

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\  
 Data File : BM024061.D  
 Acq On : 12 Dec 2019 16:39  
 Operator : JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 13 01:00:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM112719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 07 04:26:57 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 369300   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.25 | 136  | 1568863  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.13 | 164  | 967302   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.89 | 188  | 1930844  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.10 | 240  | 1649263  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.23 | 264  | 1864989  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.03  | 96  | 72211   | 8.70  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.66  | 99  | 633883  | 19.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67  | 386755  | 20.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.01  | 132 | 494497  | 19.77 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.19  | 113 | 502298  | 19.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.63  | 128 | 234992  | 19.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.35  | 143 | 263982  | 19.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.88  | 165 | 503612  | 19.22 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.39 | 131 | 607104  | 21.11 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.56 | 166 | 1455605 | 19.37 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.82 | 160 | 1694158 | 19.23 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.36 | 143 | 226937  | 17.96 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.13 | 176 | 1202289 | 19.01 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.28 | 200 | 206058  | 17.00 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.99 | 188 | 1760739 | 19.09 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.29 | 212 | 1742977 | 20.45 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.10 | 264 | 1881704 | 19.09 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.06  | 88  | 74968   | 8.422  | ng/uL 96  |
| 4) Benzaldehyde                | 6.63  | 77  | 239275  | 14.037 | ng/ul 94  |
| 6) Phenol                      | 6.69  | 94  | 675488  | 20.288 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 6.92  | 93  | 539520  | 20.840 | ng/ul 98  |
| 10) 2-Chlorophenol             | 7.05  | 128 | 535022  | 20.901 | ng/ul 99  |
| 11) 2-Methylphenol             | 7.93  | 108 | 505594  | 20.356 | ng/ul 97  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.00  | 45  | 605707  | 21.548 | ng/ul 99  |
| 14) Acetophenone               | 8.30  | 105 | 811062  | 20.774 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.29  | 70  | 452236  | 21.664 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.26  | 108 | 550086  | 20.351 | ng/ul 98  |
| 17) Hexachloroethane           | 8.53  | 117 | 215218  | 20.383 | ng/ul 99  |
| 20) Nitrobenzene               | 8.67  | 77  | 626895  | 21.193 | ng/ul 99  |
| 21) Isophorone                 | 9.20  | 82  | 1179546 | 21.005 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.37  | 139 | 299100  | 20.427 | ng/ul 99  |
| 24) 2,4-Dimethylphenol         | 9.45  | 107 | 609300  | 20.622 | ng/ul 98  |
| 25) Bis(2-Chloroethoxy)methane | 9.68  | 93  | 738084  | 20.949 | ng/ul 98  |
| 27) 2,4-Dichlorophenol         | 9.90  | 162 | 514579  | 20.432 | ng/ul 98  |
| 28) Naphthalene                | 10.29 | 128 | 1698094 | 20.531 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.42 | 127 | 642445  | 21.706 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.58 | 225 | 314539  | 19.779 | ng/ul 95  |
| 32) Caprolactam                | 11.21 | 113 | 72868   | 9.582  | ng/ul 94  |
| 33) 4-Chloro-3-methylphenol    | 11.56 | 107 | 550521  | 20.653 | ng/ul 100 |
| 34) 2-Methylnaphthalene        | 11.92 | 142 | 1228507 | 20.456 | ng/ul 100 |

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 QLast Update : Sat Dec 07 04:26:57 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.15 | 142  | 1164293  | 19.746 | ng/ul | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.30 | 216  | 606086   | 20.088 | ng/ul | 99       |
| 38) Hexachlorocyclopentadiene  | 12.27 | 237  | 260071   | 18.498 | ng/ul | 99       |
| 39) 2,4,6-Trichlorophenol      | 12.55 | 196  | 392571   | 19.973 | ng/ul | 99       |
| 40) 2,4,5-Trichlorophenol      | 12.63 | 196  | 410363   | 19.640 | ng/ul | 100      |
| 41) 1,1'-Biphenyl              | 12.96 | 154  | 1588591  | 20.326 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 12.99 | 162  | 1218996  | 20.384 | ng/ul | 99       |
| 43) 2-Nitroaniline             | 13.22 | 65   | 334055   | 21.491 | ng/ul | 98       |
| 45) Dimethylphthalate          | 13.60 | 163  | 1496629  | 20.342 | ng/ul | 100      |
| 46) 2,6-Dinitrotoluene         | 13.72 | 165  | 297323   | 20.655 | ng/ul | 98       |
| 48) Acenaphthylene             | 13.85 | 152  | 1853434  | 20.808 | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.05 | 138  | 265201   | 19.701 | ng/ul | 99       |
| 50) Acenaphthene               | 14.20 | 153  | 1285751  | 20.318 | ng/ul | 99       |
| 51) 2,4-Dinitrophenol          | 14.28 | 184  | 139306   | 18.155 | ng/ul | 99       |
| 53) 4-Nitrophenol              | 14.38 | 109  | 177671   | 19.082 | ng/ul | 99       |
| 54) Dibenzofuran               | 14.54 | 168  | 1821850  | 20.348 | ng/ul | 99       |
| 55) 2,4-Dinitrotoluene         | 14.53 | 165  | 430583   | 20.565 | ng/ul | 94       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.77 | 232  | 357912   | 19.445 | ng/ul | 99       |
| 57) Diethylphthalate           | 14.98 | 149  | 1504305  | 20.433 | ng/ul | 99       |
| 59) Fluorene                   | 15.19 | 166  | 1447070  | 20.040 | ng/ul | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.19 | 204  | 716869   | 19.706 | ng/ul | 97       |
| 61) 4-Nitroaniline             | 15.23 | 138  | 243576   | 16.040 | ng/ul | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.29 | 198  | 236692   | 18.183 | ng/ul | 99       |
| 65) N-Nitrosodiphenylamine     | 15.41 | 169  | 1267752  | 20.733 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.09 | 248  | 465830   | 19.789 | ng/ul | 98       |
| 67) Hexachlorobenzene          | 16.20 | 284  | 537059   | 19.684 | ng/ul | 97       |
| 68) Atrazine                   | 16.37 | 200  | 421317   | 19.655 | ng/ul | 99       |
| 69) Pentachlorophenol          | 16.55 | 266  | 275122   | 17.795 | ng/ul | 96       |
| 70) Phenanthrene               | 16.93 | 178  | 2206629  | 20.230 | ng/ul | 99       |
| 72) Anthracene                 | 17.02 | 178  | 2258840  | 20.397 | ng/ul | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.92 | 216  | 598101   | 20.596 | ng/uL | 99       |
| 74) Pentachlorobenzene         | 14.46 | 250  | 617132   | 19.762 | ng/uL | 98       |
| 75) Carbazole                  | 17.30 | 167  | 1924527  | 20.070 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 17.87 | 149  | 2373652  | 19.907 | ng/ul | 99       |
| 77) Fluoranthene               | 18.96 | 202  | 2348944  | 20.081 | ng/ul | 99       |
| 80) Pvrene                     | 19.32 | 202  | 2407559  | 21.666 | ng/ul | 99       |
| 81) Butylbenzylphthalate       | 20.25 | 149  | 998052   | 21.141 | ng/ul | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.02 | 252  | 724714   | 17.379 | ng/ul | 100      |
| 83) Benzo(a)anthracene         | 21.08 | 228  | 2238036  | 20.302 | ng/ul | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 1436334  | 20.470 | ng/ul | 100      |
| 85) Chrysene                   | 21.13 | 228  | 2105984  | 20.343 | ng/ul | 100      |
| 87) Di-n-octyl phthalate       | 21.89 | 149  | 2324850  | 21.319 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.60 | 252  | 2288117  | 19.839 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 22.64 | 252  | 2298399  | 20.993 | ng/ul | 98       |
| 91) Benzo(a)pyrene             | 23.14 | 252  | 2207574  | 20.244 | ng/ul | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.35 | 276  | 2706521  | 19.987 | ng/ul | 99       |
| 93) Dibenzo(a,h)anthracene     | 25.36 | 278  | 2283698  | 20.078 | ng/ul | 99       |
| 94) Benzo(a,h,i)perylene       | 25.99 | 276  | 2250648  | 19.846 | ng/ul | 98       |

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Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

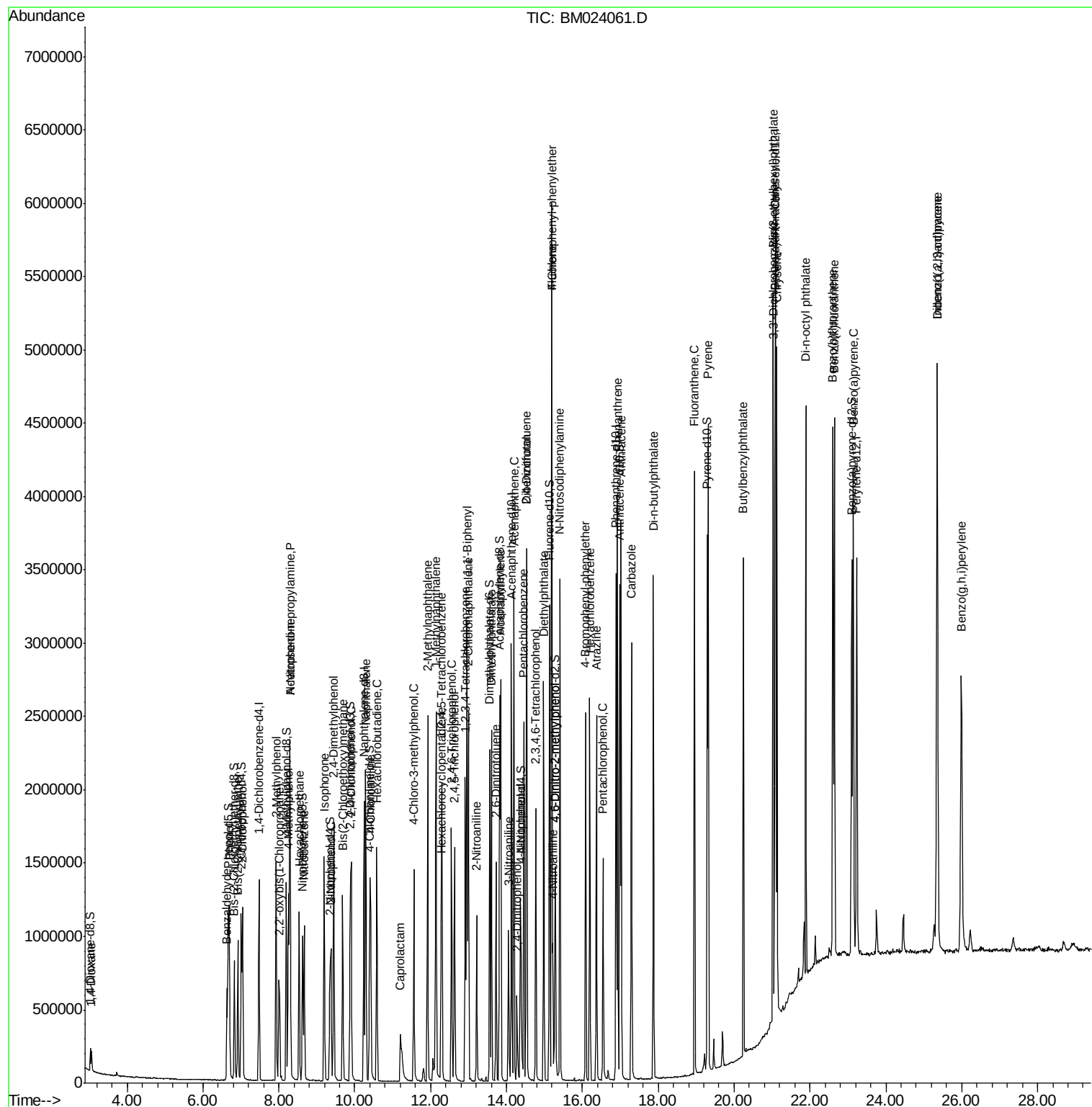
Quant Time: Dec 13 01:00:11 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM112719MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Dec 07 04:26:57 2019  
Response via : Initial Calibration

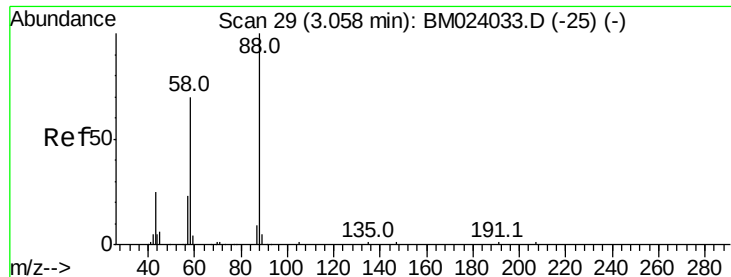
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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 BNA\_M  
 ClientSampled :

Quant Time: Dec 13 01:00:11 2019  
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 Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 8.422 ng/uL

RT: 3.06 min Scan# 29

Delta R.T. 0.00 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

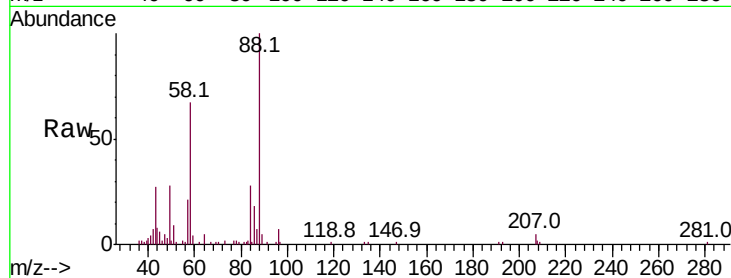
Tot Ion: 88 Resp: 74968

Ion Ratio Lower Upper

88 100

43 27.1 23.4 35.0

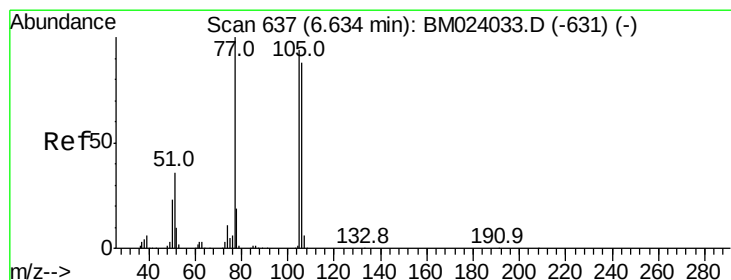
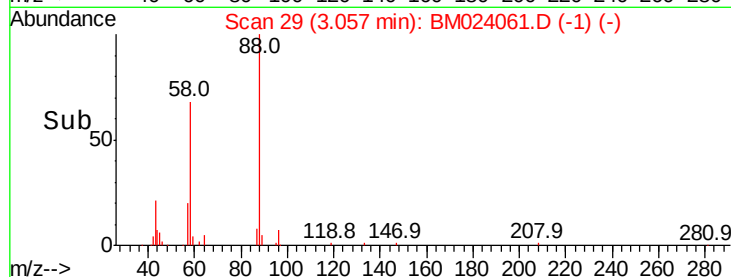
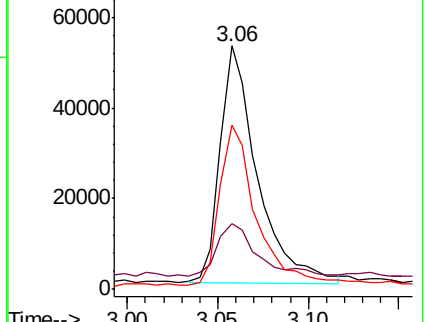
58 67.3 51.3 76.9



Abundance Ion 88.00 (87.70 to 88.70): BM024033.D (-25) (-)

Ion 43.00 (42.70 to 43.70): BM024033.D (-25) (-)

Ion 58.00 (57.70 to 58.70): BM024033.D (-25) (-)



#4

Benzaldehyde

Concen: 14.037 ng/uL

RT: 6.63 min Scan# 637

Delta R.T. 0.00 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

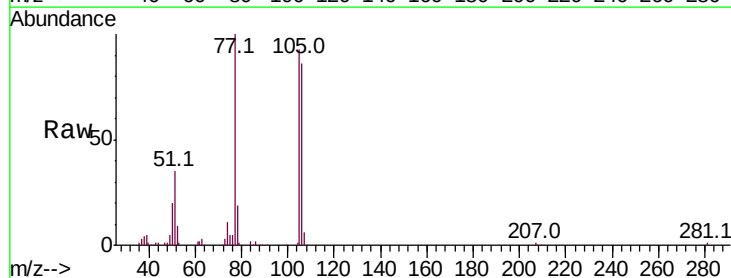
Tgt Ion: 77 Resp: 239275

Ion Ratio Lower Upper

77 100

105 92.8 78.1 117.1

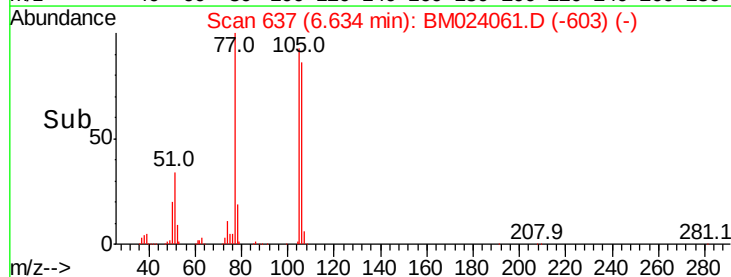
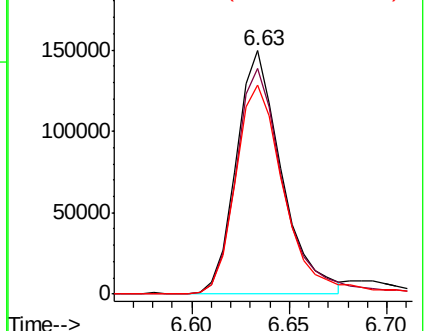
106 85.9 73.8 110.6

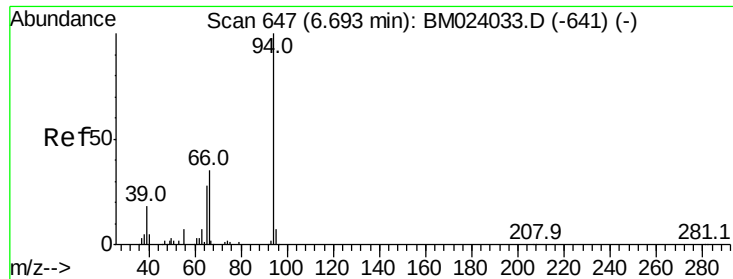


Abundance Ion 77.00 (76.70 to 77.70): BM024033.D (-631) (-)

Ion 105.00 (104.70 to 105.70): BM024033.D (-631) (-)

Ion 106.00 (105.70 to 106.70): BM024033.D (-631) (-)





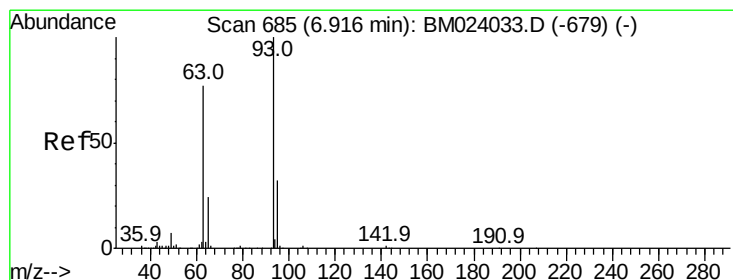
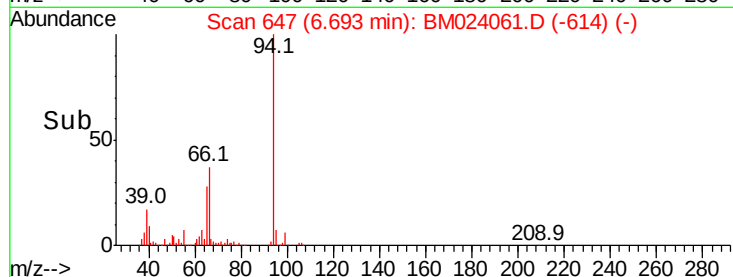
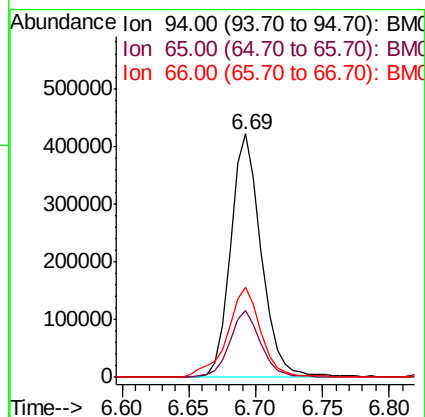
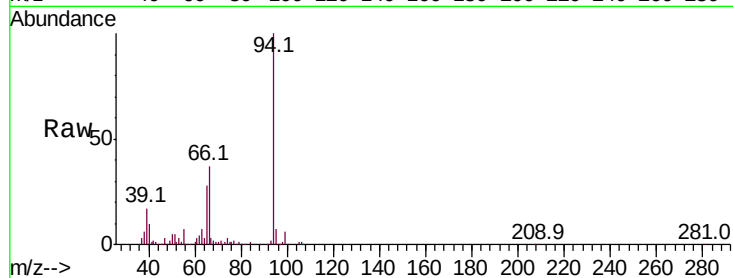
#6

Phenol

Concen: 20.288 ng/ul  
 RT: 6.69 min Scan# 647  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion: 94 Resp: 675488  
 Ion Ratio Lower Upper  
 94 100  
 65 27.5 21.7 32.5  
 66 36.9 28.8 43.2

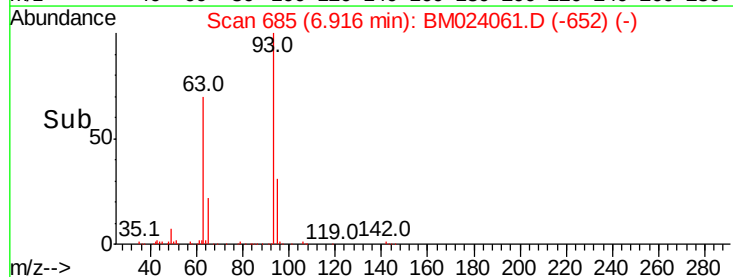
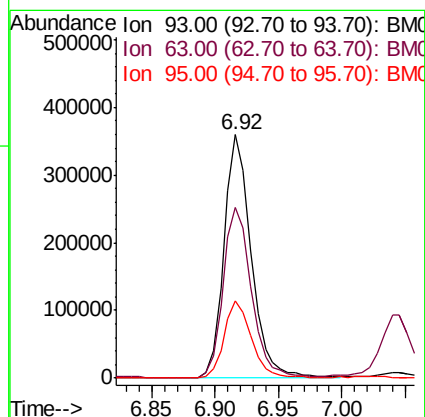
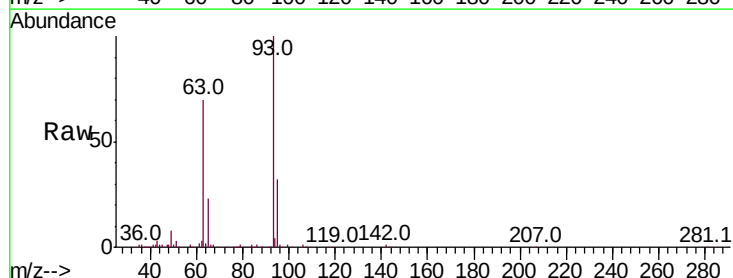


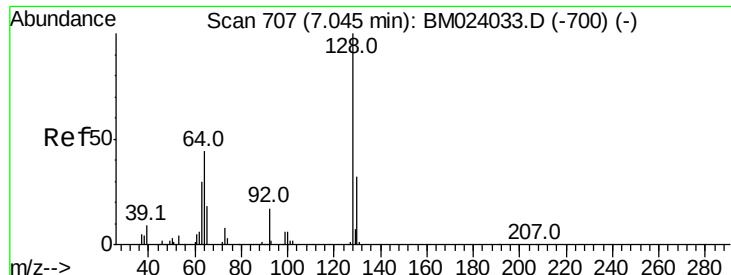
#8

Bis(2-Chloroethyl)ether

Concen: 20.840 ng/ul  
 RT: 6.92 min Scan# 685  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

Tgt Ion: 93 Resp: 539520  
 Ion Ratio Lower Upper  
 93 100  
 63 70.2 57.9 86.9  
 95 31.7 25.9 38.9

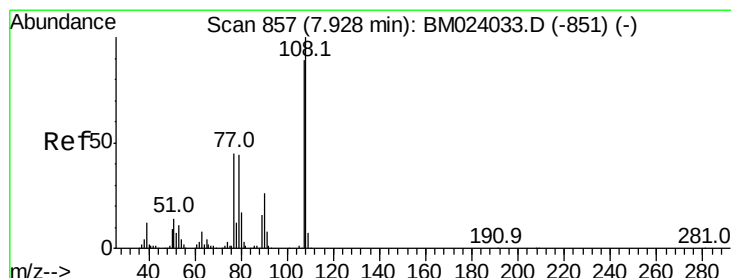
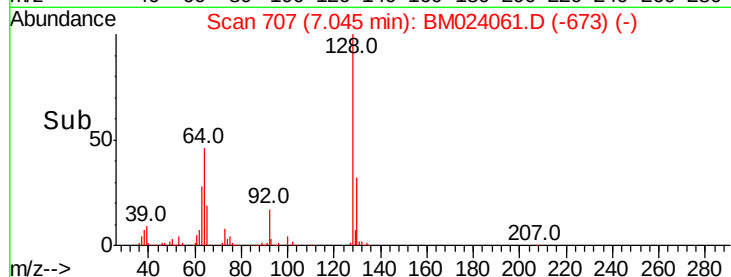
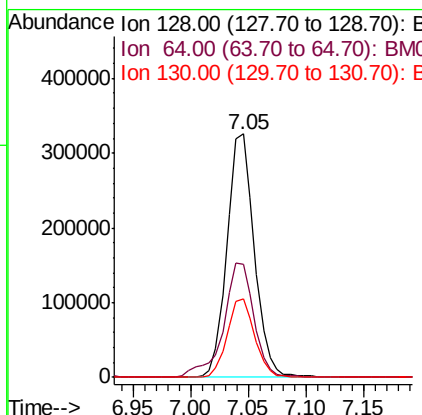
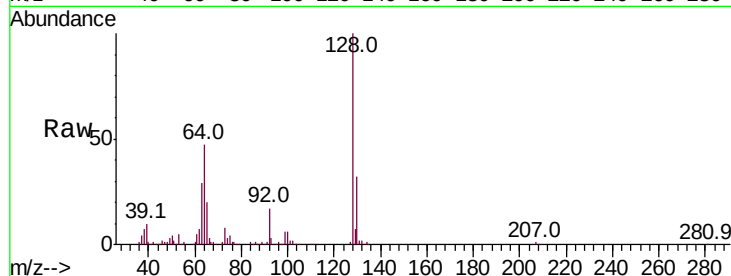




