

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102323\  
 Data File : BM042403.D  
 Acq On : 23 Oct 2023 15:43  
 Operator : MA/JU  
 Sample : 04844-05MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 23 20:07:42 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 21 02:32:53 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.999  | 152  | 137400   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.816 | 136  | 540357   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.639 | 164  | 274773   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.392 | 188  | 533368   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.574 | 240  | 507048   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.039 | 264  | 603315   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 920671   | 94.701 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.146  | 99   | 1185928  | 91.026 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.193  | 82   | 733108   | 59.993 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.133 | 330  | 257573   | 88.089 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.263 | 172  | 1246288  | 61.078 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.004 | 244  | 1707973  | 59.739 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.393  | 88   | 208787   | 45.608 | ng    | 98       |
| 3) Pyridine                   | 3.811  | 79   | 526257   | 39.182 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.734  | 42   | 314008   | 46.305 | ng    | 94       |
| 6) Aniline                    | 7.334  | 93   | 446633   | 26.925 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.552  | 128  | 523671   | 54.285 | ng    | 96       |
| 9) Benzaldehyde               | 7.152  | 77   | 191749   | 25.269 | ng    | 99       |
| 10) Phenol                    | 7.175  | 94   | 704492   | 52.331 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.434  | 93   | 555137   | 50.226 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.875  | 146  | 544072   | 54.528 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.034  | 146  | 552754   | 55.034 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.346  | 146  | 526937   | 54.637 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.252  | 79   | 489095   | 50.642 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.504  | 45   | 462841   | 26.465 | ng    | 98       |
| 17) 2-Methylphenol            | 8.434  | 107  | 438816   | 49.396 | ng    | 98       |
| 18) Hexachloroethane          | 9.063  | 117  | 213193   | 55.137 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.816  | 70   | 434375   | 49.191 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.769  | 107  | 588970   | 49.429 | ng    | 97       |
| 22) Acetophenone              | 8.846  | 105  | 781217   | 52.993 | ng    | # 98     |
| 24) Nitrobenzene              | 9.240  | 77   | 631876   | 51.686 | ng    | 97       |
| 25) Isophorone                | 9.746  | 82   | 1103353  | 53.131 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.940  | 139  | 257256   | 54.298 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.975  | 122  | 418940   | 49.734 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.234 | 93   | 682951   | 51.907 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.457 | 162  | 436601   | 59.601 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.669 | 180  | 452823   | 57.662 | ng    | 98       |
| 31) Naphthalene               | 10.869 | 128  | 1485249  | 53.513 | ng    | 99       |
| 32) Benzoic acid              | 10.110 | 122  | 339886   | 54.372 | ng    | 97       |
| 33) 4-Chloroaniline           | 11.004 | 127  | 192255   | 15.954 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.098 | 225  | 253013   | 59.539 | ng    | 99       |
| 35) Caprolactam               | 11.828 | 113  | 144753   | 49.561 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.098 | 107  | 491238   | 55.570 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.469 | 142  | 948627   | 50.773 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.692 | 142  | 924647   | 52.827 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.822 | 216  | 471139   | 59.311 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.769 | 237  | 419946   | 96.501 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.075 | 196  | 314290   | 61.119 | ng    | 97       |

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 Sample : 04844-05MSD  
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 ALS Vial : 11 Sample Multiplier: 1

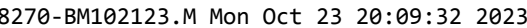
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 BNA\_M  
 ClientSampleId :

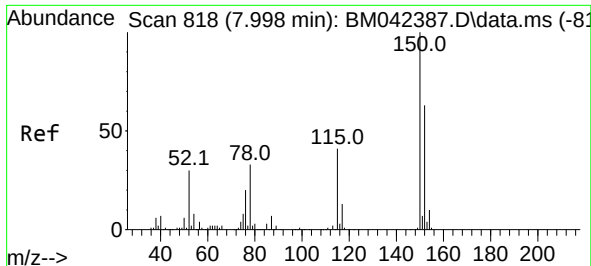
Quant Time: Oct 23 20:07:42 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 21 02:32:53 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.139 | 196  | 344216   | 56.626  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.481 | 154  | 1220264  | 55.981  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.528 | 162  | 919312   | 57.485  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.757 | 65   | 340788   | 48.215  | ng    | 97       |
| 49) Acenaphthylene            | 14.369 | 152  | 1497855  | 58.016  | ng    | 100      |
| 50) Dimethylphthalate         | 14.104 | 163  | 1067726  | 52.977  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.251 | 165  | 234033   | 51.221  | ng    | 90       |
| 52) Acenaphthene              | 14.704 | 154  | 855675   | 54.819  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.586 | 138  | 174677   | 33.434  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.786 | 184  | 280403   | 97.484  | ng    | 99       |
| 55) Dibenzofuran              | 15.039 | 168  | 1344558  | 54.462  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.875 | 139  | 473750   | 115.412 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 15.028 | 165  | 310326   | 50.733  | ng    | 93       |
| 58) Fluorene                  | 15.686 | 166  | 1078050  | 55.337  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.257 | 232  | 274950   | 60.209  | ng    | 95       |
| 60) Diethylphthalate          | 15.451 | 149  | 1070222  | 53.809  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.680 | 204  | 515814   | 56.222  | ng    | 94       |
| 62) 4-Nitroaniline            | 15.751 | 138  | 239770   | 46.441  | ng    | 98       |
| 63) Azobenzene                | 15.975 | 77   | 1255931  | 52.632  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.780 | 198  | 166354   | 48.723  | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 15.904 | 169  | 902891   | 56.203  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.575 | 248  | 259836   | 52.563  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.657 | 284  | 320896   | 60.730  | ng    | 98       |
| 69) Atrazine                  | 16.851 | 200  | 299685   | 73.562  | ng    | 100      |
| 70) Pentachlorophenol         | 17.022 | 266  | 470494   | 104.665 | ng    | 99       |
| 71) Phenanthrene              | 17.433 | 178  | 1641117  | 56.560  | ng    | 100      |
| 72) Anthracene                | 17.527 | 178  | 1620261  | 56.384  | ng    | 99       |
| 73) Carbazole                 | 17.816 | 167  | 1518789  | 56.339  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.333 | 149  | 1895591  | 55.087  | ng    | 100      |
| 75) Fluoranthene              | 19.445 | 202  | 1867227  | 58.431  | ng    | 99       |
| 77) Benzidine                 | 19.657 | 184  | 832154   | 113.464 | ng    | 100      |
| 78) Pyrene                    | 19.816 | 202  | 1943697  | 54.857  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.692 | 149  | 885883   | 54.671  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.557 | 228  | 1918767  | 56.449  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.498 | 252  | 525626   | 51.800  | ng    | 99       |
| 83) Chrysene                  | 21.615 | 228  | 1749400  | 53.584  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.439 | 149  | 1263460  | 54.820  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.380 | 149  | 2280613  | 57.078  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.633 | 276  | 2487475  | 56.418  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.280 | 252  | 2071684  | 57.047  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.327 | 252  | 1913934  | 50.763  | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.927 | 252  | 1807119  | 51.701  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.650 | 278  | 2057751  | 56.134  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.439 | 276  | 1980191  | 55.623  | ng    | 95       |

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

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QLast Update : Sat Oct 21 02:32:53 2023  
Response via : Initial Calibration

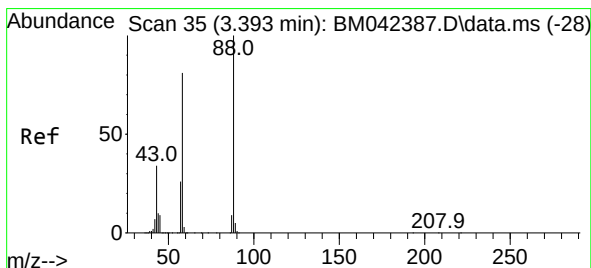
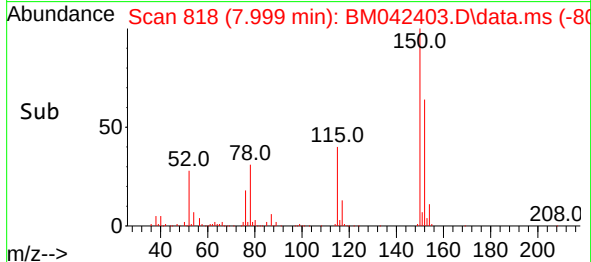
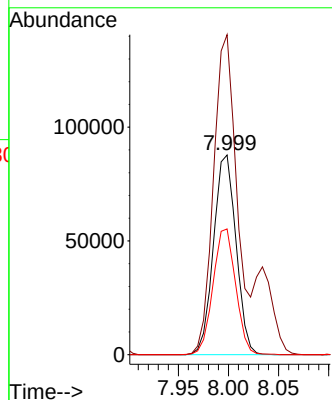
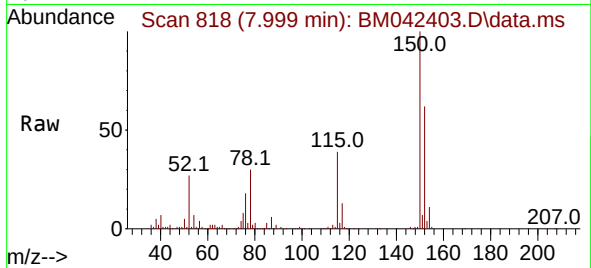




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.999 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

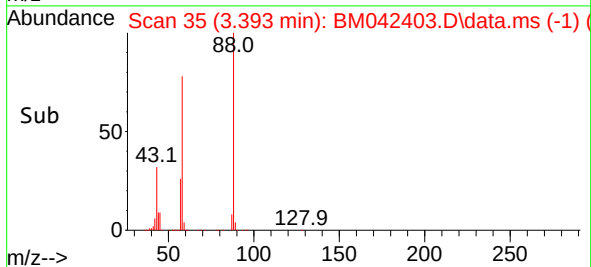
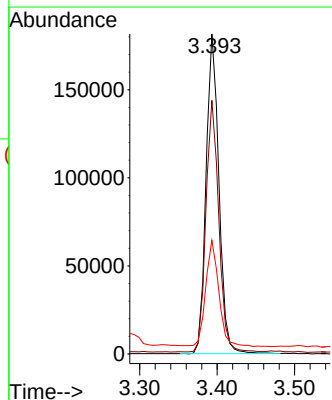
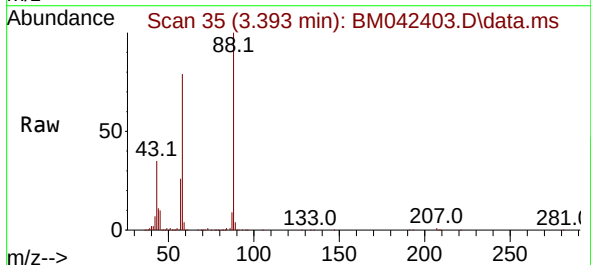
Instrument :  
BNA\_M  
ClientSampleId :

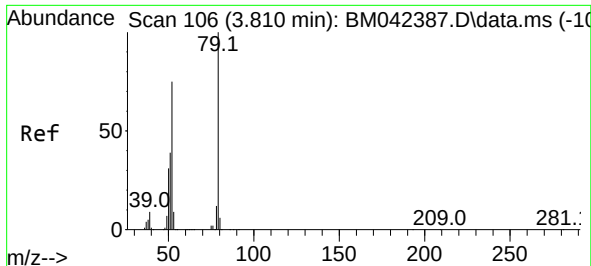
Tgt Ion:152 Resp: 137400  
Ion Ratio Lower Upper  
152 100  
150 160.2 126.2 189.4  
115 62.9 51.9 77.9



#2  
1,4-Dioxane  
Concen: 45.608 ng  
RT: 3.393 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion: 88 Resp: 208787  
Ion Ratio Lower Upper  
88 100  
58 78.8 64.9 97.3  
43 34.2 27.8 41.8

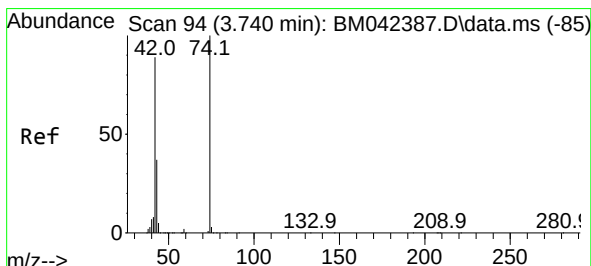
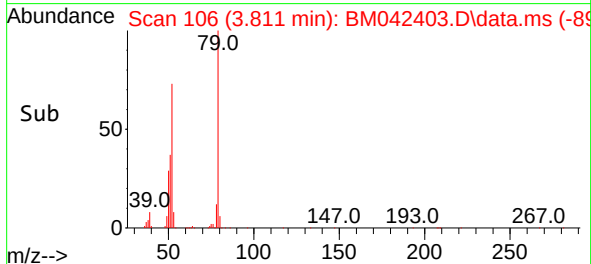
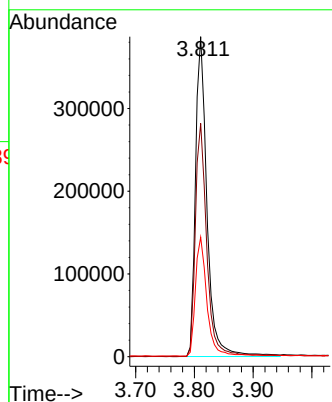
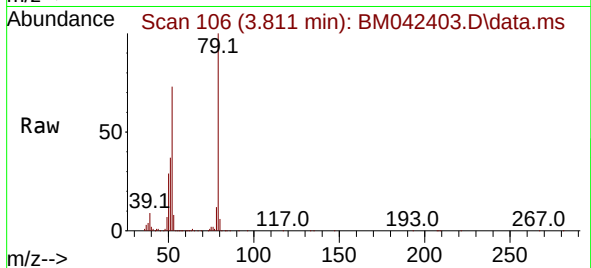




#3  
Pyridine  
Concen: 39.182 ng  
RT: 3.811 min Scan# 106  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

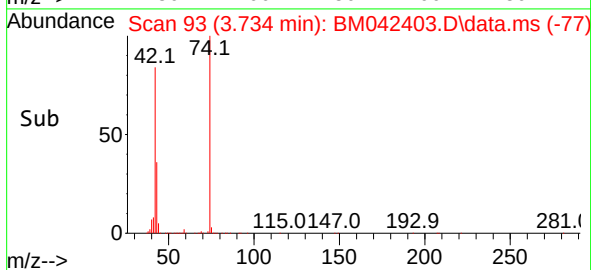
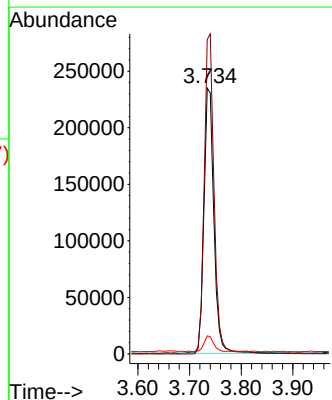
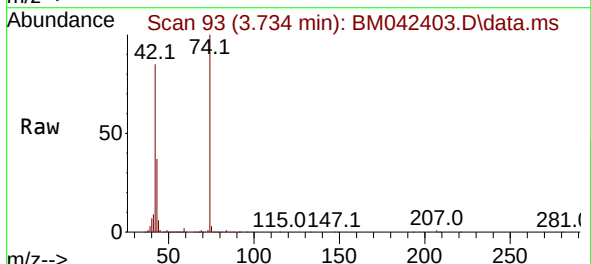
Instrument :  
BNA\_M  
ClientSampleId :

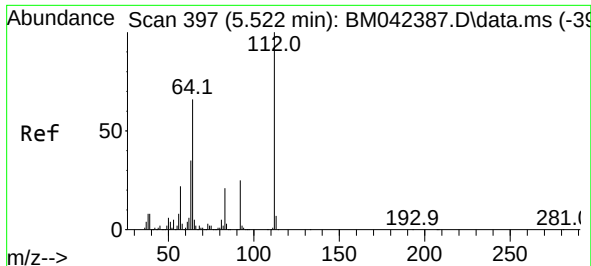
Tgt Ion: 79 Resp: 526257  
Ion Ratio Lower Upper  
79 100  
52 72.9 60.3 90.5  
51 37.3 32.0 48.0



#4  
n-Nitrosodimethylamine  
Concen: 46.305 ng  
RT: 3.734 min Scan# 93  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion: 42 Resp: 314008  
Ion Ratio Lower Upper  
42 100  
74 118.3 89.4 134.2  
44 6.8 5.4 8.0

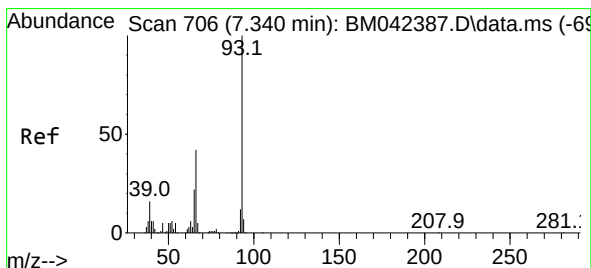
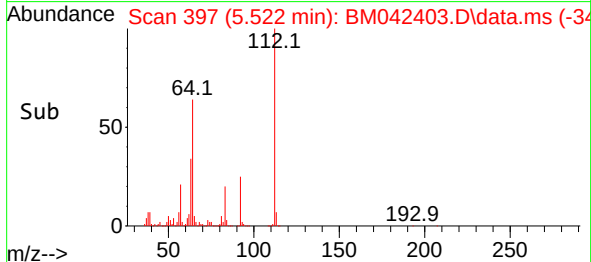
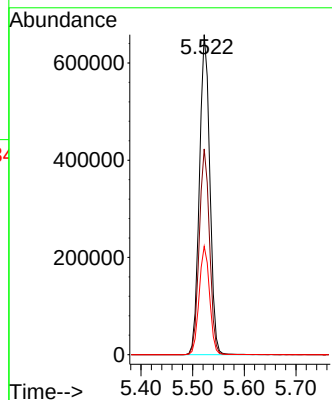
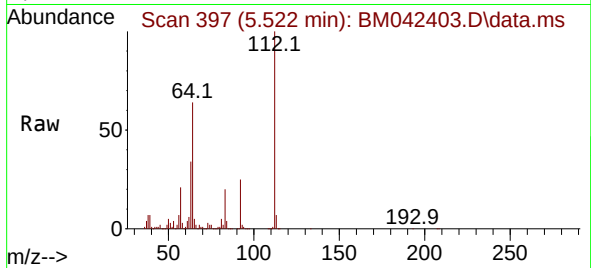




#5  
2-Fluorophenol  
Concen: 94.701 ng  
RT: 5.522 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

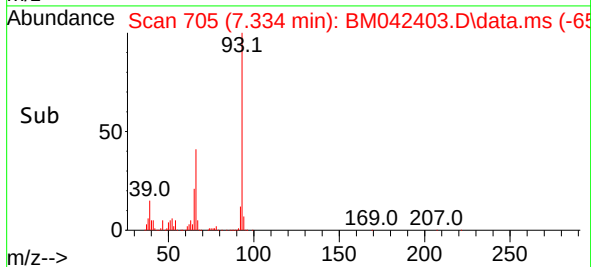
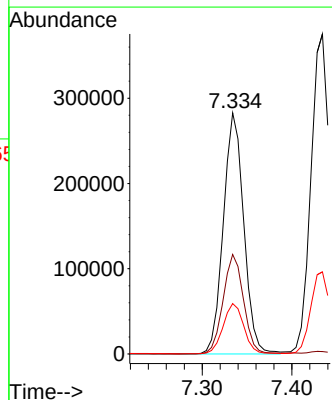
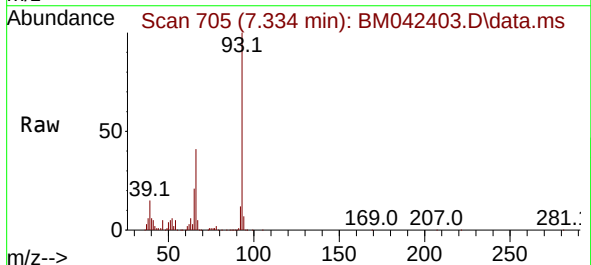
Instrument :  
BNA\_M  
ClientSampleId :

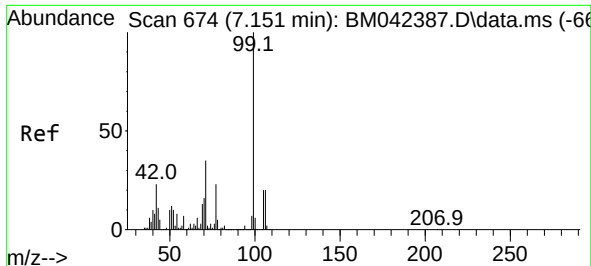
Tgt Ion:112 Resp: 920671  
Ion Ratio Lower Upper  
112 100  
64 64.3 52.7 79.1  
63 33.8 28.3 42.5



#6  
Aniline  
Concen: 26.925 ng  
RT: 7.334 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion: 93 Resp: 446633  
Ion Ratio Lower Upper  
93 100  
66 41.3 33.8 50.8  
65 20.9 17.4 26.2



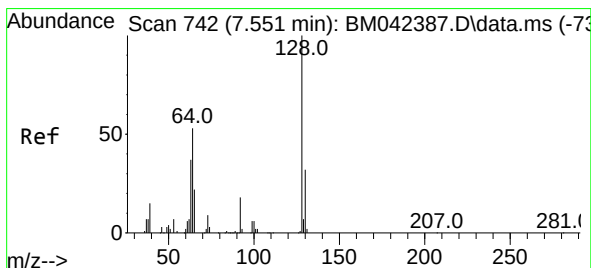
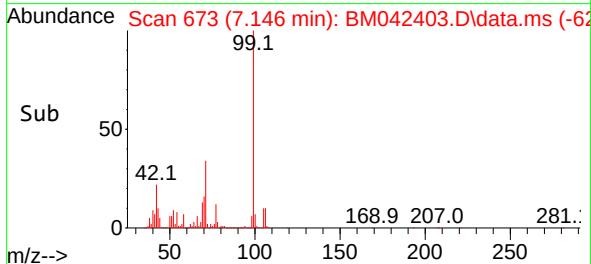
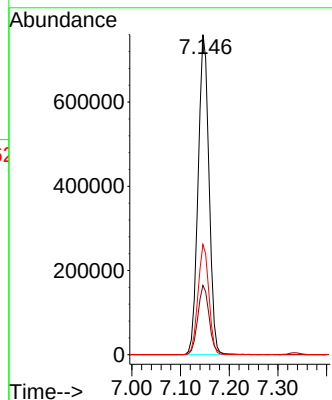
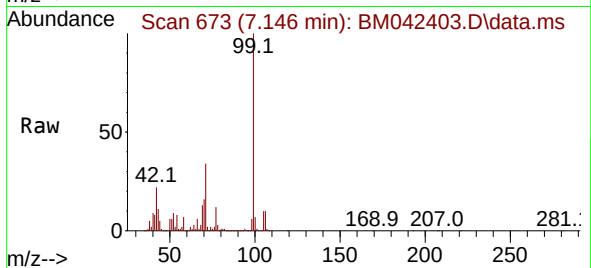


#7  
Phenol-d6  
Concen: 91.026 ng  
RT: 7.146 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion: 99 Resp: 1185928

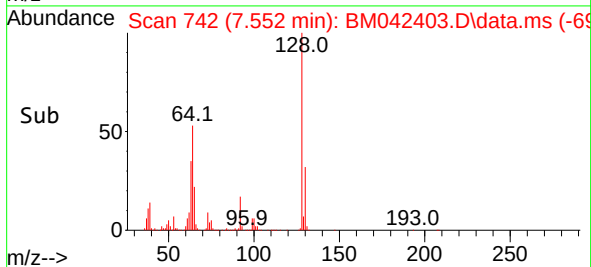
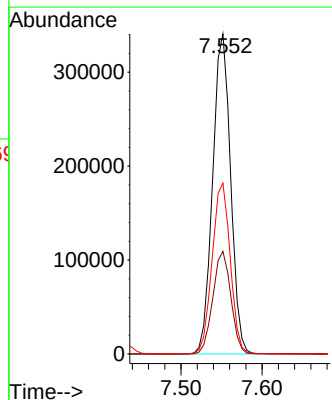
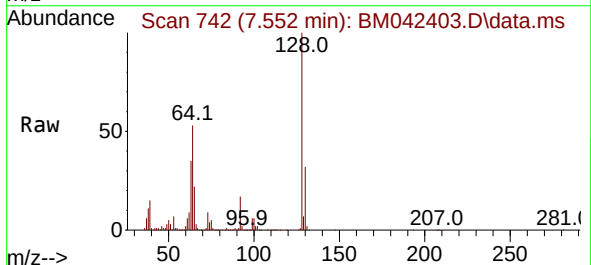
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.6  | 18.5  | 27.7  |
| 71  | 34.4  | 27.7  | 41.5  |

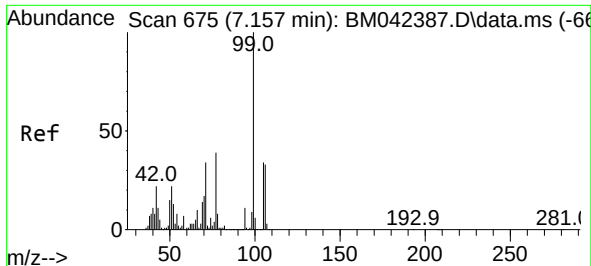


#8  
2-Chlorophenol  
Concen: 54.285 ng  
RT: 7.552 min Scan# 742  
Delta R.T. 0.001 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion: 128 Resp: 523671

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.1  | 12.1  | 52.1  |
| 64  | 53.4  | 38.2  | 78.2  |

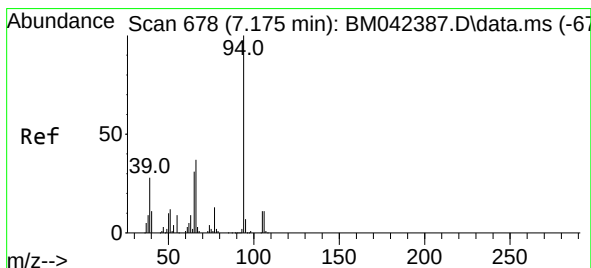
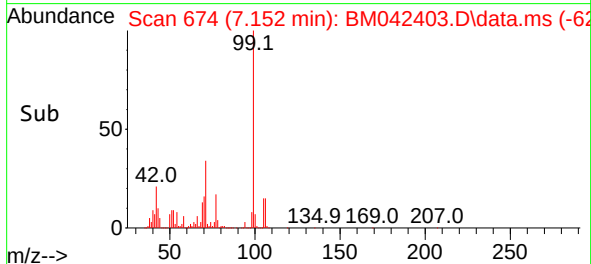
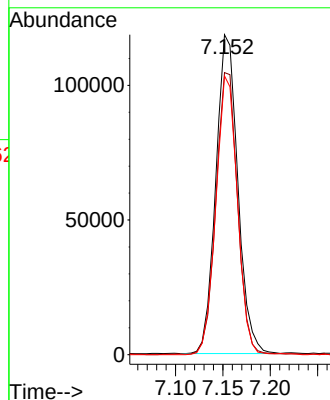
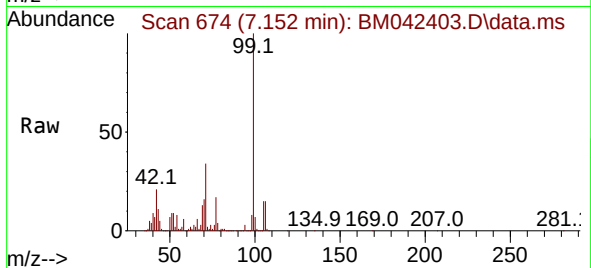




