

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041223\  
 Data File : BM039402.D  
 Acq On : 12 Apr 2023 14:05  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 13 01:46:45 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 11 16:05:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.863  | 152  | 242021   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.675 | 136  | 897805   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.516 | 164  | 512842   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.268 | 188  | 1007580  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.462 | 240  | 877980   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.844 | 264  | 987630   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.446  | 112  | 1307248  | 81.377 | ng    | 0.02     |
| 7) Phenol-d6                  | 7.075  | 99   | 1698222  | 81.733 | ng    | 0.04     |
| 23) Nitrobenzene-d5           | 9.039  | 82   | 1556057  | 84.237 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.015 | 330  | 539526   | 82.876 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.139 | 172  | 3247783  | 85.805 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.898 | 244  | 4214248  | 88.681 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.275  | 88   | 278727   | 42.449 | ng    | 100      |
| 3) Pyridine                   | 3.687  | 79   | 760367   | 41.336 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.599  | 42   | 291595   | 40.363 | ng    | 98       |
| 6) Aniline                    | 7.192  | 93   | 1043125  | 40.563 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.440  | 128  | 672539   | 40.904 | ng    | 98       |
| 9) Benzaldehyde               | 7.004  | 77   | 496057   | 41.923 | ng    | 99       |
| 10) Phenol                    | 7.098  | 94   | 829358   | 39.831 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.293  | 93   | 693431   | 41.397 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.745  | 146  | 724808   | 41.568 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.898  | 146  | 729501   | 41.376 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.216  | 146  | 697834   | 41.392 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.122  | 79   | 555812   | 38.893 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.398  | 45   | 921831   | 43.025 | ng    | 99       |
| 17) 2-Methylphenol            | 8.345  | 107  | 584908   | 40.151 | ng    | 100      |
| 18) Hexachloroethane          | 8.939  | 117  | 278128   | 40.781 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.681  | 70   | 536166   | 40.368 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.681  | 107  | 788150   | 40.262 | ng    | # 85     |
| 22) Acetophenone              | 8.698  | 105  | 1013134  | 42.205 | ng    | # 98     |
| 24) Nitrobenzene              | 9.081  | 77   | 768519   | 41.827 | ng    | 99       |
| 25) Isophorone                | 9.604  | 82   | 1475780  | 42.824 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.792  | 139  | 355873   | 41.899 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.875  | 122  | 600684   | 42.565 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.092 | 93   | 882101   | 42.285 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.345 | 162  | 589801   | 42.836 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.533 | 180  | 634824   | 43.096 | ng    | 99       |
| 31) Naphthalene               | 10.722 | 128  | 2059700  | 42.576 | ng    | 100      |
| 32) Benzoic acid              | 10.051 | 122  | 403563   | 36.691 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.851 | 127  | 839193   | 39.596 | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.998 | 225  | 383217   | 44.243 | ng    | 99       |
| 35) Caprolactam               | 11.651 | 113  | 191200   | 39.993 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.004 | 107  | 640238   | 42.145 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.339 | 142  | 1425099  | 42.316 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.557 | 142  | 1334769  | 42.328 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.704 | 216  | 680113   | 43.557 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.680 | 237  | 378940   | 44.423 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.963 | 196  | 457109   | 42.927 | ng    | 100      |

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 ALS Vial : 2 Sample Multiplier: 1

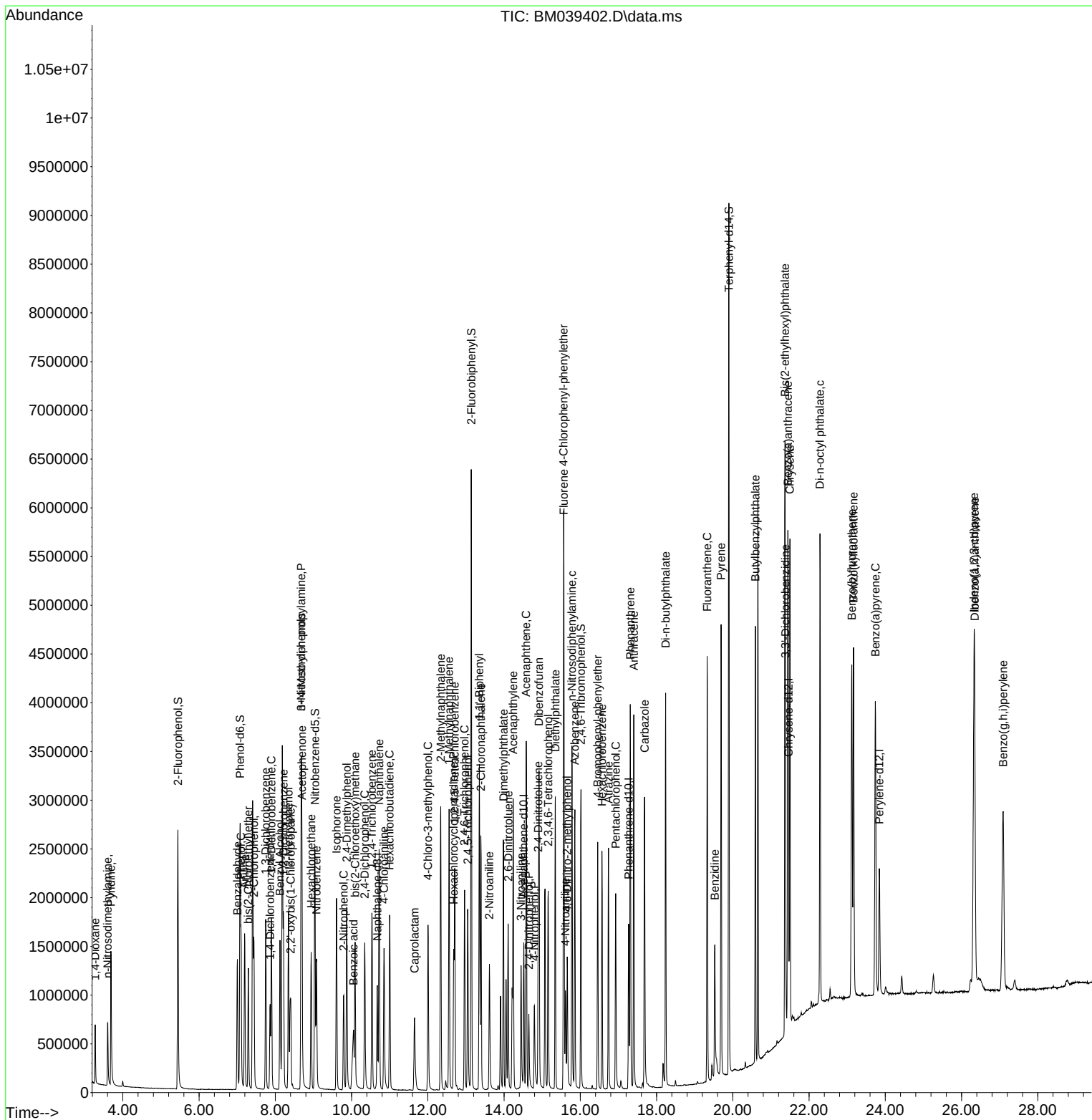
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

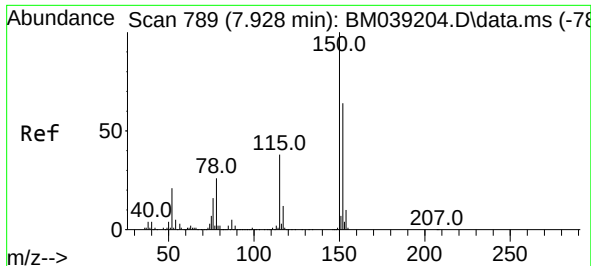
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 11 16:05:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.045 | 196  | 522055   | 41.819 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.351 | 154  | 1733223  | 42.798 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.392 | 162  | 1290693  | 42.092 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.616 | 65   | 407692   | 39.509 | ng    | 99       |
| 49) Acenaphthylene            | 14.239 | 152  | 2137403  | 42.411 | ng    | 100      |
| 50) Dimethylphthalate         | 13.986 | 163  | 1670026  | 42.254 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.110 | 165  | 362806   | 42.687 | ng    | 99       |
| 52) Acenaphthene              | 14.580 | 154  | 1262064  | 42.410 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.445 | 138  | 366778   | 37.329 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.651 | 184  | 186054   | 36.964 | ng    | 98       |
| 55) Dibenzofuran              | 14.916 | 168  | 2008496  | 41.922 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.798 | 139  | 288099   | 38.024 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.898 | 165  | 482639   | 41.978 | ng    | 97       |
| 58) Fluorene                  | 15.568 | 166  | 1593957  | 42.015 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 418078   | 42.098 | ng    | 99       |
| 60) Diethylphthalate          | 15.345 | 149  | 1694902  | 42.606 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.563 | 204  | 791446   | 42.094 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.610 | 138  | 311774   | 30.921 | ng    | 100      |
| 63) Azobenzene                | 15.857 | 77   | 1681667  | 42.193 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 198  | 281298   | 42.437 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.780 | 169  | 1363859  | 42.956 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.457 | 248  | 473555   | 44.009 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.568 | 284  | 503382   | 43.144 | ng    | 97       |
| 69) Atrazine                  | 16.739 | 200  | 437479   | 43.504 | ng    | 98       |
| 70) Pentachlorophenol         | 16.927 | 266  | 360435   | 43.059 | ng    | 100      |
| 71) Phenanthrene              | 17.309 | 178  | 2349746  | 42.581 | ng    | 100      |
| 72) Anthracene                | 17.404 | 178  | 2424497  | 43.087 | ng    | 100      |
| 73) Carbazole                 | 17.686 | 167  | 2173045  | 41.329 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.239 | 149  | 2940899  | 45.216 | ng    | 99       |
| 75) Fluoranthene              | 19.327 | 202  | 2691370  | 42.785 | ng    | 100      |
| 77) Benzidine                 | 19.527 | 184  | 1156392  | 49.935 | ng    | 99       |
| 78) Pyrene                    | 19.692 | 202  | 2785941  | 44.573 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.592 | 149  | 1323574  | 46.223 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.445 | 228  | 2583573  | 41.724 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.380 | 252  | 869879   | 42.171 | ng    | 99       |
| 83) Chrysene                  | 21.497 | 228  | 2574500  | 43.069 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.368 | 149  | 1973982  | 46.677 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.286 | 149  | 3440552  | 45.156 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.327 | 276  | 3057934  | 42.023 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.121 | 252  | 2542078  | 42.066 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.168 | 252  | 2601929  | 42.270 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.738 | 252  | 2523481  | 42.508 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.344 | 278  | 2581682  | 42.252 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.091 | 276  | 2544008  | 42.336 | ng    | 100      |

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

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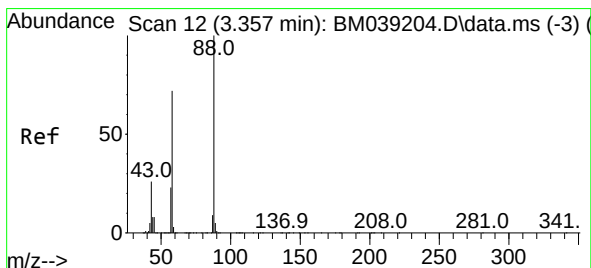
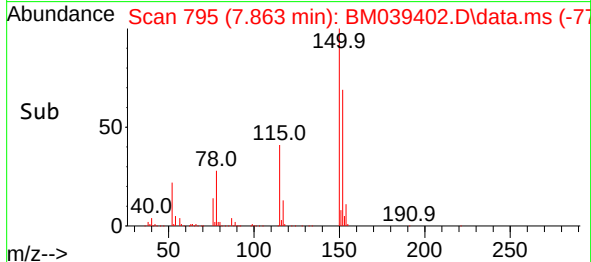
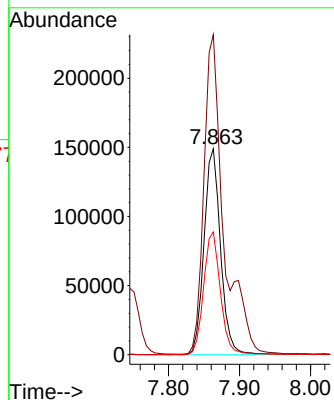
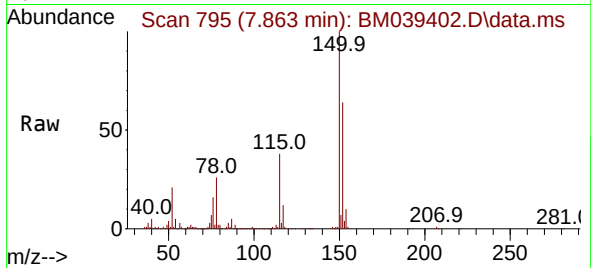




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.863 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

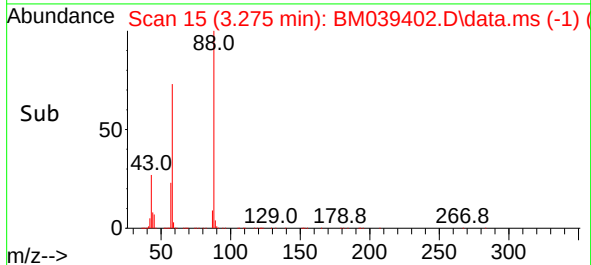
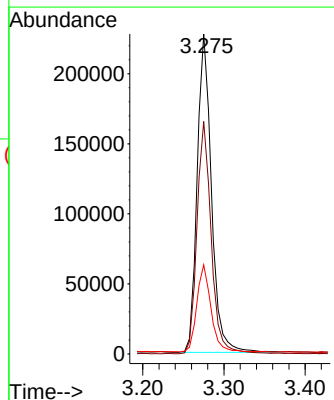
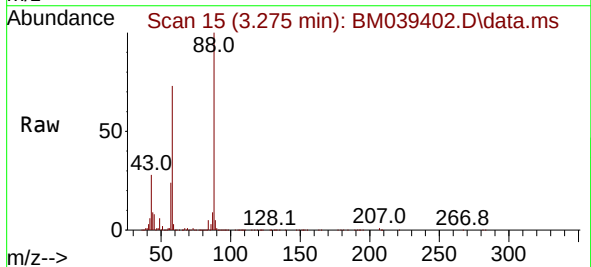
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

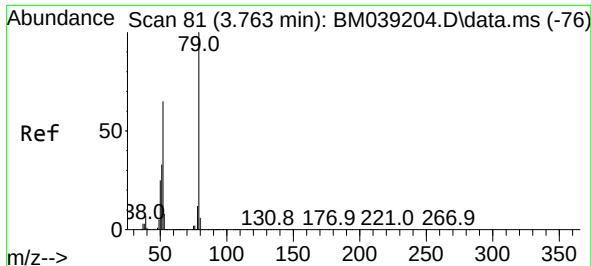
Tgt Ion:152 Resp: 242021  
Ion Ratio Lower Upper  
152 100  
150 155.4 125.5 188.3  
115 59.6 48.1 72.1



#2  
1,4-Dioxane  
Concen: 42.449 ng  
RT: 3.275 min Scan# 15  
Delta R.T. -0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion: 88 Resp: 278727  
Ion Ratio Lower Upper  
88 100  
58 72.9 57.9 86.9  
43 26.8 21.4 32.2



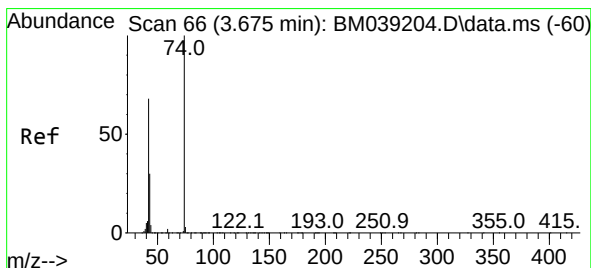
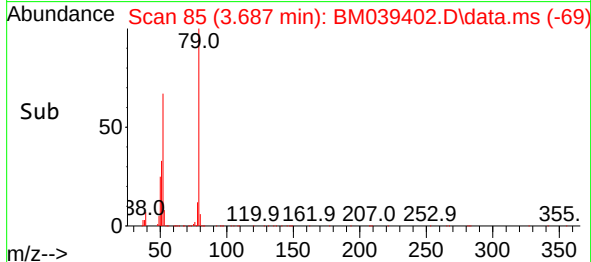
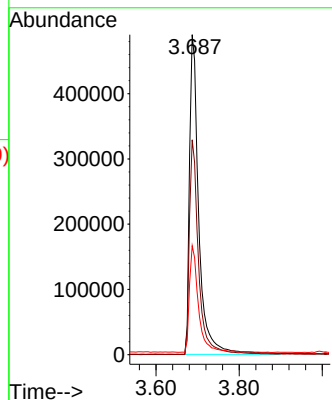
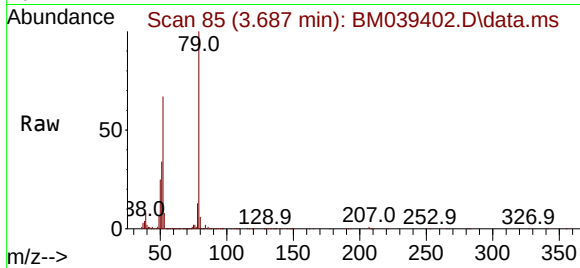


#3  
 Pyridine  
 Concen: 41.336 ng  
 RT: 3.687 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BM039402.D  
 Acq: 12 Apr 2023 14:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 79 Resp: 760367  

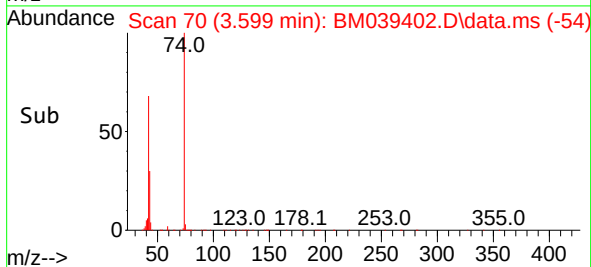
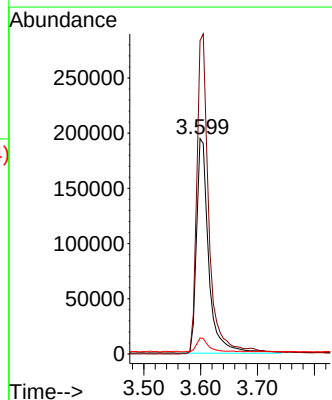
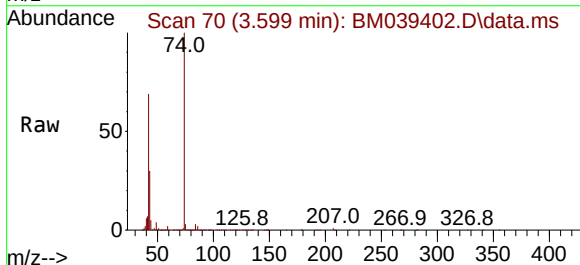
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 67.1  | 52.0  | 78.0  |
| 51  | 34.1  | 26.4  | 39.6  |

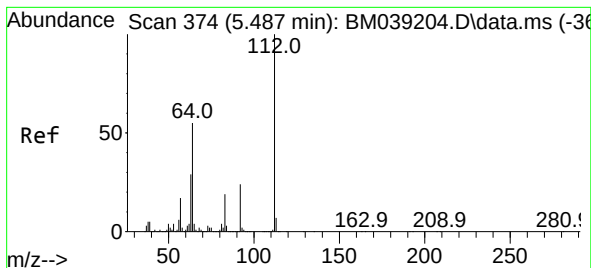


#4  
 n-Nitrosodimethylamine  
 Concen: 40.363 ng  
 RT: 3.599 min Scan# 70  
 Delta R.T. -0.006 min  
 Lab File: BM039402.D  
 Acq: 12 Apr 2023 14:05

Tgt Ion: 42 Resp: 291595  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 145.5 | 118.1 | 177.1 |
| 44  | 7.4   | 6.3   | 9.5   |





#5

2-Fluorophenol

Concen: 81.377 ng

RT: 5.446 min Scan# 31

Delta R.T. 0.024 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

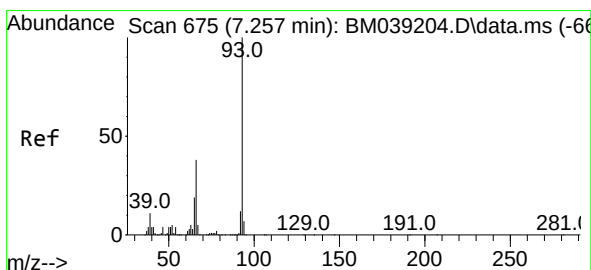
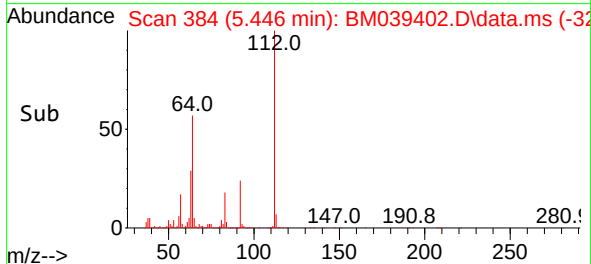
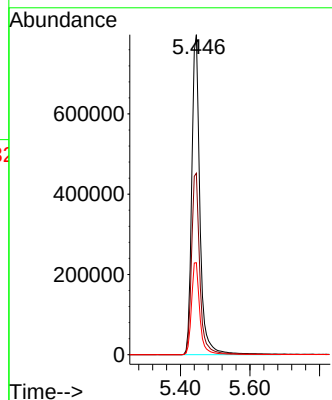
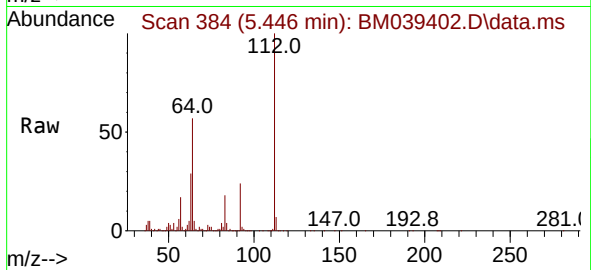
Tgt Ion:112 Resp: 1307248

