrument :

BNA\_M

ClientSampled :

Tot Ion:178 Resp: 995119

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.2  | 12.2  | 18.2  |
| 176 | 18.5  | 15.4  | 23.0  |

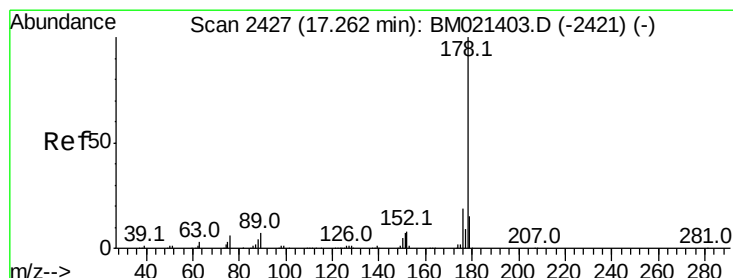
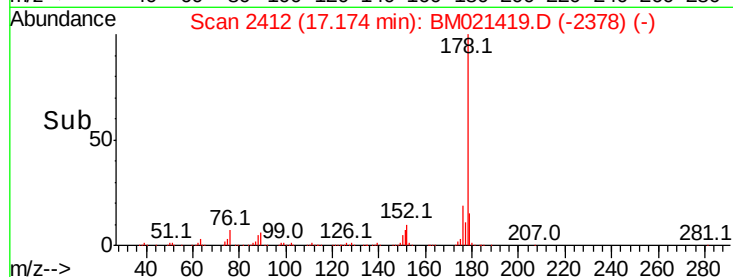
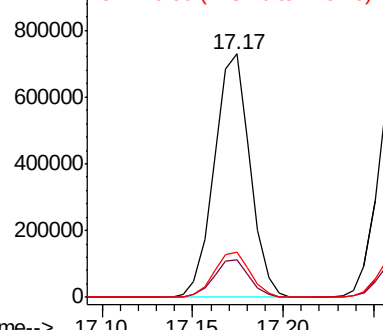


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.822 ng/ul

RT: 17.26 min Scan# 2427

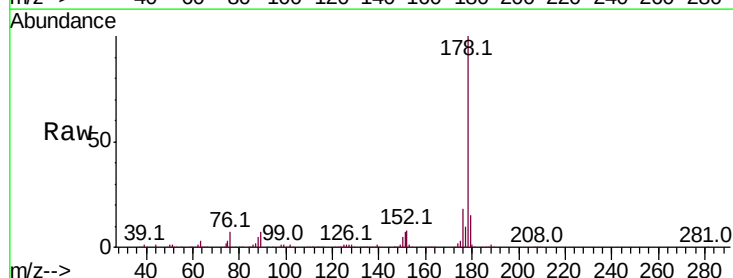
Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Tgt Ion:178 Resp: 1017085

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.1  | 12.2  | 18.2  |
| 176 | 18.3  | 14.9  | 22.3  |

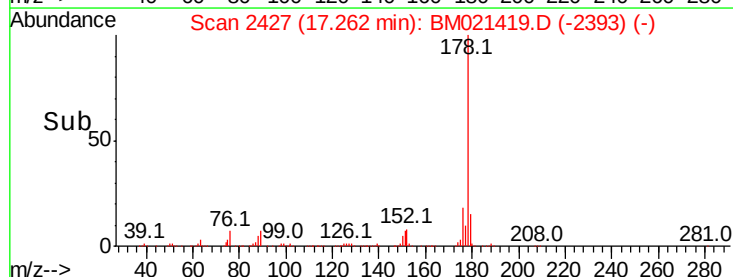
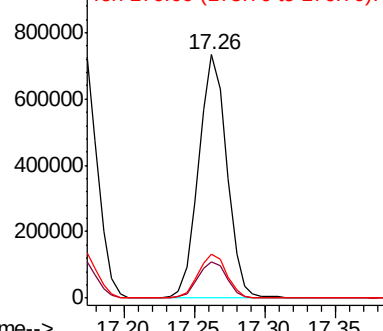


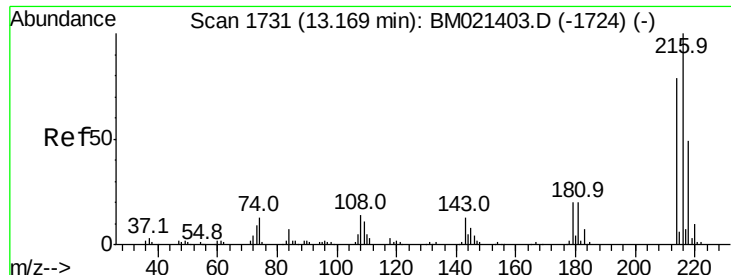
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 19.873 ng/uL

RT: 13.17 min Scan# 1731

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampled :

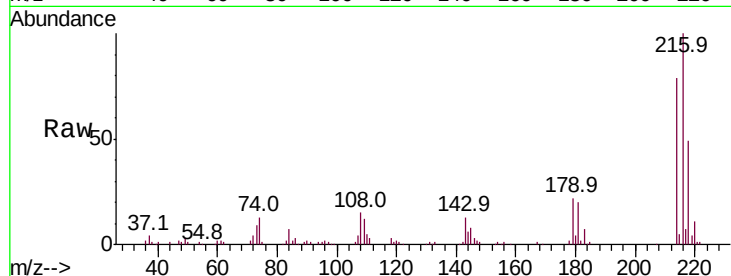
Tot Ion:216 Resp: 291269

Ion Ratio Lower Upper

216 100

214 79.0 63.1 94.7

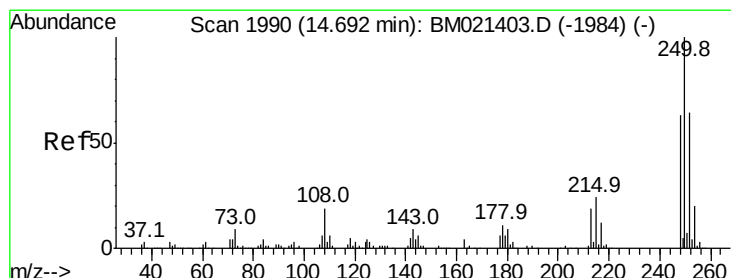
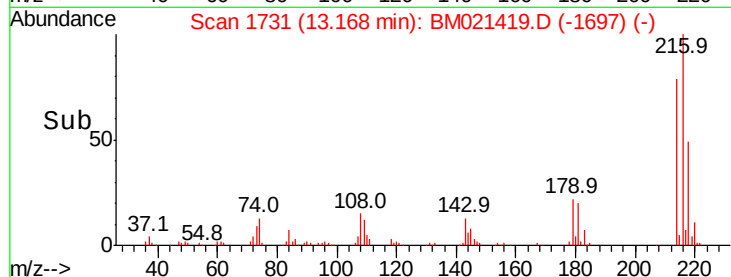
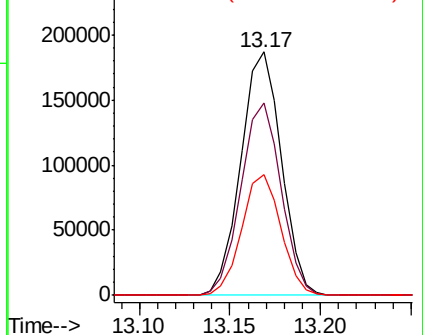
218 49.5 38.8 58.2