#9  
Benzaldehyde  
Concen: 25.269 ng  
RT: 7.152 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

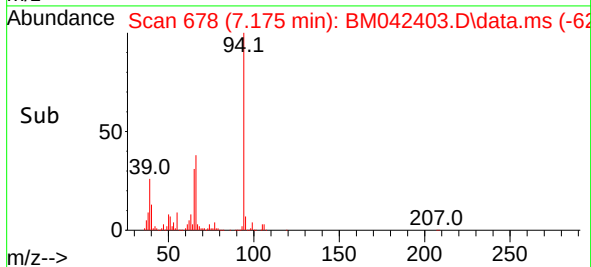
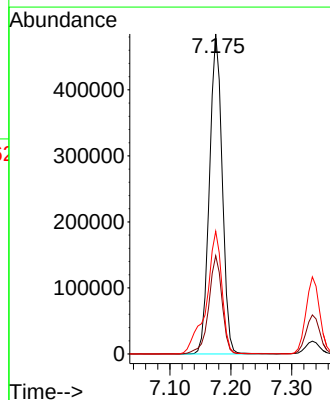
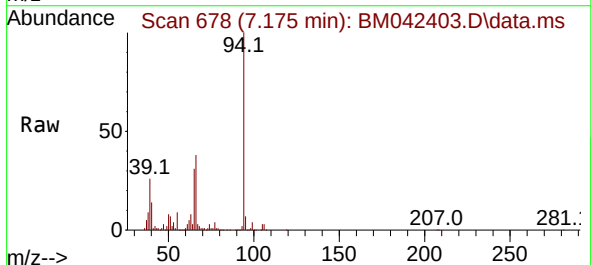
Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion: 77 Resp: 191749  
Ion Ratio Lower Upper  
77 100  
105 88.2 68.7 108.7  
106 87.1 65.8 105.8

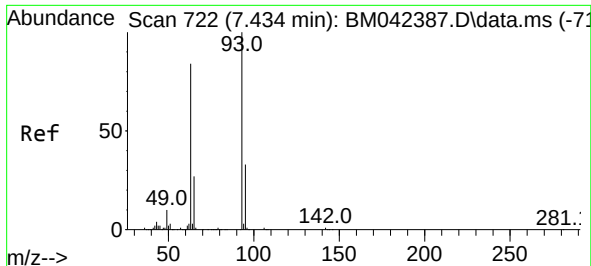


#10  
Phenol  
Concen: 52.331 ng  
RT: 7.175 min Scan# 678  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion: 94 Resp: 704492  
Ion Ratio Lower Upper  
94 100  
65 30.7 10.9 50.9  
66 38.4 18.2 58.2



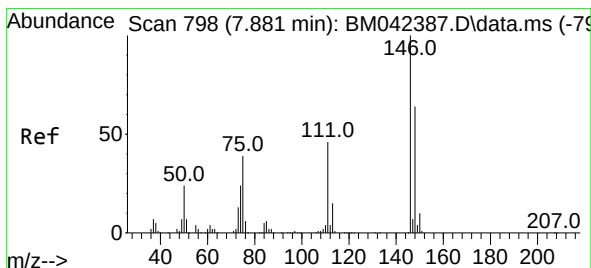
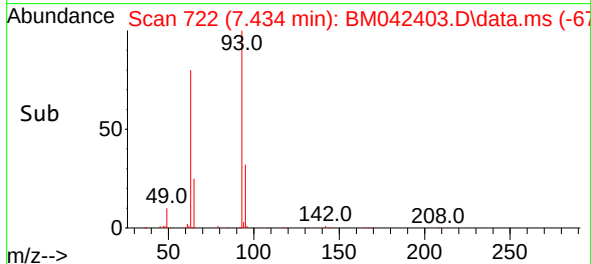
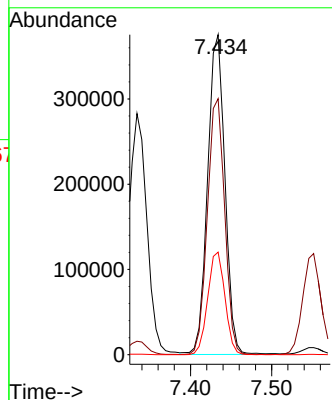
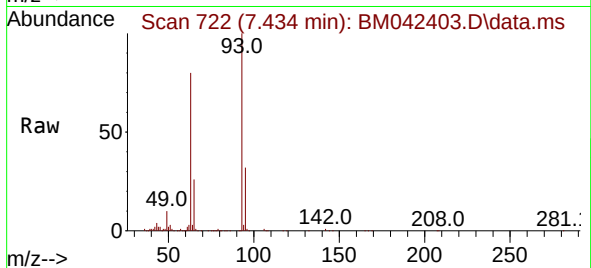




#11  
bis(2-Chloroethyl)ether  
Concen: 50.226 ng  
RT: 7.434 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

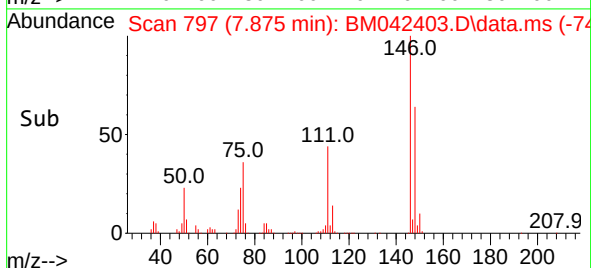
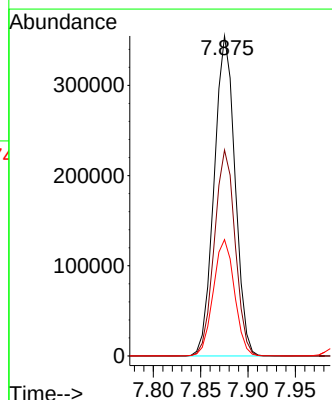
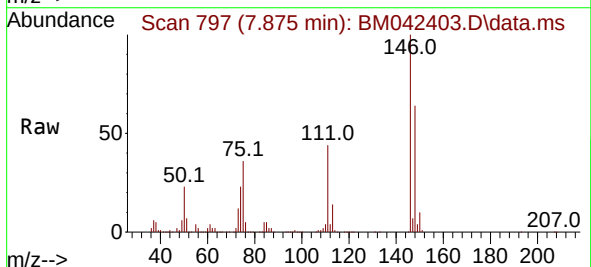
Instrument :  
BNA\_M  
ClientSampleId :

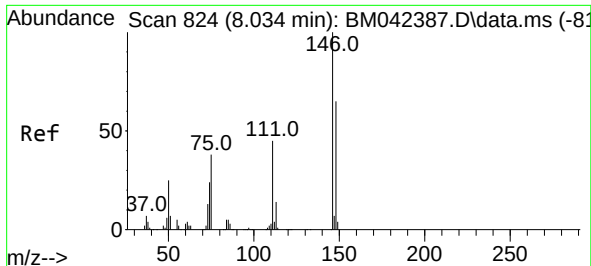
Tgt Ion: 93 Resp: 555137  
Ion Ratio Lower Upper  
93 100  
63 80.0 64.2 104.2  
95 32.0 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 54.528 ng  
RT: 7.875 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:146 Resp: 544072  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.4 77.2  
75 36.4 30.9 46.3

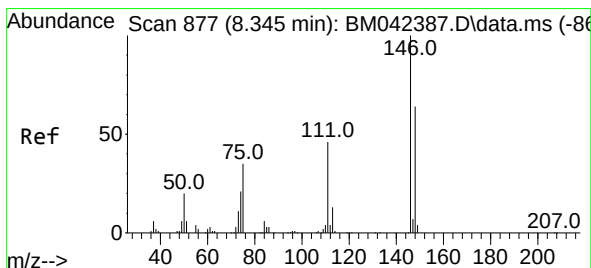
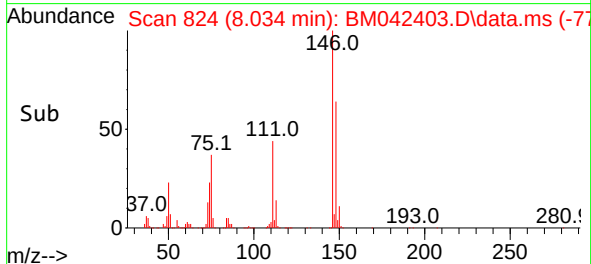
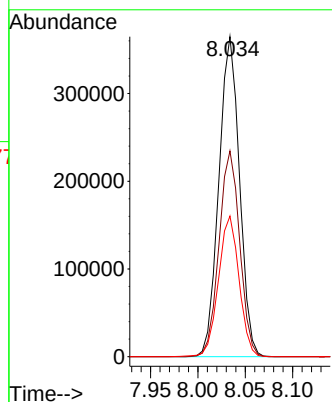
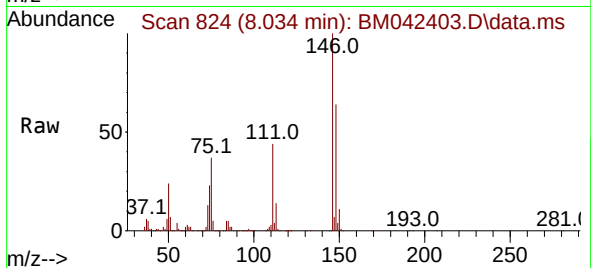




#13  
1,4-Dichlorobenzene  
Concen: 55.034 ng  
RT: 8.034 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

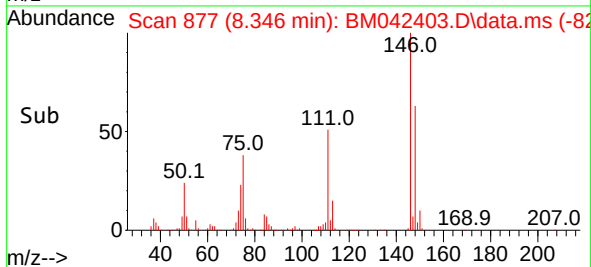
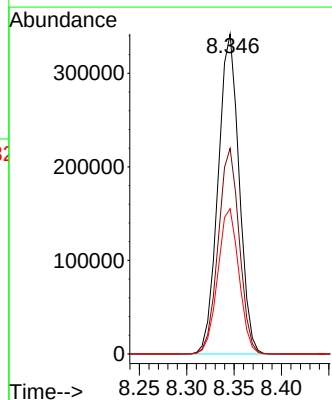
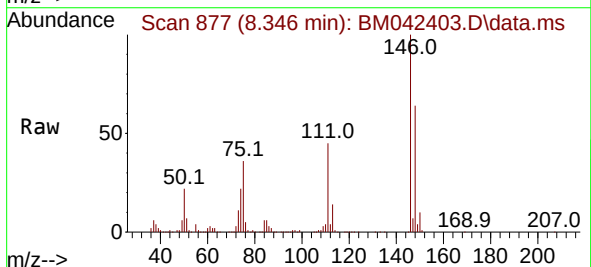
Instrument :  
BNA\_M  
ClientSampleId :

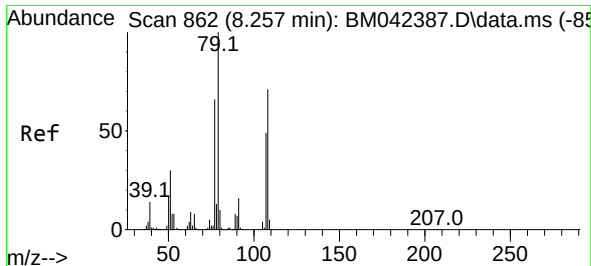
Tgt Ion:146 Resp: 552754  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.8 77.6  
111 43.9 35.9 53.9



#14  
1,2-Dichlorobenzene  
Concen: 54.637 ng  
RT: 8.346 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:146 Resp: 526937  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.0 76.4  
111 45.4 37.2 55.8

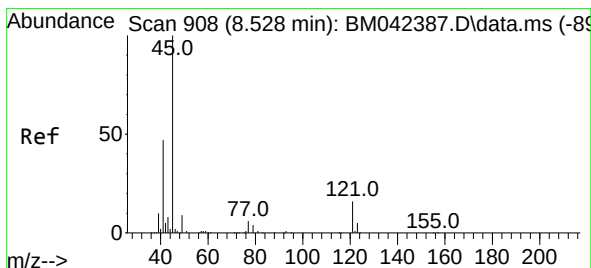
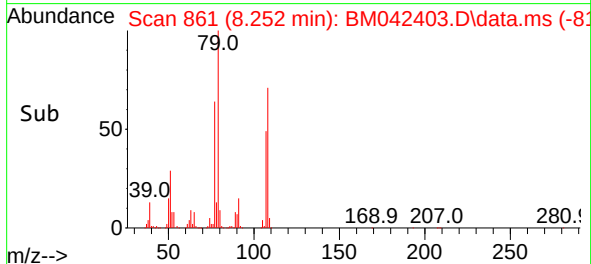
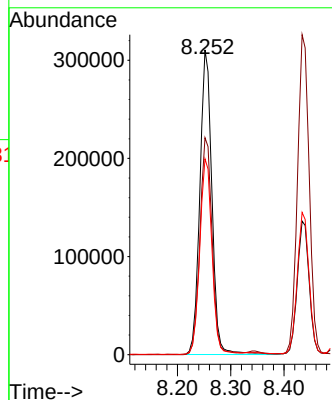
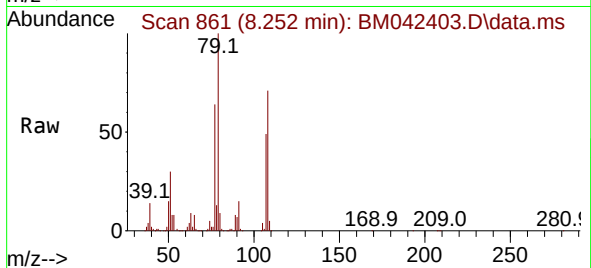




#15  
Benzyl Alcohol  
Concen: 50.642 ng  
RT: 8.252 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

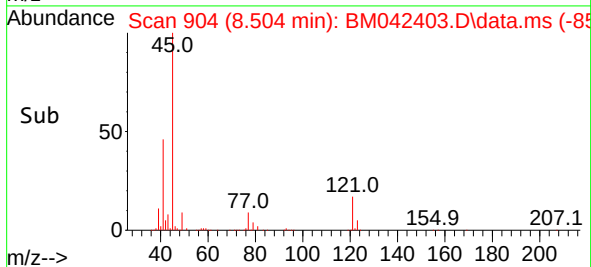
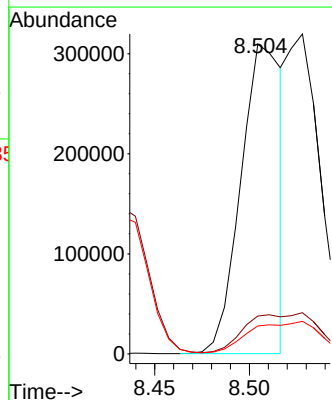
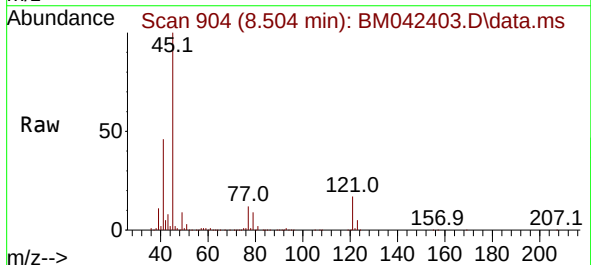
Instrument :  
BNA\_M  
ClientSampleId :

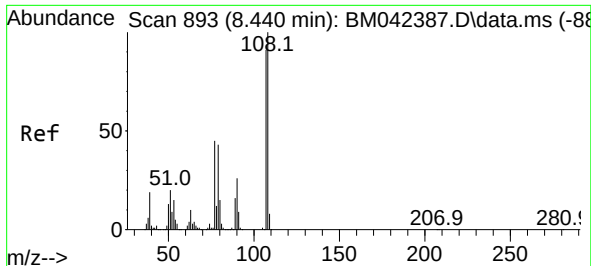
Tgt Ion: 79 Resp: 489095  
Ion Ratio Lower Upper  
79 100  
108 71.2 57.1 85.7  
77 64.3 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 26.465 ng  
RT: 8.504 min Scan# 904  
Delta R.T. -0.023 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

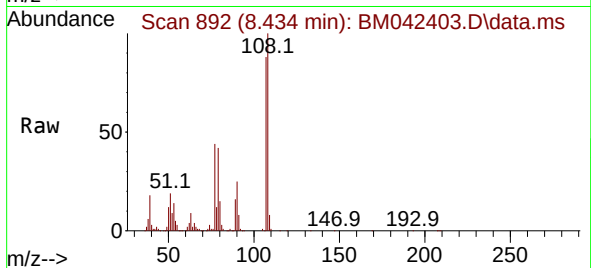
Tgt Ion: 45 Resp: 462841  
Ion Ratio Lower Upper  
45 100  
77 12.2 0.0 32.2  
79 9.1 0.0 30.4



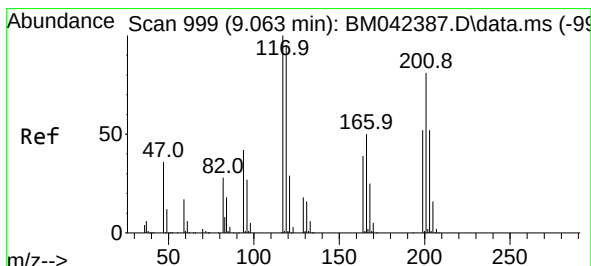
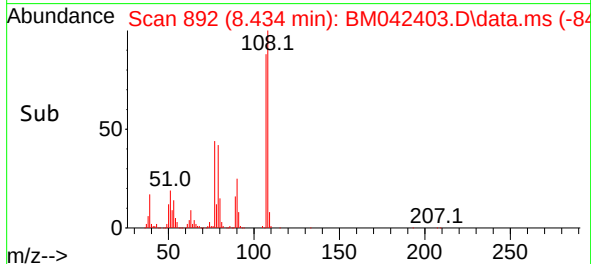
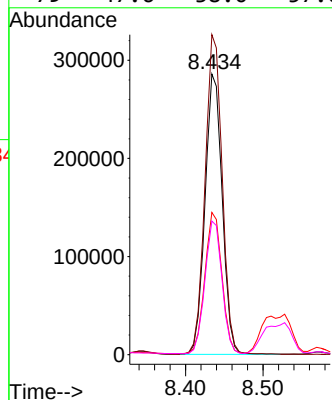


#17  
2-Methylphenol  
Concen: 49.396 ng  
RT: 8.434 min Scan# 892  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Instrument :  
BNA\_M  
ClientSampleId :

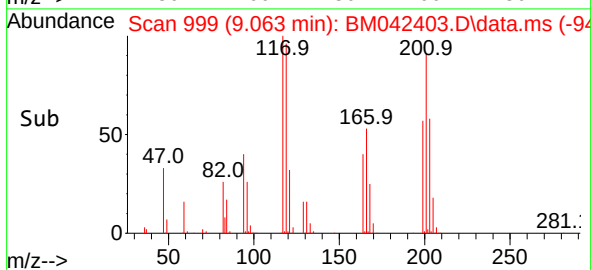
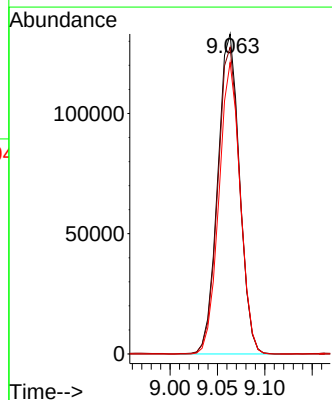
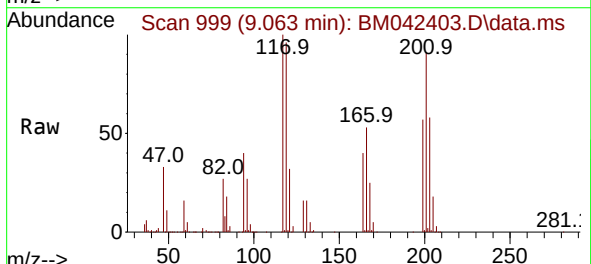


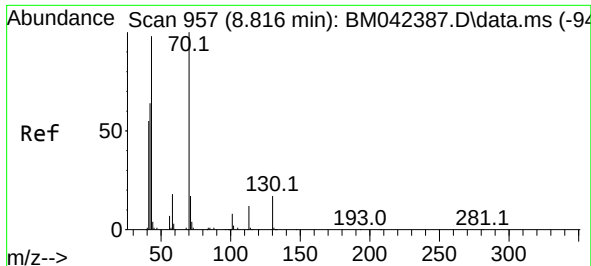
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 438816 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.0 | 88.2  | 132.4  |
| 77       | 50.7  | 40.1  | 60.1   |
| 79       | 47.6  | 38.0  | 57.0   |



#18  
Hexachloroethane  
Concen: 55.137 ng  
RT: 9.063 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 213193 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.9  | 75.9  | 113.9  |
| 201      | 91.1  | 64.6  | 97.0   |





#19

n-Nitroso-di-n-propylamine

Concen: 49.191 ng

RT: 8.816 min Scan# 957

Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

Tgt Ion: 70 Resp: 434375

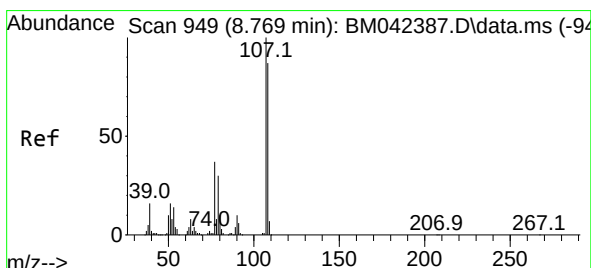
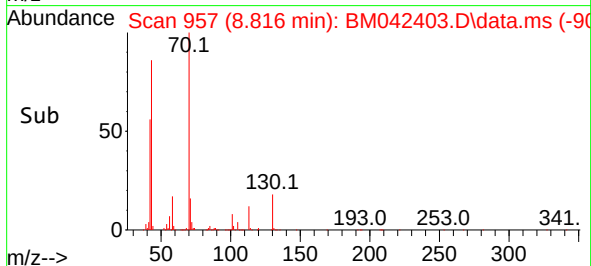
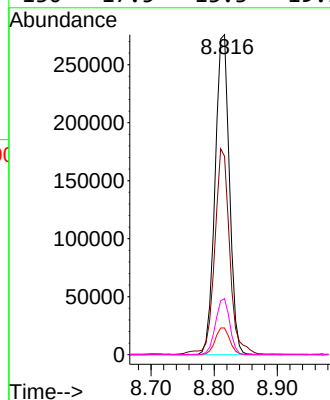
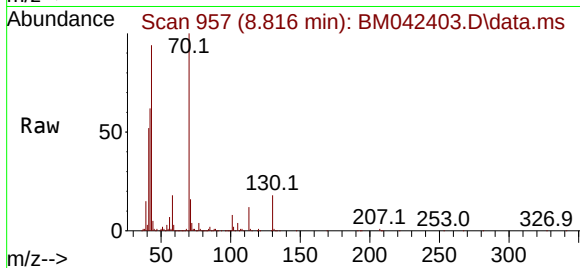
Ion Ratio Lower Upper

70 100

42 62.0 52.1 78.1

101 8.4 6.5 9.7

130 17.5 13.3 19.9



#20

3+4-Methylphenols

Concen: 49.429 ng

RT: 8.769 min Scan# 949

Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Tgt Ion: 107 Resp: 588970

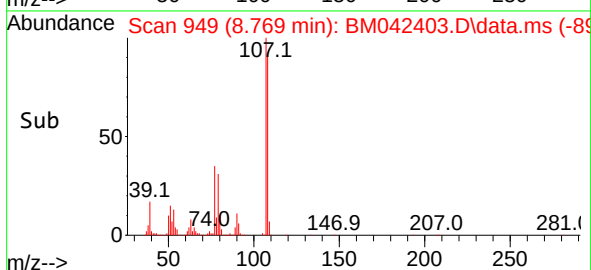
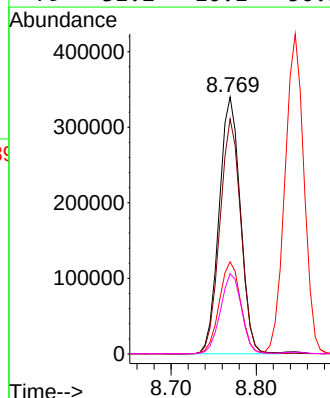
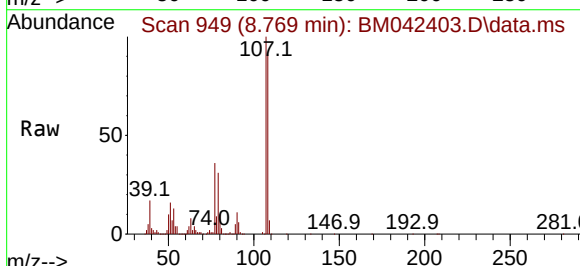
Ion Ratio Lower Upper

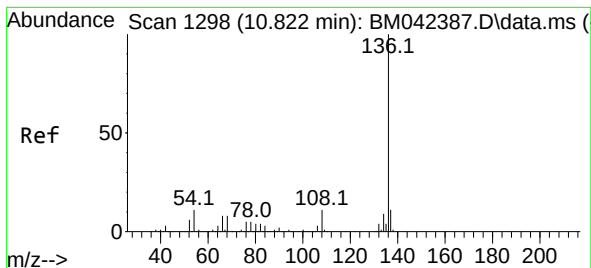
107 100

108 91.4 67.2 107.2

77 35.8 16.8 56.8

79 31.2 10.1 50.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.816 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