Ion Ratio Lower Upper

112 100

64 56.7 44.3 66.5

63 28.8 23.0 34.6



#6

Aniline

Concen: 40.563 ng

RT: 7.192 min Scan# 681

Delta R.T. 0.000 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

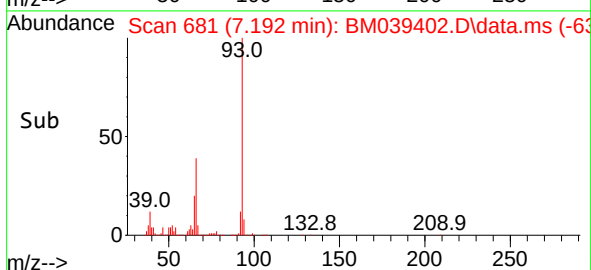
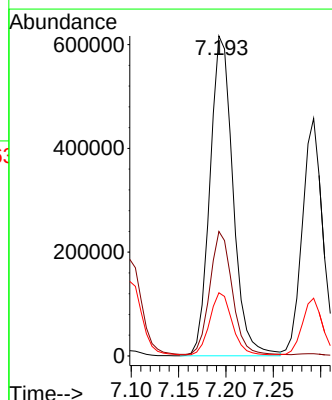
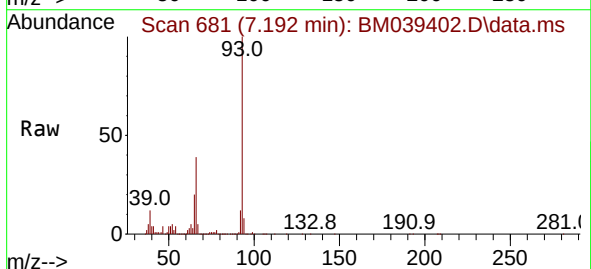
Tgt Ion: 93 Resp: 1043125

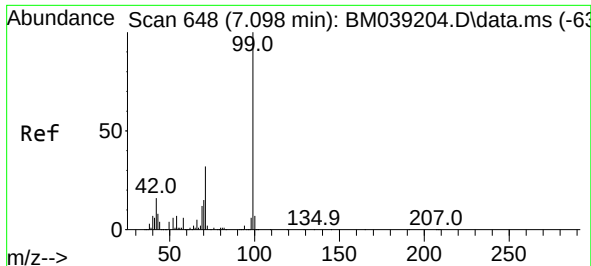
Ion Ratio Lower Upper

93 100

66 38.9 30.1 45.1

65 19.8 15.5 23.3

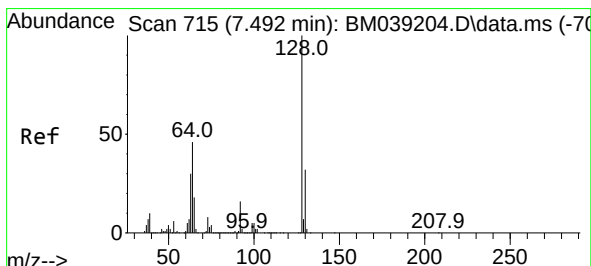
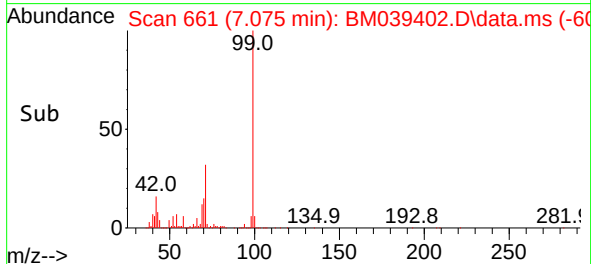
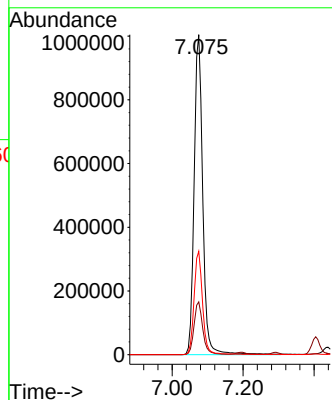
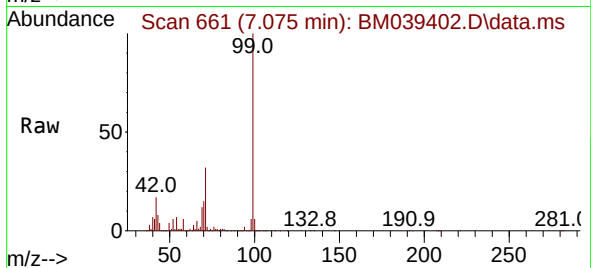




#7  
Phenol-d6  
Concen: 81.733 ng  
RT: 7.075 min Scan# 60  
Delta R.T. 0.041 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

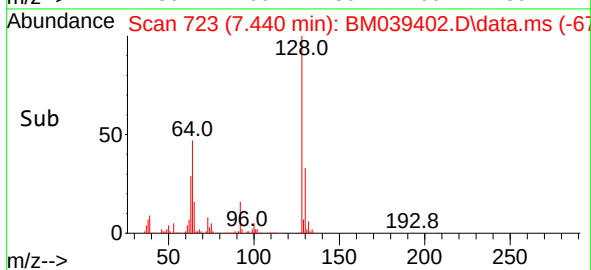
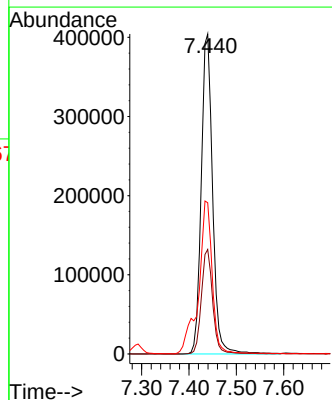
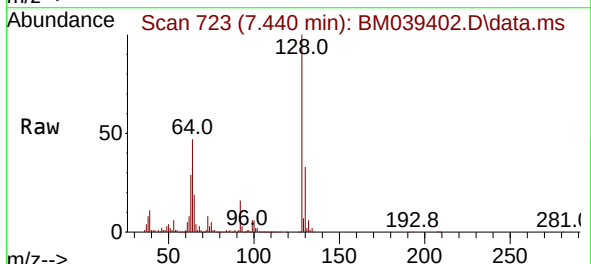
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

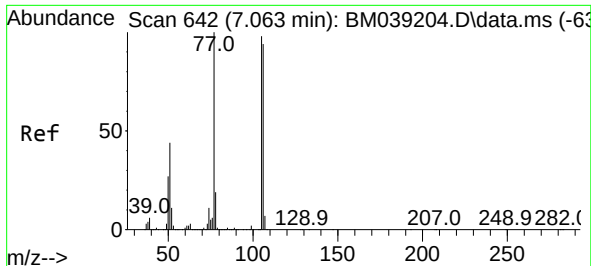
Tgt Ion: 99 Resp: 1698222  
Ion Ratio Lower Upper  
99 100  
42 16.5 13.0 19.6  
71 32.3 25.5 38.3



#8  
2-Chlorophenol  
Concen: 40.904 ng  
RT: 7.440 min Scan# 723  
Delta R.T. 0.012 min  
Lab File: BM039402.D  
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Tgt Ion: 128 Resp: 672539  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.2 52.2  
64 47.2 25.9 65.9

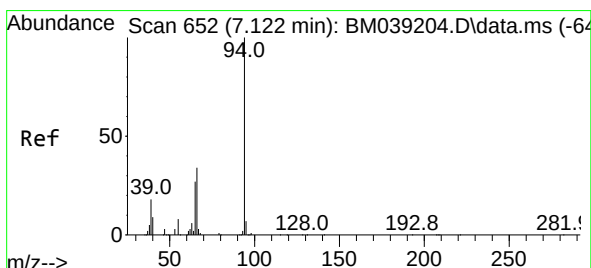
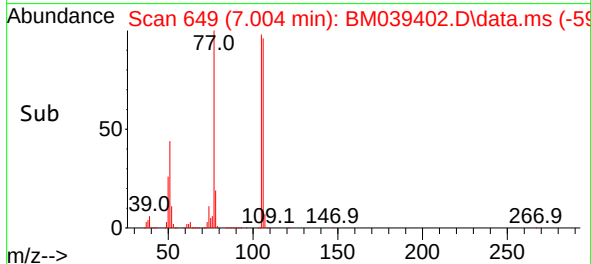
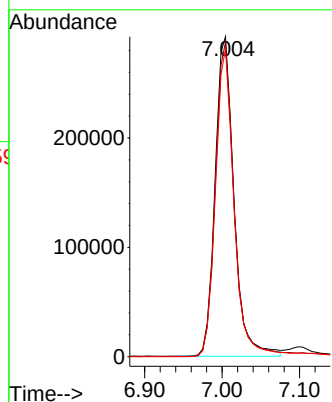
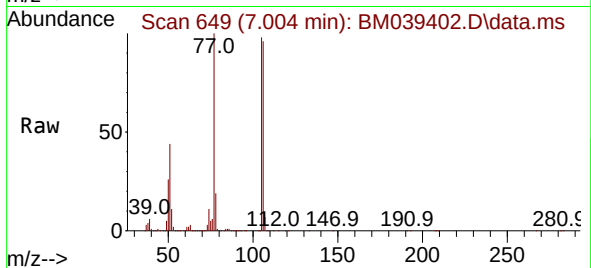




#9  
Benzaldehyde  
Concen: 41.923 ng  
RT: 7.004 min Scan# 642  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

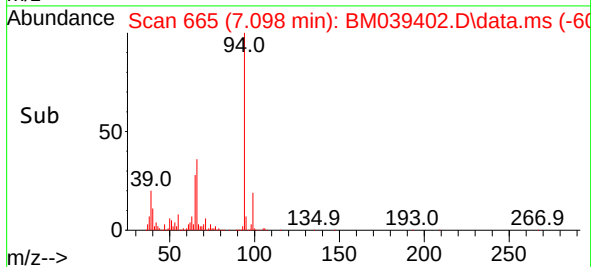
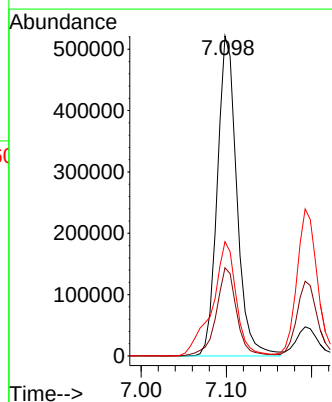
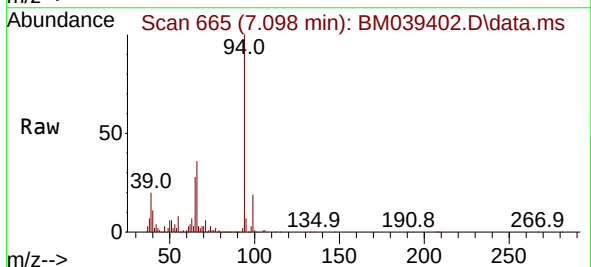
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 496057  
Ion Ratio Lower Upper  
77 100  
105 98.3 78.2 118.2  
106 96.3 73.8 113.8

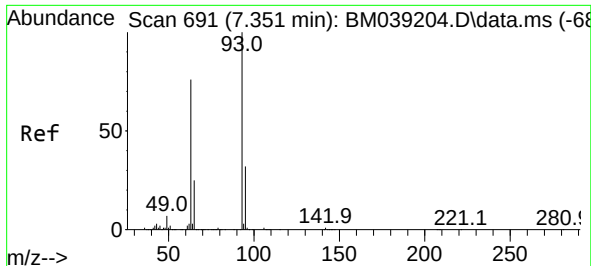


#10  
Phenol  
Concen: 39.831 ng  
RT: 7.098 min Scan# 665  
Delta R.T. 0.035 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion: 94 Resp: 829358  
Ion Ratio Lower Upper  
94 100  
65 27.5 7.2 47.2  
66 35.7 15.2 55.2



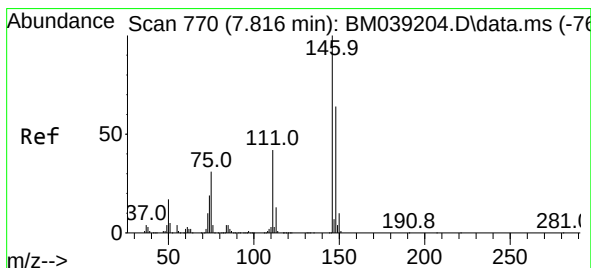
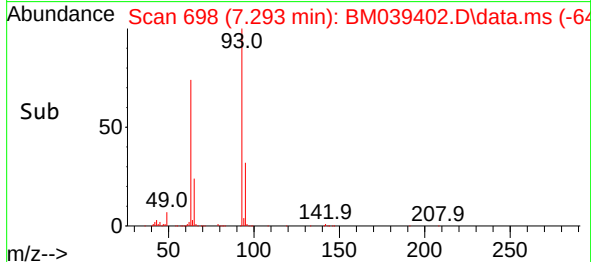
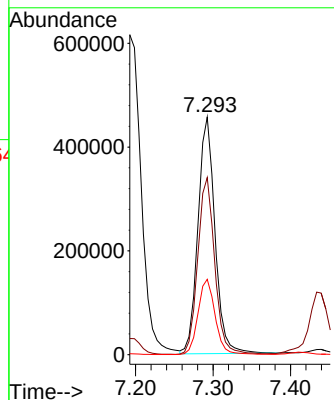
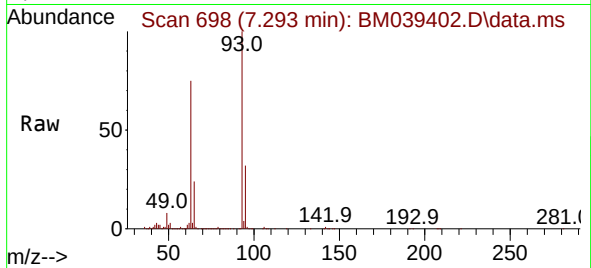




#11  
bis(2-Chloroethyl)ether  
Concen: 41.397 ng  
RT: 7.293 min Scan# 691  
Delta R.T. 0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

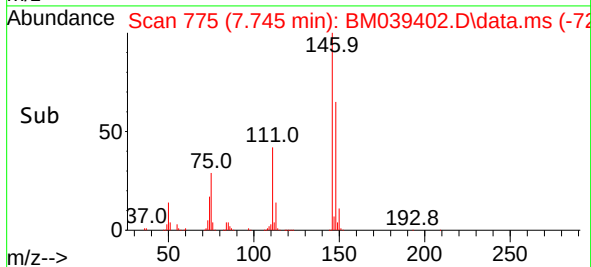
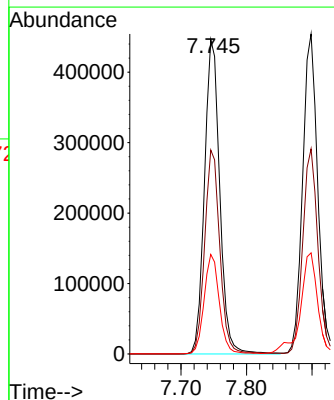
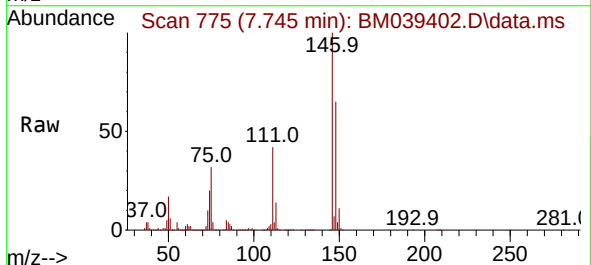
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

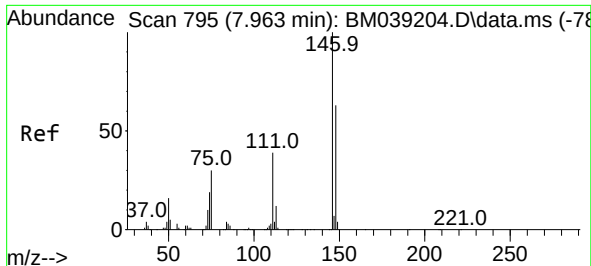
Tgt Ion: 93 Resp: 693431  
Ion Ratio Lower Upper  
93 100  
63 74.5 55.5 95.5  
95 31.7 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 41.568 ng  
RT: 7.745 min Scan# 775  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:146 Resp: 724808  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.2 76.8  
75 31.6 25.2 37.8

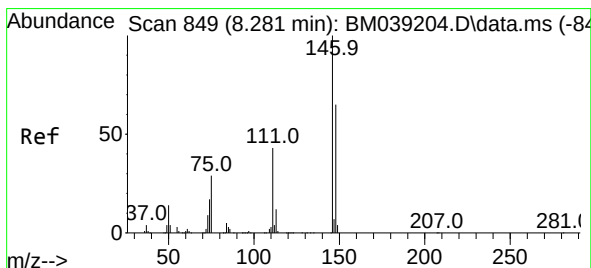
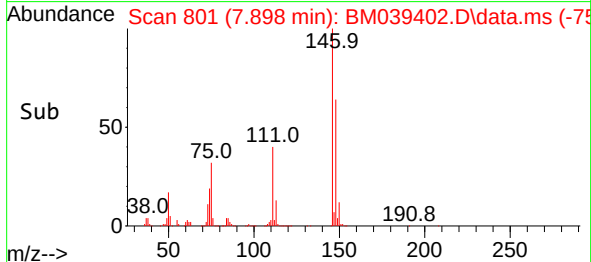
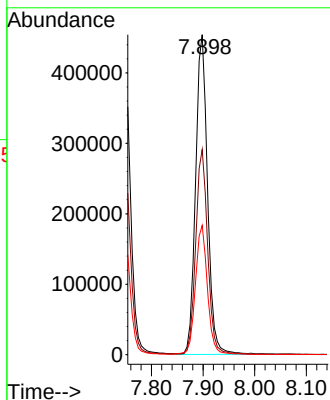
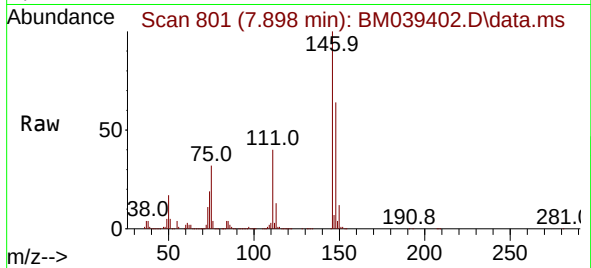




#13  
1,4-Dichlorobenzene  
Concen: 41.376 ng  
RT: 7.898 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

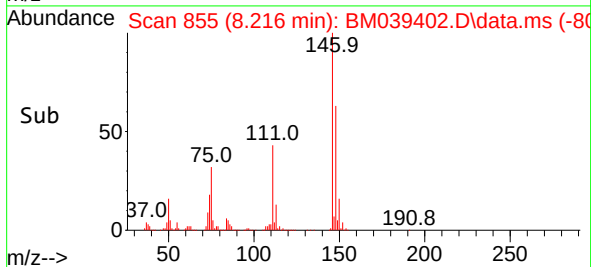
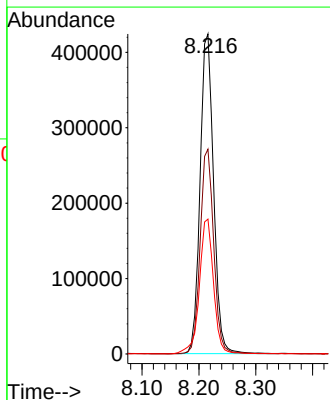
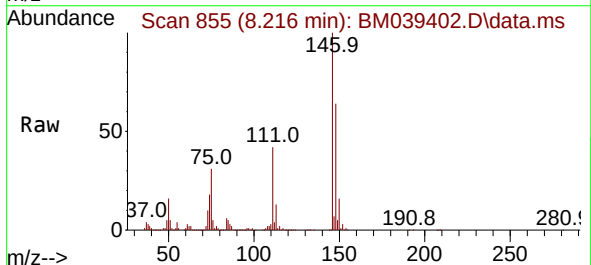
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

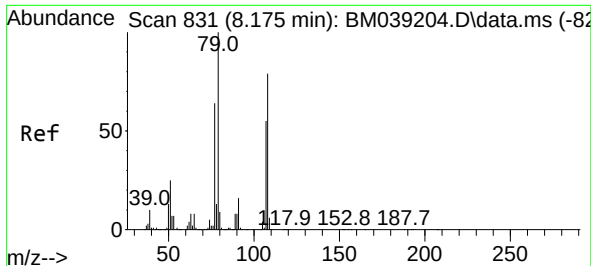
Tgt Ion:146 Resp: 729501  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.8 76.2  
111 40.4 31.5 47.3



#14  
1,2-Dichlorobenzene  
Concen: 41.392 ng  
RT: 8.216 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:146 Resp: 697834  
Ion Ratio Lower Upper  
146 100  
148 64.0 52.1 78.1  
111 42.2 34.5 51.7