#10  
2-Chlorophenol  
Concen: 20.901 ng/ul  
RT: 7.05 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

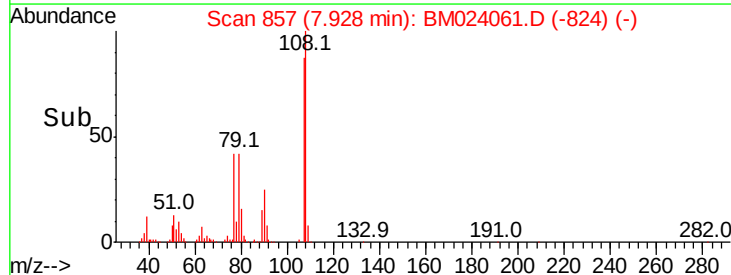
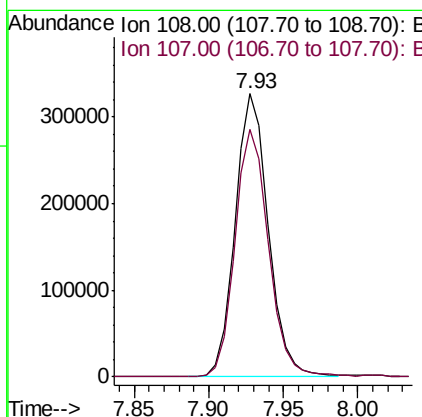
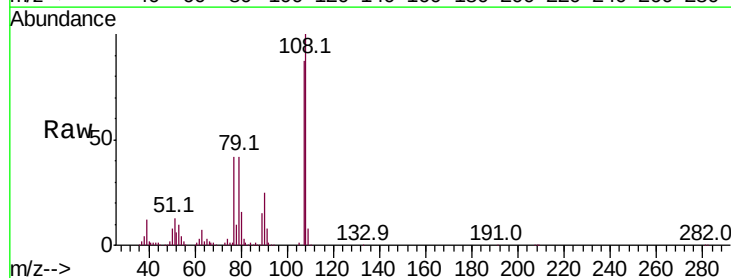
Instrument :  
BNA\_M  
ClientSampleId :

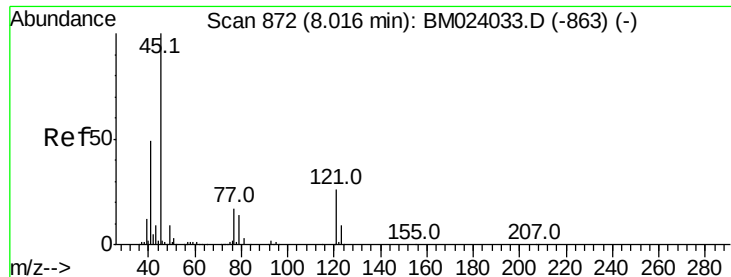
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 46.6  | 38.2  | 57.4  |
| 130     | 32.3  | 25.9  | 38.9  |



#11  
2-Methylphenol  
Concen: 20.356 ng/ul  
RT: 7.93 min Scan# 857  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 87.4  | 72.5  | 108.7 |

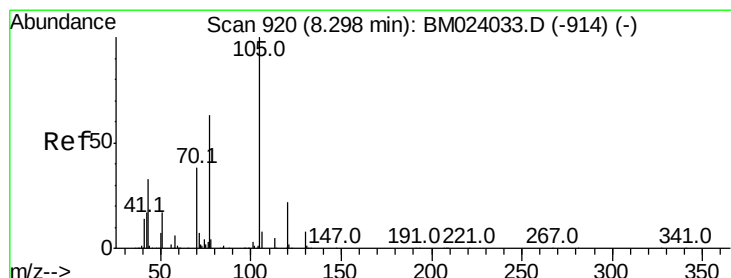
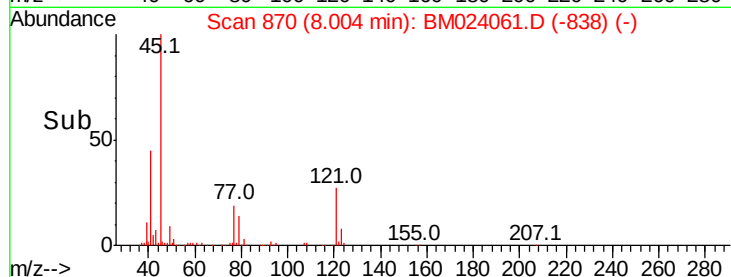
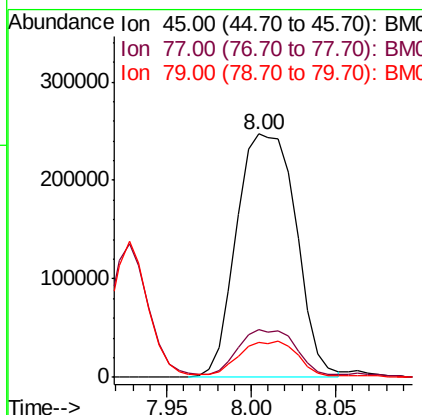
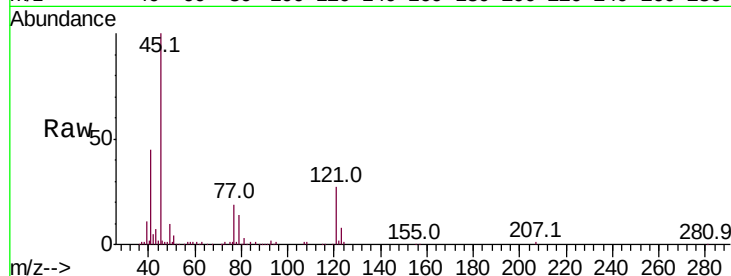




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 21.548 ng/ul  
RT: 8.00 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

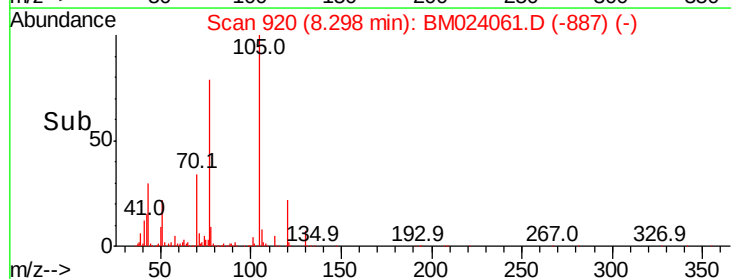
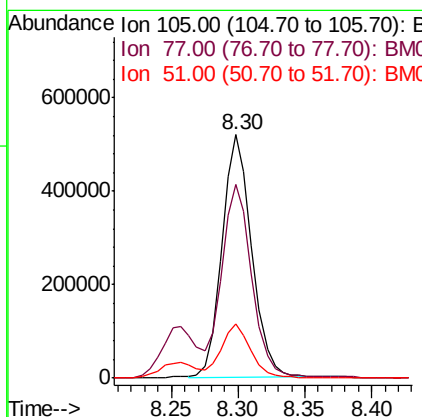
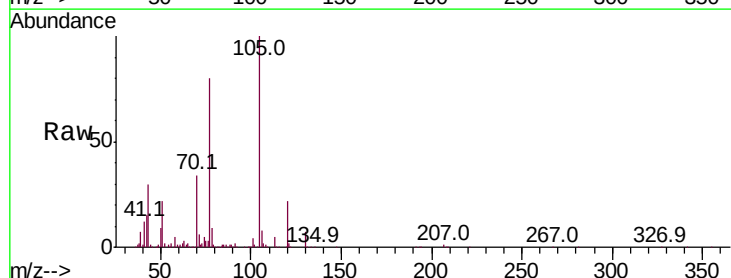
Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 19.5  | 15.0  | 22.6  |
| 79      | 14.1  | 11.6  | 17.4  |

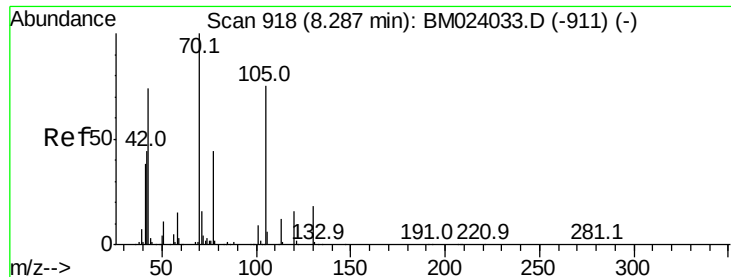


#14  
Acetophenone  
Concen: 20.774 ng/ul  
RT: 8.30 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 79.5  | 64.1  | 96.1  |
| 51      | 22.0  | 16.6  | 24.8  |







#15

N-Nitroso-di-n-propylamine

Concen: 21.664 ng/ul

RT: 8.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 452236

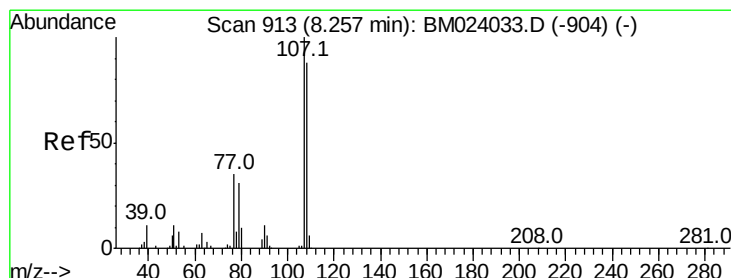
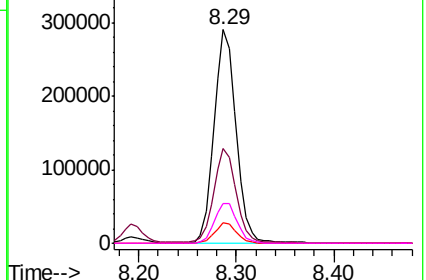
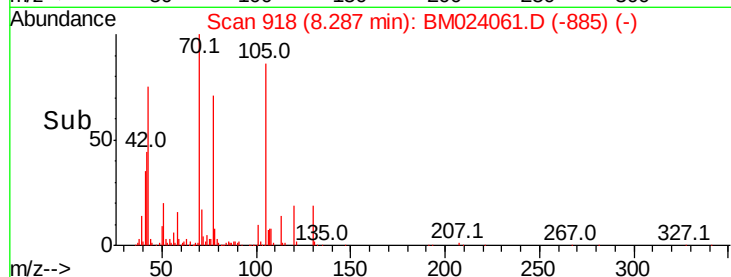
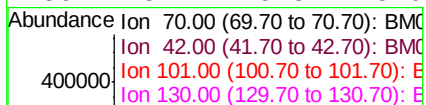
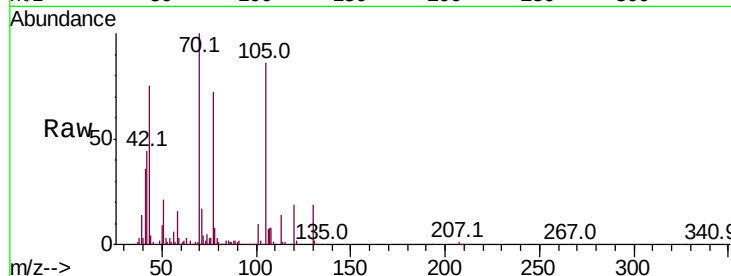
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 44.1  | 35.8  | 53.6  |
| 101 | 9.5   | 8.0   | 12.0  |
| 130 | 18.7  | 15.8  | 23.6  |

70 100

42 44.1 35.8 53.6

101 9.5 8.0 12.0

130 18.7 15.8 23.6



#16

4-Methylphenol

Concen: 20.351 ng/ul

RT: 8.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM024061.D

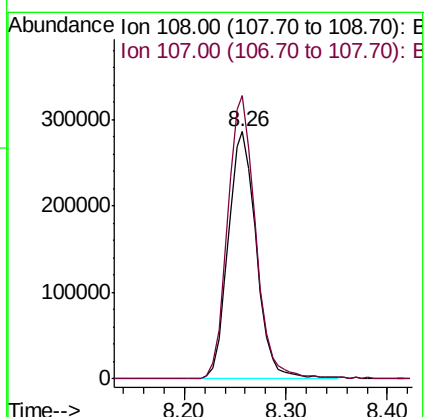
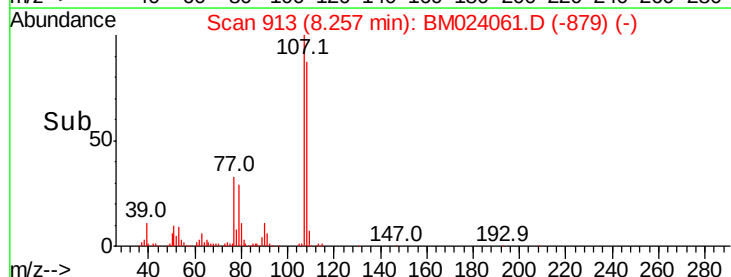
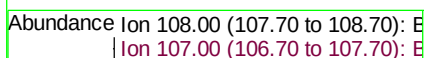
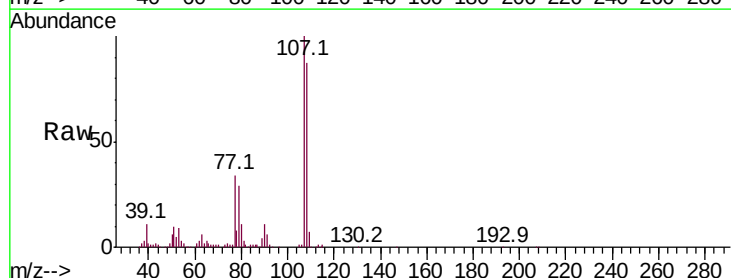
Acq: 12 Dec 2019 16:39

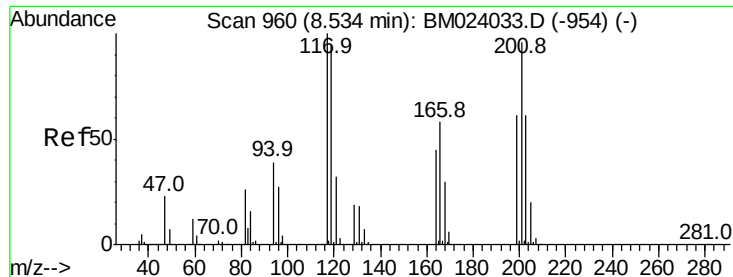
Tgt Ion: 108 Resp: 550086

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 108 | 100   |       |       |
| 107 | 114.6 | 90.1  | 135.1 |

108 100

107 114.6 90.1 135.1





#17

Hexachloroethane

Concen: 20.383 ng/ul

RT: 8.53 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

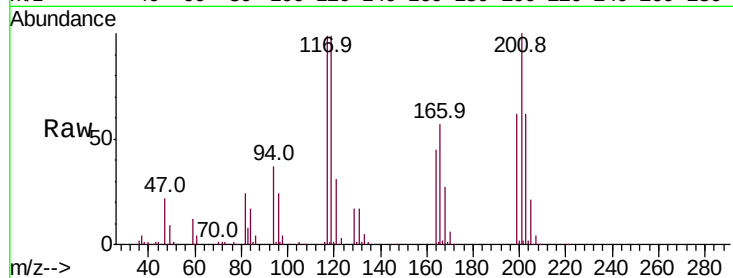
Tot Ion:117 Resp: 215218

Ion Ratio Lower Upper

117 100

201 101.3 81.6 122.4

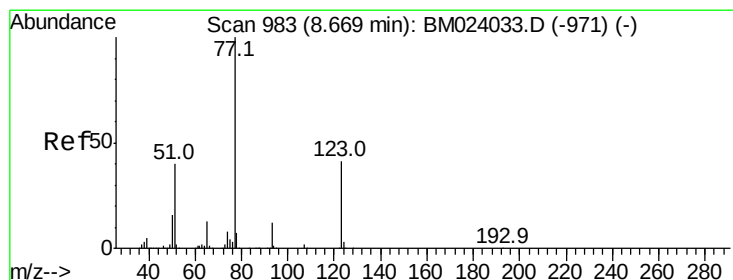
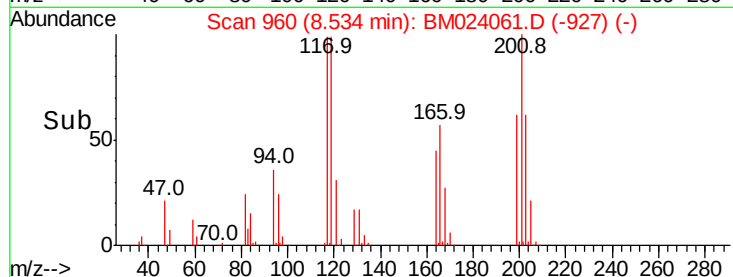
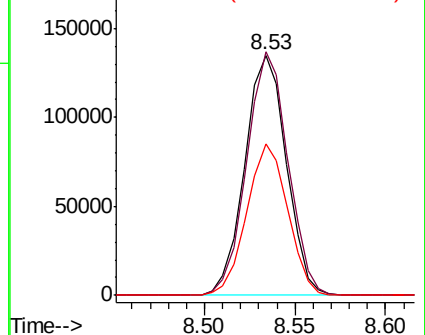
199 62.9 49.8 74.6



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: 21.193 ng/ul

RT: 8.67 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

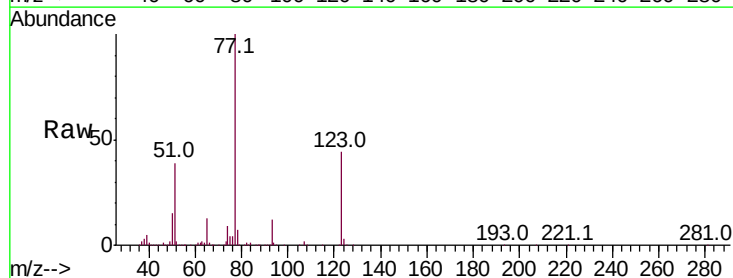
Tgt Ion: 77 Resp: 626895

Ion Ratio Lower Upper

77 100

123 43.5 34.6 51.8

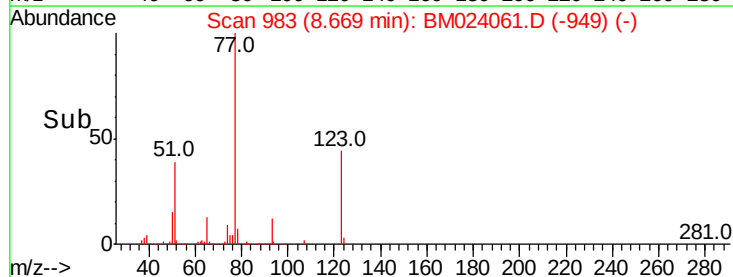
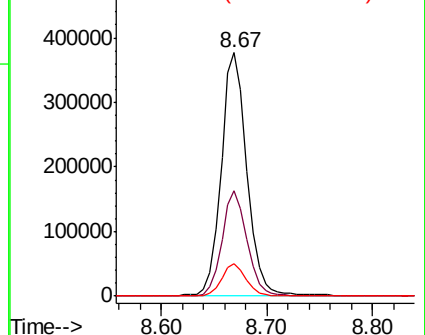
65 13.1 9.8 14.6

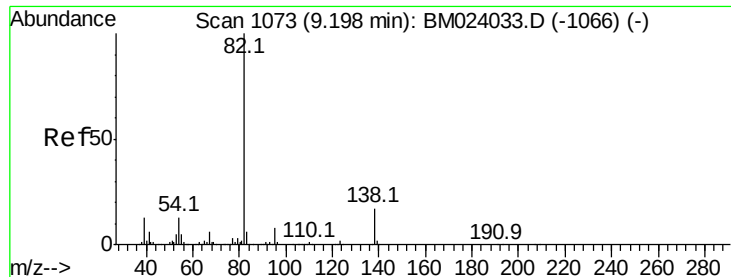


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 21.005 ng/ul

RT: 9.20 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

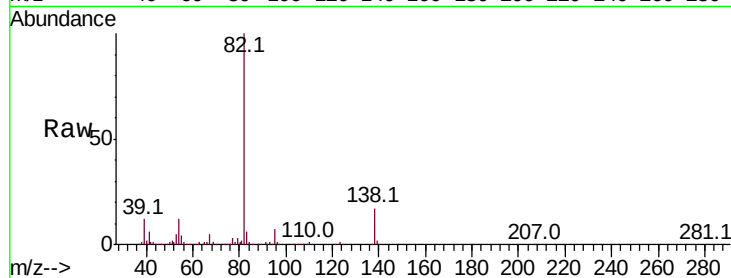
Tot Ion: 82 Resp: 1179546

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

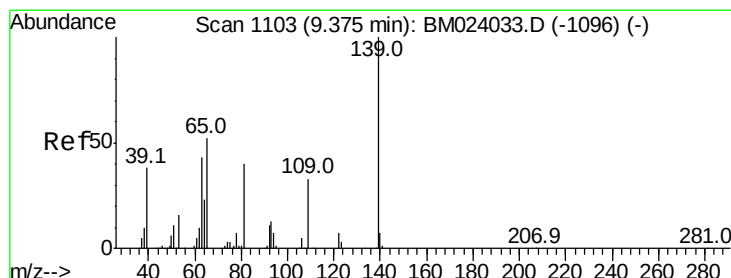
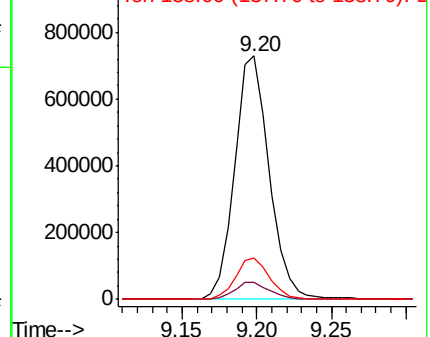
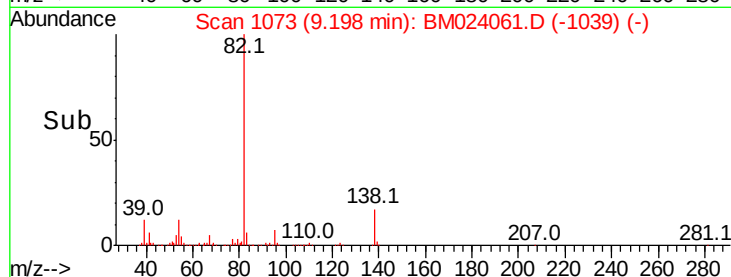
138 16.8 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BM024033.D (-1066) (-)

Ion 95.00 (94.70 to 95.70): BM024033.D (-1066) (-)

Ion 138.00 (137.70 to 138.70): BM024033.D (-1066) (-)



#23

2-Nitrophenol

Concen: 20.427 ng/ul

RT: 9.37 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

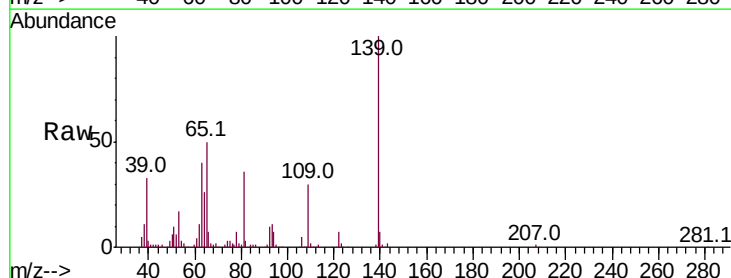
Tgt Ion: 139 Resp: 299100

Ion Ratio Lower Upper

139 100

65 49.9 40.2 60.2

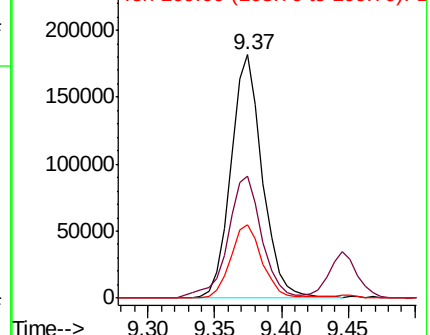
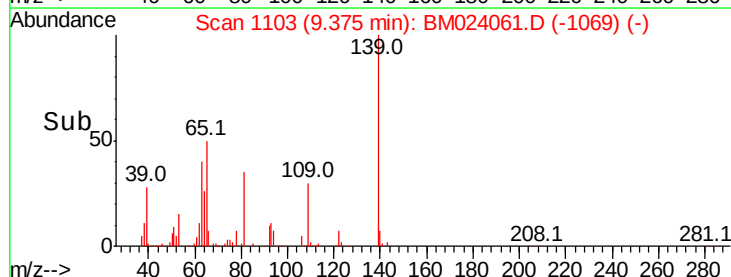
109 30.1 23.8 35.8

