

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060623\  
 Data File : BM040108.D  
 Acq On : 06 Jun 2023 17:44  
 Operator : MA/JU  
 Sample : 02986-05MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-14-0AMS

Quant Time: Jun 07 02:11:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 06 16:45:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.998  | 152  | 253315   | 20.000  | ng     | 0.00     |
| 21) Naphthalene-d8            | 10.810 | 136  | 1169648  | 20.000  | ng     | 0.00     |
| 39) Acenaphthene-d10          | 14.633 | 164  | 698846   | 20.000  | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.374 | 188  | 1452075  | 20.000  | ng     | 0.00     |
| 76) Chrysene-d12              | 21.550 | 240  | 1513377  | 20.000  | ng     | 0.00     |
| 86) Perylene-d12              | 23.991 | 264  | 1423603  | 20.000  | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 5) 2-Fluorophenol             | 5.545  | 112  | 1491529  | 90.319  | ng     | 0.00     |
| 7) Phenol-d6                  | 7.151  | 99   | 1875936  | 87.082  | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 9.163  | 82   | 1562574  | 72.087  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.121 | 330  | 1167655  | 128.731 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.263 | 172  | 3979877  | 67.171  | ng     | 0.00     |
| 79) Terphenyl-d14             | 19.992 | 244  | 7416255  | 76.089  | ng     | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 3.404  | 88   | 204369   | 30.644  | ng     | # 44     |
| 3) Pyridine                   | 3.816  | 79   | 522826   | 28.554  | ng     | 96       |
| 4) n-Nitrosodimethylamine     | 3.722  | 42   | 257028   | 33.042  | ng     | 89       |
| 6) Aniline                    | 7.316  | 93   | 927436   | 34.793  | ng     | 98       |
| 8) 2-Chlorophenol             | 7.557  | 128  | 614980   | 35.378  | ng     | 97       |
| 9) Benzaldehyde               | 7.128  | 77   | 334501   | 32.121  | ng     | 98       |
| 10) Phenol                    | 7.181  | 94   | 664967   | 30.795  | ng     | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.416  | 93   | 697403   | 39.212  | ng     | 98       |
| 12) 1,3-Dichlorobenzene       | 7.886  | 146  | 688945   | 37.427  | ng     | 97       |
| 13) 1,4-Dichlorobenzene       | 8.034  | 146  | 712529   | 38.044  | ng     | 100      |
| 14) 1,2-Dichlorobenzene       | 8.351  | 146  | 698909   | 38.056  | ng     | 99       |
| 15) Benzyl Alcohol            | 8.239  | 79   | 640947   | 46.157  | ng     | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.533  | 45   | 861301   | 37.751  | ng     | 98       |
| 17) 2-Methylphenol            | 8.439  | 107  | 581456   | 37.637  | ng     | 99       |
| 18) Hexachloroethane          | 9.086  | 117  | 251597   | 37.054  | ng     | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.810  | 70   | 543475   | 43.558  | ng     | 97       |
| 20) 3+4-Methylphenols         | 8.769  | 107  | 772648   | 37.900  | ng     | 99       |
| 22) Acetophenone              | 8.822  | 105  | 1171932  | 37.122  | ng     | 98       |
| 24) Nitrobenzene              | 9.210  | 77   | 793462   | 36.087  | ng     | 97       |
| 25) Isophorone                | 9.733  | 82   | 1573117  | 39.796  | ng     | 98       |
| 26) 2-Nitrophenol             | 9.922  | 139  | 253787   | 32.619  | ng     | 94       |
| 27) 2,4-Dimethylphenol        | 9.980  | 122  | 727431   | 41.049  | ng     | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.222 | 93   | 1002250  | 38.672  | ng     | 99       |
| 29) 2,4-Dichlorophenol        | 10.457 | 162  | 589514   | 35.112  | ng     | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.675 | 180  | 621201   | 33.796  | ng     | 99       |
| 31) Naphthalene               | 10.863 | 128  | 2346650  | 36.362  | ng     | 100      |
| 32) Benzoic acid              | 10.086 | 122  | 223713   | 23.490  | ng     | 95       |
| 33) 4-Chloroaniline           | 10.969 | 127  | 497522   | 18.295  | ng     | 99       |
| 34) Hexachlorobutadiene       | 11.151 | 225  | 306127   | 29.672  | ng     | 98       |
| 35) Caprolactam               | 11.751 | 113  | 209685   | 44.228  | ng     | 88       |
| 36) 4-Chloro-3-methylphenol   | 12.092 | 107  | 709251   | 40.870  | ng     | 99       |
| 37) 2-Methylnaphthalene       | 12.469 | 142  | 1670884  | 38.843  | ng     | 99       |
| 38) 1-Methylnaphthalene       | 12.686 | 142  | 1566615  | 38.906  | ng     | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.833 | 216  | 691586   | 31.289  | ng     | 98       |
| 41) Hexachlorocyclopentadiene | 12.816 | 237  | 790154   | 69.103  | ng     | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.068 | 196  | 458400   | 34.168  | ng     | 98       |

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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

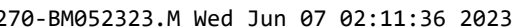
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 BNA\_M  
 ClientSampleId :  
 TP-14-0AMS

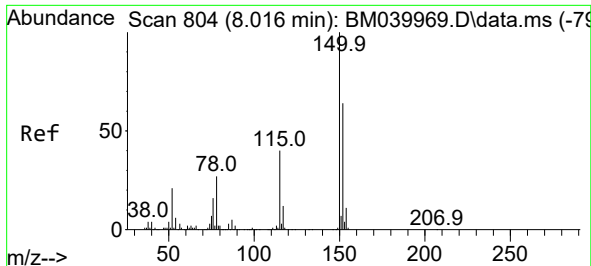
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 06 16:45:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.139 | 196  | 499883   | 31.304 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.474 | 154  | 2239119  | 37.424 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.515 | 162  | 1680547  | 37.629 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.715 | 65   | 500651   | 41.781 | ng    | 96       |
| 49) Acenaphthylene            | 14.357 | 152  | 2782689  | 39.800 | ng    | 99       |
| 50) Dimethylphthalate         | 14.092 | 163  | 2124520  | 40.328 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.210 | 165  | 438996   | 43.560 | ng    | 99       |
| 52) Acenaphthene              | 14.698 | 154  | 1692894  | 37.058 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.539 | 138  | 361020   | 30.282 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.739 | 184  | 279643   | 52.889 | ng    | 99       |
| 55) Dibenzofuran              | 15.033 | 168  | 2650629  | 39.305 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.839 | 139  | 625354   | 67.809 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.992 | 165  | 615304   | 42.841 | ng    | 97       |
| 58) Fluorene                  | 15.680 | 166  | 2269658  | 40.486 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.257 | 232  | 440125   | 37.062 | ng    | 95       |
| 60) Diethylphthalate          | 15.451 | 149  | 2211001  | 42.460 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.674 | 204  | 1026091  | 37.411 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.704 | 138  | 605403   | 48.759 | ng    | 92       |
| 63) Azobenzene                | 15.968 | 77   | 2158714  | 41.581 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.751 | 198  | 215543   | 30.373 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.886 | 169  | 1910147  | 38.252 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.568 | 248  | 564749   | 35.199 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.680 | 284  | 687329   | 37.486 | ng    | 99       |
| 69) Atrazine                  | 16.839 | 200  | 616774   | 49.656 | ng    | 99       |
| 70) Pentachlorophenol         | 17.027 | 266  | 820333   | 68.153 | ng    | 97       |
| 71) Phenanthrene              | 17.421 | 178  | 3436698  | 39.568 | ng    | 100      |
| 72) Anthracene                | 17.509 | 178  | 3501095  | 40.684 | ng    | 100      |
| 73) Carbazole                 | 17.780 | 167  | 3434750  | 44.178 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.339 | 149  | 3805780  | 39.029 | ng    | 100      |
| 75) Fluoranthene              | 19.433 | 202  | 3656034  | 42.234 | ng    | 100      |
| 77) Benzidine                 | 19.615 | 184  | 1554649  | 66.152 | ng    | 99       |
| 78) Pyrene                    | 19.792 | 202  | 3957236  | 35.635 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.686 | 149  | 1710885  | 38.524 | ng    | 93       |
| 81) Benzo(a)anthracene        | 21.538 | 228  | 4152805  | 38.763 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.468 | 252  | 1050314  | 32.819 | ng    | 98       |
| 83) Chrysene                  | 21.591 | 228  | 3954147  | 38.467 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.462 | 149  | 2635703  | 37.104 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.397 | 149  | 4452604  | 40.972 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.538 | 276  | 3844203  | 33.956 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.250 | 252  | 3869704  | 42.457 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.297 | 252  | 3988250  | 40.017 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.885 | 252  | 3175335  | 36.327 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.556 | 278  | 3341366  | 34.187 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.320 | 276  | 2786230  | 32.254 | ng    | 99       |

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

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QLast Update : Tue Jun 06 16:45:42 2023  
Response via : Initial Calibration

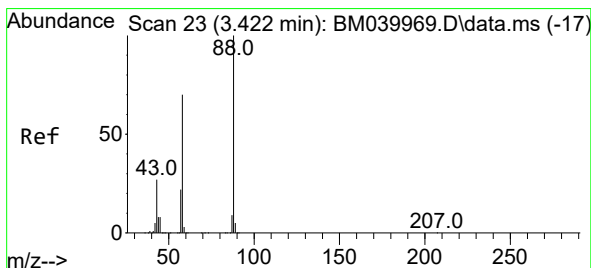
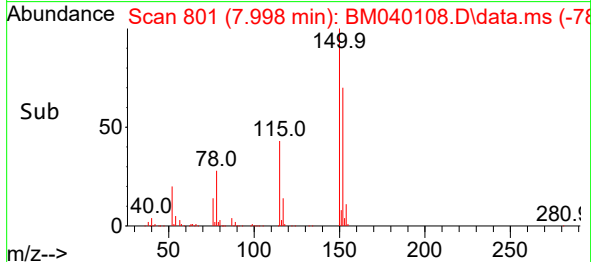
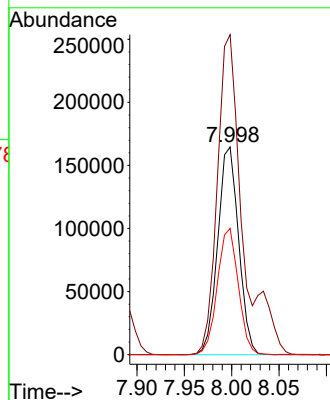
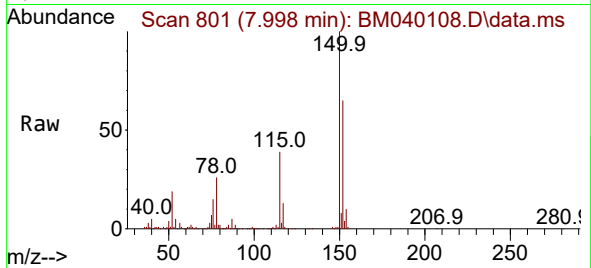




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.998 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

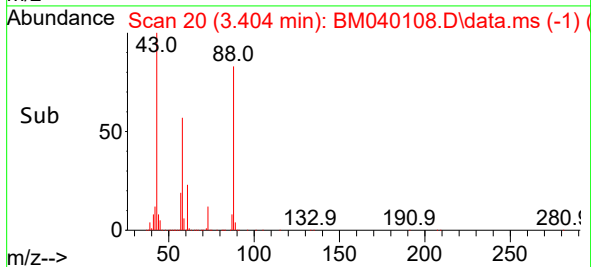
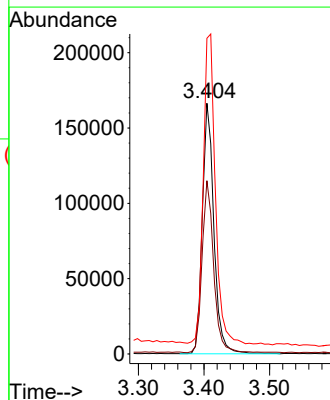
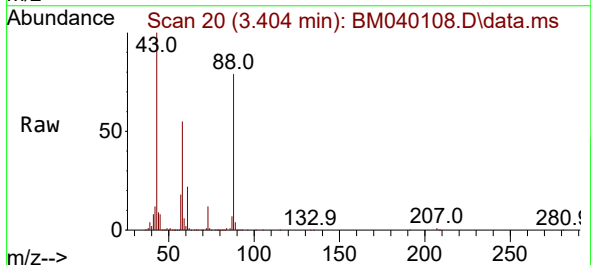
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

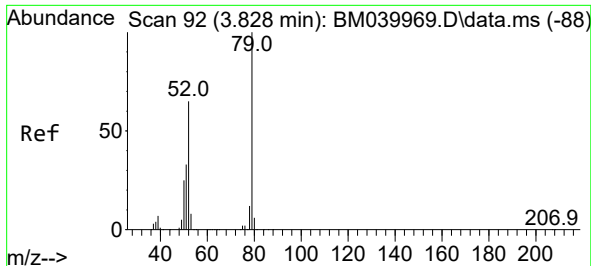
Tgt Ion:152 Resp: 253315  
Ion Ratio Lower Upper  
152 100  
150 154.1 125.5 188.3  
115 60.8 50.2 75.2



#2  
1,4-Dioxane  
Concen: 30.644 ng  
RT: 3.404 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion: 88 Resp: 204369  
Ion Ratio Lower Upper  
88 100  
58 68.8 56.1 84.1  
43 128.7 22.0 33.0#

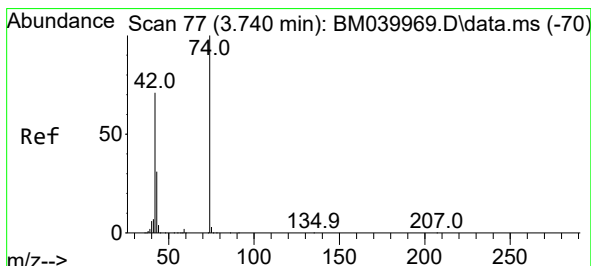
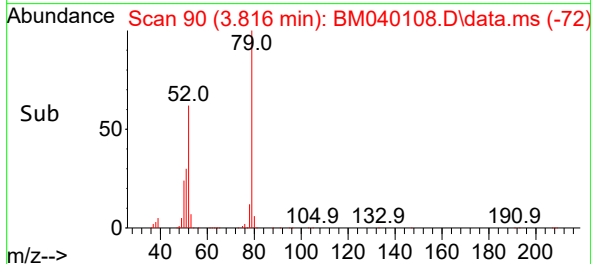
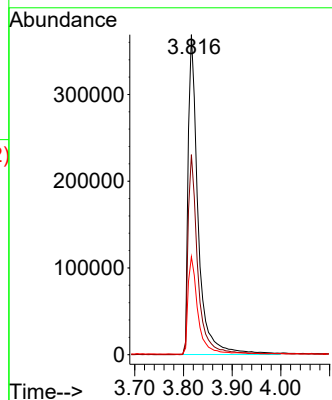
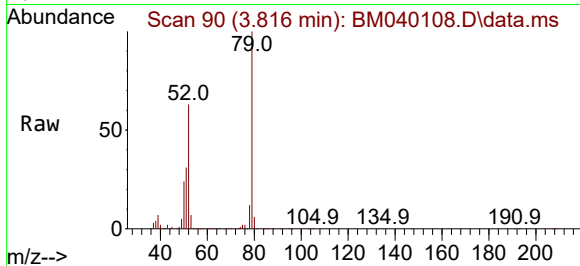




#3  
 Pyridine  
 Concen: 28.554 ng  
 RT: 3.816 min Scan# 90  
 Delta R.T. 0.005 min  
 Lab File: BM040108.D  
 Acq: 06 Jun 2023 17:44

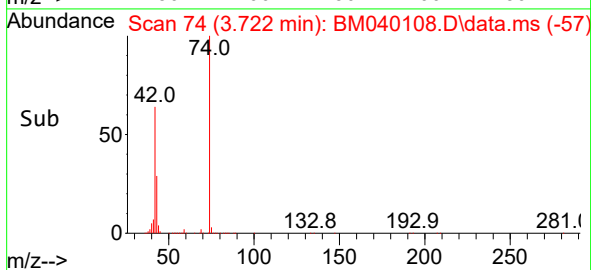
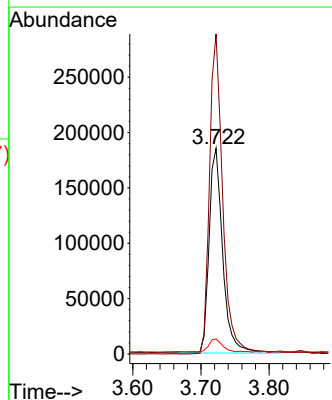
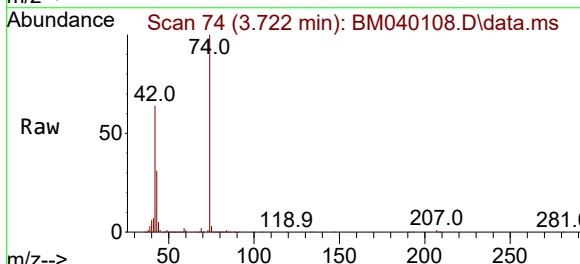
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 ClientSampleId :  
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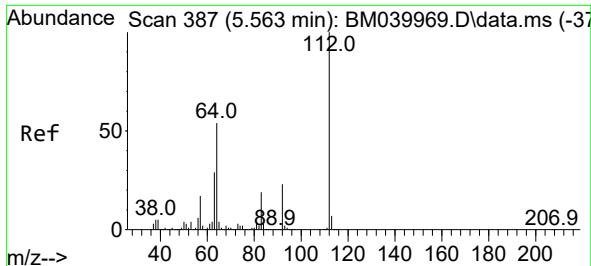
Tgt Ion: 79 Resp: 522826  
 Ion Ratio Lower Upper  
 79 100  
 52 62.5 52.0 78.0  
 51 30.6 26.5 39.7



#4  
 n-Nitrosodimethylamine  
 Concen: 33.042 ng  
 RT: 3.722 min Scan# 74  
 Delta R.T. -0.000 min  
 Lab File: BM040108.D  
 Acq: 06 Jun 2023 17:44

Tgt Ion: 42 Resp: 257028  
 Ion Ratio Lower Upper  
 42 100  
 74 155.7 113.4 170.0  
 44 7.3 5.4 8.2

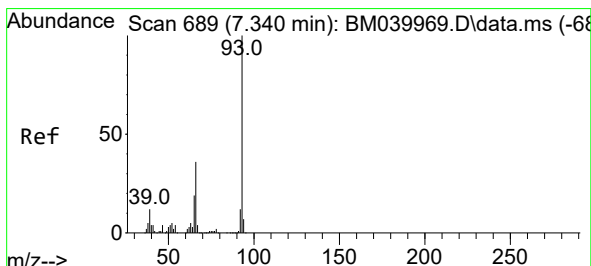
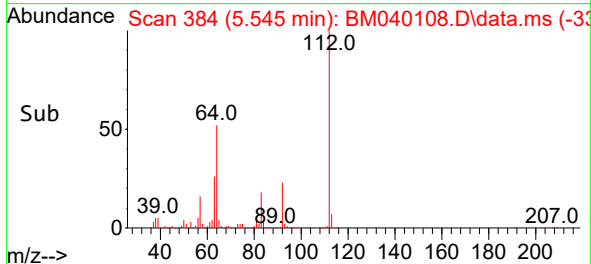
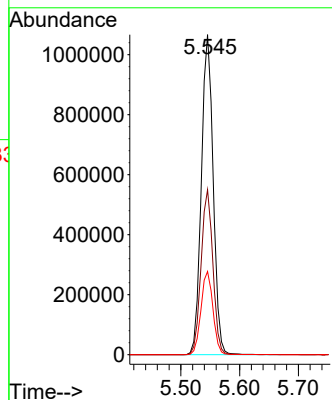
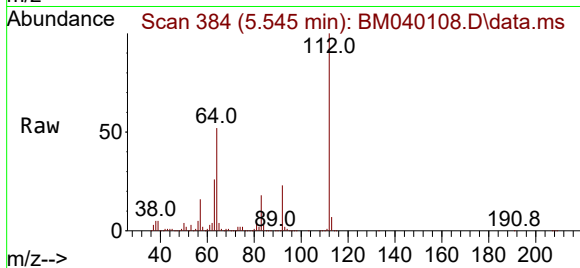




#5  
2-Fluorophenol  
Concen: 90.319 ng  
RT: 5.545 min Scan# 384  
Delta R.T. 0.005 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

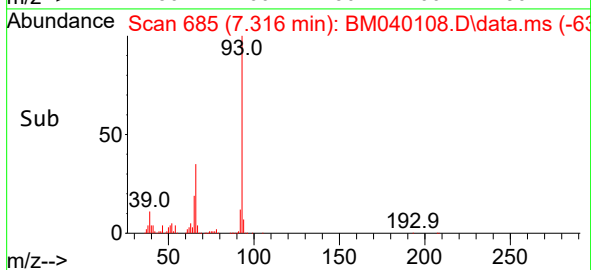
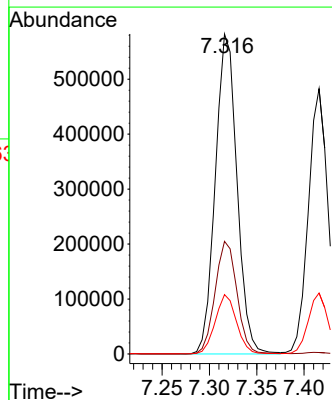
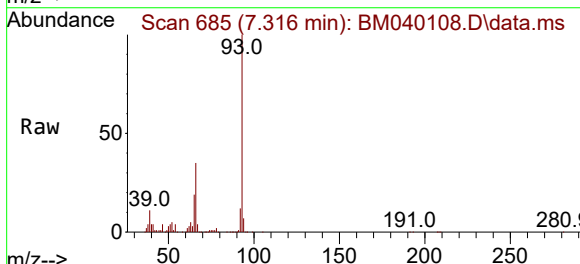
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ClientSampleId :  
TP-14-0AMS

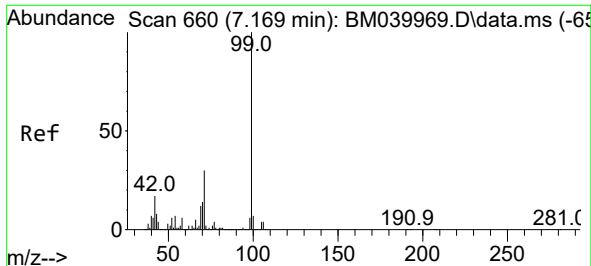
Tgt Ion:112 Resp: 1491529  
Ion Ratio Lower Upper  
112 100  
64 51.6 43.0 64.4  
63 26.0 22.9 34.3



#6  
Aniline  
Concen: 34.793 ng  
RT: 7.316 min Scan# 685  
Delta R.T. -0.006 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion: 93 Resp: 927436  
Ion Ratio Lower Upper  
93 100  
66 35.2 29.2 43.8  
65 18.5 15.3 22.9

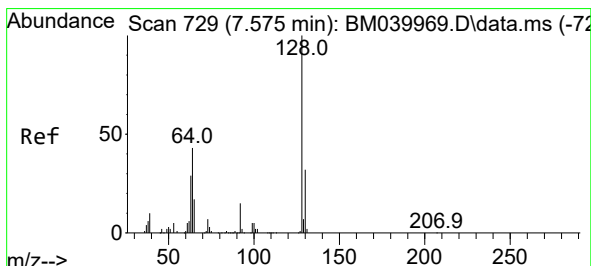
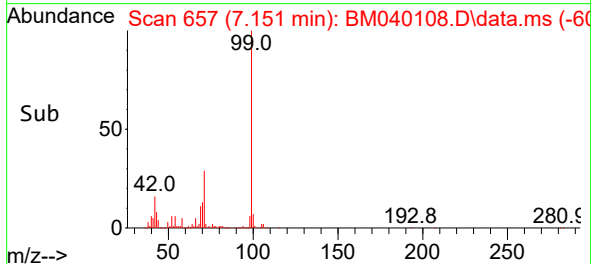
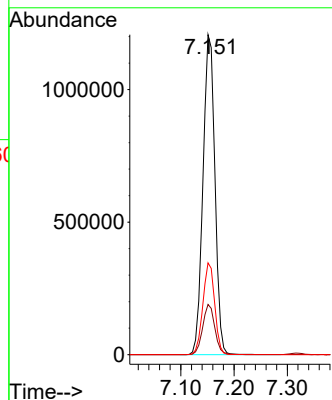
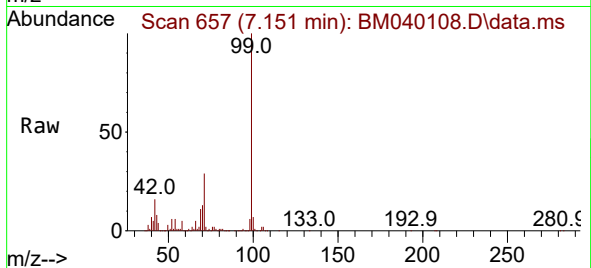




#7  
Phenol-d6  
Concen: 87.082 ng  
RT: 7.151 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

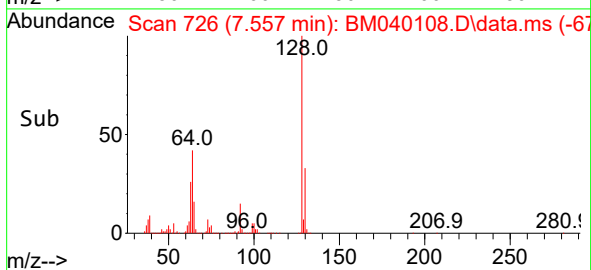
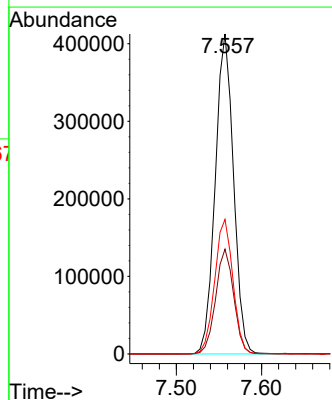
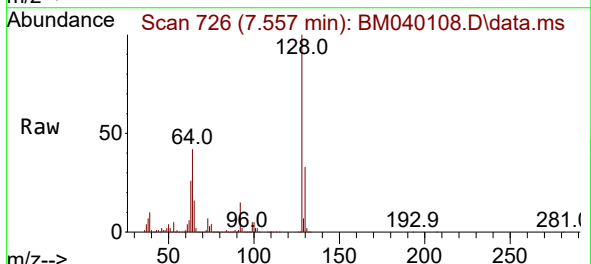
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BNA\_M  
ClientSampleId :  
TP-14-0AMS

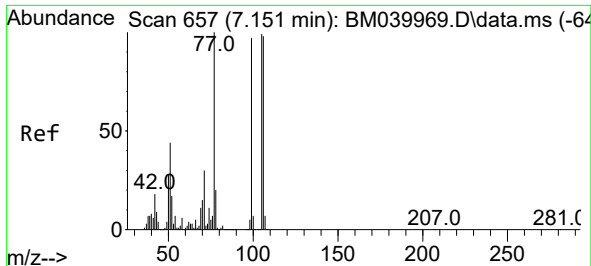
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Ion Ratio Lower Upper  
99 100  
42 15.7 13.8 20.6  
71 28.7 24.4 36.6