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 19.855 ng/uL

RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

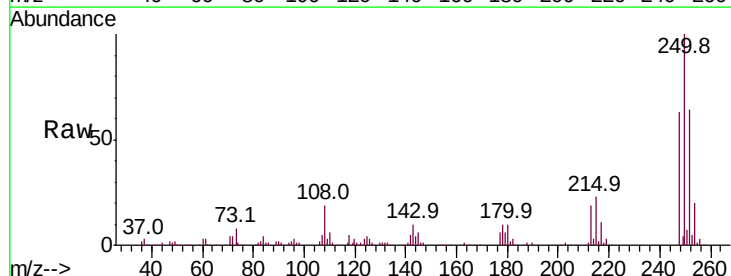
Tgt Ion:250 Resp: 299782

Ion Ratio Lower Upper

250 100

248 63.1 50.4 75.6

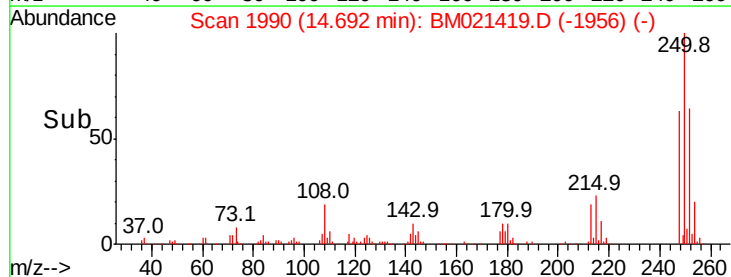
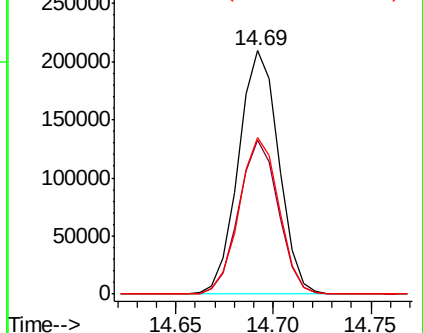
252 64.1 51.0 76.6

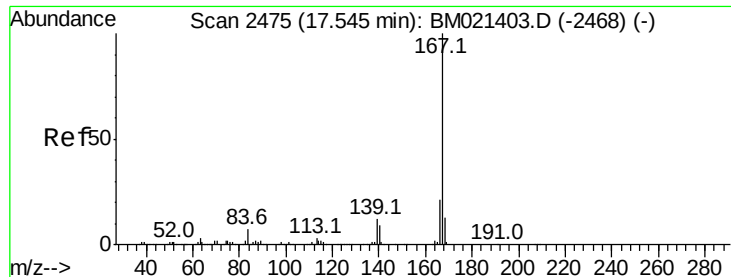


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 19.949 ng/ul

RT: 17.54 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

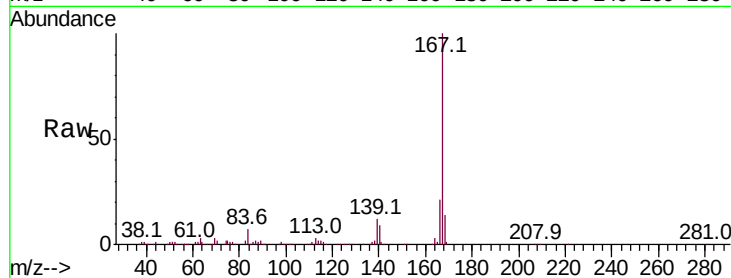
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:167 Resp: 849630

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.1  | 25.7  |
| 139 | 12.0  | 9.7   | 14.5  |

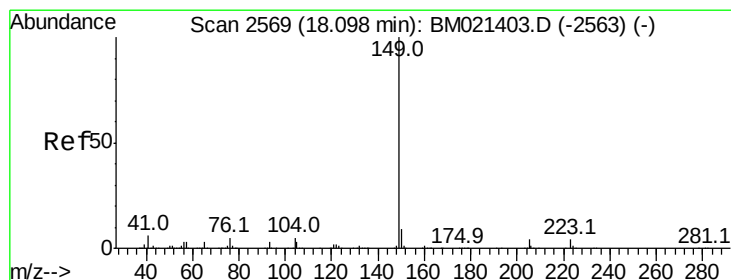
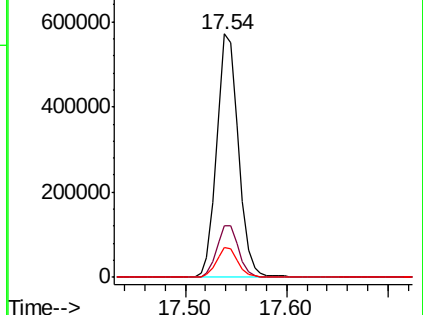
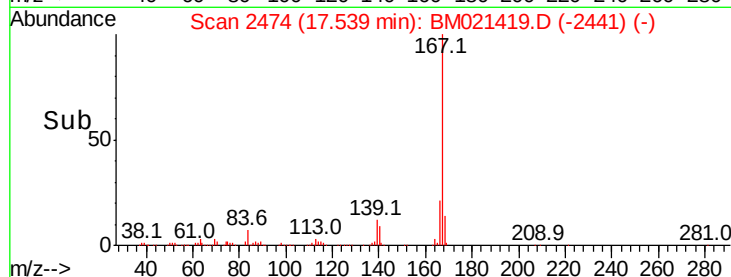


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 19.785 ng/ul

RT: 18.10 min Scan# 2569

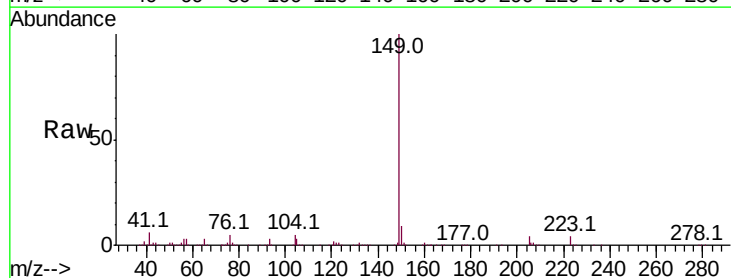
Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Tgt Ion:149 Resp: 965399