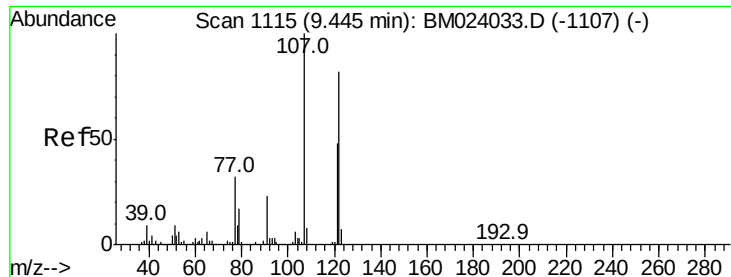


Abundance Ion 139.00 (138.70 to 139.70): BM024033.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM024033.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM024033.D (-1096) (-)

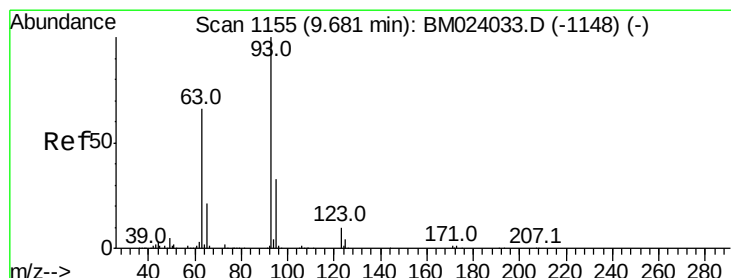
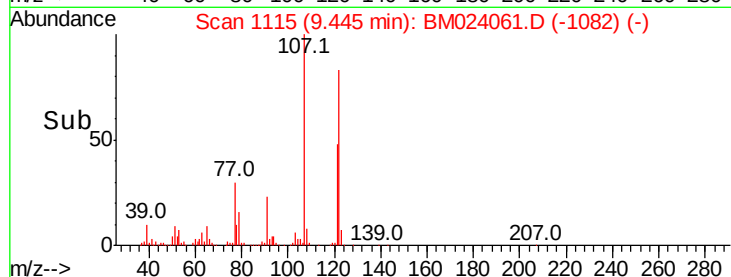
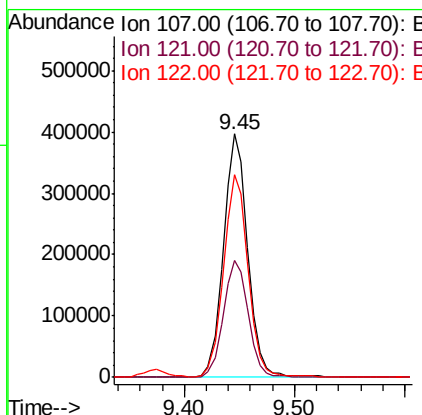
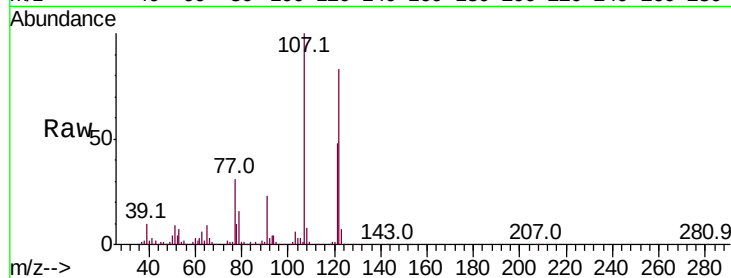




#24  
 2,4-Dimethylphenol  
 Concen: 20.622 ng/ul  
 RT: 9.45 min Scan# 1115  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

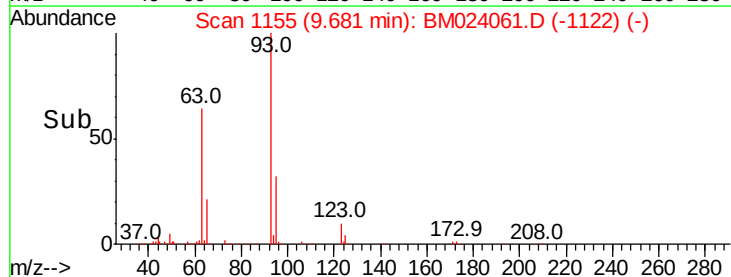
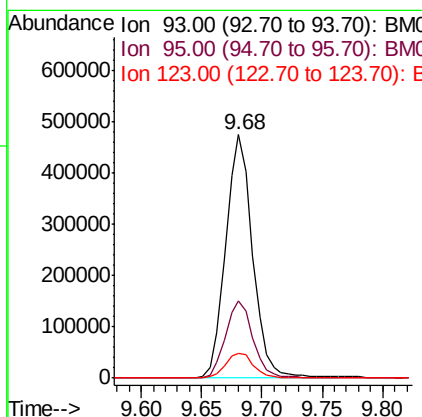
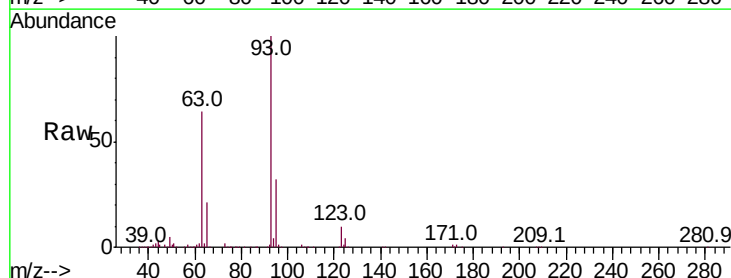
Instrument :  
 BNA\_M  
 ClientSampled :

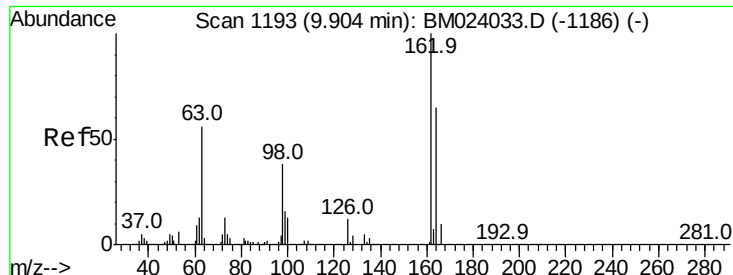
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 48.1  | 39.1  | 58.7  |
| 122     | 83.2  | 65.3  | 97.9  |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.949 ng/ul  
 RT: 9.68 min Scan# 1155  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.9  | 26.5  | 39.7  |
| 123     | 10.3  | 8.7   | 13.1  |

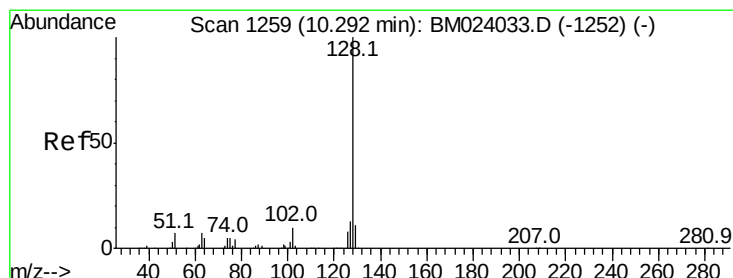
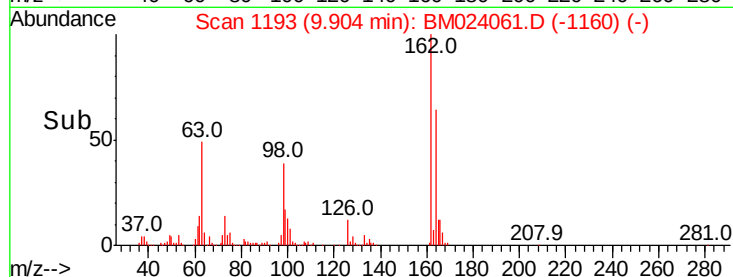
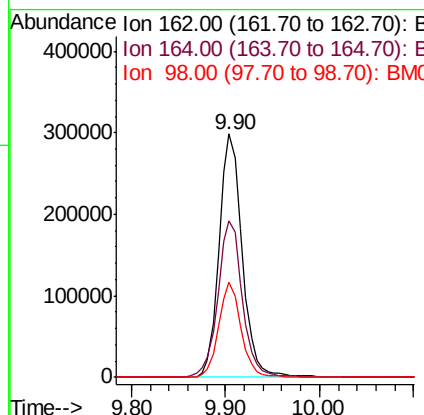
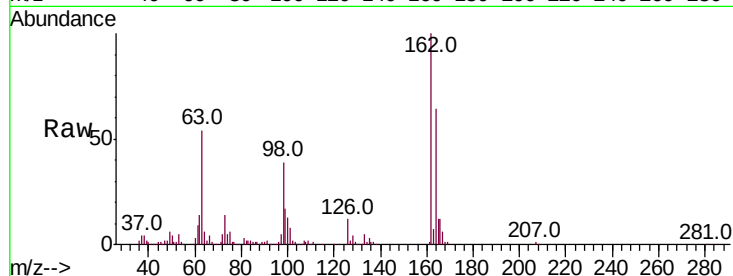




#27  
 2,4-Dichlorophenol  
 Concen: 20.432 ng/ul  
 RT: 9.90 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

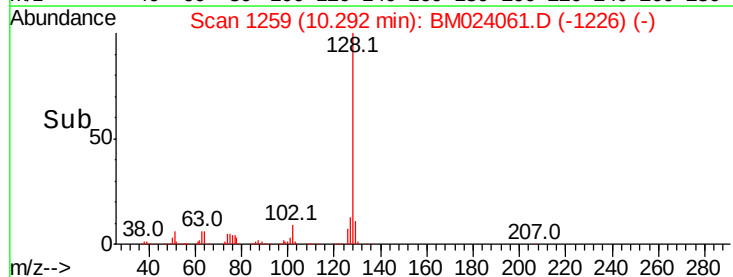
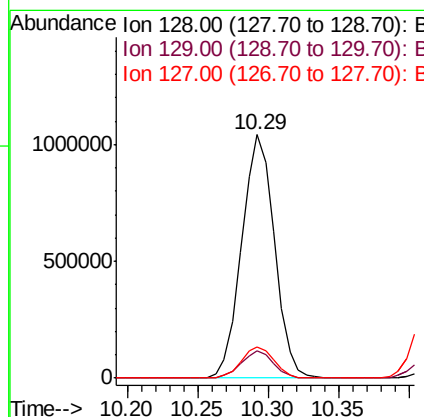
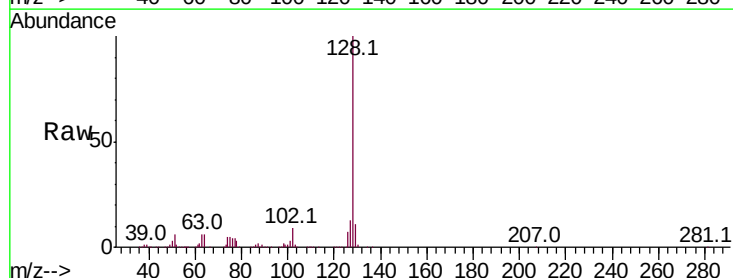
Instrument :  
 BNA\_M  
 ClientSampleId :

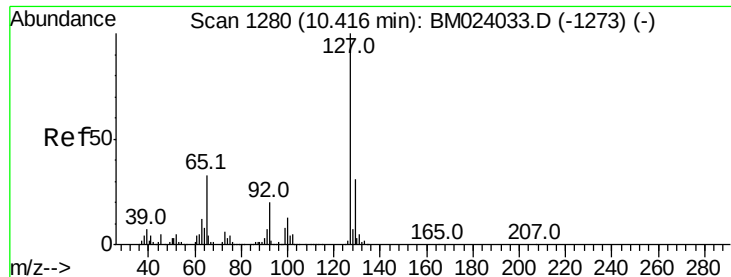
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 50.8  | 76.2  |
| 98      | 38.8  | 29.5  | 44.3  |



#28  
 Naphthalene  
 Concen: 20.531 ng/ul  
 RT: 10.29 min Scan# 1259  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.8   | 13.2  |
| 127     | 13.0  | 10.5  | 15.7  |

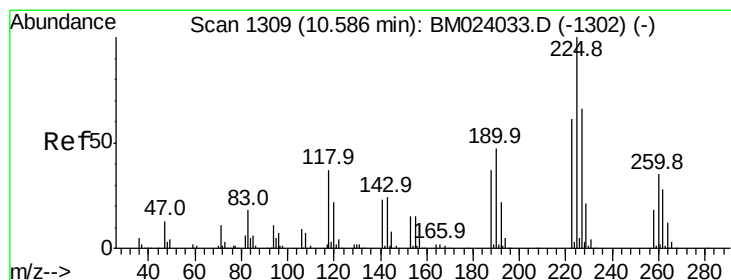
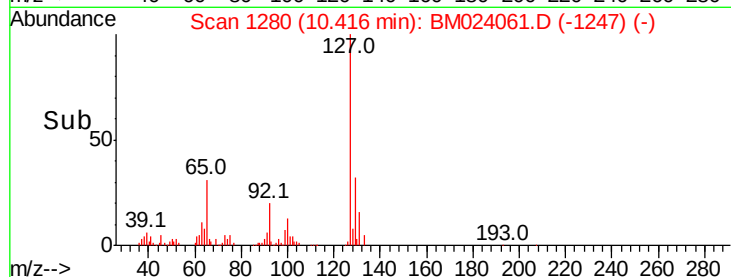
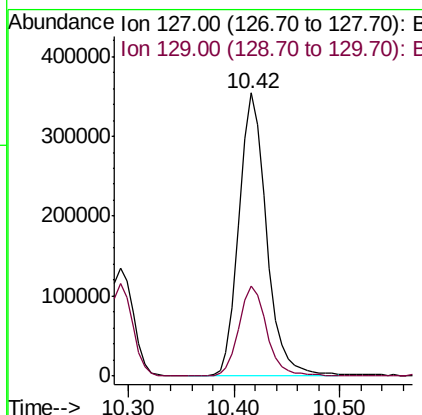
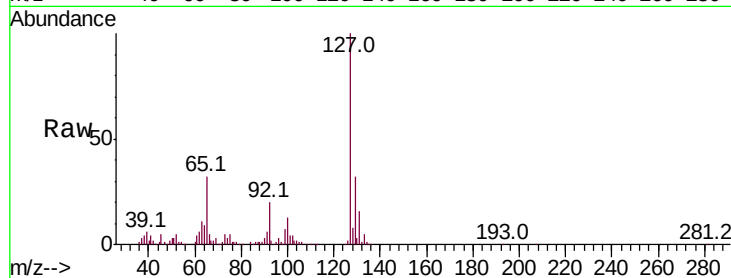




#30  
4-Chloroaniline  
Concen: 21.706 ng/ul  
RT: 10.42 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

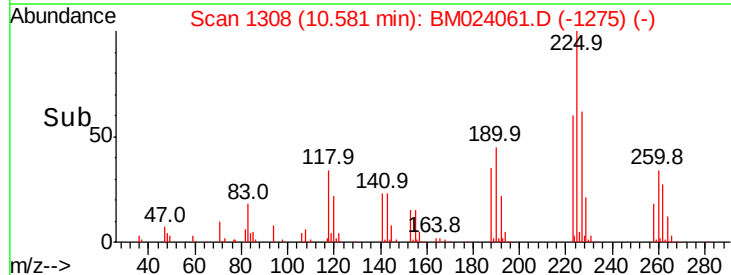
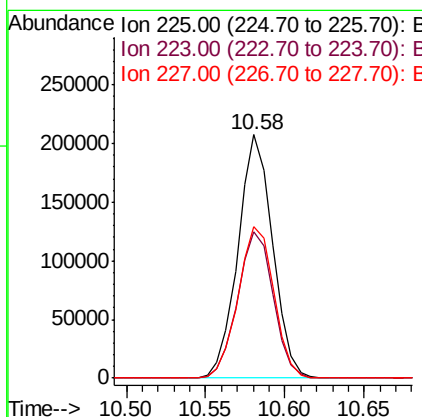
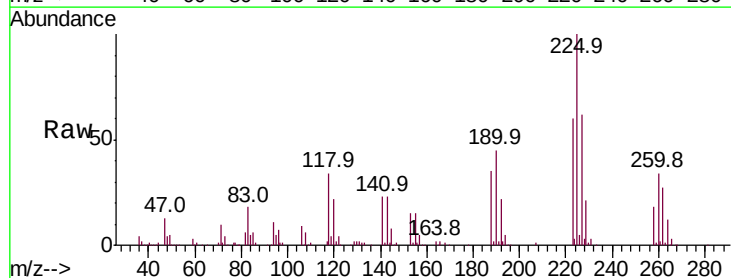
Instrument :  
BNA\_M  
ClientSampleId :

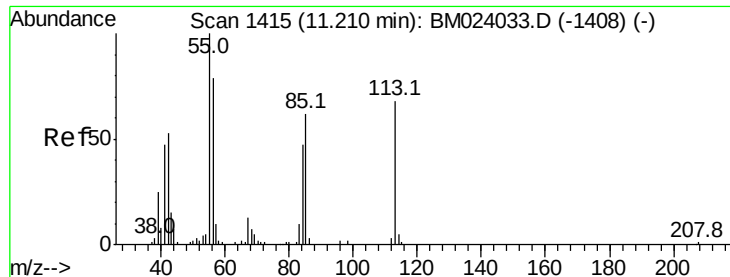
Tot Ion:127 Resp: 642445  
Ion Ratio Lower Upper  
127 100  
129 31.8 26.2 39.4



#31  
Hexachlorobutadiene  
Concen: 19.779 ng/ul  
RT: 10.58 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

Tgt Ion:225 Resp: 314539  
Ion Ratio Lower Upper  
225 100  
223 60.1 51.1 76.7  
227 62.4 53.4 80.0





#32

Caprolactam

Concen: 9.582 ng/ul

RT: 11.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

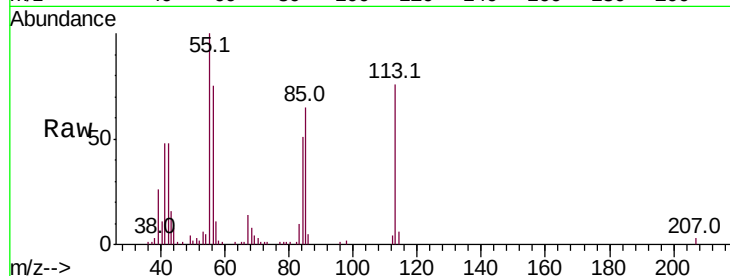
Tot Ion:113 Resp: 72868

Ion Ratio Lower Upper

113 100

55 131.3 110.1 165.1

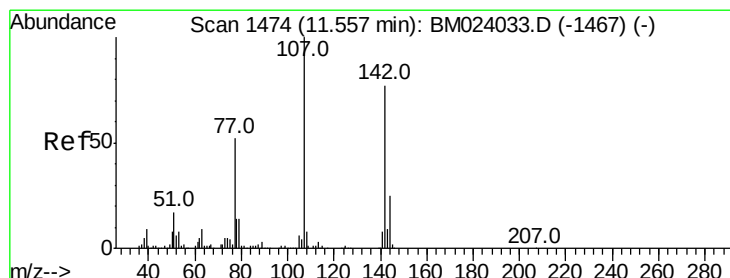
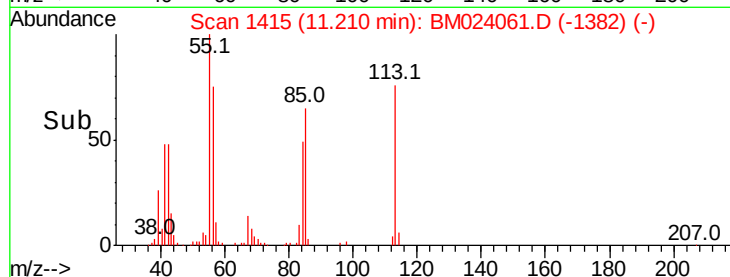
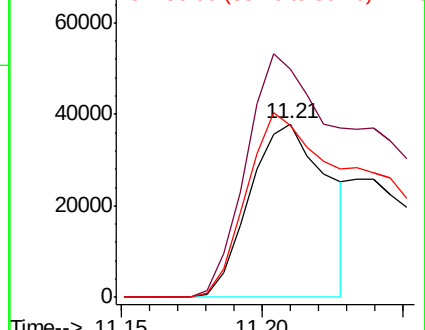
56 98.9 85.5 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 20.653 ng/ul

RT: 11.56 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

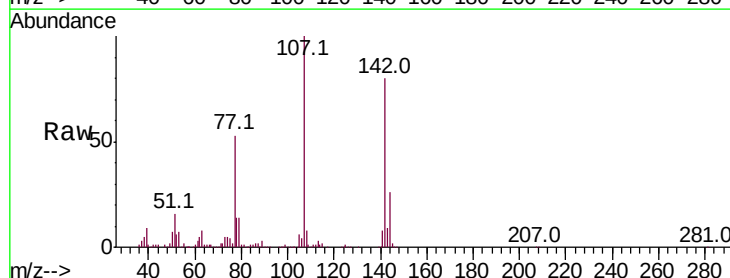
Tgt Ion:107 Resp: 550521

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

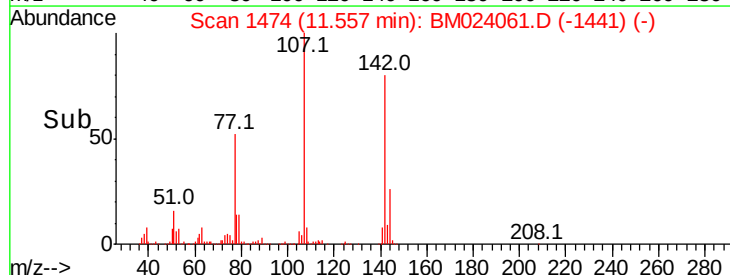
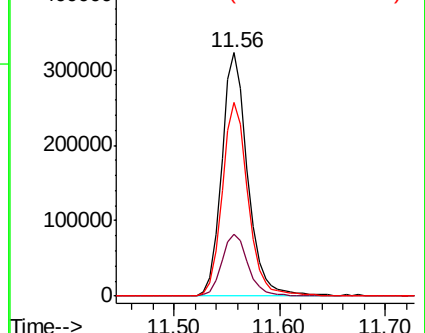
142 79.5 63.4 95.2

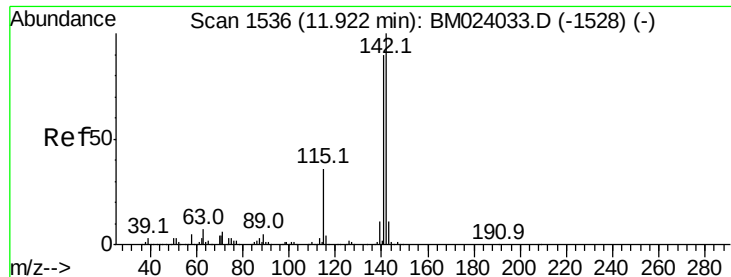


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

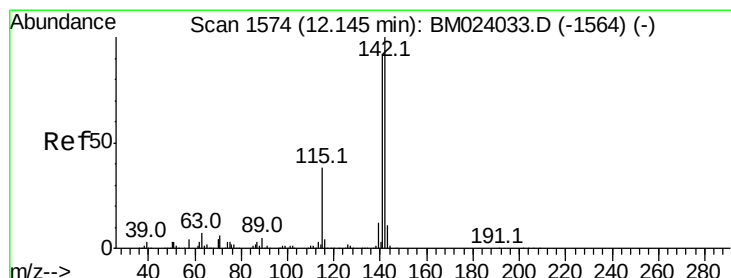
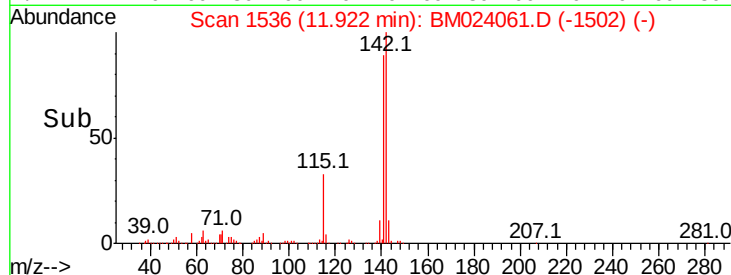
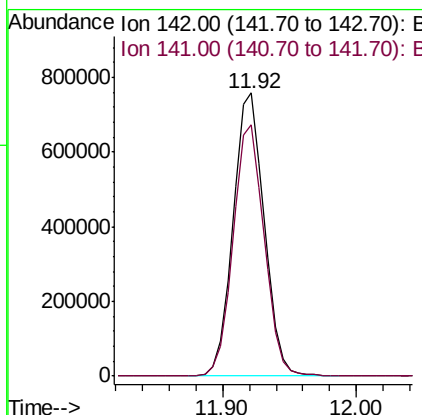
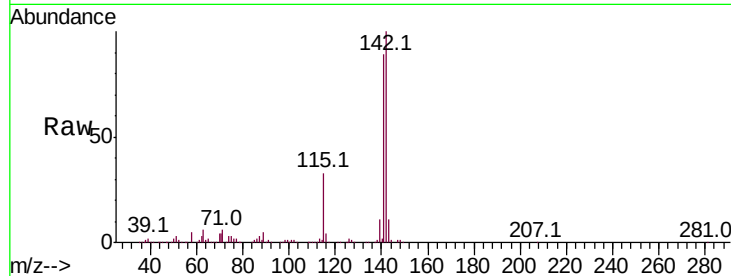




#34  
 2-Methylnaphthalene  
 Concen: 20.456 ng/ul  
 RT: 11.92 min Scan# 1536  
 Delta R.T. 0.00 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