#8  
2-Chlorophenol  
Concen: 35.378 ng  
RT: 7.557 min Scan# 726  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:128 Resp: 614980  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.4 52.4  
64 42.1 25.5 65.5

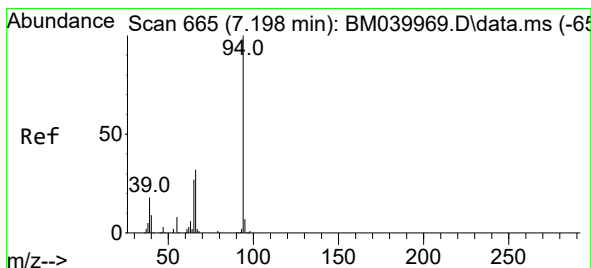
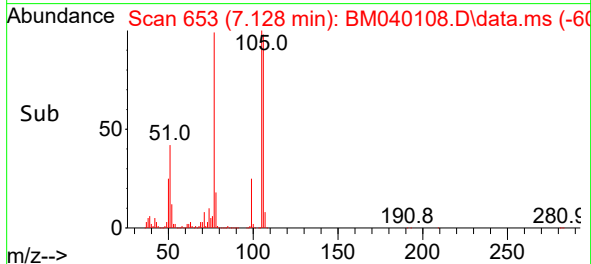
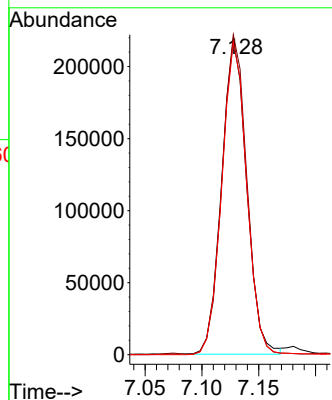
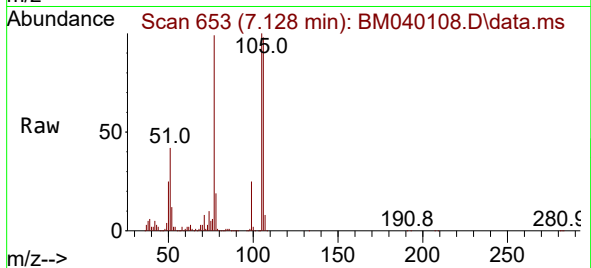




#9  
Benzaldehyde  
Concen: 32.121 ng  
RT: 7.128 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

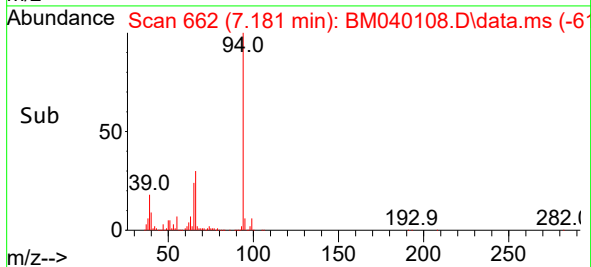
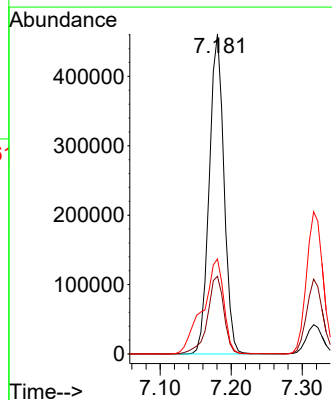
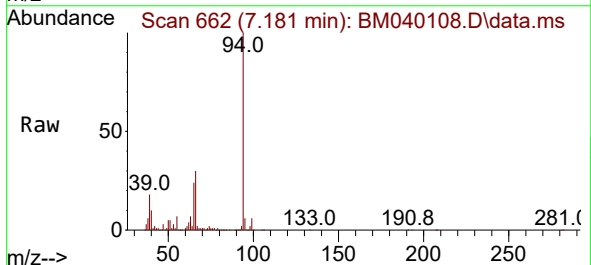
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

Tgt Ion: 77 Resp: 334501  
Ion Ratio Lower Upper  
77 100  
105 101.1 79.2 119.2  
106 98.8 77.6 117.6

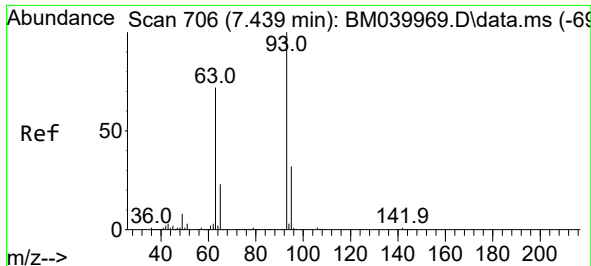


#10  
Phenol  
Concen: 30.795 ng  
RT: 7.181 min Scan# 662  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion: 94 Resp: 664967  
Ion Ratio Lower Upper  
94 100  
65 24.3 6.7 46.7  
66 29.7 12.4 52.4



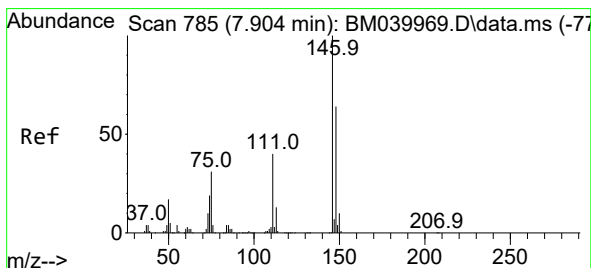
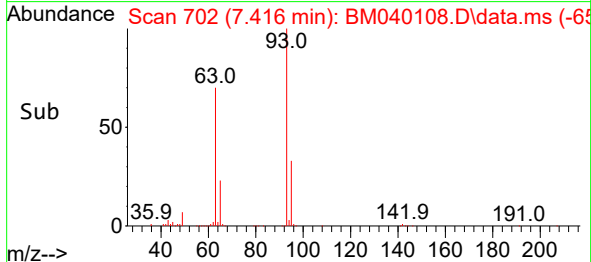
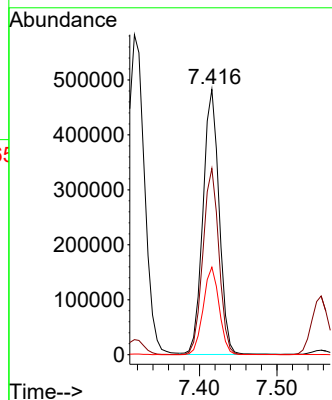
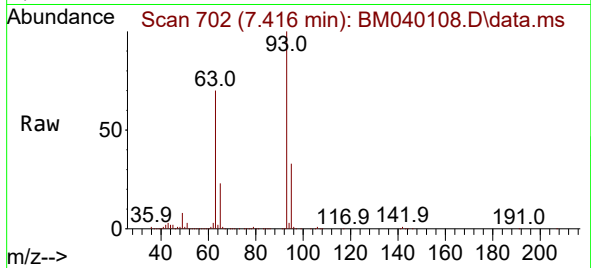




#11  
bis(2-Chloroethyl)ether  
Concen: 39.212 ng  
RT: 7.416 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

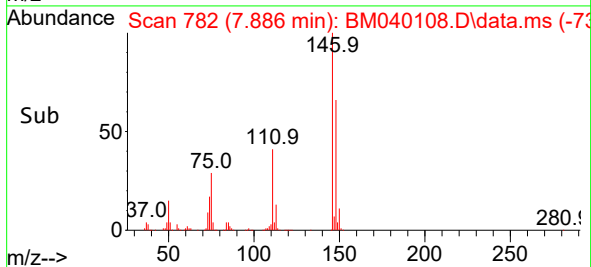
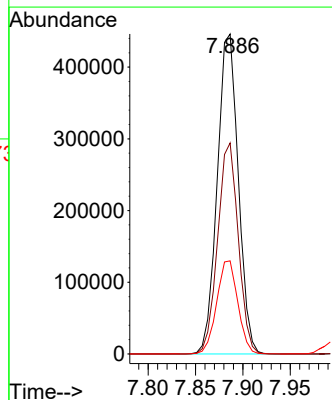
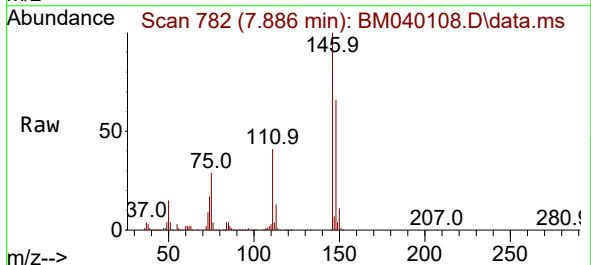
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

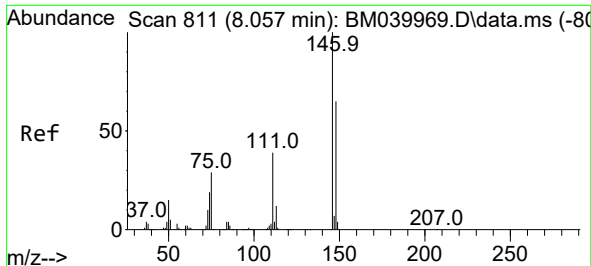
Tgt Ion: 93 Resp: 697403  
Ion Ratio Lower Upper  
93 100  
63 70.2 52.0 92.0  
95 33.0 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 37.427 ng  
RT: 7.886 min Scan# 782  
Delta R.T. 0.005 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion: 146 Resp: 688945  
Ion Ratio Lower Upper  
146 100  
148 66.0 51.4 77.0  
75 29.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 38.044 ng

RT: 8.034 min Scan# 807

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

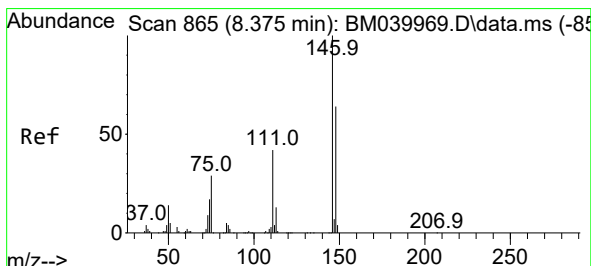
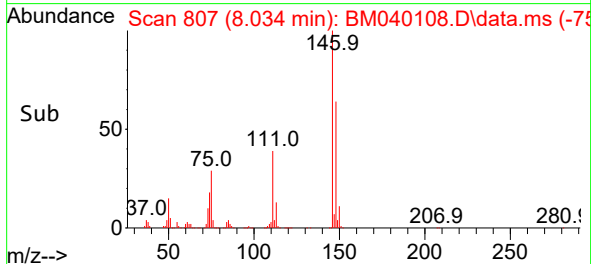
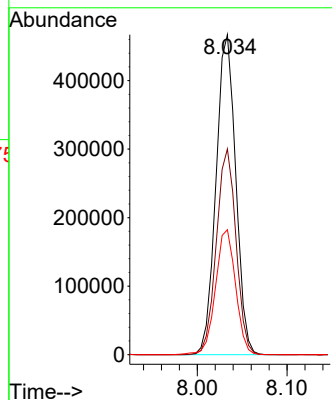
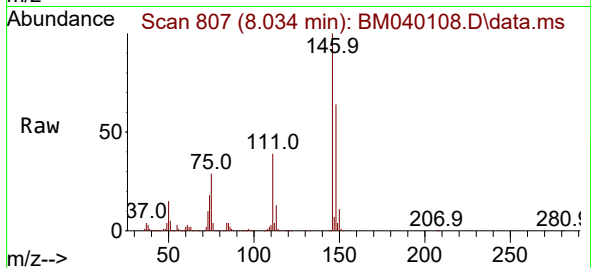
Tgt Ion:146 Resp: 712529

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

111 39.0 31.4 47.0



#14

1,2-Dichlorobenzene

Concen: 38.056 ng

RT: 8.351 min Scan# 861

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

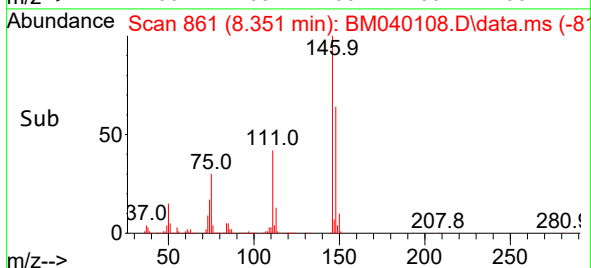
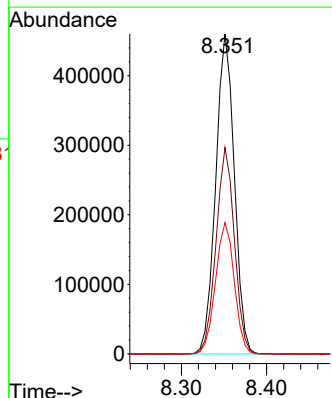
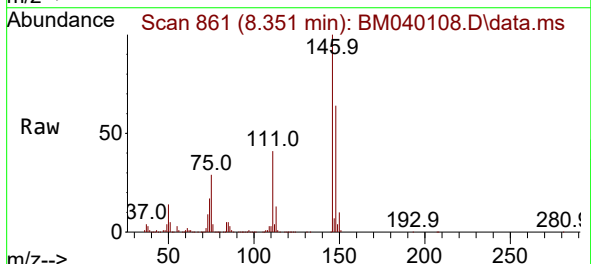
Tgt Ion:146 Resp: 698909

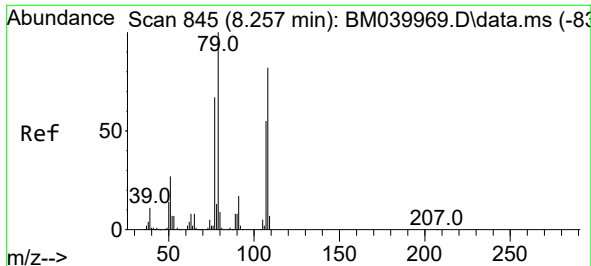
Ion Ratio Lower Upper

146 100

148 64.5 51.2 76.8

111 41.1 33.5 50.3

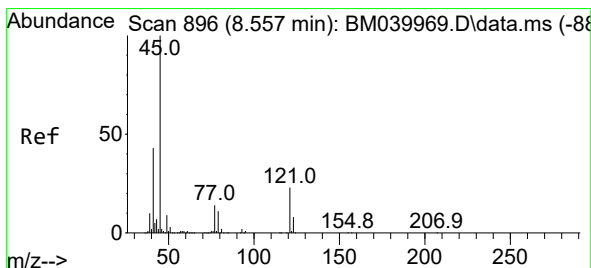
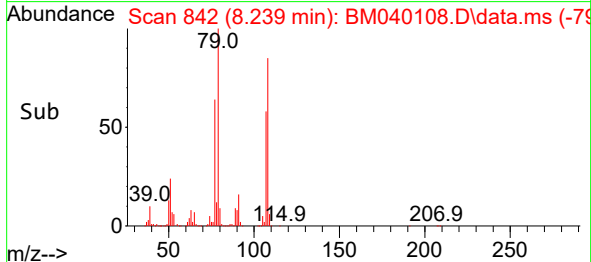
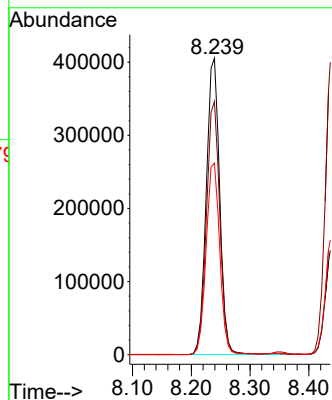
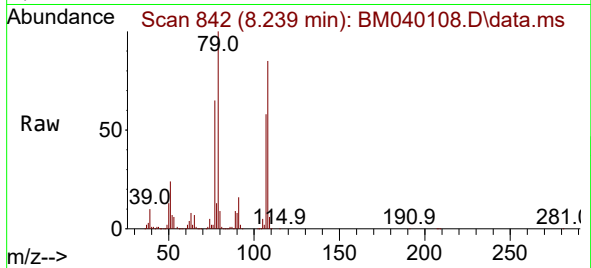




#15  
Benzyl Alcohol  
Concen: 46.157 ng  
RT: 8.239 min Scan# 845  
Delta R.T. 0.005 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

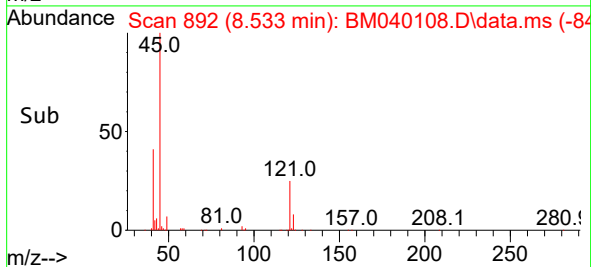
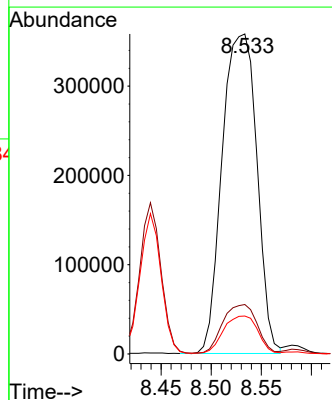
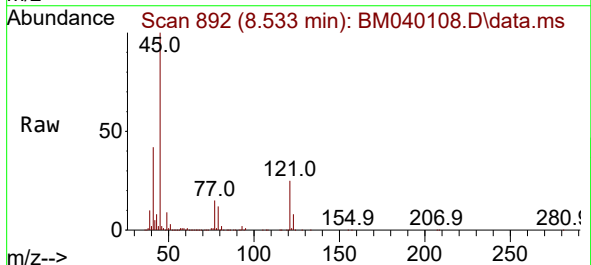
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

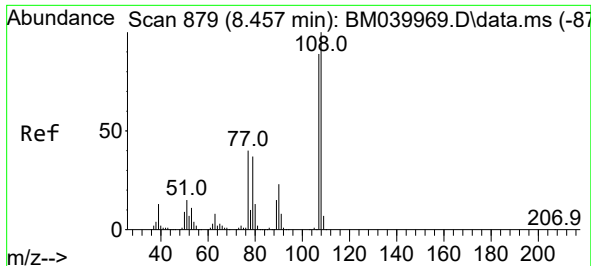
Tgt Ion: 79 Resp: 640947  
Ion Ratio Lower Upper  
79 100  
108 85.4 65.4 98.2  
77 64.6 53.6 80.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.751 ng  
RT: 8.533 min Scan# 892  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion: 45 Resp: 861301  
Ion Ratio Lower Upper  
45 100  
77 15.4 0.0 34.7  
79 11.9 0.0 31.3

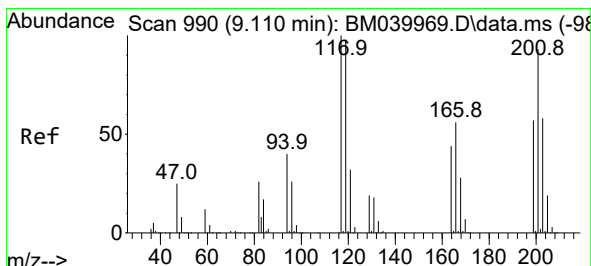
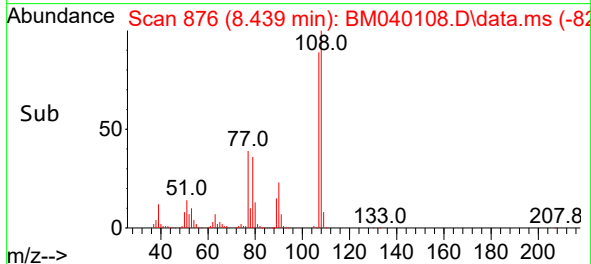
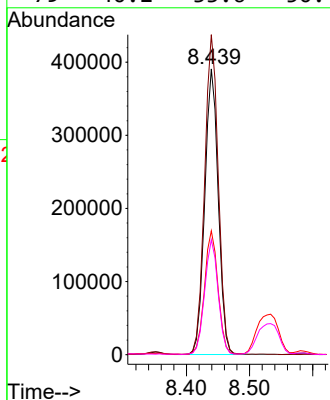
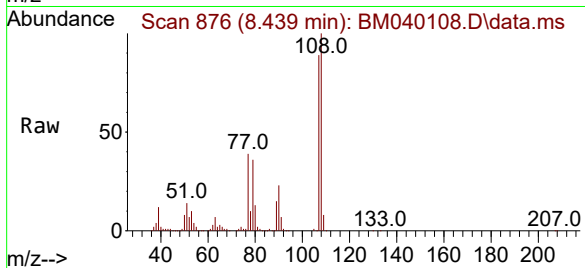




#17  
2-Methylphenol  
Concen: 37.637 ng  
RT: 8.439 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

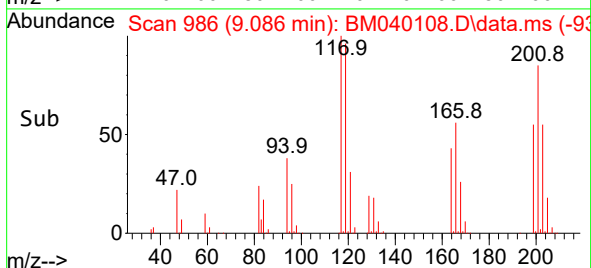
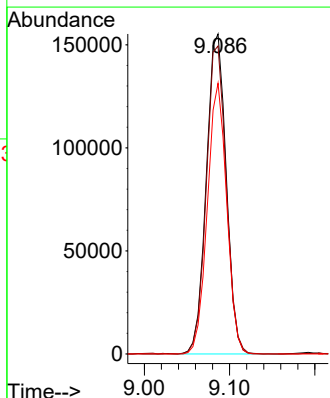
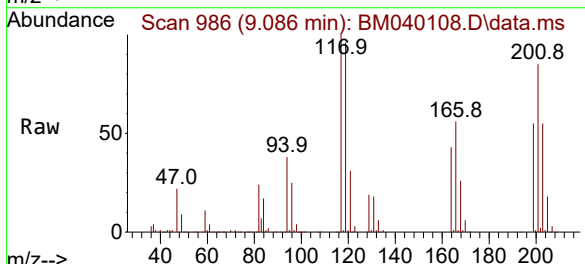
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

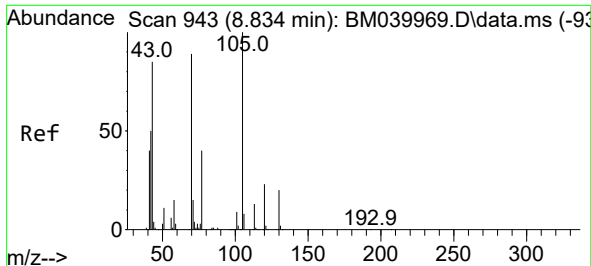
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 581456 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.0 | 89.8  | 134.8  |
| 77        | 43.4  | 35.6  | 53.4   |
| 79        | 40.2  | 33.6  | 50.4   |



#18  
Hexachloroethane  
Concen: 37.054 ng  
RT: 9.086 min Scan# 986  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 251597 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.2  | 78.8  | 118.2  |
| 201       | 84.6  | 74.3  | 111.5  |

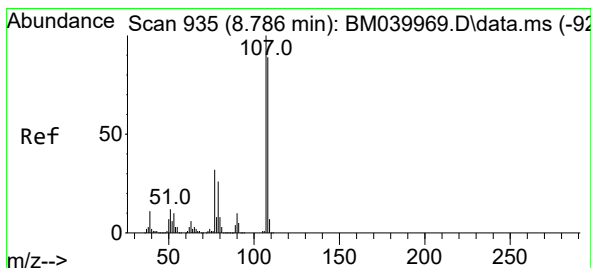
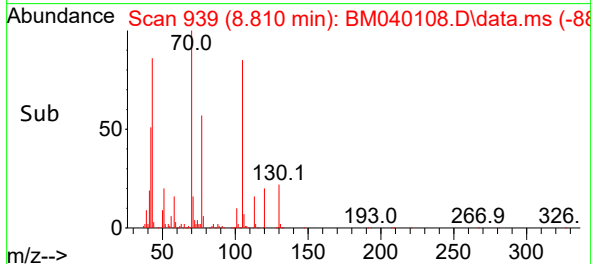
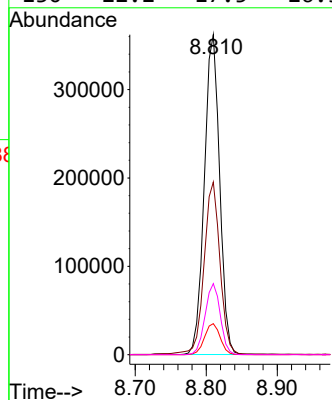
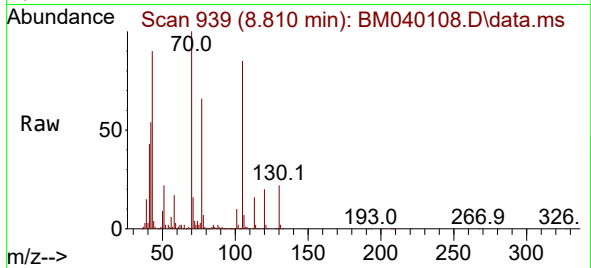




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.558 ng  
RT: 8.810 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

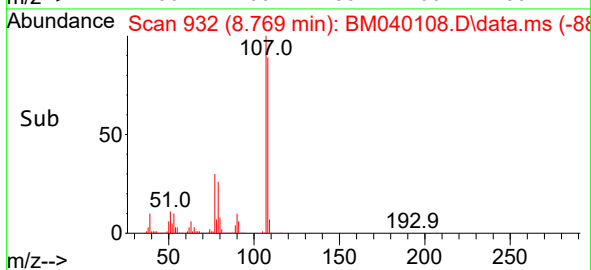
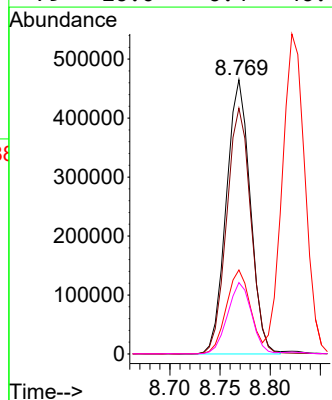
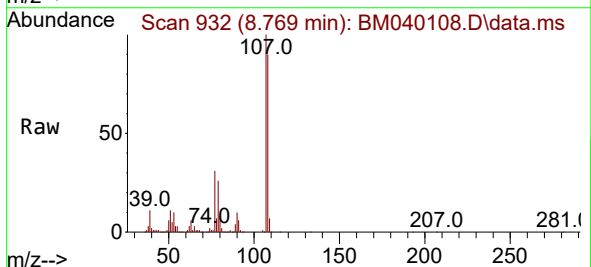
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