Tgt Ion:136 Resp: 540357

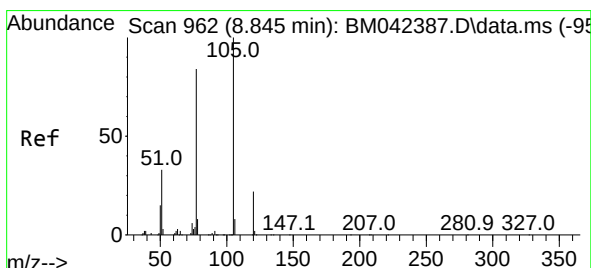
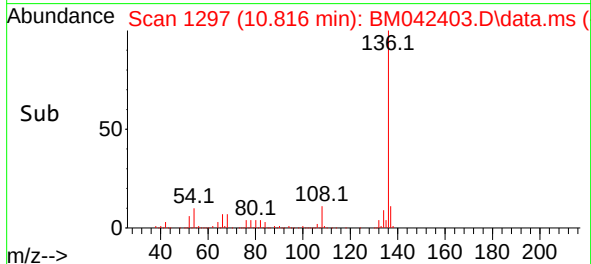
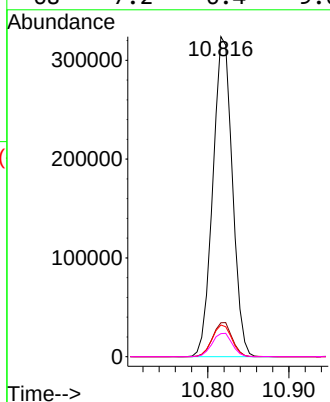
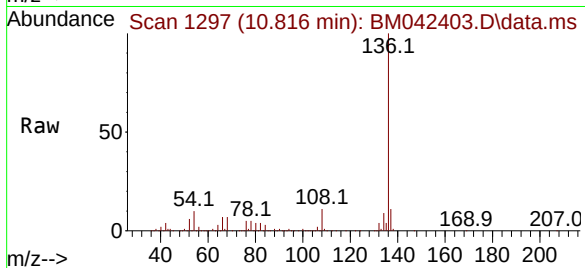
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.9 8.6 12.8

68 7.2 6.4 9.6



#22

Acetophenone

Concen: 52.993 ng

RT: 8.846 min Scan# 962

Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Tgt Ion:105 Resp: 781217

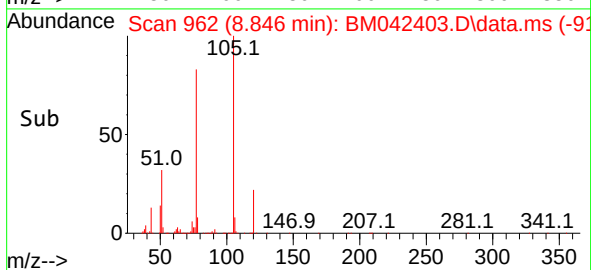
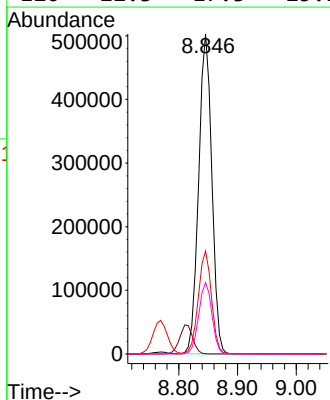
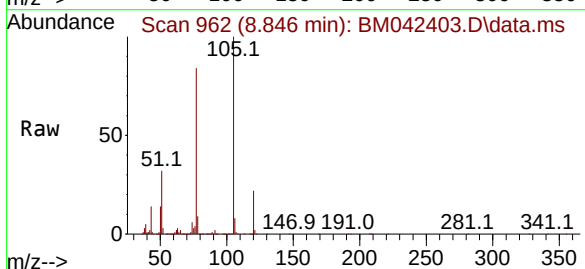
Ion Ratio Lower Upper

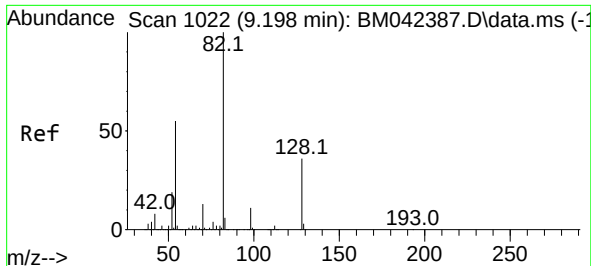
105 100

71 0.1 0.1 0.1#

51 32.2 27.1 40.7

120 22.3 17.3 25.9

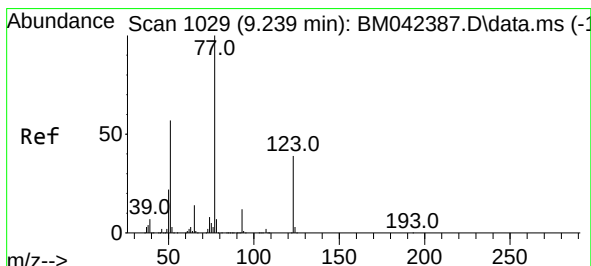
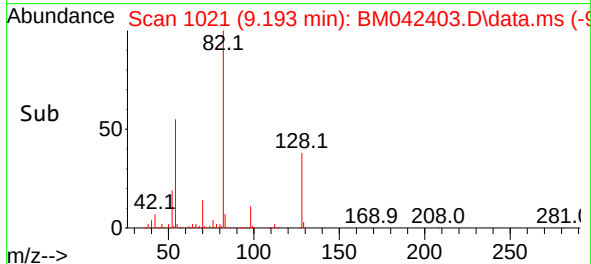
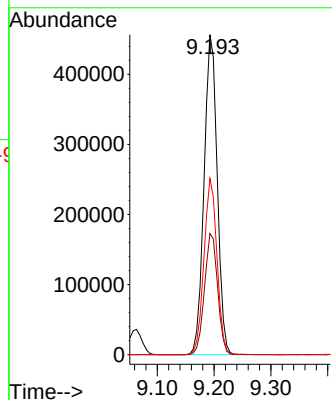
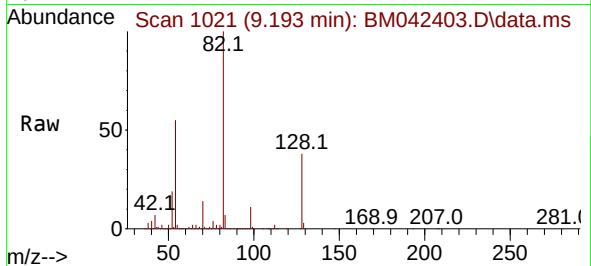




#23  
Nitrobenzene-d5  
Concen: 59.993 ng  
RT: 9.193 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

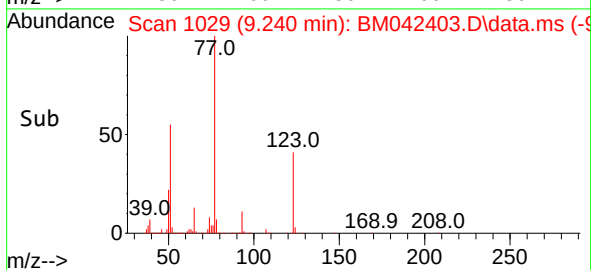
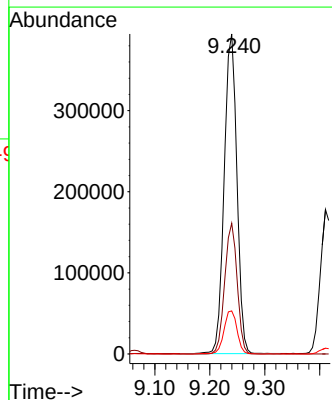
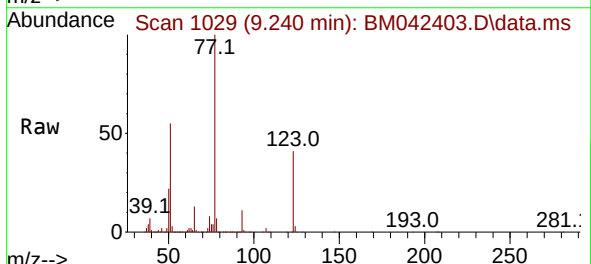
Instrument :  
BNA\_M  
ClientSampleId :

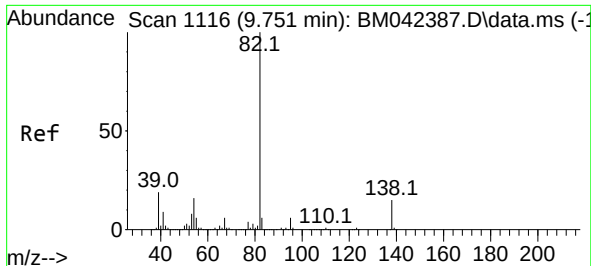
Tgt Ion: 82 Resp: 733108  
Ion Ratio Lower Upper  
82 100  
128 37.9 29.0 43.6  
54 55.1 43.7 65.5



#24  
Nitrobenzene  
Concen: 51.686 ng  
RT: 9.240 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion: 77 Resp: 631876  
Ion Ratio Lower Upper  
77 100  
123 40.8 31.2 46.8  
65 13.5 11.4 17.0





#25

Isophorone

Concen: 53.131 ng

RT: 9.746 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

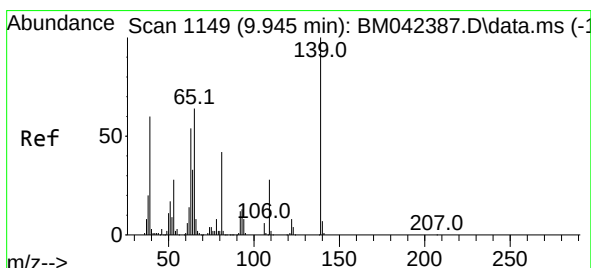
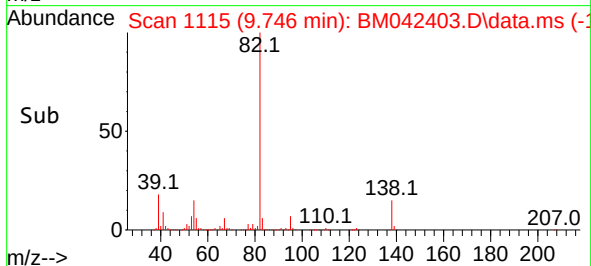
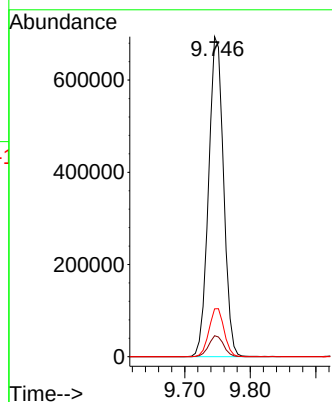
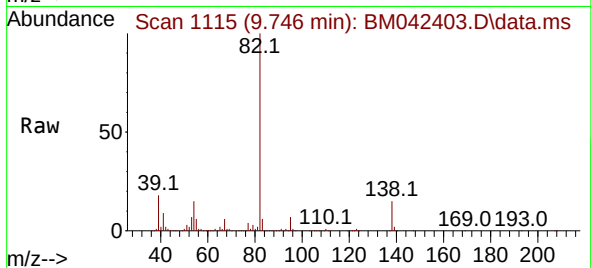
Tgt Ion: 82 Resp: 1103353

Ion Ratio Lower Upper

82 100

95 6.6 5.1 7.7

138 14.9 11.8 17.6



#26

2-Nitrophenol

Concen: 54.298 ng

RT: 9.940 min Scan# 1148

Delta R.T. -0.005 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

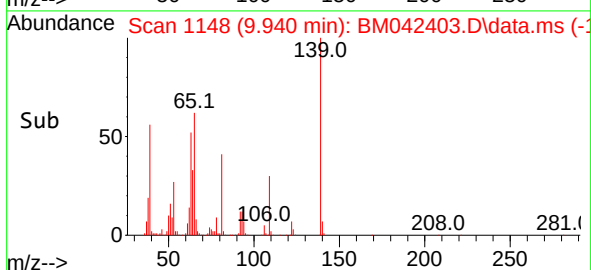
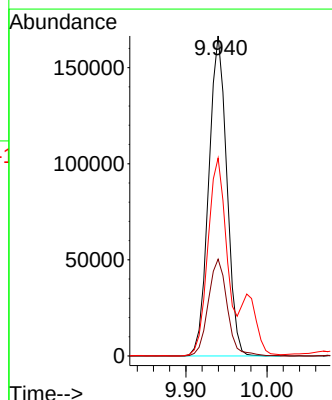
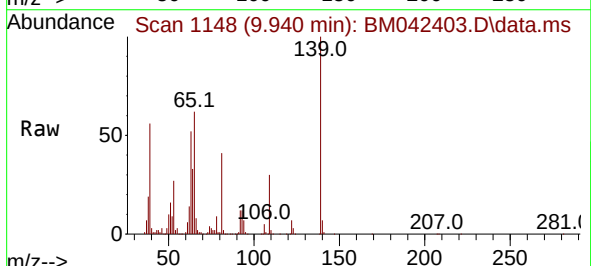
Tgt Ion: 139 Resp: 257256

Ion Ratio Lower Upper

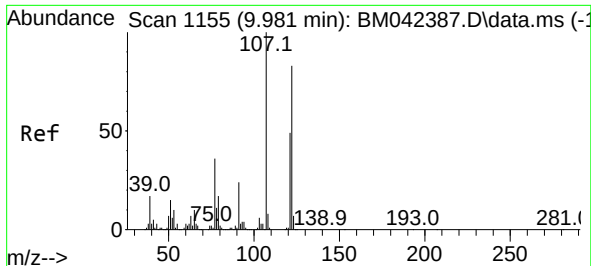
139 100

109 30.2 22.3 33.5

65 61.9 51.1 76.7



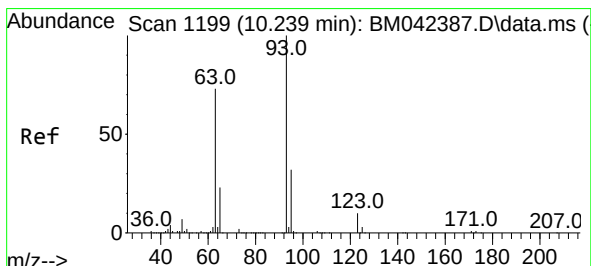
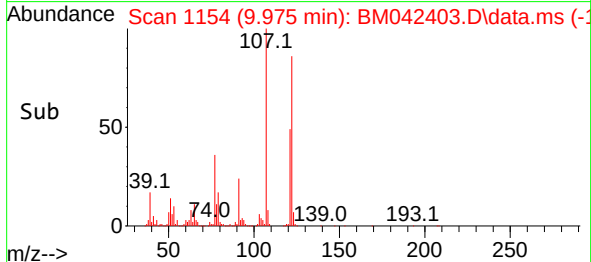
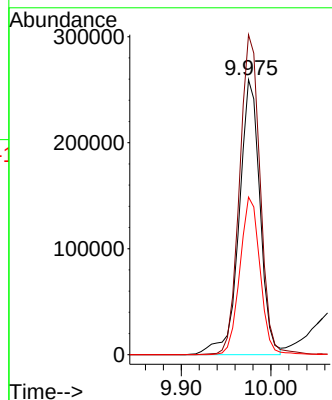
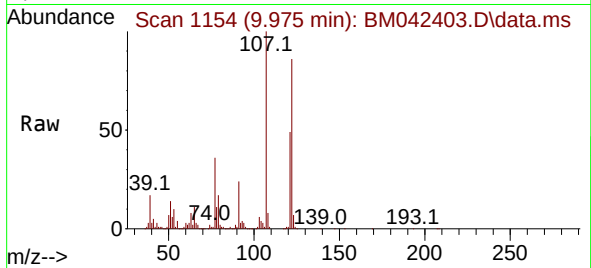




#27  
2,4-Dimethylphenol  
Concen: 49.734 ng  
RT: 9.975 min Scan# 1154  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

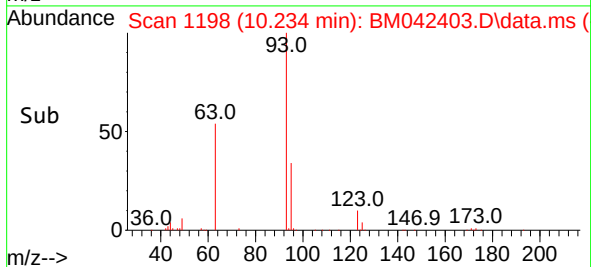
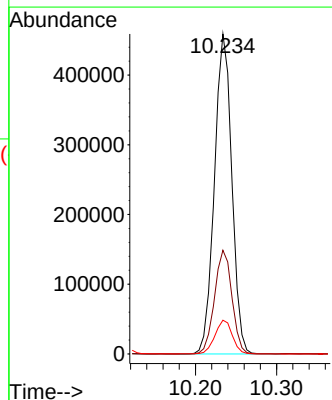
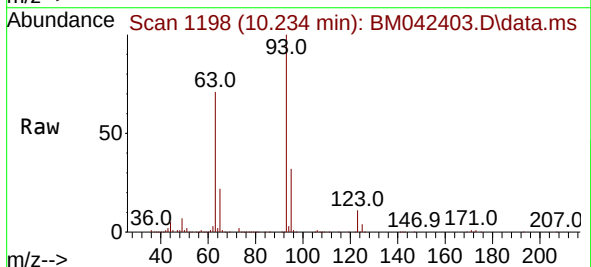
Instrument :  
BNA\_M  
ClientSampleId :

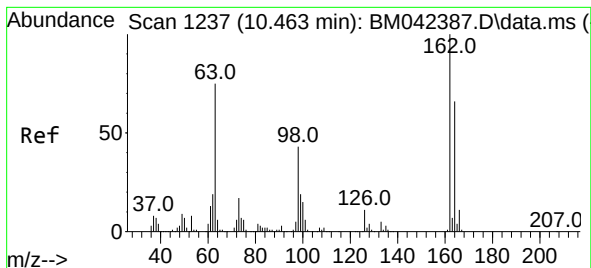
Tgt Ion:122 Resp: 418940  
Ion Ratio Lower Upper  
122 100  
107 116.4 96.3 144.5  
121 57.3 47.0 70.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 51.907 ng  
RT: 10.234 min Scan# 1198  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion: 93 Resp: 682951  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.8 38.6  
123 10.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 59.601 ng

RT: 10.457 min Scan# 11

Delta R.T. -0.006 min

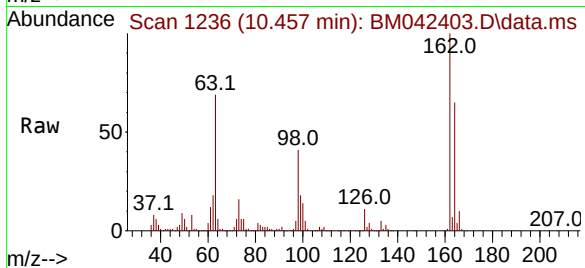
Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :



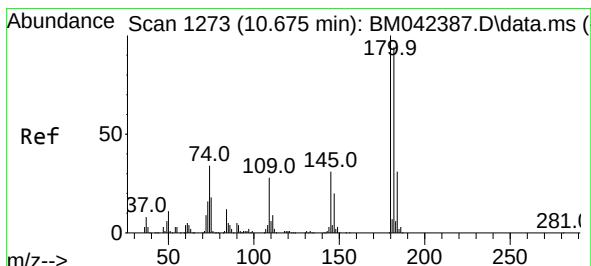
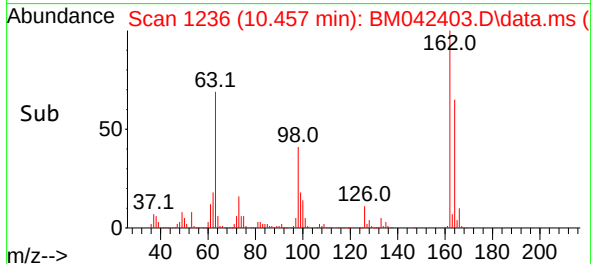
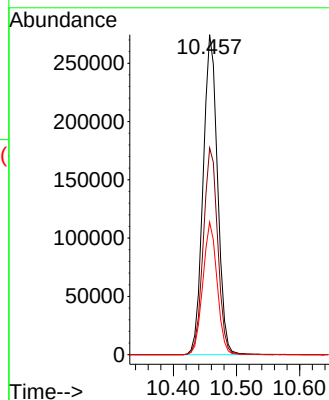
Tgt Ion:162 Resp: 436601

Ion Ratio Lower Upper

162 100

164 64.6 45.9 85.9

98 41.4 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 57.662 ng

RT: 10.669 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

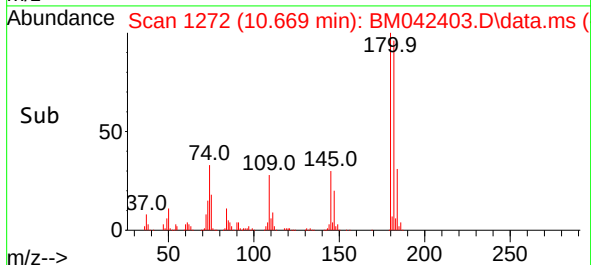
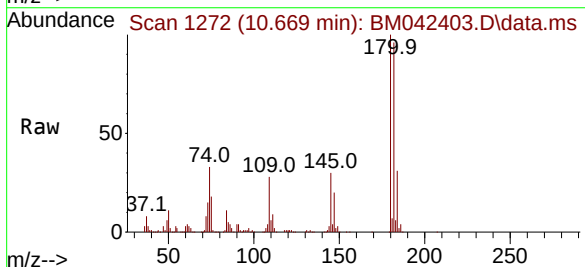
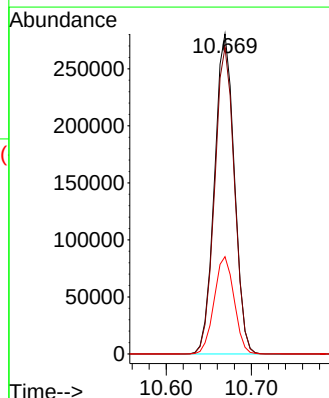
Tgt Ion:180 Resp: 452823

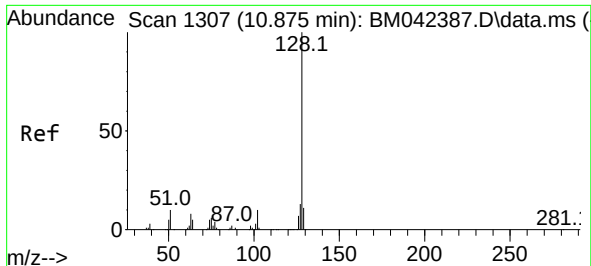
Ion Ratio Lower Upper

180 100

182 95.8 75.0 112.4

145 30.4 24.6 36.8

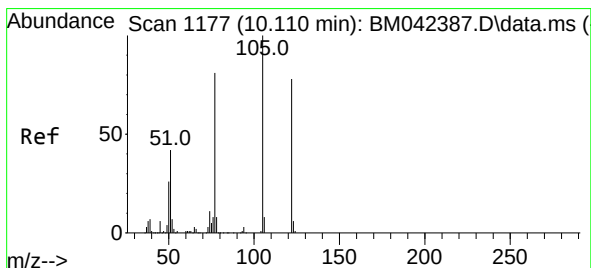
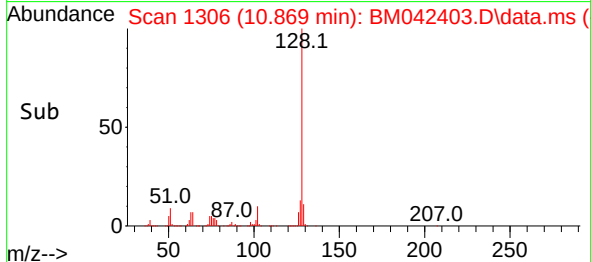
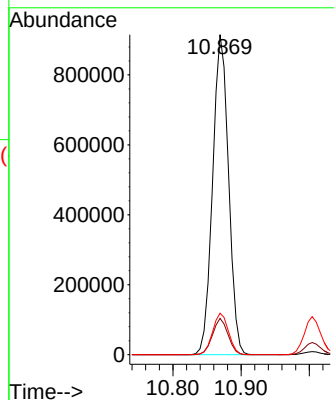
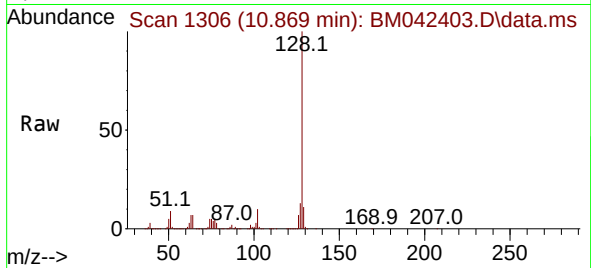




#31  
Naphthalene  
Concen: 53.513 ng  
RT: 10.869 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

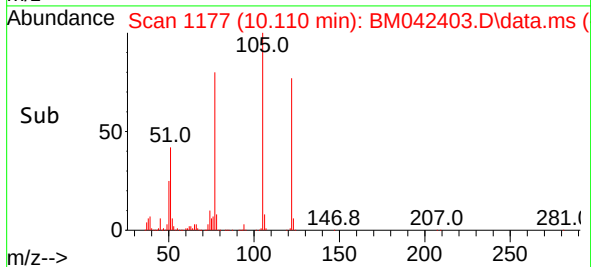
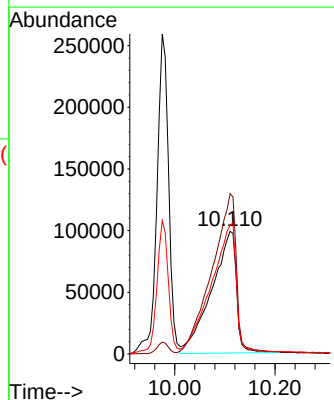
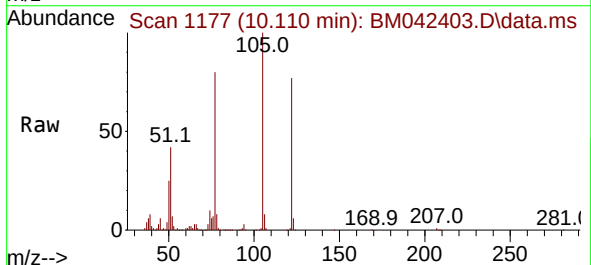
Instrument :  
BNA\_M  
ClientSampleId :

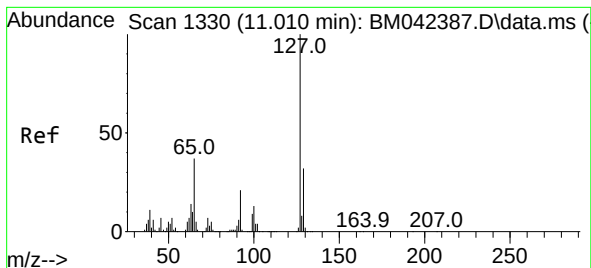
Tgt Ion:128 Resp: 1485249  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.6 13.0  
127 13.0 10.4 15.6



#32  
Benzoic acid  
Concen: 54.372 ng  
RT: 10.110 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:122 Resp: 339886  
Ion Ratio Lower Upper  
122 100  
105 130.7 104.9 144.9  
77 104.9 83.4 123.4