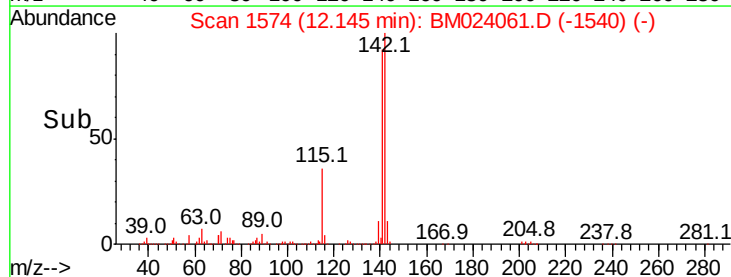
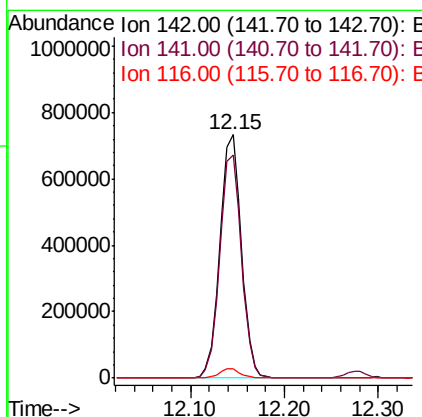
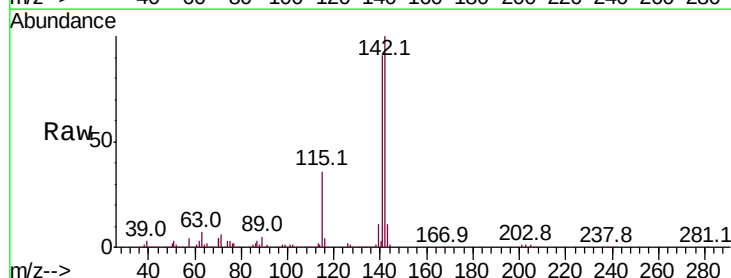
Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:142 Resp: 1228507  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 71.3 106.9

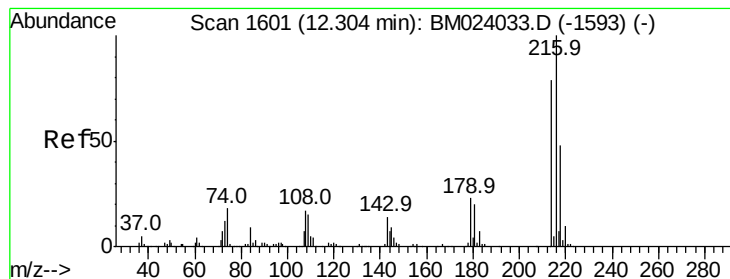


#35  
 1-Methylnaphthalene  
 Concen: 19.746 ng/ul  
 RT: 12.15 min Scan# 1574  
 Delta R.T. 0.00 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

Tgt Ion:142 Resp: 1164293  
 Ion Ratio Lower Upper  
 142 100  
 141 91.4 74.2 111.4  
 116 3.9 3.0 4.4







#37

1,2,4,5-Tetrachlorobenzene

Concen: 20.088 ng/ul

RT: 12.30 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:216 Resp: 606086

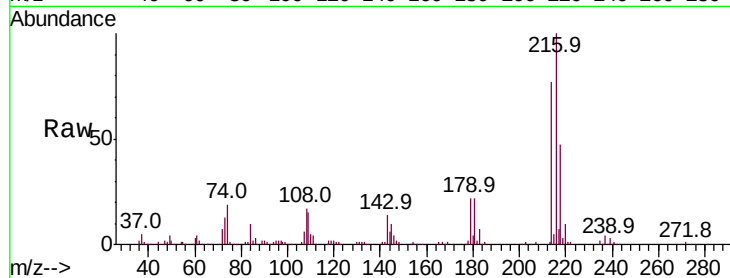
Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.6

179 22.4 18.1 27.1

108 17.4 13.4 20.0

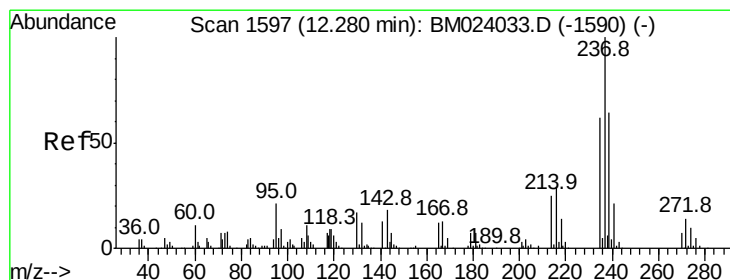
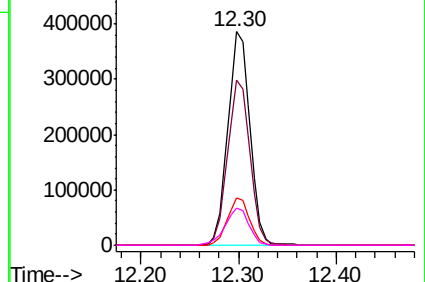
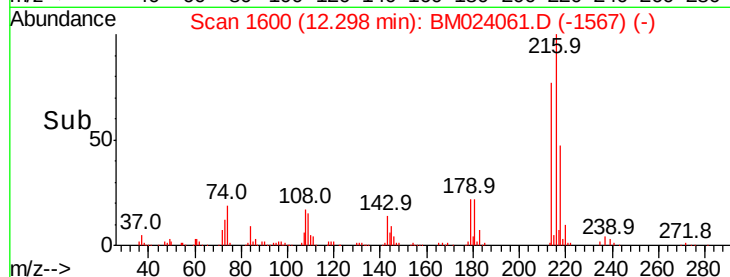


Abundance Ion 216.00 (215.70 to 216.70): E

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



#38

Hexachlorocyclopentadiene

Concen: 18.498 ng/ul

RT: 12.27 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

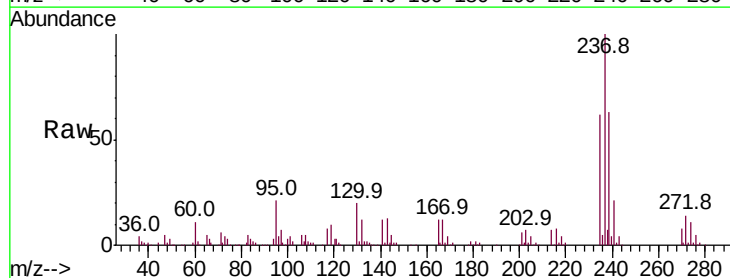
Tgt Ion:237 Resp: 260071

Ion Ratio Lower Upper

237 100

235 61.6 48.9 73.3

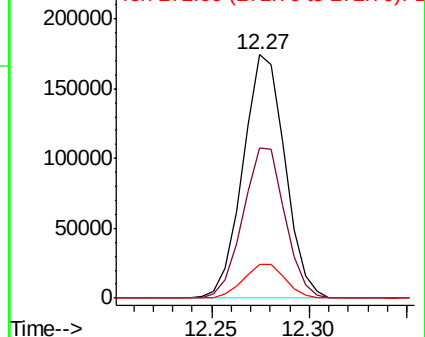
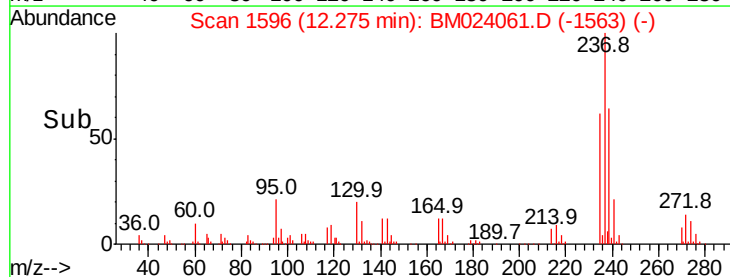
272 13.8 11.0 16.6

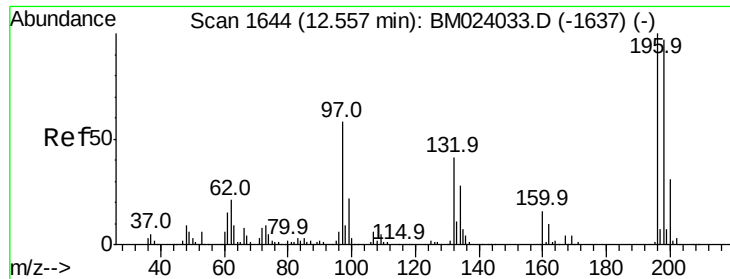


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

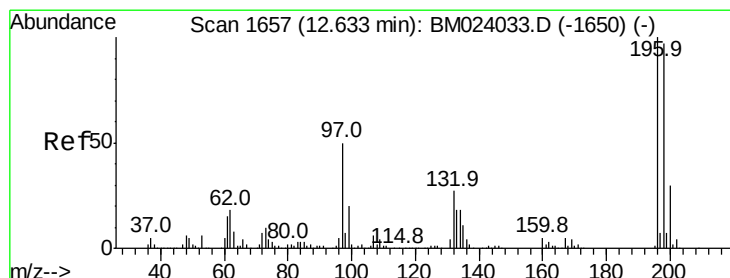
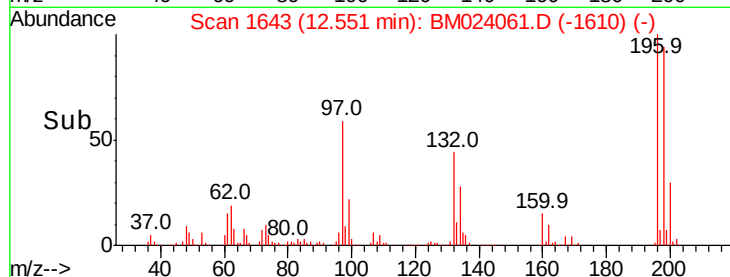
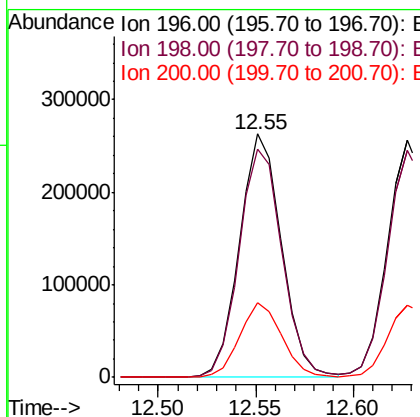
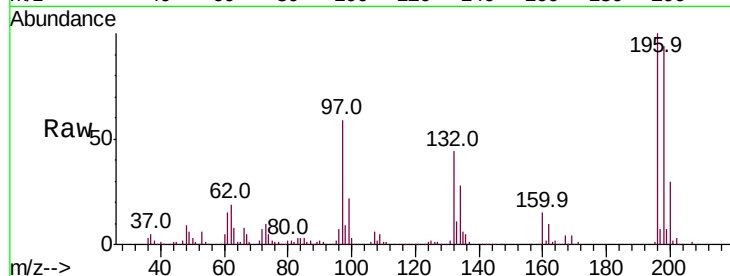




#39  
 2,4,6-Trichlorophenol  
 Concen: 19.973 ng/ul  
 RT: 12.55 min Scan# 1643  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

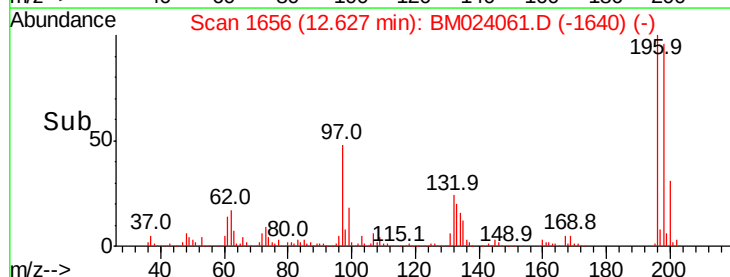
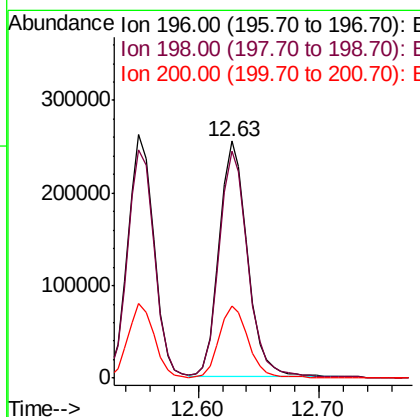
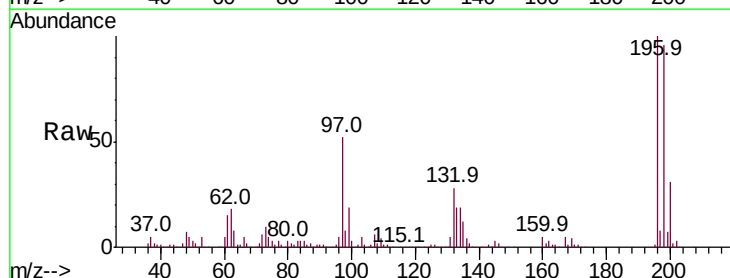
Instrument :  
 BNA\_M  
 ClientSampled :

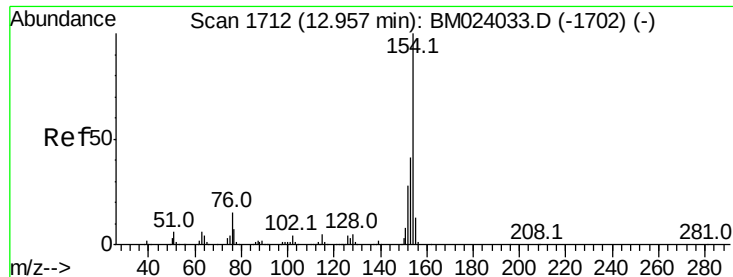
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.7  | 75.6  | 113.4 |
| 200     | 30.4  | 24.2  | 36.4  |



#40  
 2,4,5-Trichlorophenol  
 Concen: 19.640 ng/ul  
 RT: 12.63 min Scan# 1656  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.8  | 76.6  | 114.8 |
| 200     | 30.6  | 24.6  | 37.0  |





#41

1,1'-Biphenyl

Concen: 20.326 ng/ul

RT: 12.96 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

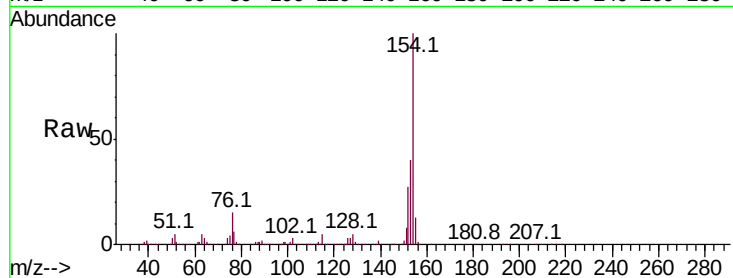
Instrument :

BNA\_M

ClientSampled :

Tot Ion:154 Resp: 1588591

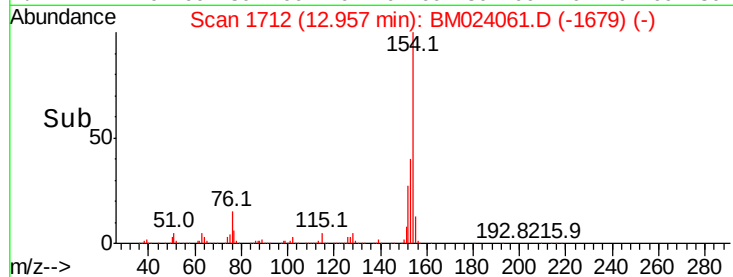
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.3  | 32.9  | 49.3  |
| 76  | 14.6  | 11.1  | 16.7  |



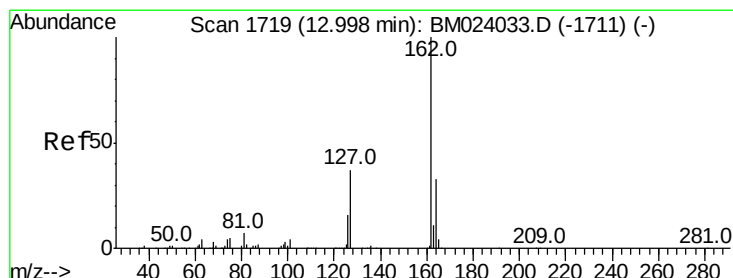
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



Time-->



#42

2-Chloronaphthalene

Concen: 20.384 ng/ul

RT: 12.99 min Scan# 1718

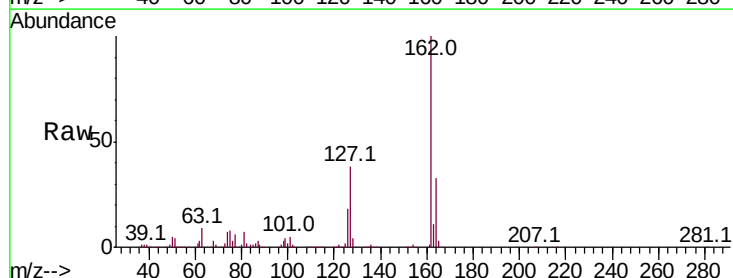
Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Tgt Ion:162 Resp: 1218996

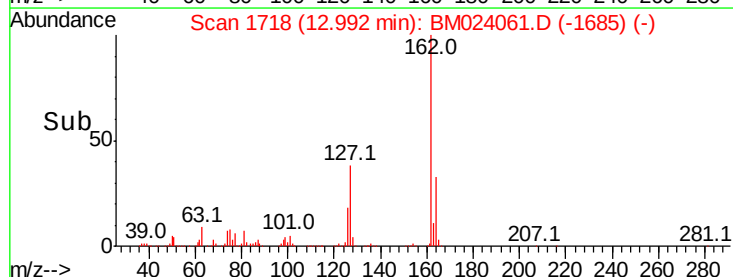
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 32.8  | 26.5  | 39.7  |
| 127 | 38.5  | 30.2  | 45.4  |



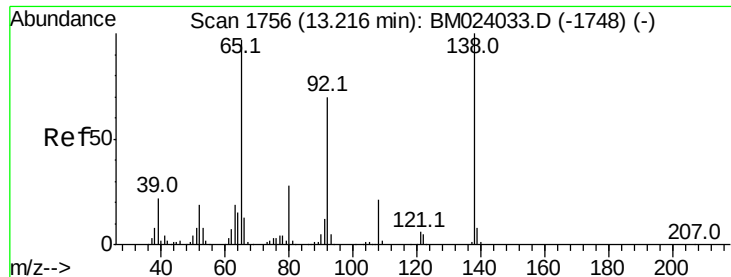
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#43

2-Nitroaniline

Concen: 21.491 ng/ul

RT: 13.22 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

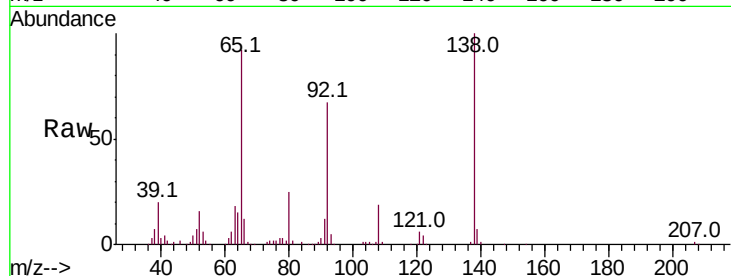
Tot Ion: 65 Resp: 334055

Ion Ratio Lower Upper

65 100

92 72.5 57.8 86.8

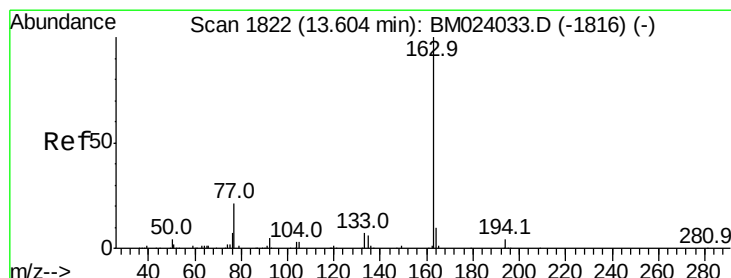
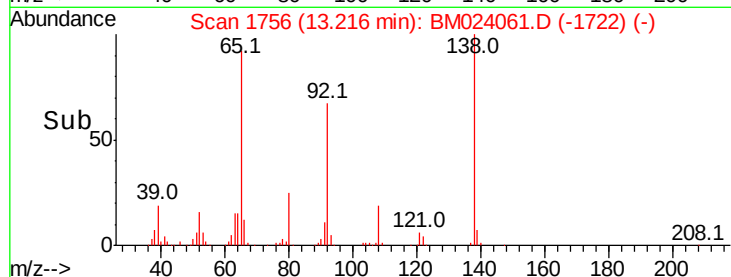
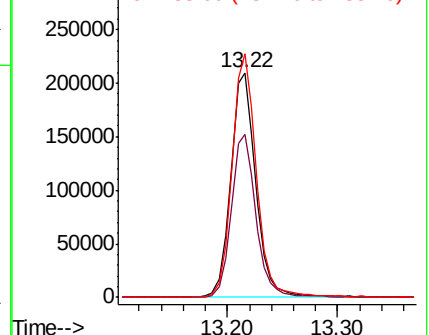
138 108.4 84.6 126.8



Abundance Ion 65.00 (64.70 to 65.70): BM024033.D (-1748) (-)

Ion 92.00 (91.70 to 92.70): BM024033.D (-1748) (-)

Ion 138.00 (137.70 to 138.70): BM024033.D (-1748) (-)



#45

Dimethylphthalate

Concen: 20.342 ng/ul

RT: 13.60 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

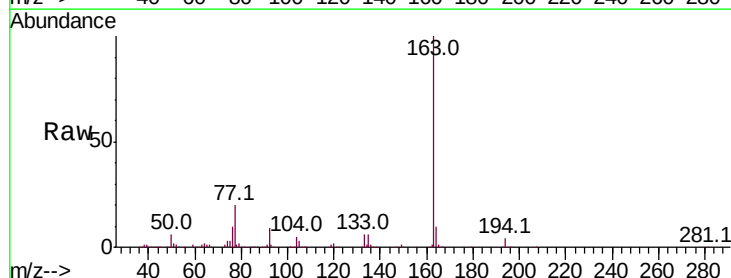
Tgt Ion: 163 Resp: 1496629

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

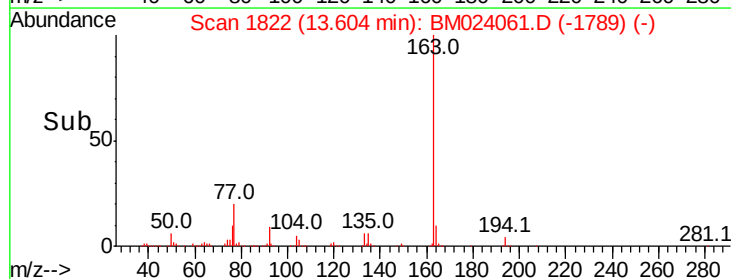
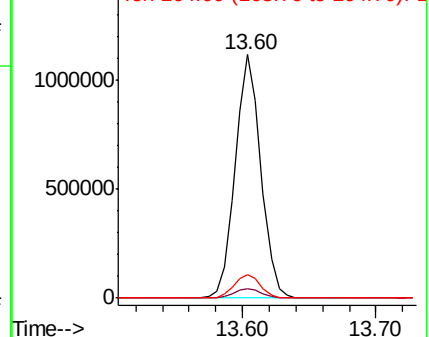
164 9.8 7.9 11.9

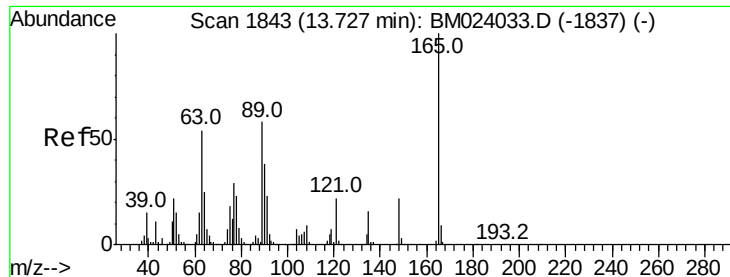


Abundance Ion 163.00 (162.70 to 163.70): BM024033.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM024033.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM024033.D (-1816) (-)

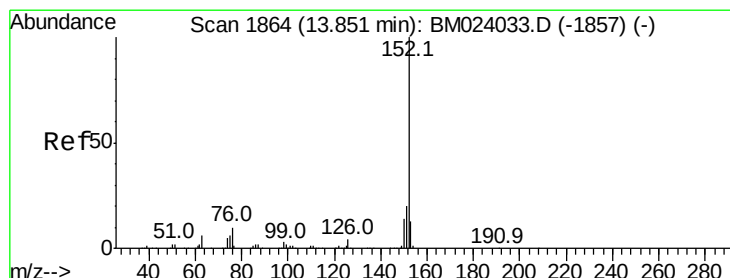
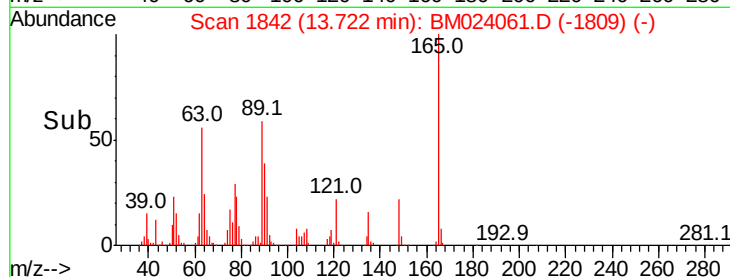
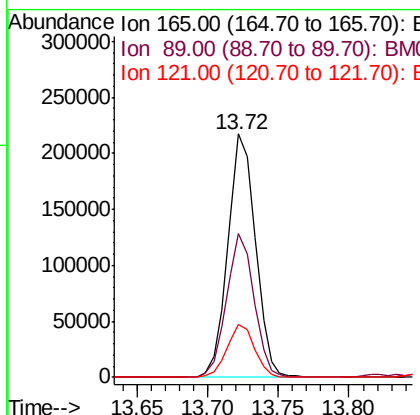
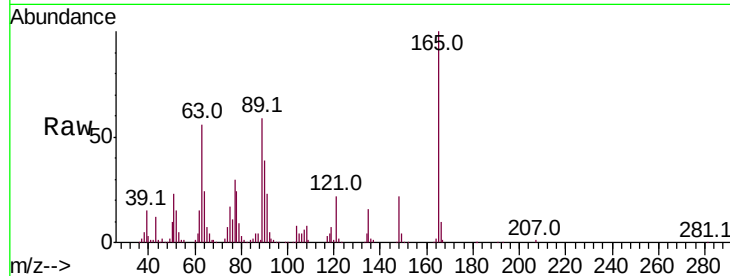