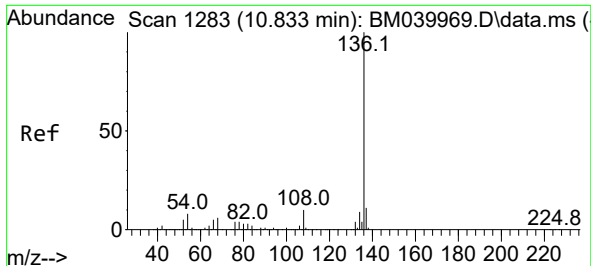
Tgt Ion: 70 Resp: 543475  
Ion Ratio Lower Upper  
70 100  
42 54.0 45.6 68.4  
101 9.7 7.7 11.5  
130 22.2 17.5 26.3



#20  
3+4-Methylphenols  
Concen: 37.900 ng  
RT: 8.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion: 107 Resp: 772648  
Ion Ratio Lower Upper  
107 100  
108 89.6 69.3 109.3  
77 30.6 11.7 51.7  
79 26.0 6.4 46.4

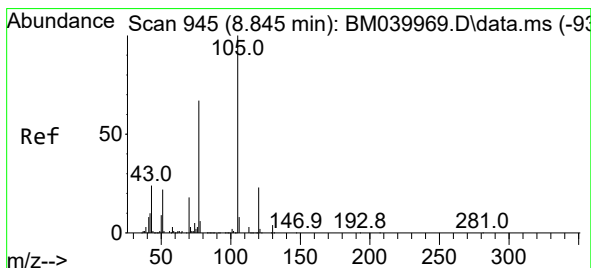
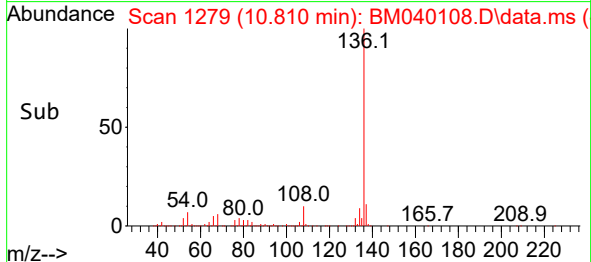
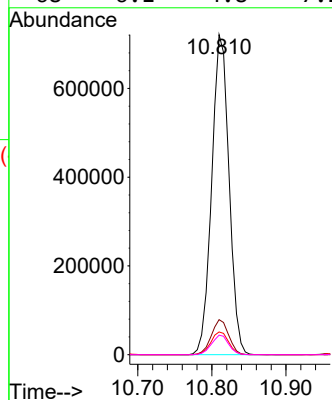
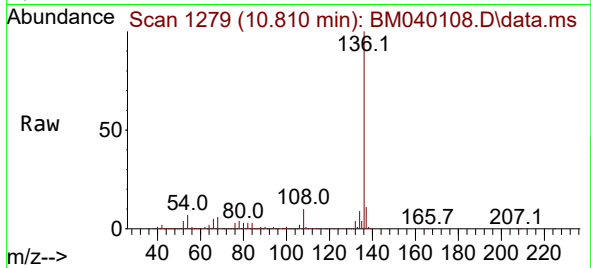




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.810 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

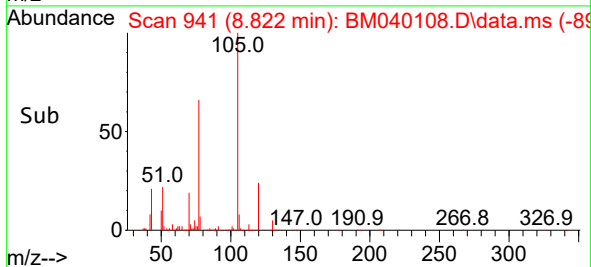
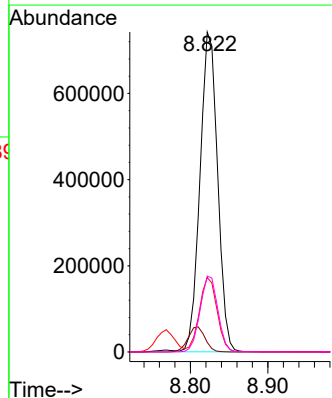
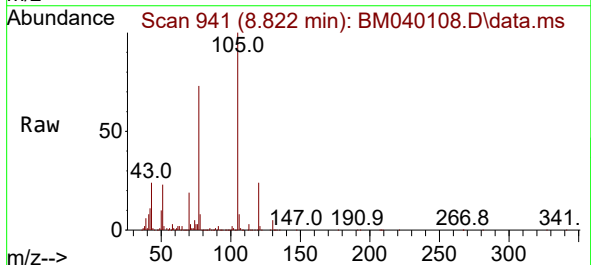
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

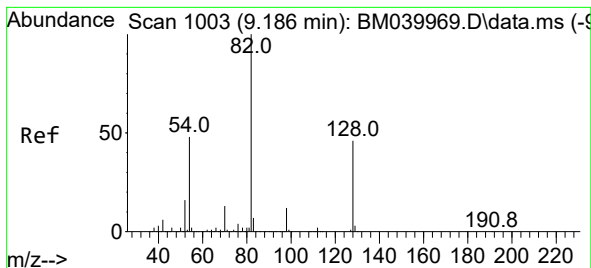
Tgt Ion:136 Resp: 1169648  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 7.1 6.1 9.1  
68 6.1 4.8 7.2



#22  
Acetophenone  
Concen: 37.122 ng  
RT: 8.822 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:105 Resp: 1171932  
Ion Ratio Lower Upper  
105 100  
71 3.0 2.2 3.4  
51 23.2 19.8 29.8  
120 23.7 18.6 28.0





#23

Nitrobenzene-d5

Concen: 72.087 ng

RT: 9.163 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

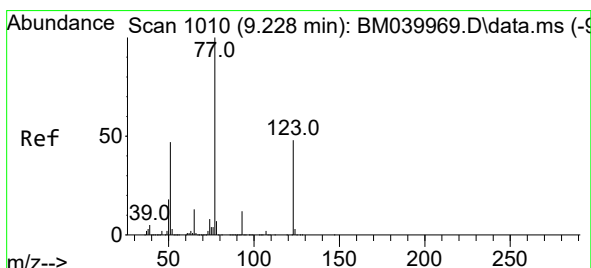
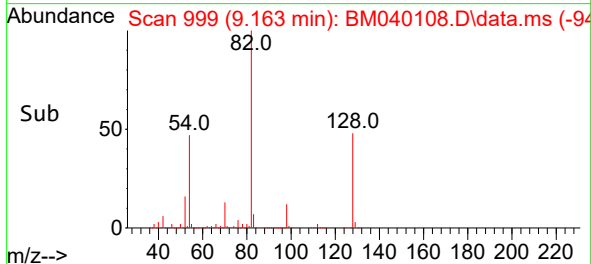
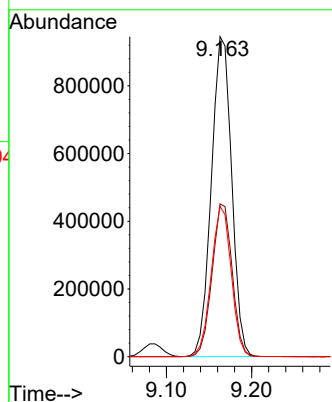
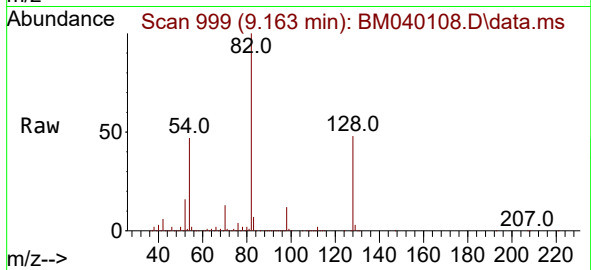
BNA\_M

ClientSampleId :

TP-14-0AMS

Tgt Ion: 82 Resp: 1562574

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.8  | 36.5  | 54.7  |
| 54  | 46.9  | 38.3  | 57.5  |



#24

Nitrobenzene

Concen: 36.087 ng

RT: 9.210 min Scan# 1007

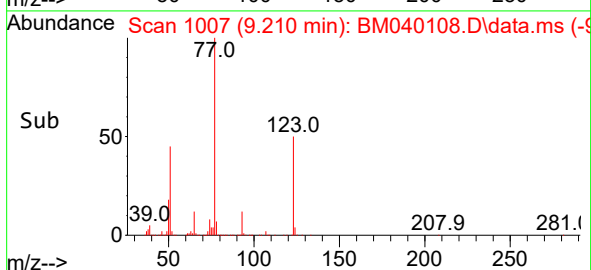
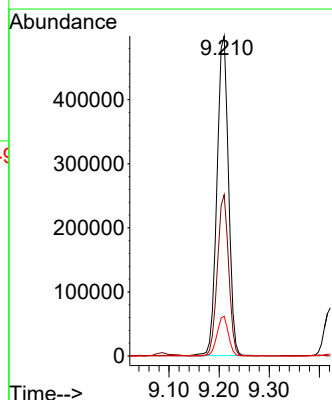
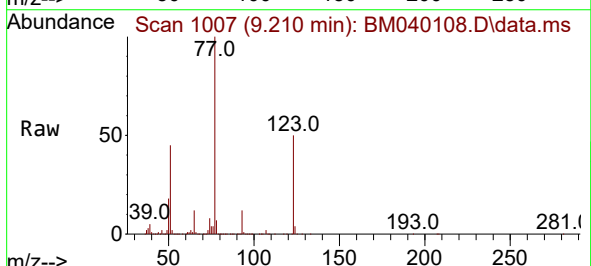
Delta R.T. -0.000 min

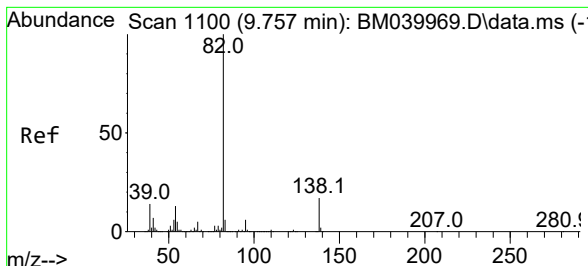
Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Tgt Ion: 77 Resp: 793462

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 50.4  | 38.1  | 57.1  |
| 65  | 12.4  | 10.1  | 15.1  |





#25

Isophorone

Concen: 39.796 ng

RT: 9.733 min Scan# 1096

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

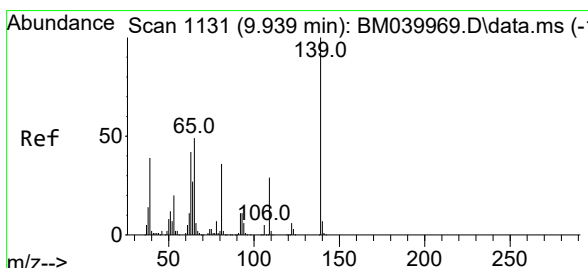
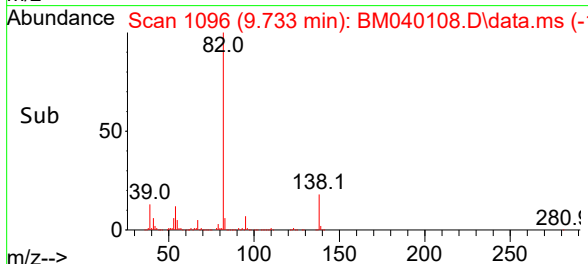
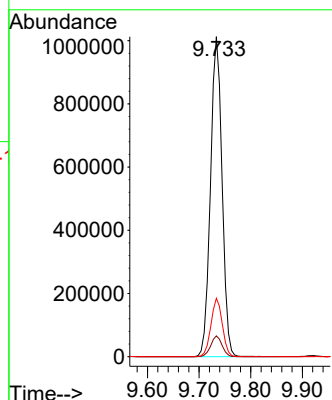
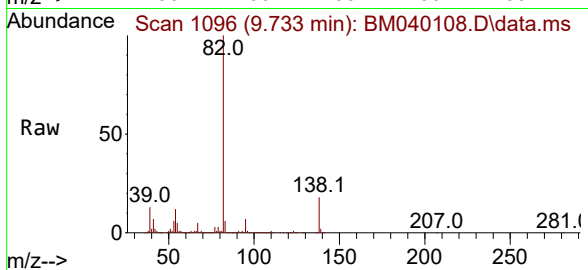
Tgt Ion: 82 Resp: 1573117

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.2 13.8 20.8



#26

2-Nitrophenol

Concen: 32.619 ng

RT: 9.922 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

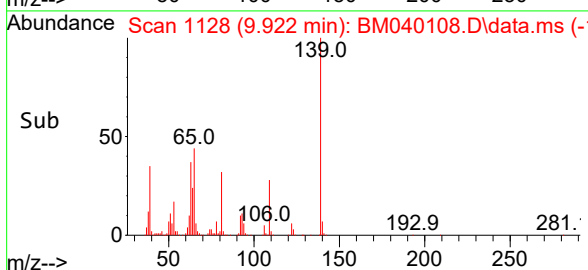
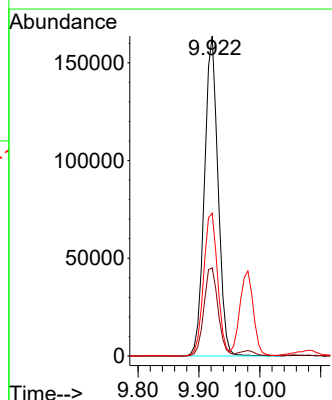
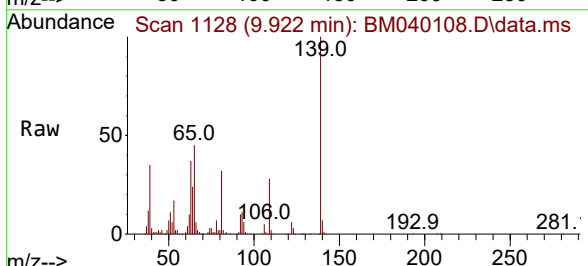
Tgt Ion: 139 Resp: 253787

Ion Ratio Lower Upper

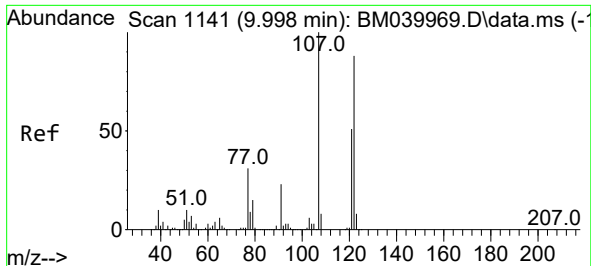
139 100

109 27.6 23.4 35.2

65 44.6 39.4 59.2



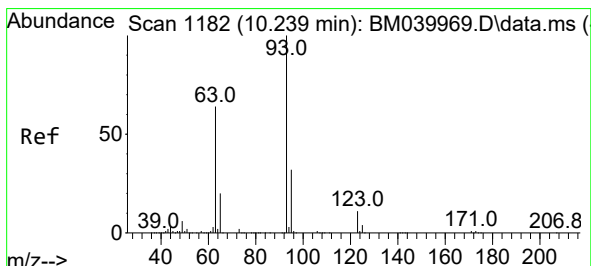
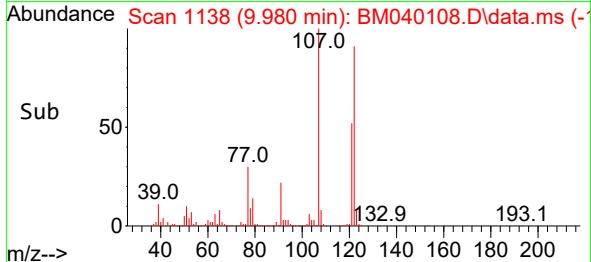
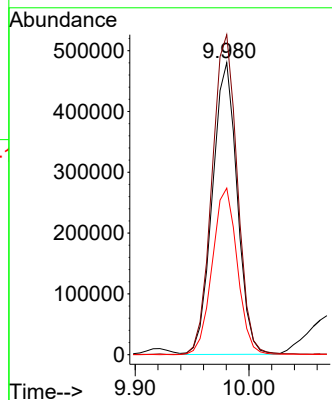
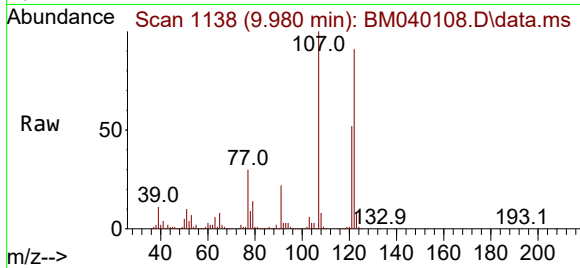




#27  
2,4-Dimethylphenol  
Concen: 41.049 ng  
RT: 9.980 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

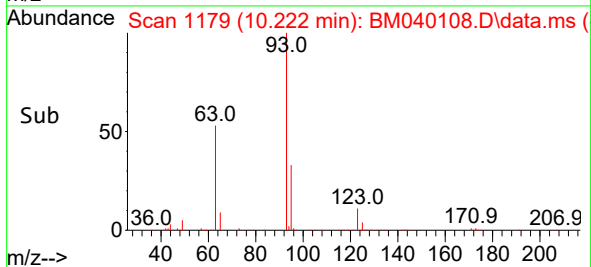
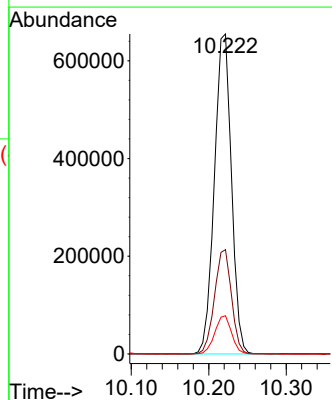
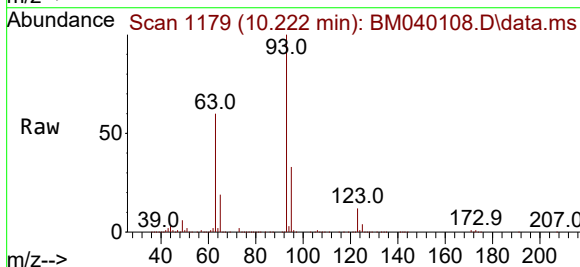
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

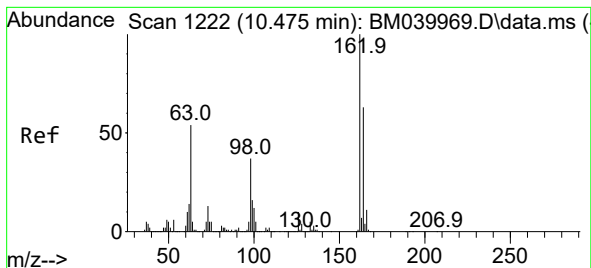
Tgt Ion:122 Resp: 727431  
Ion Ratio Lower Upper  
122 100  
107 109.6 91.0 136.4  
121 57.0 45.9 68.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.672 ng  
RT: 10.222 min Scan# 1179  
Delta R.T. 0.005 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion: 93 Resp: 1002250  
Ion Ratio Lower Upper  
93 100  
95 32.6 25.7 38.5  
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 35.112 ng

RT: 10.457 min Scan# 1

Delta R.T. 0.005 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

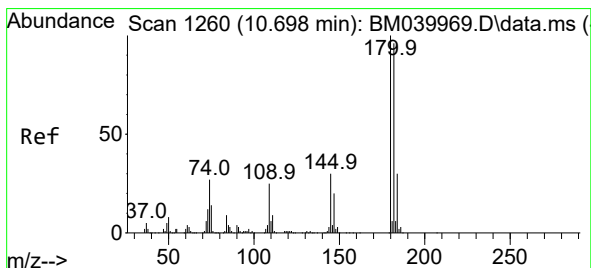
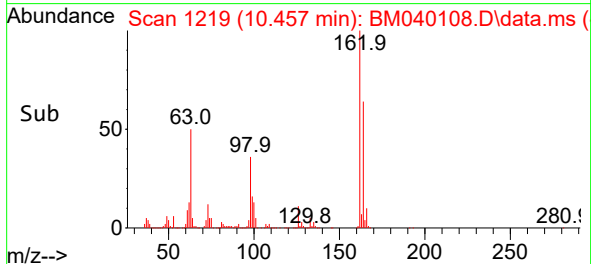
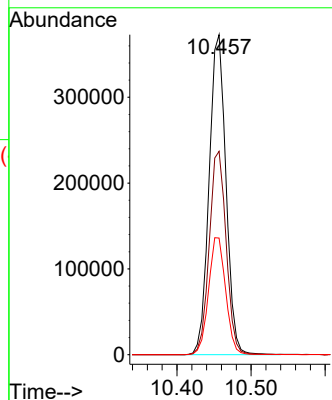
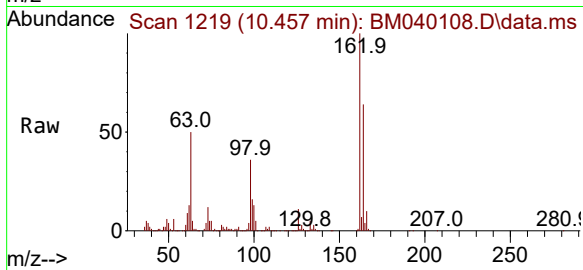
Tgt Ion:162 Resp: 589514

Ion Ratio Lower Upper

162 100

164 63.6 43.3 83.3

98 36.4 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 33.796 ng

RT: 10.675 min Scan# 1256

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

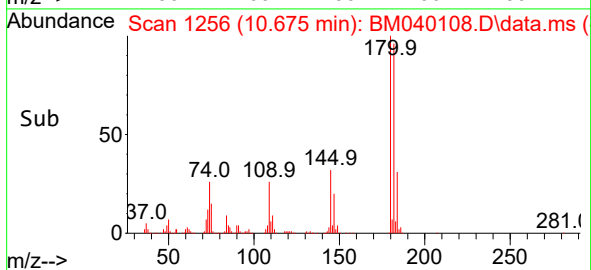
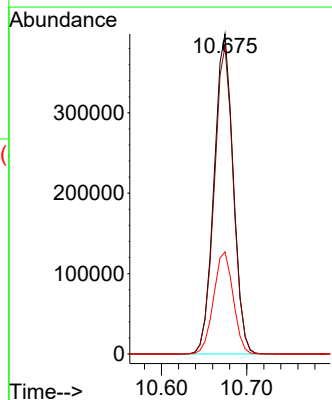
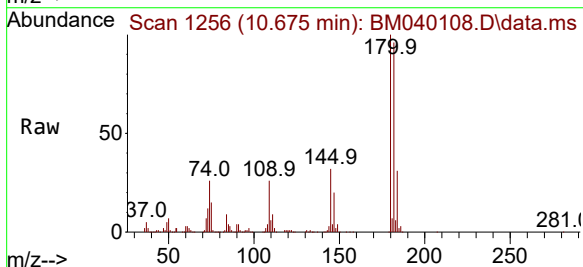
Tgt Ion:180 Resp: 621201

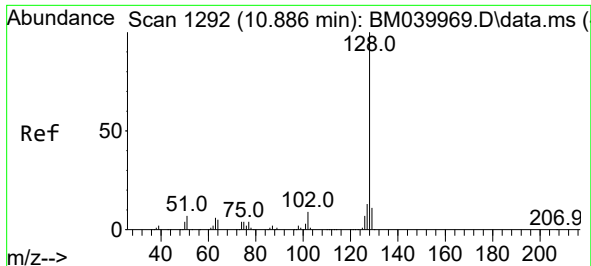
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

145 31.9 24.1 36.1

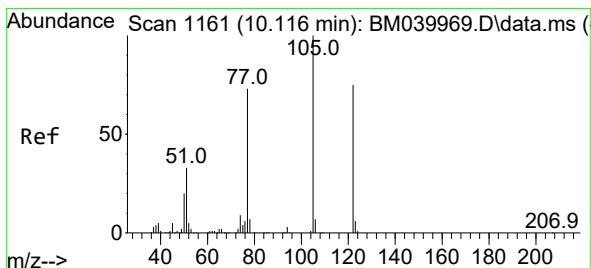
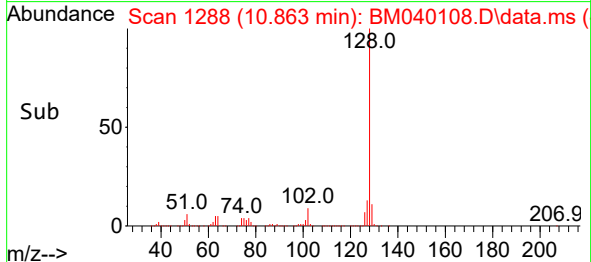
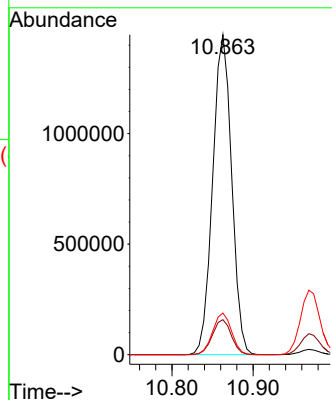
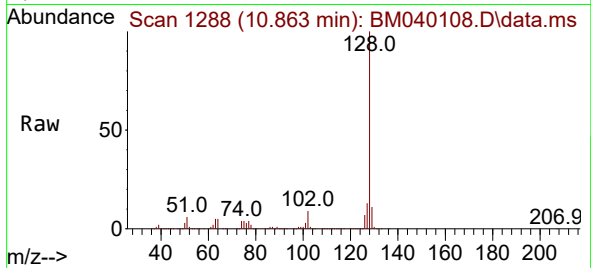




#31  
Naphthalene  
Concen: 36.362 ng  
RT: 10.863 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

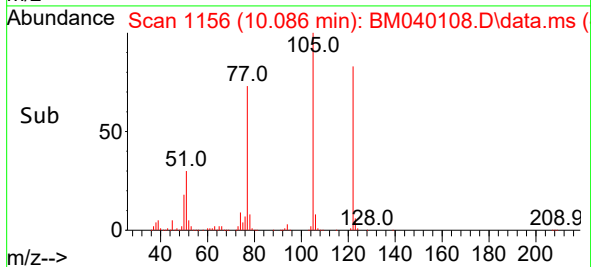
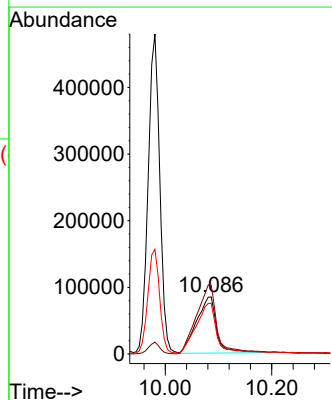
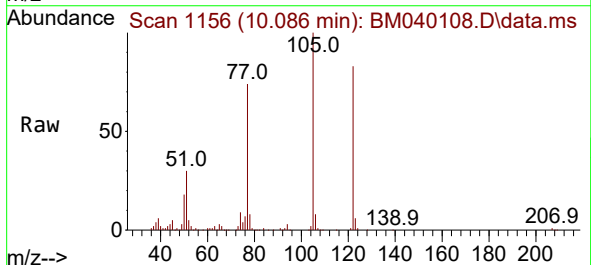
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