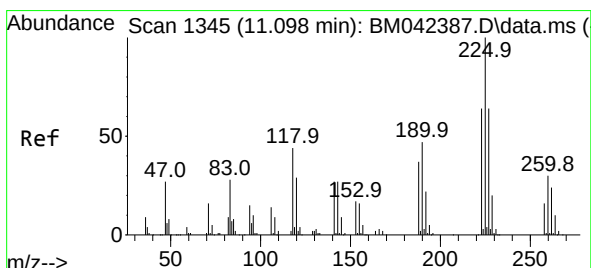
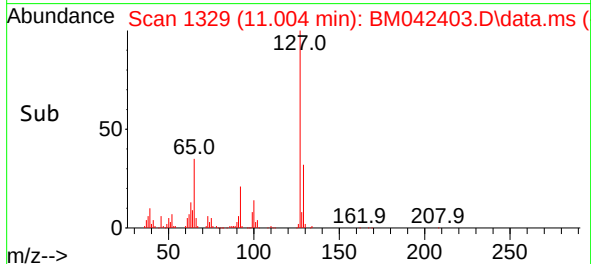
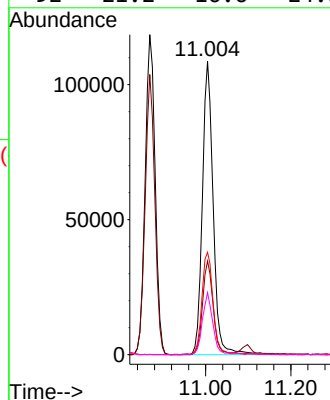
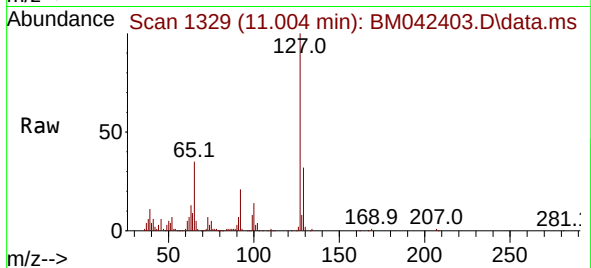




#33  
4-Chloroaniline  
Concen: 15.954 ng  
RT: 11.004 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

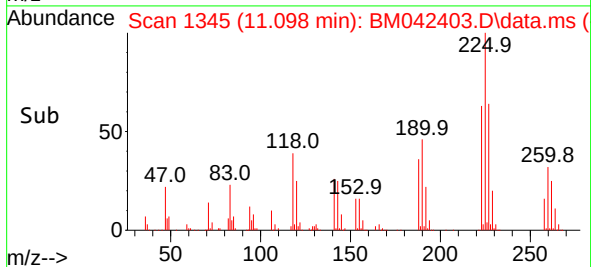
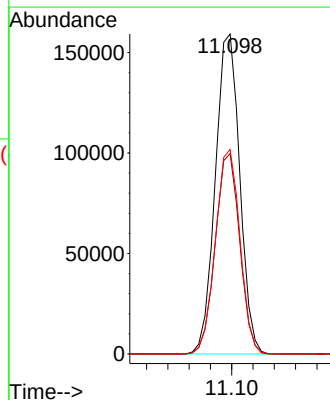
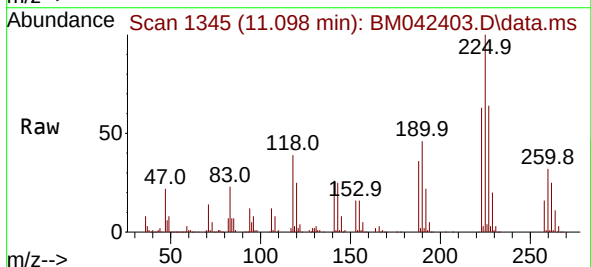
Instrument :  
BNA\_M  
ClientSampleId :

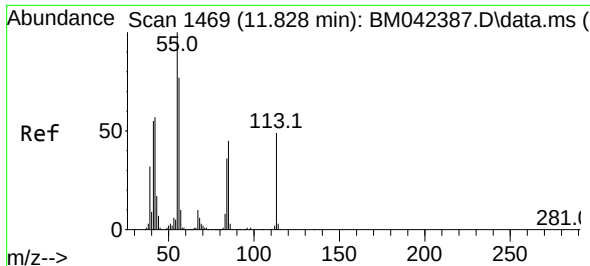
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 192255 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.3  | 37.9   |
| 65       | 34.9  | 29.6  | 44.4   |
| 92       | 21.2  | 16.6  | 24.8   |



#34  
Hexachlorobutadiene  
Concen: 59.539 ng  
RT: 11.098 min Scan# 1345  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 253013 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 51.5  | 77.3   |
| 227      | 63.9  | 51.3  | 76.9   |

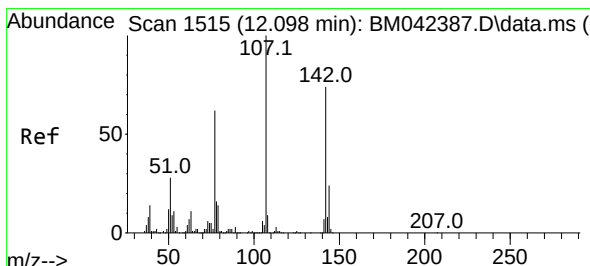
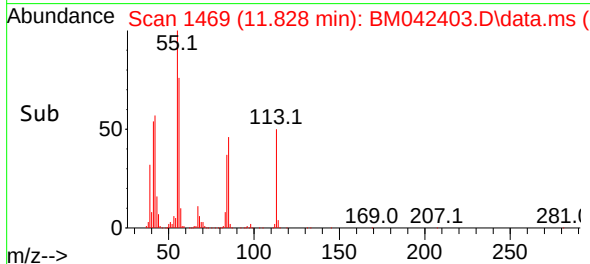
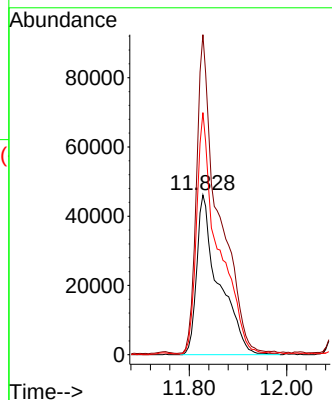
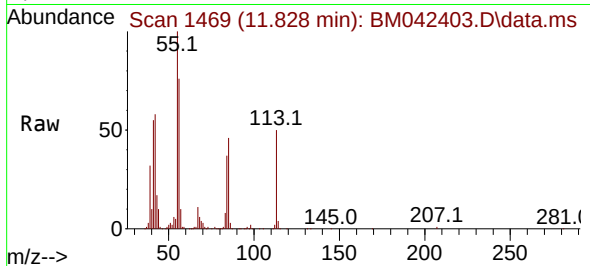




#35  
 Caprolactam  
 Concen: 49.561 ng  
 RT: 11.828 min Scan# 1469  
 Delta R.T. -0.000 min  
 Lab File: BM042403.D  
 Acq: 23 Oct 2023 15:43

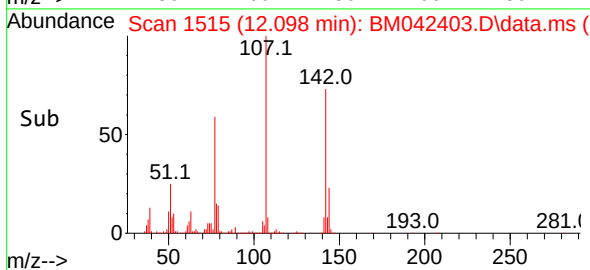
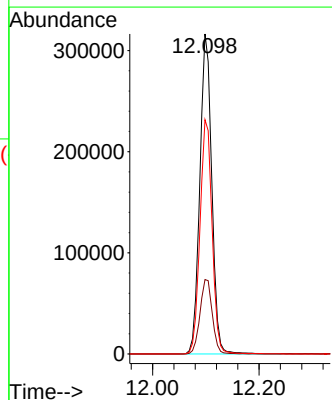
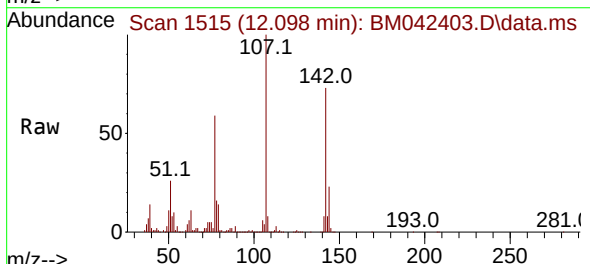
Instrument :  
 BNA\_M  
 ClientSampleId :

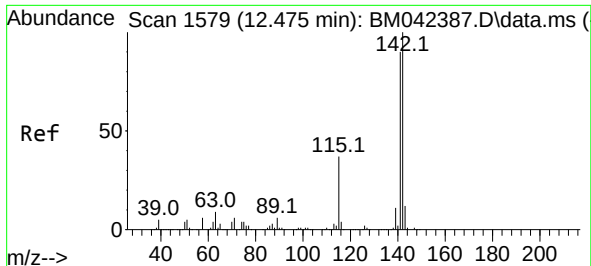
Tgt Ion:113 Resp: 144753  
 Ion Ratio Lower Upper  
 113 100  
 55 200.5 185.6 225.6  
 56 151.6 137.8 177.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 55.570 ng  
 RT: 12.098 min Scan# 1515  
 Delta R.T. 0.000 min  
 Lab File: BM042403.D  
 Acq: 23 Oct 2023 15:43

Tgt Ion:107 Resp: 491238  
 Ion Ratio Lower Upper  
 107 100  
 144 23.3 18.9 28.3  
 142 73.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 50.773 ng

RT: 12.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

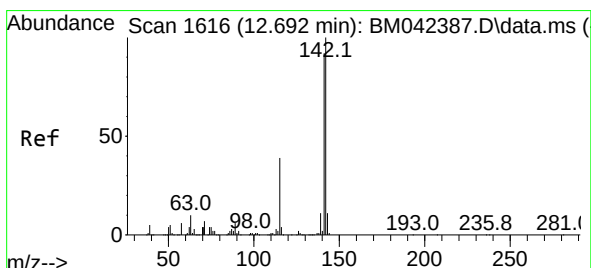
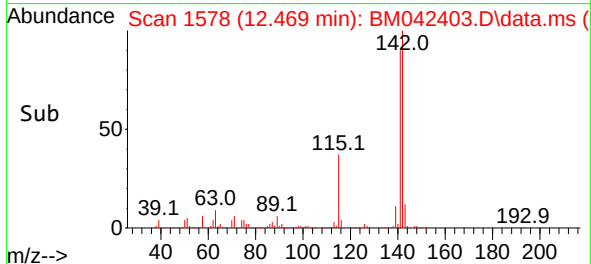
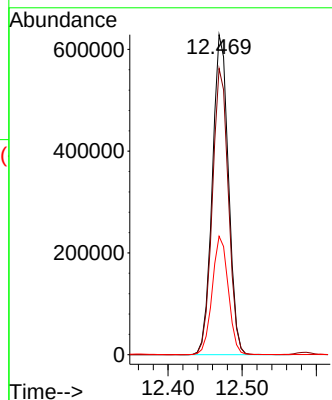
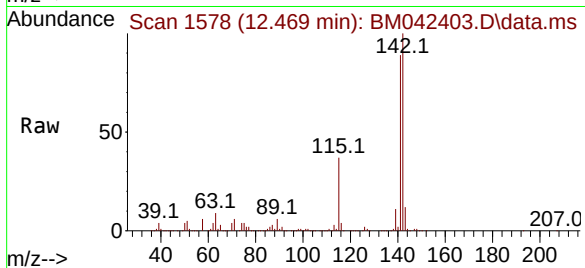
Tgt Ion:142 Resp: 948627

Ion Ratio Lower Upper

142 100

141 89.4 72.0 108.0

115 37.0 29.4 44.2



#38

1-Methylnaphthalene

Concen: 52.827 ng

RT: 12.692 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

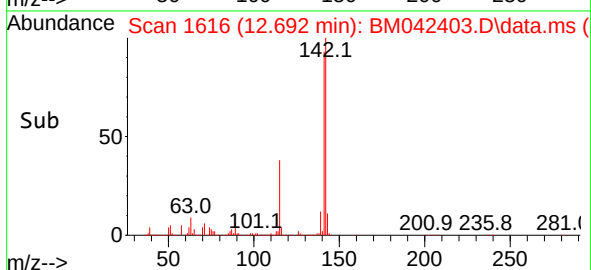
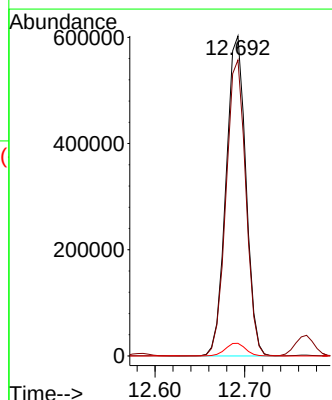
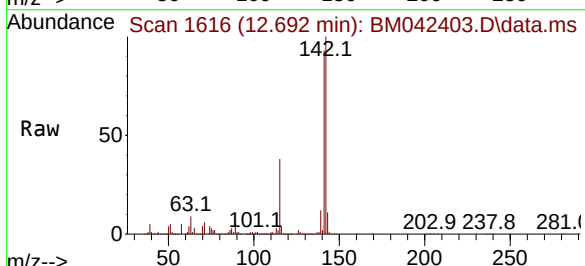
Tgt Ion:142 Resp: 924647

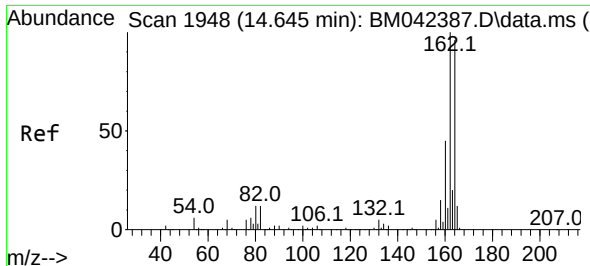
Ion Ratio Lower Upper

142 100

141 92.5 73.8 110.6

116 3.9 3.3 4.9

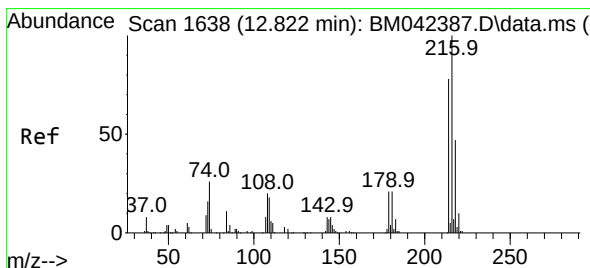
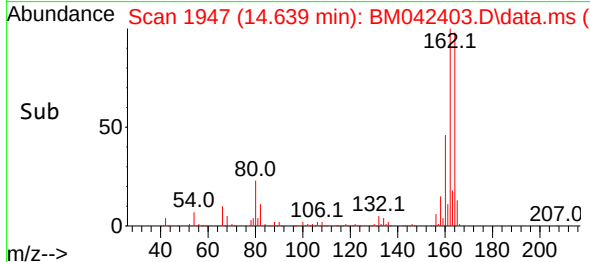
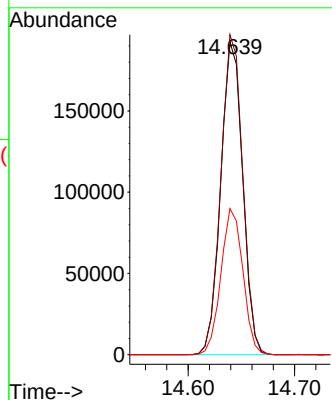
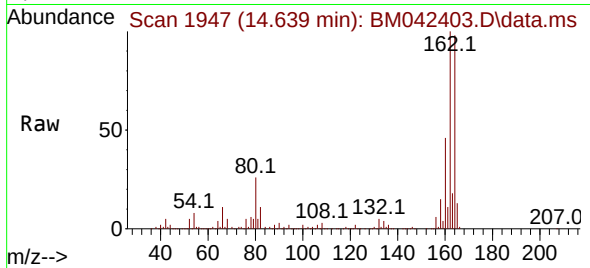




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.639 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

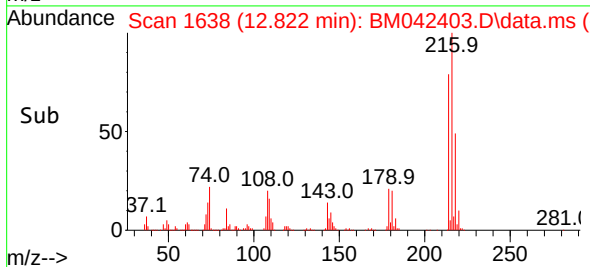
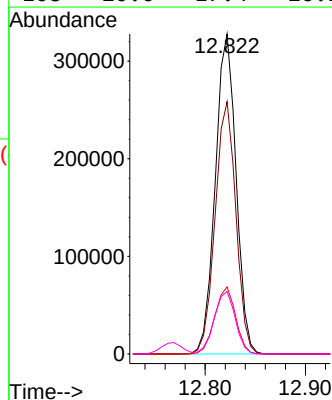
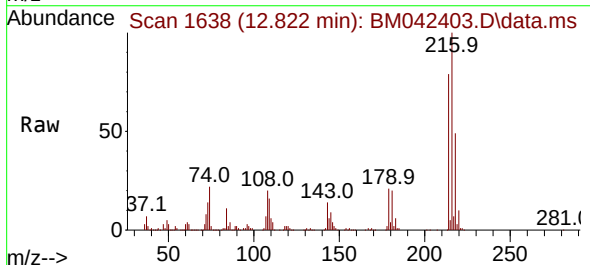
Instrument :  
BNA\_M  
ClientSampleId :

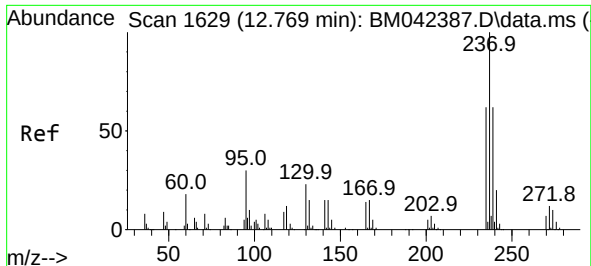
Tgt Ion:164 Resp: 274773  
Ion Ratio Lower Upper  
164 100  
162 102.4 83.0 124.4  
160 46.7 37.0 55.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 59.311 ng  
RT: 12.822 min Scan# 1638  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

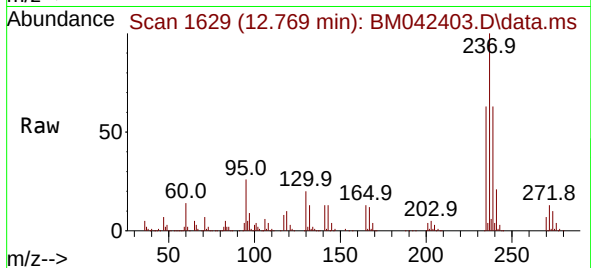
Tgt Ion:216 Resp: 471139  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.0 94.4  
179 20.9 17.2 25.8  
108 20.0 17.4 26.2



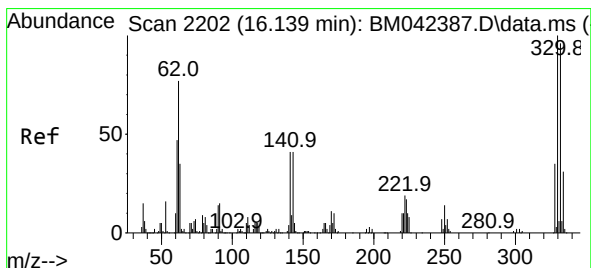
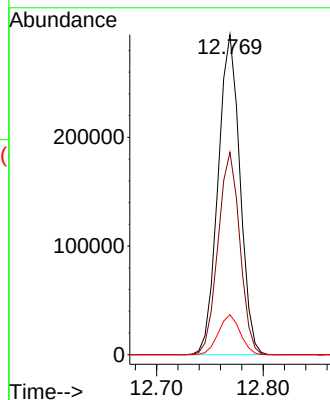
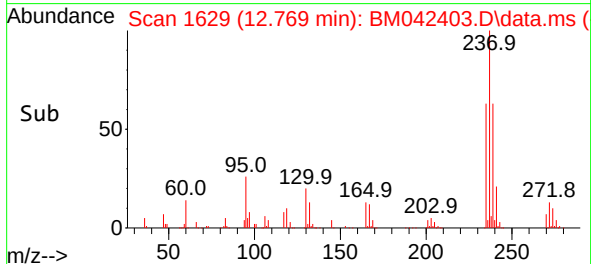


#41  
Hexachlorocyclopentadiene  
Concen: 96.501 ng  
RT: 12.769 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

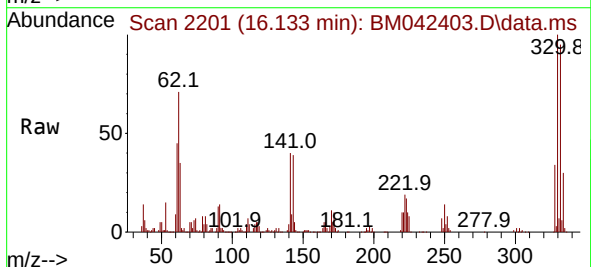
Instrument :  
BNA\_M  
ClientSampleId :



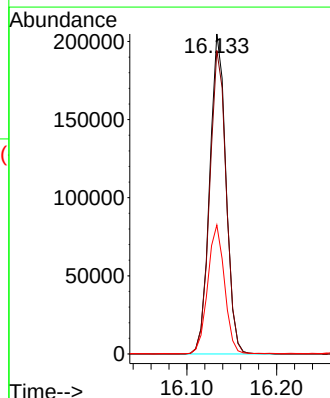
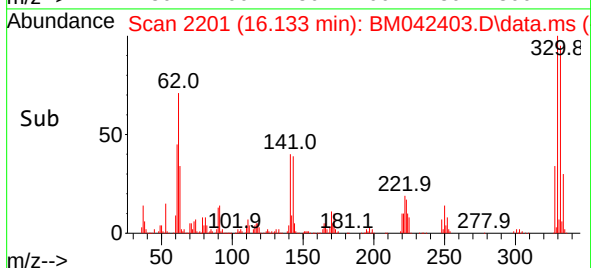
Tgt Ion:237 Resp: 419946  
Ion Ratio Lower Upper  
237 100  
235 63.2 41.5 81.5  
272 12.5 0.0 32.2



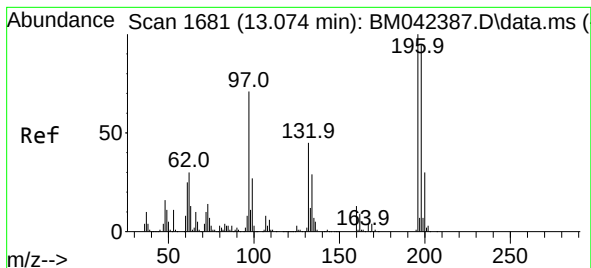
#42  
2,4,6-Tribromophenol  
Concen: 88.089 ng  
RT: 16.133 min Scan# 2201  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43



Tgt Ion:330 Resp: 257573  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.6 116.4  
141 41.5 38.0 57.0







#43

2,4,6-Trichlorophenol

Concen: 61.119 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

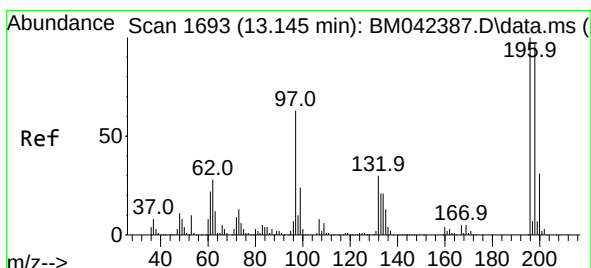
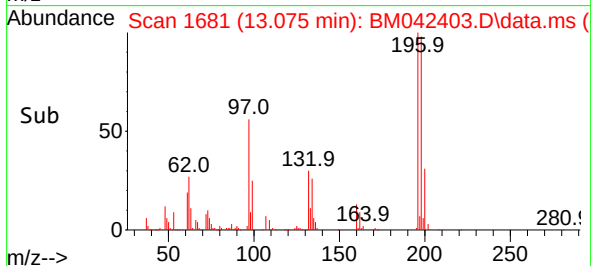
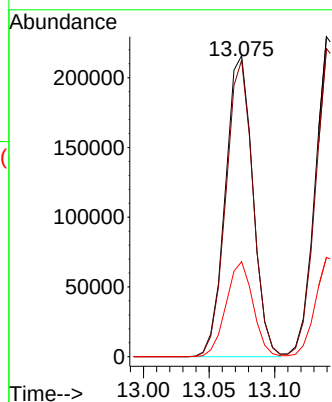
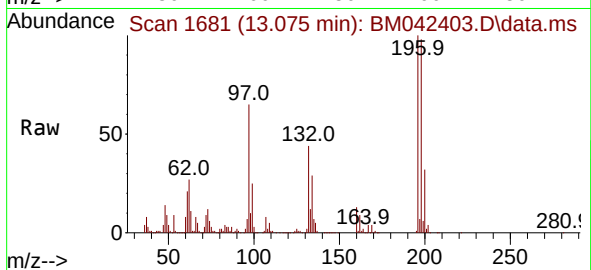
Tgt Ion:196 Resp: 314290

Ion Ratio Lower Upper

196 100

198 98.5 76.3 114.5

200 31.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 56.626 ng

RT: 13.139 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Tgt Ion:196 Resp: 344216

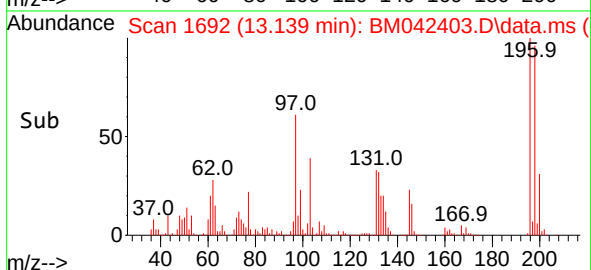
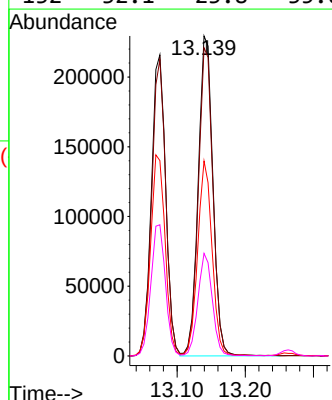
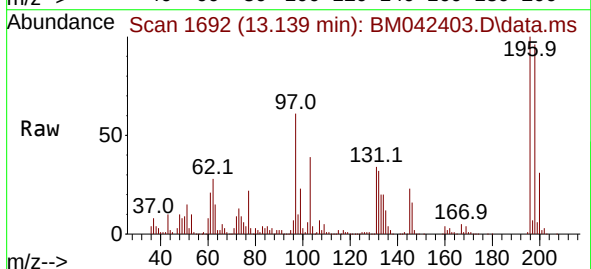
Ion Ratio Lower Upper