#46  
 2,6-Dinitrotoluene  
 Concen: 20.655 ng/ul  
 RT: 13.72 min Scan# 1842  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

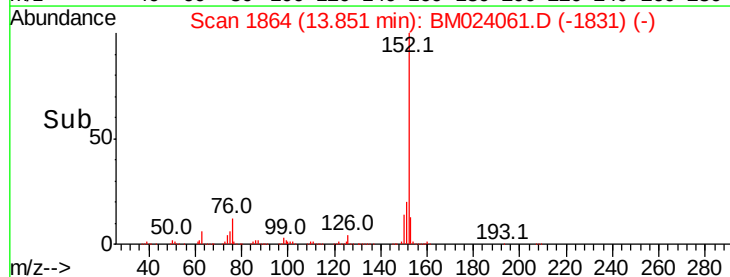
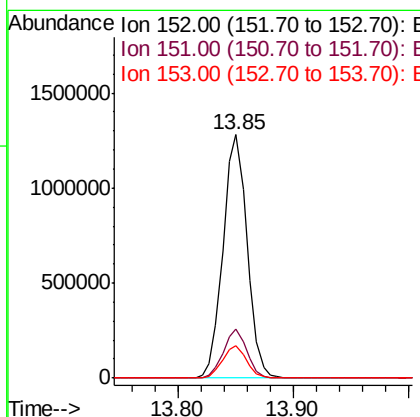
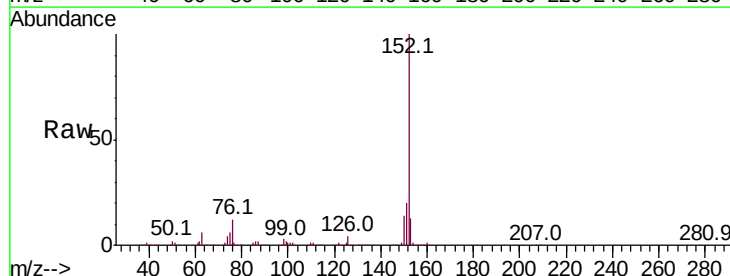
Instrument :  
 BNA\_M  
 ClientSampled :

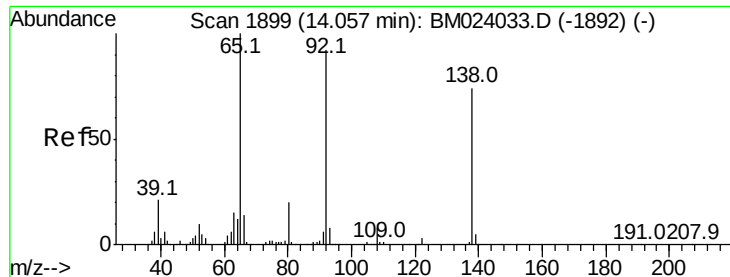
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 59.1  | 45.9  | 68.9  |
| 121     | 21.6  | 16.6  | 25.0  |



#48  
 Acenaphthylene  
 Concen: 20.808 ng/ul  
 RT: 13.85 min Scan# 1864  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 15.8  | 23.6  |
| 153     | 13.1  | 10.6  | 15.8  |





#49

3-Nitroaniline

Concen: 19.701 ng/ul

RT: 14.05 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

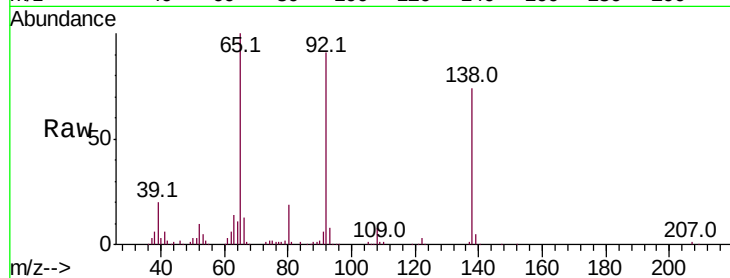
Tot Ion:138 Resp: 265201

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

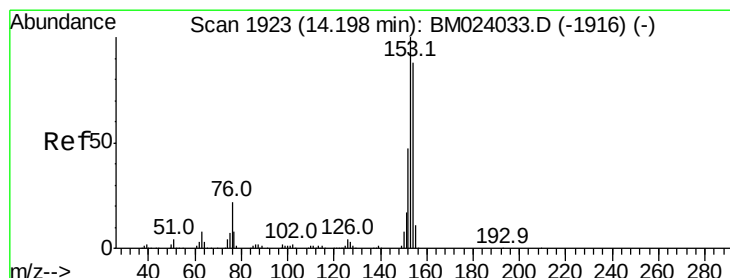
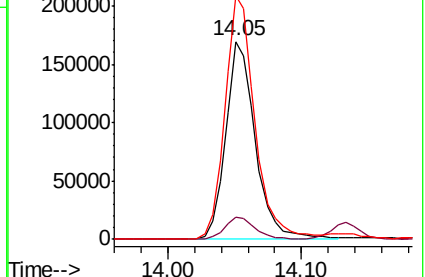
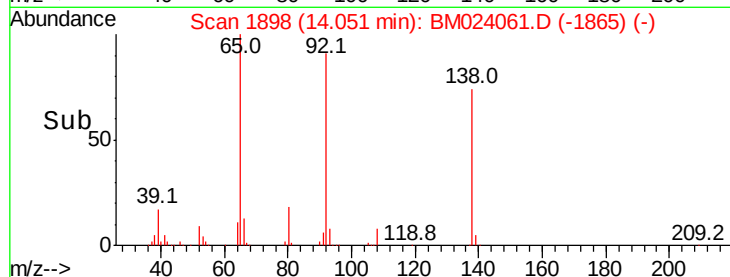
92 123.1 97.2 145.8



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



#50

Acenaphthene

Concen: 20.318 ng/ul

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

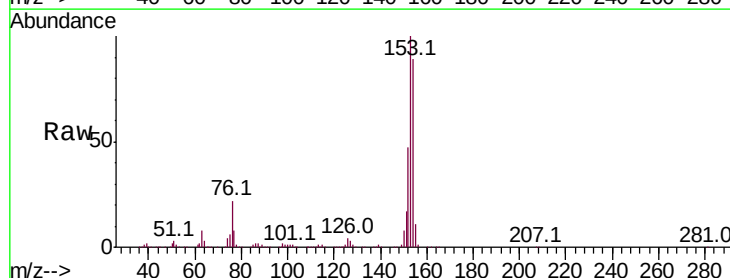
Tgt Ion:153 Resp: 1285751

Ion Ratio Lower Upper

153 100

152 46.6 37.5 56.3

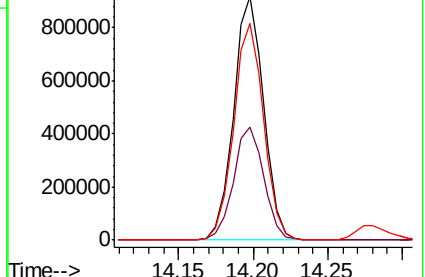
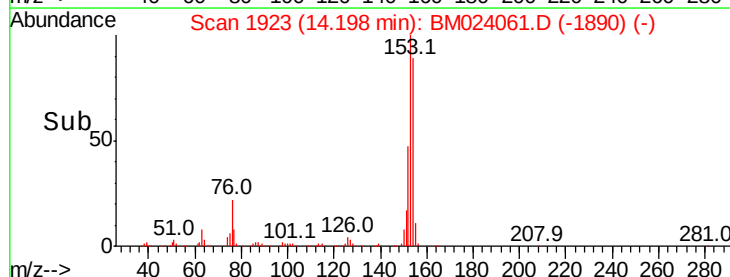
154 89.2 70.7 106.1

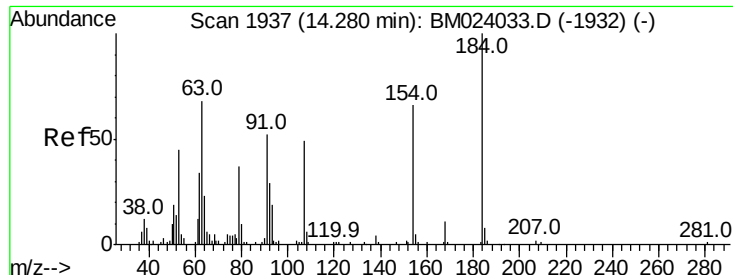


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

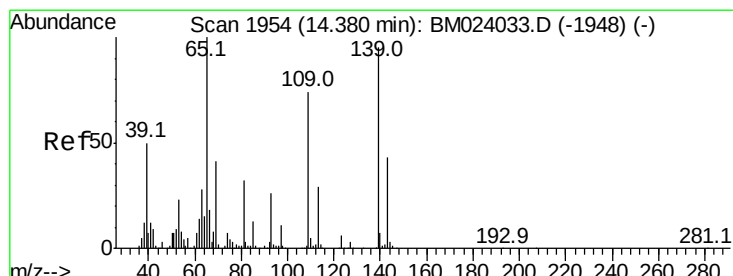
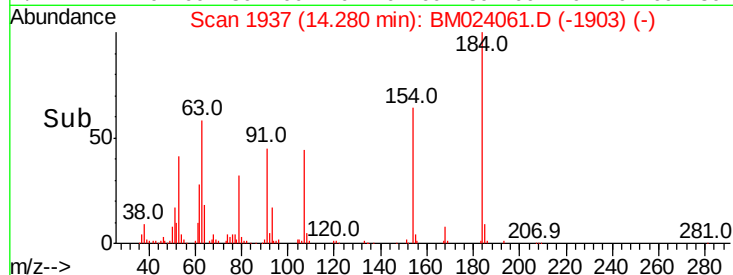
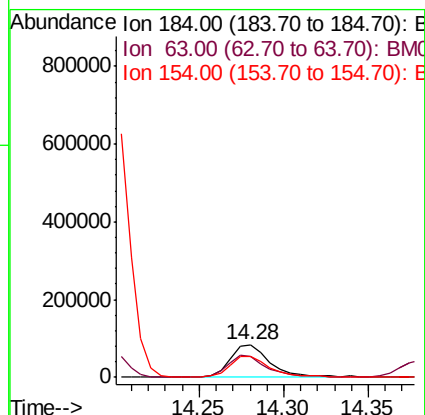
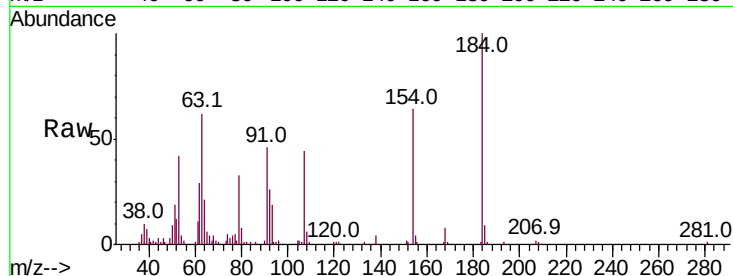




#51  
 2,4-Dinitrophenol  
 Concen: 18.155 ng/ul  
 RT: 14.28 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

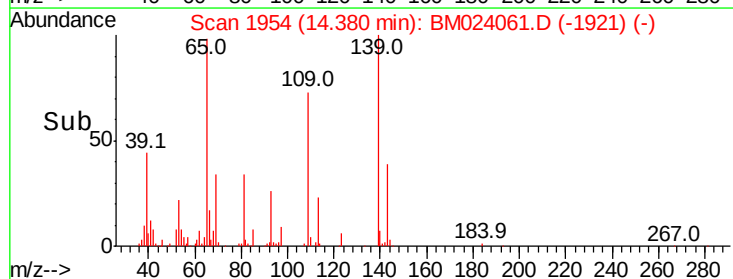
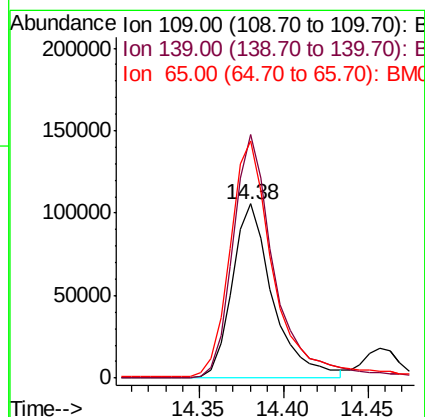
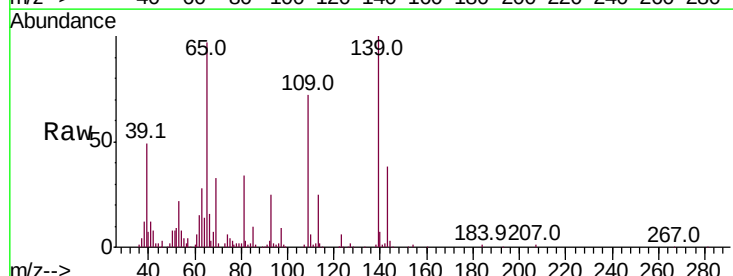
Instrument :  
 BNA\_M  
 ClientSampleId :

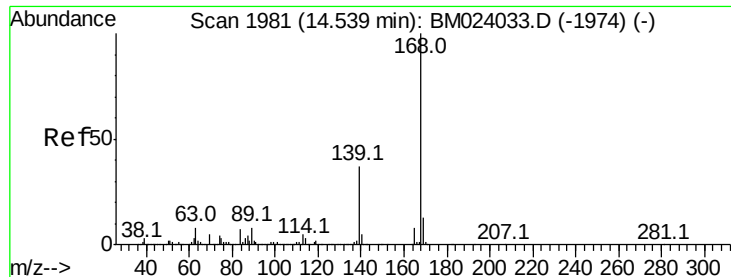
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 61.7  | 50.8  | 76.2  |
| 154     | 64.0  | 51.0  | 76.6  |



#53  
 4-Nitrophenol  
 Concen: 19.082 ng/ul  
 RT: 14.38 min Scan# 1954  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 109     | 100   |       |       |
| 139     | 139.6 | 112.4 | 168.6 |
| 65      | 136.1 | 110.7 | 166.1 |





#54

Dibenzenofuran

Concen: 20.348 ng/ul

RT: 14.54 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

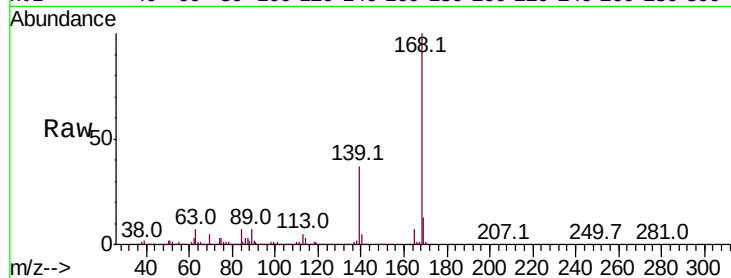
ClientSampled :

Tot Ion:168 Resp: 1821850

Ion Ratio Lower Upper

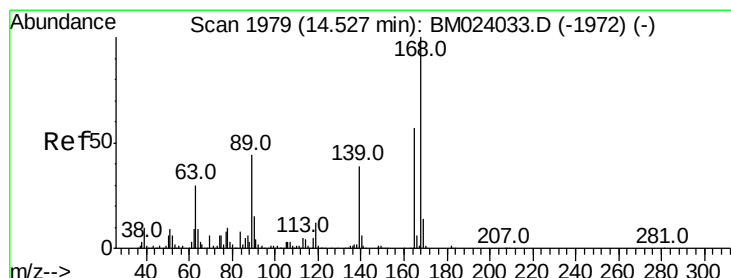
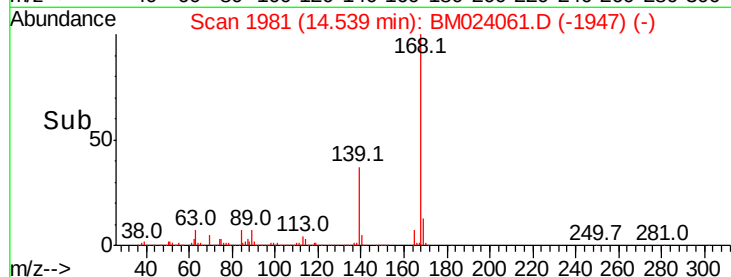
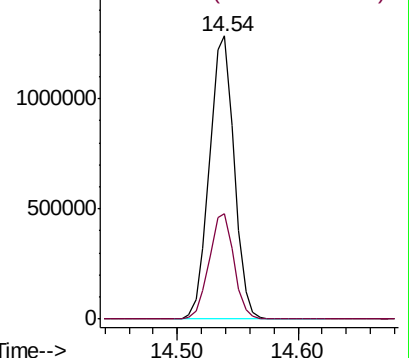
168 100

139 37.2 29.4 44.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 20.565 ng/ul

RT: 14.53 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

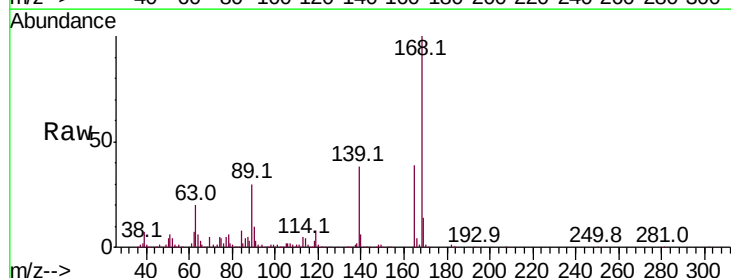
Tgt Ion:165 Resp: 430583

Ion Ratio Lower Upper

165 100

63 52.2 38.6 57.8

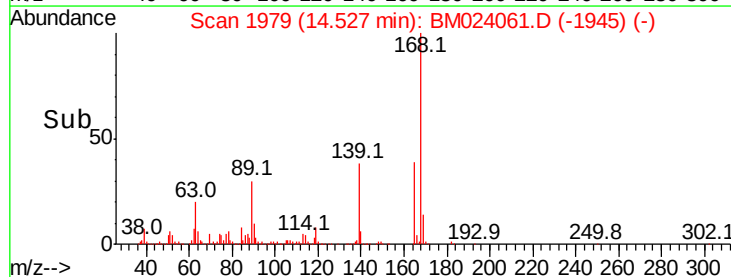
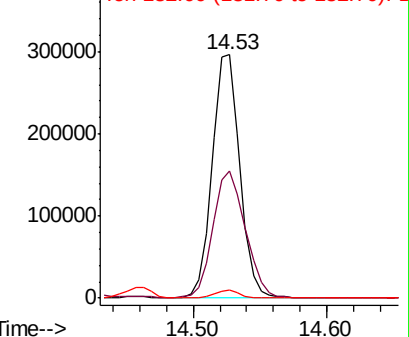
182 3.2 2.6 3.8



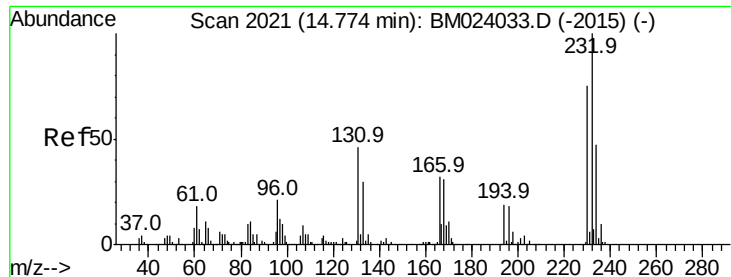
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



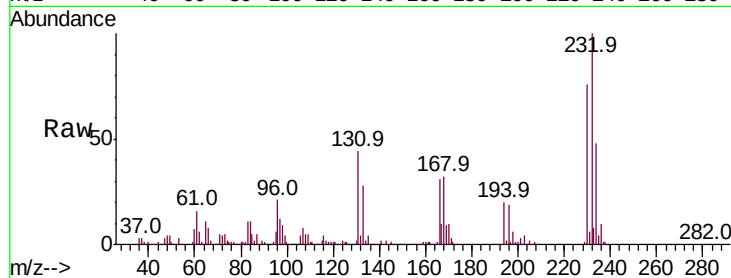




#56  
2,3,4,6-Tetrachlorophenol  
Concen: 19.445 ng/ul  
RT: 14.77 min Scan# 2021  
Delta R.T. 0.00 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 357912 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 44.3  | 35.0  | 52.6   |
| 130      | 2.2   | 1.8   | 2.6    |
| 166      | 31.0  | 25.9  | 38.9   |



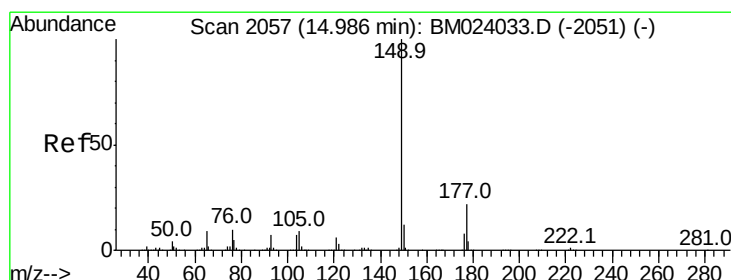
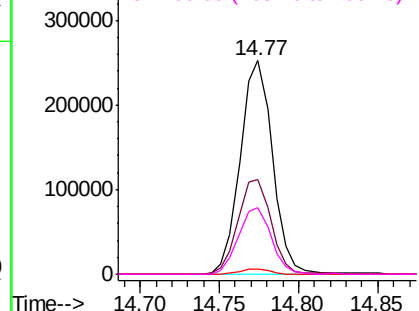
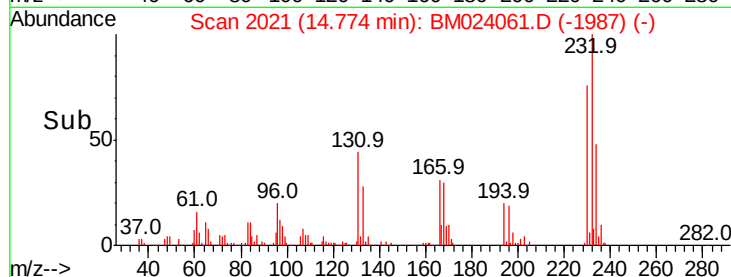
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

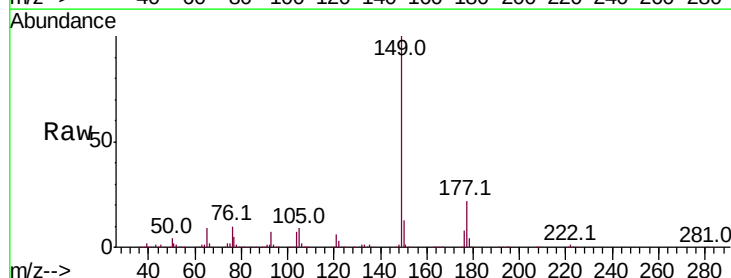
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57  
Diethylphthalate  
Concen: 20.433 ng/ul  
RT: 14.98 min Scan# 2056  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1504305 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 21.7  | 17.8  | 26.6    |
| 150      | 12.5  | 9.9   | 14.9    |

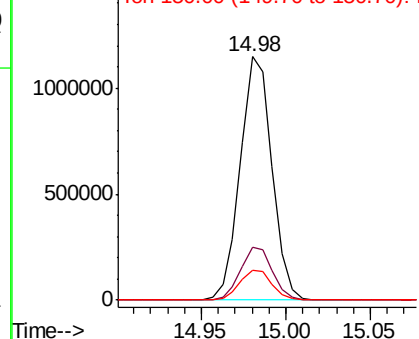
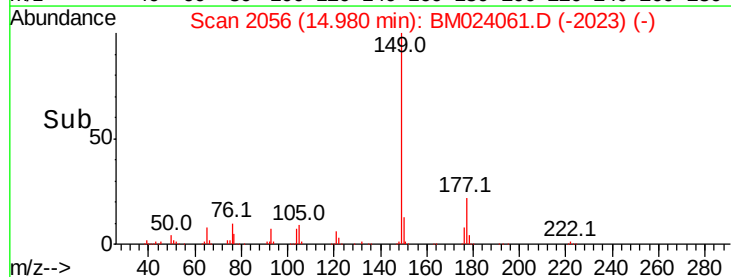