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.9   | 7.4   | 11.0  |
| 104 | 4.8   | 3.8   | 5.8   |

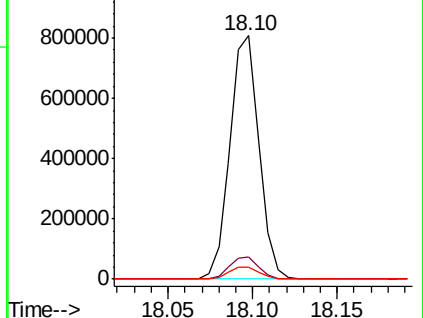
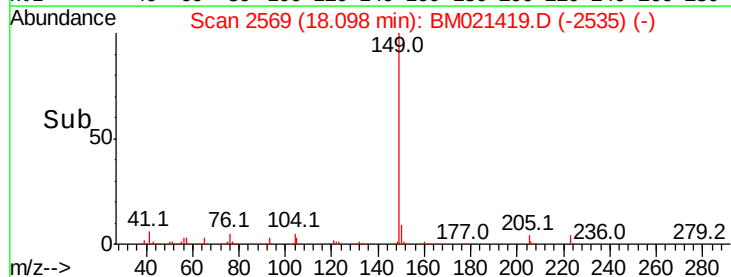


Abundance

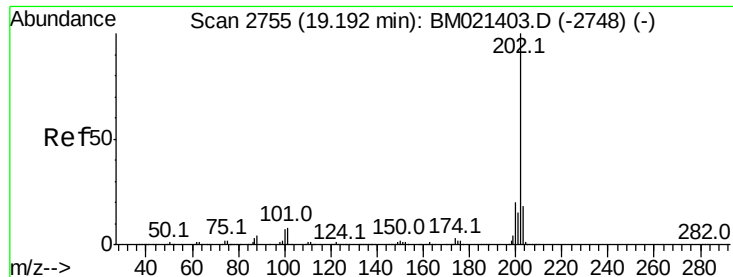
Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E







#76

Fluoranthene

Concen: 19.690 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampled :

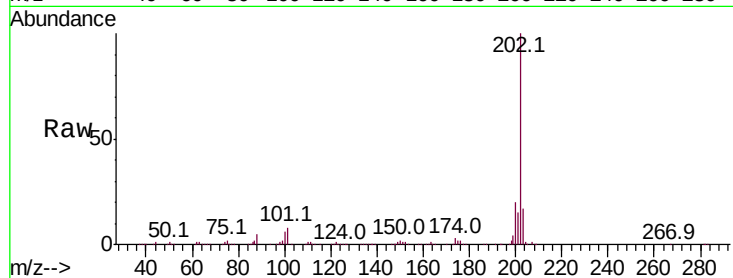
Tot Ion:202 Resp: 1178726

Ion Ratio Lower Upper

202 100

101 8.4 6.7 10.1

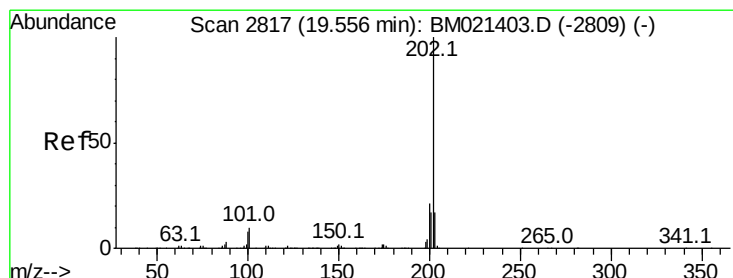
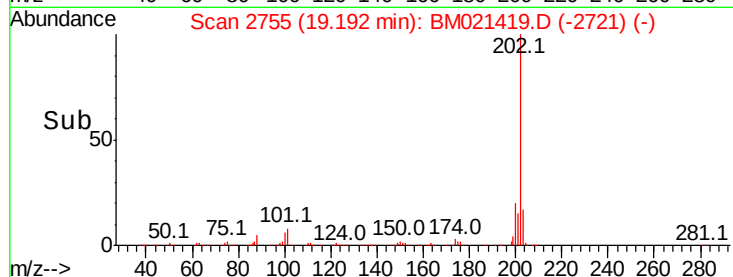
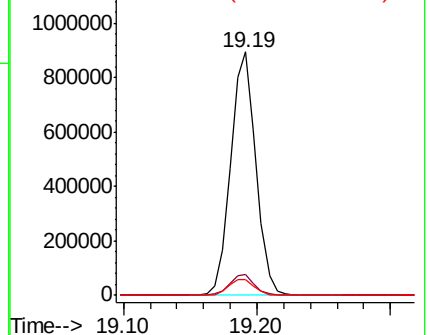
100 6.4 5.3 7.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 20.341 ng/ul

RT: 19.56 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

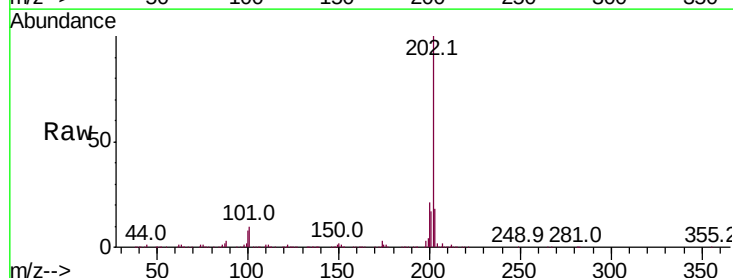
Tgt Ion:202 Resp: 1223655

Ion Ratio Lower Upper

202 100

101 9.9 7.8 11.8

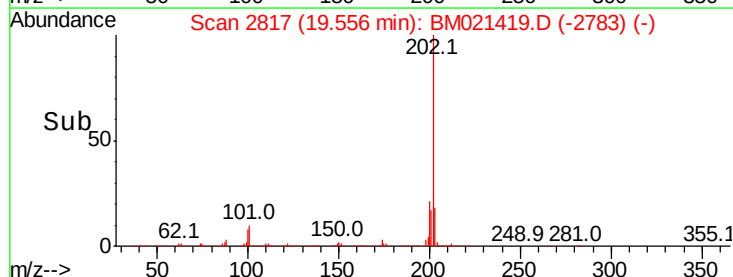
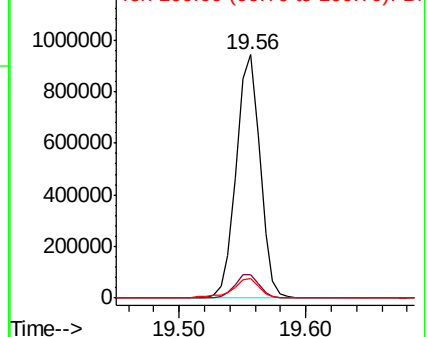
100 8.2 6.4 9.6