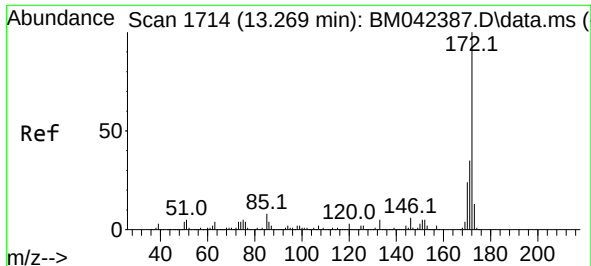
196 100

198 96.3 77.9 116.9

97 60.9 50.9 76.3

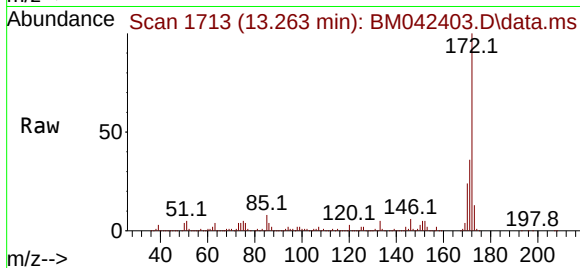
132 32.1 23.8 35.6



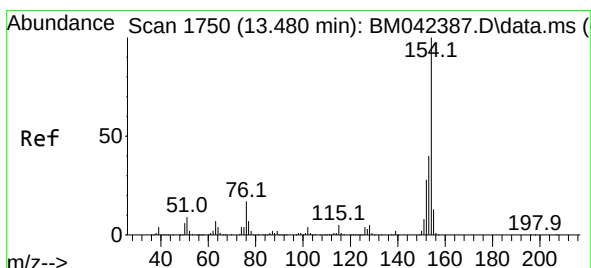
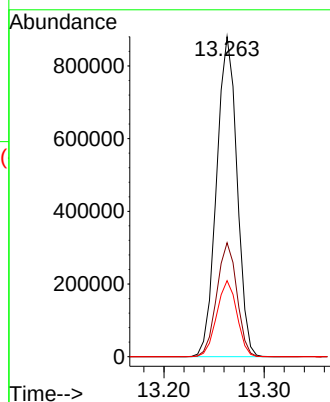
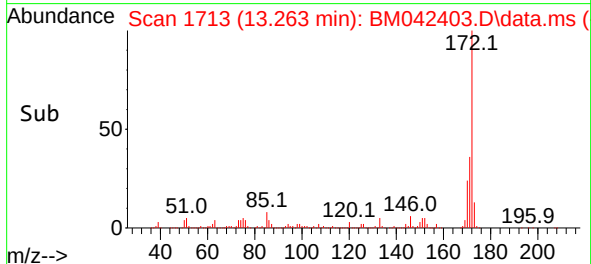


#45  
2-Fluorobiphenyl  
Concen: 61.078 ng  
RT: 13.263 min Scan# 1714  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

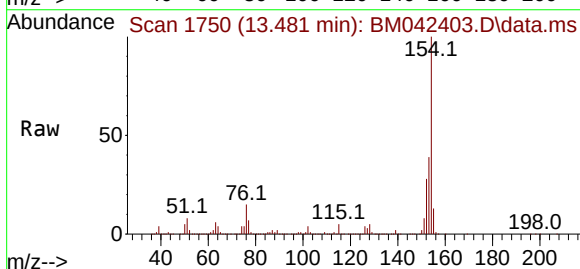
Instrument :  
BNA\_M  
ClientSampleId :



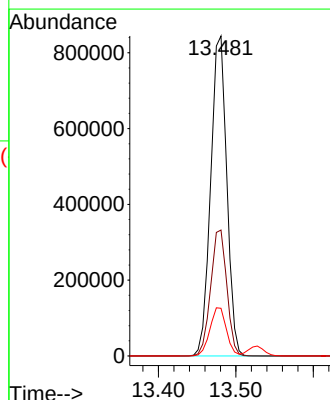
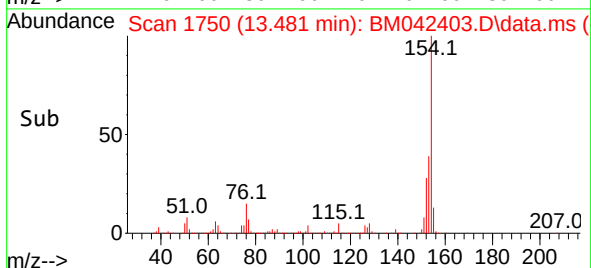
Tgt Ion:172 Resp: 1246288  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.1 42.1  
170 23.8 18.9 28.3

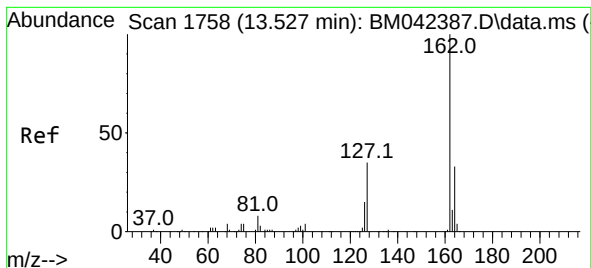


#46  
1,1'-Biphenyl  
Concen: 55.981 ng  
RT: 13.481 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43



Tgt Ion:154 Resp: 1220264  
Ion Ratio Lower Upper  
154 100  
153 39.3 19.9 59.9  
76 14.9 0.0 36.9





#47

2-Chloronaphthalene

Concen: 57.485 ng

RT: 13.528 min Scan# 1

Delta R.T. 0.001 min

Lab File: BM042403.D

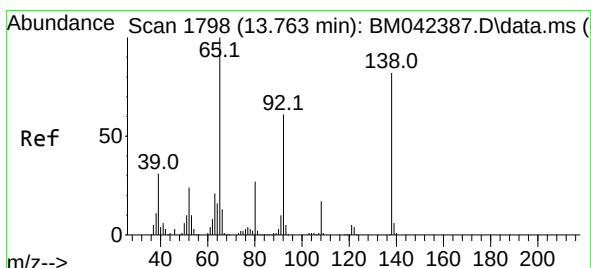
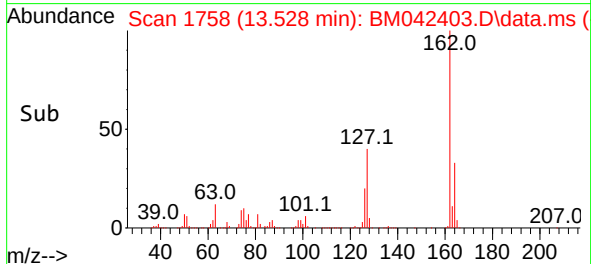
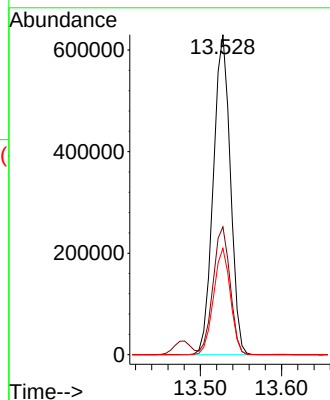
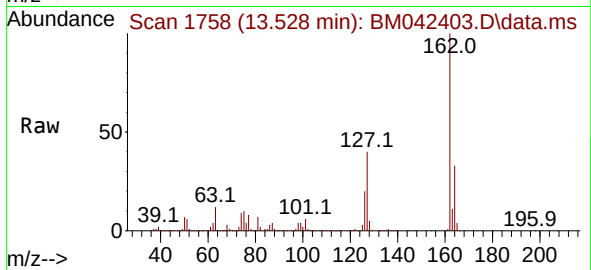
Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 919312 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 40.0  | 32.2  | 48.2   |
| 164      | 33.3  | 26.2  | 39.2   |



#48

2-Nitroaniline

Concen: 48.215 ng

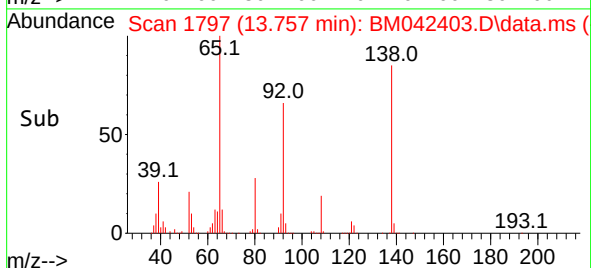
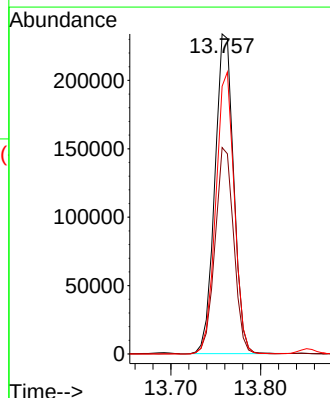
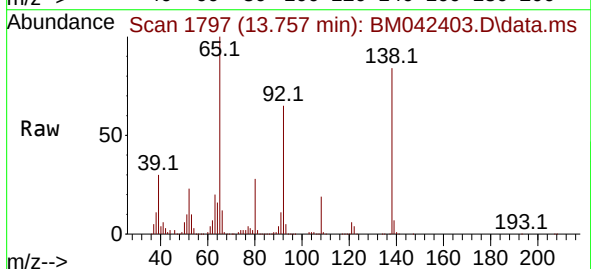
RT: 13.757 min Scan# 1797

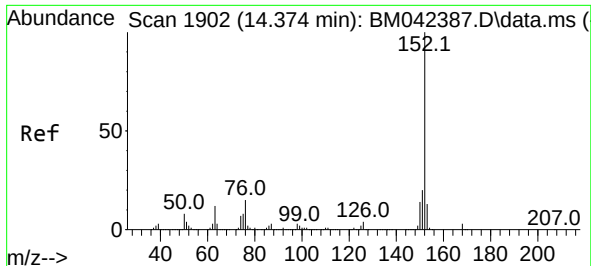
Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

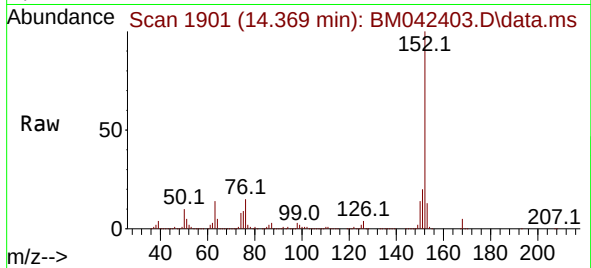
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 340788 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 64.5  | 49.0  | 73.6   |
| 138      | 83.7  | 65.5  | 98.3   |



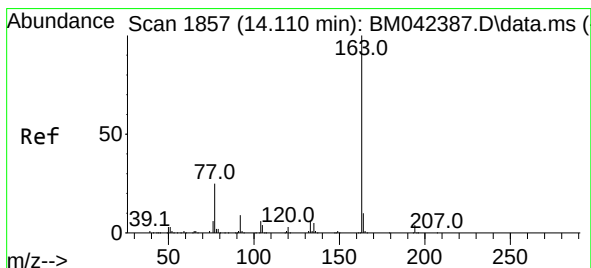
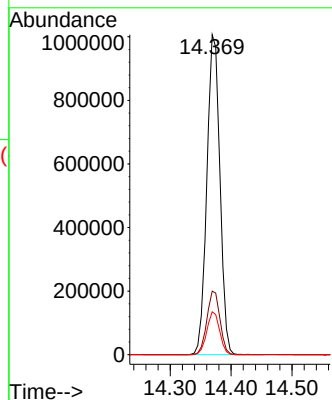
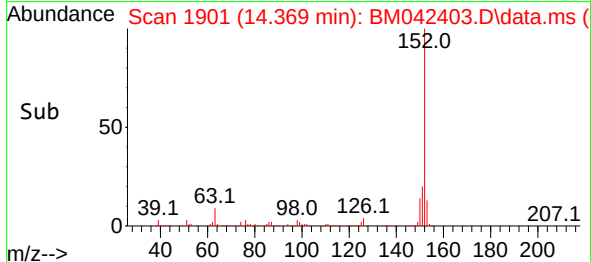


#49  
Acenaphthylene  
Concen: 58.016 ng  
RT: 14.369 min Scan# 1902  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

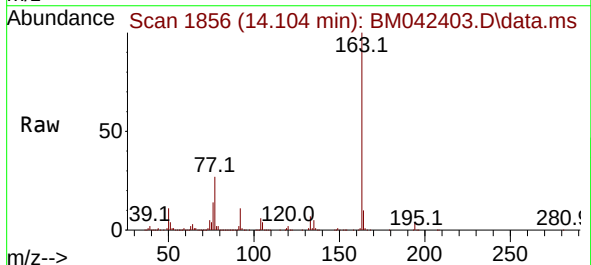
Instrument :  
BNA\_M  
ClientSampleId :



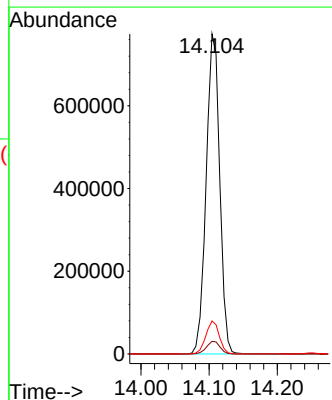
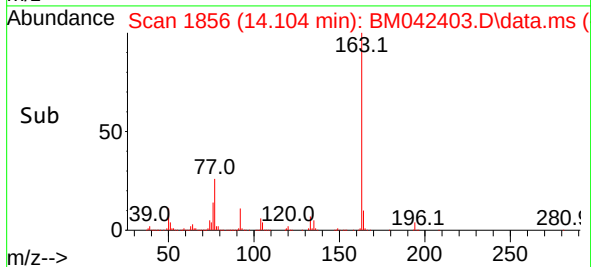
Tgt Ion:152 Resp: 1497855  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.9 23.9  
153 13.4 10.5 15.7

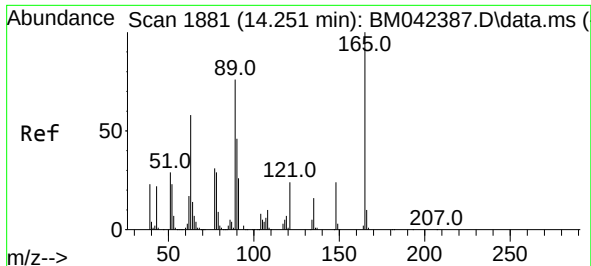


#50  
Dimethylphthalate  
Concen: 52.977 ng  
RT: 14.104 min Scan# 1856  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43



Tgt Ion:163 Resp: 1067726  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.4  
164 10.3 7.9 11.9

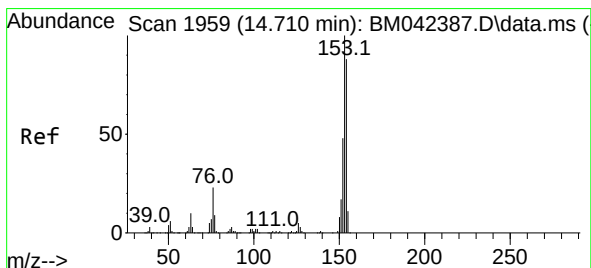
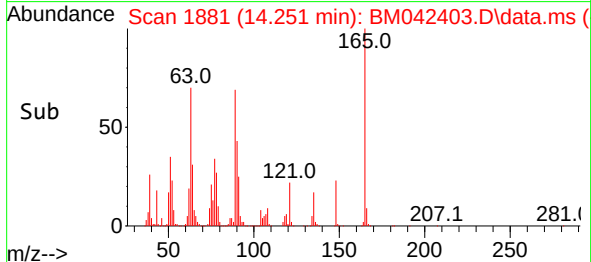
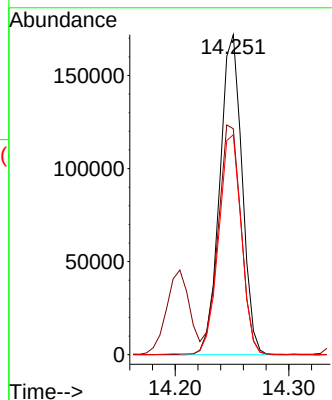
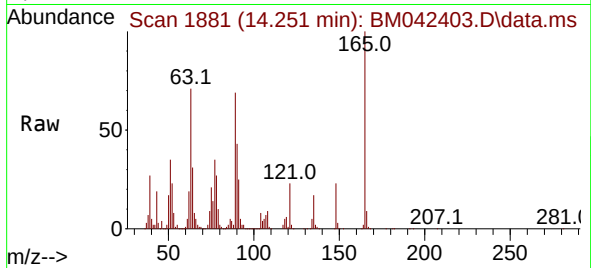




#51  
2,6-Dinitrotoluene  
Concen: 51.221 ng  
RT: 14.251 min Scan# 1881  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

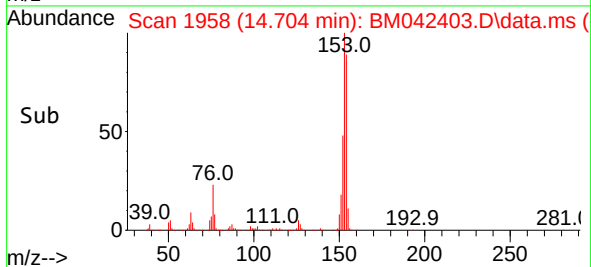
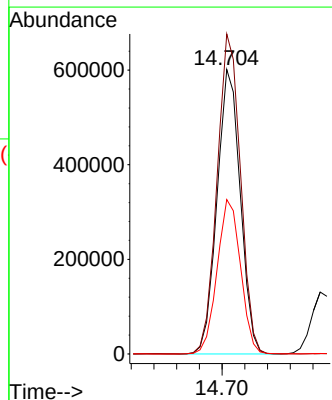
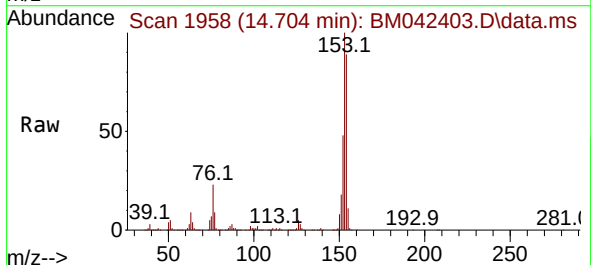
Instrument :  
BNA\_M  
ClientSampleId :

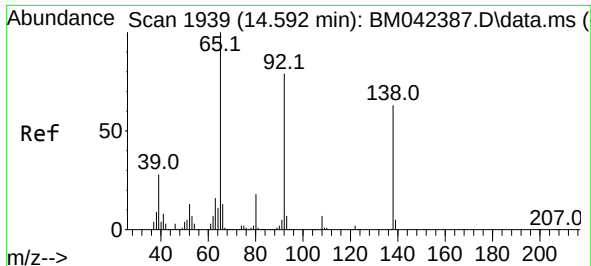
Tgt Ion:165 Resp: 234033  
Ion Ratio Lower Upper  
165 100  
63 70.6 65.3 97.9  
89 68.7 60.6 91.0



#52  
Acenaphthene  
Concen: 54.819 ng  
RT: 14.704 min Scan# 1958  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:154 Resp: 855675  
Ion Ratio Lower Upper  
154 100  
153 112.5 91.1 136.7  
152 54.3 44.0 66.0

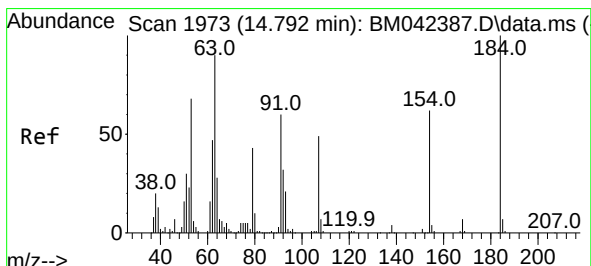
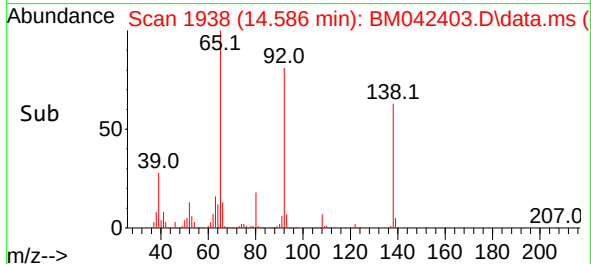
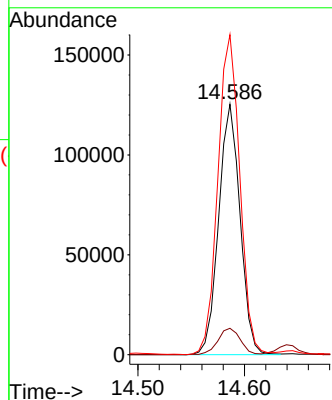
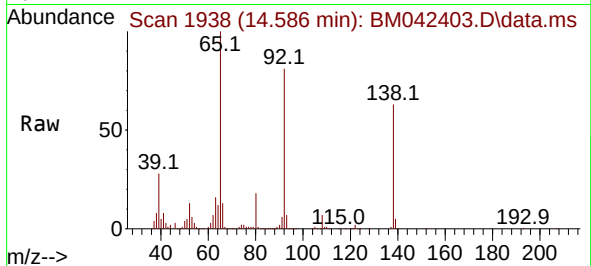




#53  
3-Nitroaniline  
Concen: 33.434 ng  
RT: 14.586 min Scan# 1938  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

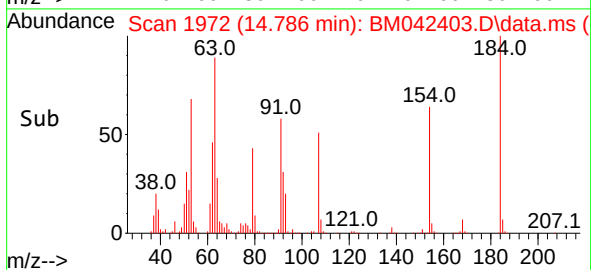
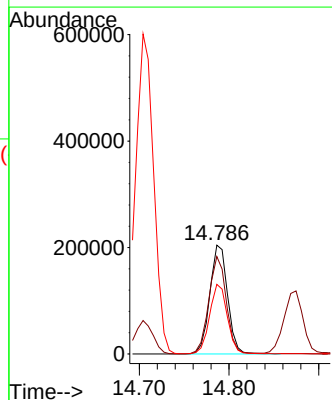
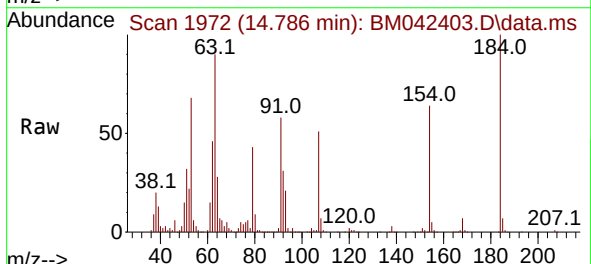
Instrument :  
BNA\_M  
ClientSampleId :

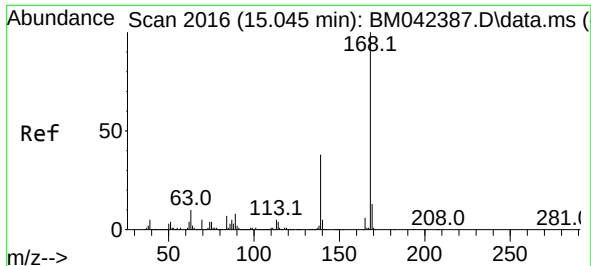
Tgt Ion:138 Resp: 174677  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.3 12.5  
92 127.8 100.6 151.0



#54  
2,4-Dinitrophenol  
Concen: 97.484 ng  
RT: 14.786 min Scan# 1972  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:184 Resp: 280403  
Ion Ratio Lower Upper  
184 100  
63 89.7 72.2 108.2  
154 64.1 49.6 74.4

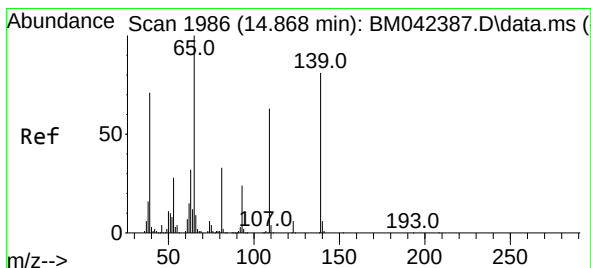
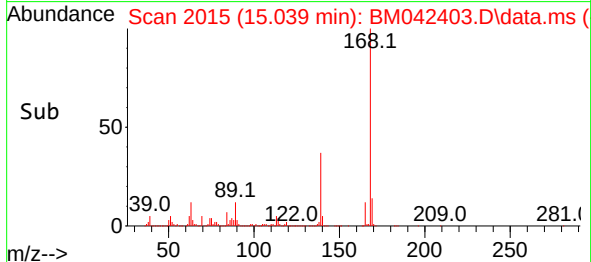
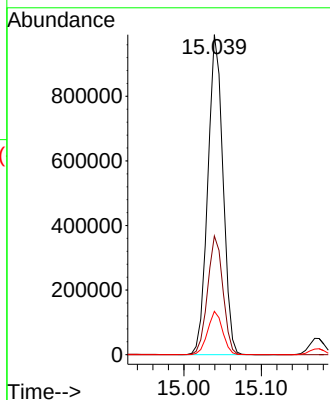
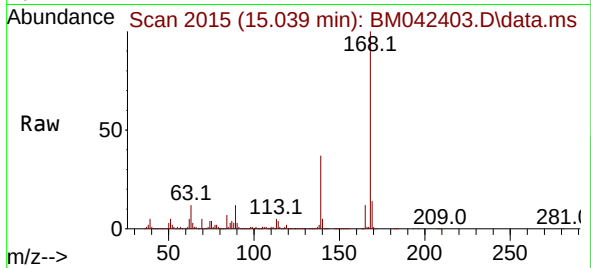




#55  
Dibenzenofuran  
Concen: 54.462 ng  
RT: 15.039 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

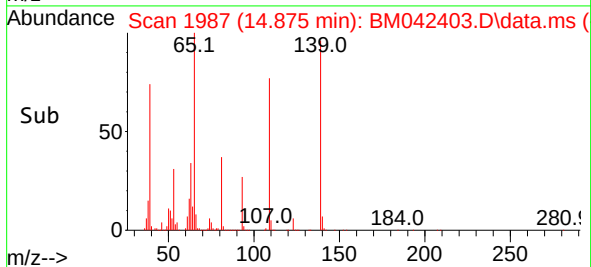
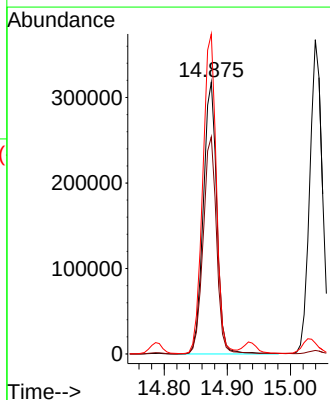
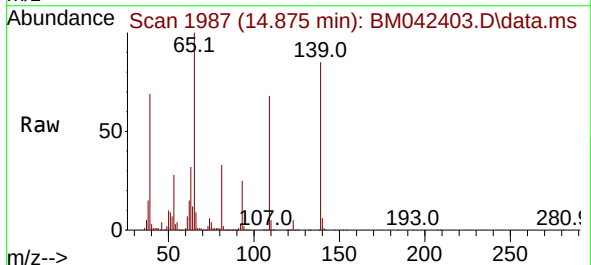
Instrument :  
BNA\_M  
ClientSampleId :

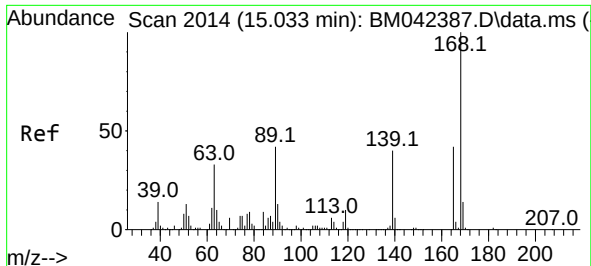
Tgt Ion:168 Resp: 1344558  
Ion Ratio Lower Upper  
168 100  
139 37.1 30.6 46.0  
169 13.5 10.4 15.6