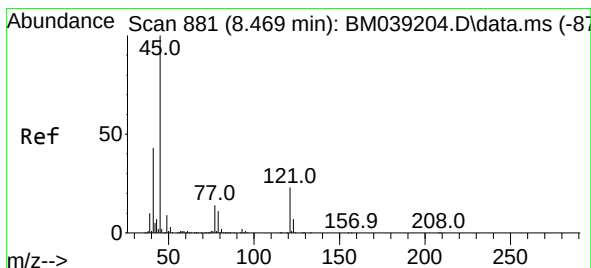
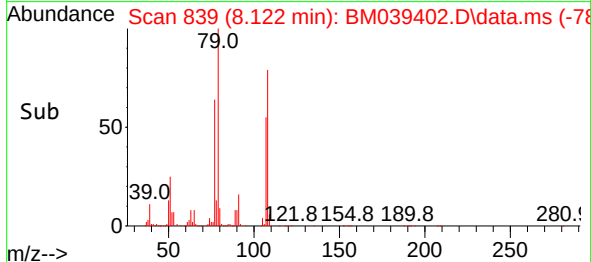
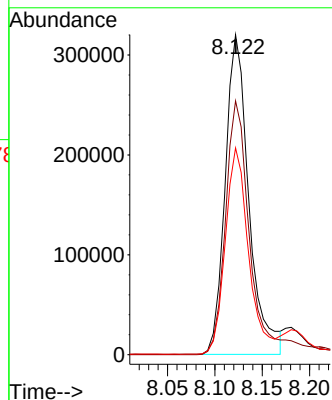
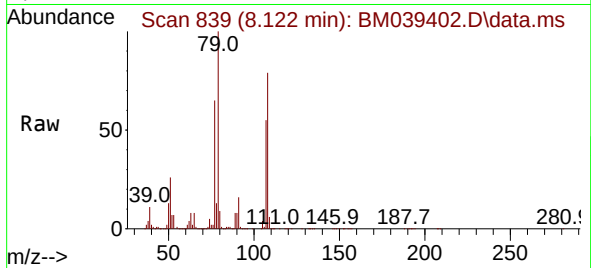




#15  
Benzyl Alcohol  
Concen: 38.893 ng  
RT: 8.122 min Scan# 811  
Delta R.T. 0.012 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

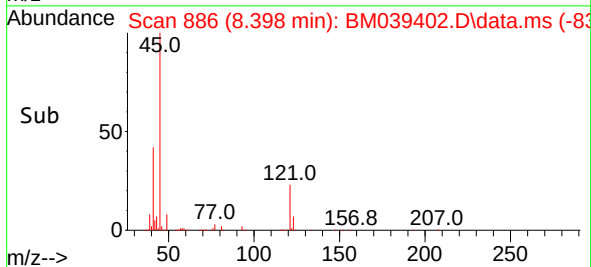
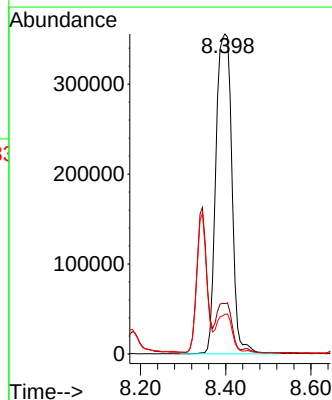
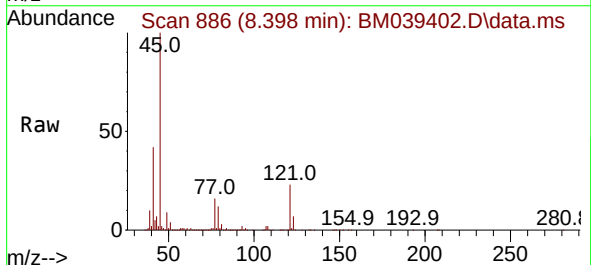
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

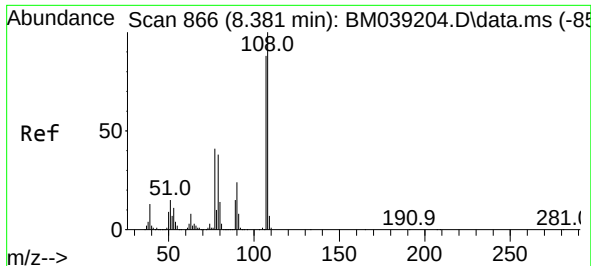
Tgt Ion: 79 Resp: 555812  
Ion Ratio Lower Upper  
79 100  
108 79.3 63.4 95.0  
77 64.6 51.5 77.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.025 ng  
RT: 8.398 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion: 45 Resp: 921831  
Ion Ratio Lower Upper  
45 100  
77 15.7 0.0 35.1  
79 12.4 0.0 32.2

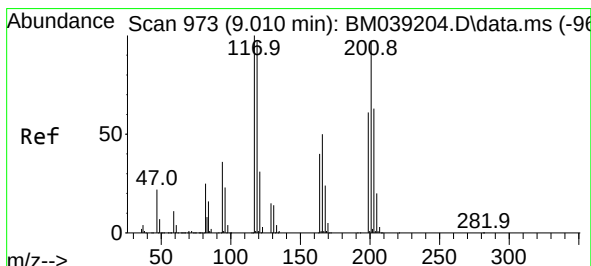
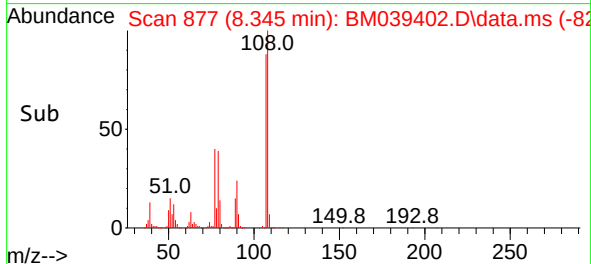
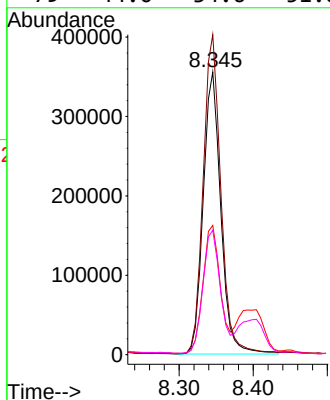
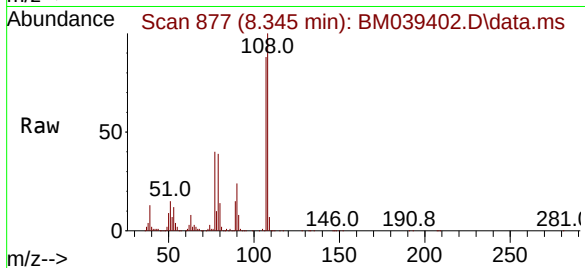




#17  
2-Methylphenol  
Concen: 40.151 ng  
RT: 8.345 min Scan# 81  
Delta R.T. 0.029 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

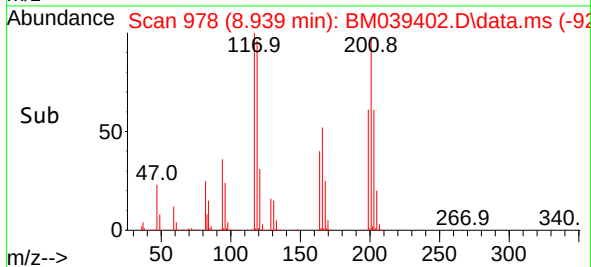
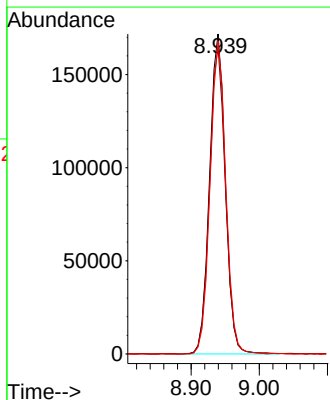
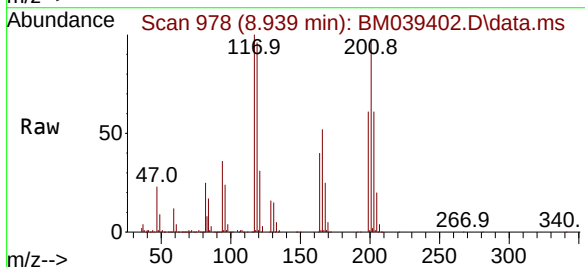
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

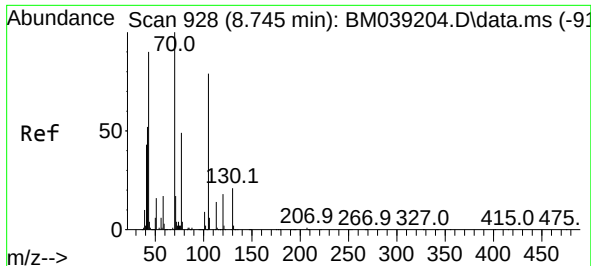
Tgt Ion:107 Resp: 584908  
Ion Ratio Lower Upper  
107 100  
108 113.2 90.6 136.0  
77 45.8 37.0 55.4  
79 44.0 34.6 51.8



#18  
Hexachloroethane  
Concen: 40.781 ng  
RT: 8.939 min Scan# 978  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:117 Resp: 278128  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.8 116.8  
201 97.8 77.3 115.9

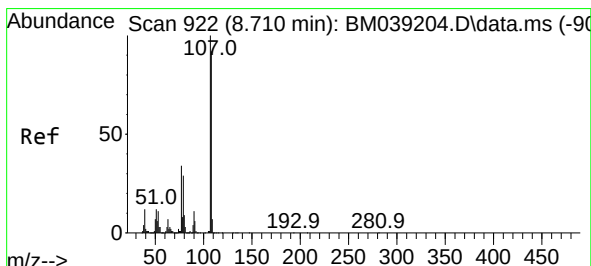
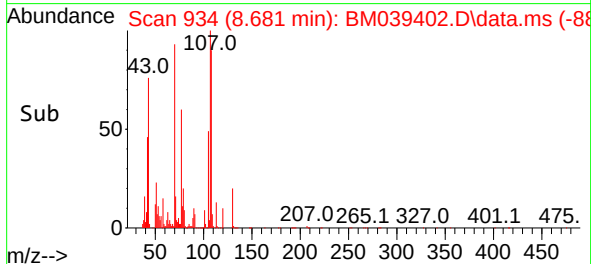
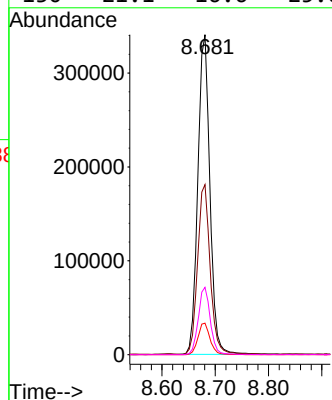
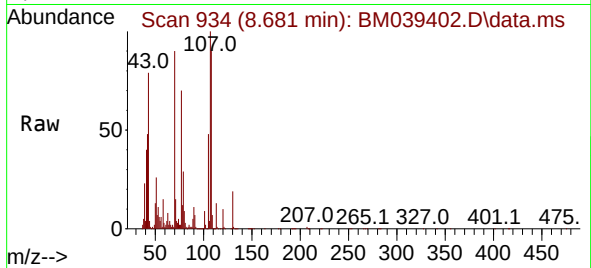




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.368 ng  
RT: 8.681 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

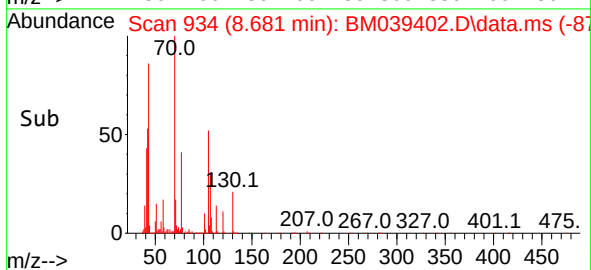
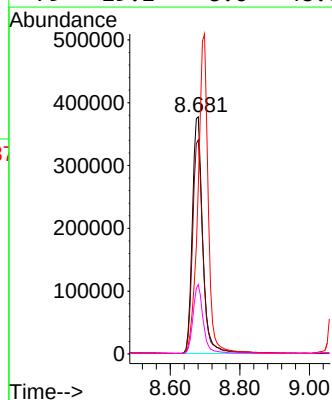
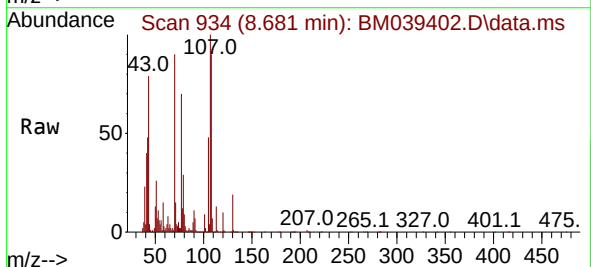
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

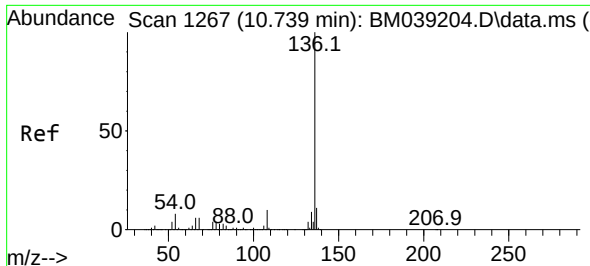
Tgt Ion: 70 Resp: 536166  
Ion Ratio Lower Upper  
70 100  
42 53.2 42.2 63.2  
101 9.8 7.6 11.4  
130 21.1 16.6 25.0



#20  
3+4-Methylphenols  
Concen: 40.262 ng  
RT: 8.681 min Scan# 934  
Delta R.T. 0.029 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion: 107 Resp: 788150  
Ion Ratio Lower Upper  
107 100  
108 90.2 72.1 112.1  
77 70.5 13.7 53.7#  
79 29.2 8.6 48.6

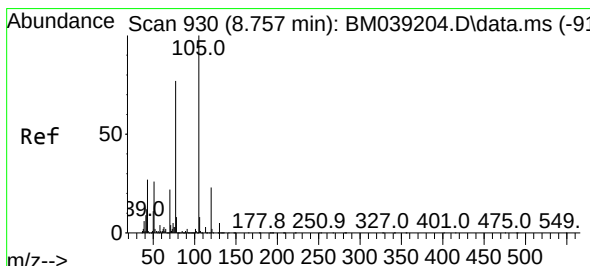
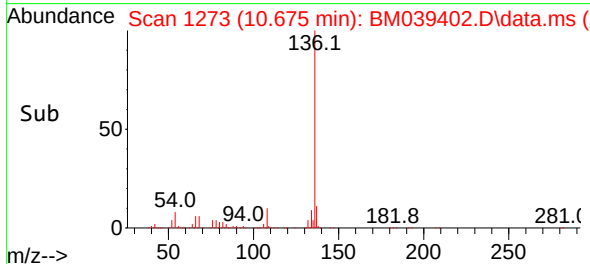
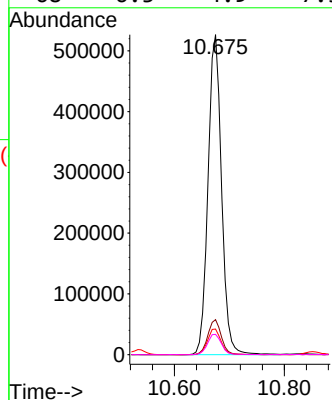
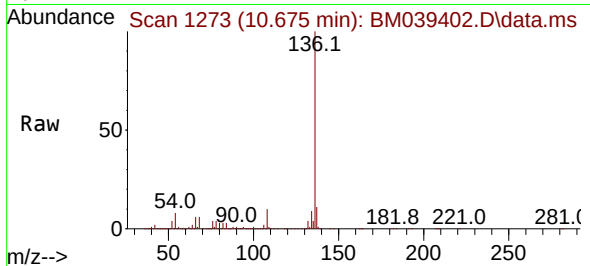




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.675 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

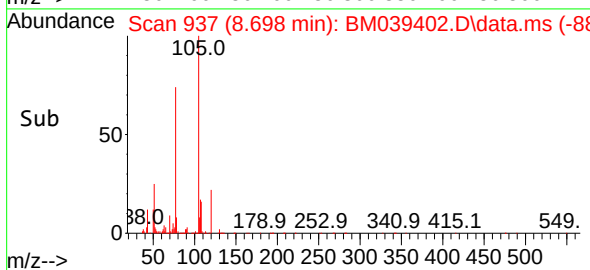
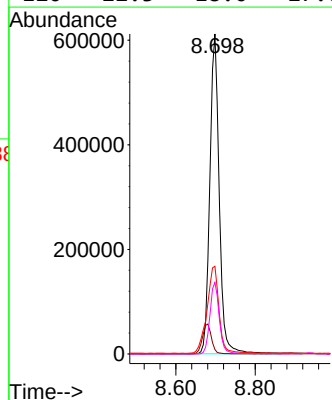
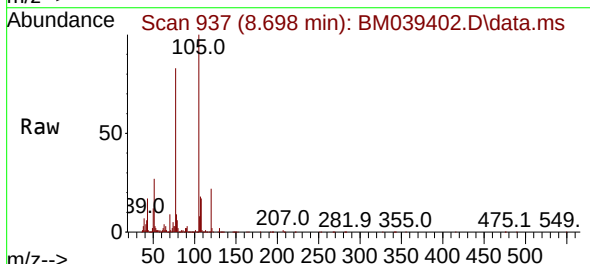
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

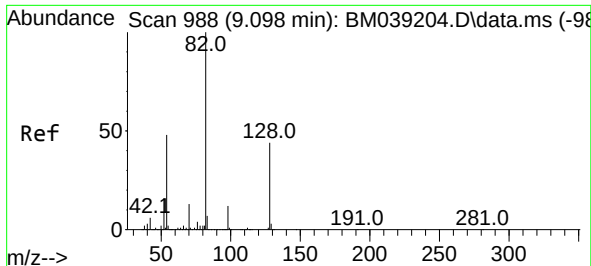
Tgt Ion:136 Resp: 897805  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 8.0 6.2 9.4  
68 6.3 4.9 7.3



#22  
Acetophenone  
Concen: 42.205 ng  
RT: 8.698 min Scan# 937  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:105 Resp: 1013134  
Ion Ratio Lower Upper  
105 100  
71 1.4 2.8 4.2#  
51 27.4 20.6 31.0  
120 22.3 18.0 27.0





#23

Nitrobenzene-d5

Concen: 84.237 ng

RT: 9.039 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

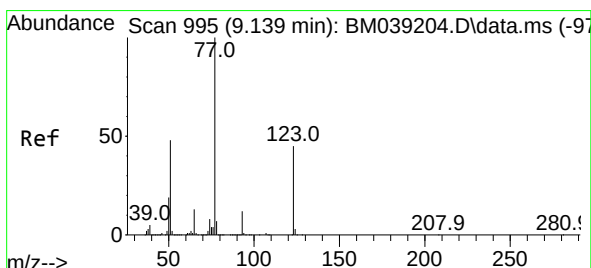
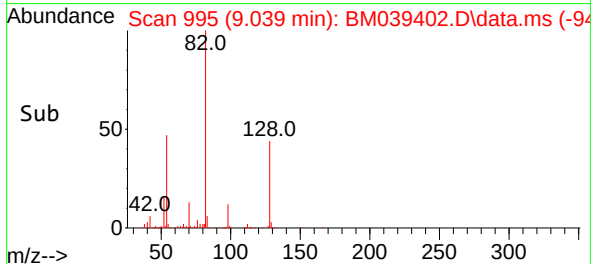
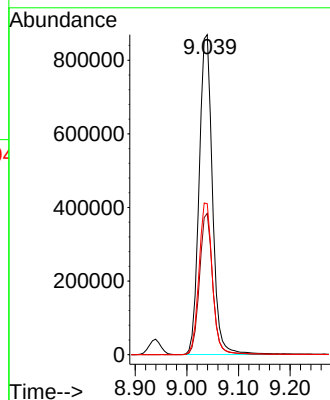
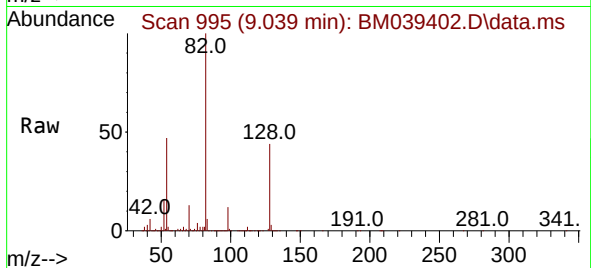
Tgt Ion: 82 Resp: 1556057