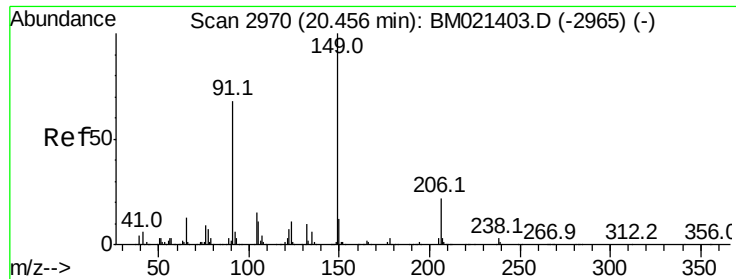


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

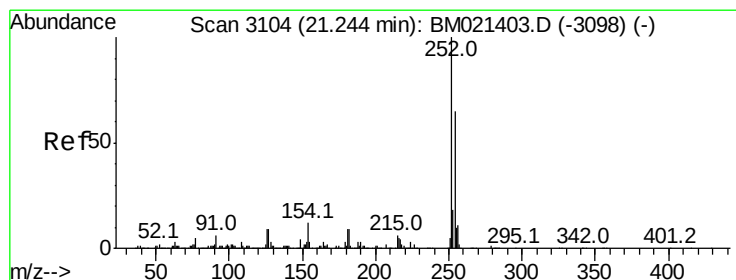
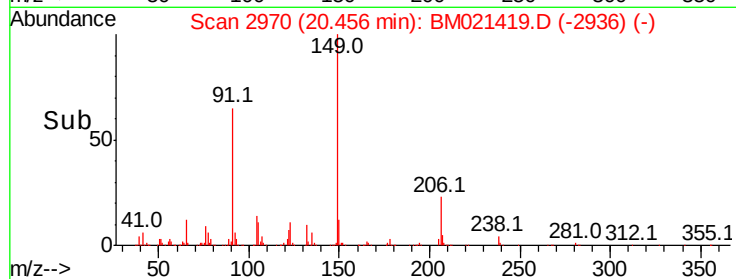
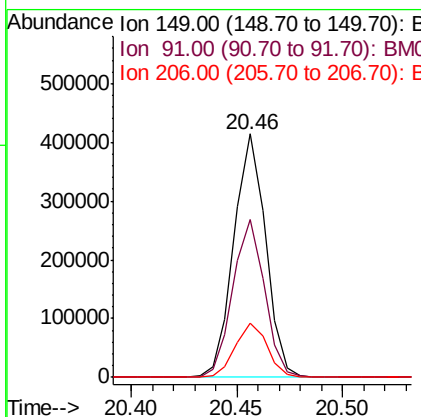
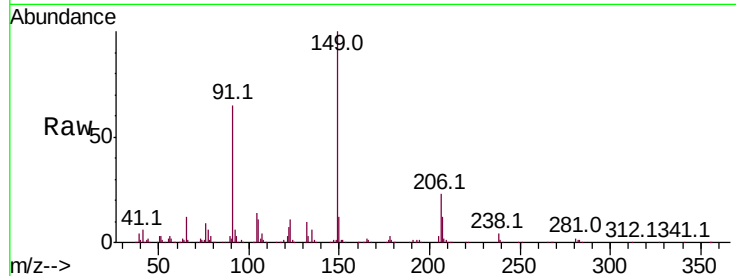




#80  
 Butylbenzylphthalate  
 Concen: 20.207 ng/ul  
 RT: 20.46 min Scan# 2970  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

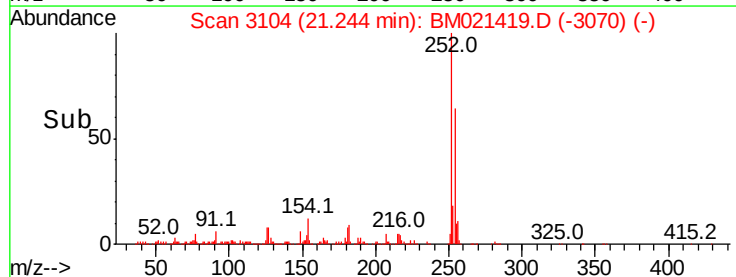
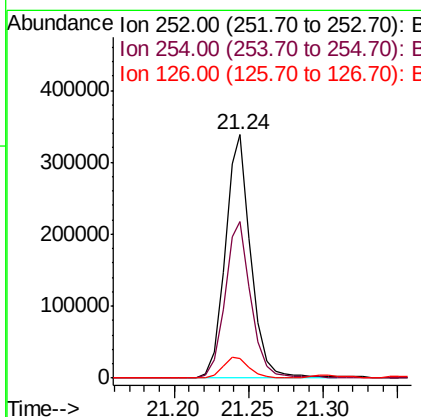
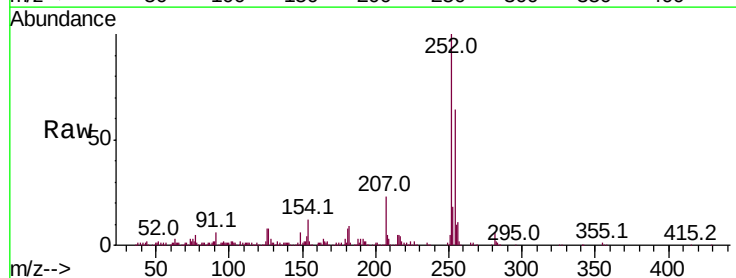
Instrument :  
 BNA\_M  
 ClientSampleId :

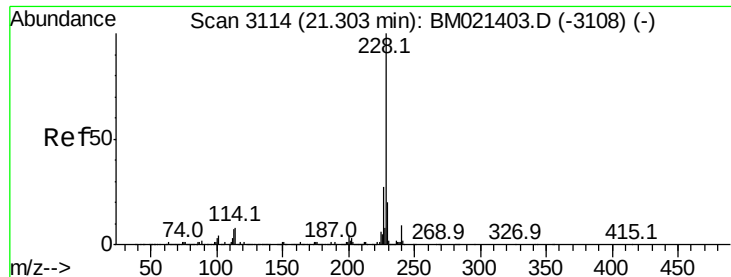
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 64.7  | 53.9  | 80.9  |
| 206     | 22.5  | 18.0  | 27.0  |