#56  
4-Nitrophenol  
Concen: 115.412 ng  
RT: 14.875 min Scan# 1987  
Delta R.T. 0.007 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:139 Resp: 473750  
Ion Ratio Lower Upper  
139 100  
109 79.9 58.0 98.0  
65 117.7 104.2 144.2





#57

2,4-Dinitrotoluene

Concen: 50.733 ng

RT: 15.028 min Scan# 20

Delta R.T. -0.005 min

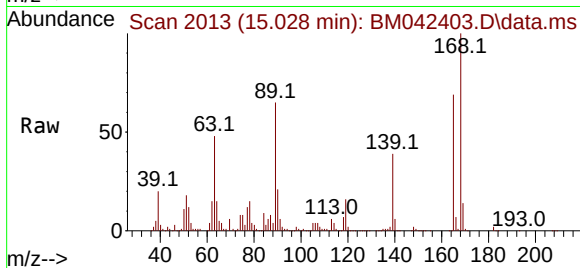
Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :



Tgt Ion:165 Resp: 310326

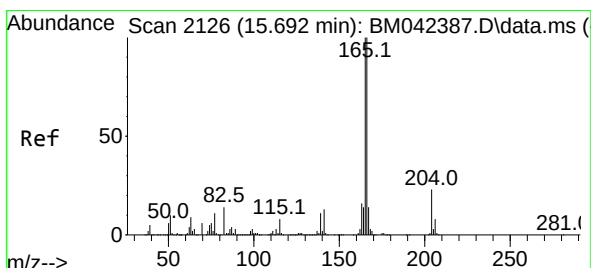
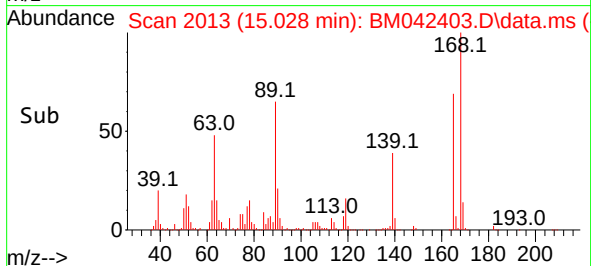
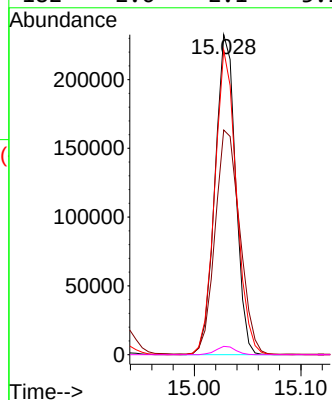
Ion Ratio Lower Upper

165 100

63 70.2 62.9 94.3

89 95.1 80.2 120.2

182 2.6 2.1 3.1



#58

Fluorene

Concen: 55.337 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

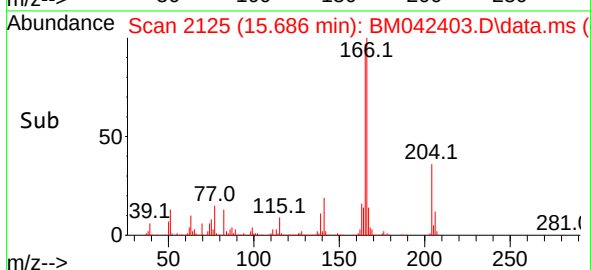
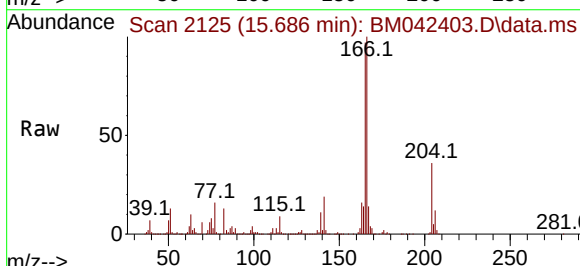
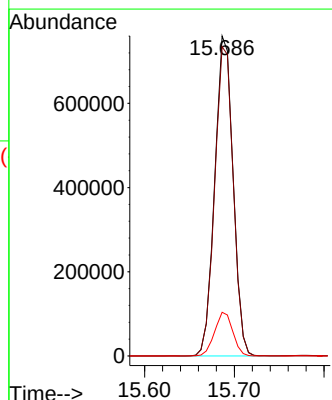
Tgt Ion:166 Resp: 1078050

Ion Ratio Lower Upper

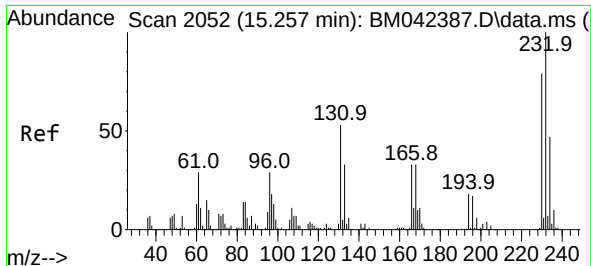
166 100

165 96.7 79.6 119.4

167 13.6 10.9 16.3



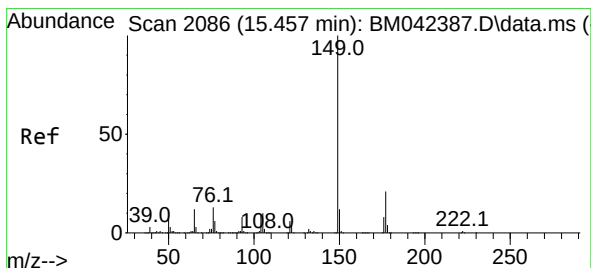
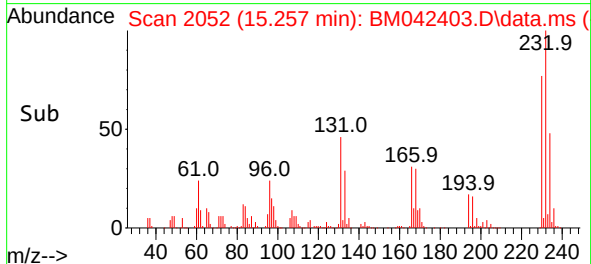
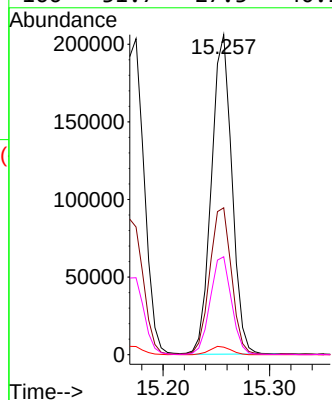
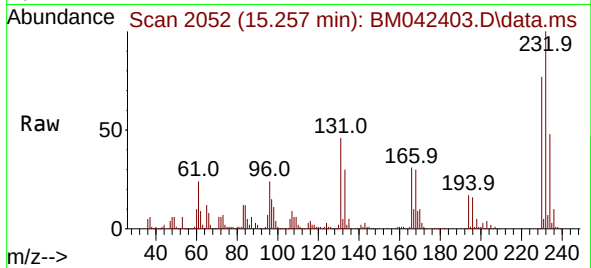




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 60.209 ng  
RT: 15.257 min Scan# 2052  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

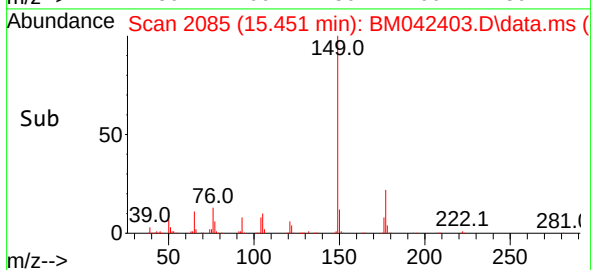
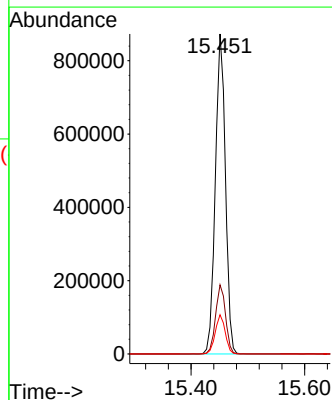
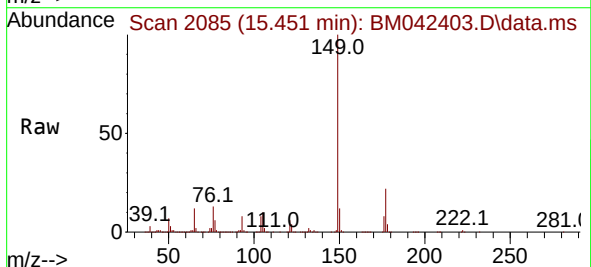
Instrument :  
BNA\_M  
ClientSampleId :

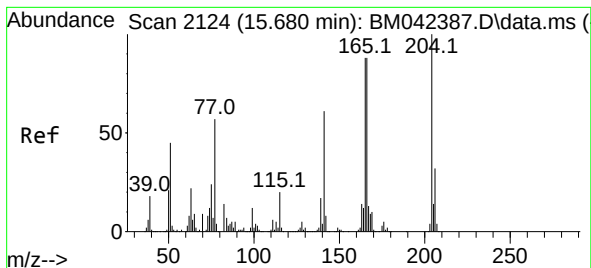
Tgt Ion:232 Resp: 274950  
Ion Ratio Lower Upper  
232 100  
131 49.5 42.8 64.2  
130 2.7 2.2 3.2  
166 31.7 27.3 40.9



#60  
Diethylphthalate  
Concen: 53.809 ng  
RT: 15.451 min Scan# 2085  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:149 Resp: 1070222  
Ion Ratio Lower Upper  
149 100  
177 21.6 16.7 25.1  
150 12.3 9.8 14.6

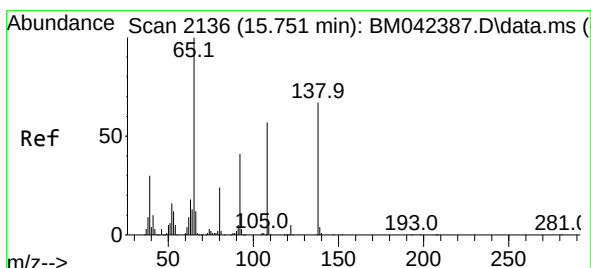
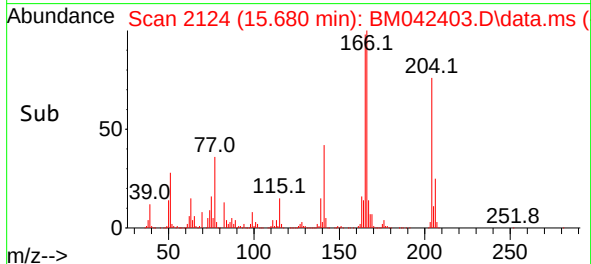
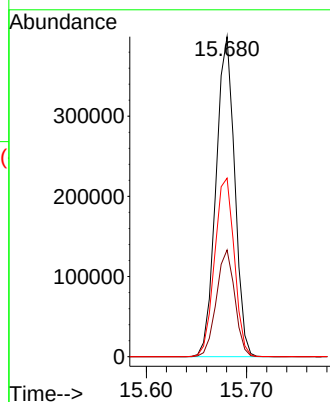
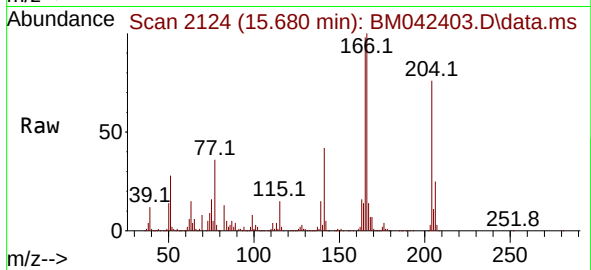




#61  
4-Chlorophenyl-phenylether  
Concen: 56.222 ng  
RT: 15.680 min Scan# 2124  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

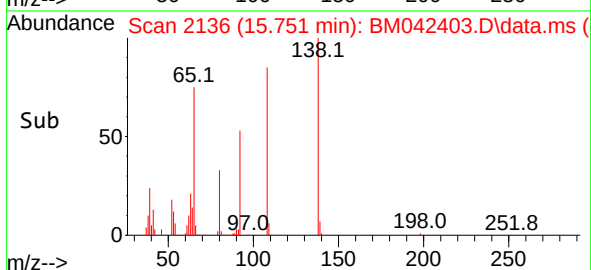
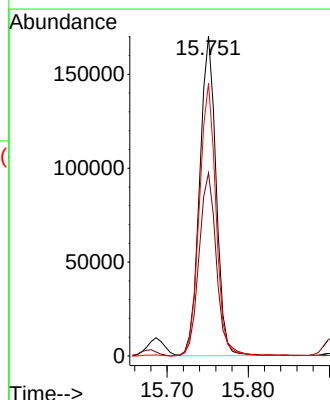
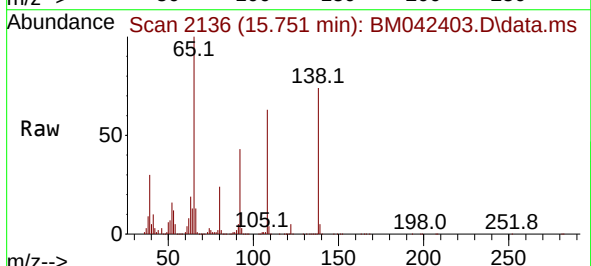
Instrument :  
BNA\_M  
ClientSampleId :

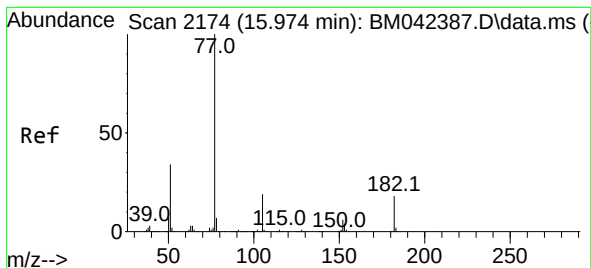
Tgt Ion:204 Resp: 515814  
Ion Ratio Lower Upper  
204 100  
206 33.4 25.4 38.0  
141 55.8 49.1 73.7



#62  
4-Nitroaniline  
Concen: 46.441 ng  
RT: 15.751 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:138 Resp: 239770  
Ion Ratio Lower Upper  
138 100  
92 57.2 40.4 80.4  
108 85.2 65.3 105.3





#63

Azobenzene

Concen: 52.632 ng

RT: 15.975 min Scan# 2174

Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

Tgt Ion: 77 Resp: 1255931

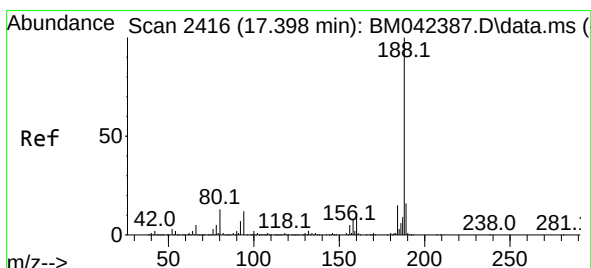
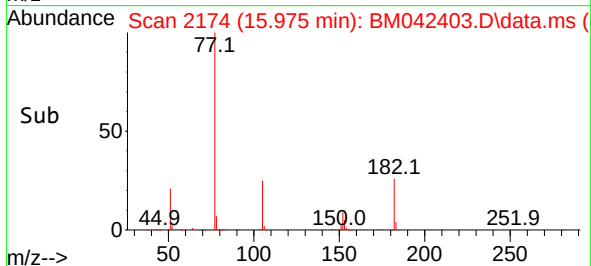
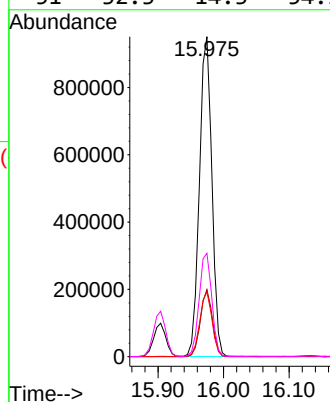
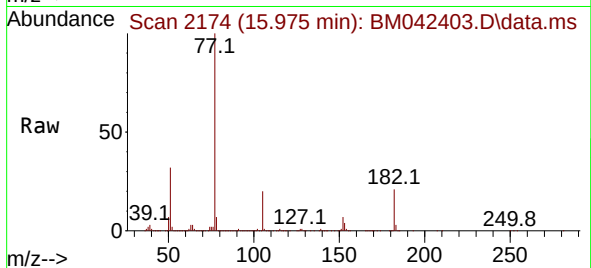
Ion Ratio Lower Upper

77 100

182 21.0 0.0 37.7

105 20.3 0.0 38.9

51 32.3 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

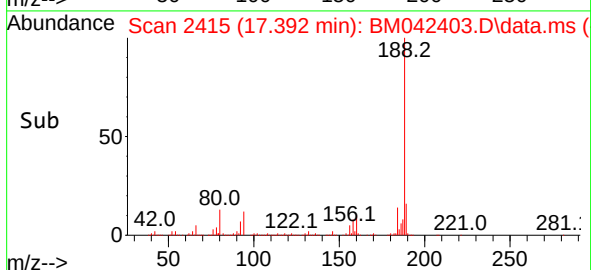
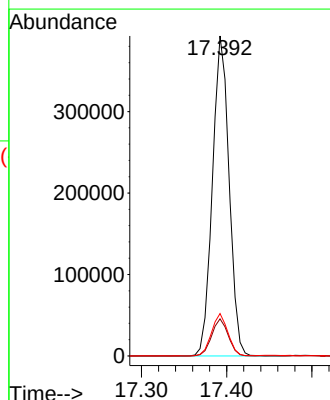
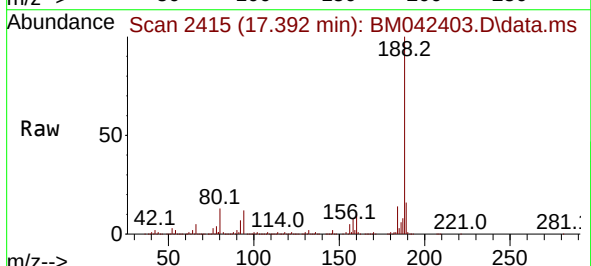
Tgt Ion:188 Resp: 533368

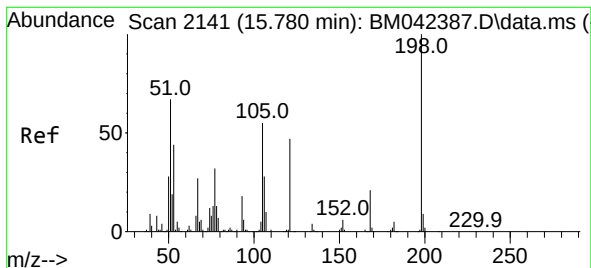
Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.0

80 13.3 10.7 16.1

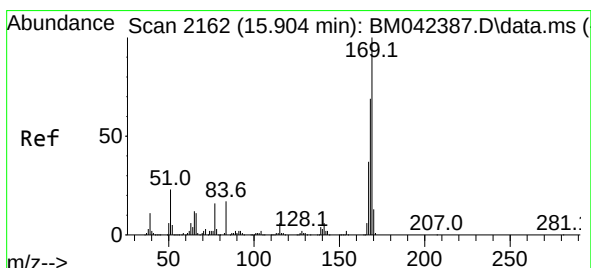
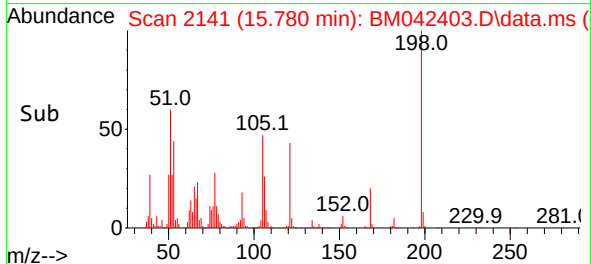
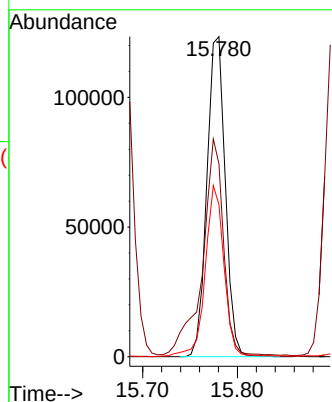
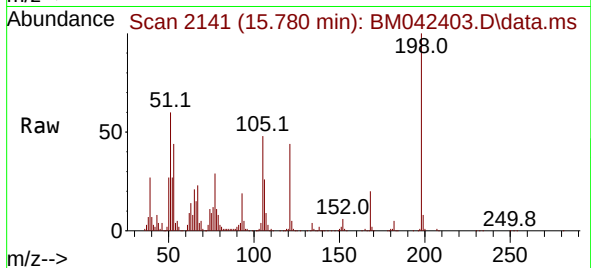




#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.723 ng  
RT: 15.780 min Scan# 2141  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

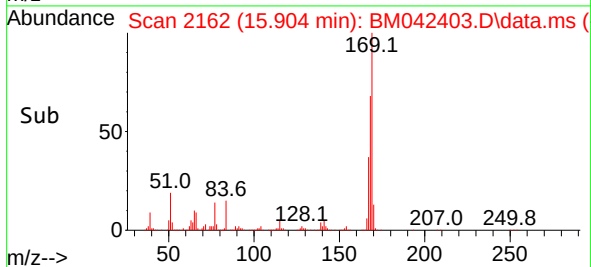
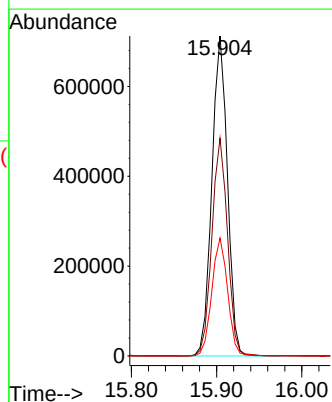
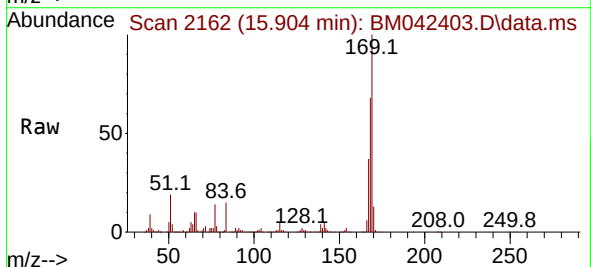
Instrument :  
BNA\_M  
ClientSampleId :

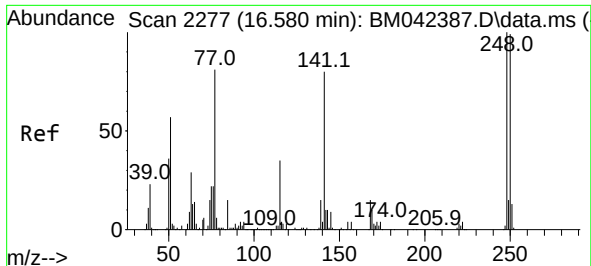
Tgt Ion:198 Resp: 166354  
Ion Ratio Lower Upper  
198 100  
51 60.3 54.1 94.1  
105 47.6 35.9 75.9



#66  
n-Nitrosodiphenylamine  
Concen: 56.203 ng  
RT: 15.904 min Scan# 2162  
Delta R.T. 0.000 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:169 Resp: 902891  
Ion Ratio Lower Upper  
169 100  
168 68.0 55.4 83.2  
167 36.9 29.9 44.9





#67

4-Bromophenyl-phenylether

Concen: 52.563 ng

RT: 16.575 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

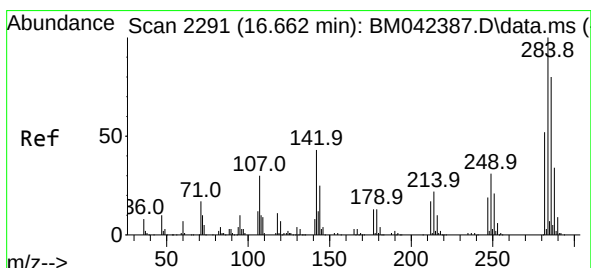
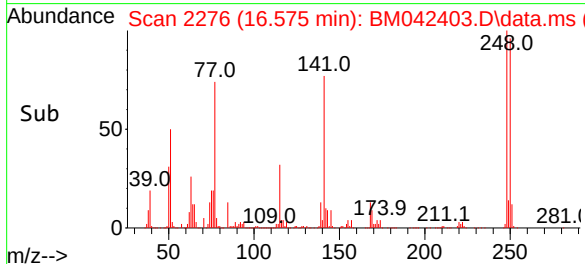
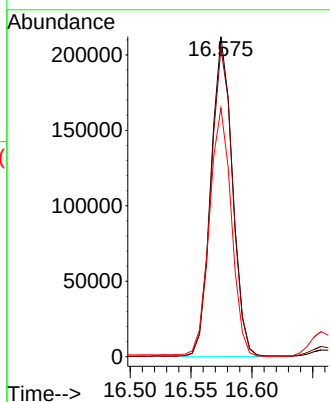
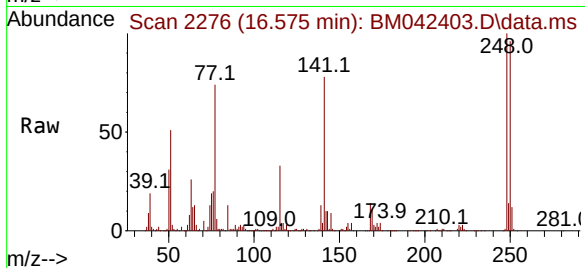
Tgt Ion:248 Resp: 259836

Ion Ratio Lower Upper

248 100

250 96.4 79.4 119.2

141 77.7 64.3 96.5



#68

Hexachlorobenzene

Concen: 60.730 ng

RT: 16.657 min Scan# 2290

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

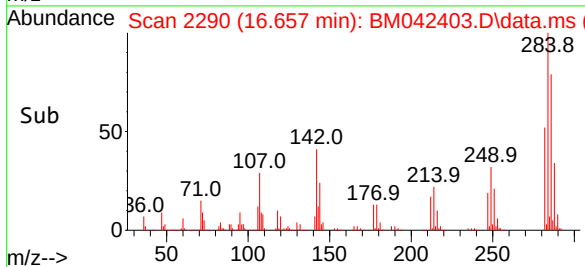
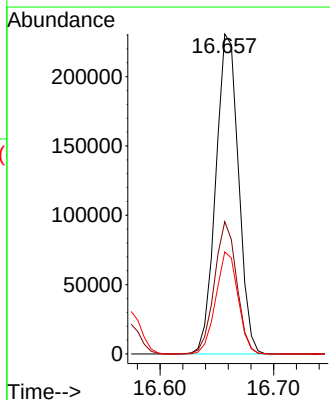
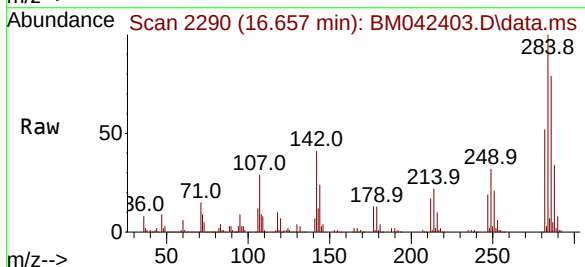
Tgt Ion:284 Resp: 320896