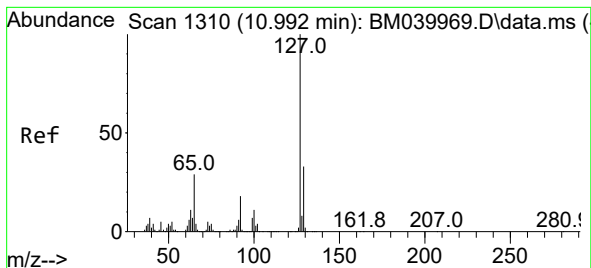
Tgt Ion:128 Resp: 2346650  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.0 10.4 15.6



#32  
Benzoic acid  
Concen: 23.490 ng  
RT: 10.086 min Scan# 1156  
Delta R.T. -0.030 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:122 Resp: 223713  
Ion Ratio Lower Upper  
122 100  
105 120.8 106.0 146.0  
77 88.9 74.7 114.7

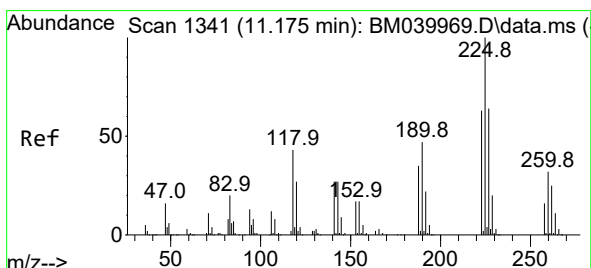
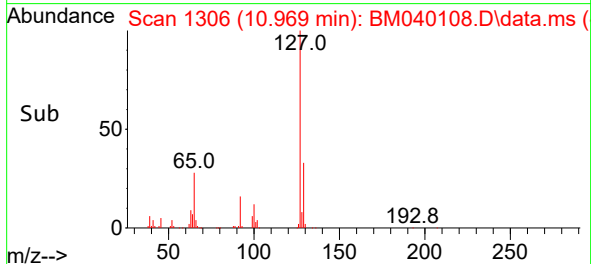
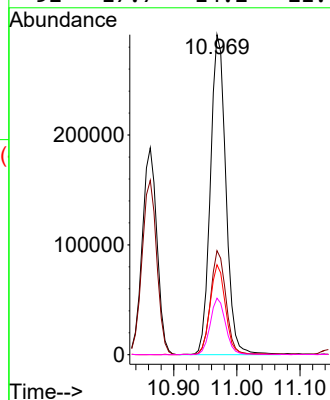
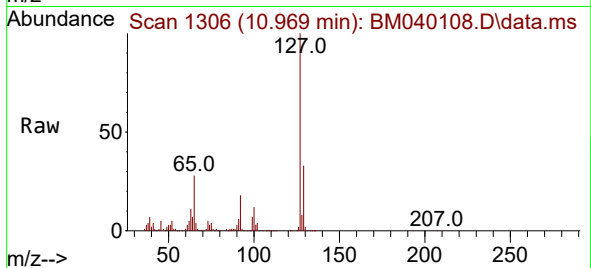




#33  
4-Chloroaniline  
Concen: 18.295 ng  
RT: 10.969 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

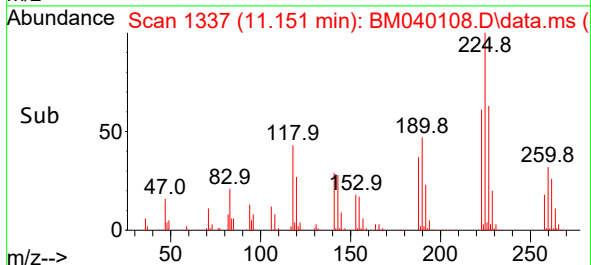
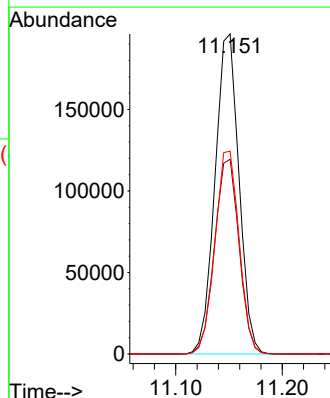
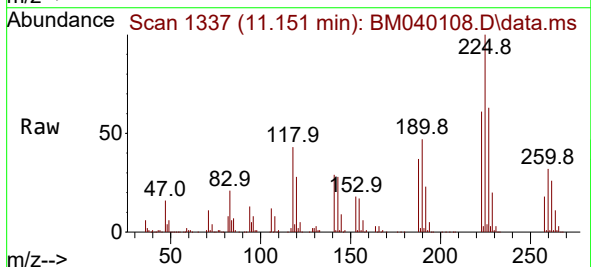
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

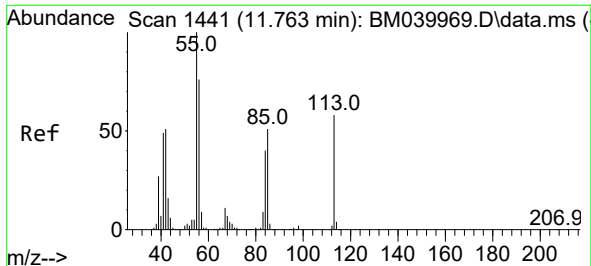
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 497522 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.5    | 26.2 39.2    |
| 65 28.1     | 23.1 34.7    |
| 92 17.7     | 14.2 21.4    |



#34  
Hexachlorobutadiene  
Concen: 29.672 ng  
RT: 11.151 min Scan# 1337  
Delta R.T. 0.005 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 306127 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 60.8    | 50.3 75.5    |
| 227 63.4    | 51.0 76.4    |

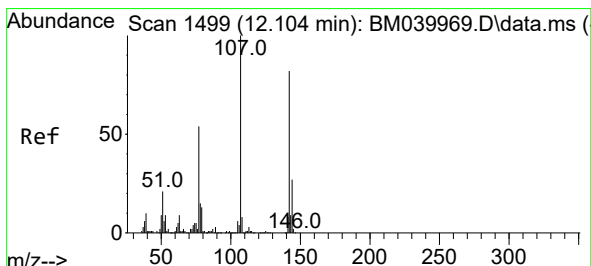
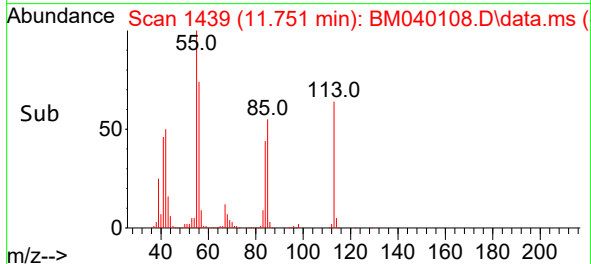
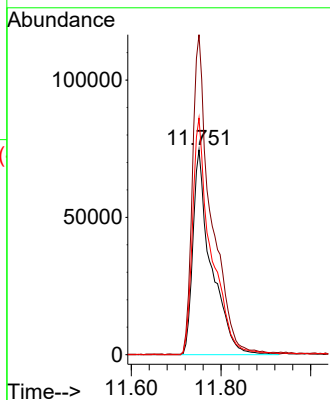
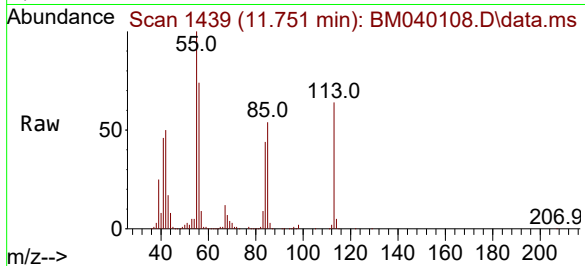




#35  
 Caprolactam  
 Concen: 44.228 ng  
 RT: 11.751 min Scan# 1441  
 Delta R.T. -0.006 min  
 Lab File: BM040108.D  
 Acq: 06 Jun 2023 17:44

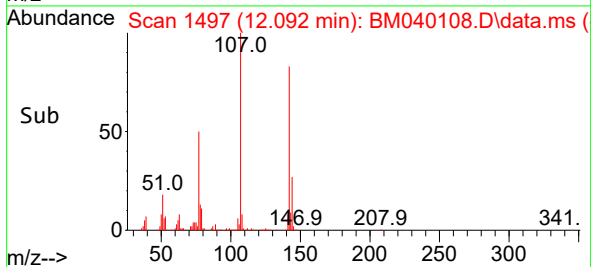
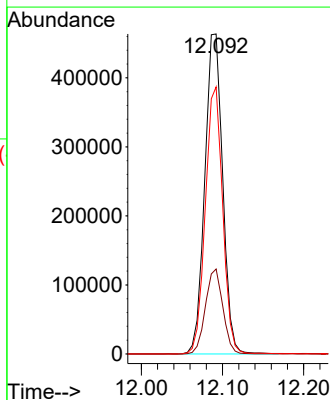
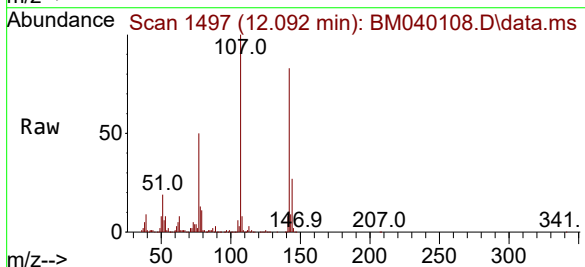
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 ClientSampleId :  
 TP-14-0AMS

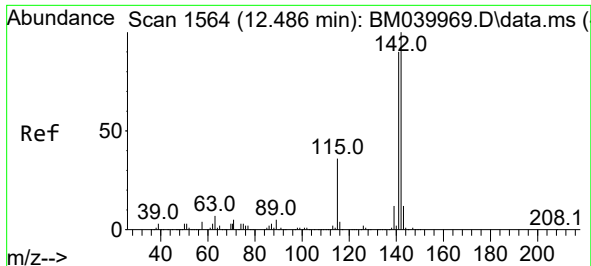
Tgt Ion:113 Resp: 209685  
 Ion Ratio Lower Upper  
 113 100  
 55 156.3 152.5 192.5  
 56 115.6 111.2 151.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.870 ng  
 RT: 12.092 min Scan# 1497  
 Delta R.T. 0.005 min  
 Lab File: BM040108.D  
 Acq: 06 Jun 2023 17:44

Tgt Ion:107 Resp: 709251  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 21.4 32.2  
 142 83.4 65.8 98.6

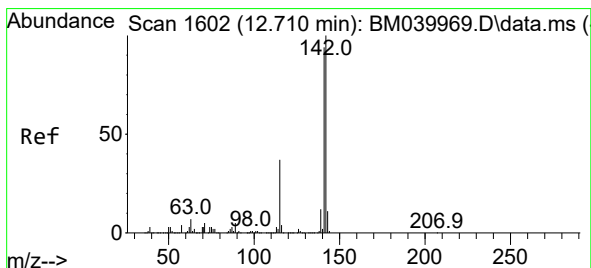
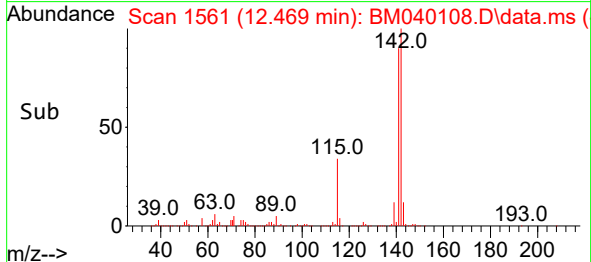
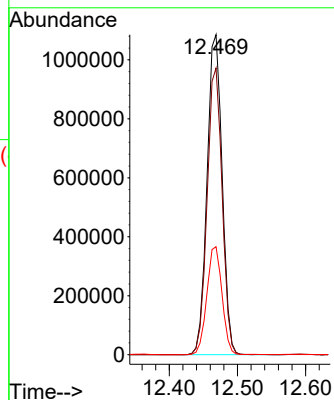
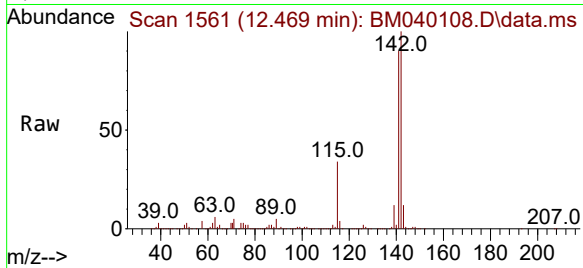




#37  
2-Methylnaphthalene  
Concen: 38.843 ng  
RT: 12.469 min Scan# 1561  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

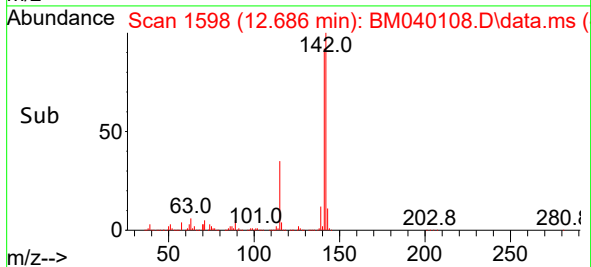
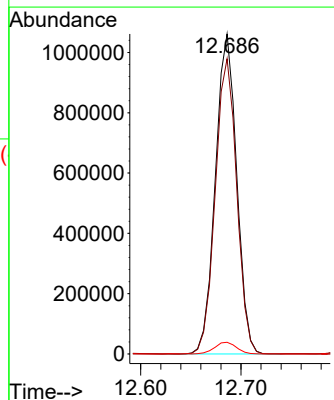
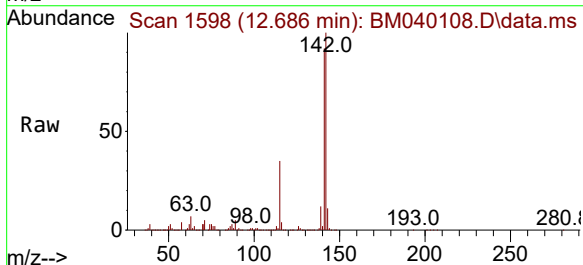
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

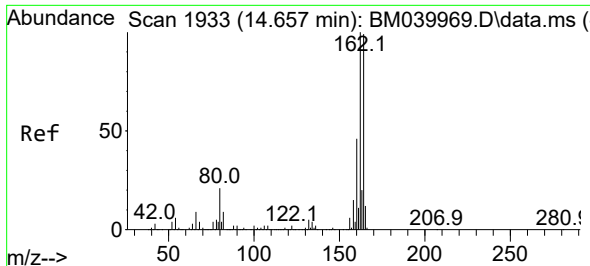
Tgt Ion:142 Resp: 1670884  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.6 107.4  
115 33.8 28.8 43.2



#38  
1-Methylnaphthalene  
Concen: 38.906 ng  
RT: 12.686 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:142 Resp: 1566615  
Ion Ratio Lower Upper  
142 100  
141 92.2 75.1 112.7  
116 3.6 3.2 4.8

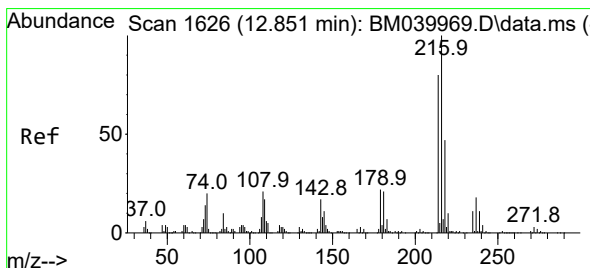
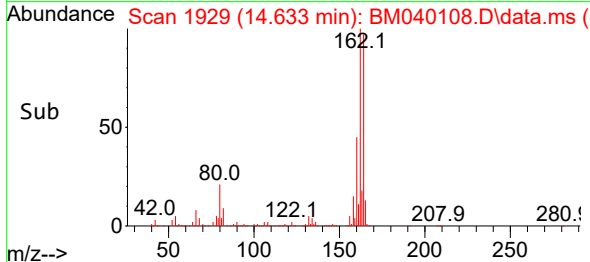
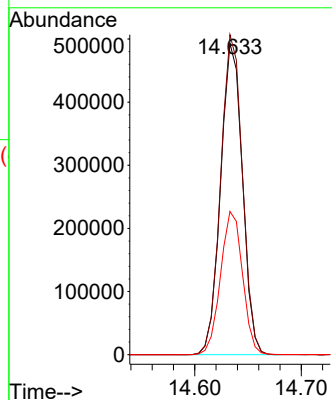
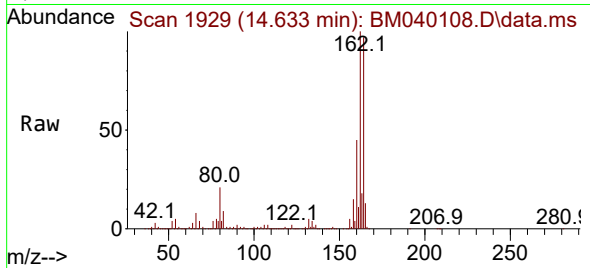




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.633 min Scan# 1933  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

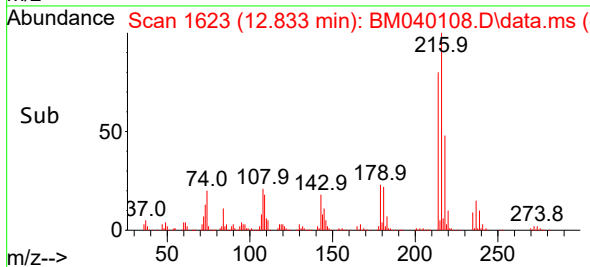
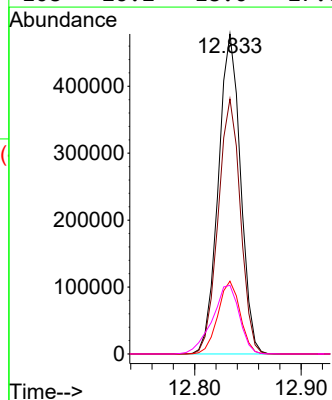
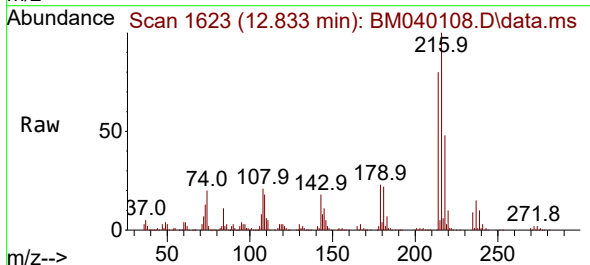
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

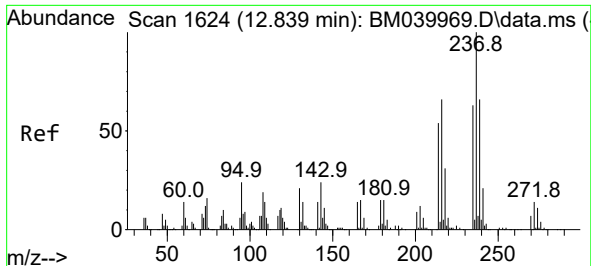
Tgt Ion:164 Resp: 698846  
Ion Ratio Lower Upper  
164 100  
162 102.8 80.6 120.8  
160 46.0 36.7 55.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 31.289 ng  
RT: 12.833 min Scan# 1623  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:216 Resp: 691586  
Ion Ratio Lower Upper  
216 100  
214 79.8 63.8 95.6  
179 22.8 17.4 26.2  
108 26.2 18.0 27.0

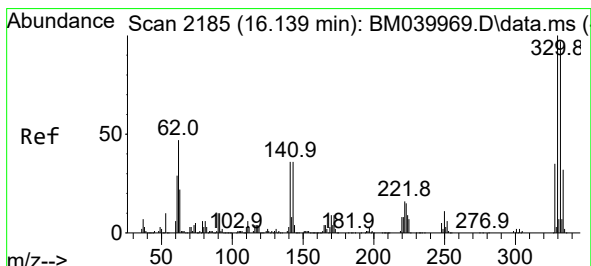
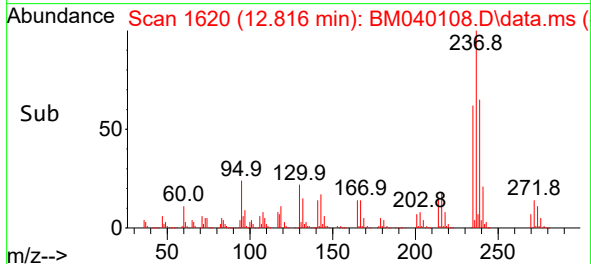
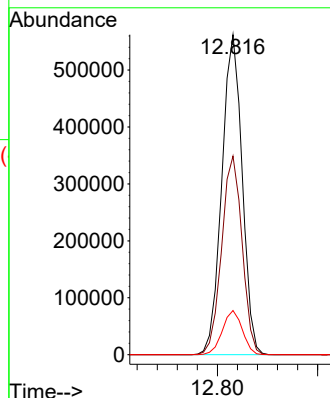
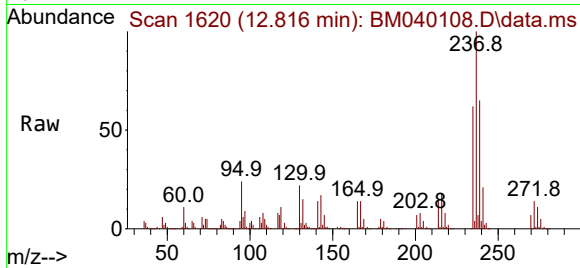




#41  
Hexachlorocyclopentadiene  
Concen: 69.103 ng  
RT: 12.816 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

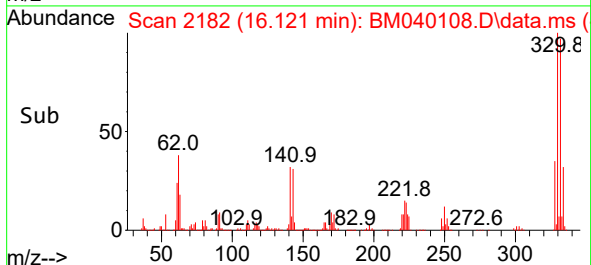
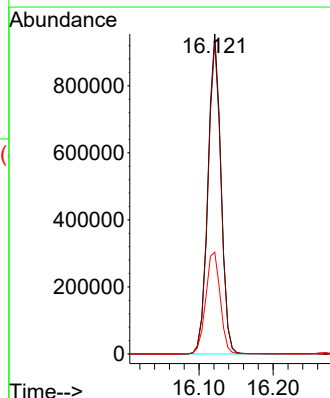
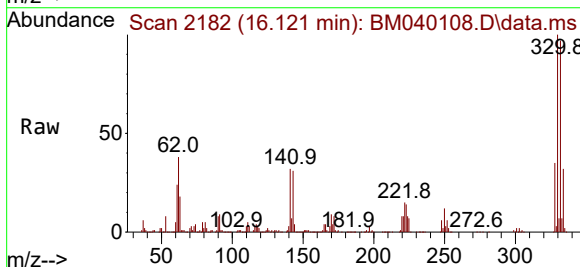
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

Tgt Ion:237 Resp: 790154  
Ion Ratio Lower Upper  
237 100  
235 62.0 43.2 83.2  
272 13.8 0.0 33.6

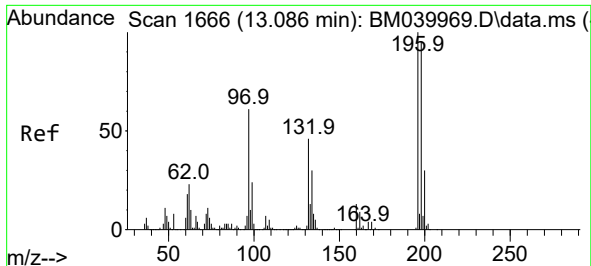


#42  
2,4,6-Tribromophenol  
Concen: 128.731 ng  
RT: 16.121 min Scan# 2182  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:330 Resp: 1167655  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.4 116.2  
141 35.4 31.6 47.4



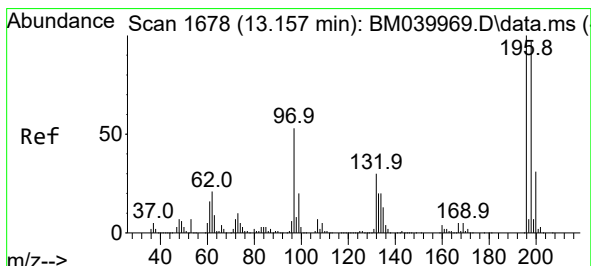
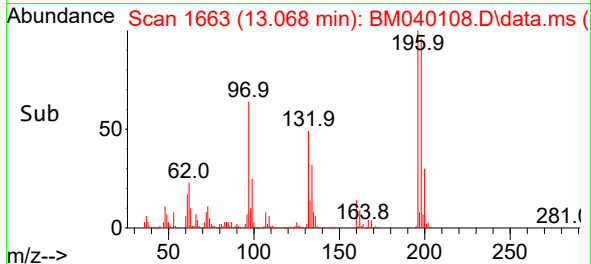
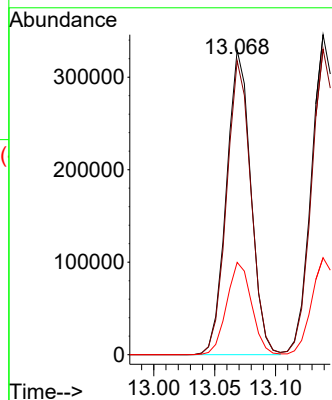
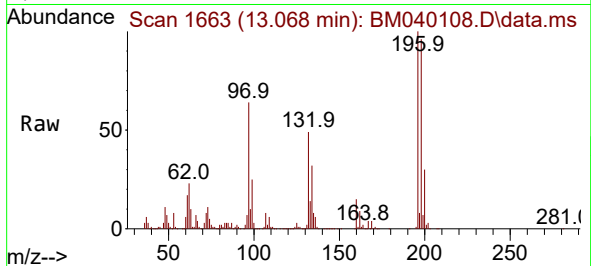




#43  
2,4,6-Trichlorophenol  
Concen: 34.168 ng  
RT: 13.068 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

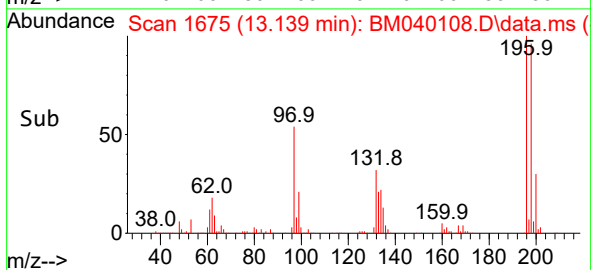
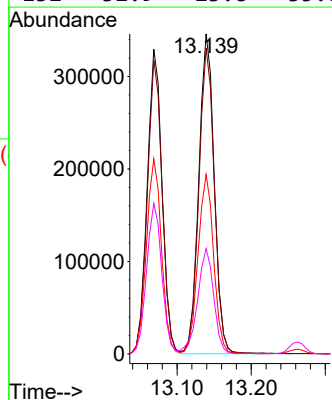
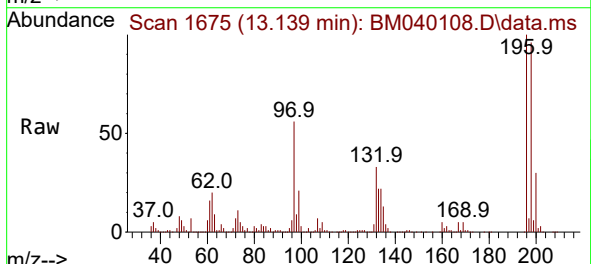
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