Ion Ratio Lower Upper

82 100

128 44.2 35.1 52.7

54 47.2 38.5 57.7



#24

Nitrobenzene

Concen: 41.827 ng

RT: 9.081 min Scan# 1002

Delta R.T. 0.006 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

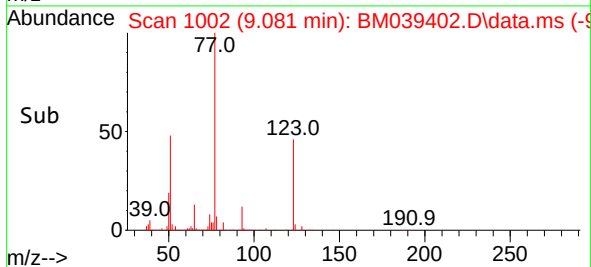
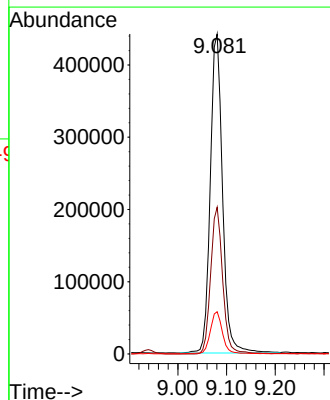
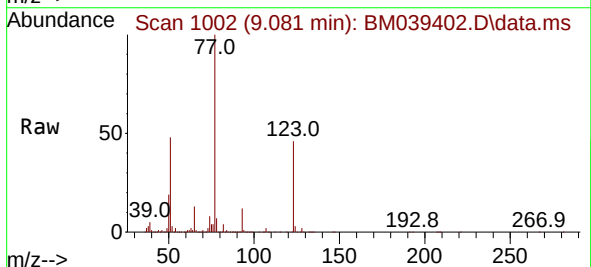
Tgt Ion: 77 Resp: 768519

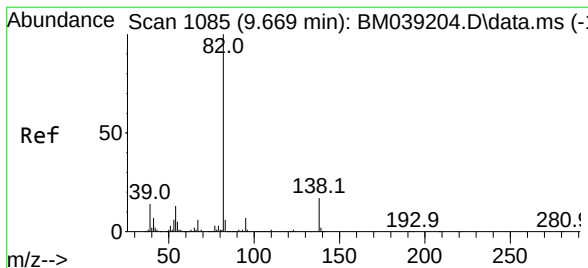
Ion Ratio Lower Upper

77 100

123 45.8 36.2 54.2

65 13.2 10.6 15.8





#25

Isophorone

Concen: 42.824 ng

RT: 9.604 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

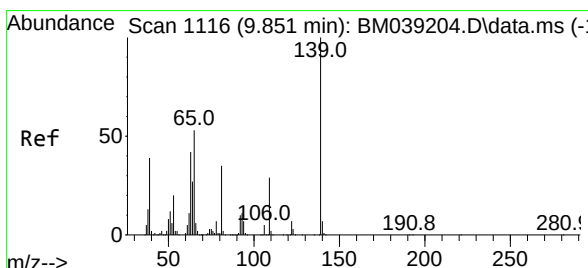
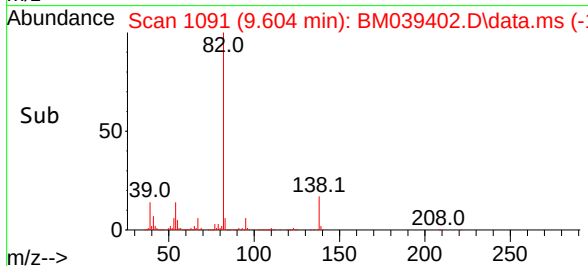
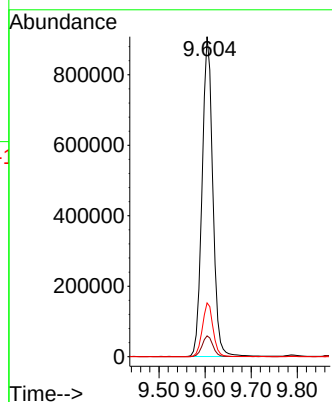
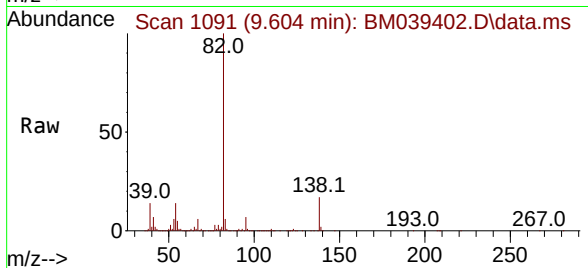
Tgt Ion: 82 Resp: 1475780

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.8 13.5 20.3



#26

2-Nitrophenol

Concen: 41.899 ng

RT: 9.792 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

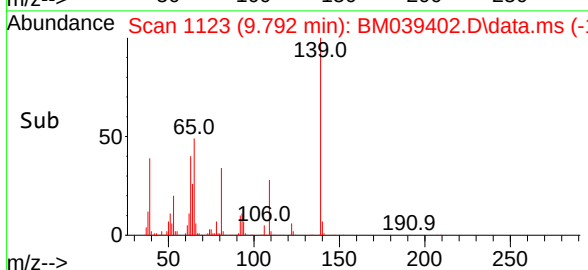
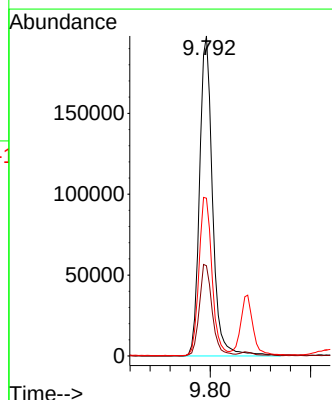
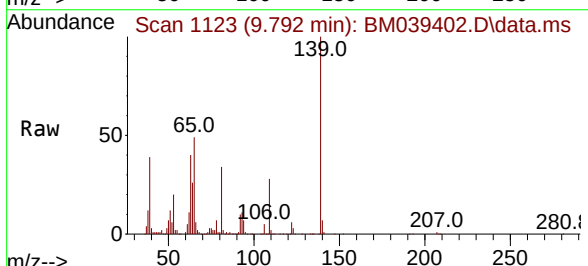
Tgt Ion: 139 Resp: 355873

Ion Ratio Lower Upper

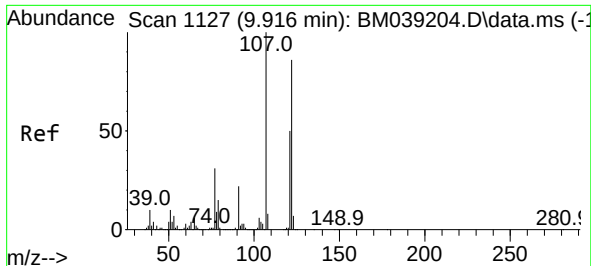
139 100

109 28.2 23.4 35.0

65 49.3 42.2 63.2







#27

2,4-Dimethylphenol

Concen: 42.565 ng

RT: 9.875 min Scan# 1127

Delta R.T. 0.018 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

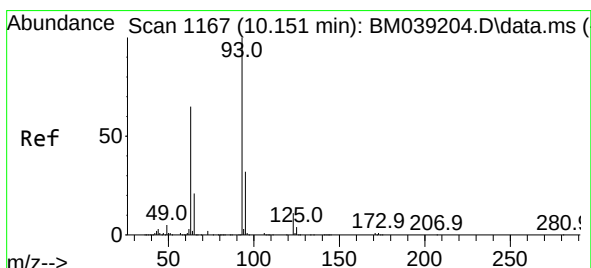
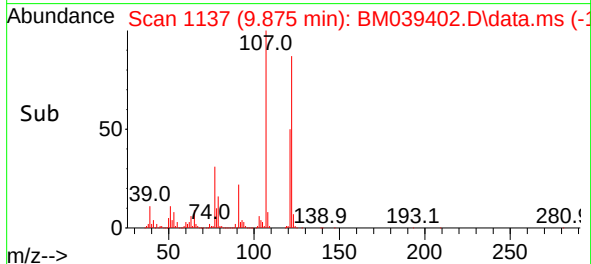
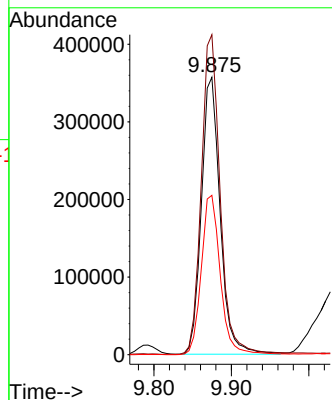
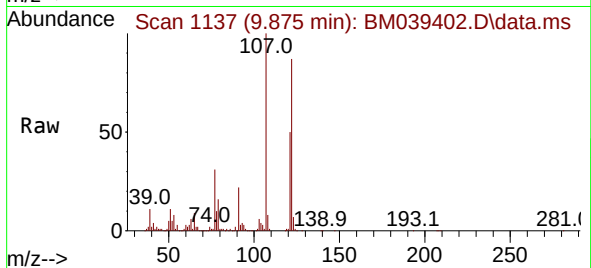
Tgt Ion:122 Resp: 600684

Ion Ratio Lower Upper

122 100

107 115.3 92.3 138.5

121 57.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.285 ng

RT: 10.092 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

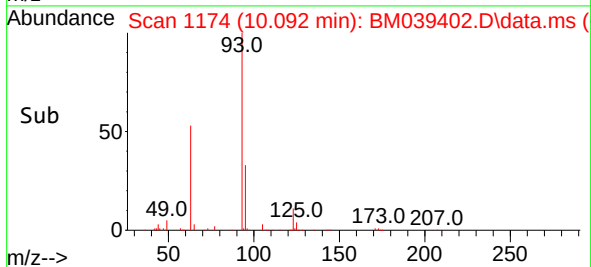
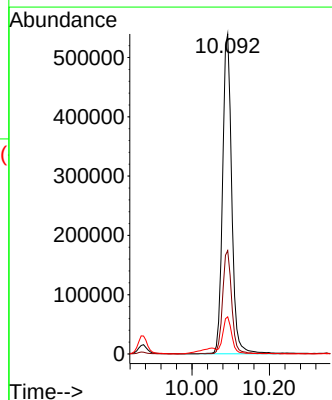
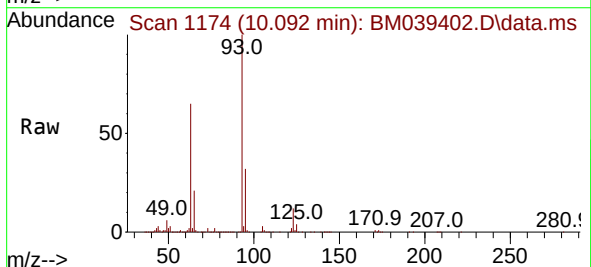
Tgt Ion: 93 Resp: 882101

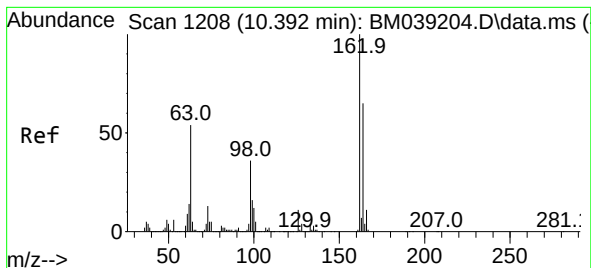
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.6 9.1 13.7

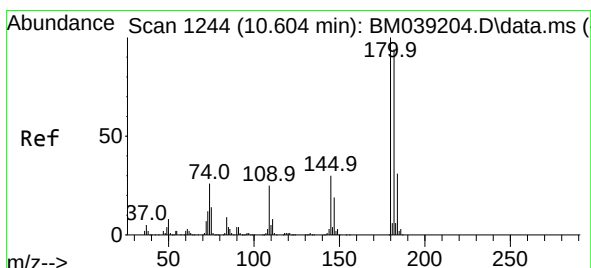
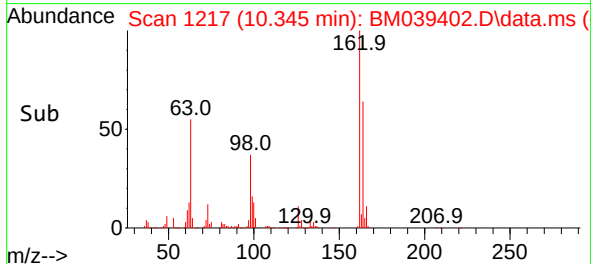
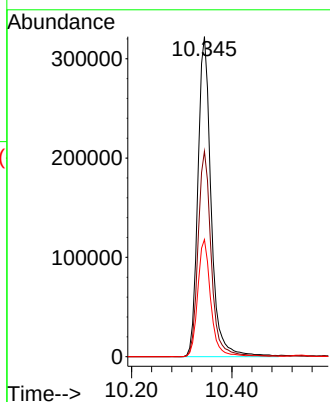
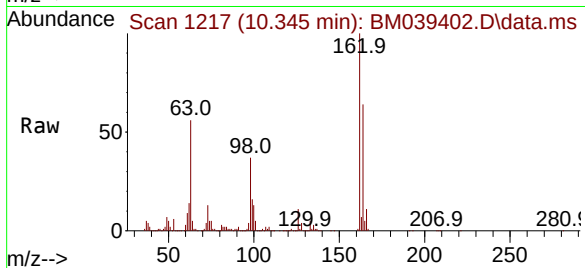




#29  
2,4-Dichlorophenol  
Concen: 42.836 ng  
RT: 10.345 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

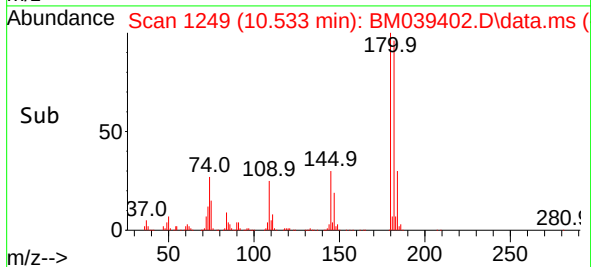
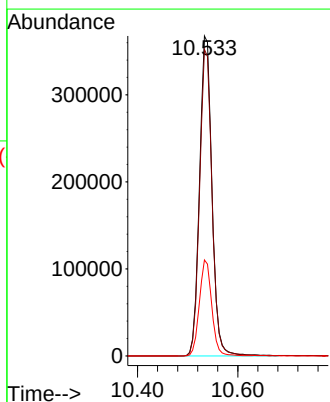
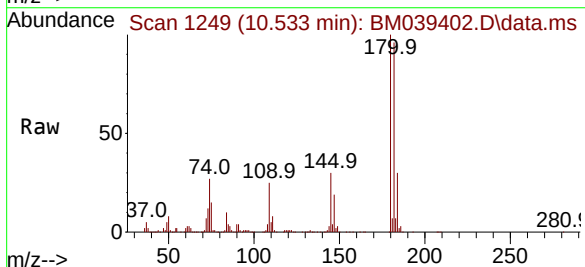
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

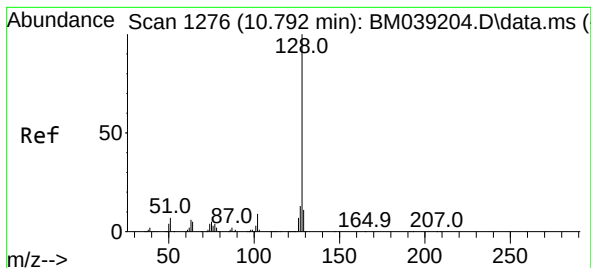
Tgt Ion:162 Resp: 589801  
Ion Ratio Lower Upper  
162 100  
164 64.2 44.8 84.8  
98 36.6 16.0 56.0



#30  
1,2,4-Trichlorobenzene  
Concen: 43.096 ng  
RT: 10.533 min Scan# 1249  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:180 Resp: 634824  
Ion Ratio Lower Upper  
180 100  
182 95.8 75.2 112.8  
145 30.0 23.9 35.9

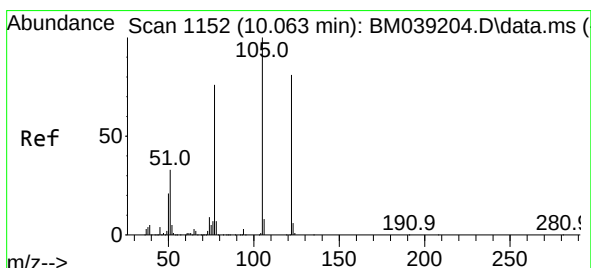
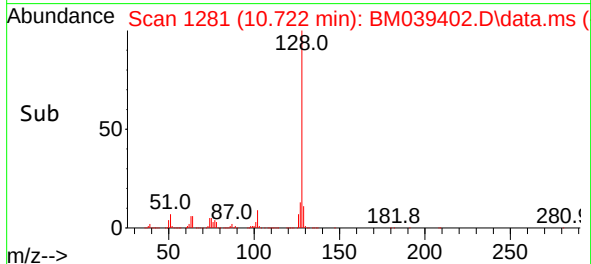
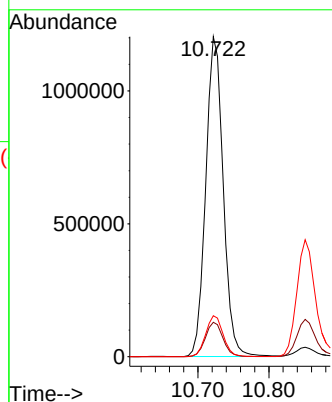
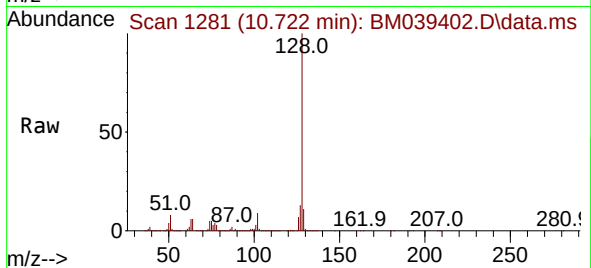




#31  
Naphthalene  
Concen: 42.576 ng  
RT: 10.722 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

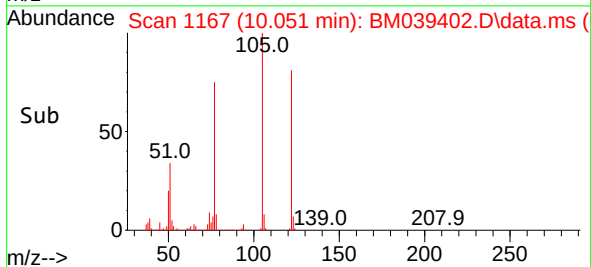
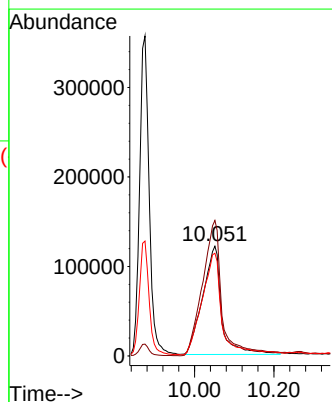
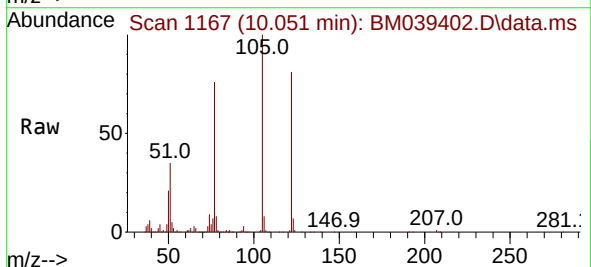
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BNA\_M  
ClientSampleId :  
SSTDCCC040

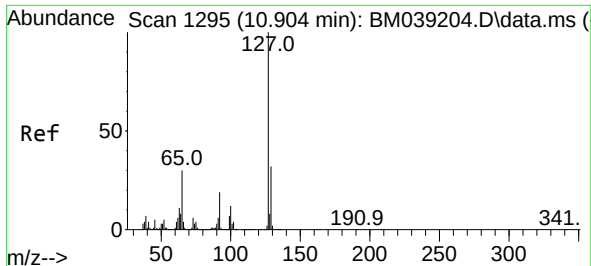
Tgt Ion:128 Resp: 2059700  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 13.0  
127 12.8 10.3 15.5



#32  
Benzoic acid  
Concen: 36.691 ng  
RT: 10.051 min Scan# 1167  
Delta R.T. 0.035 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:122 Resp: 403563  
Ion Ratio Lower Upper  
122 100  
105 123.5 103.1 143.1  
77 93.6 74.6 114.6

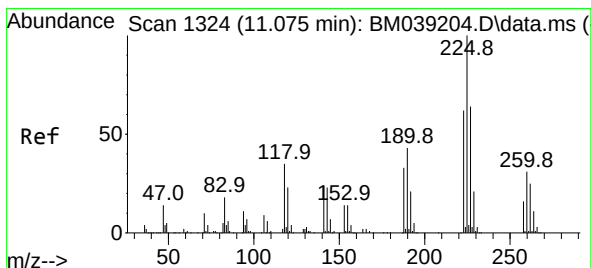
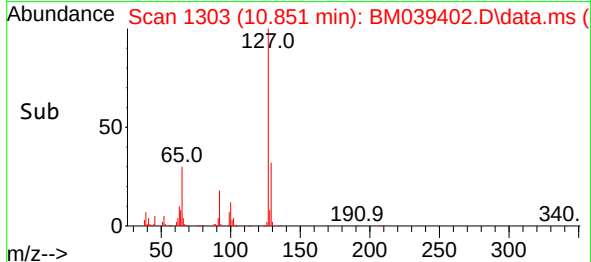
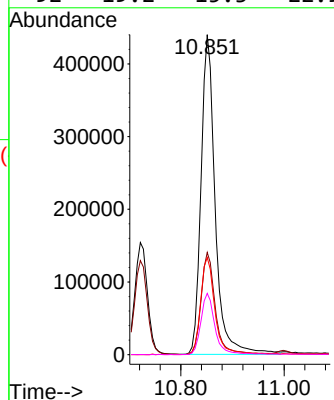
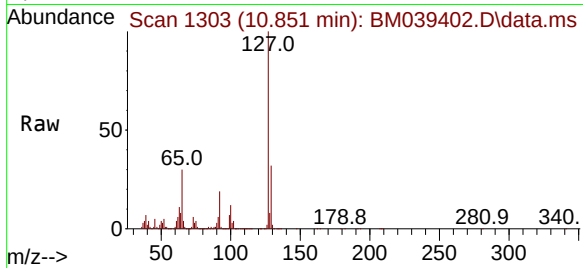