#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.160 ng/ul  
 RT: 21.24 min Scan# 3104  
 Delta R.T. -0.00 min  
 Lab File: BM021419.D  
 Acq: 10 Jul 2019 22:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.2  | 52.1  | 78.1  |
| 126     | 8.0   | 7.0   | 10.6  |





#82

Benzo(a)anthracene

Concen: 19.957 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

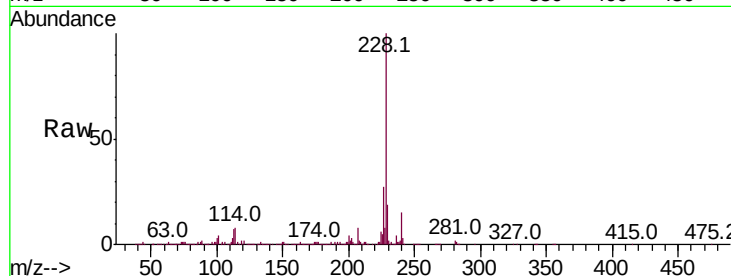
Tot Ion:228 Resp: 1242302

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.5  | 15.8  | 23.6  |
| 226 | 27.3  | 21.5  | 32.3  |

228 100

229 19.5 15.8 23.6

226 27.3 21.5 32.3

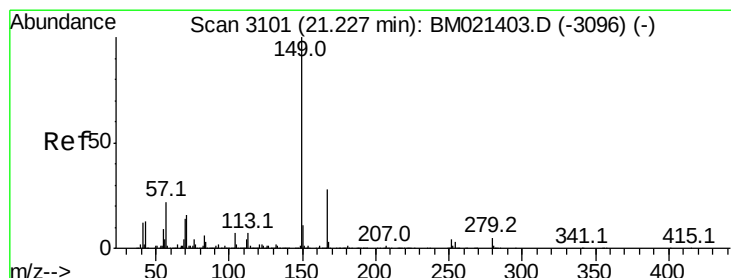
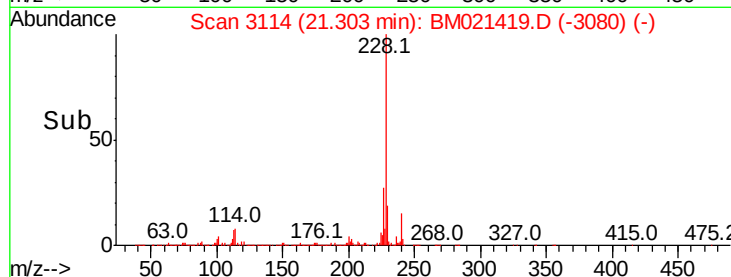
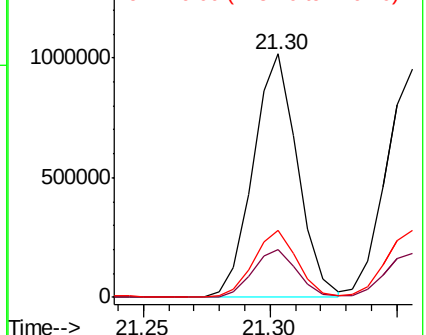


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 20.175 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

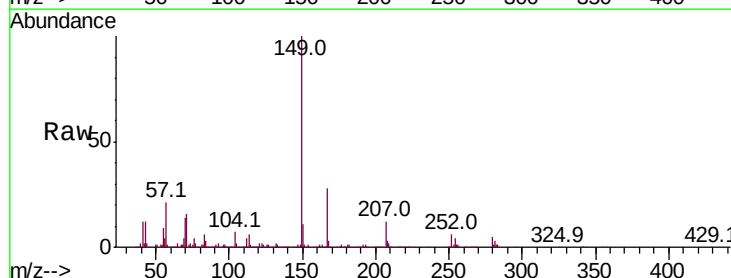
Tgt Ion:149 Resp: 632382

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.1  | 22.6  | 33.8  |
| 279 | 5.5   | 4.0   | 6.0   |

149 100

167 28.1 22.6 33.8

279 5.5 4.0 6.0

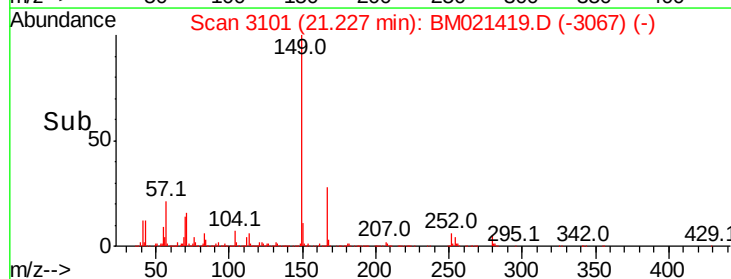
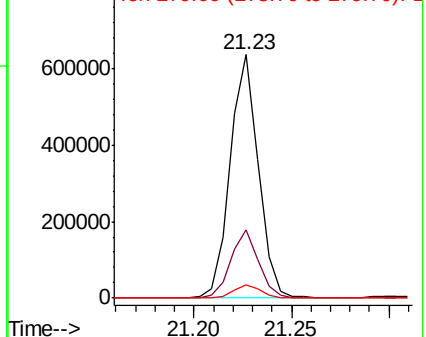


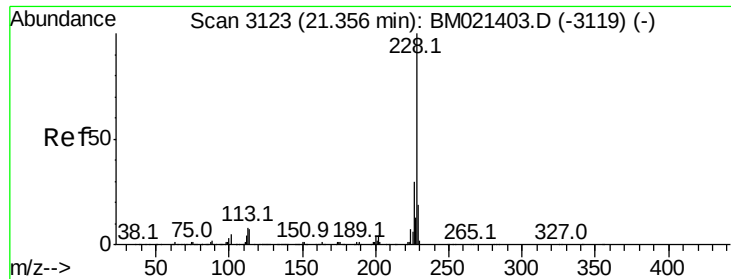
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.461 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