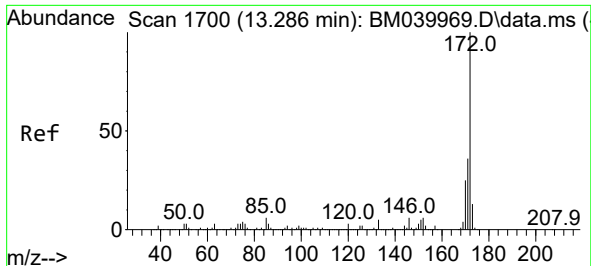
Tgt Ion:196 Resp: 458400  
Ion Ratio Lower Upper  
196 100  
198 96.4 75.7 113.5  
200 30.3 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 31.304 ng  
RT: 13.139 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:196 Resp: 499883  
Ion Ratio Lower Upper  
196 100  
198 95.5 77.2 115.8  
97 56.0 42.2 63.2  
132 32.9 23.8 35.8

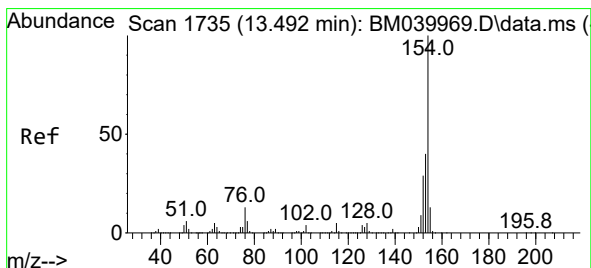
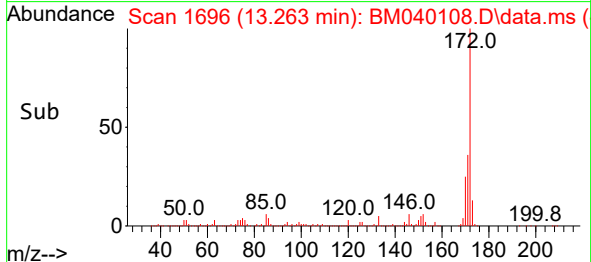
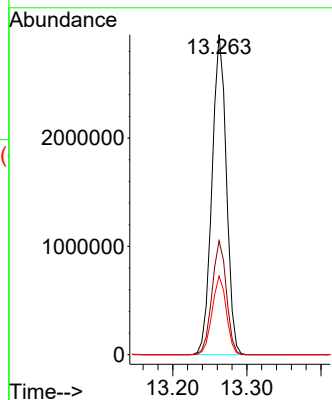
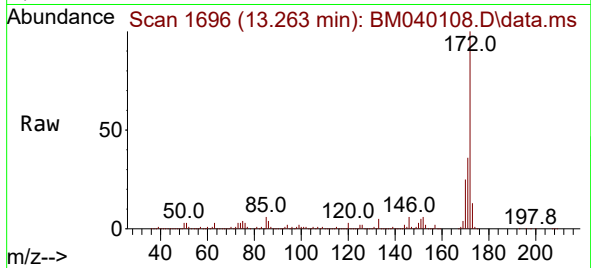




#45  
2-Fluorobiphenyl  
Concen: 67.171 ng  
RT: 13.263 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

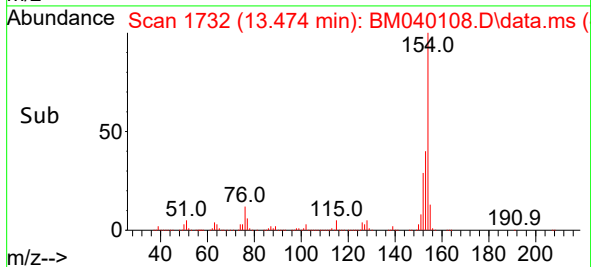
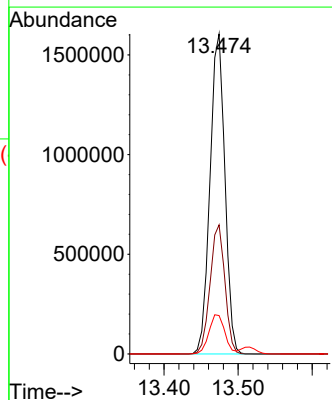
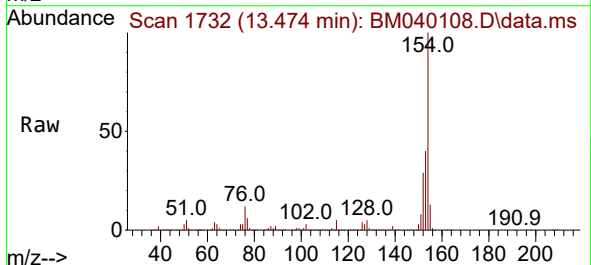
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

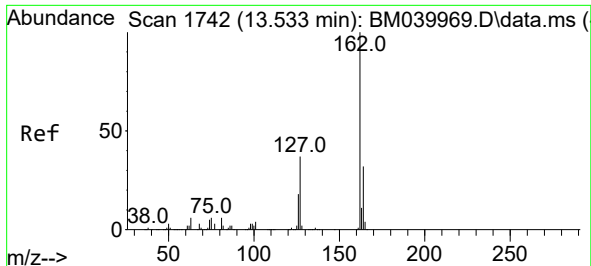
Tgt Ion:172 Resp: 3979877  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.8 43.2  
170 24.6 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 37.424 ng  
RT: 13.474 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:154 Resp: 2239119  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.4 60.4  
76 12.0 0.0 33.1

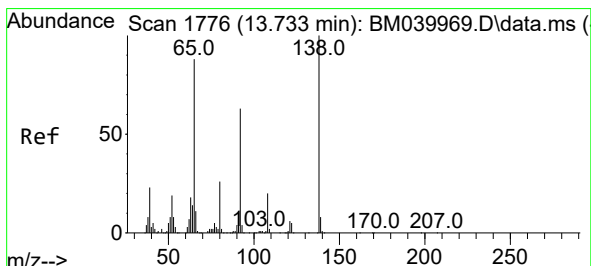
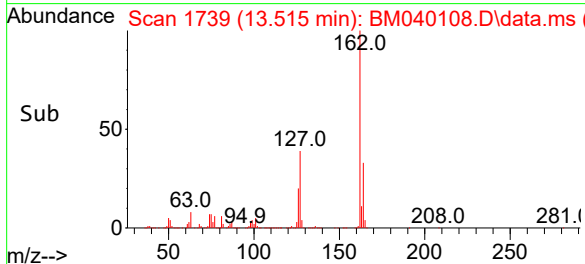
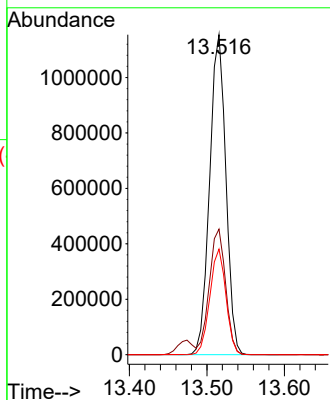
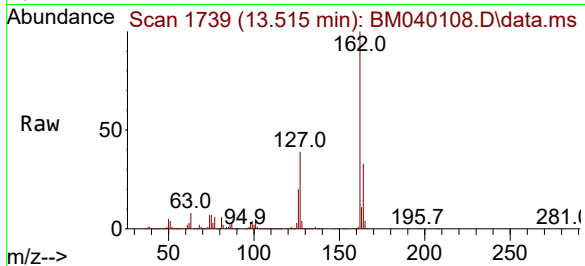




#47  
2-Chloronaphthalene  
Concen: 37.629 ng  
RT: 13.515 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

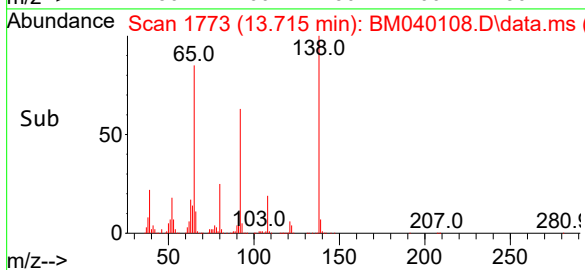
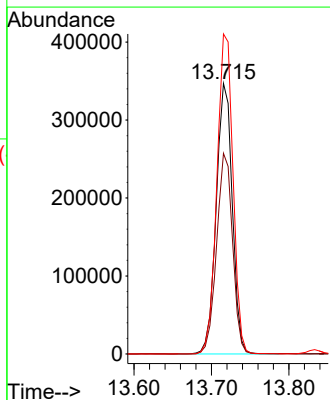
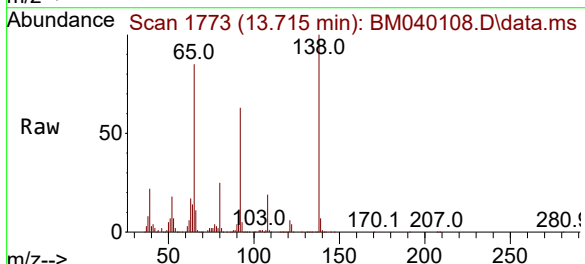
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

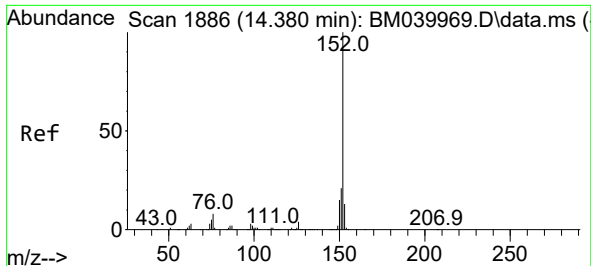
Tgt Ion:162 Resp: 1680547  
Ion Ratio Lower Upper  
162 100  
127 39.2 31.3 46.9  
164 33.0 25.8 38.8



#48  
2-Nitroaniline  
Concen: 41.781 ng  
RT: 13.715 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion: 65 Resp: 500651  
Ion Ratio Lower Upper  
65 100  
92 74.2 57.0 85.6  
138 118.3 91.1 136.7

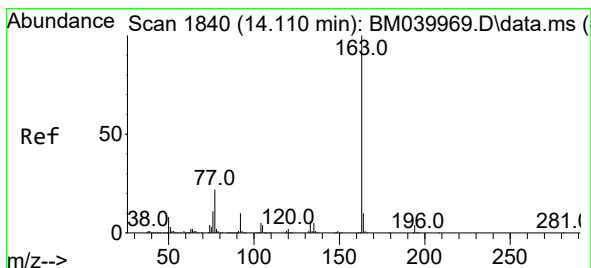
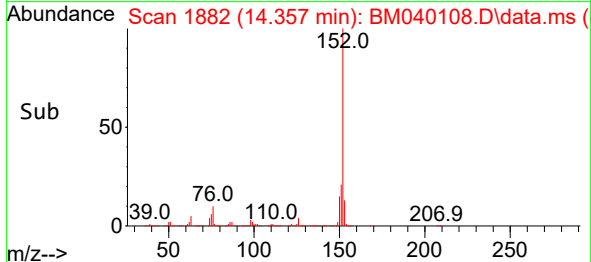
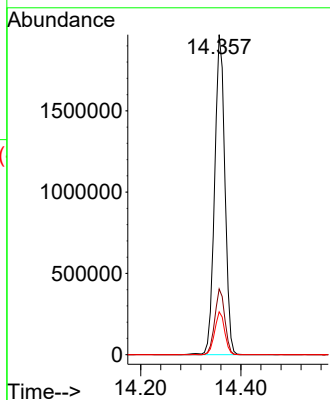
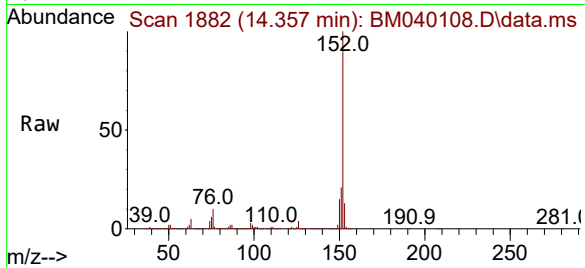




#49  
Acenaphthylene  
Concen: 39.800 ng  
RT: 14.357 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

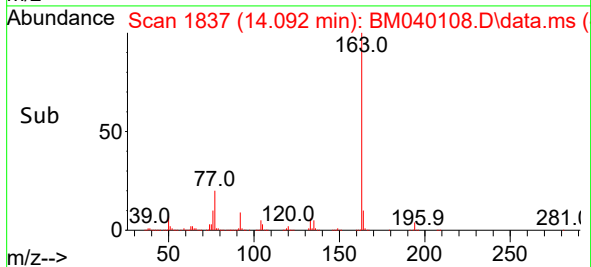
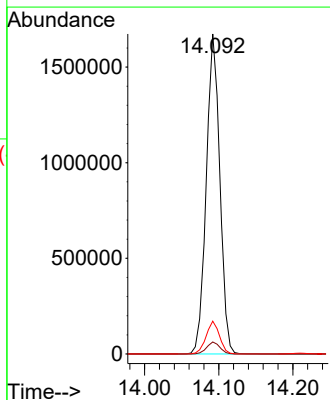
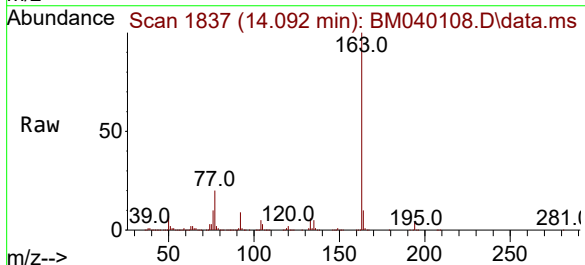
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

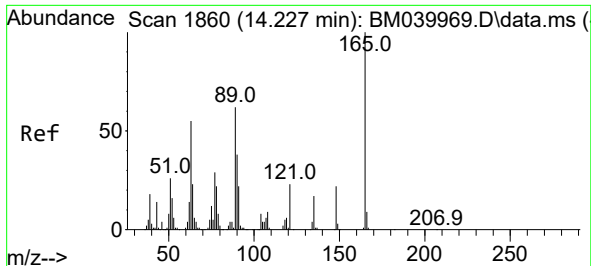
Tgt Ion:152 Resp: 2782689  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.4 24.6  
153 13.4 10.3 15.5



#50  
Dimethylphthalate  
Concen: 40.328 ng  
RT: 14.092 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:163 Resp: 2124520  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.6  
164 10.2 8.2 12.2

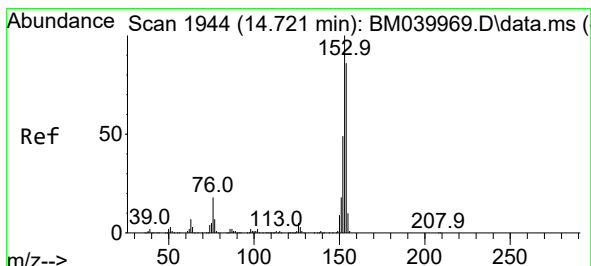
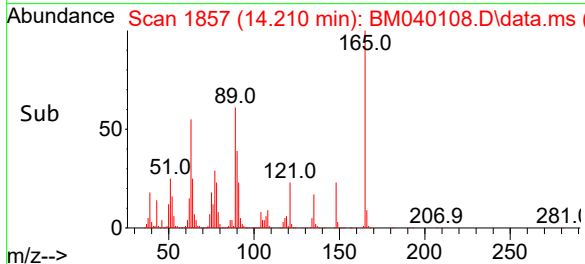
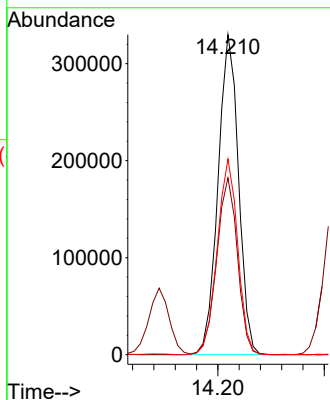
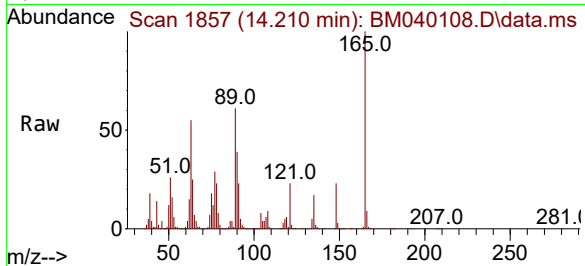




#51  
2,6-Dinitrotoluene  
Concen: 43.560 ng  
RT: 14.210 min Scan# 1860  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

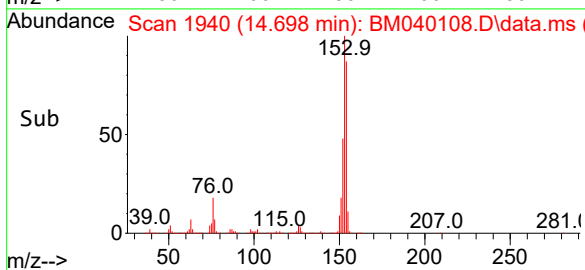
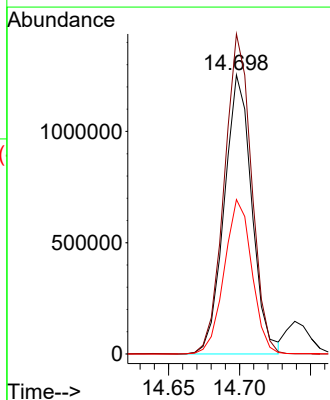
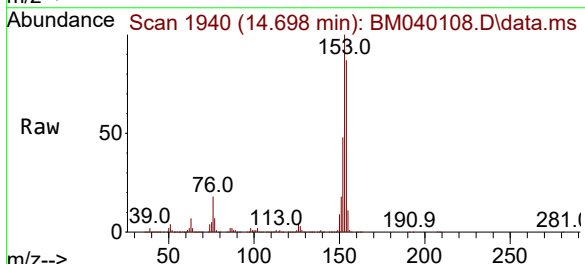
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

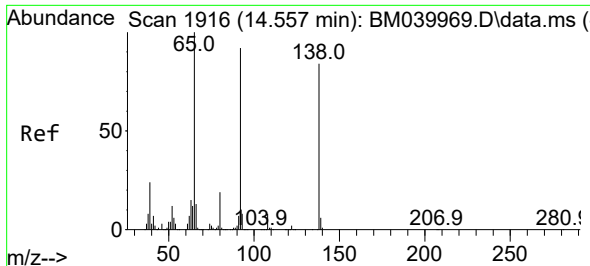
Tgt Ion:165 Resp: 438996  
Ion Ratio Lower Upper  
165 100  
63 55.3 45.3 67.9  
89 61.1 49.5 74.3



#52  
Acenaphthene  
Concen: 37.058 ng  
RT: 14.698 min Scan# 1940  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:154 Resp: 1692894  
Ion Ratio Lower Upper  
154 100  
153 114.7 92.6 139.0  
152 55.3 45.5 68.3

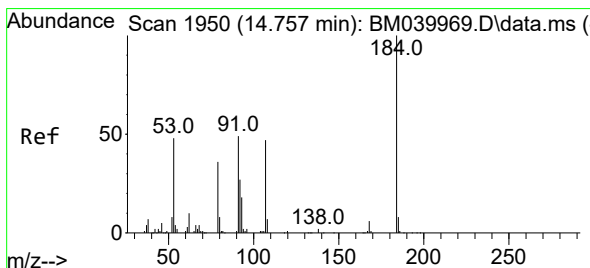
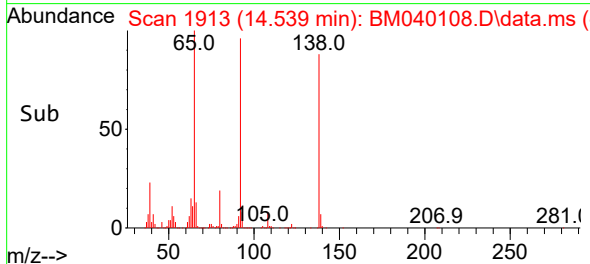
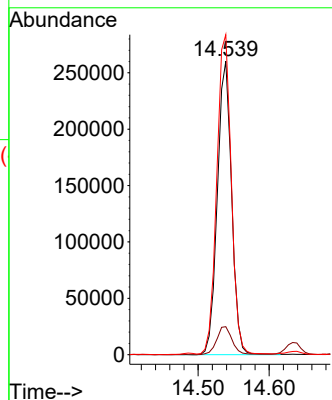
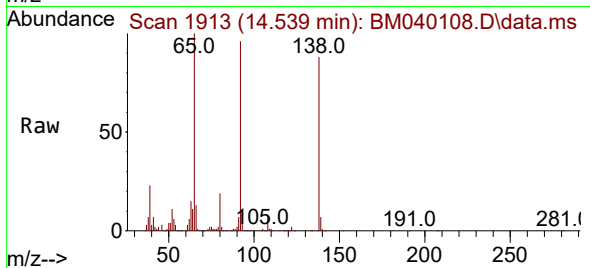




#53  
3-Nitroaniline  
Concen: 30.282 ng  
RT: 14.539 min Scan# 1913  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

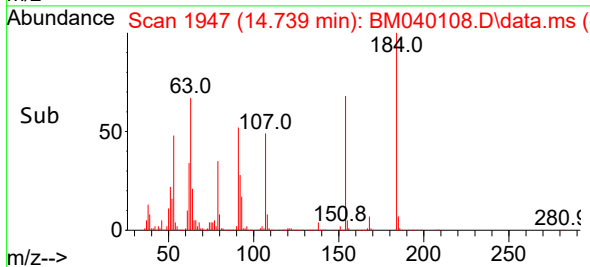
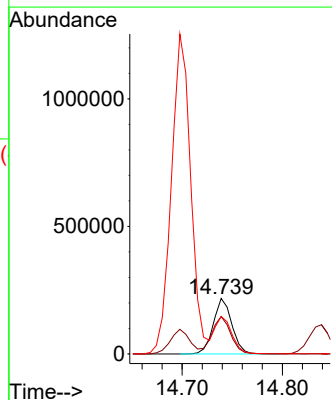
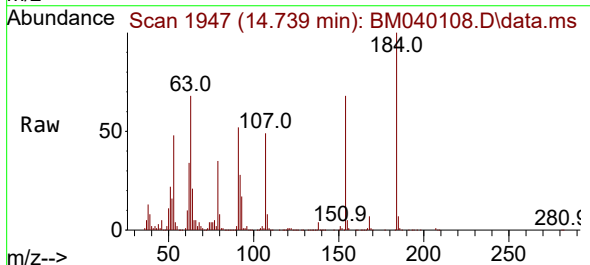
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

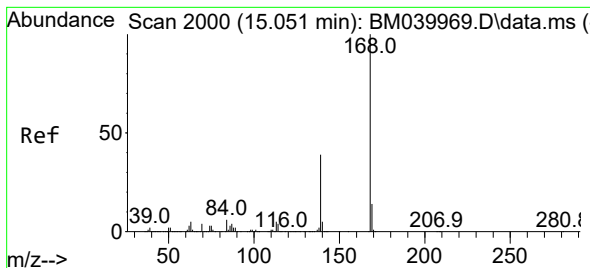
Tgt Ion:138 Resp: 361020  
Ion Ratio Lower Upper  
138 100  
108 9.5 7.8 11.6  
92 109.1 87.7 131.5



#54  
2,4-Dinitrophenol  
Concen: 52.889 ng  
RT: 14.739 min Scan# 1947  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:184 Resp: 279643  
Ion Ratio Lower Upper  
184 100  
63 67.6 53.0 79.4  
154 67.5 54.4 81.6





#55

Dibenzofuran

Concen: 39.305 ng

RT: 15.033 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

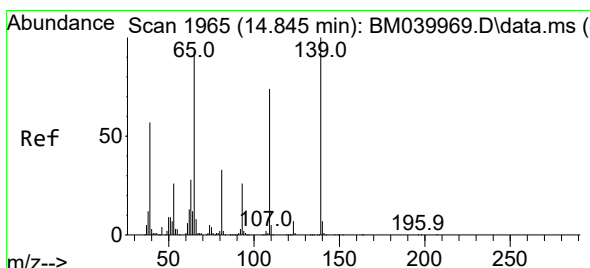
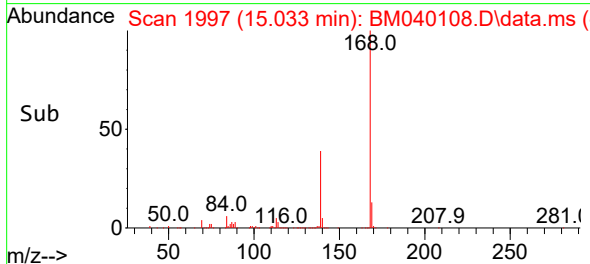
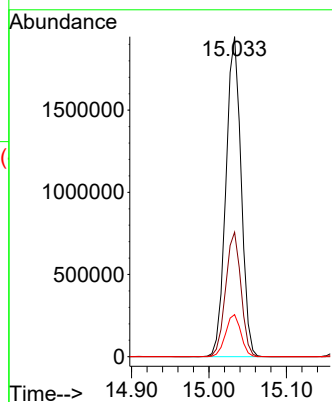
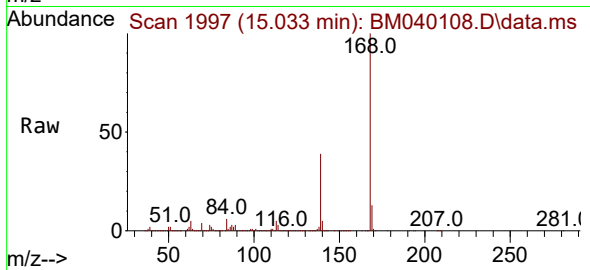
Tgt Ion:168 Resp: 2650629

Ion Ratio Lower Upper

168 100

139 38.9 31.5 47.3

169 13.2 10.9 16.3



#56

4-Nitrophenol

Concen: 67.809 ng

RT: 14.839 min Scan# 1964

Delta R.T. 0.005 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

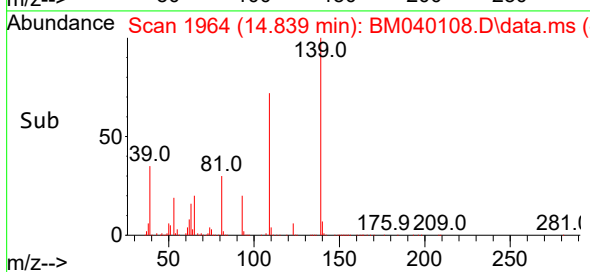
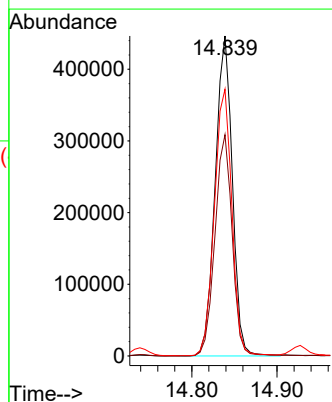
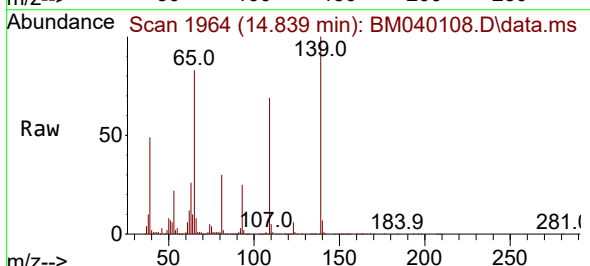
Tgt Ion:139 Resp: 625354