#33  
4-Chloroaniline  
Concen: 39.596 ng  
RT: 10.851 min Scan# 1303  
Delta R.T. 0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

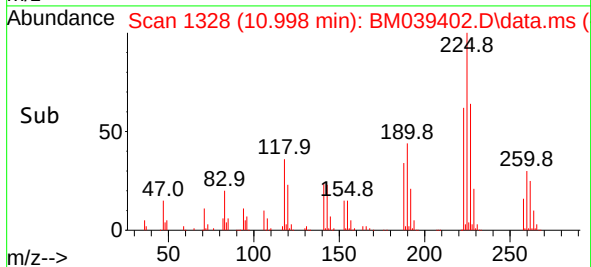
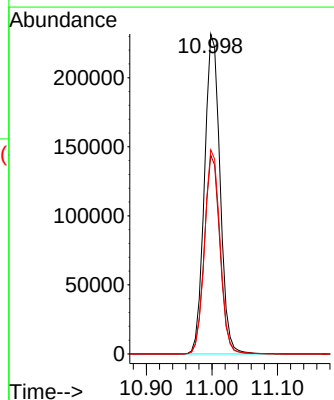
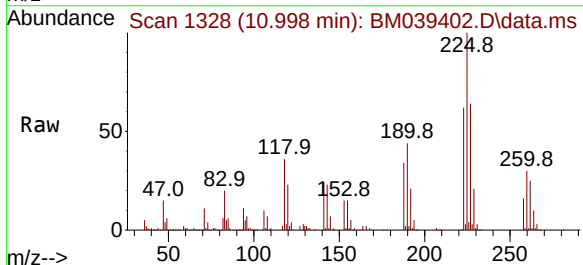
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

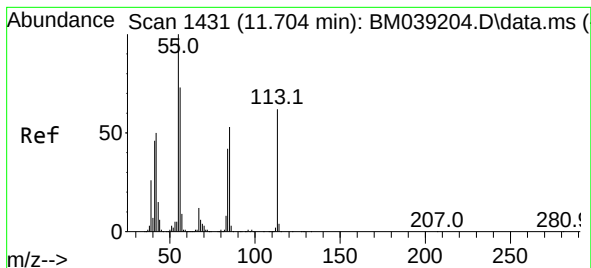
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 839193 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 31.9    | 25.7 38.5    |
| 65 30.4     | 24.1 36.1    |
| 92 19.2     | 15.3 22.9    |



#34  
Hexachlorobutadiene  
Concen: 44.243 ng  
RT: 10.998 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 383217 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 62.1    | 49.8 74.6    |
| 227 63.8    | 51.6 77.4    |

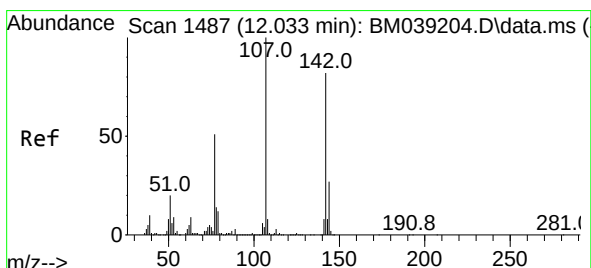
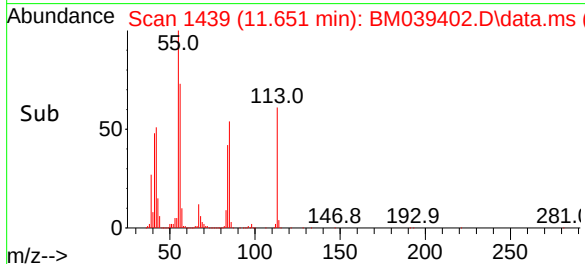
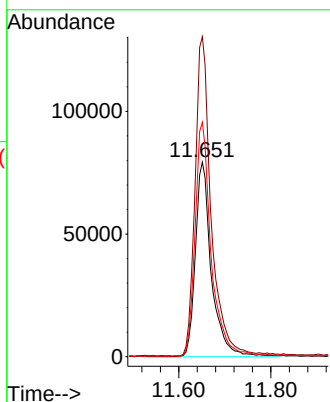
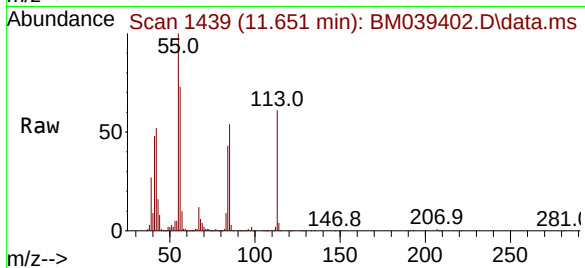




#35  
 Caprolactam  
 Concen: 39.993 ng  
 RT: 11.651 min Scan# 1439  
 Delta R.T. 0.000 min  
 Lab File: BM039402.D  
 Acq: 12 Apr 2023 14:05

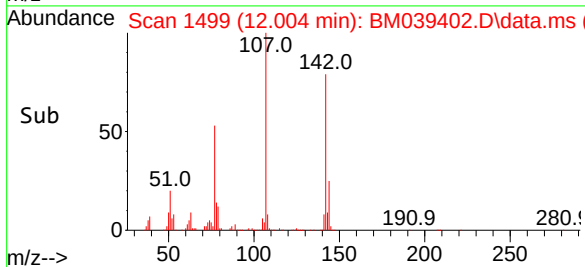
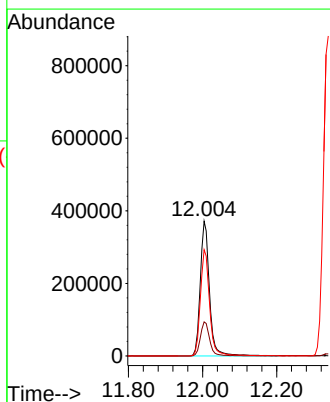
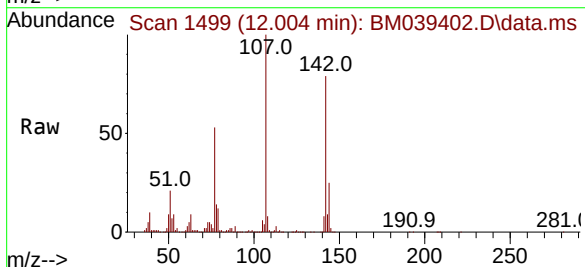
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

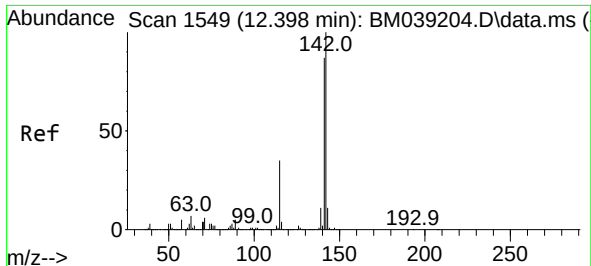
Tgt Ion:113 Resp: 191200  
 Ion Ratio Lower Upper  
 113 100  
 55 164.4 141.8 181.8  
 56 120.4 98.3 138.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.145 ng  
 RT: 12.004 min Scan# 1499  
 Delta R.T. 0.029 min  
 Lab File: BM039402.D  
 Acq: 12 Apr 2023 14:05

Tgt Ion:107 Resp: 640238  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 21.4 32.2  
 142 78.9 65.2 97.8

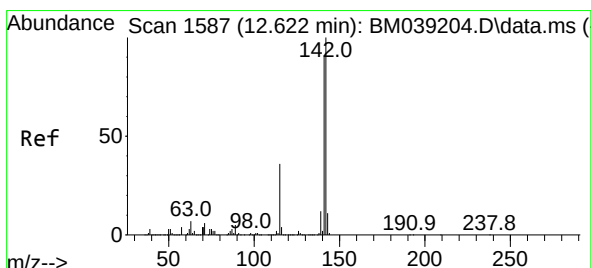
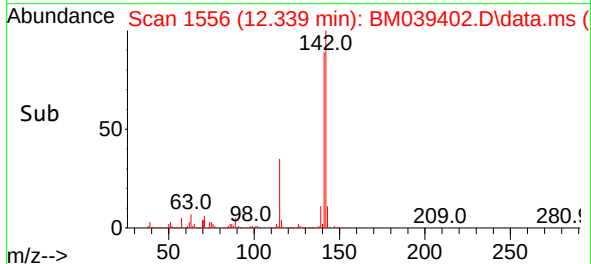
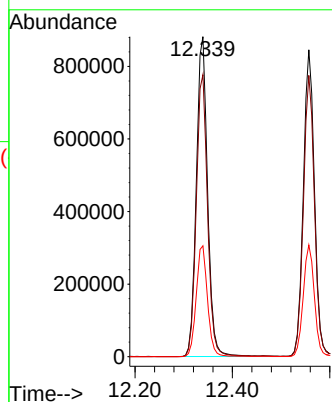
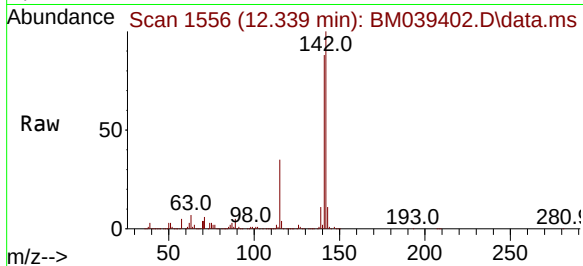




#37  
2-Methylnaphthalene  
Concen: 42.316 ng  
RT: 12.339 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

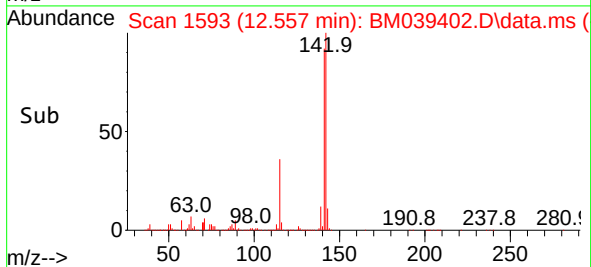
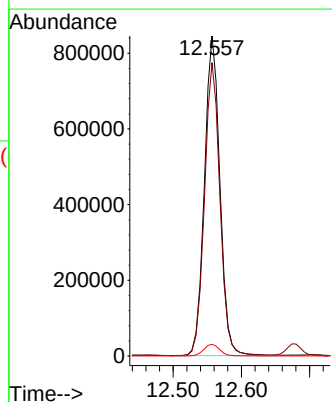
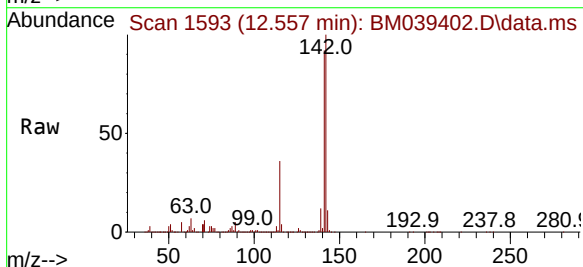
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

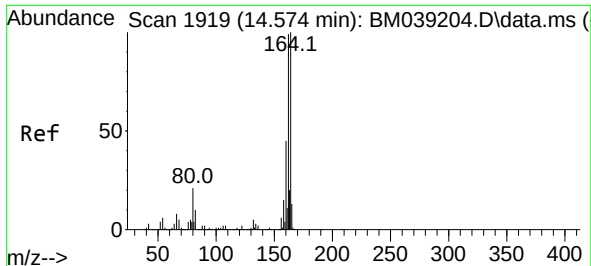
Tgt Ion:142 Resp: 1425099  
Ion Ratio Lower Upper  
142 100  
141 88.1 69.8 104.8  
115 34.7 27.8 41.8



#38  
1-Methylnaphthalene  
Concen: 42.328 ng  
RT: 12.557 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:142 Resp: 1334769  
Ion Ratio Lower Upper  
142 100  
141 91.7 73.2 109.8  
116 3.6 3.0 4.4

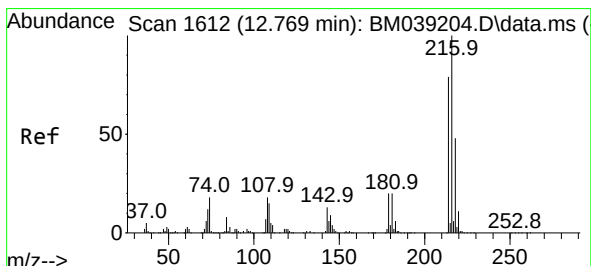
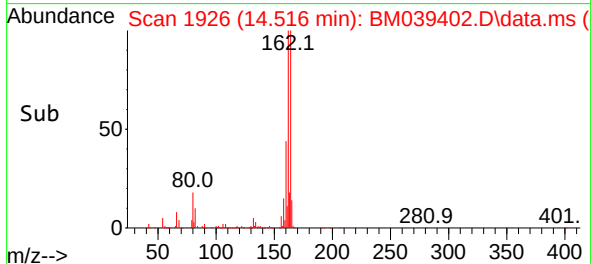
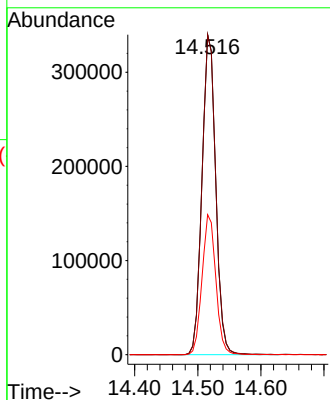
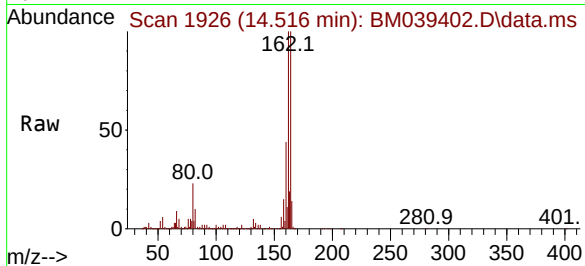




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.516 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

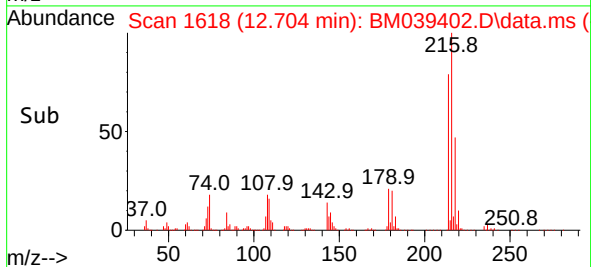
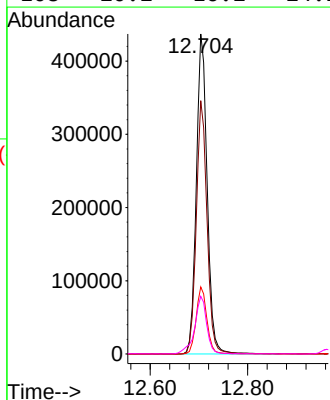
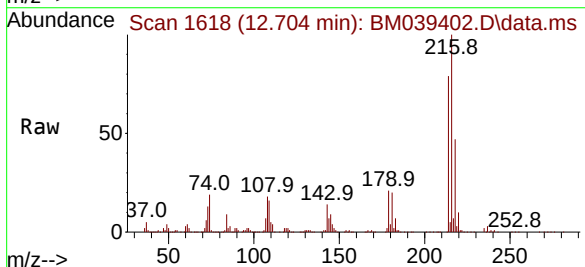
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

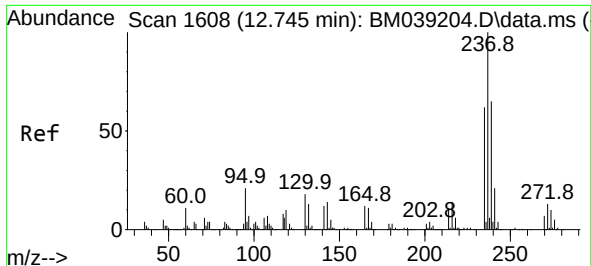
Tgt Ion:164 Resp: 512842  
Ion Ratio Lower Upper  
164 100  
162 100.0 79.1 118.7  
160 43.8 35.8 53.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.557 ng  
RT: 12.704 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:216 Resp: 680113  
Ion Ratio Lower Upper  
216 100  
214 78.5 62.8 94.2  
179 20.8 16.8 25.2  
108 20.2 16.2 24.2

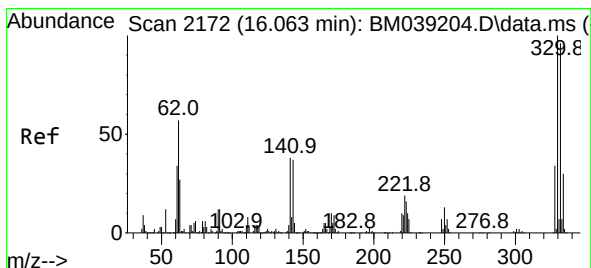
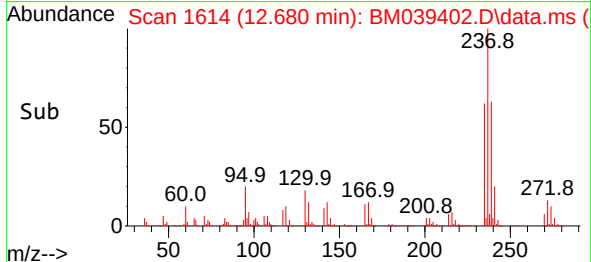
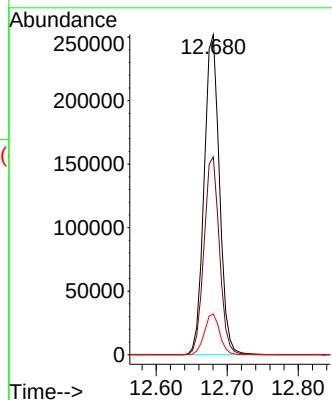
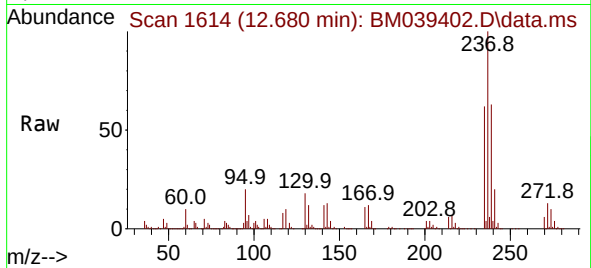




#41  
Hexachlorocyclopentadiene  
Concen: 44.423 ng  
RT: 12.680 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

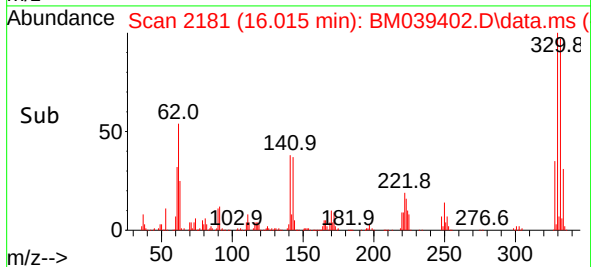
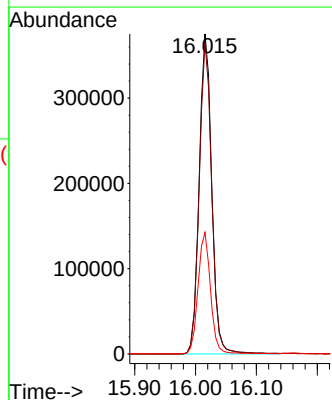
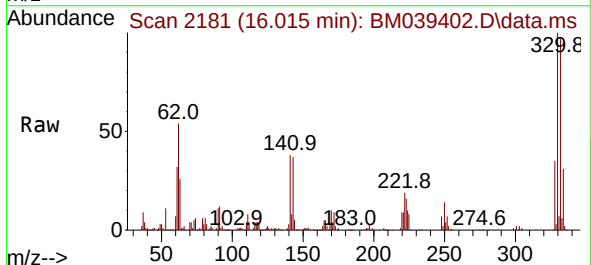
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 378940  
Ion Ratio Lower Upper  
237 100  
235 61.8 41.6 81.6  
272 12.7 0.0 33.2

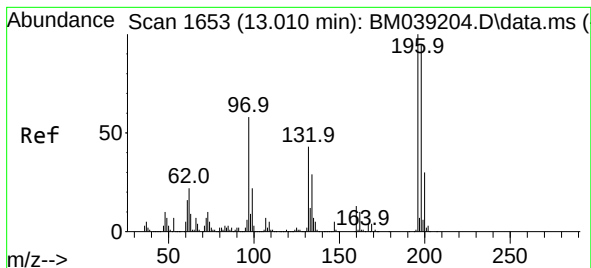


#42  
2,4,6-Tribromophenol  
Concen: 82.876 ng  
RT: 16.015 min Scan# 2181  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:330 Resp: 539526  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.4 116.0  
141 38.0 29.8 44.6