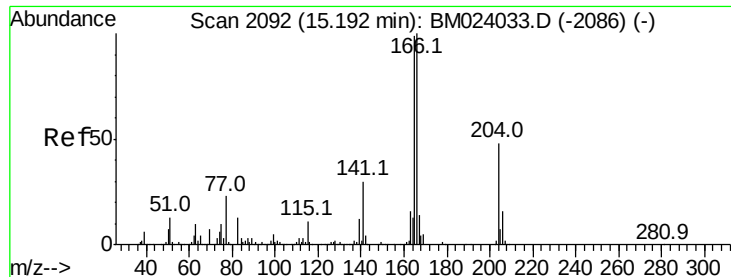
Abundance

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





#59

Fluorene

Concen: 20.040 ng/ul

RT: 15.19 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

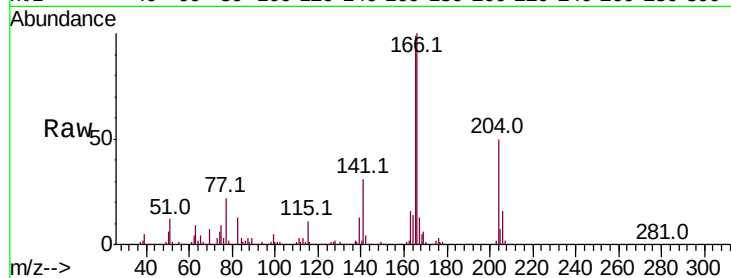
Instrument :

BNA\_M

ClientSampled :

Tot Ion:166 Resp: 1447070

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.6  | 78.6  | 118.0 |
| 167 | 13.1  | 11.1  | 16.7  |

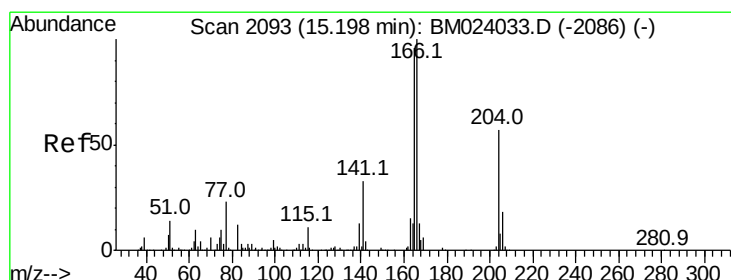
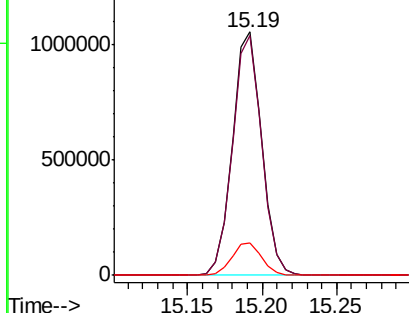
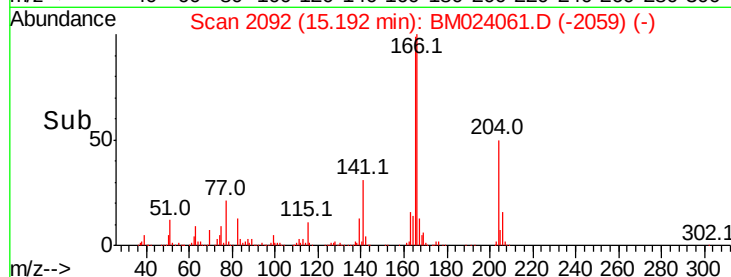


Abundance

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



#60

4-Chlorophenyl-phenylether

Concen: 19.706 ng/ul

RT: 15.19 min Scan# 2092

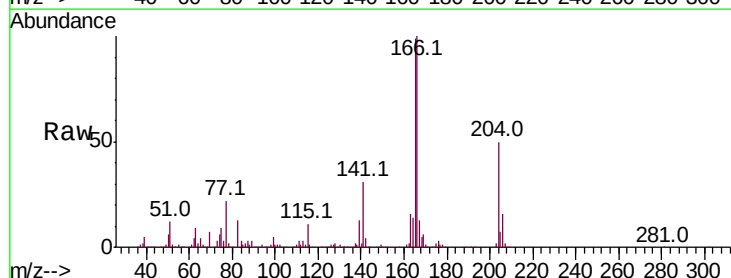
Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Tgt Ion:204 Resp: 716869

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 33.3  | 25.7  | 38.5  |
| 141 | 62.6  | 47.6  | 71.4  |

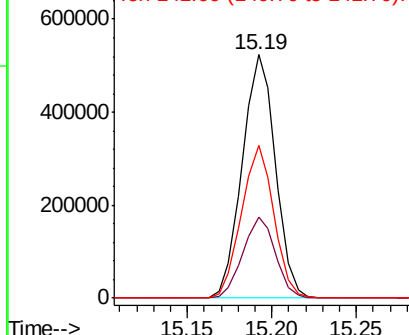
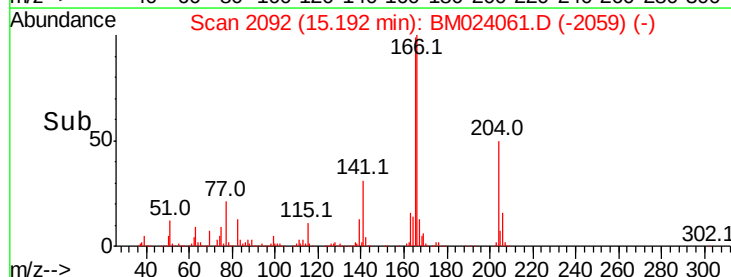


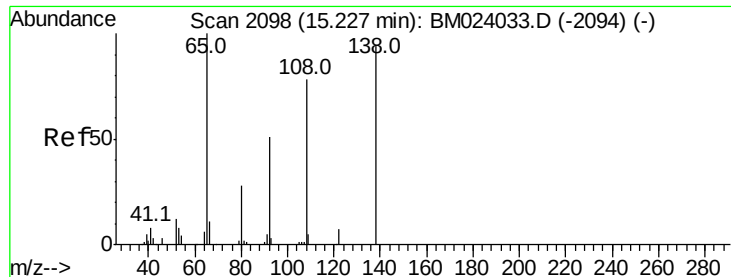
Abundance

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

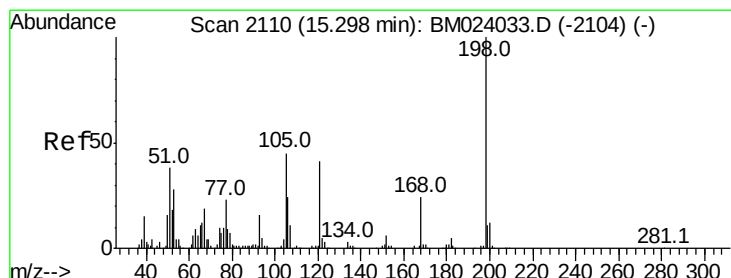
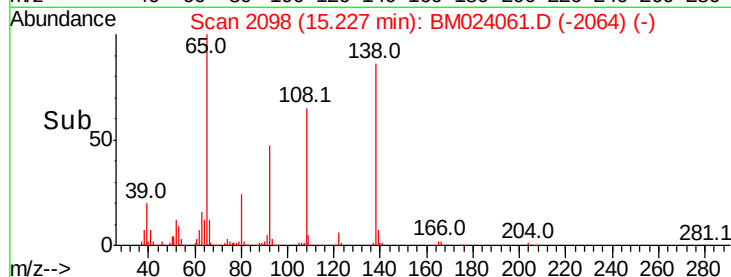
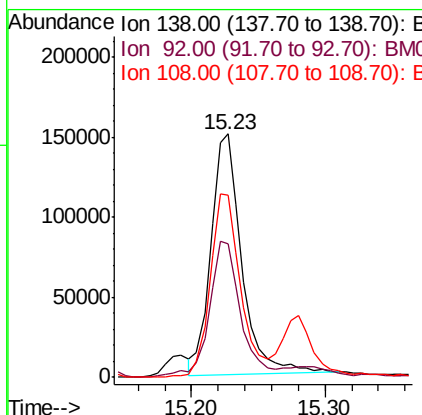
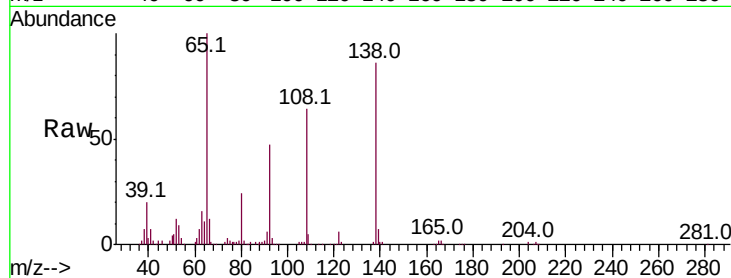




#61  
4-Nitroaniline  
Concen: 16.040 ng/ul  
RT: 15.23 min Scan# 2098  
Delta R.T. 0.00 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

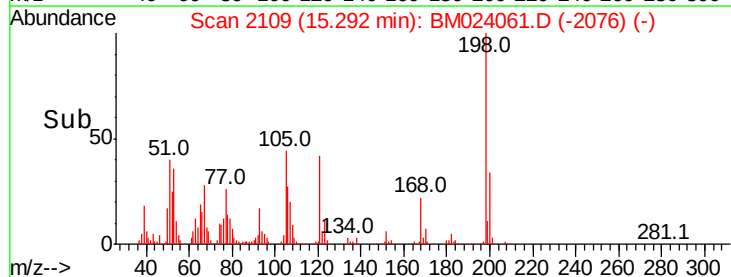
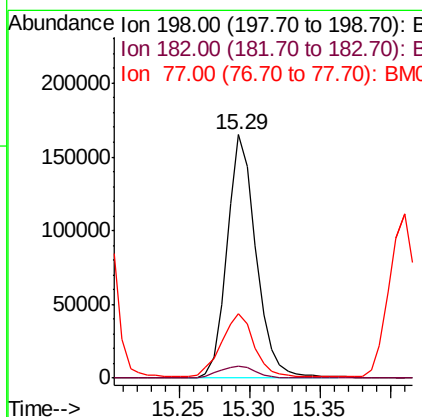
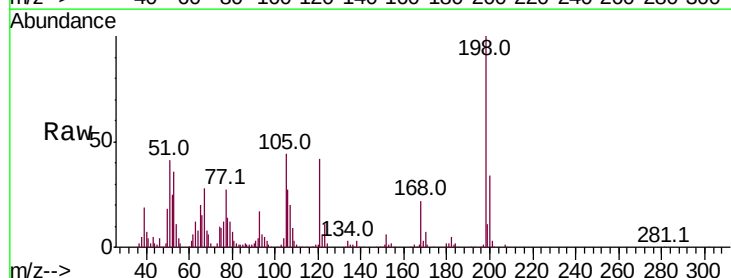
Instrument :  
BNA\_M  
ClientSampleId :

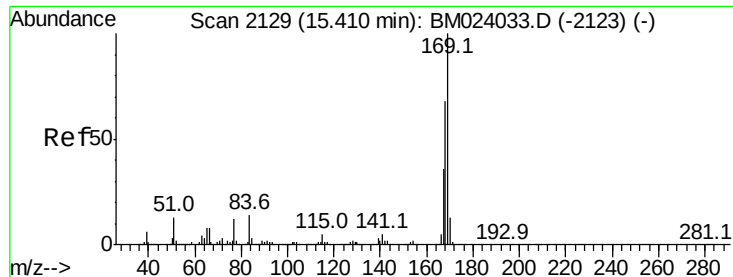
Tot Ion:138 Resp: 243576  
Ion Ratio Lower Upper  
138 100  
92 54.7 41.4 62.0  
108 74.8 60.4 90.6



#64  
4,6-Dinitro-2-methylphenol  
Concen: 18.183 ng/ul  
RT: 15.29 min Scan# 2109  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

Tgt Ion:198 Resp: 236692  
Ion Ratio Lower Upper  
198 100  
182 5.0 4.7 7.1  
77 26.6 21.1 31.7

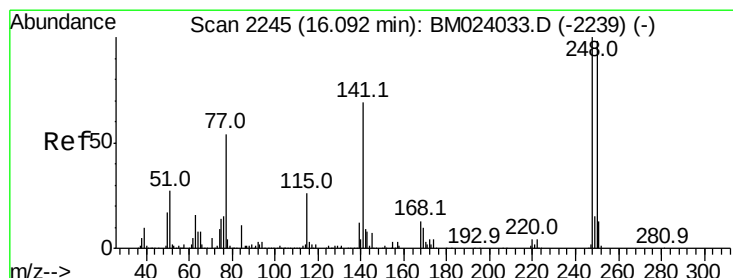
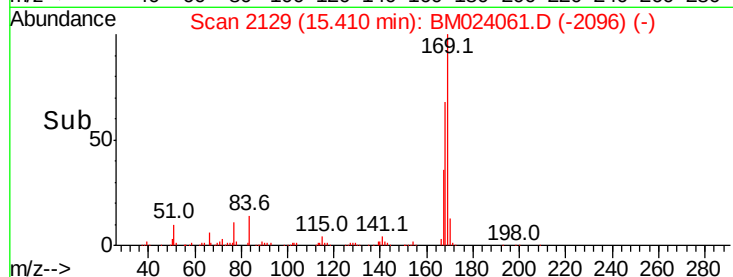
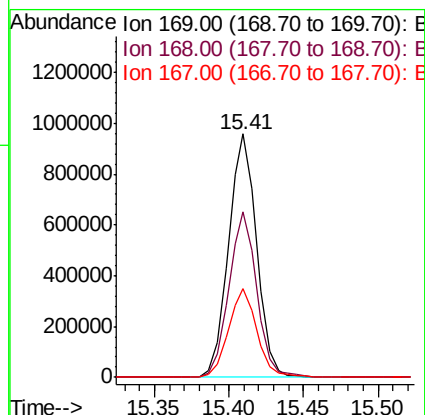
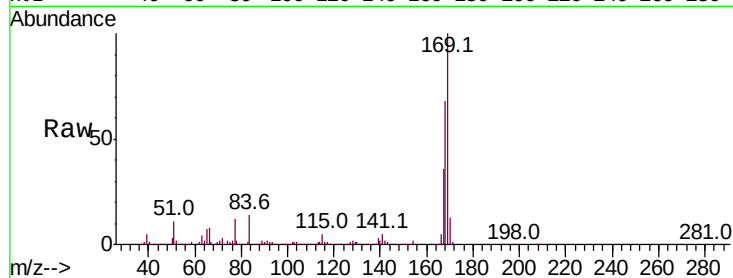




#65  
N-Nitrosodiphenylamine  
Concen: 20.733 ng/ul  
RT: 15.41 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

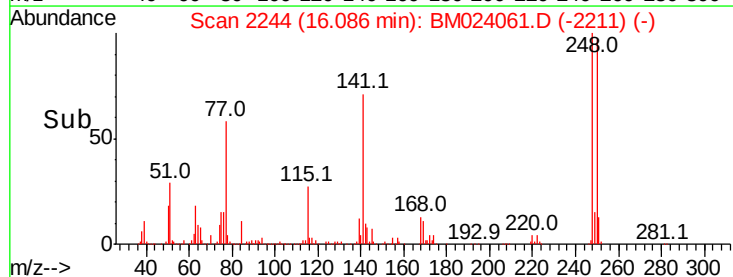
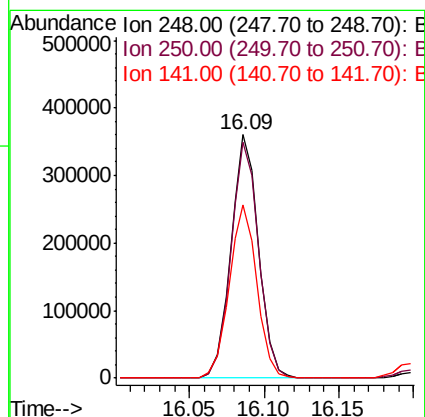
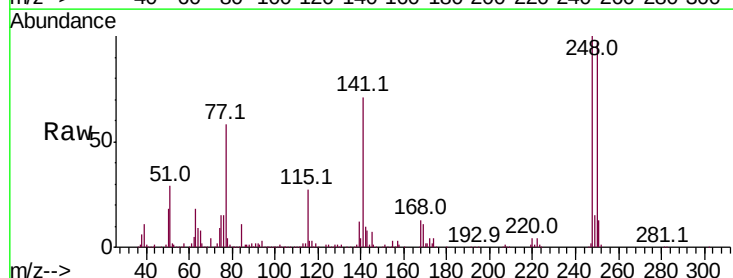
Instrument :  
BNA\_M  
ClientSampleId :

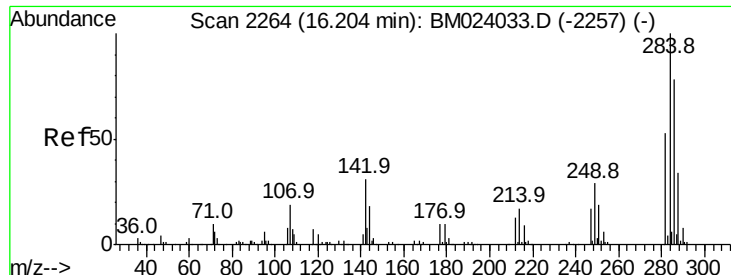
Tot Ion:169 Resp: 1267752  
Ion Ratio Lower Upper  
169 100  
168 68.0 54.1 81.1  
167 36.4 28.8 43.2



#66  
4-Bromophenyl-phenylether  
Concen: 19.789 ng/ul  
RT: 16.09 min Scan# 2244  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

Tgt Ion:248 Resp: 465830  
Ion Ratio Lower Upper  
248 100  
250 97.1 79.1 118.7  
141 71.4 58.4 87.6





#67

Hexachlorobenzene

Concen: 19.684 ng/ul

RT: 16.20 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

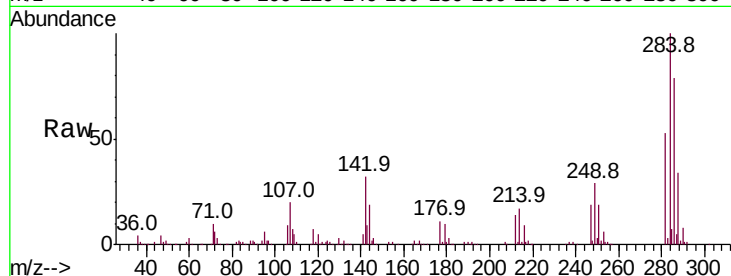
Tot Ion:284 Resp: 537059

Ion Ratio Lower Upper

284 100

142 32.0 23.6 35.4

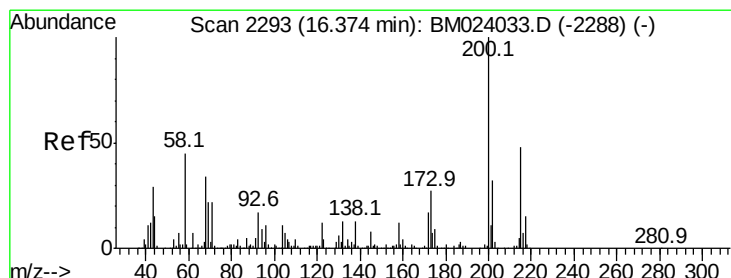
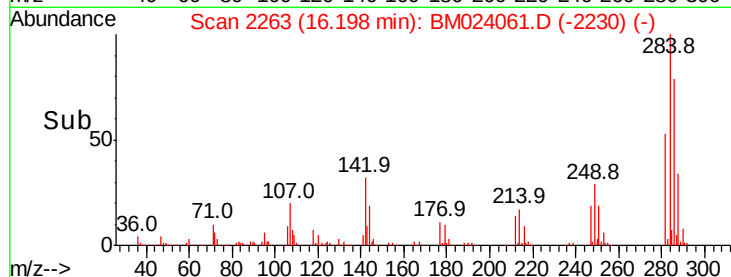
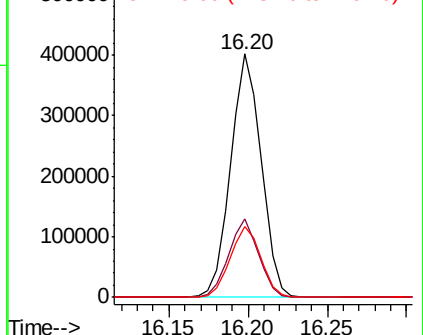
249 29.0 22.6 33.8



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 19.655 ng/ul

RT: 16.37 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

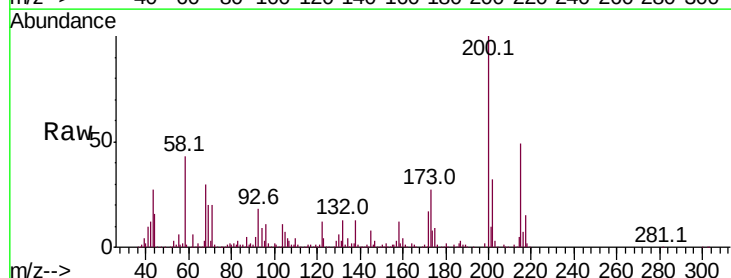
Tgt Ion:200 Resp: 421317

Ion Ratio Lower Upper

200 100

173 26.7 22.2 33.2

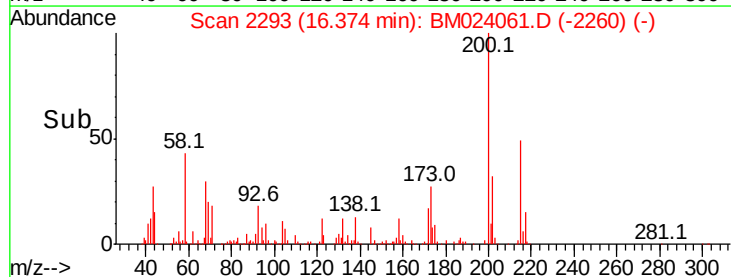
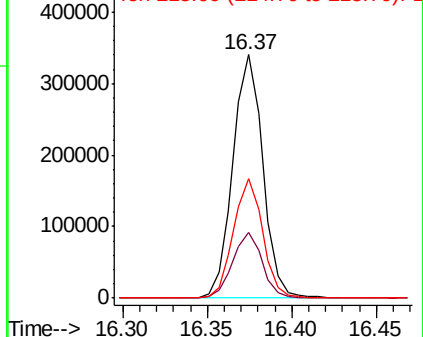
215 49.0 38.6 57.8

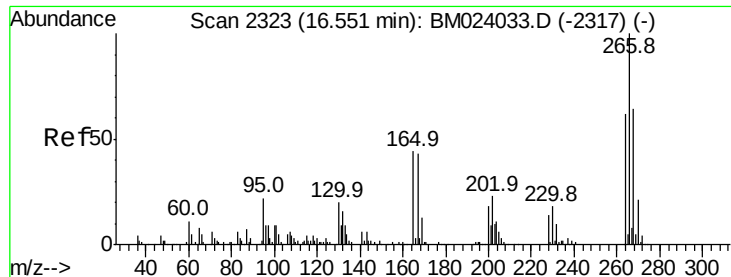


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

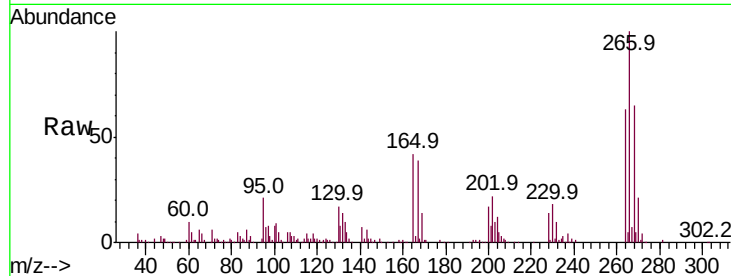




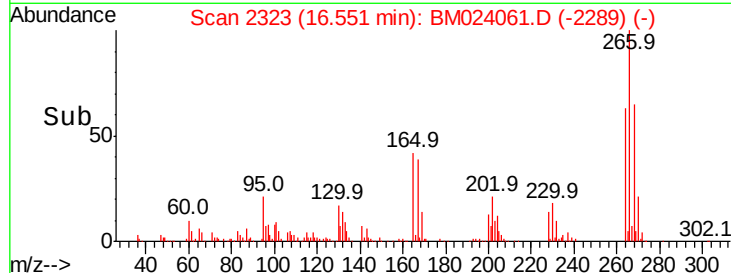
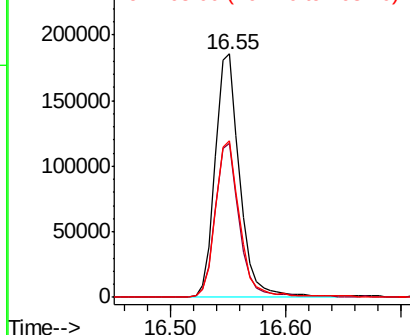
#69  
 Pentachlorophenol  
 Concen: 17.795 ng/ul  
 RT: 16.55 min Scan# 2323  
 Delta R.T. 0.00 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.4  | 48.2  | 72.2  |
| 268     | 64.6  | 49.6  | 74.4  |

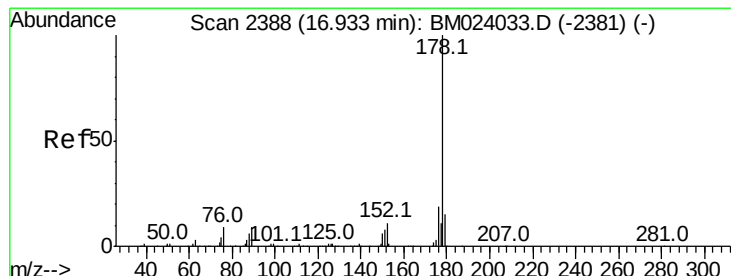


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

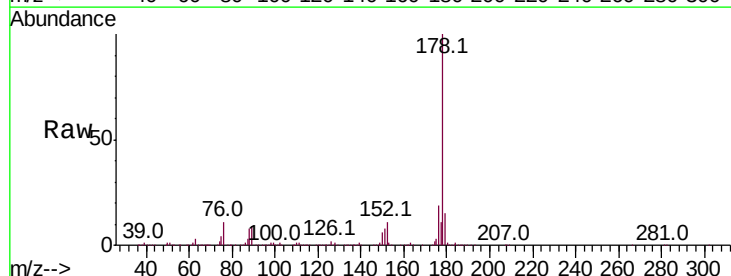
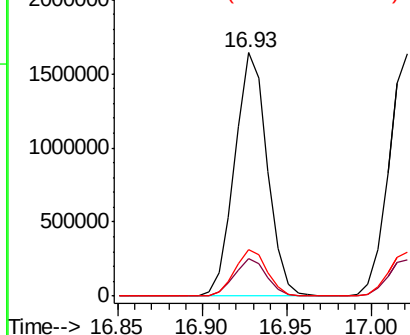