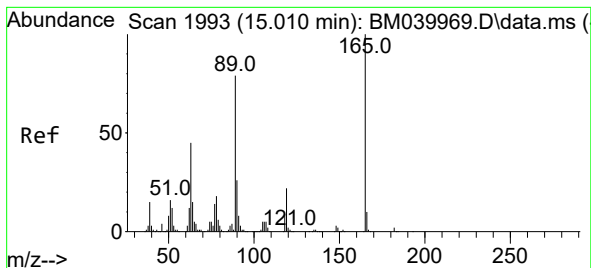
Ion Ratio Lower Upper

139 100

109 69.1 53.9 93.9

65 83.3 72.6 112.6

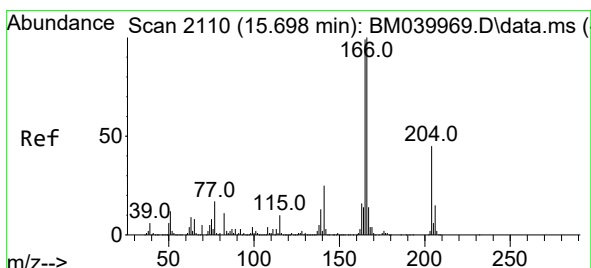
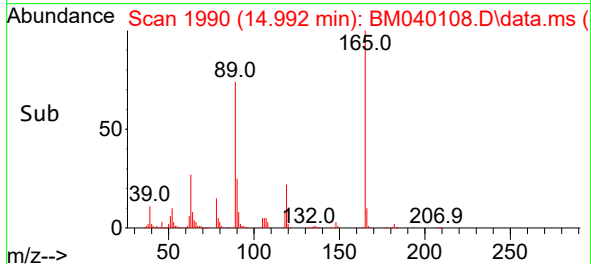
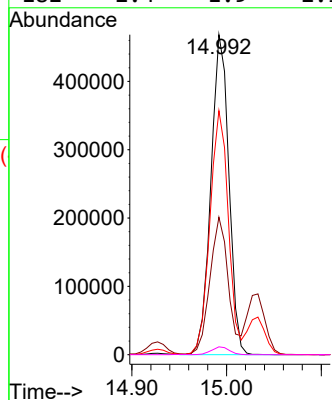
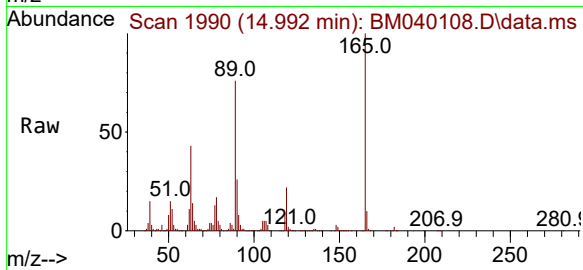




#57  
2,4-Dinitrotoluene  
Concen: 42.841 ng  
RT: 14.992 min Scan# 1993  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

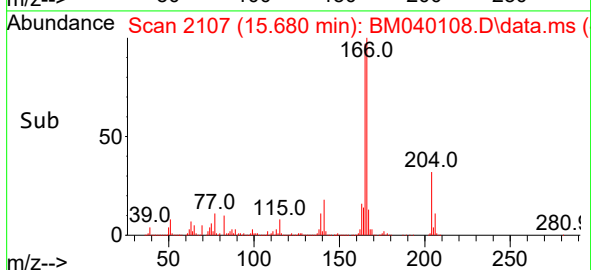
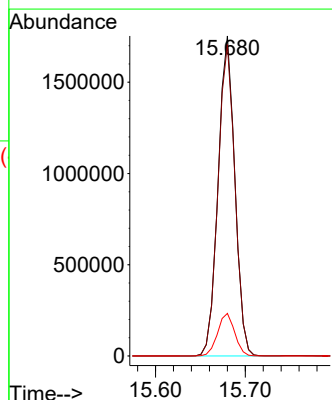
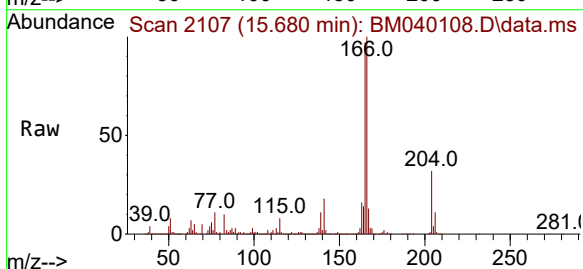
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

Tgt Ion:165 Resp: 615304  
Ion Ratio Lower Upper  
165 100  
63 42.9 36.2 54.2  
89 76.2 63.4 95.0  
182 2.4 1.9 2.9

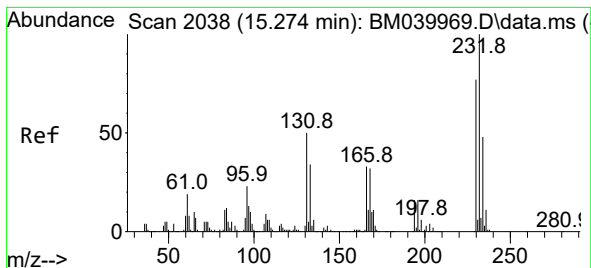


#58  
Fluorene  
Concen: 40.486 ng  
RT: 15.680 min Scan# 2107  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:166 Resp: 2269658  
Ion Ratio Lower Upper  
166 100  
165 97.3 79.5 119.3  
167 13.3 11.0 16.6



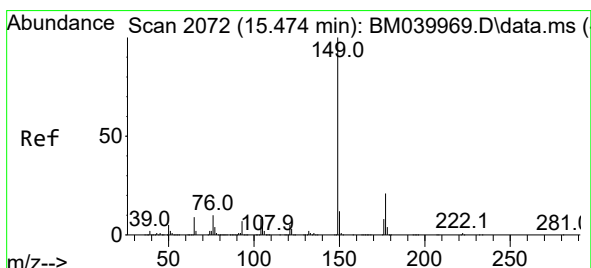
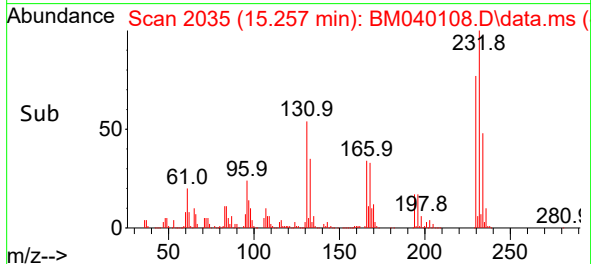
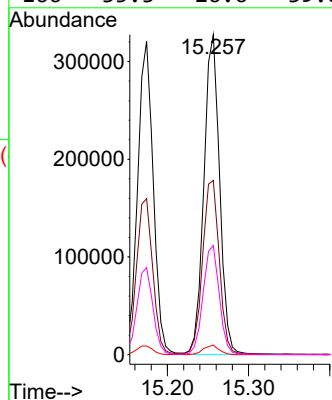
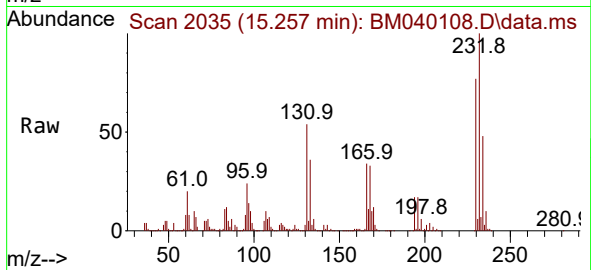




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.062 ng  
RT: 15.257 min Scan# 2035  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

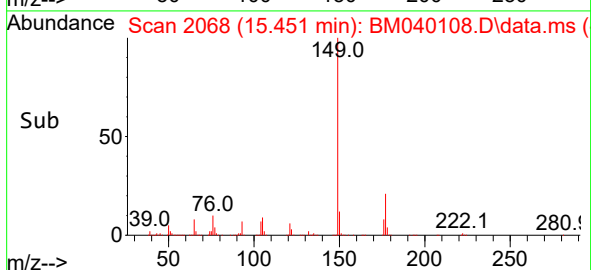
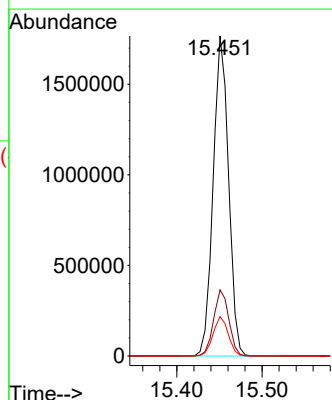
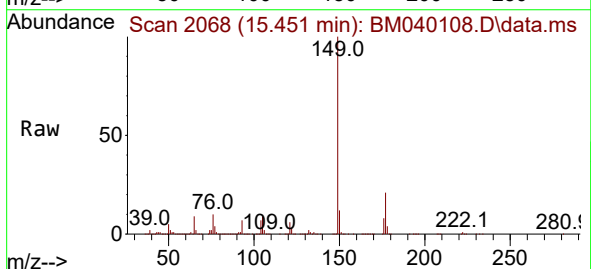
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

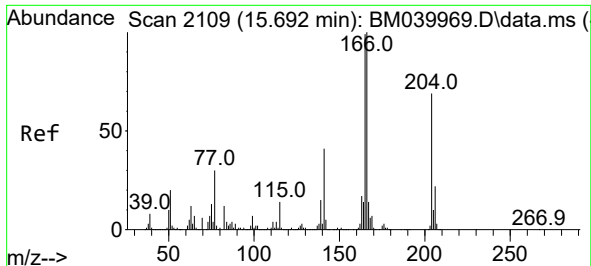
Tgt Ion:232 Resp: 440125  
Ion Ratio Lower Upper  
232 100  
131 57.9 42.8 64.2  
130 3.0 2.3 3.5  
166 35.3 26.6 39.8



#60  
Diethylphthalate  
Concen: 42.460 ng  
RT: 15.451 min Scan# 2068  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:149 Resp: 2211001  
Ion Ratio Lower Upper  
149 100  
177 20.7 16.8 25.2  
150 12.3 9.5 14.3

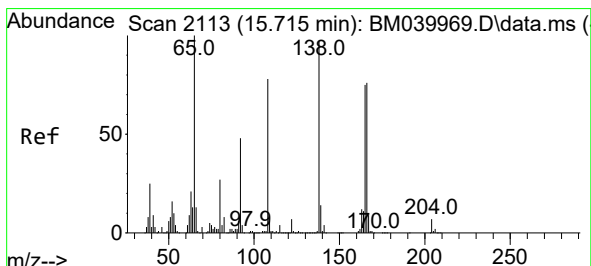
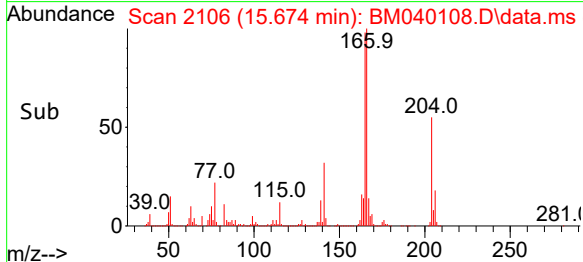
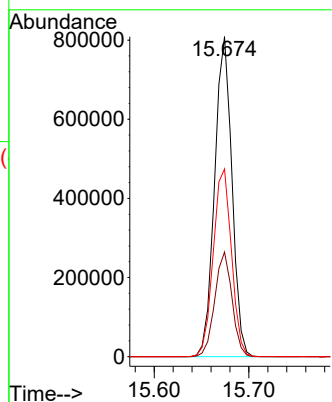
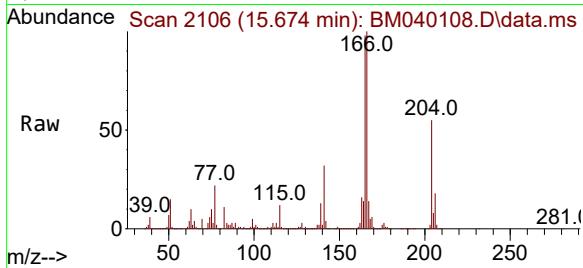




#61  
4-Chlorophenyl-phenylether  
Concen: 37.411 ng  
RT: 15.674 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

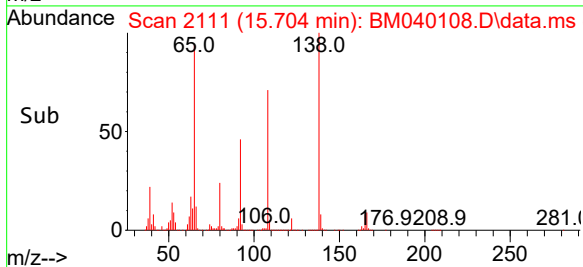
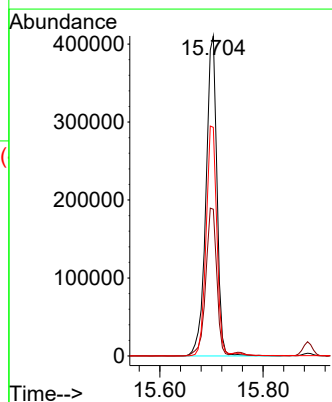
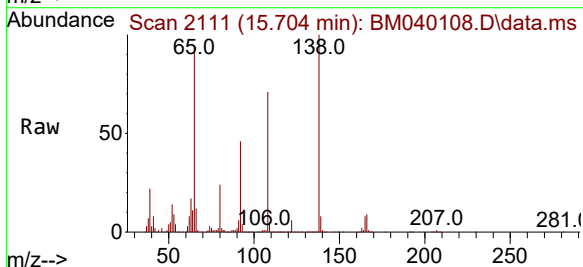
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

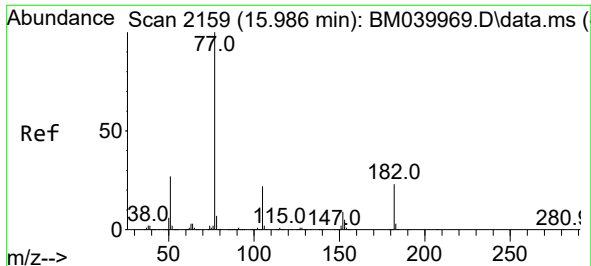
Tgt Ion:204 Resp: 1026091  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.8 38.8  
141 58.6 46.9 70.3



#62  
4-Nitroaniline  
Concen: 48.759 ng  
RT: 15.704 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:138 Resp: 605403  
Ion Ratio Lower Upper  
138 100  
92 45.8 29.1 69.1  
108 71.5 60.0 100.0



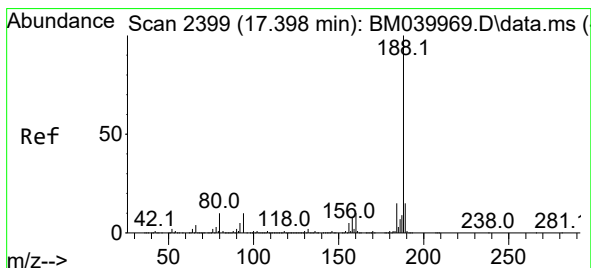
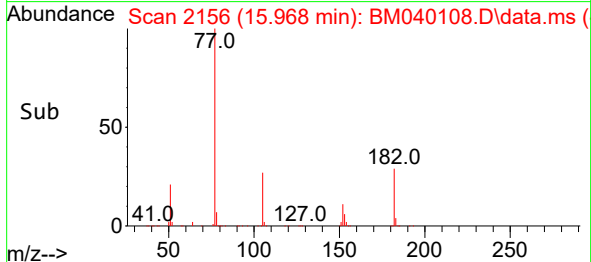
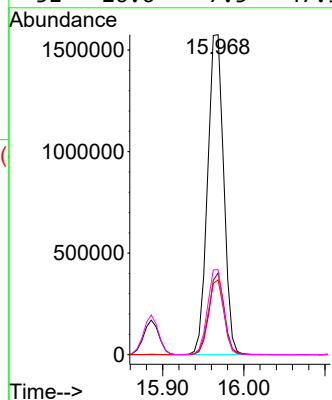
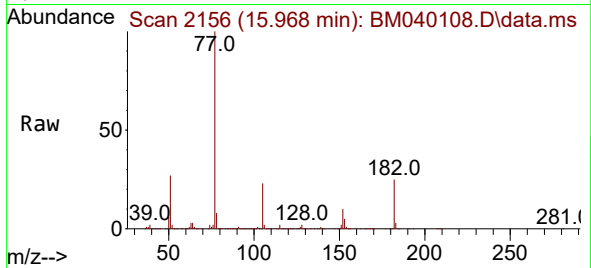


#63  
Azobenzene  
Concen: 41.581 ng  
RT: 15.968 min Scan# 2159  
Delta R.T. 0.005 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

Tgt Ion: 77 Resp: 2158714

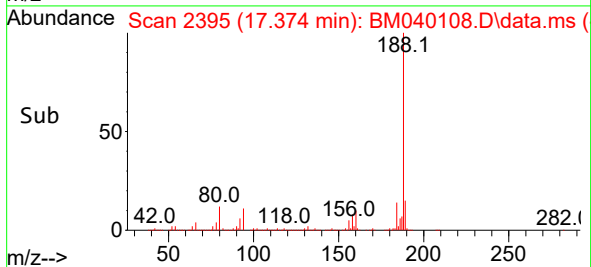
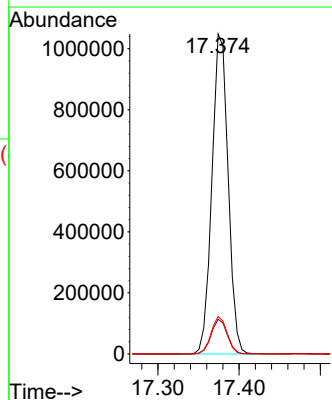
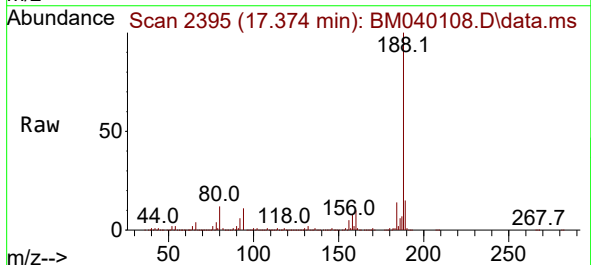
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.5  | 2.9   | 42.9  |
| 105 | 23.4  | 1.5   | 41.5  |
| 51  | 26.6  | 7.5   | 47.5  |

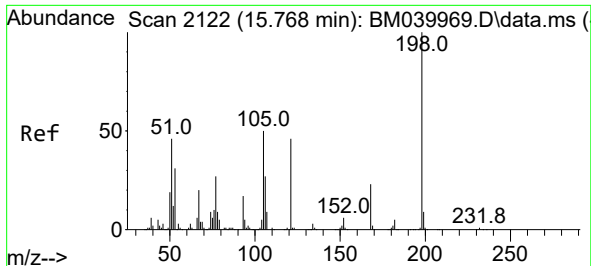


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.374 min Scan# 2395  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion: 188 Resp: 1452075

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.8  | 7.8   | 11.8  |
| 80  | 11.7  | 8.2   | 12.4  |





#65

4,6-Dinitro-2-methylphenol

Concen: 30.373 ng

RT: 15.751 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

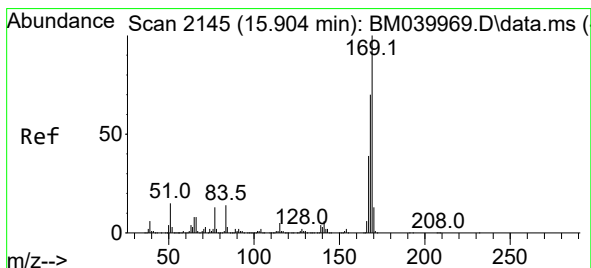
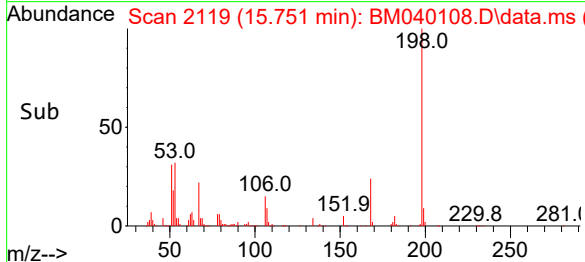
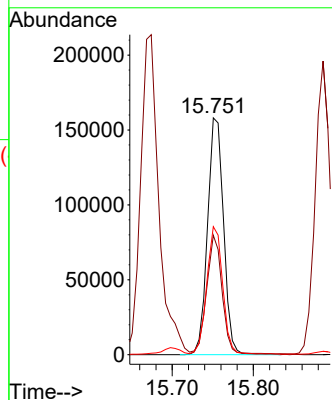
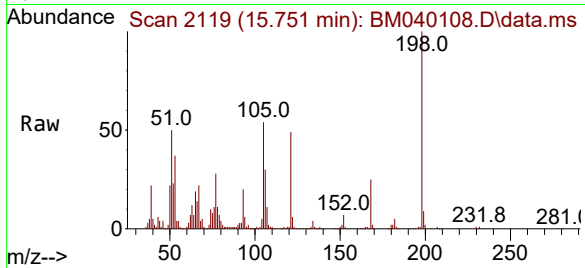
Tgt Ion:198 Resp: 215543

Ion Ratio Lower Upper

198 100

51 50.4 29.9 69.9

105 54.1 30.4 70.4



#66

n-Nitrosodiphenylamine

Concen: 38.252 ng

RT: 15.886 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

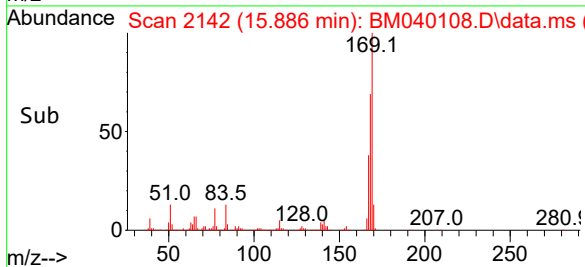
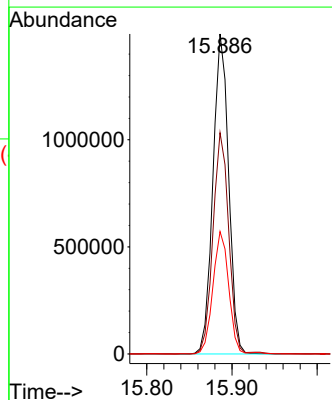
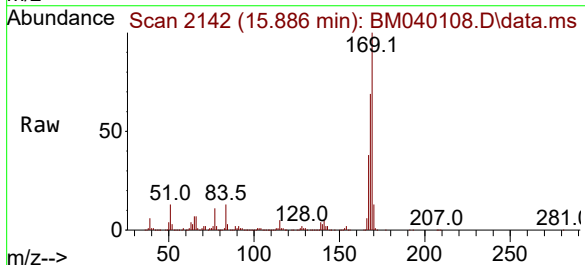
Tgt Ion:169 Resp: 1910147

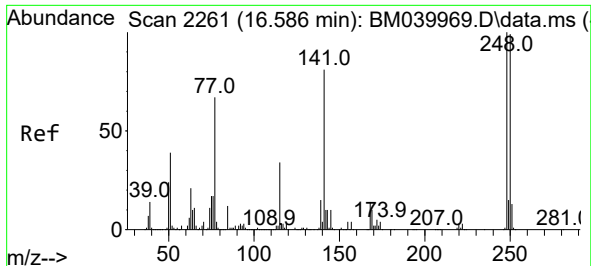
Ion Ratio Lower Upper

169 100

168 69.2 56.0 84.0

167 38.3 31.0 46.6

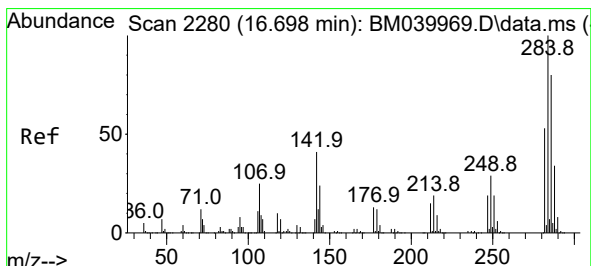
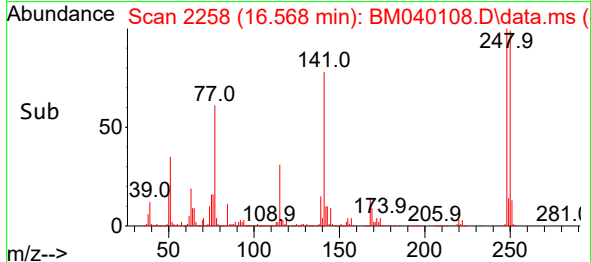
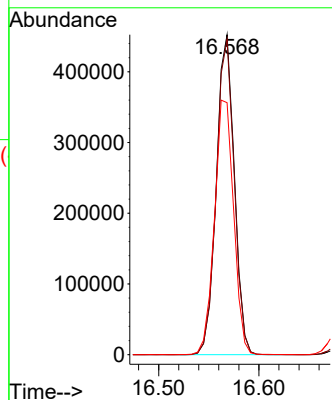
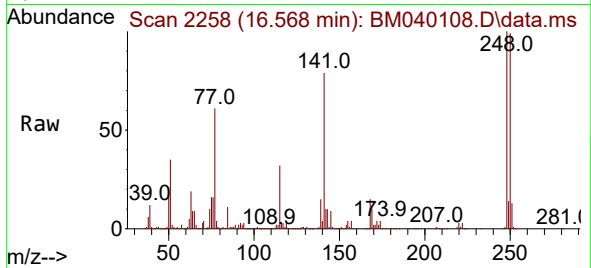




#67  
4-Bromophenyl-phenylether  
Concen: 35.199 ng  
RT: 16.568 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