#43

2,4,6-Trichlorophenol

Concen: 42.927 ng

RT: 12.963 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

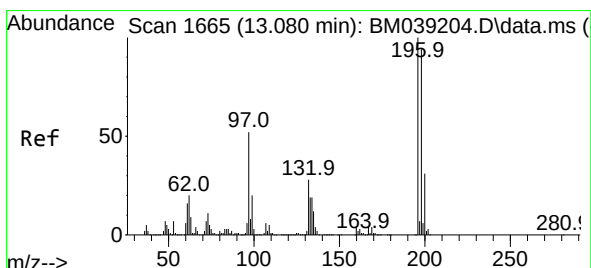
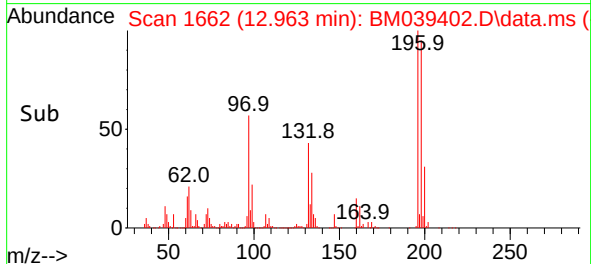
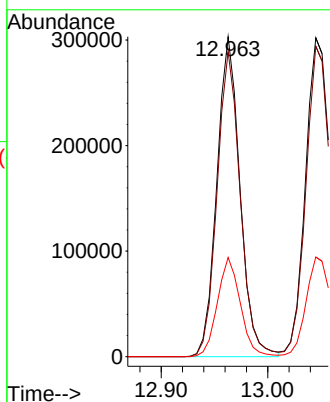
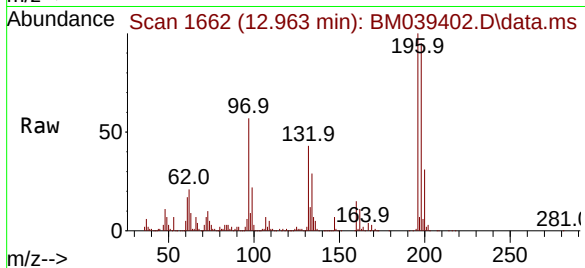
Tgt Ion:196 Resp: 457109

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.2

200 31.0 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 41.819 ng

RT: 13.045 min Scan# 1676

Delta R.T. 0.018 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Tgt Ion:196 Resp: 522055

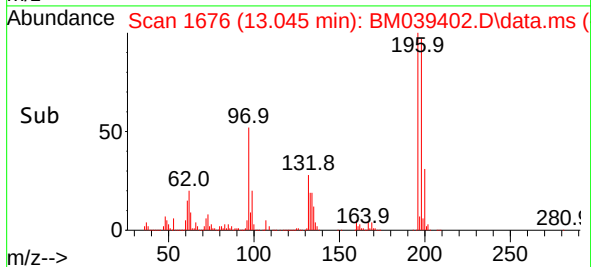
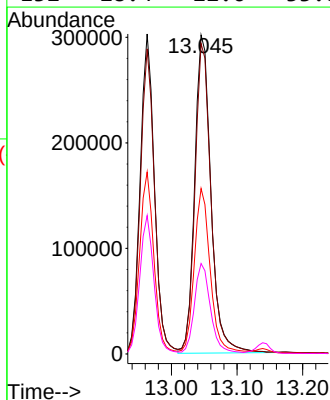
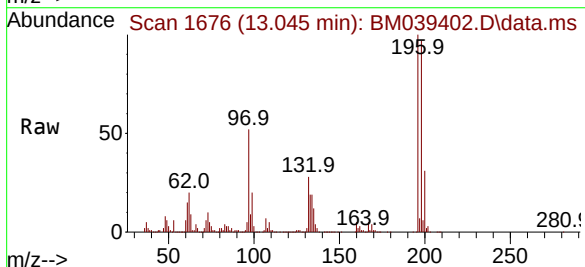
Ion Ratio Lower Upper

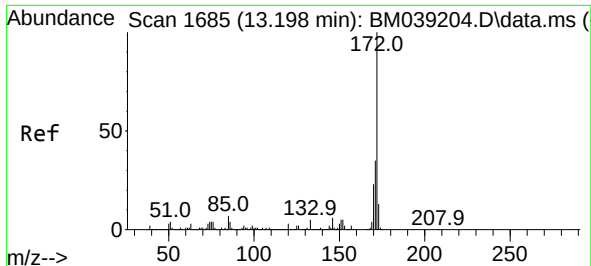
196 100

198 97.4 75.2 112.8

97 51.9 41.4 62.0

132 28.4 22.6 33.8

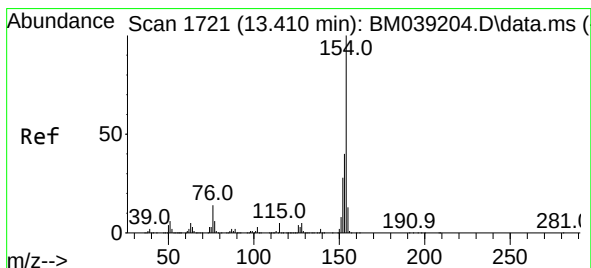
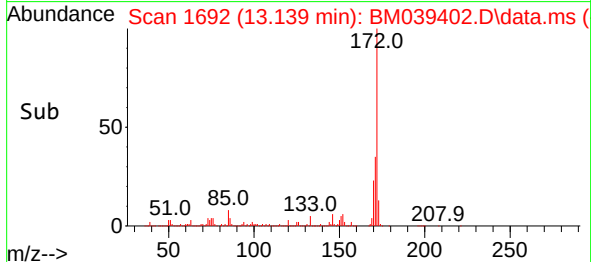
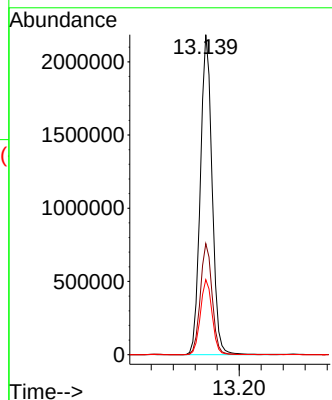
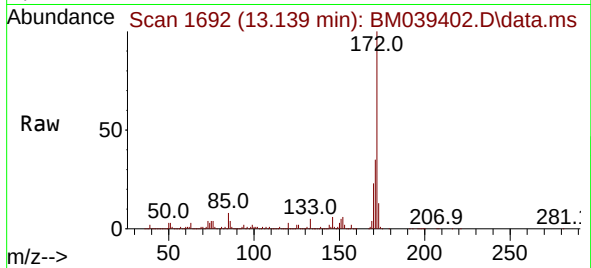




#45  
2-Fluorobiphenyl  
Concen: 85.805 ng  
RT: 13.139 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

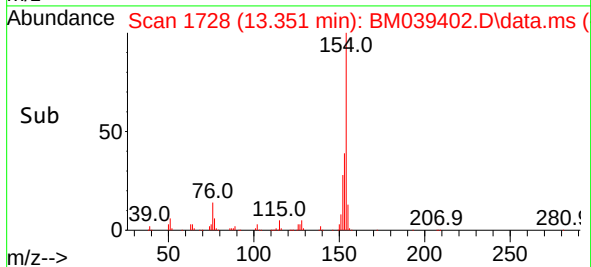
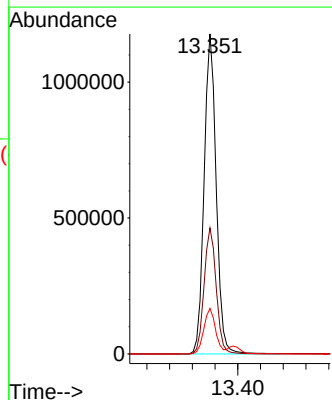
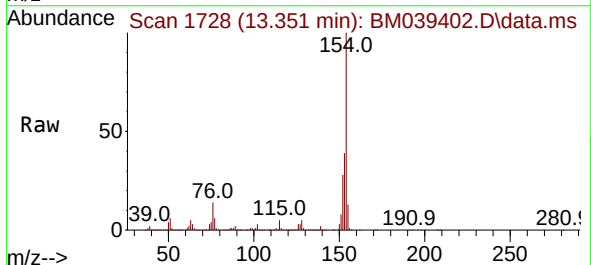
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

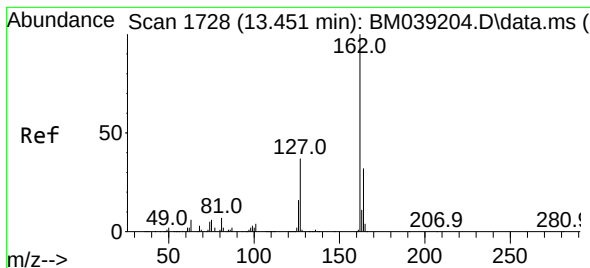
Tgt Ion:172 Resp: 3247783  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.0 42.0  
170 23.5 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 42.798 ng  
RT: 13.351 min Scan# 1728  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:154 Resp: 1733223  
Ion Ratio Lower Upper  
154 100  
153 39.4 19.9 59.9  
76 14.3 0.0 33.5





#47

2-Chloronaphthalene

Concen: 42.092 ng

RT: 13.392 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

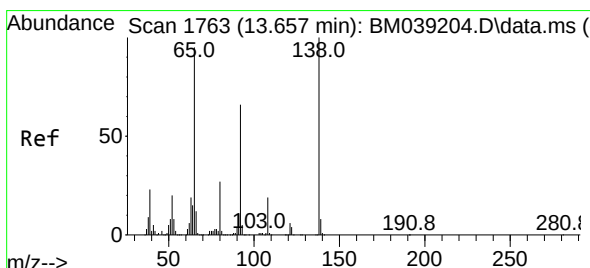
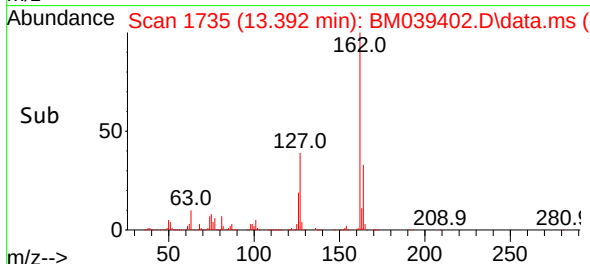
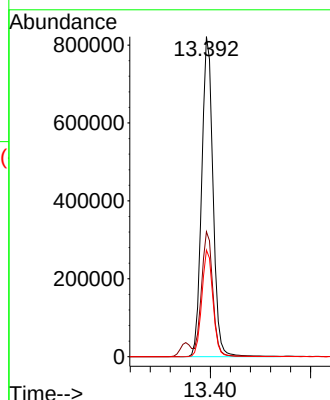
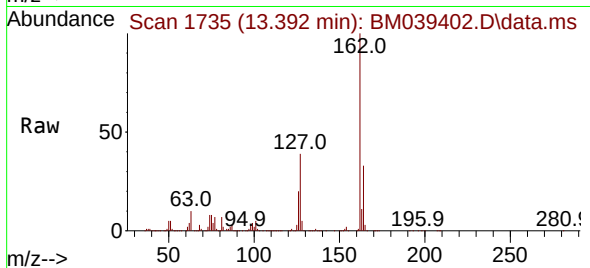
Tgt Ion:162 Resp: 1290693

Ion Ratio Lower Upper

162 100

127 39.1 31.4 47.0

164 33.3 25.7 38.5



#48

2-Nitroaniline

Concen: 39.509 ng

RT: 13.616 min Scan# 1773

Delta R.T. 0.006 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

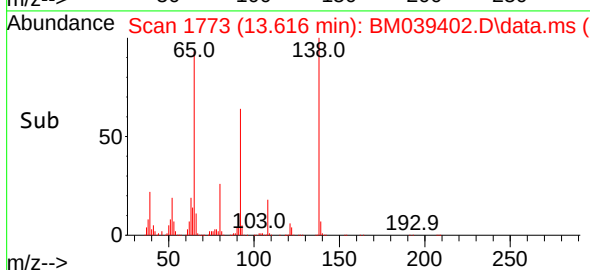
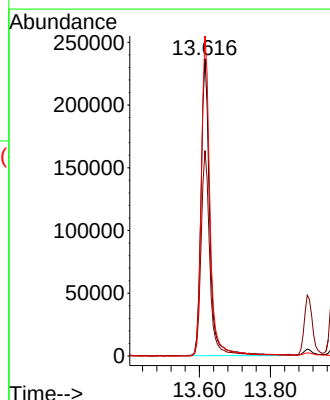
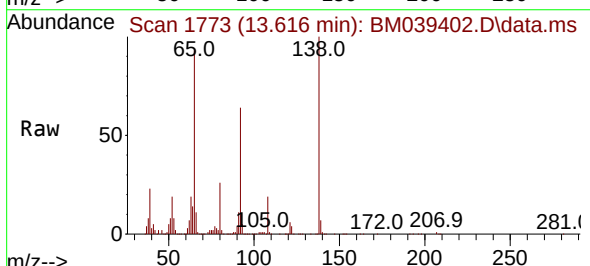
Tgt Ion: 65 Resp: 407692

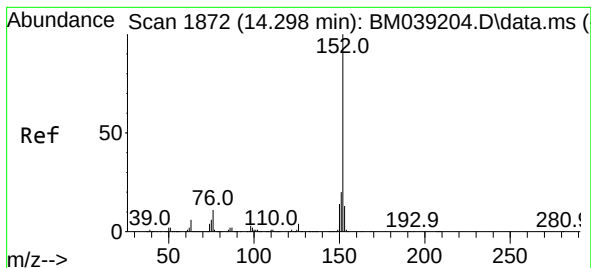
Ion Ratio Lower Upper

65 100

92 69.1 55.7 83.5

138 107.6 84.5 126.7





#49

Acenaphthylene

Concen: 42.411 ng

RT: 14.239 min Scan# 1879

Delta R.T. 0.000 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

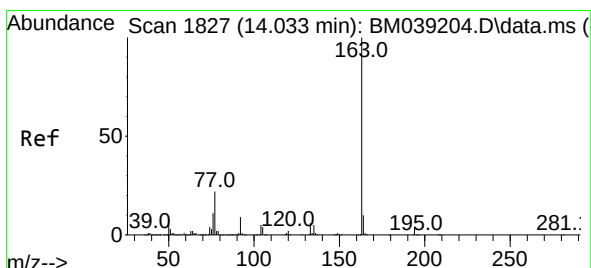
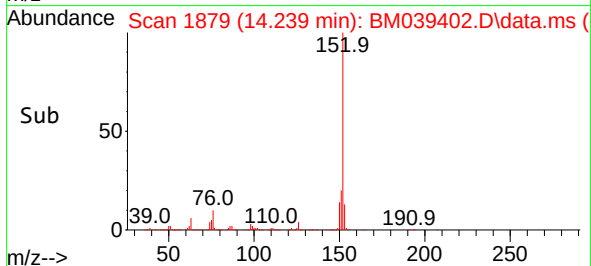
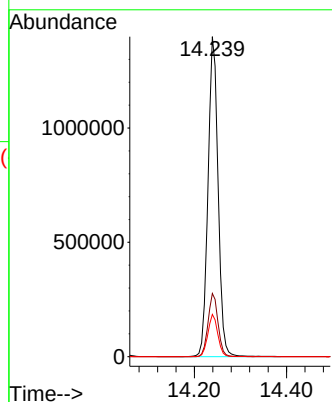
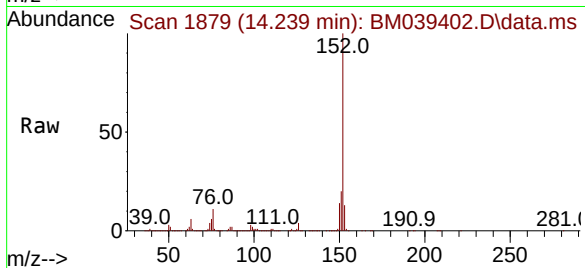
Tgt Ion:152 Resp: 2137403

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 42.254 ng

RT: 13.986 min Scan# 1836

Delta R.T. 0.006 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

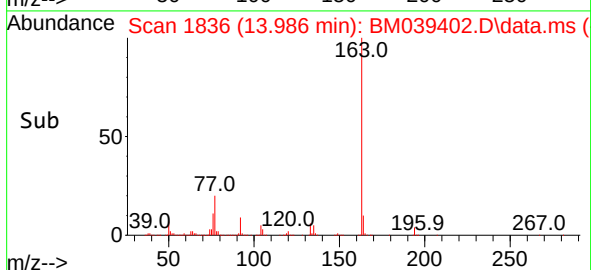
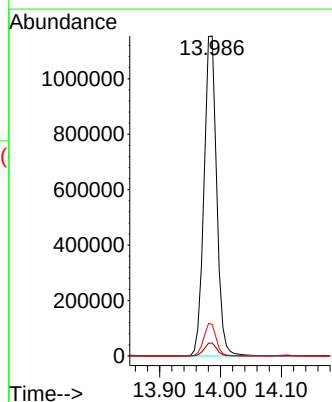
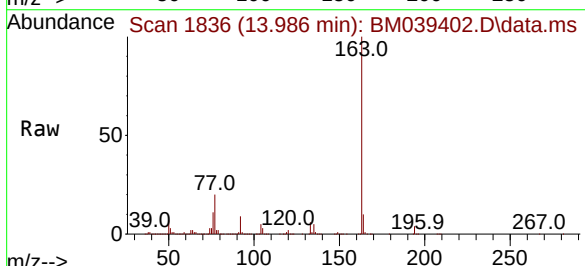
Tgt Ion:163 Resp: 1670026

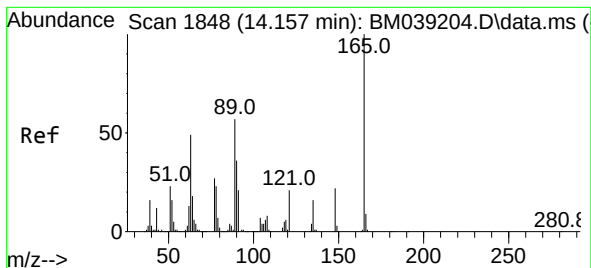
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.8 8.2 12.2

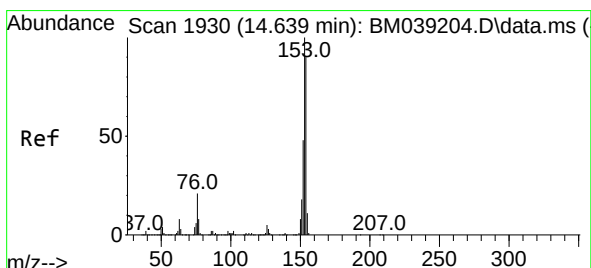
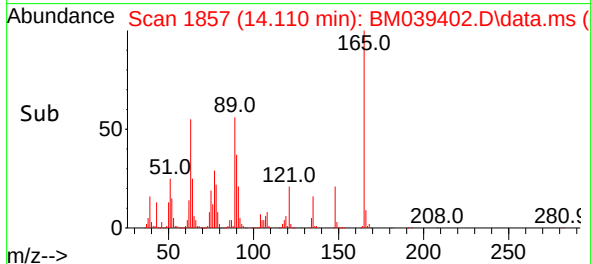
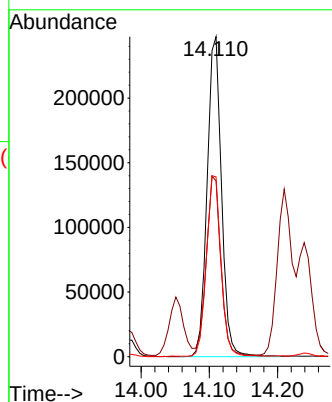
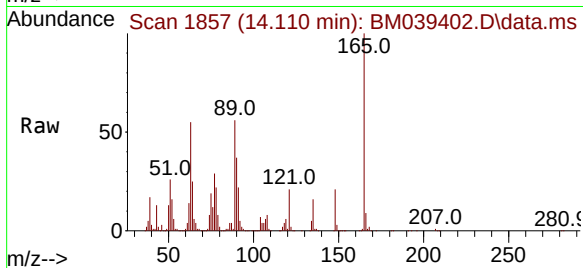




#51  
2,6-Dinitrotoluene  
Concen: 42.687 ng  
RT: 14.110 min Scan# 1848  
Delta R.T. 0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

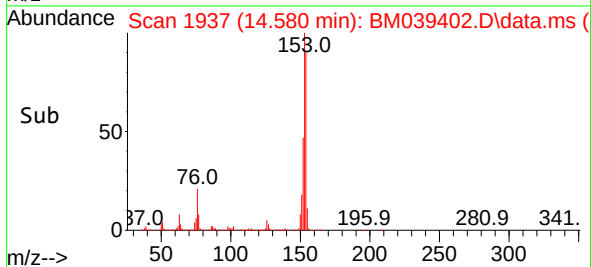
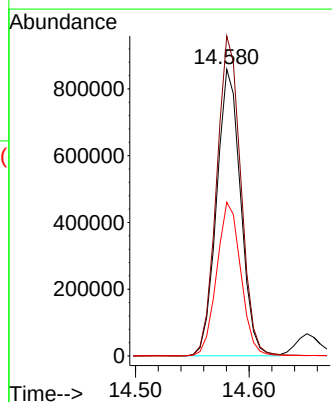
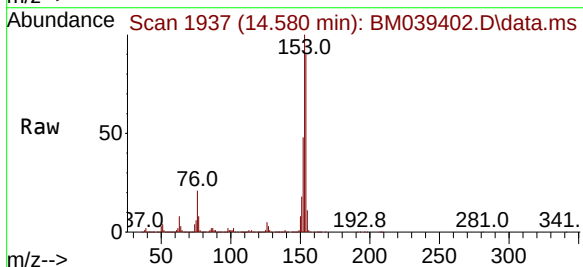
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