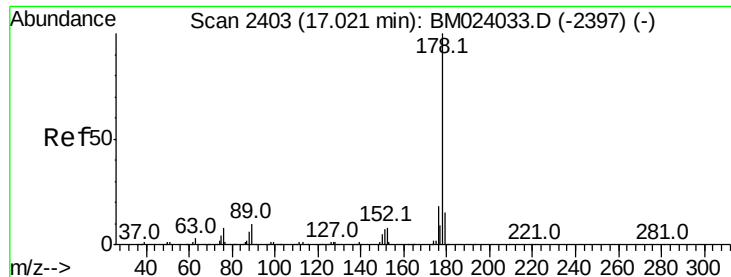
#70  
 Phenanthrene  
 Concen: 20.230 ng/ul  
 RT: 16.93 min Scan# 2387  
 Delta R.T. -0.01 min  
 Lab File: BM024061.D  
 Acq: 12 Dec 2019 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.5  | 12.0  | 18.0  |
| 176     | 19.3  | 15.1  | 22.7  |



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

Anthracene

Concen: 20.397 ng/ul

RT: 17.02 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

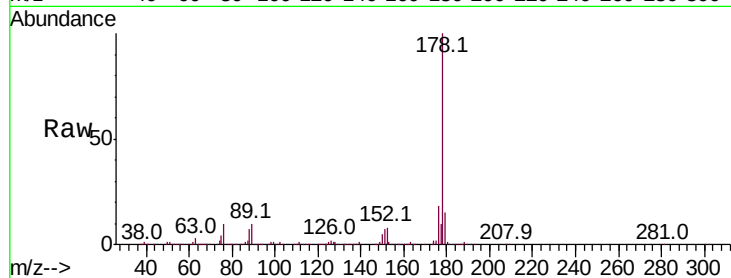
Tot Ion:178 Resp: 2258840

Ion Ratio Lower Upper

178 100

179 15.1 11.9 17.9

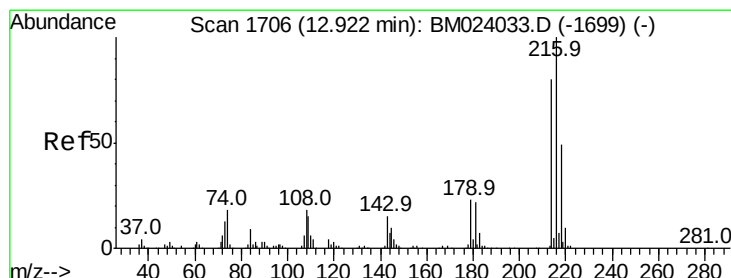
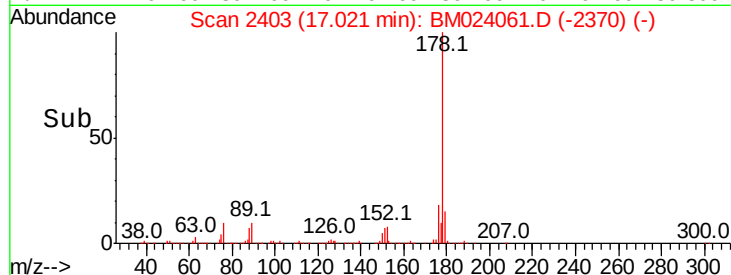
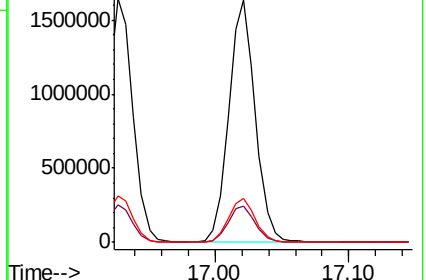
176 18.4 14.7 22.1



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 20.596 ng/uL

RT: 12.92 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

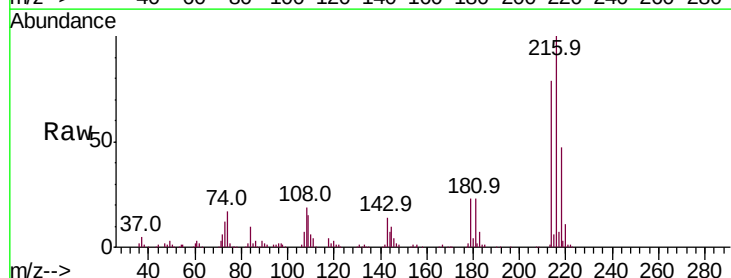
Tgt Ion:216 Resp: 598101

Ion Ratio Lower Upper

216 100

214 79.0 62.7 94.1

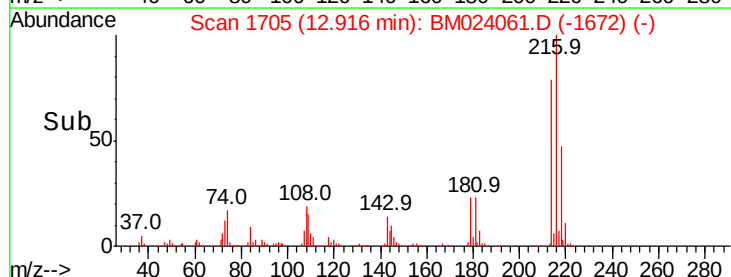
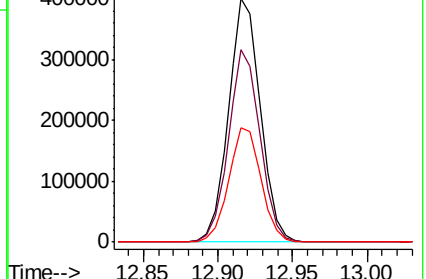
218 46.9 38.0 57.0

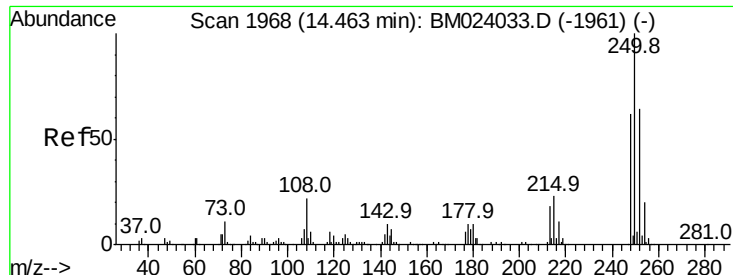


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 19.762 ng/uL

RT: 14.46 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampled :

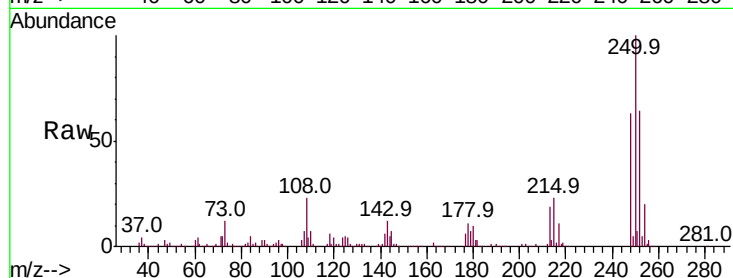
Tot Ion:250 Resp: 617132

Ion Ratio Lower Upper

250 100

248 62.8 48.6 73.0

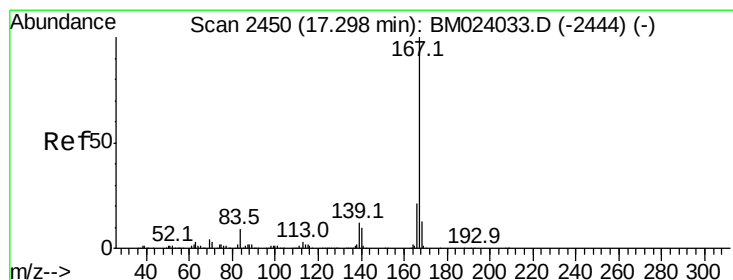
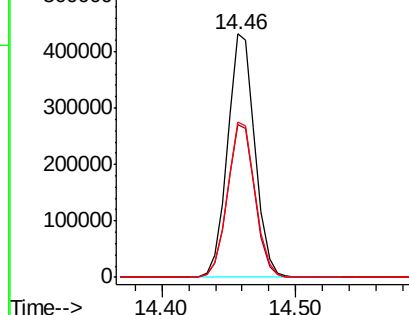
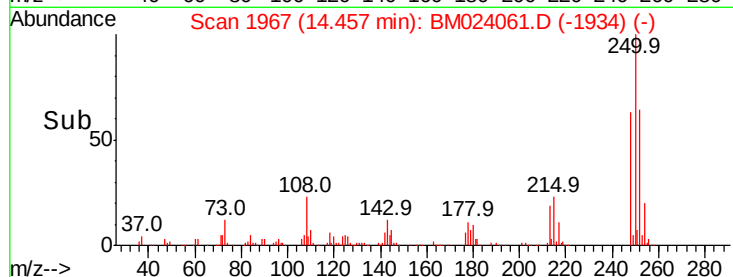
252 63.6 51.4 77.2



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



#75

Carbazole

Concen: 20.070 ng/uL

RT: 17.30 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

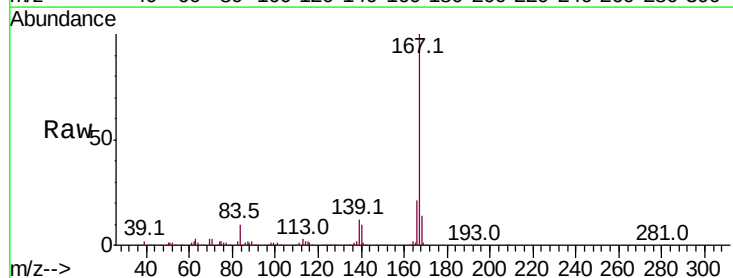
Tgt Ion:167 Resp: 1924527

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

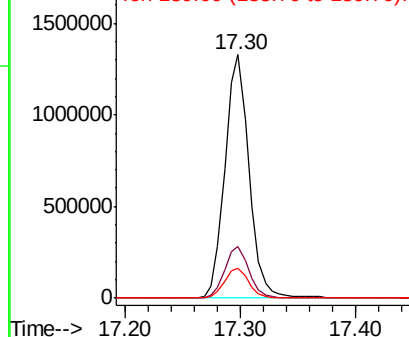
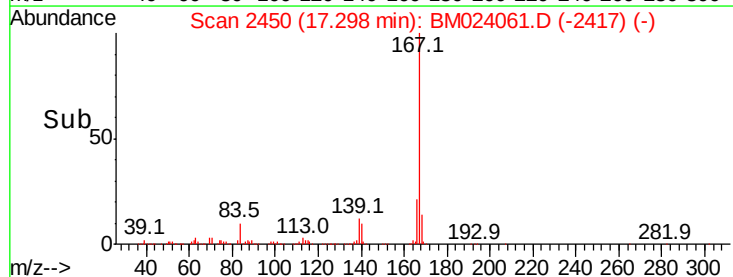
139 12.1 10.2 15.2



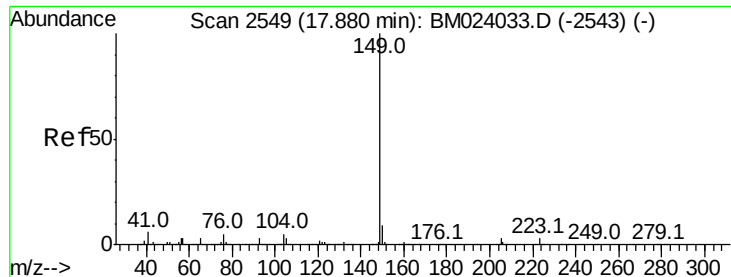
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



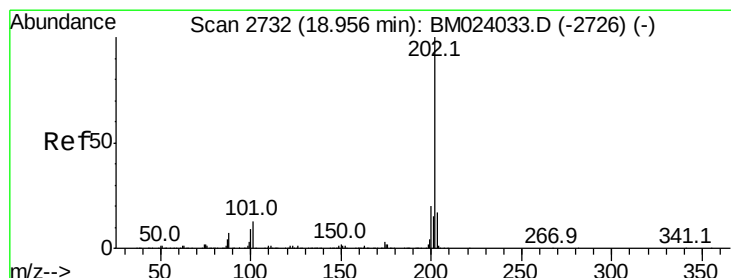
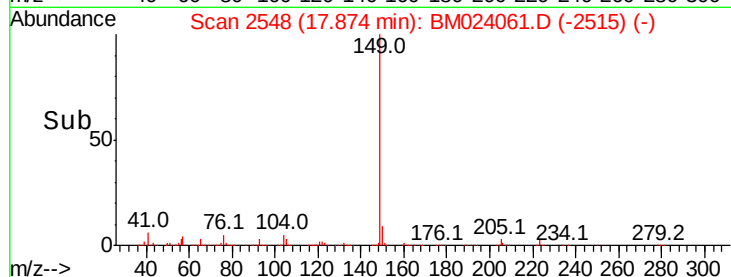
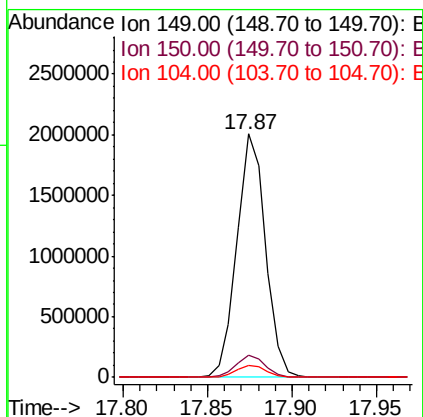
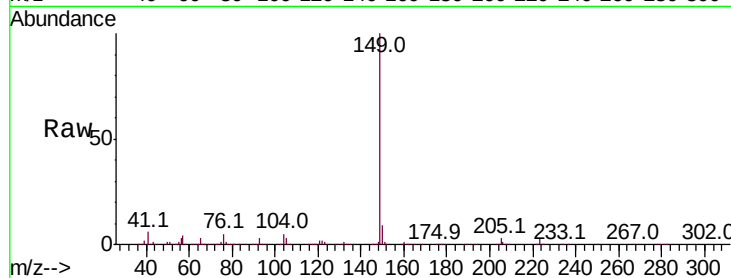




#76  
Di-n-butylphthalate  
Concen: 19.907 ng/ul  
RT: 17.87 min Scan# 2548  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

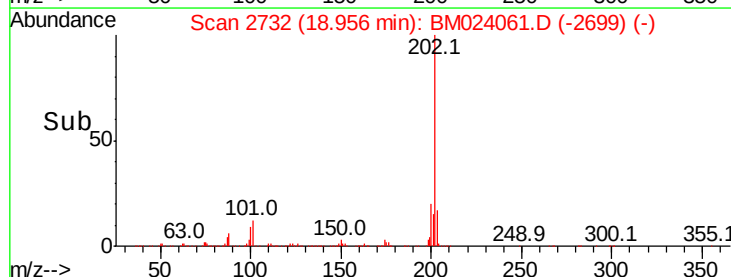
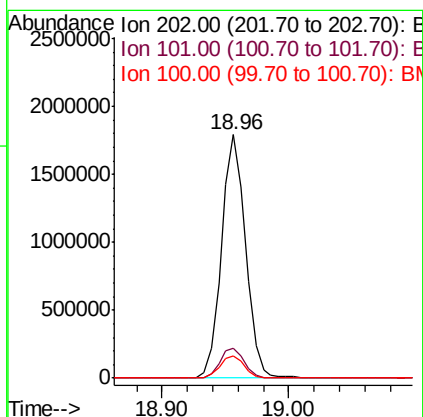
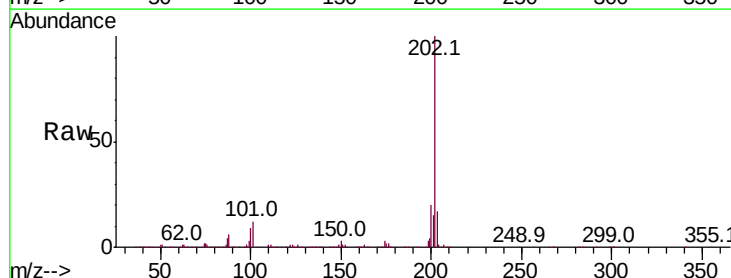
Instrument :  
BNA\_M  
ClientSampled :

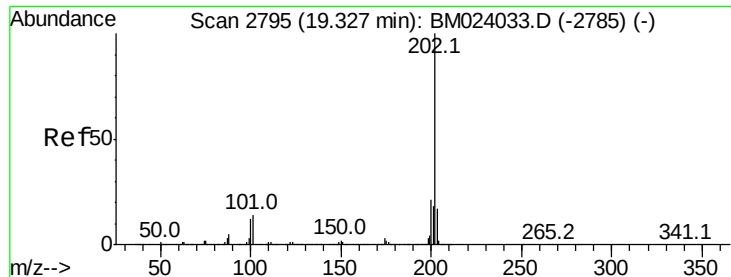
Tot Ion:149 Resp: 2373652  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.0 10.6  
104 5.0 3.8 5.6



#77  
Fluoranthene  
Concen: 20.081 ng/ul  
RT: 18.96 min Scan# 2732  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

Tgt Ion:202 Resp: 2348944  
Ion Ratio Lower Upper  
202 100  
101 12.3 10.1 15.1  
100 9.4 7.8 11.6

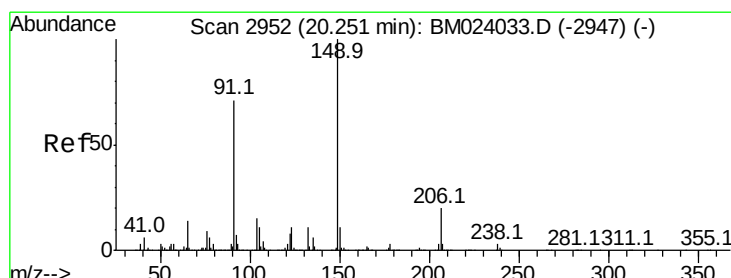
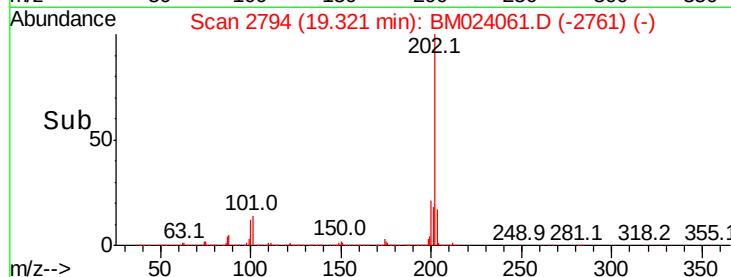
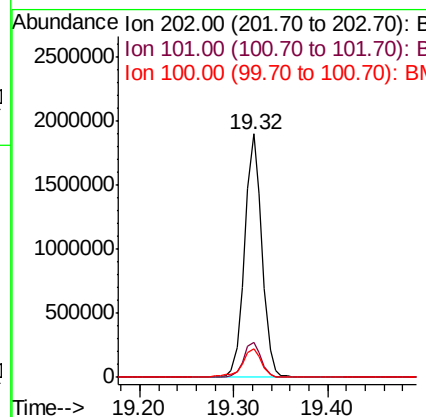
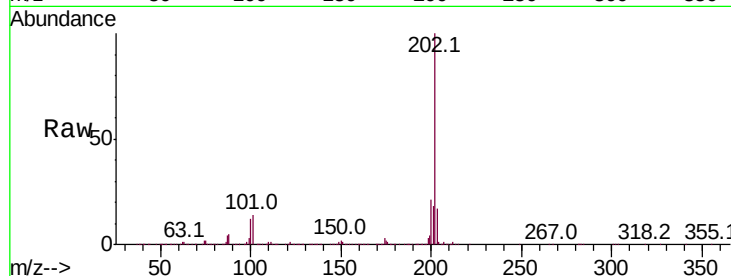




#80  
Pvrene  
Concen: 21.666 ng/ul  
RT: 19.32 min Scan# 2794  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

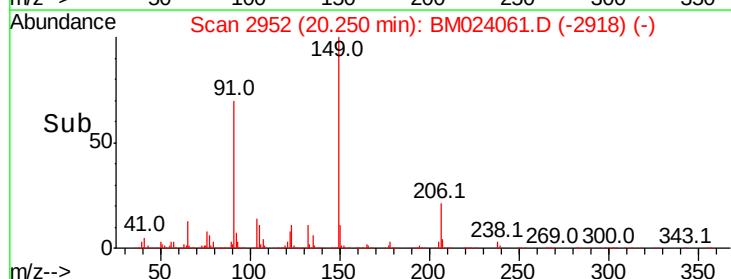
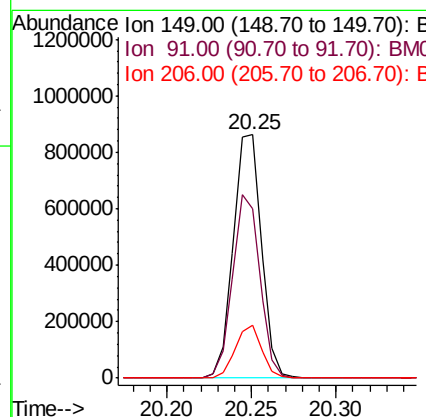
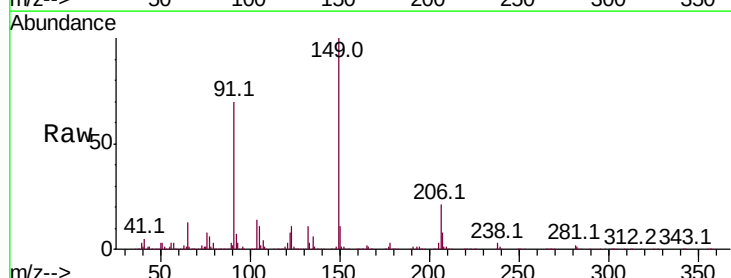
Instrument :  
BNA\_M  
ClientSampleId :

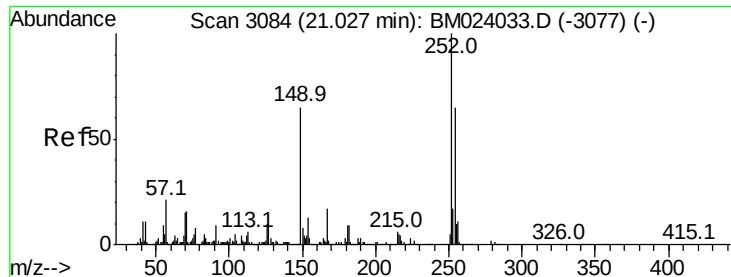
Tot Ion:202 Resp: 2407559  
Ion Ratio Lower Upper  
202 100  
101 14.4 11.8 17.6  
100 12.0 9.8 14.6



#81  
Butylbenzylphthalate  
Concen: 21.141 ng/ul  
RT: 20.25 min Scan# 2952  
Delta R.T. 0.00 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

Tgt Ion:149 Resp: 998052  
Ion Ratio Lower Upper  
149 100  
91 69.8 56.9 85.3  
206 21.5 16.2 24.4





#82

3,3'-Dichlorobenzidine

Concen: 17.379 ng/ul

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM024061.D

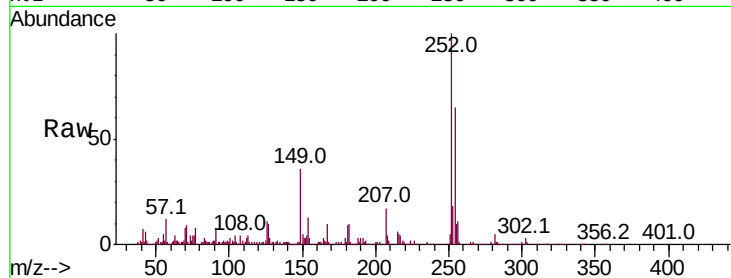
Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

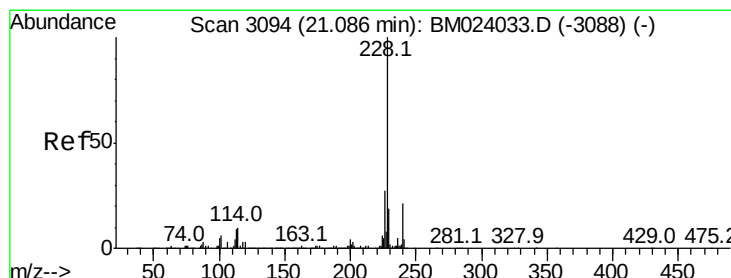
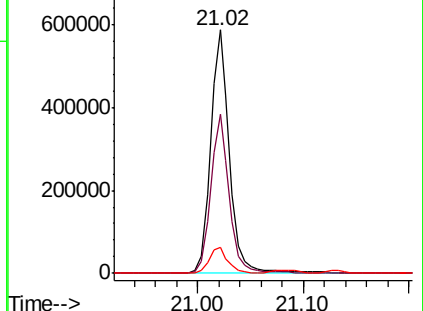
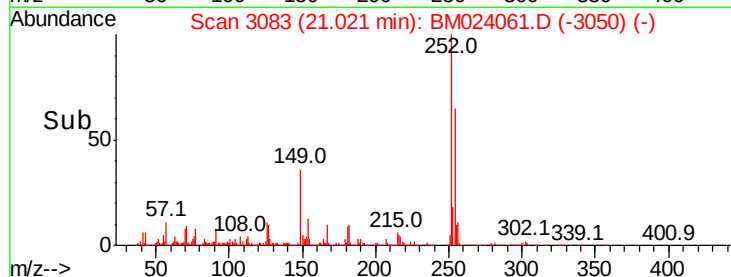
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 252   | Resp: | 724714 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 65.3  | 52.1  | 78.1   |
| 126      | 10.9  | 8.4   | 12.6   |