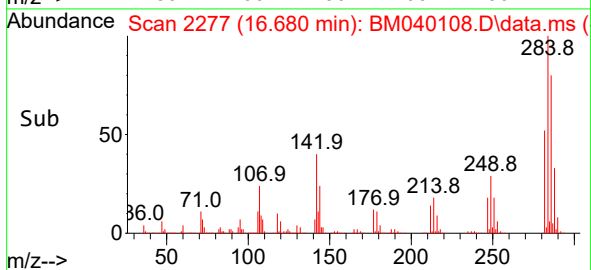
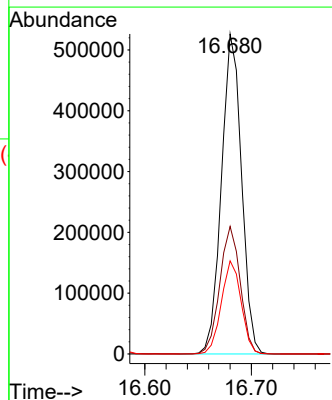
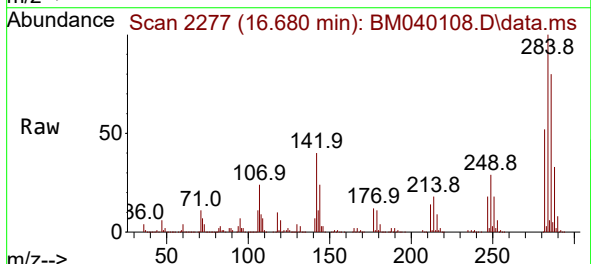
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BNA\_M  
ClientSampleId :  
TP-14-0AMS

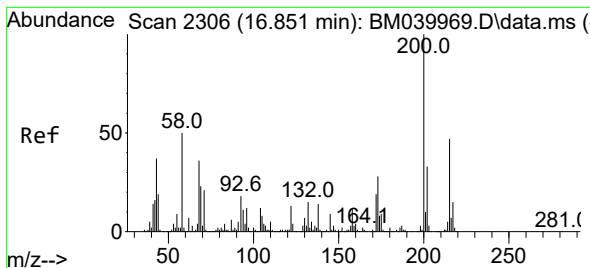
Tgt Ion:248 Resp: 564749  
Ion Ratio Lower Upper  
248 100  
250 98.6 79.4 119.0  
141 78.7 64.8 97.2



#68  
Hexachlorobenzene  
Concen: 37.486 ng  
RT: 16.680 min Scan# 2277  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:284 Resp: 687329  
Ion Ratio Lower Upper  
284 100  
142 39.8 32.4 48.6  
249 29.1 23.4 35.2





#69

Atrazine

Concen: 49.656 ng

RT: 16.839 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

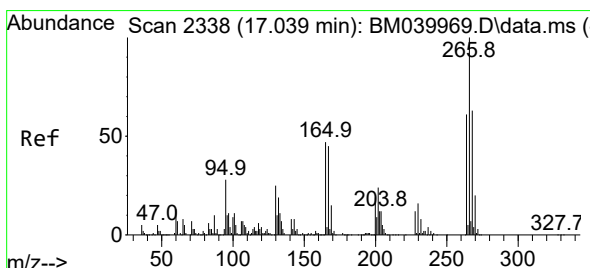
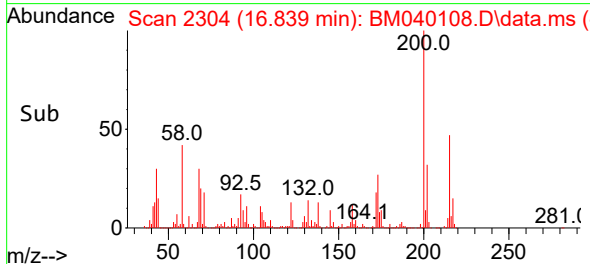
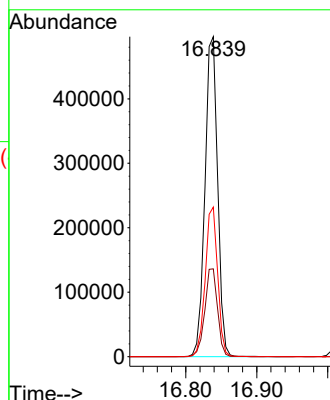
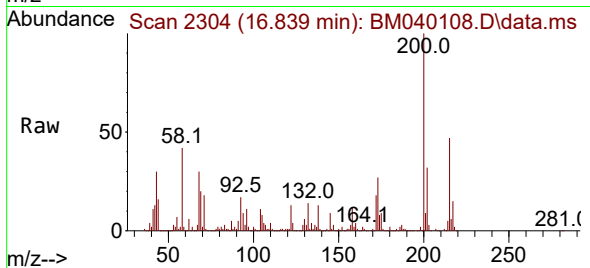
Tgt Ion:200 Resp: 616774

Ion Ratio Lower Upper

200 100

173 27.4 7.7 47.7

215 46.8 27.5 67.5



#70

Pentachlorophenol

Concen: 68.153 ng

RT: 17.027 min Scan# 2336

Delta R.T. 0.005 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

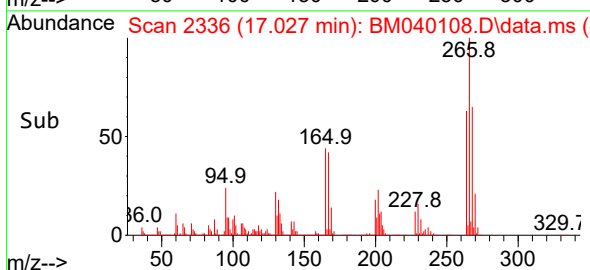
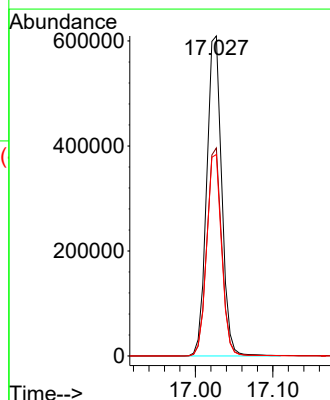
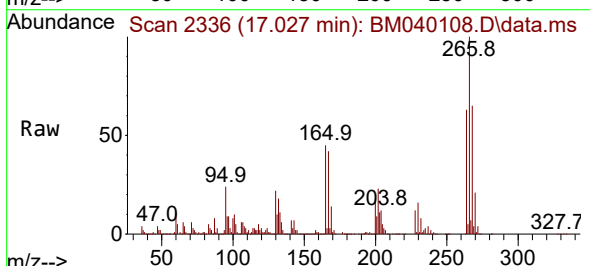
Tgt Ion:266 Resp: 820333

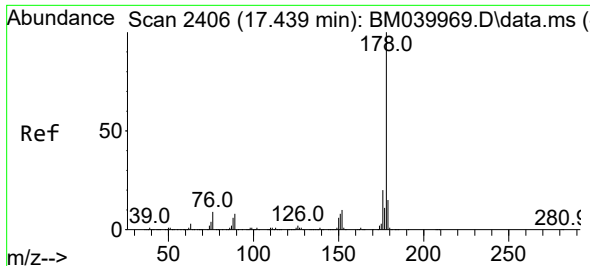
Ion Ratio Lower Upper

266 100

268 65.0 50.2 75.4

264 62.9 49.0 73.6

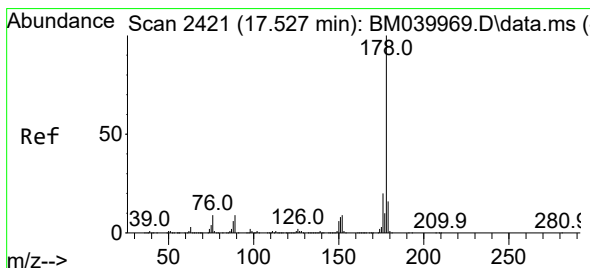
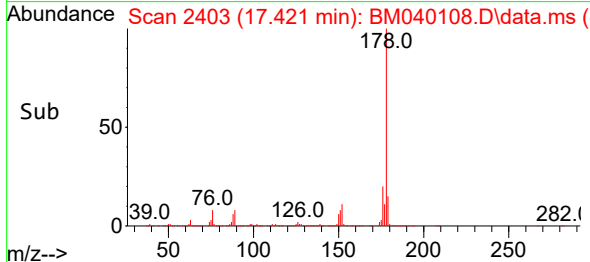
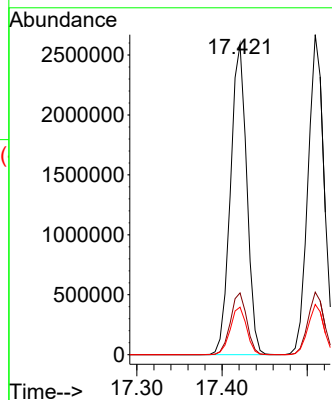
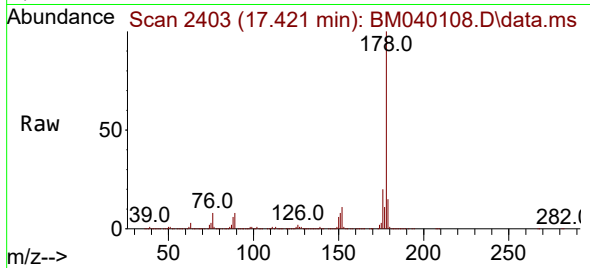




#71  
Phenanthrene  
Concen: 39.568 ng  
RT: 17.421 min Scan# 2418  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

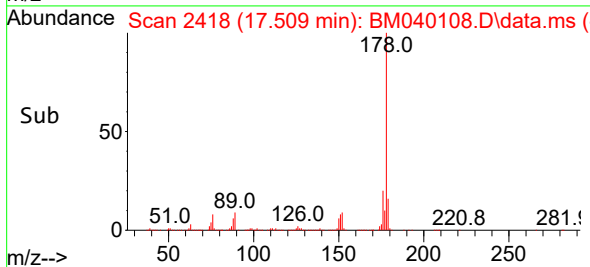
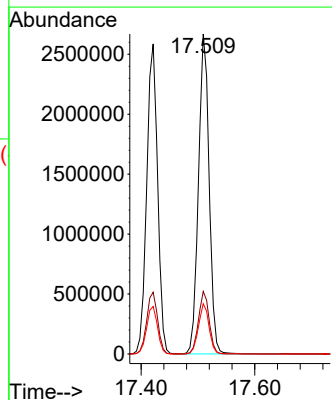
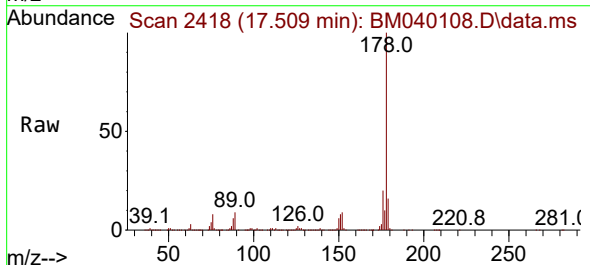
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BNA\_M  
ClientSampleId :  
TP-14-0AMS

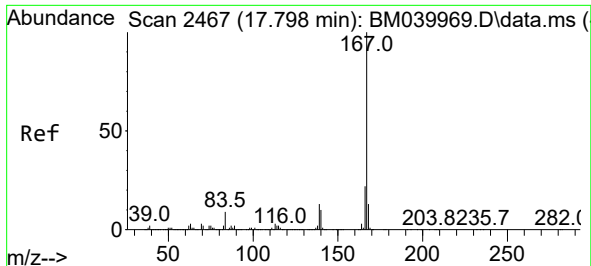
Tgt Ion:178 Resp: 3436698  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.2 24.2  
179 15.3 12.2 18.4



#72  
Anthracene  
Concen: 40.684 ng  
RT: 17.509 min Scan# 2418  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:178 Resp: 3501095  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.8 23.6  
179 15.7 12.5 18.7

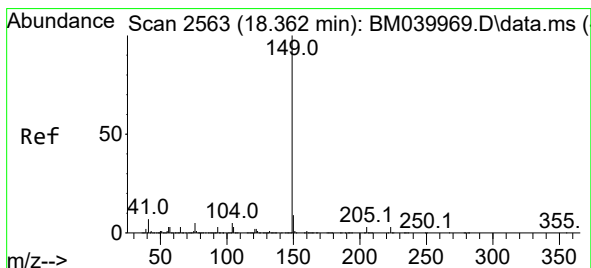
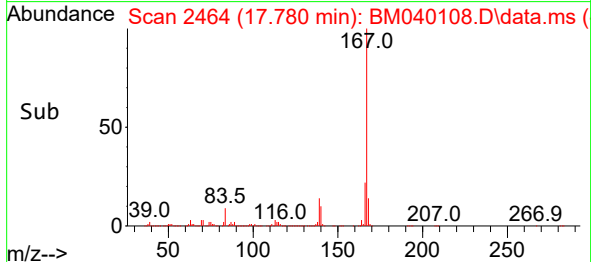
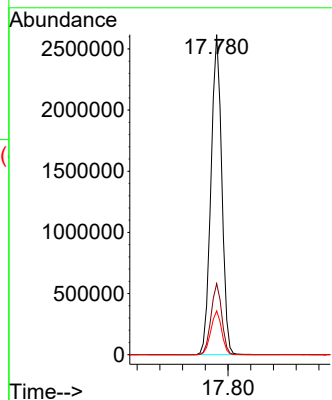
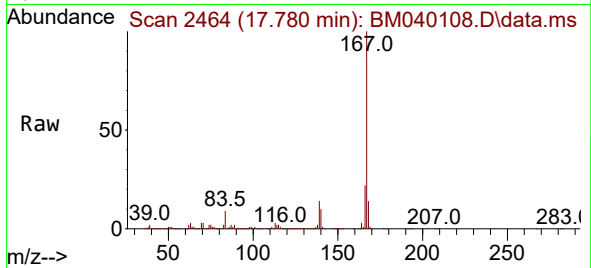




#73  
 Carbazole  
 Concen: 44.178 ng  
 RT: 17.780 min Scan# 2467  
 Delta R.T. -0.000 min  
 Lab File: BM040108.D  
 Acq: 06 Jun 2023 17:44

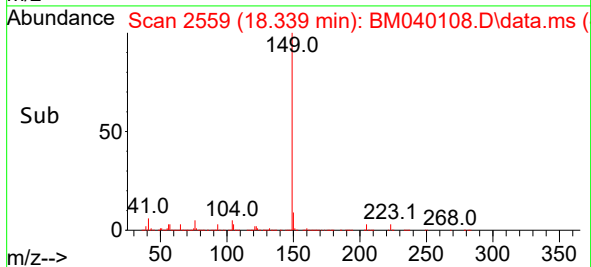
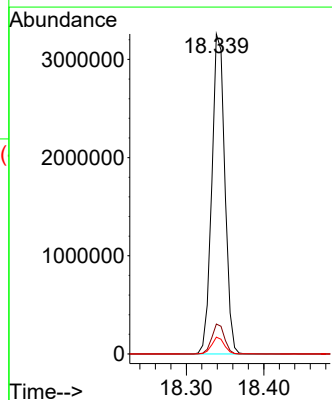
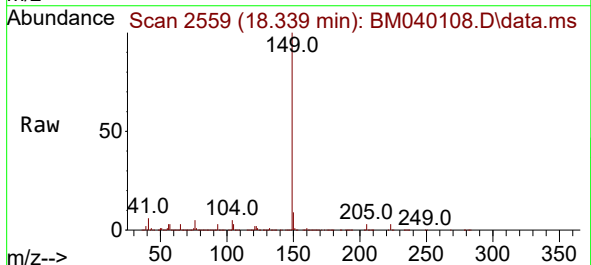
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-14-0AMS

Tgt Ion:167 Resp: 3434750  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 17.8 26.8  
 139 13.7 10.8 16.2

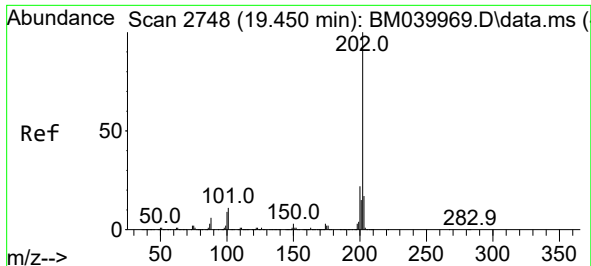


#74  
 Di-n-butylphthalate  
 Concen: 39.029 ng  
 RT: 18.339 min Scan# 2559  
 Delta R.T. -0.006 min  
 Lab File: BM040108.D  
 Acq: 06 Jun 2023 17:44

Tgt Ion:149 Resp: 3805780  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 5.2 4.2 6.2



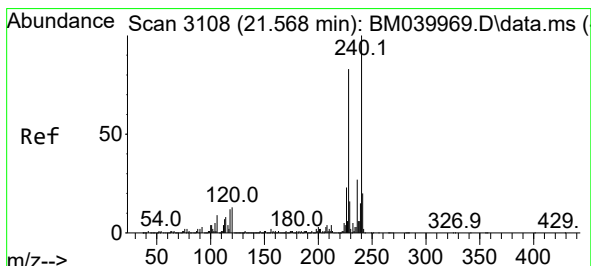
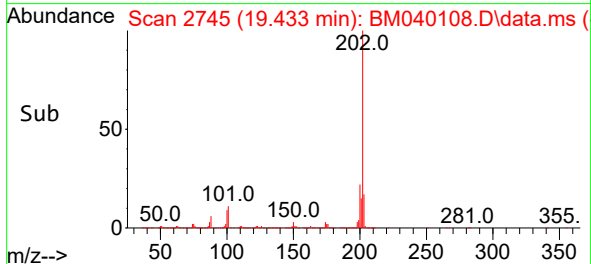
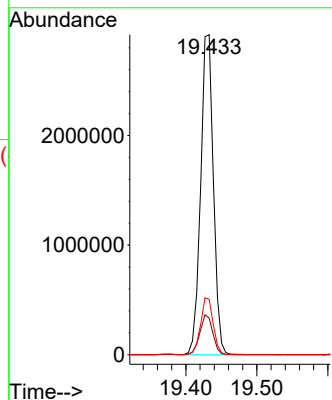
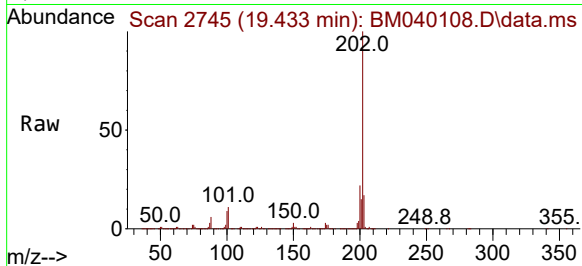




#75  
Fluoranthene  
Concen: 42.234 ng  
RT: 19.433 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

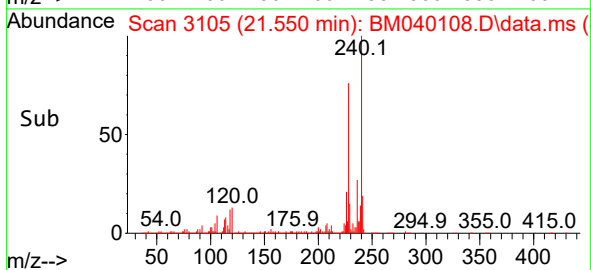
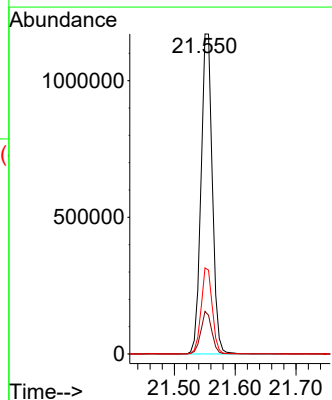
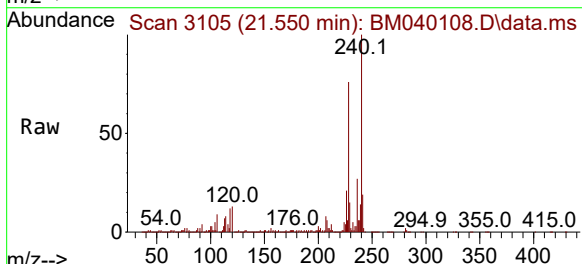
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

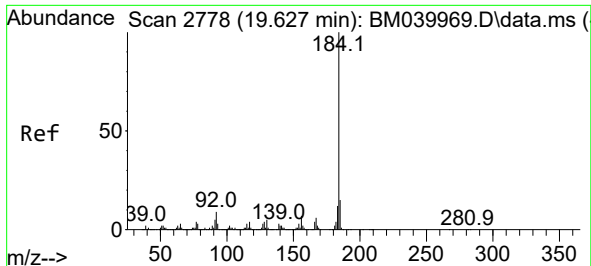
Tgt Ion:202 Resp: 3656034  
Ion Ratio Lower Upper  
202 100  
101 11.5 0.0 31.3  
203 17.4 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.550 min Scan# 3105  
Delta R.T. -0.006 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:240 Resp: 1513377  
Ion Ratio Lower Upper  
240 100  
120 13.3 10.1 15.1  
236 26.9 21.3 31.9

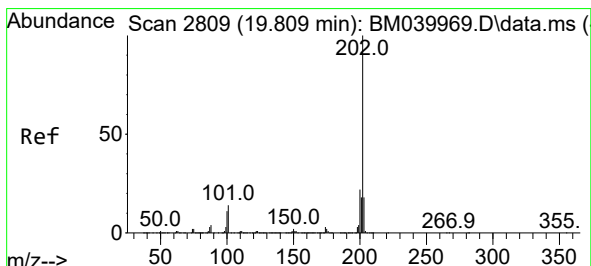
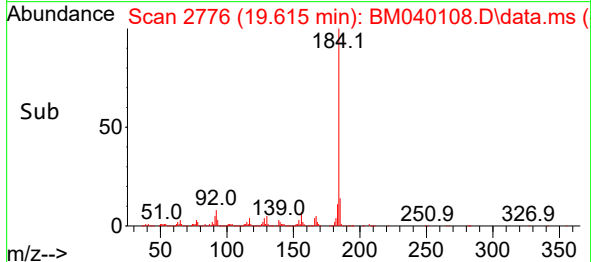
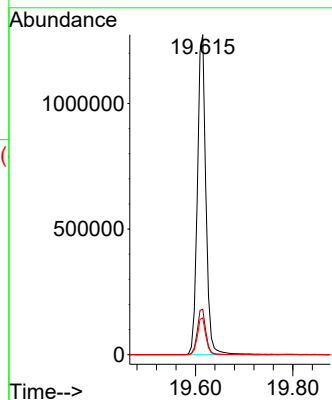
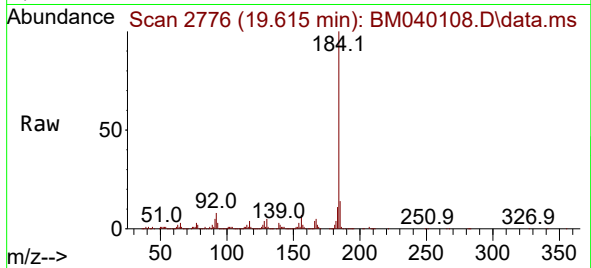




#77  
Benzidine  
Concen: 66.152 ng  
RT: 19.615 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

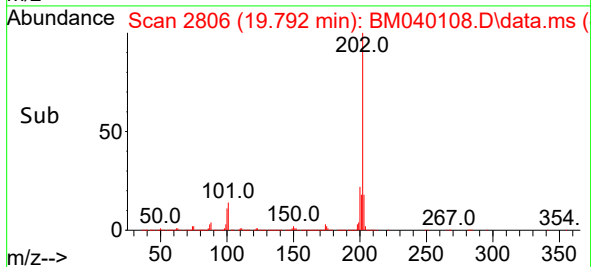
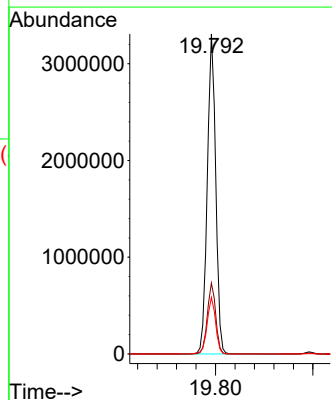
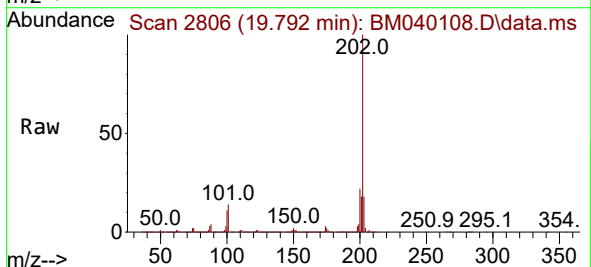
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14-0AMS

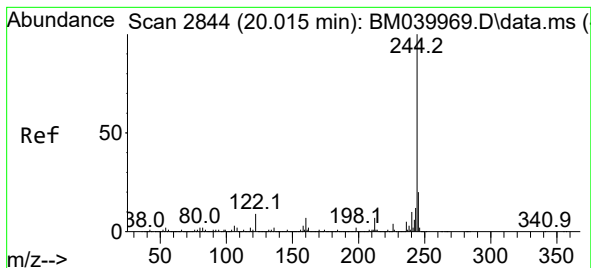
Tgt Ion:184 Resp: 1554649  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.9 17.9  
183 11.5 9.2 13.8



#78  
Pyrene  
Concen: 35.635 ng  
RT: 19.792 min Scan# 2806  
Delta R.T. -0.000 min  
Lab File: BM040108.D  
Acq: 06 Jun 2023 17:44

Tgt Ion:202 Resp: 3957236  
Ion Ratio Lower Upper  
202 100  
200 22.2 17.6 26.4  
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 76.089 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

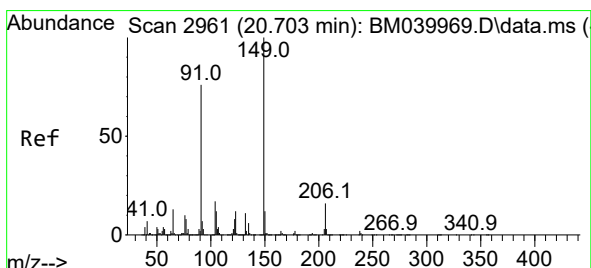
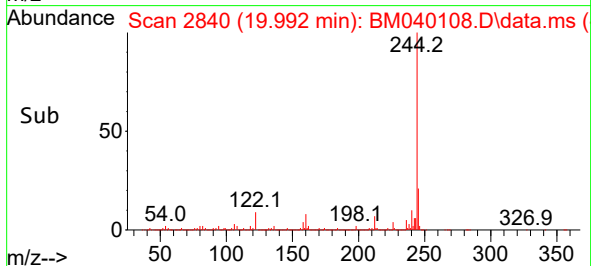
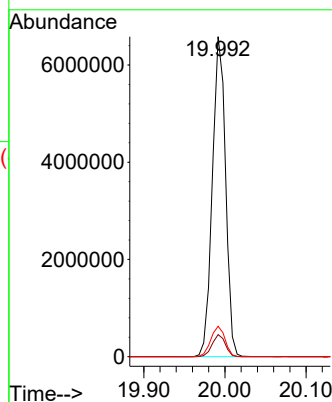
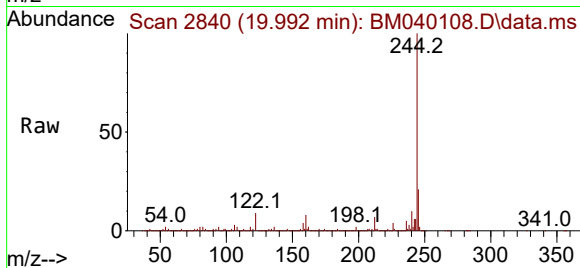
Tgt Ion:244 Resp: 7416255