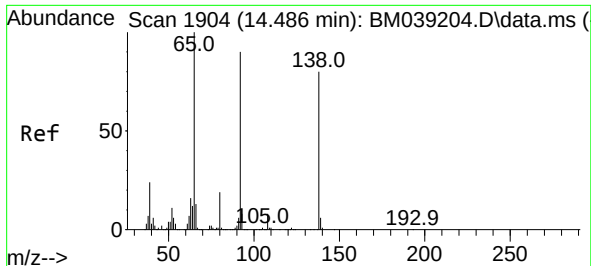
Tgt Ion:165 Resp: 362806  
Ion Ratio Lower Upper  
165 100  
63 54.9 44.9 67.3  
89 56.2 45.4 68.0



#52  
Acenaphthene  
Concen: 42.410 ng  
RT: 14.580 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:154 Resp: 1262064  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.1 133.7  
152 53.6 42.6 64.0

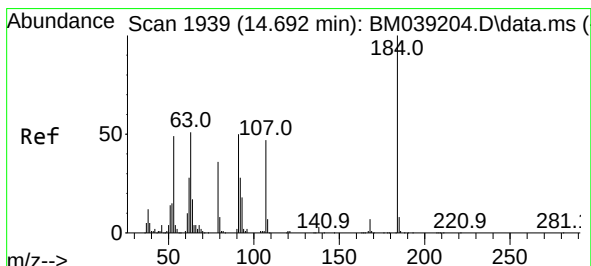
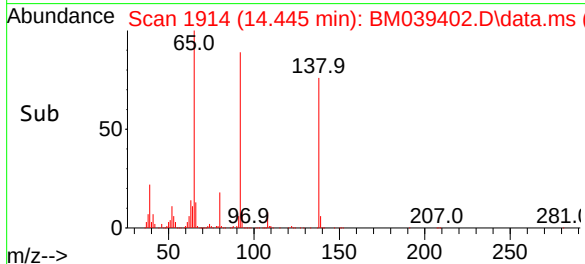
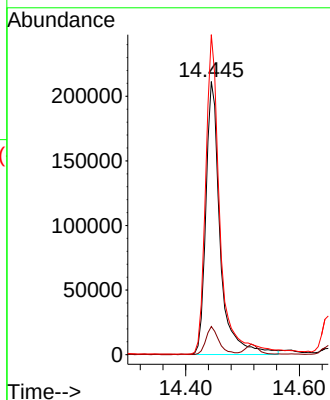
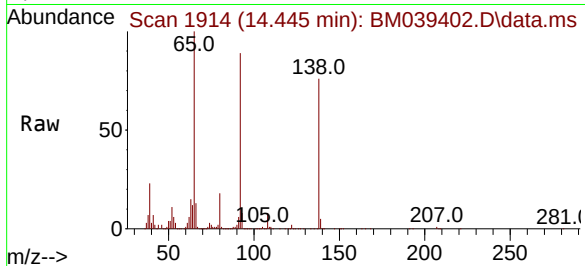




#53  
3-Nitroaniline  
Concen: 37.329 ng  
RT: 14.445 min Scan# 1914  
Delta R.T. 0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

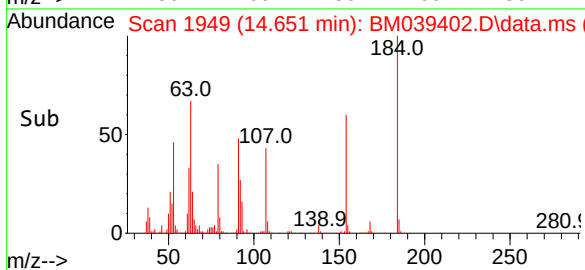
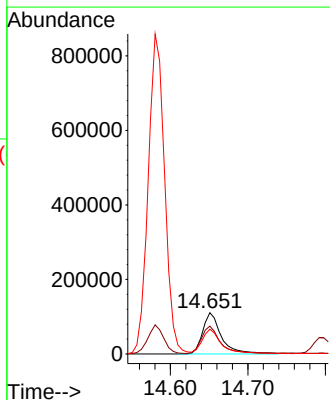
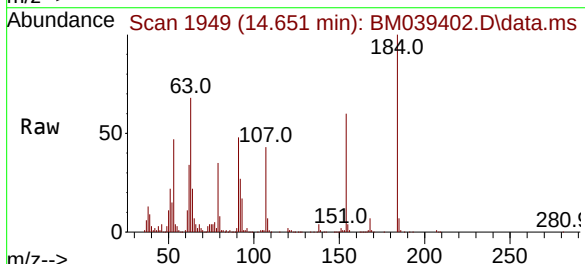
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

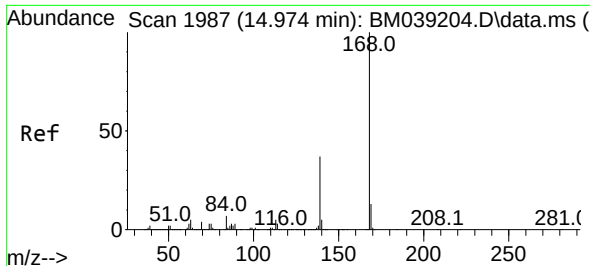
Tgt Ion:138 Resp: 366778  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.0 12.0  
92 117.2 90.8 136.2



#54  
2,4-Dinitrophenol  
Concen: 36.964 ng  
RT: 14.651 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:184 Resp: 186054  
Ion Ratio Lower Upper  
184 100  
63 67.7 56.4 84.6  
154 60.4 48.7 73.1

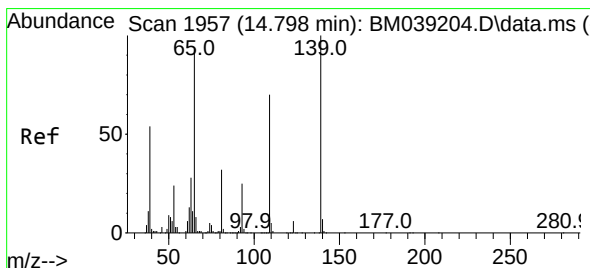
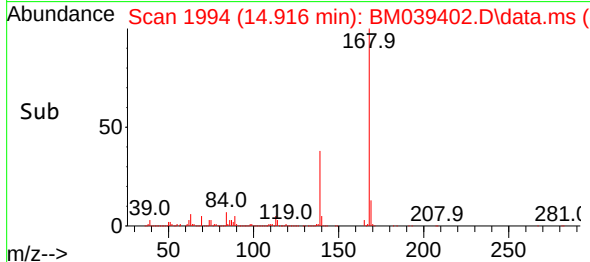
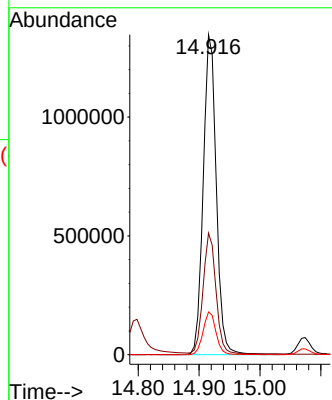
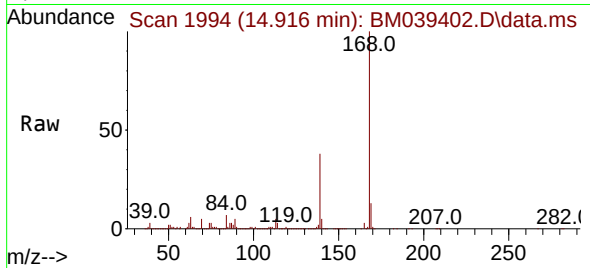




#55  
Dibenzenofuran  
Concen: 41.922 ng  
RT: 14.916 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

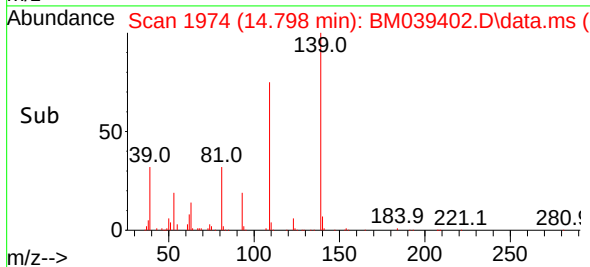
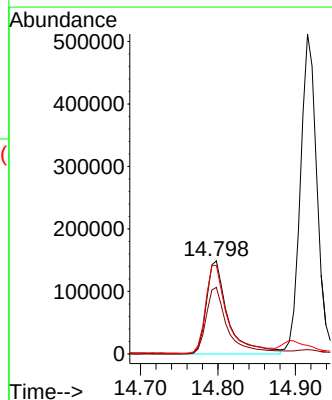
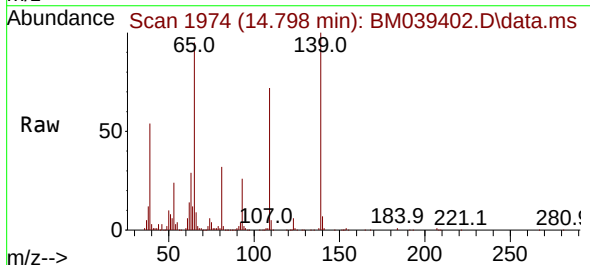
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

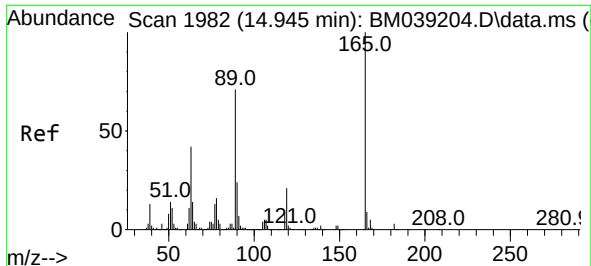
Tgt Ion:168 Resp: 2008496  
Ion Ratio Lower Upper  
168 100  
139 38.0 29.4 44.2  
169 13.3 10.6 15.8



#56  
4-Nitrophenol  
Concen: 38.024 ng  
RT: 14.798 min Scan# 1974  
Delta R.T. 0.041 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:139 Resp: 288099  
Ion Ratio Lower Upper  
139 100  
109 71.5 49.6 89.6  
65 95.1 72.9 112.9





#57

2,4-Dinitrotoluene

Concen: 41.978 ng

RT: 14.898 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM039402.D

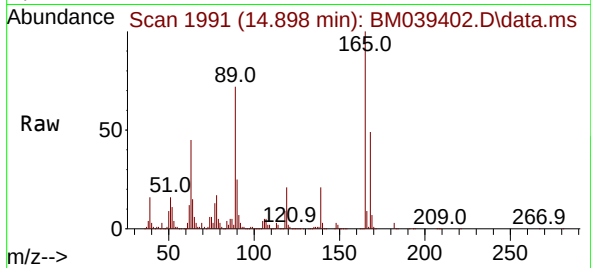
Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040



Tgt Ion:165 Resp: 482639

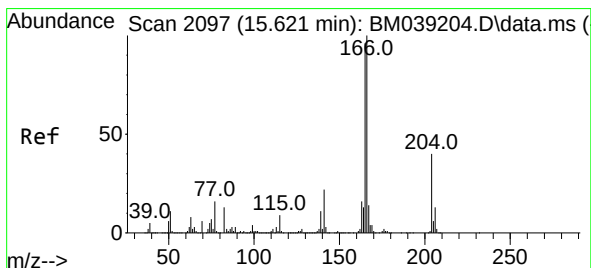
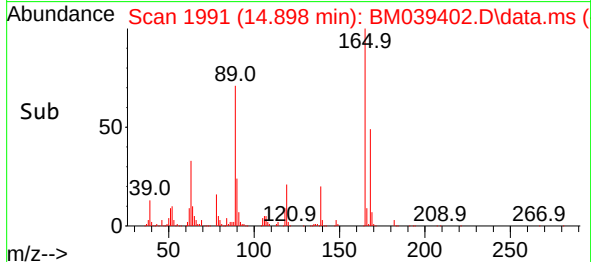
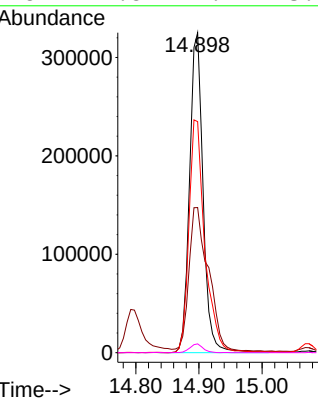
Ion Ratio Lower Upper

165 100

63 45.4 33.5 50.3

89 72.2 56.7 85.1

182 2.8 2.1 3.1



#58

Fluorene

Concen: 42.015 ng

RT: 15.568 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

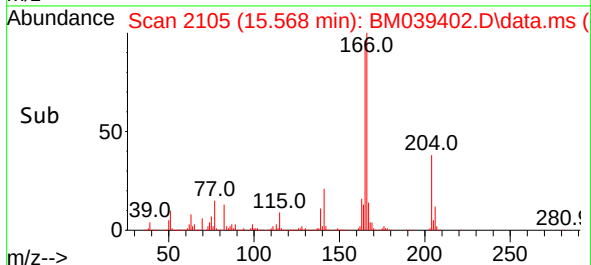
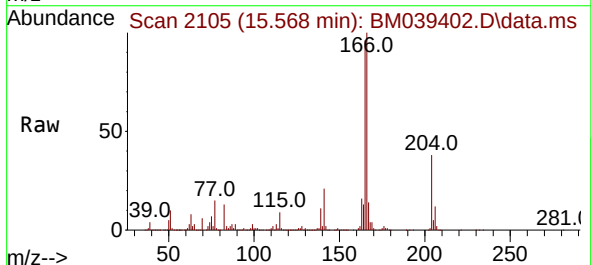
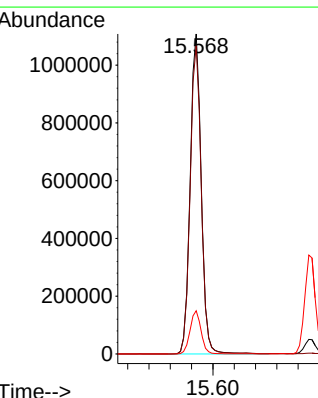
Tgt Ion:166 Resp: 1593957

Ion Ratio Lower Upper

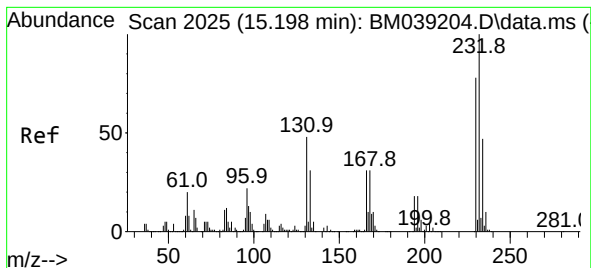
166 100

165 96.3 76.9 115.3

167 13.5 10.8 16.2



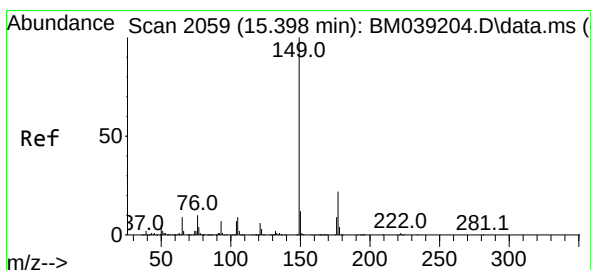
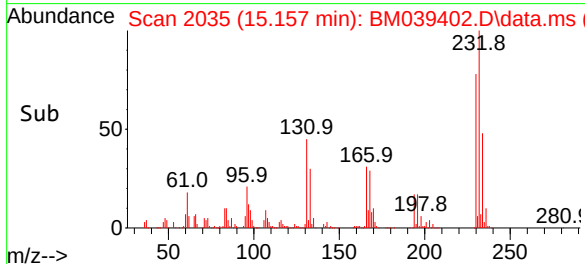
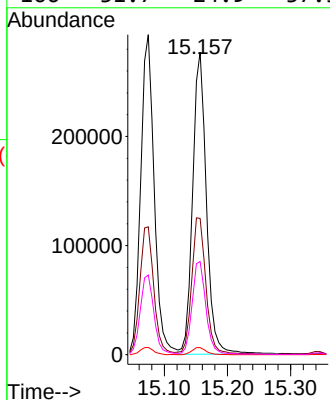
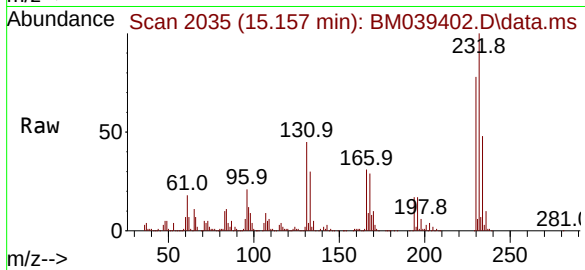




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.098 ng  
RT: 15.157 min Scan# 2067  
Delta R.T. 0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

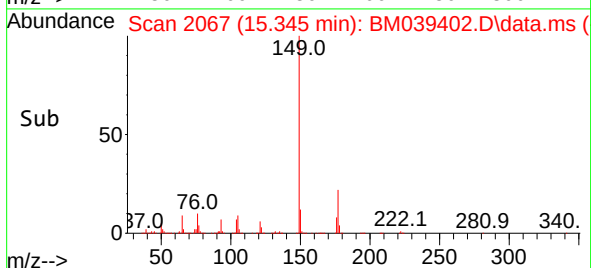
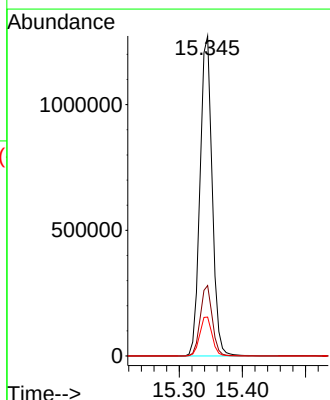
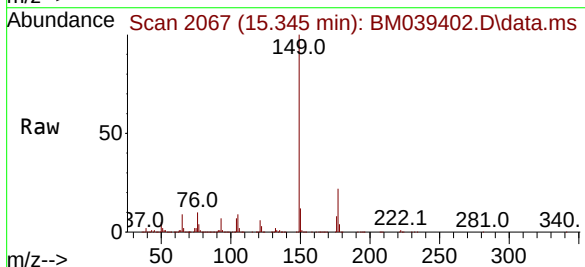
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

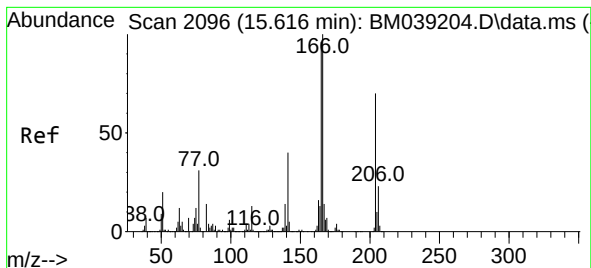
Tgt Ion:232 Resp: 418078  
Ion Ratio Lower Upper  
232 100  
131 46.6 37.7 56.5  
130 2.4 1.9 2.9  
166 31.7 24.9 37.3



#60  
Diethylphthalate  
Concen: 42.606 ng  
RT: 15.345 min Scan# 2067  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:149 Resp: 1694902  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.7 26.5  
150 12.1 9.8 14.6

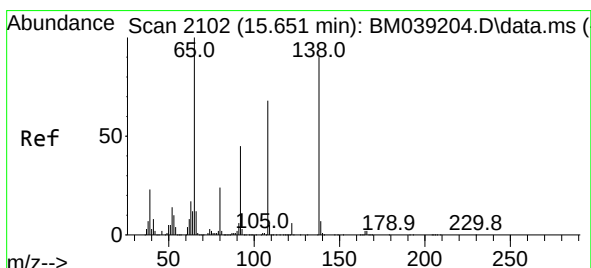
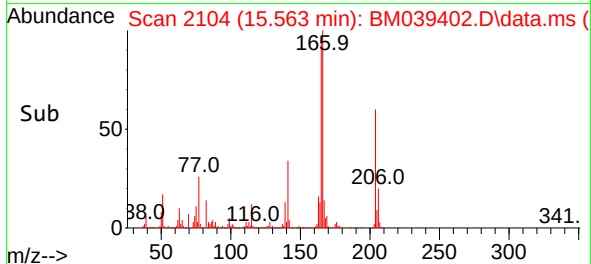
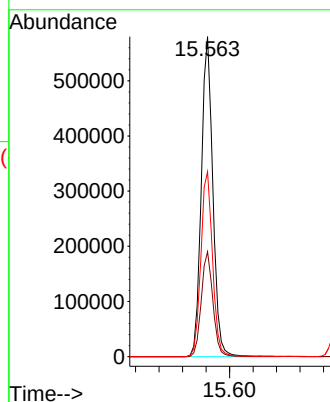
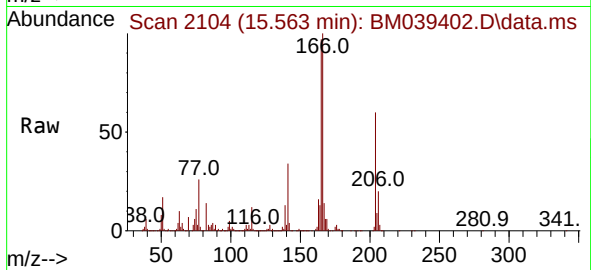




#61  
4-Chlorophenyl-phenylether  
Concen: 42.094 ng  
RT: 15.563 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