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 20.302 ng/ul

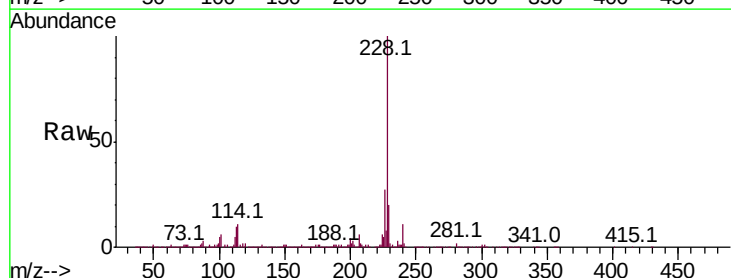
RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

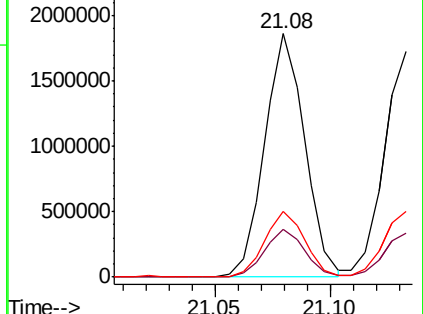
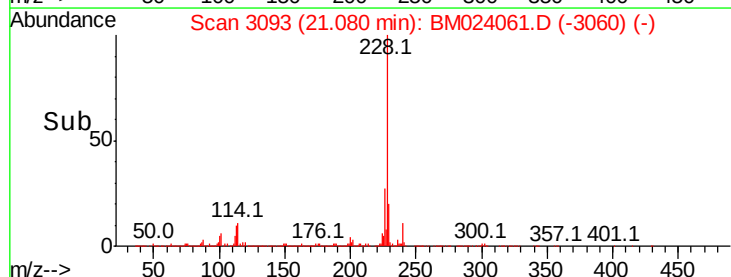
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 228   | Resp: | 2238036 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 229      | 19.9  | 15.6  | 23.4    |
| 226      | 26.9  | 21.4  | 32.0    |

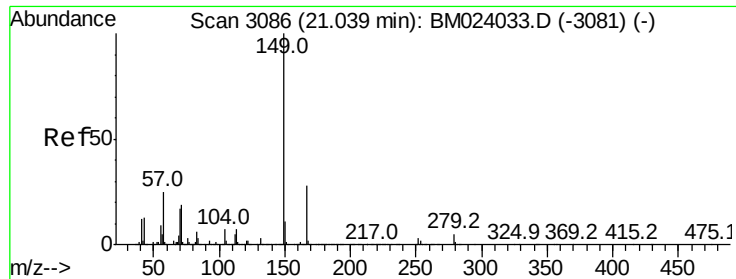


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 20.470 ng/ul

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

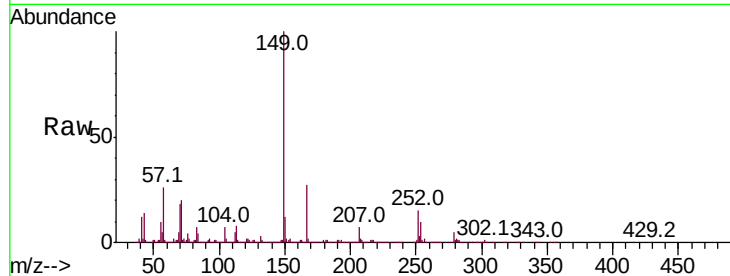
Tot Ion:149 Resp: 1436334

Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

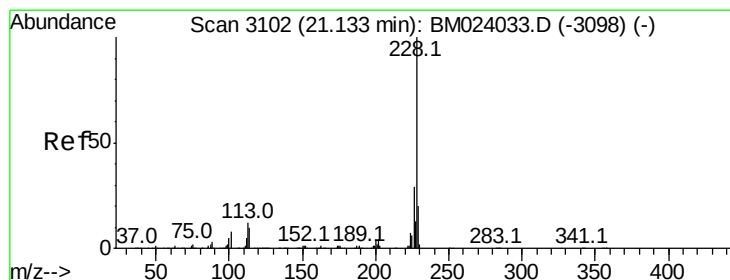
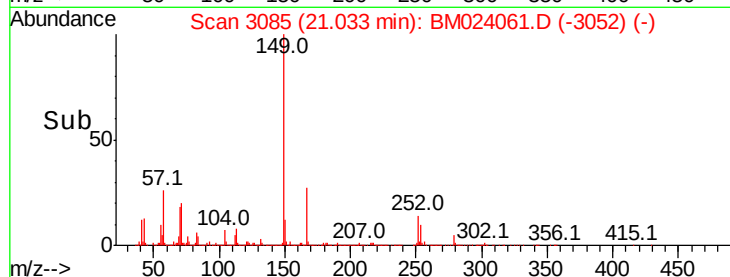
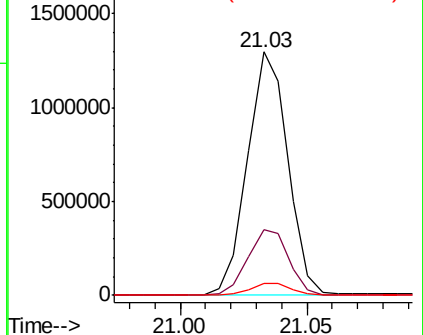
279 4.7 4.0 6.0



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



#85

Chrysene

Concen: 20.343 ng/ul

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

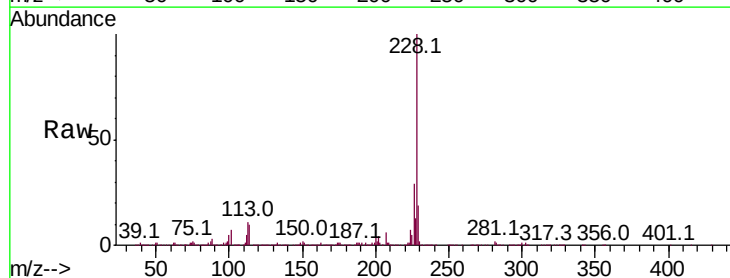
Tgt Ion:228 Resp: 2105984

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

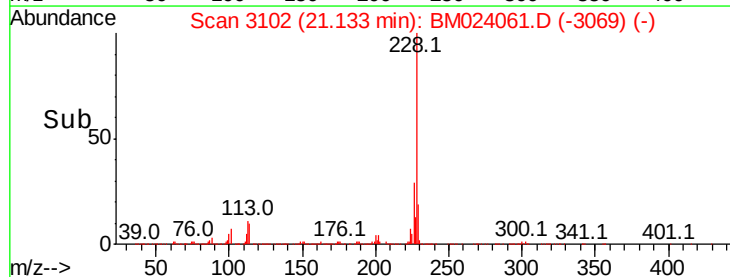
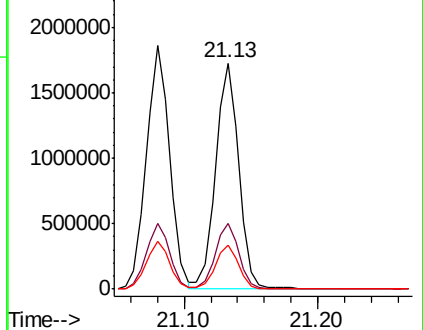
229 19.2 15.3 22.9

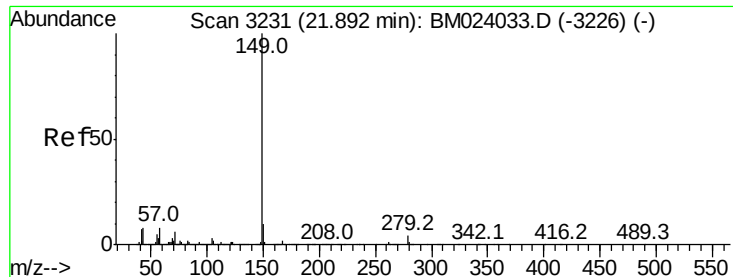


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 21.319 ng/ul

RT: 21.89 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM024061.D

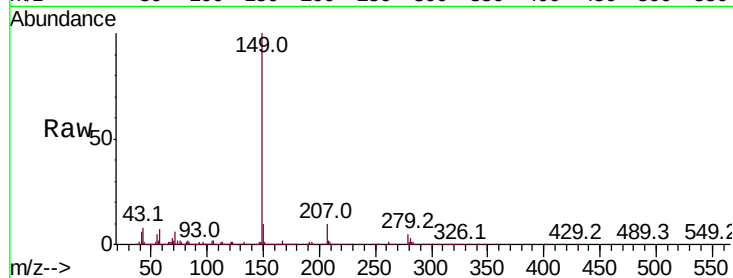
Acq: 12 Dec 2019 16:39

Instrument :

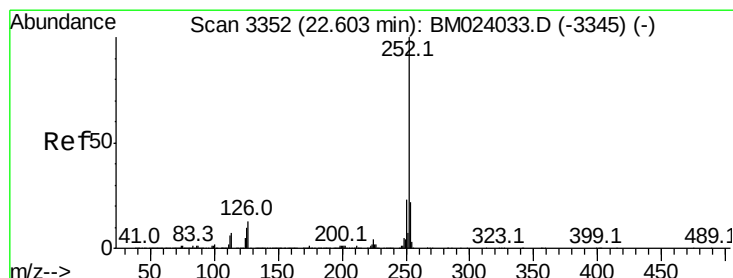
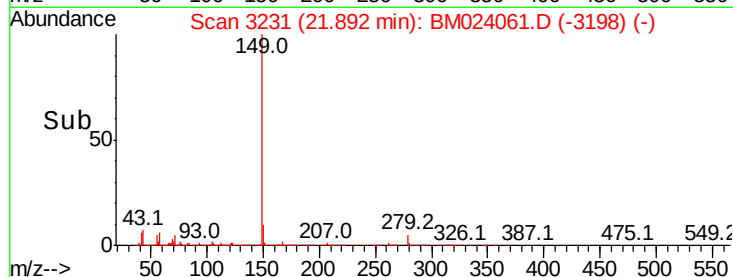
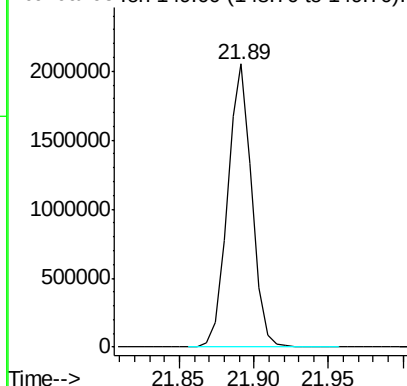
BNA\_M

ClientSampleId :

Tgt Ion:149 Resp: 2324850



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 19.839 ng/ul

RT: 22.60 min Scan# 3352

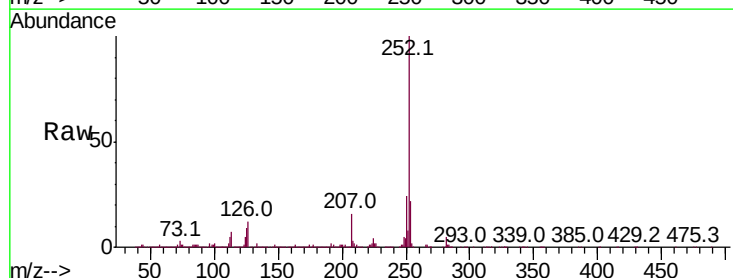
Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Tgt Ion:252 Resp: 2288117

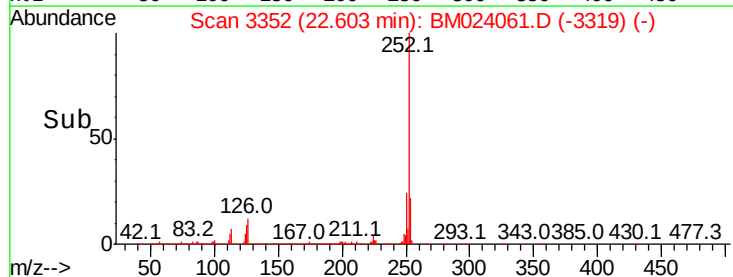
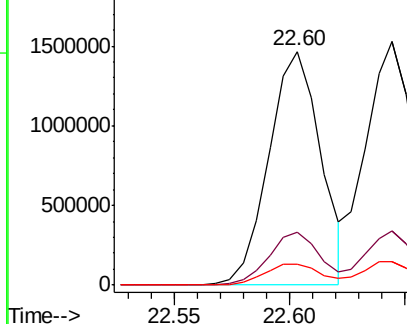
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 17.4  | 26.0  |
| 125 | 9.1   | 7.4   | 11.2  |

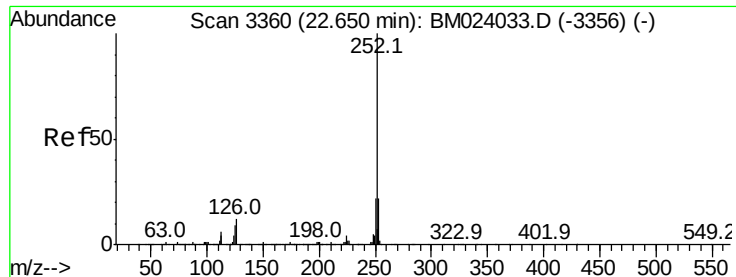


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 20.993 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

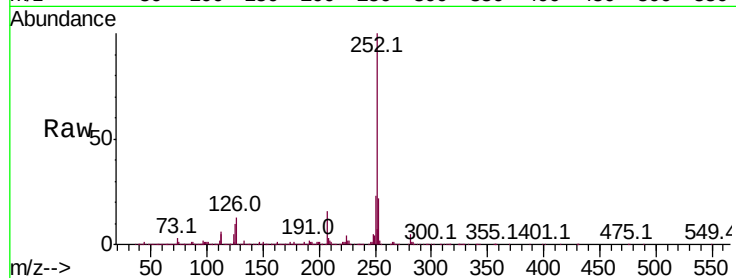
Tot Ion:252 Resp: 2298399

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

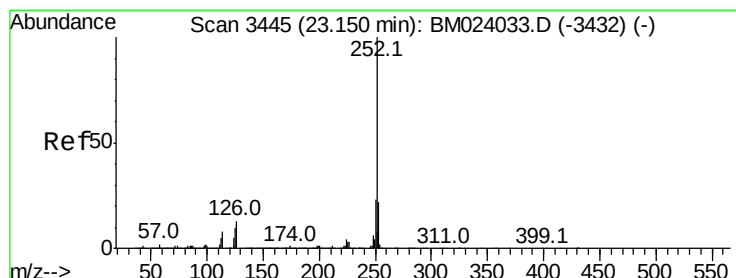
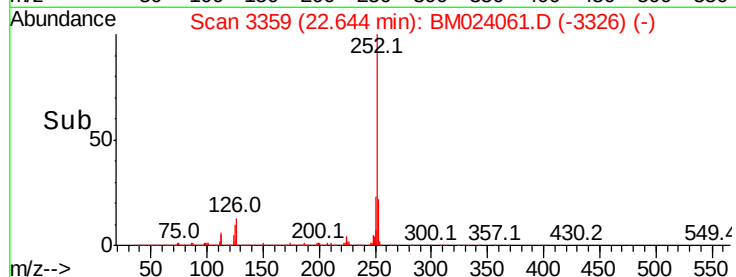
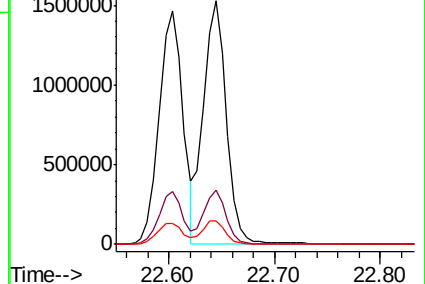
125 9.6 7.0 10.4



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

Benzo(a)pyrene

Concen: 20.244 ng/ul

RT: 23.14 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

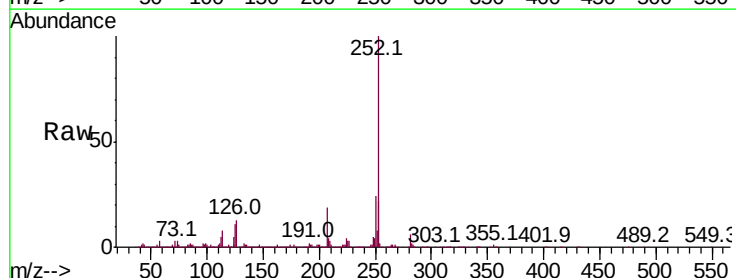
Tgt Ion:252 Resp: 2207574

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

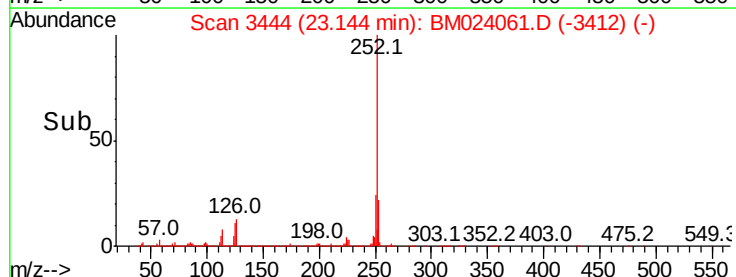
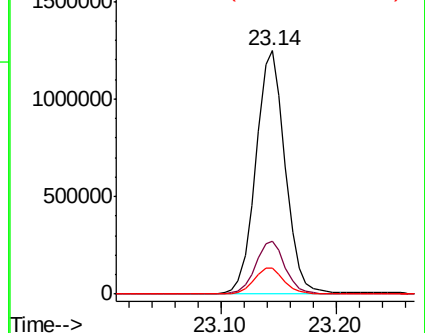
125 10.7 7.8 11.6

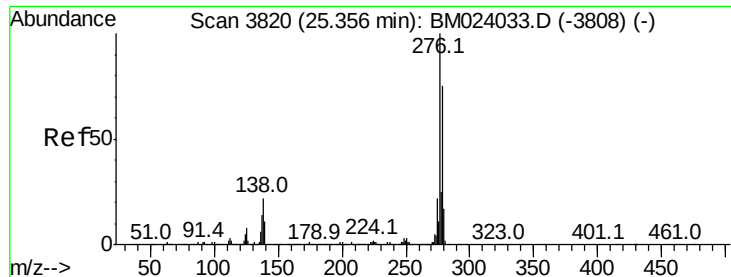


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



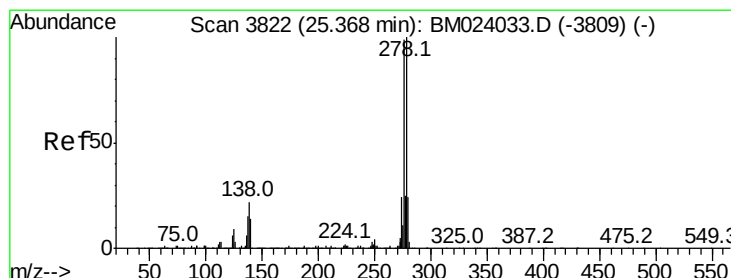
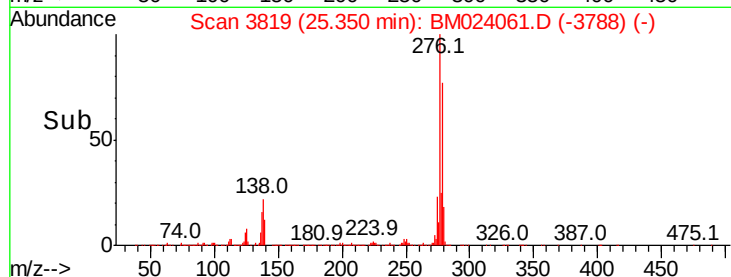
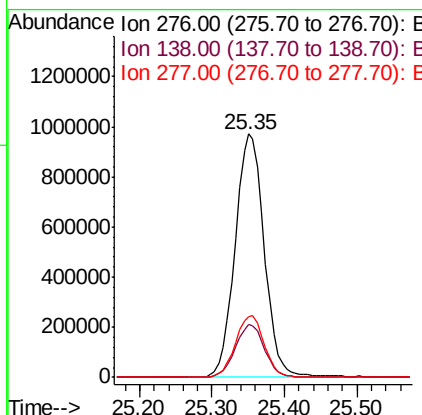
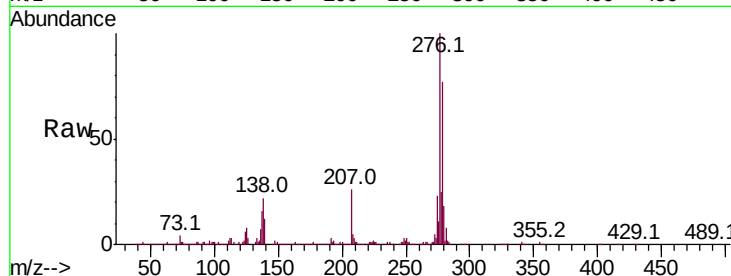


#92

Indeno(1,2,3-cd)pyrene  
Concen: 19.987 ng/ul  
RT: 25.35 min Scan# 3819  
Delta R.T. -0.02 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

Instrument :  
BNA\_M  
ClientSampleId :

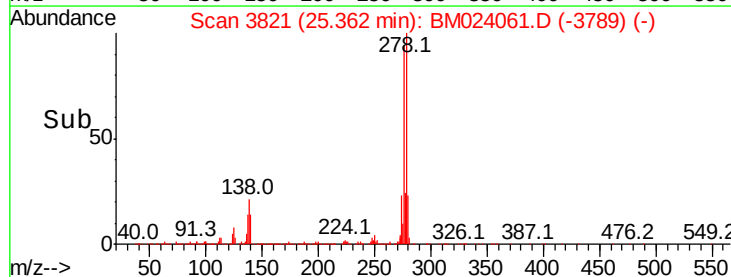
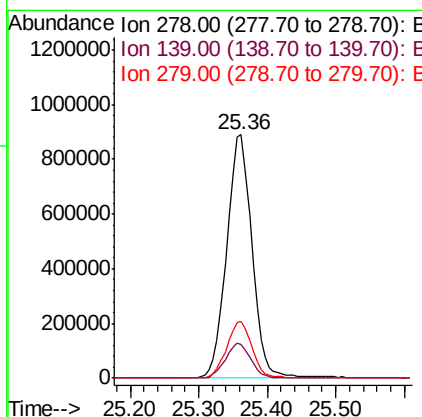
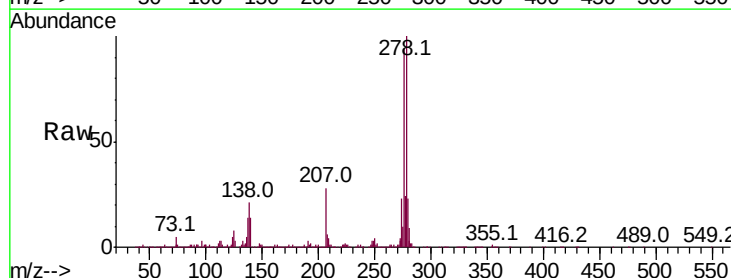
Tot Ion:276 Resp: 2706521  
Ion Ratio Lower Upper  
276 100  
138 22.0 17.0 25.6  
277 24.7 19.8 29.8

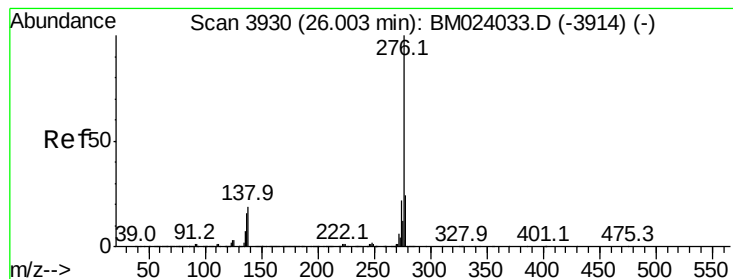


#93

Dibenzo(a,h)anthracene  
Concen: 20.078 ng/ul  
RT: 25.36 min Scan# 3821  
Delta R.T. -0.01 min  
Lab File: BM024061.D  
Acq: 12 Dec 2019 16:39

Tgt Ion:278 Resp: 2283698  
Ion Ratio Lower Upper  
278 100  
139 14.0 11.6 17.4  
279 23.3 19.1 28.7





#94

Benzo(a,h,i)perylene

Concen: 19.846 ng/ul

RT: 25.99 min Scan# 3928

Delta R.T. -0.02 min

Lab File: BM024061.D

Acq: 12 Dec 2019 16:39

Instrument :

BNA\_M

ClientSampleId :

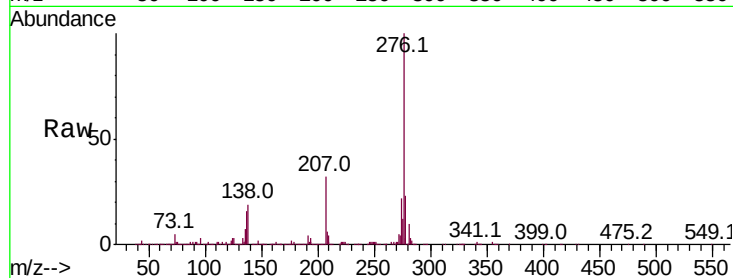
Tot Ion:276 Resp: 2250648

Ion Ratio Lower Upper

276 100

138 18.7 14.9 22.3

277 22.7 19.1 28.7



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