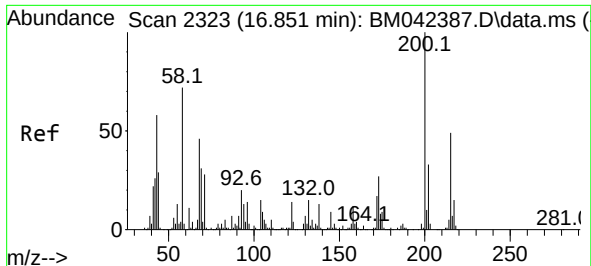
Ion Ratio Lower Upper

284 100

142 41.4 34.2 51.2

249 31.9 24.7 37.1

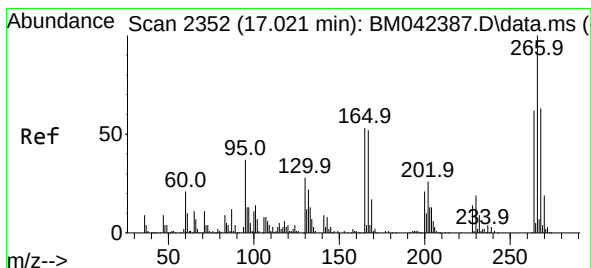
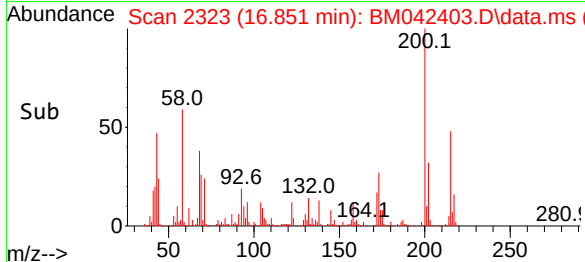
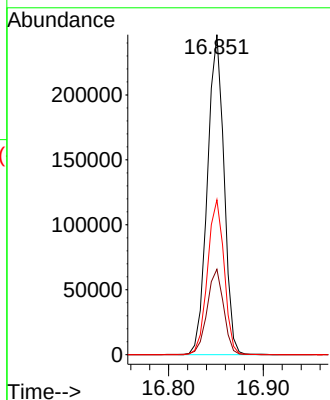
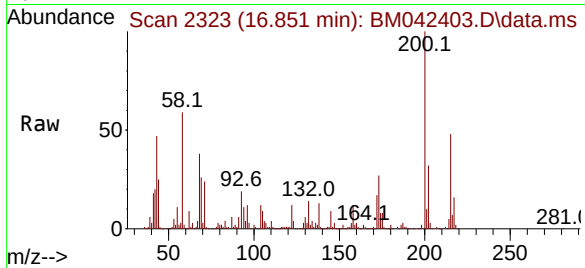




#69  
 Atrazine  
 Concen: 73.562 ng  
 RT: 16.851 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM042403.D  
 Acq: 23 Oct 2023 15:43

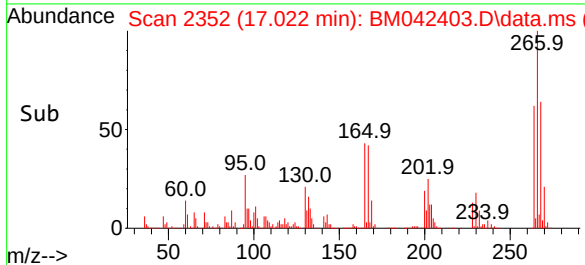
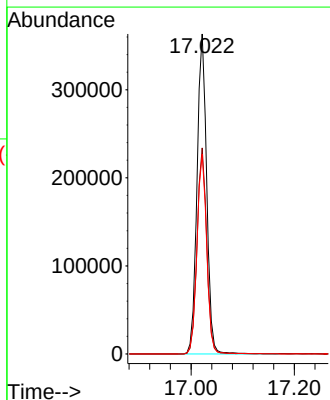
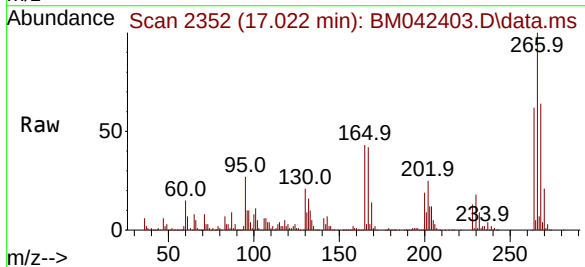
Instrument :  
 BNA\_M  
 ClientSampleId :

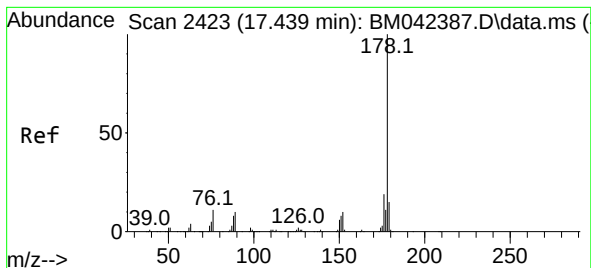
Tgt Ion:200 Resp: 299685  
 Ion Ratio Lower Upper  
 200 100  
 173 26.7 6.6 46.6  
 215 48.4 28.6 68.6



#70  
 Pentachlorophenol  
 Concen: 104.665 ng  
 RT: 17.022 min Scan# 2352  
 Delta R.T. 0.001 min  
 Lab File: BM042403.D  
 Acq: 23 Oct 2023 15:43

Tgt Ion:266 Resp: 470494  
 Ion Ratio Lower Upper  
 266 100  
 268 64.4 50.6 76.0  
 264 62.5 49.4 74.0





#71

Phenanthrene

Concen: 56.560 ng

RT: 17.433 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

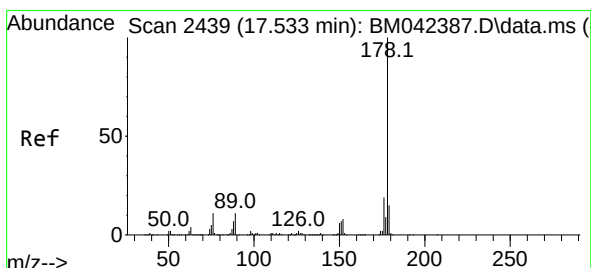
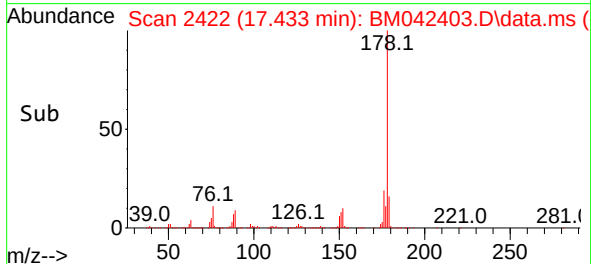
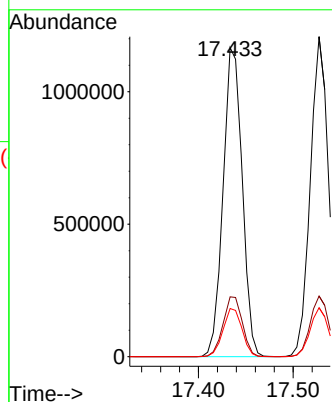
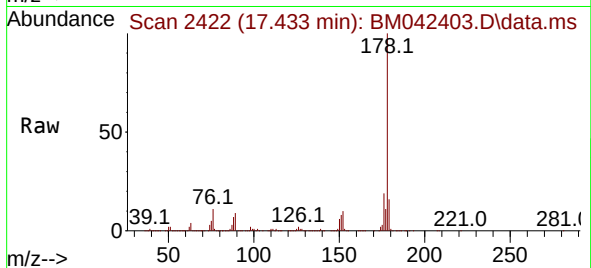
Tgt Ion:178 Resp: 1641117

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.6 12.3 18.5



#72

Anthracene

Concen: 56.384 ng

RT: 17.527 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

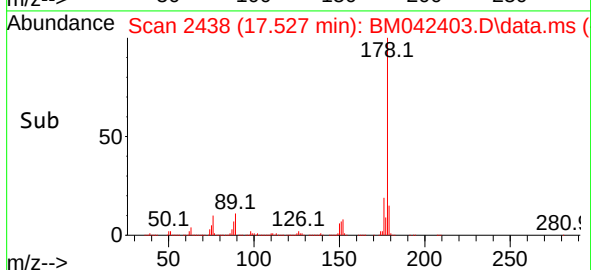
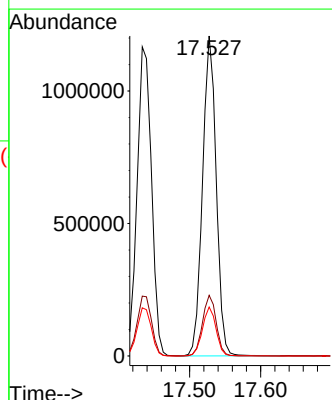
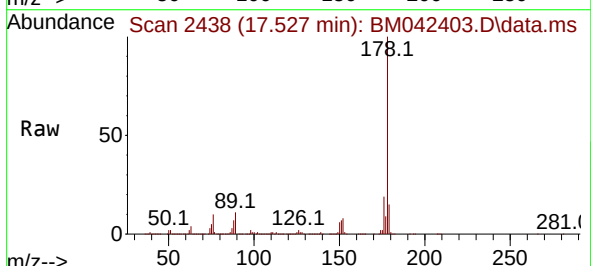
Tgt Ion:178 Resp: 1620261

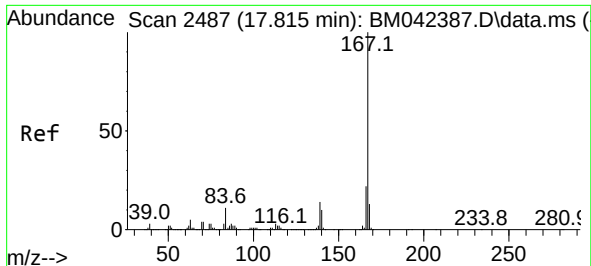
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.3 12.1 18.1



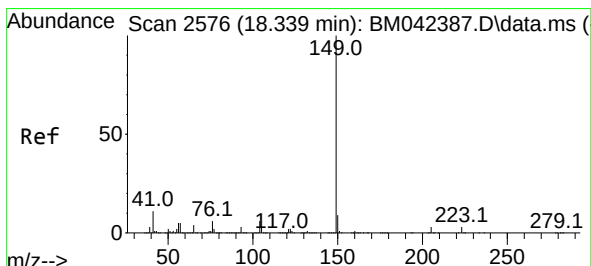
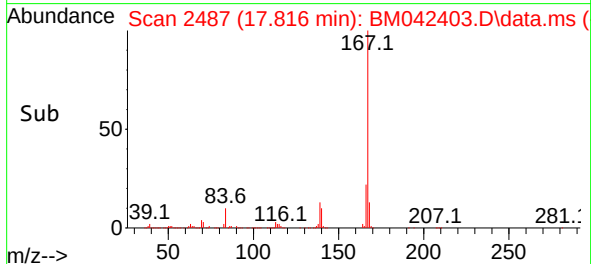
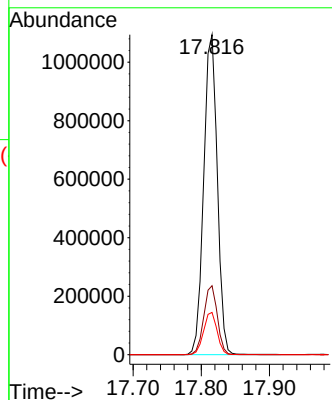
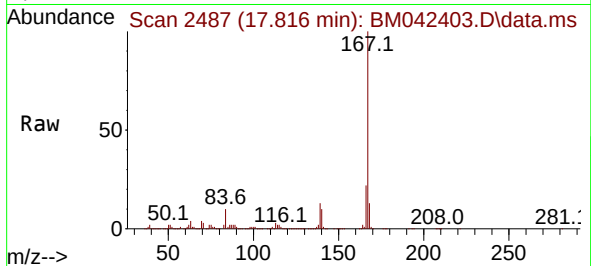


#73  
 Carbazole  
 Concen: 56.339 ng  
 RT: 17.816 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BM042403.D  
 Acq: 23 Oct 2023 15:43

Instrument :  
 BNA\_M  
 ClientSampleId :

Tgt Ion:167 Resp: 1518789  

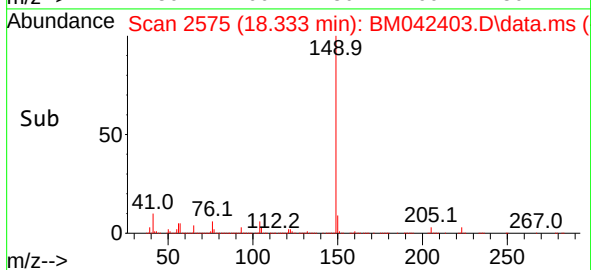
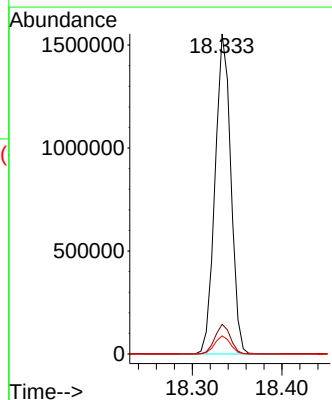
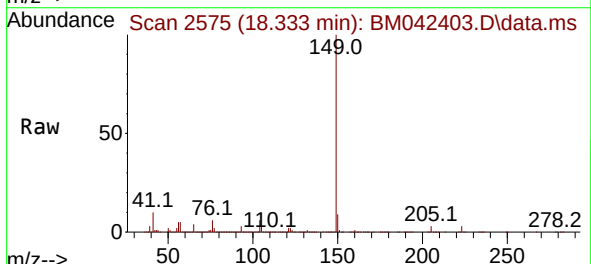
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.4  | 26.0  |
| 139 | 13.2  | 10.9  | 16.3  |



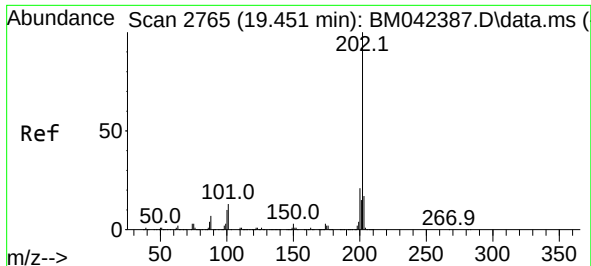
#74  
 Di-n-butylphthalate  
 Concen: 55.087 ng  
 RT: 18.333 min Scan# 2575  
 Delta R.T. -0.006 min  
 Lab File: BM042403.D  
 Acq: 23 Oct 2023 15:43

Tgt Ion:149 Resp: 1895591  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.4   | 11.0  |
| 104 | 5.7   | 4.6   | 7.0   |



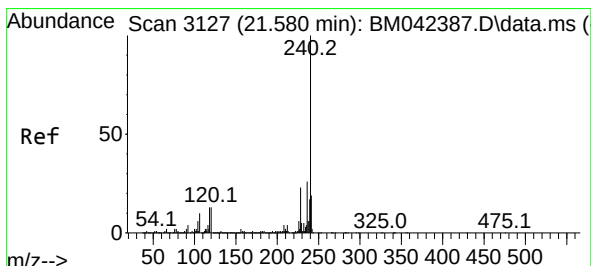
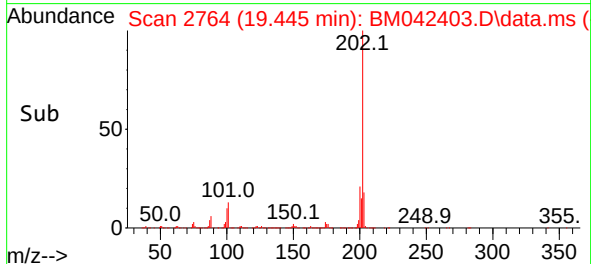
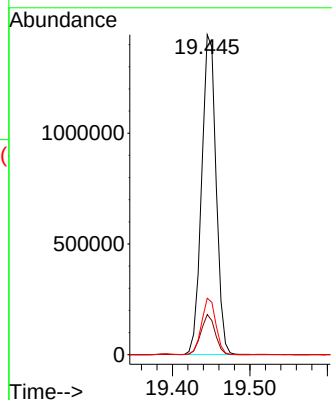
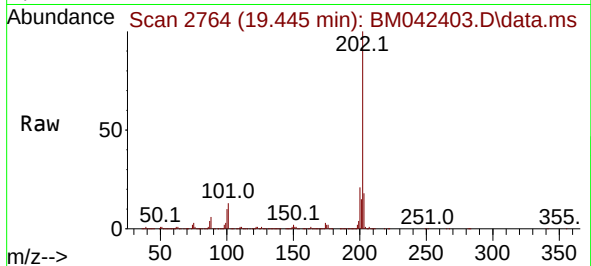




#75  
Fluoranthene  
Concen: 58.431 ng  
RT: 19.445 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

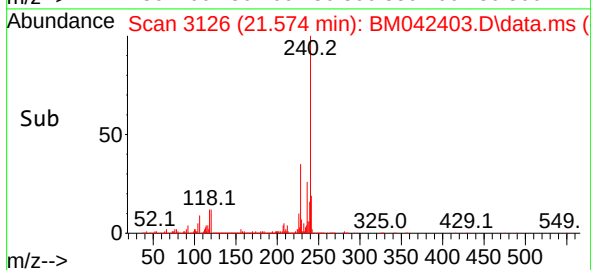
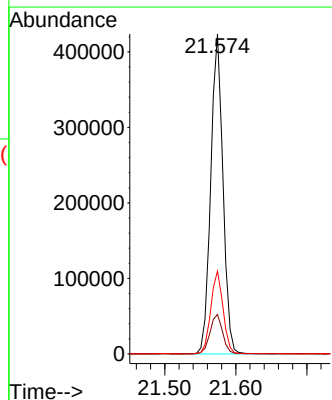
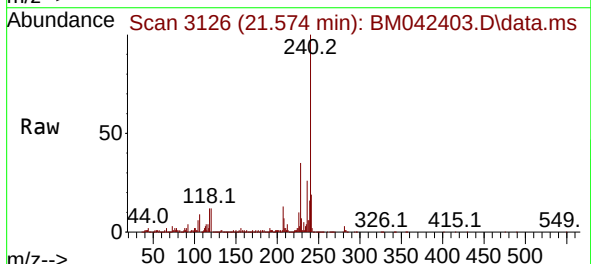
Instrument :  
BNA\_M  
ClientSampleId :

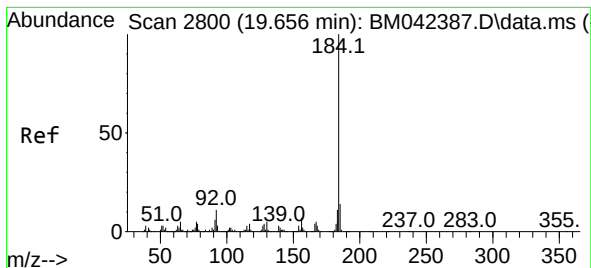
Tgt Ion:202 Resp: 1867227  
Ion Ratio Lower Upper  
202 100  
101 12.6 0.0 33.3  
203 17.7 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.574 min Scan# 3126  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:240 Resp: 507048  
Ion Ratio Lower Upper  
240 100  
120 12.3 10.7 16.1  
236 25.9 20.7 31.1





#77

Benzidine

Concen: 113.464 ng

RT: 19.657 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

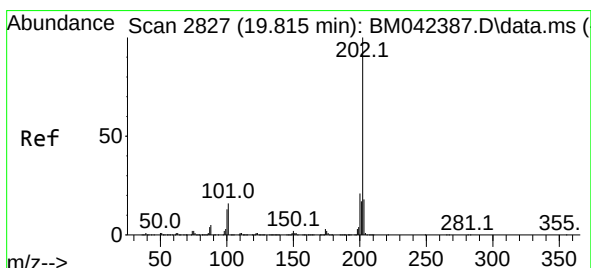
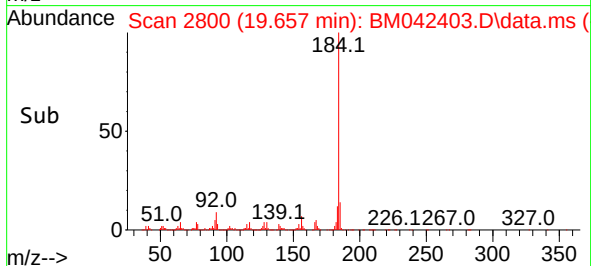
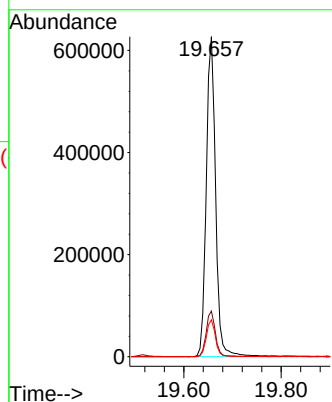
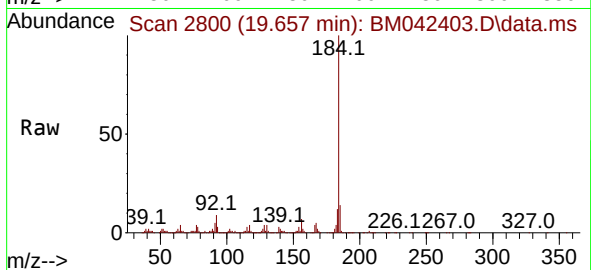
Tgt Ion:184 Resp: 832154

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.5 9.2 13.8



#78

Pyrene

Concen: 54.857 ng

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

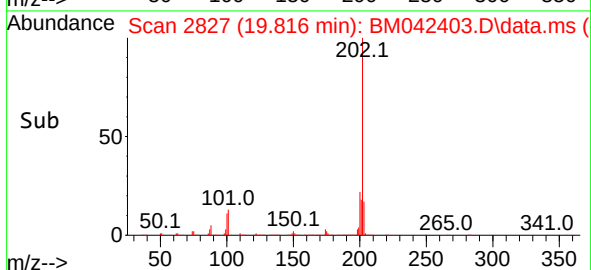
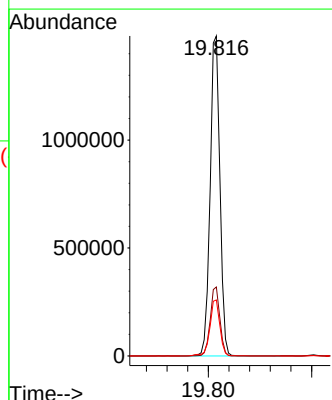
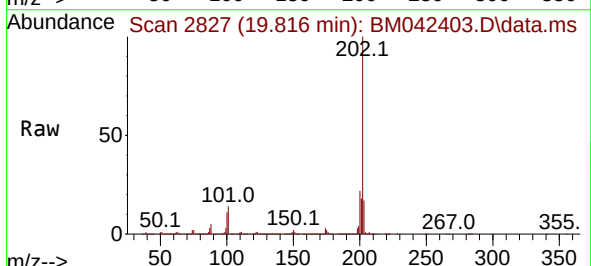
Tgt Ion:202 Resp: 1943697

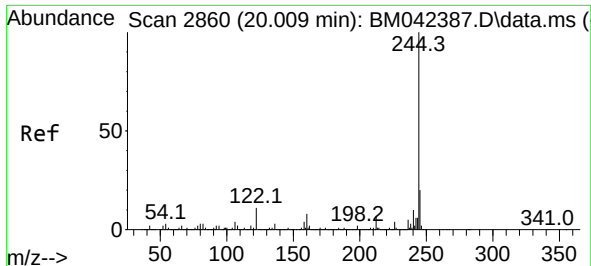
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

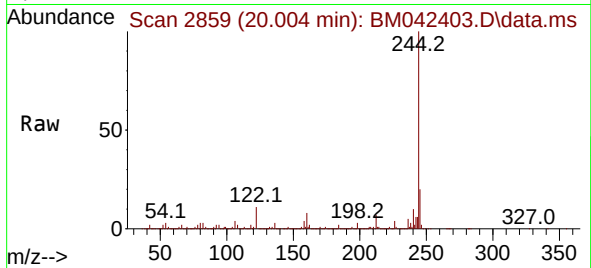
203 17.5 14.1 21.1



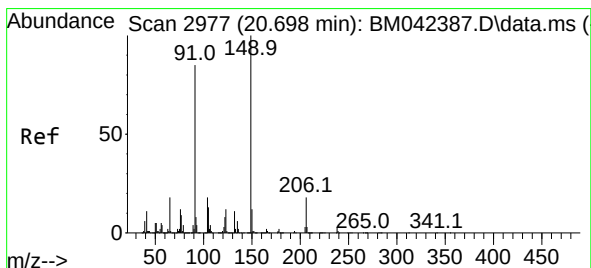
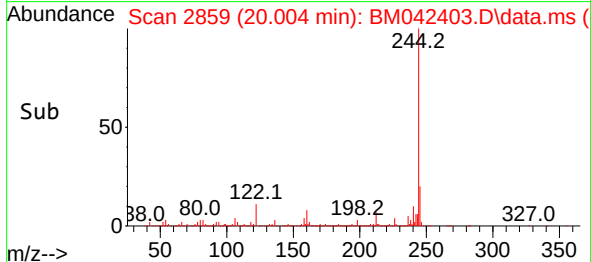
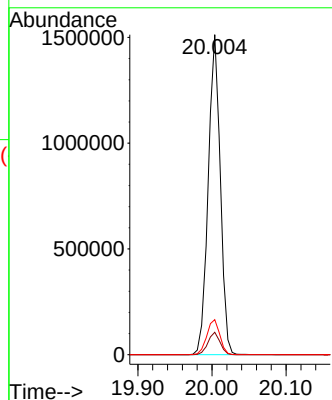


#79  
 Terphenyl-d14  
 Concen: 59.739 ng  
 RT: 20.004 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BM042403.D  
 Acq: 23 Oct 2023 15:43

Instrument :  
 BNA\_M  
 ClientSampleId :

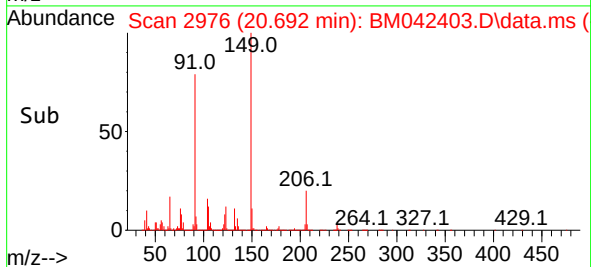
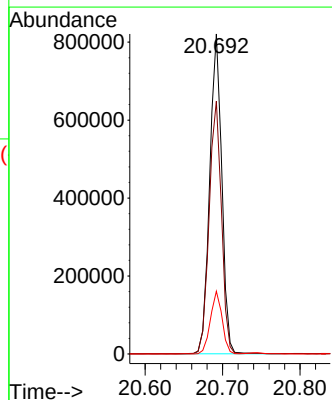
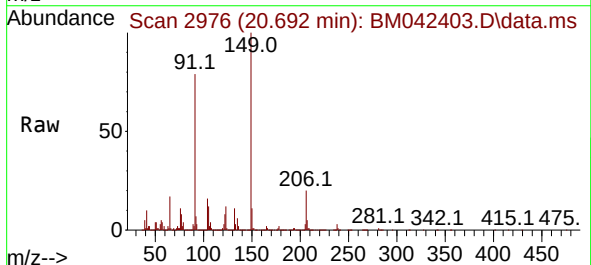