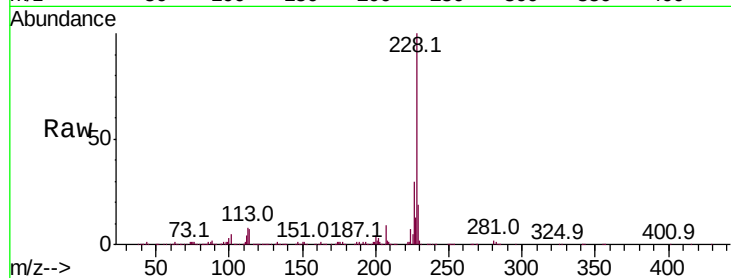
Tot Ion:228 Resp: 1197334

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

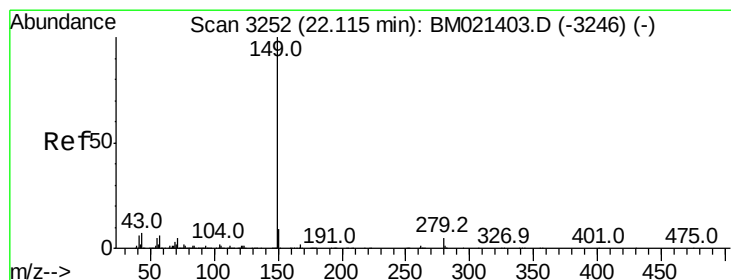
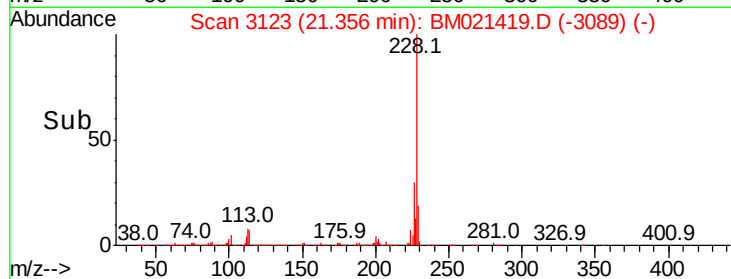
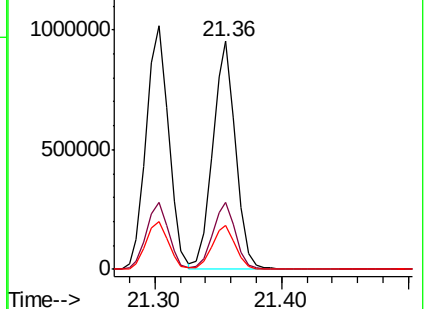
229 19.2 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 20.068 ng/ul

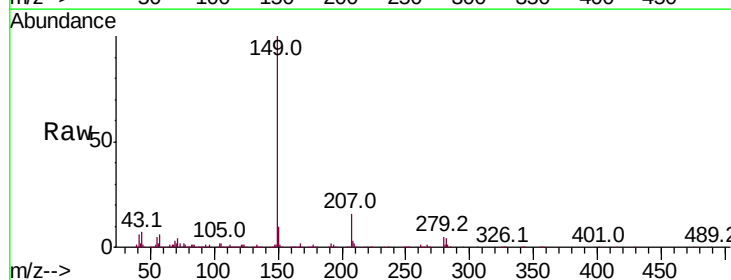
RT: 22.11 min Scan# 3252

Delta R.T. -0.00 min

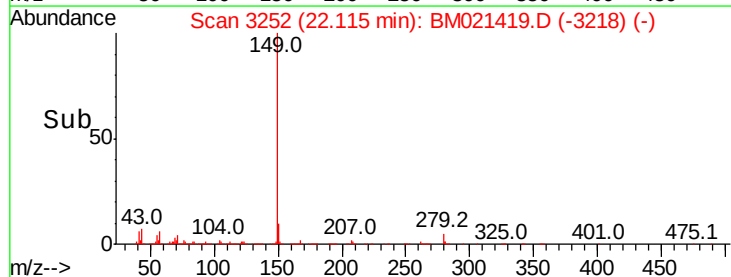
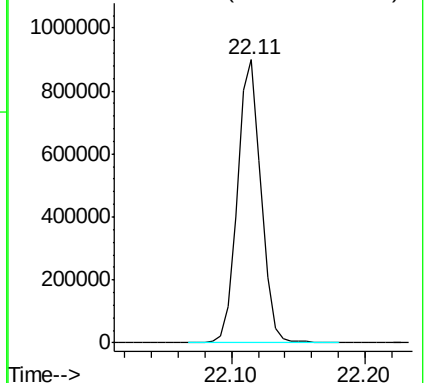
Lab File: BM021419.D

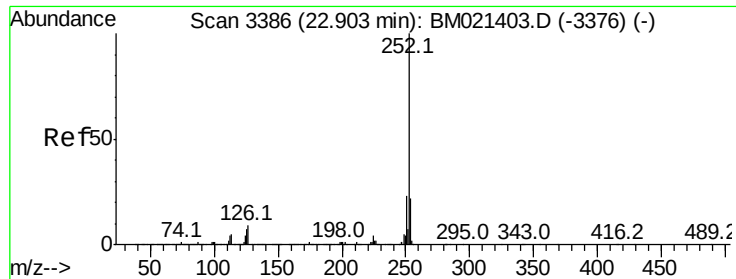
Acq: 10 Jul 2019 22:20

Tgt Ion:149 Resp: 1091407



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 20.234 ng/ul

RT: 22.90 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

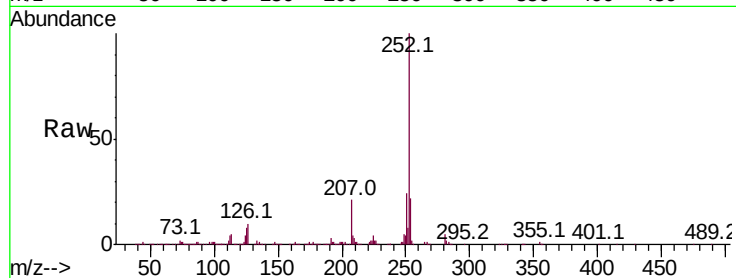
Tot Ion:252 Resp: 1269459

Ion Ratio Lower Upper

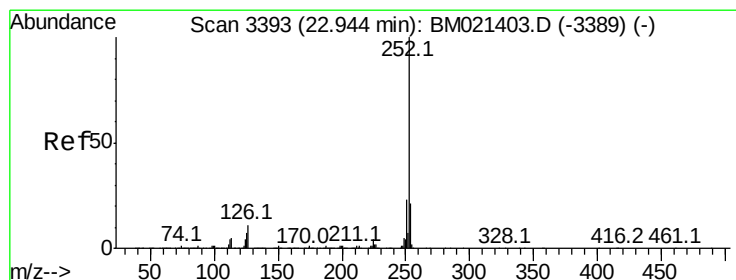
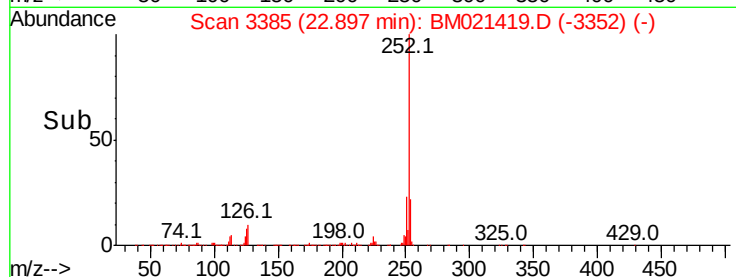
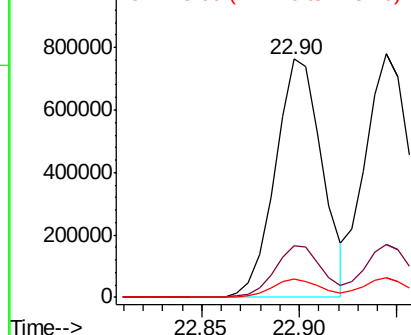
252 100