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 9.5 7.1 10.7



#80

Butylbenzylphthalate

Concen: 38.524 ng

RT: 20.686 min Scan# 2958

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

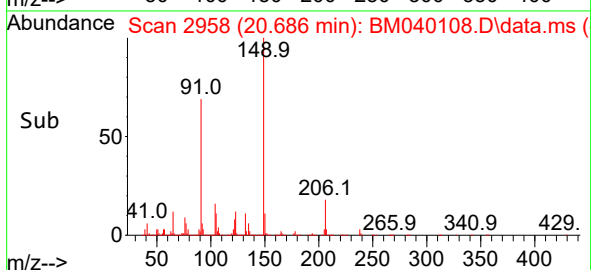
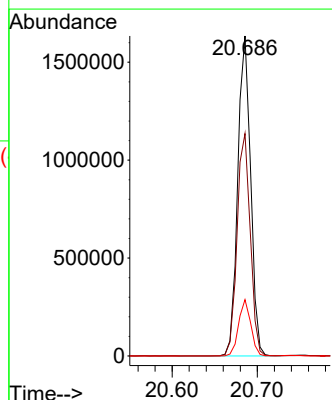
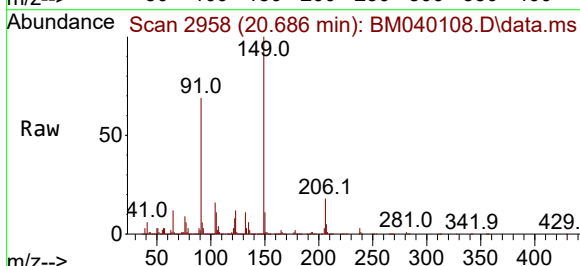
Tgt Ion:149 Resp: 1710885

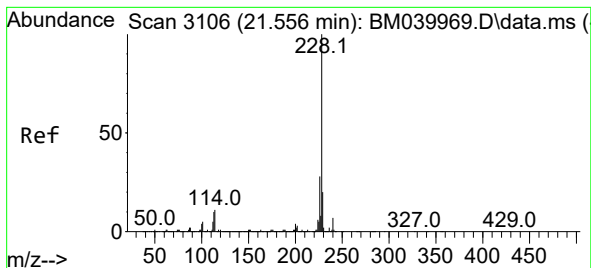
Ion Ratio Lower Upper

149 100

91 69.5 61.0 91.4

206 17.6 12.7 19.1





#81

Benzo(a)anthracene

Concen: 38.763 ng

RT: 21.538 min Scan# 3106

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

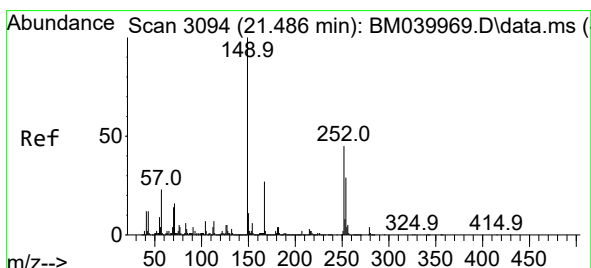
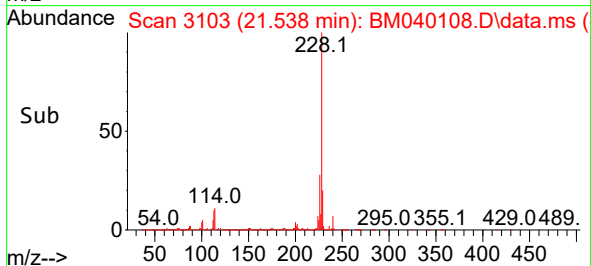
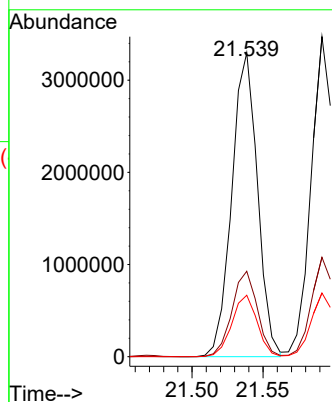
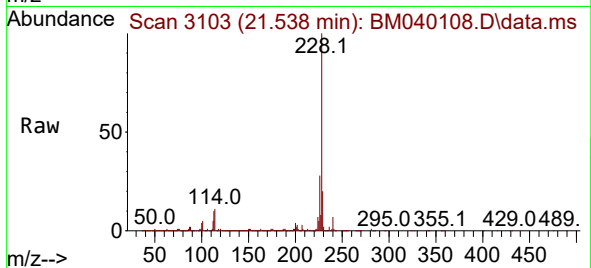
Tgt Ion:228 Resp: 4152805

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 32.819 ng

RT: 21.468 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

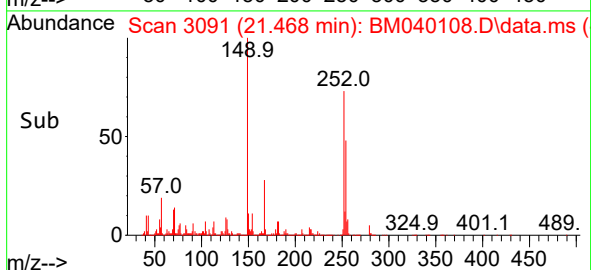
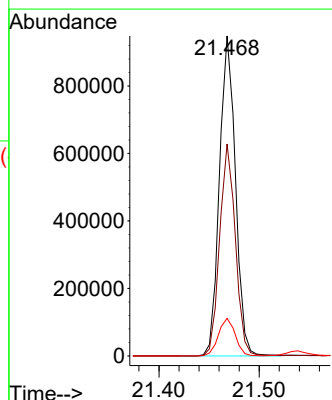
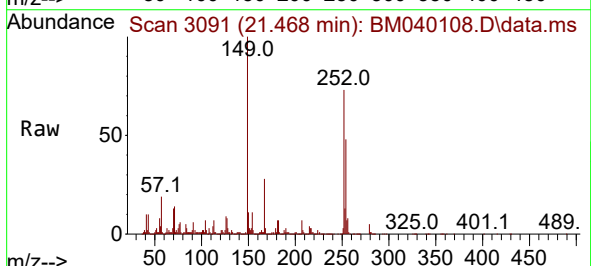
Tgt Ion:252 Resp: 1050314

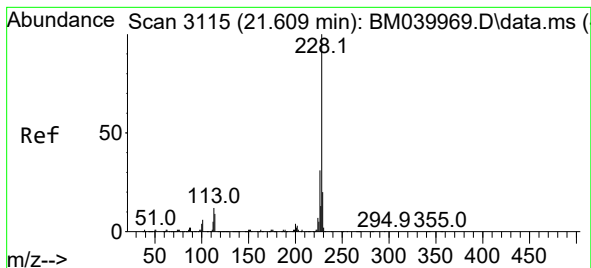
Ion Ratio Lower Upper

252 100

254 66.3 51.8 77.6

126 11.7 8.7 13.1





#83

Chrysene

Concen: 38.467 ng

RT: 21.591 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

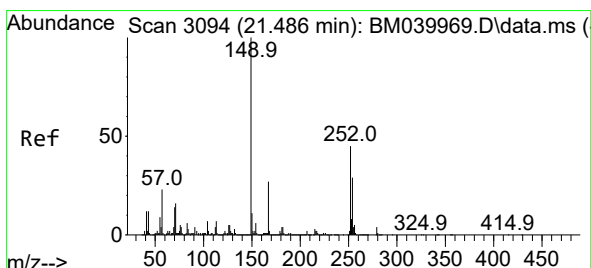
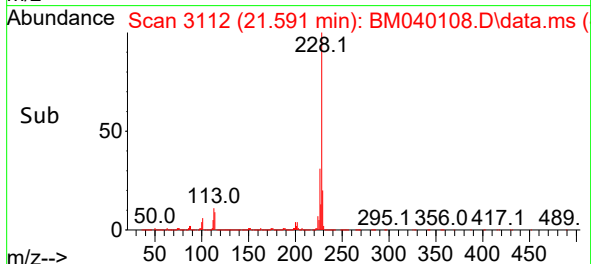
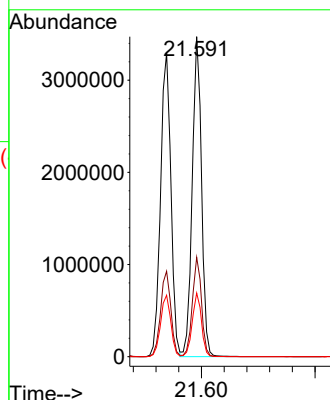
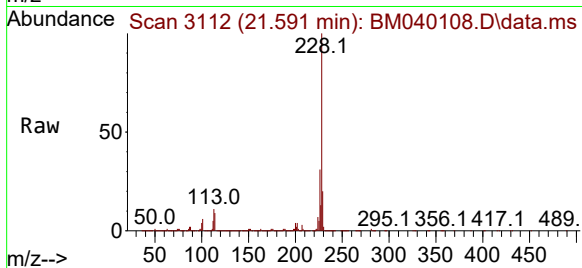
Tgt Ion:228 Resp: 3954147

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.104 ng

RT: 21.462 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

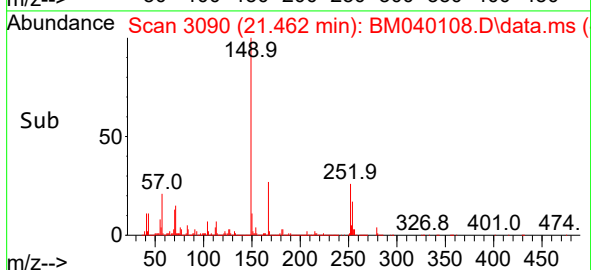
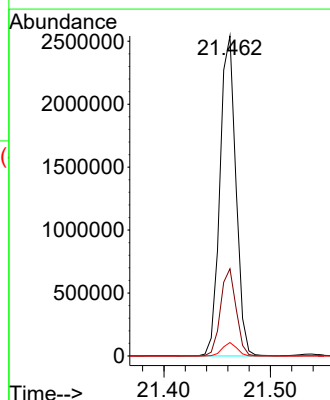
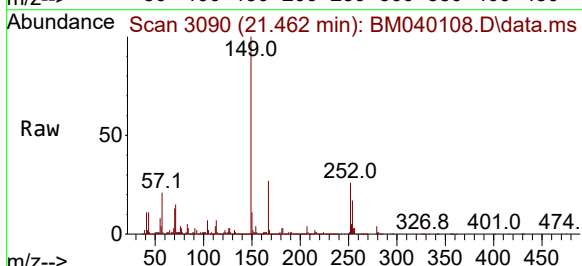
Tgt Ion:149 Resp: 2635703

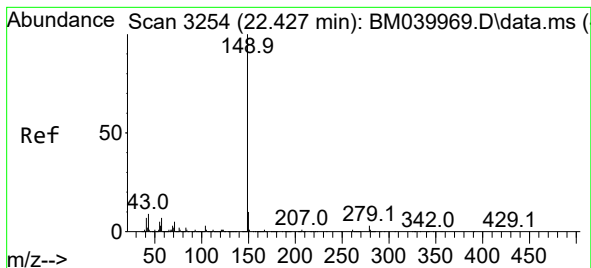
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.972 ng

RT: 22.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

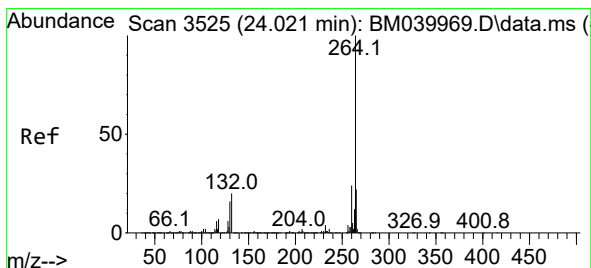
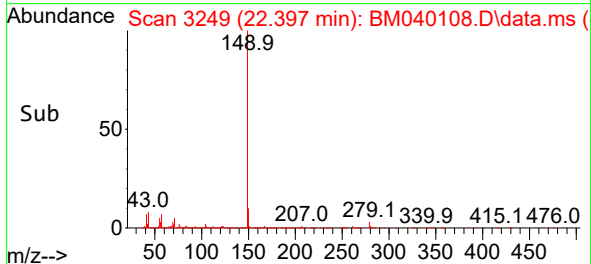
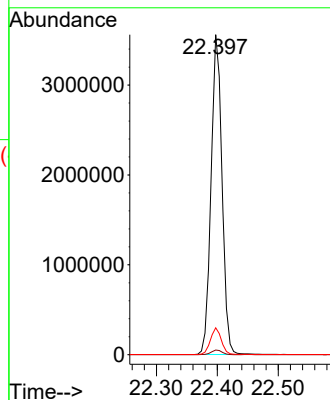
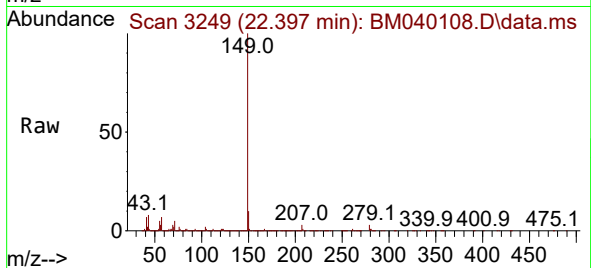
Tgt Ion:149 Resp: 4452604

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 8.3 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.991 min Scan# 3520

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

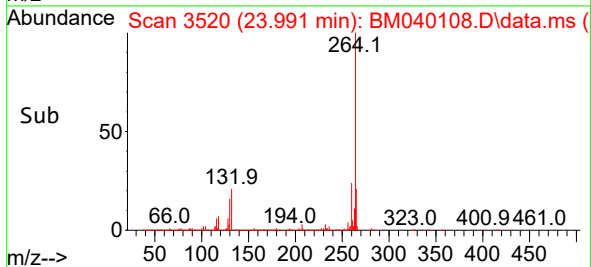
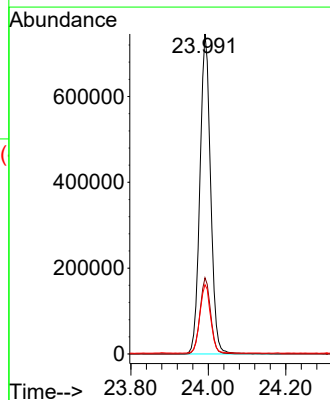
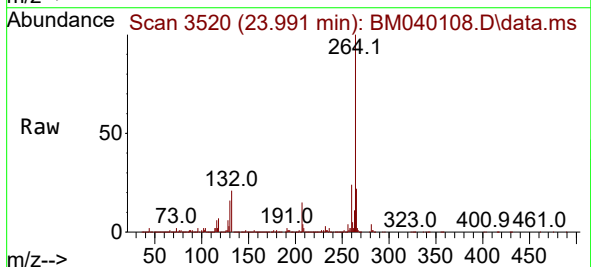
Tgt Ion:264 Resp: 1423603

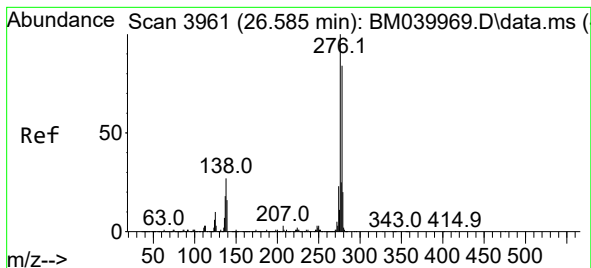
Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.6 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.956 ng

RT: 26.538 min Scan# 3394

Delta R.T. -0.006 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

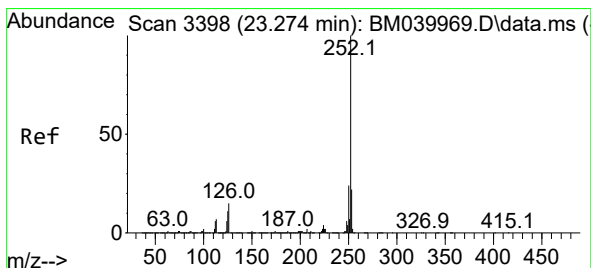
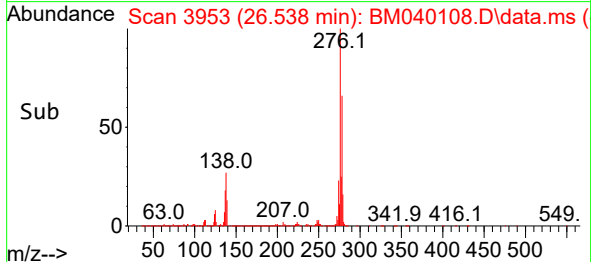
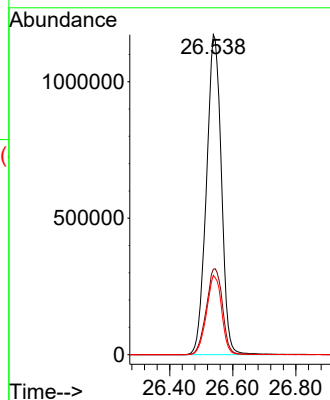
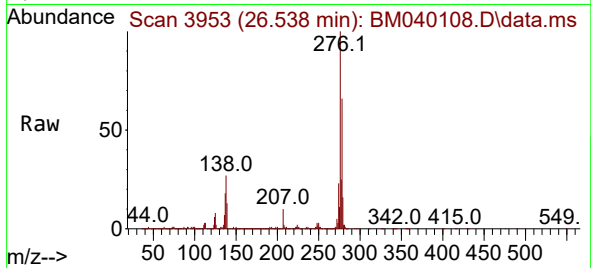
Tgt Ion:276 Resp: 3844203

Ion Ratio Lower Upper

276 100

138 29.1 23.2 34.8

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 42.457 ng

RT: 23.250 min Scan# 3394

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

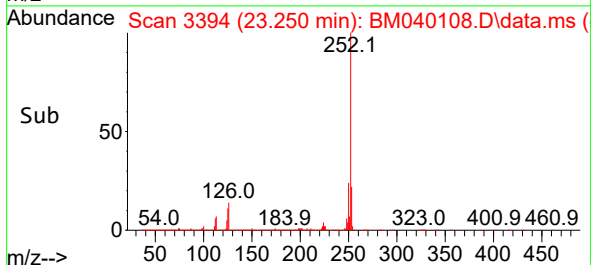
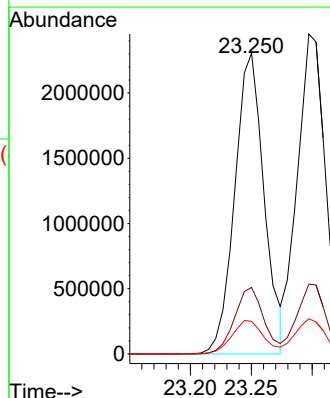
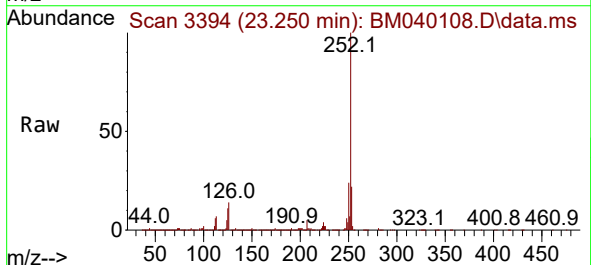
Tgt Ion:252 Resp: 3869704

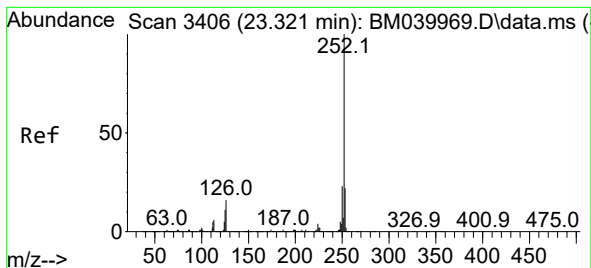
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.017 ng

RT: 23.297 min Scan# 3406

Delta R.T. -0.006 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

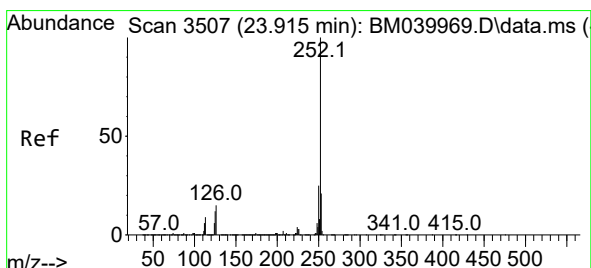
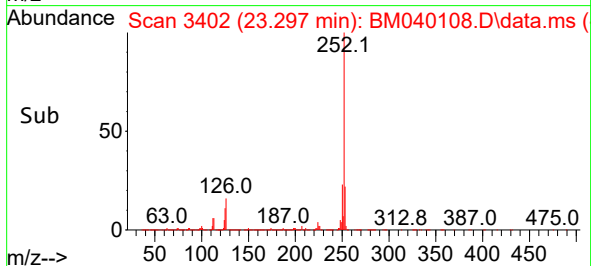
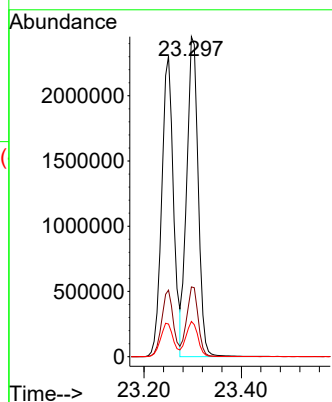
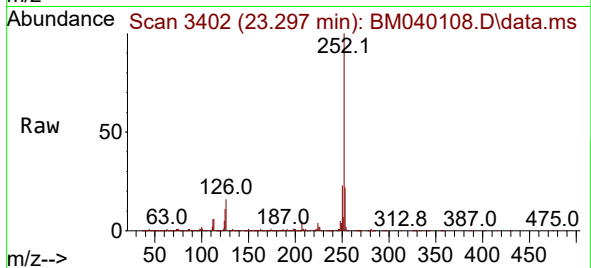
Tgt Ion:252 Resp: 3988250

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 11.0 9.0 13.4



#90

Benzo(a)pyrene

Concen: 36.327 ng

RT: 23.885 min Scan# 3502

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

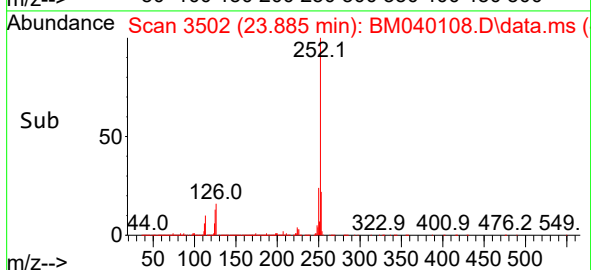
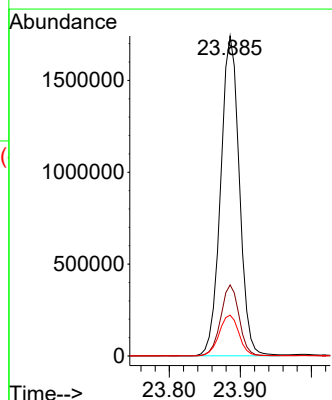
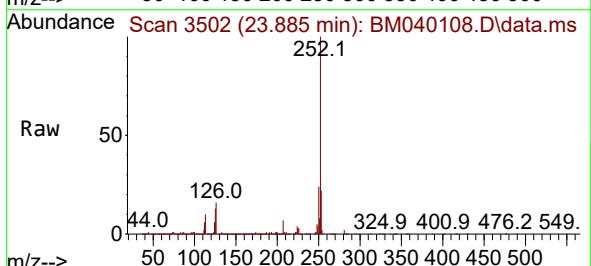
Tgt Ion:252 Resp: 3175335

Ion Ratio Lower Upper

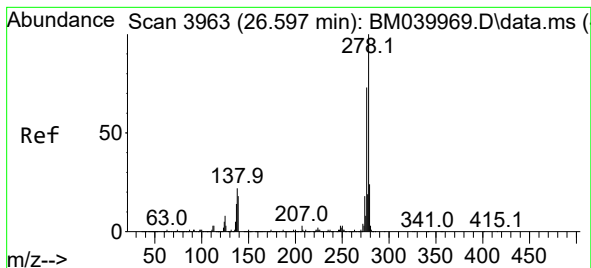
252 100

253 22.2 17.0 25.4

125 12.8 9.6 14.4







#91

Dibenzo(a,h)anthracene

Concen: 34.187 ng

RT: 26.556 min Scan# 3956

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Instrument :

BNA\_M

ClientSampleId :

TP-14-0AMS

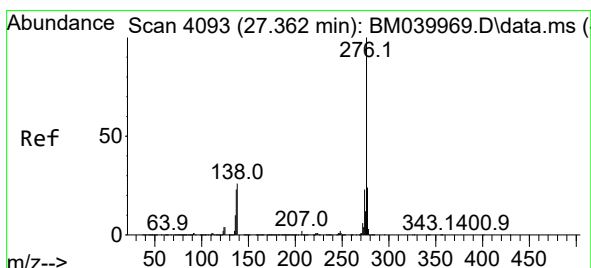
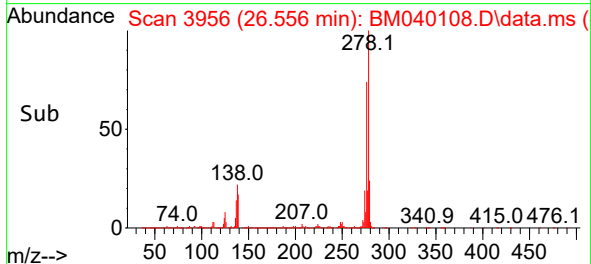
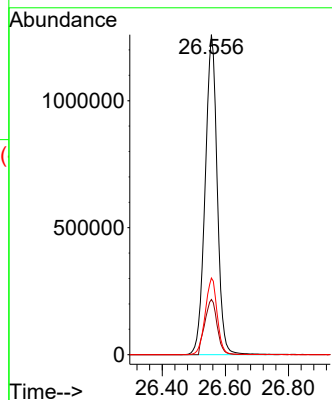
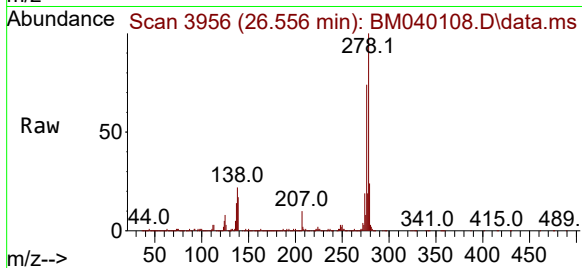
Tgt Ion:278 Resp: 3341366

Ion Ratio Lower Upper

278 100

139 17.2 14.0 21.0

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 32.254 ng

RT: 27.320 min Scan# 4086

Delta R.T. -0.000 min

Lab File: BM040108.D

Acq: 06 Jun 2023 17:44

Tgt Ion:276 Resp: 2786230

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 26.4 20.6 31.0