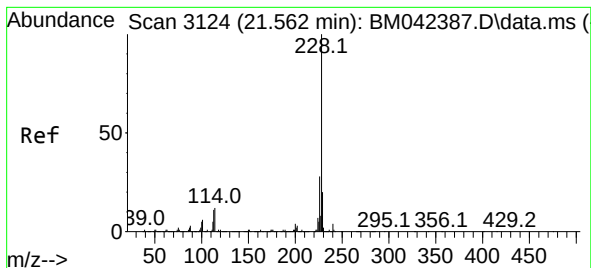
Tgt Ion:244 Resp: 1707973  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 10.9 8.8 13.2



#80  
 Butylbenzylphthalate  
 Concen: 54.671 ng  
 RT: 20.692 min Scan# 2976  
 Delta R.T. -0.006 min  
 Lab File: BM042403.D  
 Acq: 23 Oct 2023 15:43

Tgt Ion:149 Resp: 885883  
 Ion Ratio Lower Upper  
 149 100  
 91 79.0 68.3 102.5  
 206 19.6 14.6 22.0





#81

Benzo(a)anthracene

Concen: 56.449 ng

RT: 21.557 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

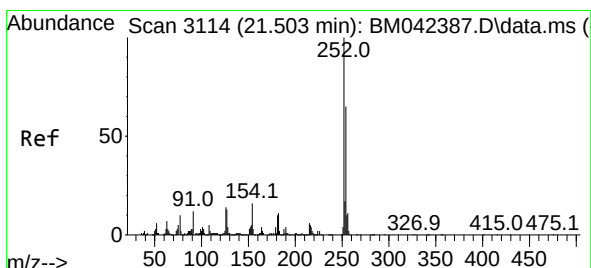
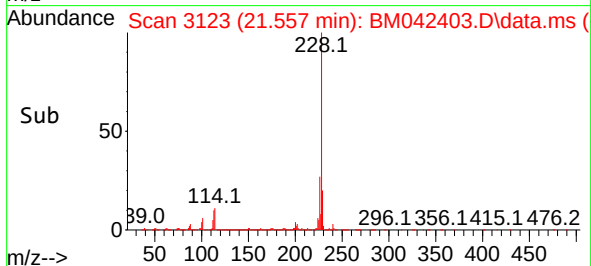
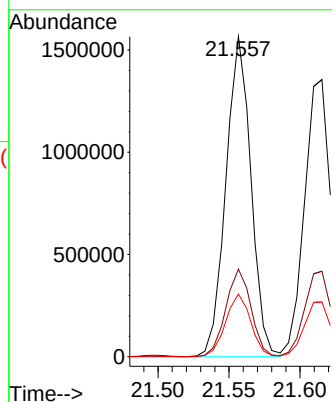
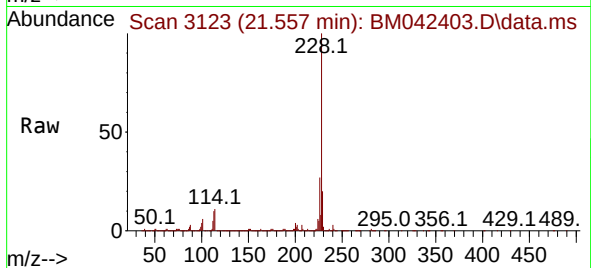
Tgt Ion:228 Resp: 1918767

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 51.800 ng

RT: 21.498 min Scan# 3113

Delta R.T. -0.005 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

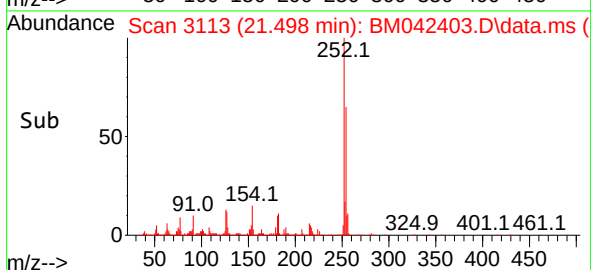
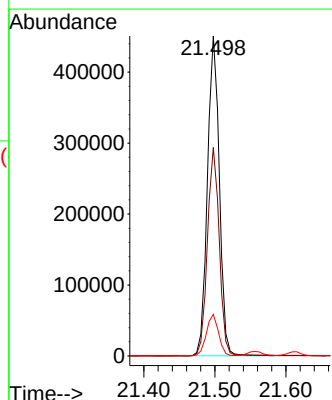
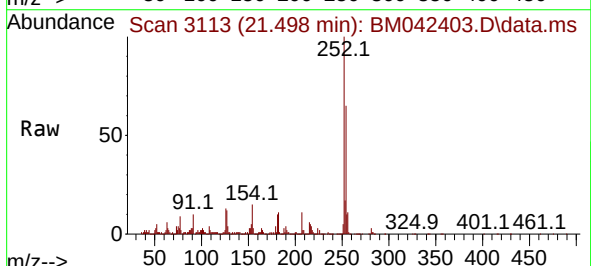
Tgt Ion:252 Resp: 525626

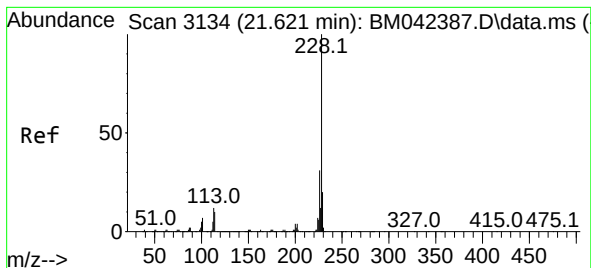
Ion Ratio Lower Upper

252 100

254 65.1 52.2 78.2

126 13.0 11.4 17.2





#83

Chrysene

Concen: 53.584 ng

RT: 21.615 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

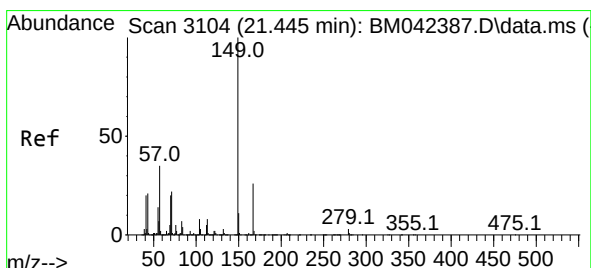
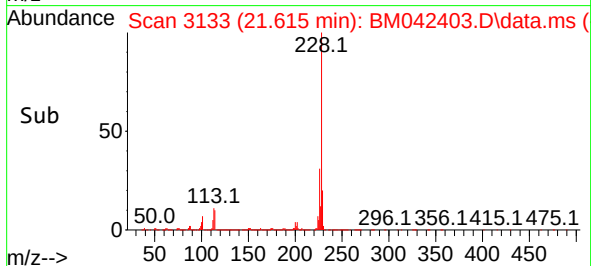
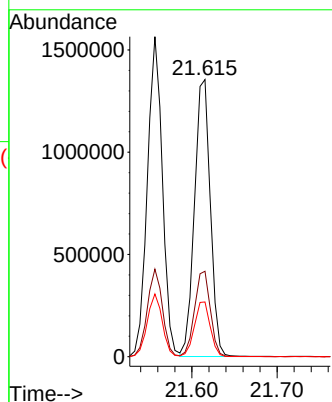
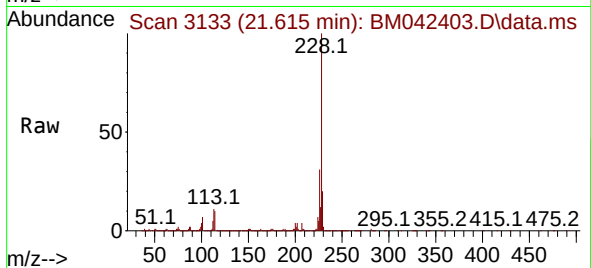
Tgt Ion:228 Resp: 1749400

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.820 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

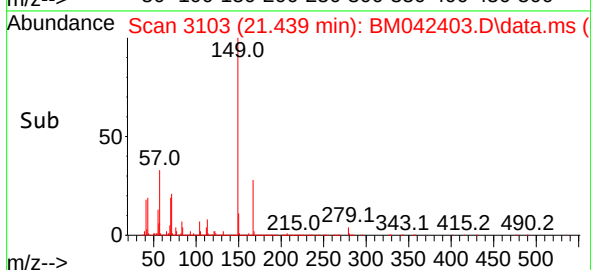
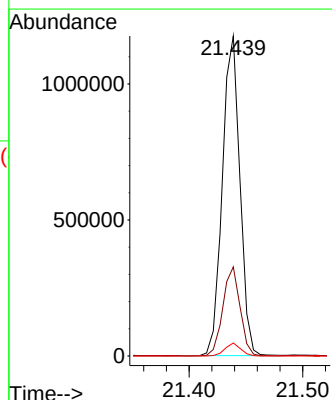
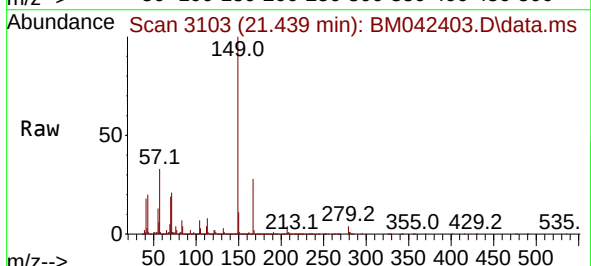
Tgt Ion:149 Resp: 1263460

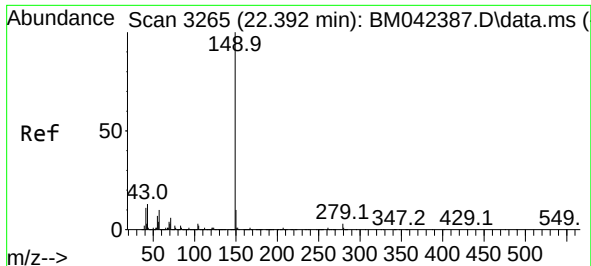
Ion Ratio Lower Upper

149 100

167 27.8 20.9 31.3

279 4.0 2.7 4.1

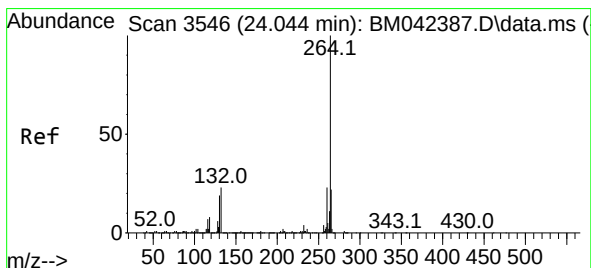
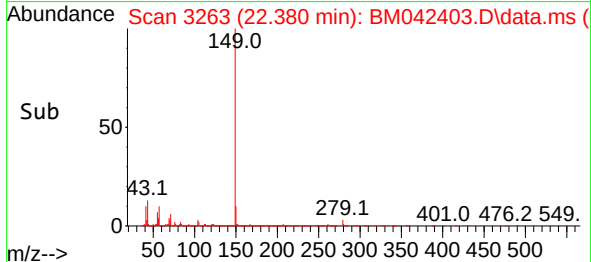
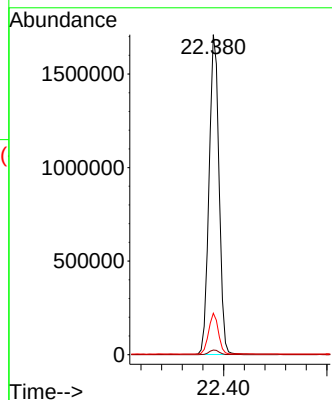
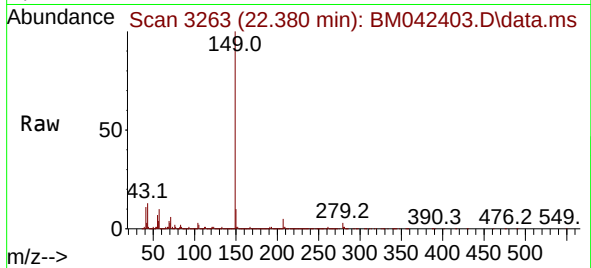




#85  
Di-n-octyl phthalate  
Concen: 57.078 ng  
RT: 22.380 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

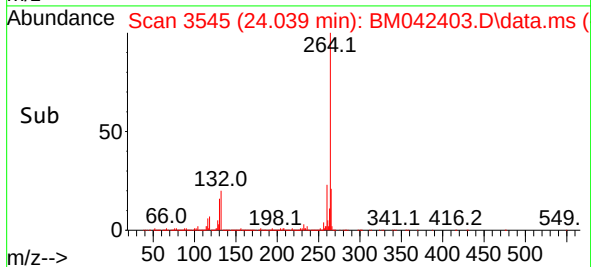
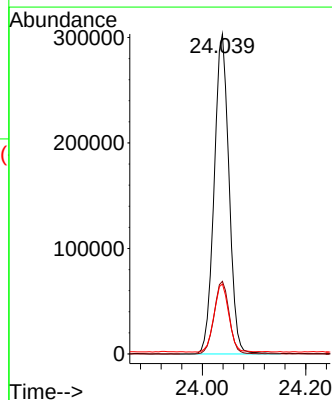
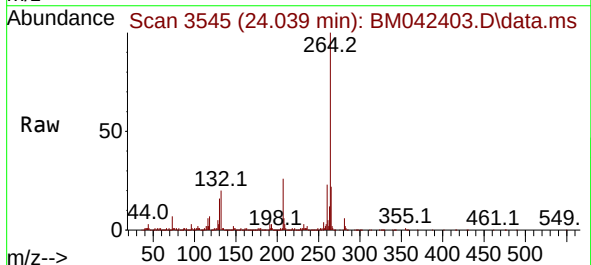
Instrument :  
BNA\_M  
ClientSampleId :

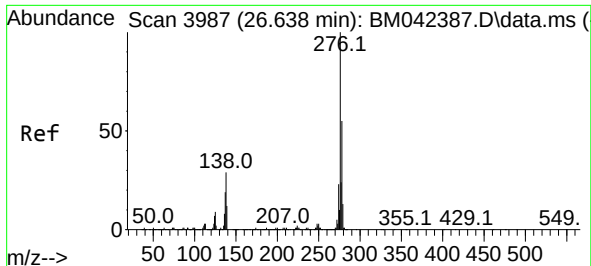
Tgt Ion:149 Resp: 2280613  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 12.5 11.0 16.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.039 min Scan# 3545  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

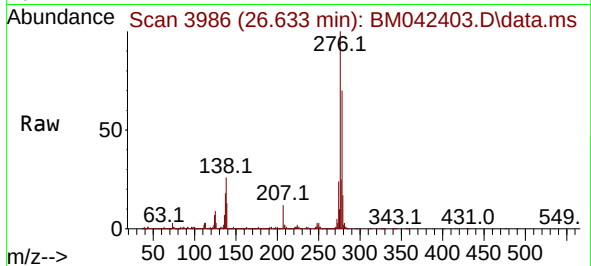
Tgt Ion:264 Resp: 603315  
Ion Ratio Lower Upper  
264 100  
260 22.7 18.6 27.8  
265 21.8 17.8 26.8



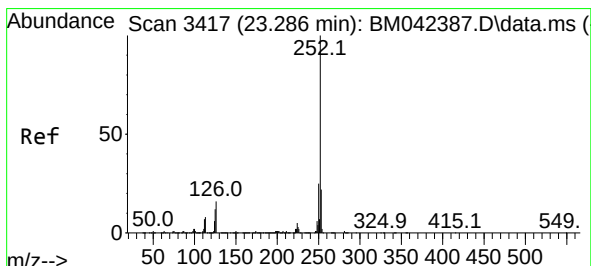
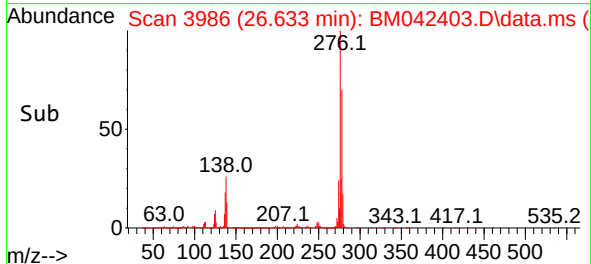
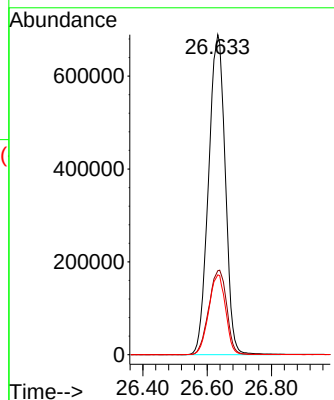


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 56.418 ng  
 RT: 26.633 min Scan# 3987  
 Delta R.T. -0.006 min  
 Lab File: BM042403.D  
 Acq: 23 Oct 2023 15:43

Instrument :  
 BNA\_M  
 ClientSampleId :

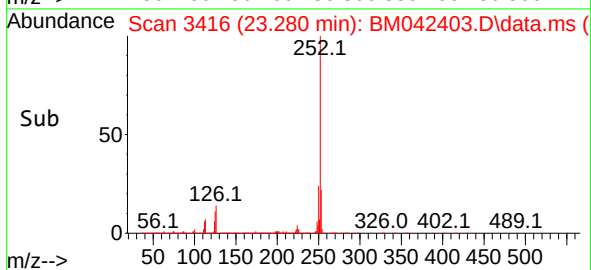
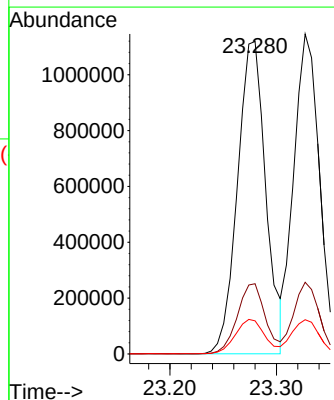
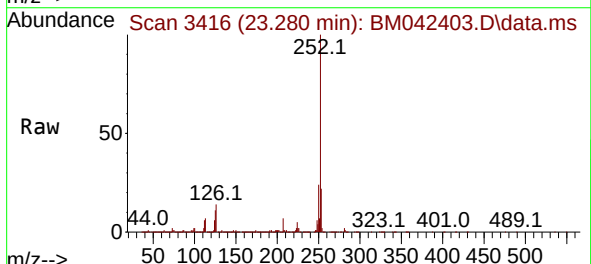


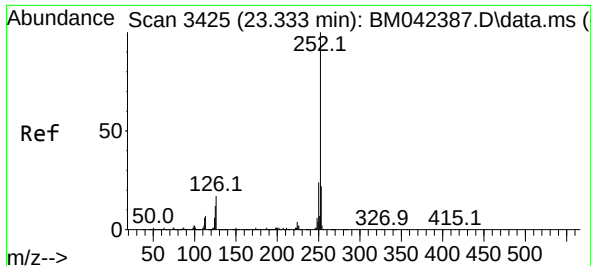
Tgt Ion:276 Resp: 2487475  
 Ion Ratio Lower Upper  
 276 100  
 138 28.2 25.6 38.4  
 277 25.2 20.0 30.0



#88  
 Benzo(b)fluoranthene  
 Concen: 57.047 ng  
 RT: 23.280 min Scan# 3416  
 Delta R.T. -0.006 min  
 Lab File: BM042403.D  
 Acq: 23 Oct 2023 15:43

Tgt Ion:252 Resp: 2071684  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 18.0 27.0  
 125 10.6 9.8 14.8

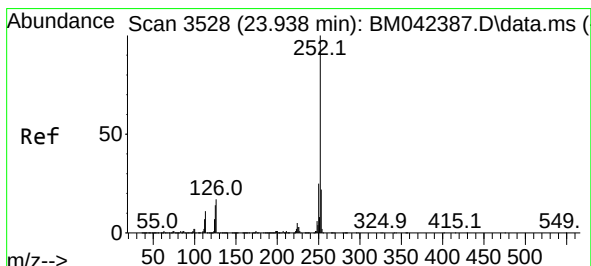
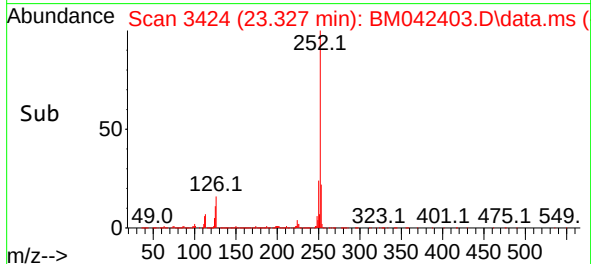
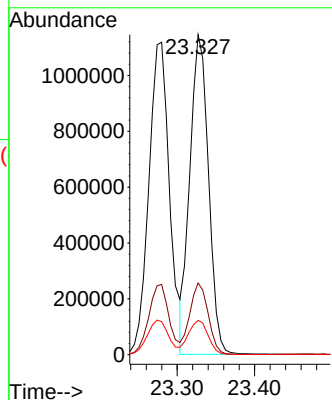
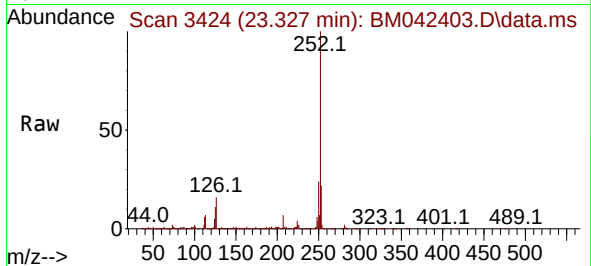




#89  
Benzo(k)fluoranthene  
Concen: 50.763 ng  
RT: 23.327 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

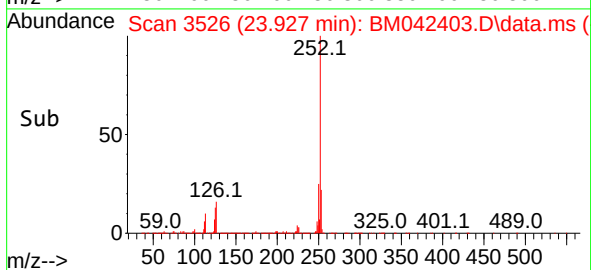
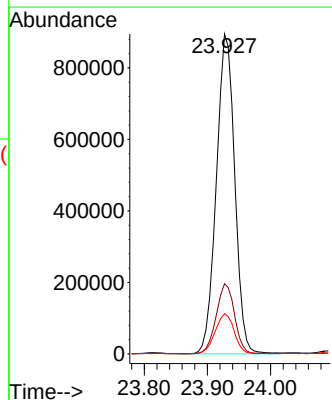
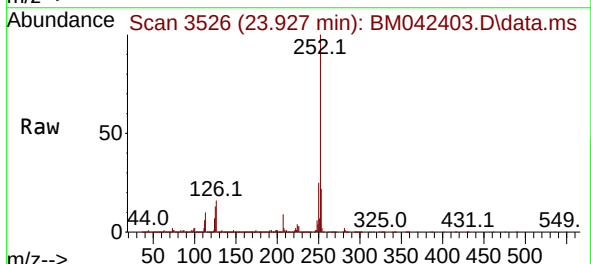
Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:252 Resp: 1913934  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.9 26.9  
125 10.7 10.2 15.2

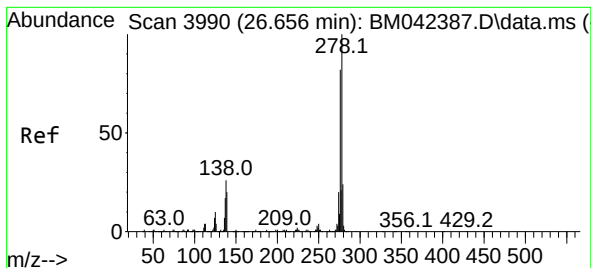


#90  
Benzo(a)pyrene  
Concen: 51.701 ng  
RT: 23.927 min Scan# 3526  
Delta R.T. -0.012 min  
Lab File: BM042403.D  
Acq: 23 Oct 2023 15:43

Tgt Ion:252 Resp: 1807119  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 12.6 10.9 16.3







#91

Dibenzo(a,h)anthracene

Concen: 56.134 ng

RT: 26.650 min Scan# 3990

Delta R.T. -0.006 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Instrument :

BNA\_M

ClientSampleId :

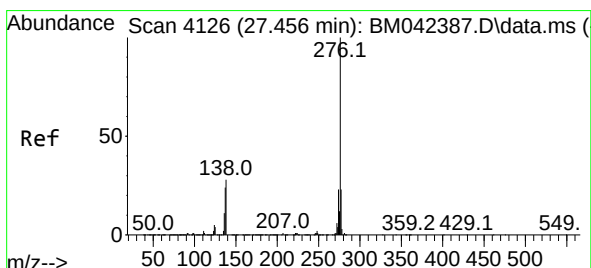
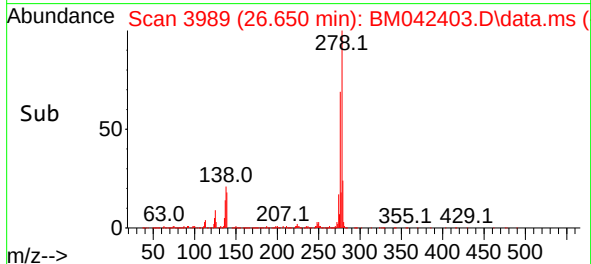
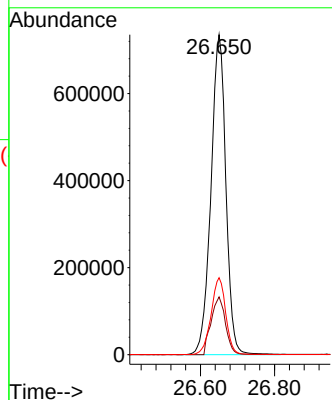
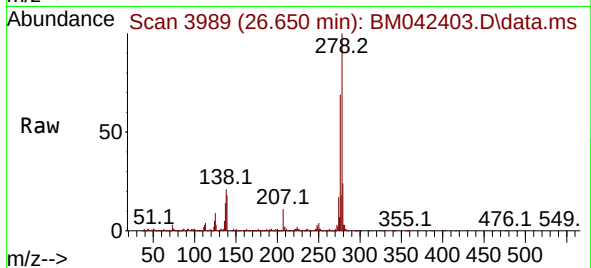
Tgt Ion:278 Resp: 2057751

Ion Ratio Lower Upper

278 100

139 18.0 15.6 23.4

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 55.623 ng

RT: 27.439 min Scan# 4123

Delta R.T. -0.017 min

Lab File: BM042403.D

Acq: 23 Oct 2023 15:43

Tgt Ion:276 Resp: 1980191

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 25.1 22.6 34.0