253 21.8 17.5 26.3

125 8.0 5.9 8.9



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: 20.255 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

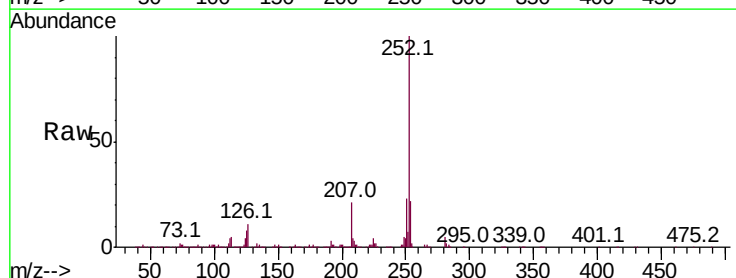
Tgt Ion:252 Resp: 1265731

Ion Ratio Lower Upper

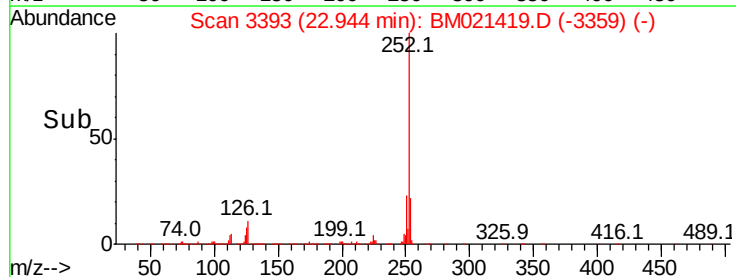
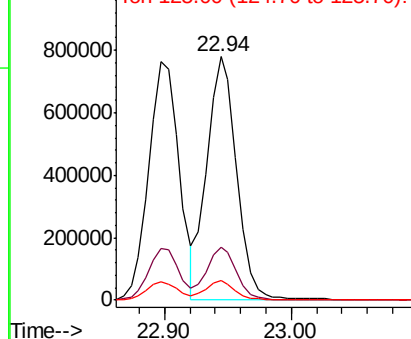
252 100

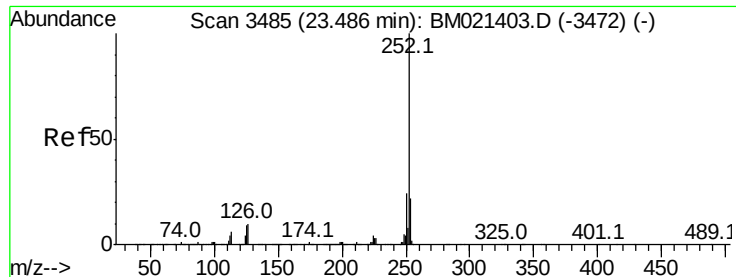
253 21.9 17.1 25.7

125 7.9 5.8 8.8



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





#90

Benzo(a)pyrene

Concen: 20.256 ng/ul

RT: 23.49 min Scan# 3485

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

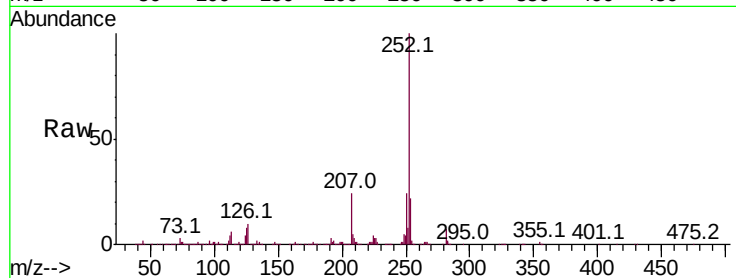
Tot Ion:252 Resp: 1227455

Ion Ratio Lower Upper

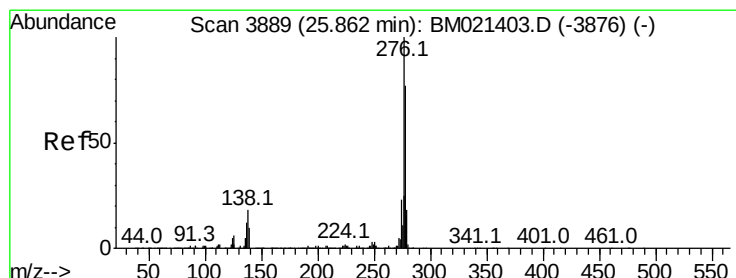
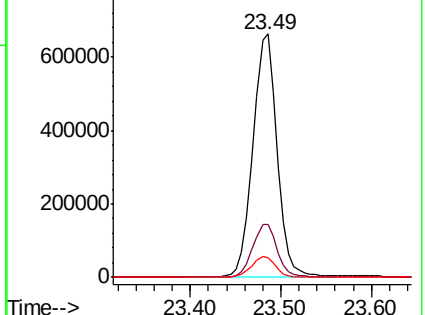
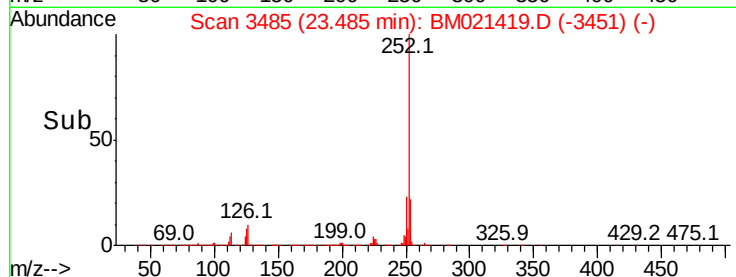
252 100

253 21.7 17.5 26.3

125 8.3 6.9 10.3



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 20.229 ng/ul

RT: 25.86 min Scan# 3889

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

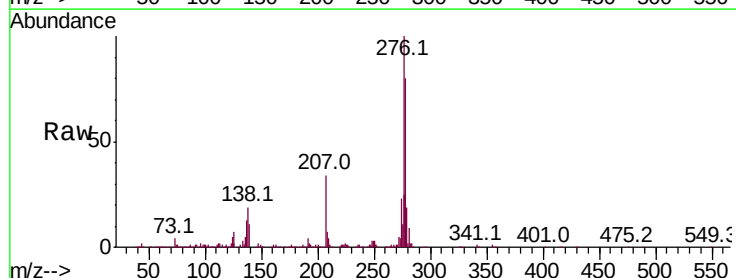
Tgt Ion:276 Resp: 1514209

Ion Ratio Lower Upper

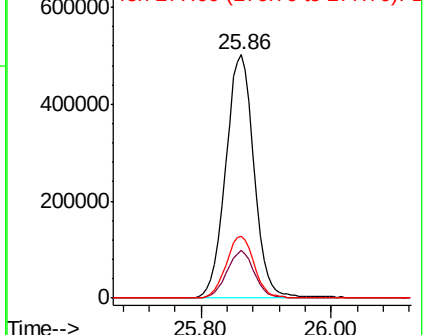
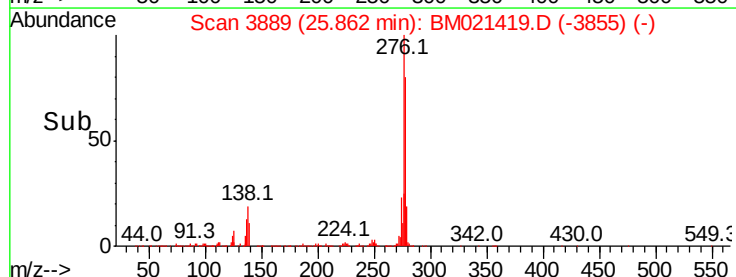
276 100

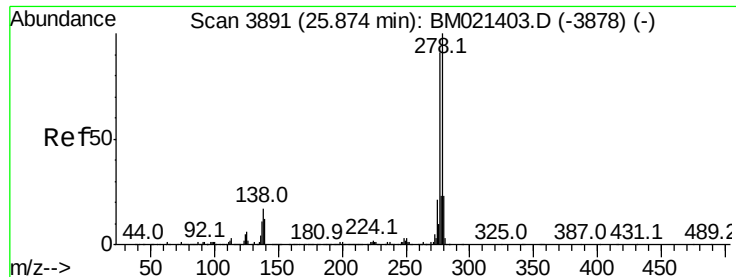
138 19.5 14.8 22.2

277 25.3 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





#92

Dibenzo(a,h)anthracene

Concen: 20.051 ng/ul

RT: 25.87 min Scan# 3891

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

Instrument :

BNA\_M

ClientSampleId :

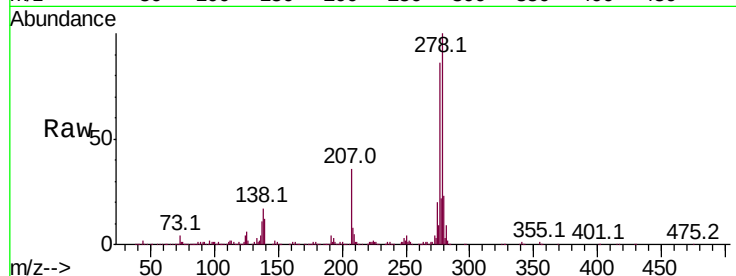
Tot Ion:278 Resp: 1261752

Ion Ratio Lower Upper

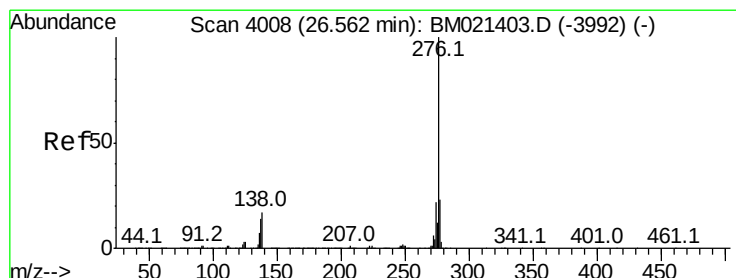
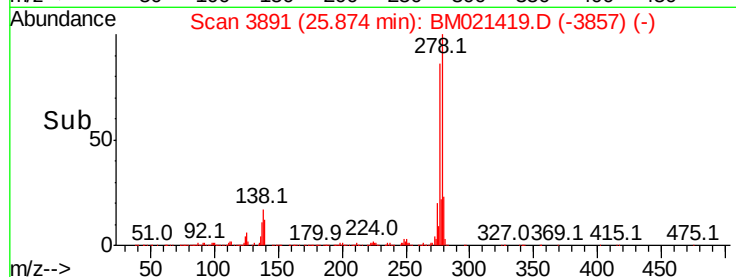
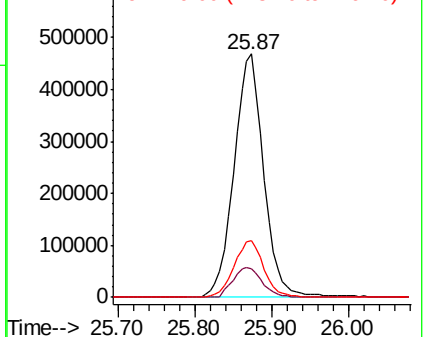
278 100

139 11.6 9.8 14.6

279 23.3 18.6 28.0



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



#93

Benzo(g,h,i)perylene

Concen: 20.155 ng/ul

RT: 26.56 min Scan# 4008

Delta R.T. -0.00 min

Lab File: BM021419.D

Acq: 10 Jul 2019 22:20

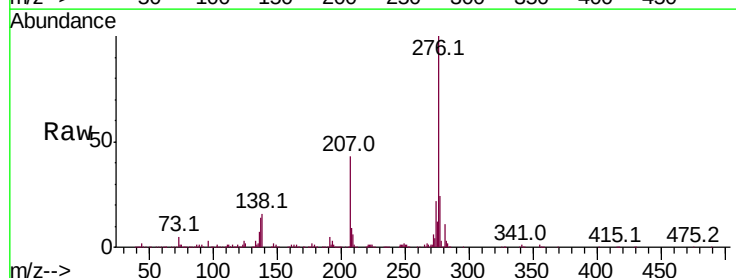
Tgt Ion:276 Resp: 1244709

Ion Ratio Lower Upper

276 100

138 16.3 13.4 20.2

277 24.0 18.8 28.2



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