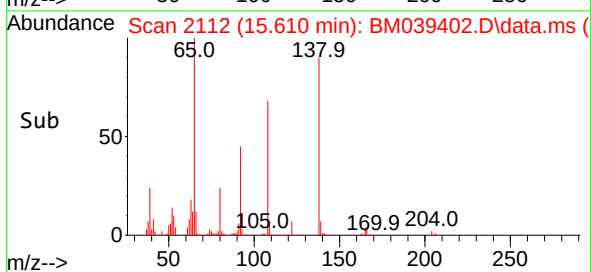
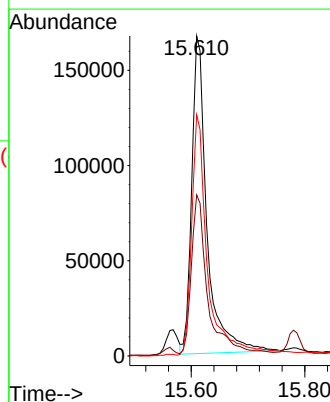
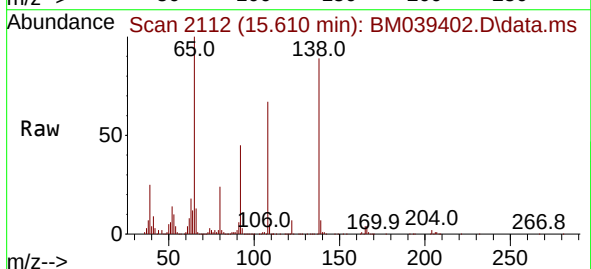
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

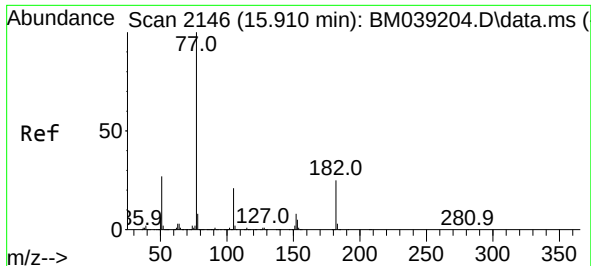
Tgt Ion:204 Resp: 791446  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.1 39.1  
141 57.8 45.8 68.6



#62  
4-Nitroaniline  
Concen: 30.921 ng  
RT: 15.610 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:138 Resp: 311774  
Ion Ratio Lower Upper  
138 100  
92 50.3 30.5 70.5  
108 75.3 55.5 95.5



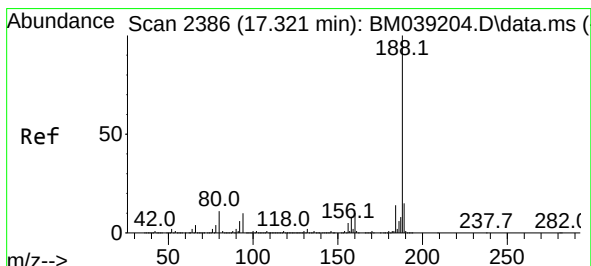
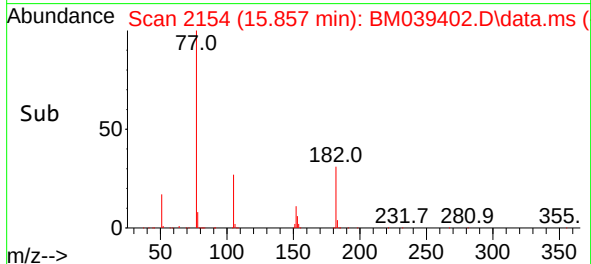
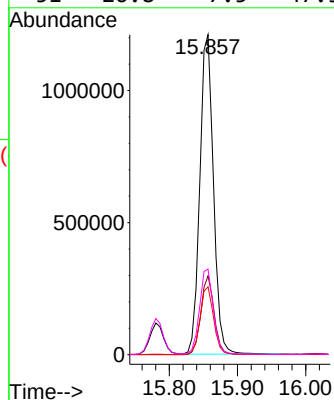
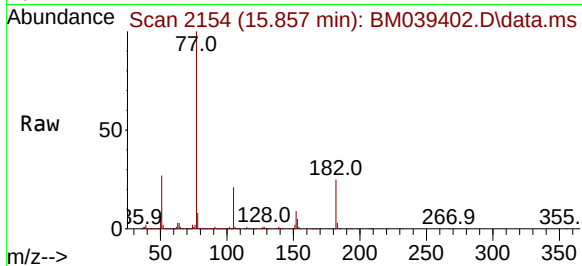


#63  
Azobenzene  
Concen: 42.193 ng  
RT: 15.857 min Scan# 2146  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 1681667

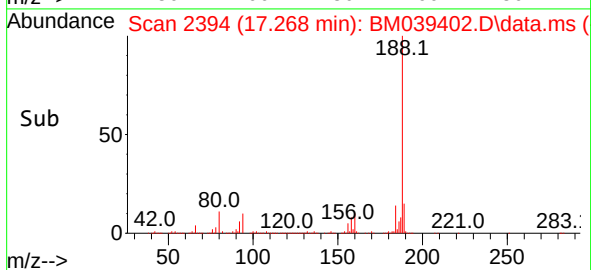
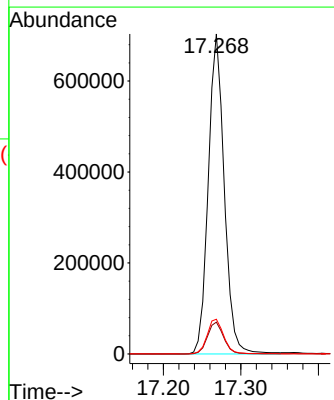
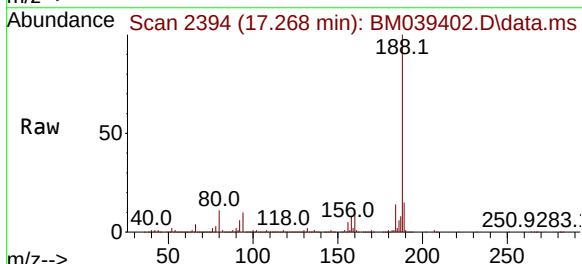
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.6  | 4.8   | 44.8  |
| 105 | 21.2  | 1.4   | 41.4  |
| 51  | 26.8  | 7.5   | 47.5  |

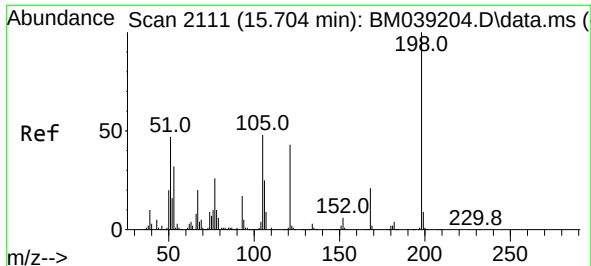


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.268 min Scan# 2394  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion: 188 Resp: 1007580

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.0  | 8.2   | 12.4  |
| 80  | 10.9  | 8.9   | 13.3  |

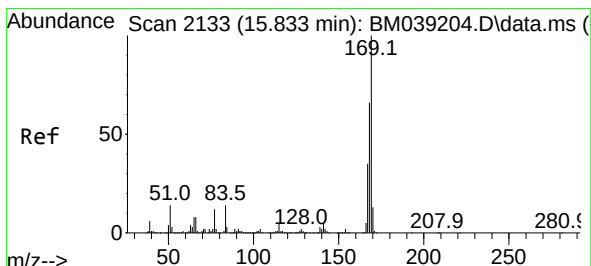
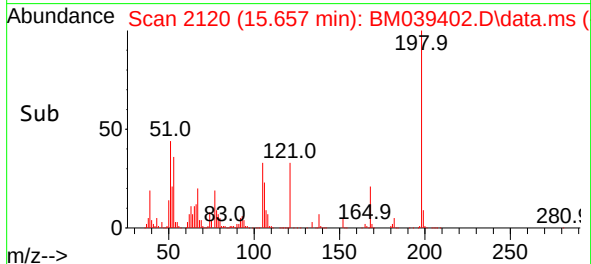
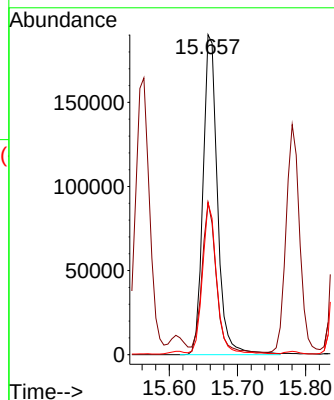
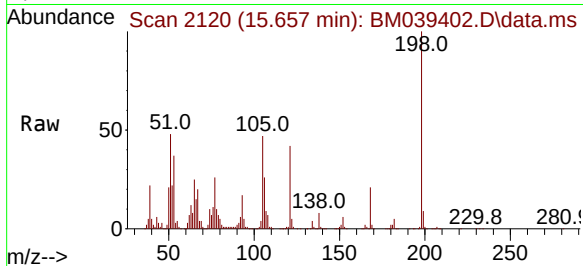




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.437 ng  
RT: 15.657 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

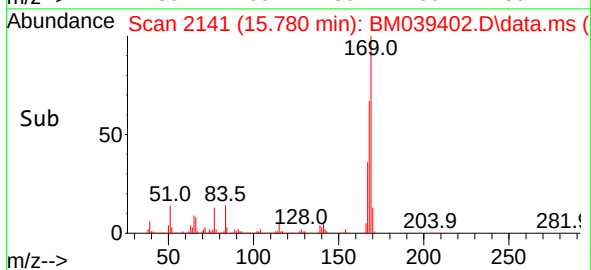
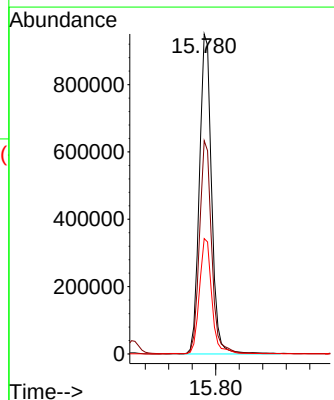
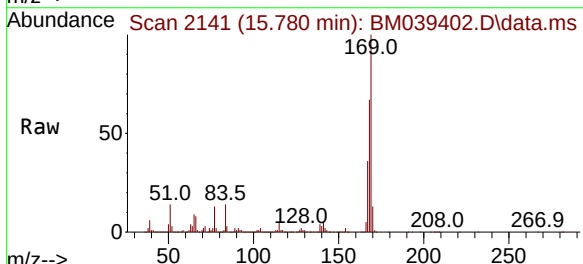
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

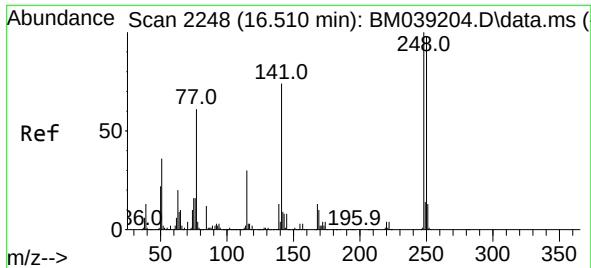
Tgt Ion:198 Resp: 281298  
Ion Ratio Lower Upper  
198 100  
51 47.6 28.9 68.9  
105 47.5 28.7 68.7



#66  
n-Nitrosodiphenylamine  
Concen: 42.956 ng  
RT: 15.780 min Scan# 2141  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:169 Resp: 1363859  
Ion Ratio Lower Upper  
169 100  
168 66.6 52.8 79.2  
167 36.1 28.4 42.6

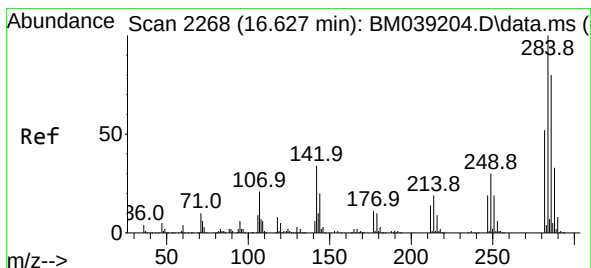
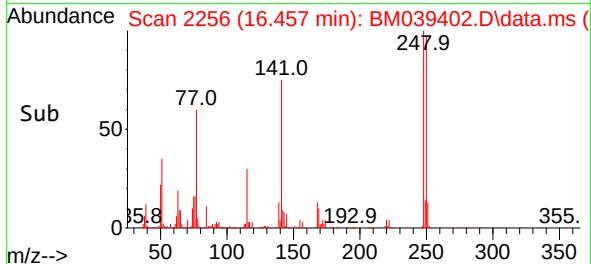
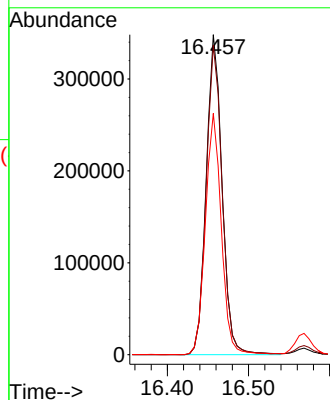
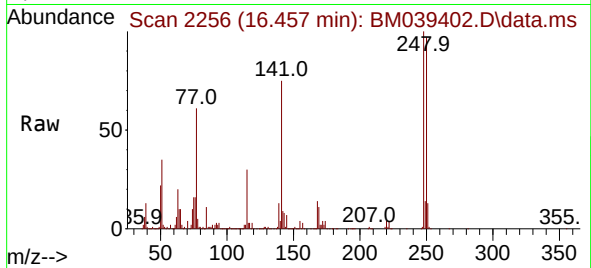




#67  
4-Bromophenyl-phenylether  
Concen: 44.009 ng  
RT: 16.457 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

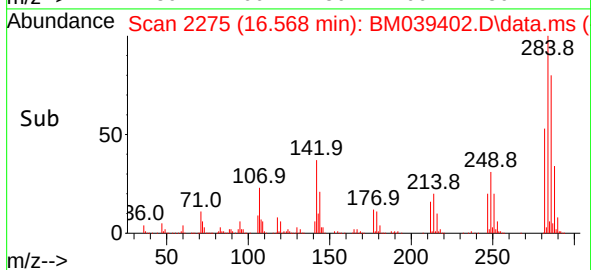
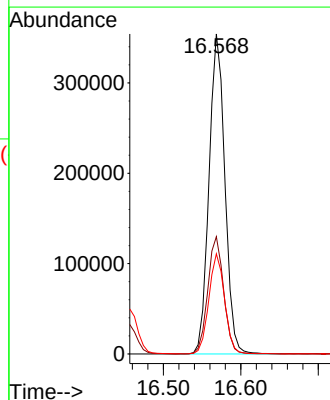
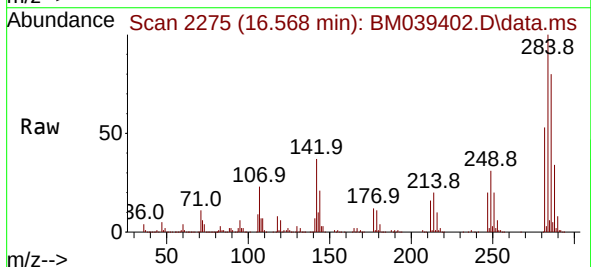
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

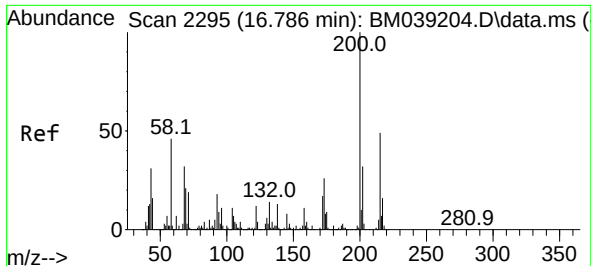
Tgt Ion:248 Resp: 473555  
Ion Ratio Lower Upper  
248 100  
250 96.6 78.8 118.2  
141 75.4 58.8 88.2



#68  
Hexachlorobenzene  
Concen: 43.144 ng  
RT: 16.568 min Scan# 2275  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:284 Resp: 503382  
Ion Ratio Lower Upper  
284 100  
142 36.6 27.4 41.2  
249 31.3 24.4 36.6

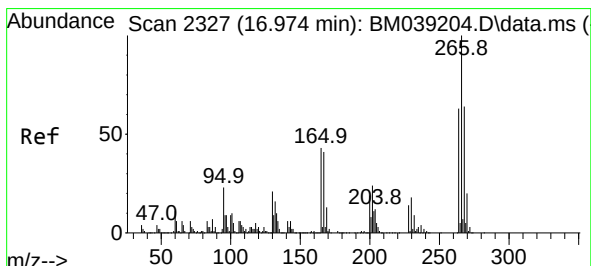
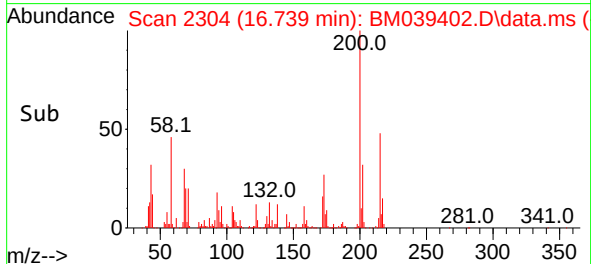
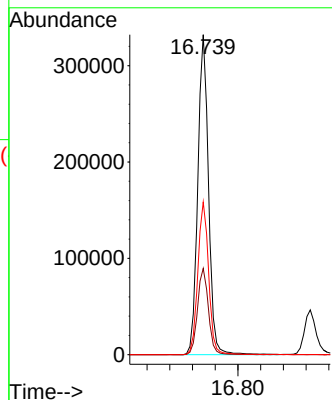
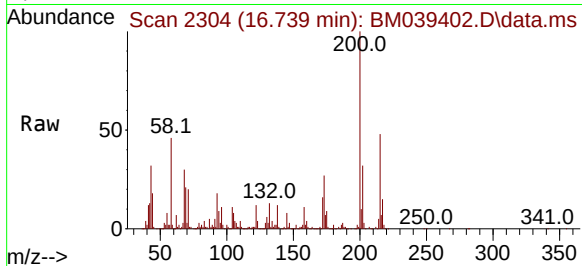




#69  
 Atrazine  
 Concen: 43.504 ng  
 RT: 16.739 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM039402.D  
 Acq: 12 Apr 2023 14:05

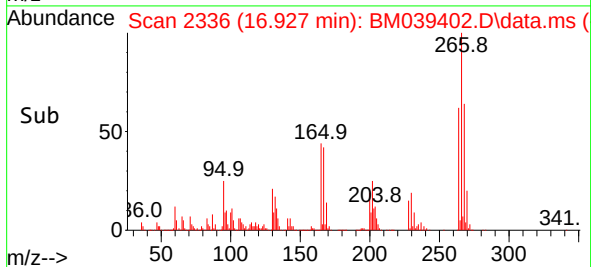
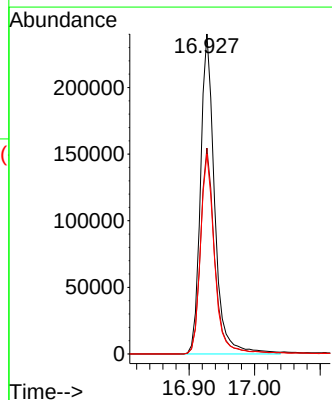
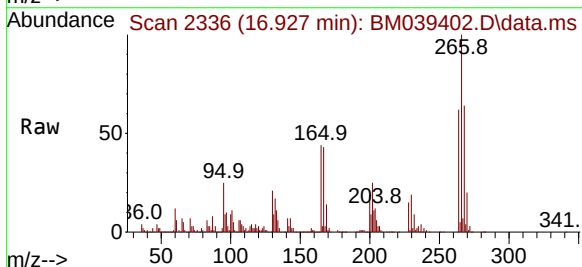
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

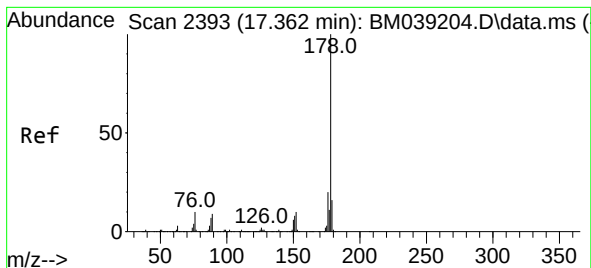
Tgt Ion:200 Resp: 437479  
 Ion Ratio Lower Upper  
 200 100  
 173 27.0 6.4 46.4  
 215 47.7 28.9 68.9



#70  
 Pentachlorophenol  
 Concen: 43.059 ng  
 RT: 16.927 min Scan# 2336  
 Delta R.T. 0.006 min  
 Lab File: BM039402.D  
 Acq: 12 Apr 2023 14:05

Tgt Ion:266 Resp: 360435  
 Ion Ratio Lower Upper  
 266 100  
 268 64.3 51.4 77.2  
 264 62.5 50.2 75.4





#71

Phenanthrene

Concen: 42.581 ng

RT: 17.309 min Scan# 241

Delta R.T. 0.000 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

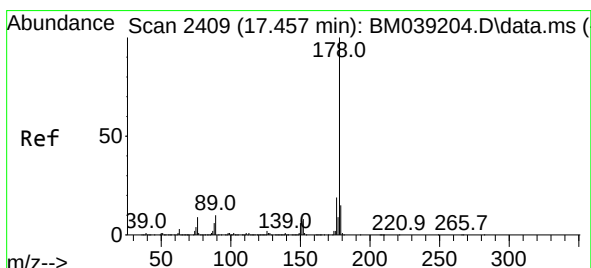
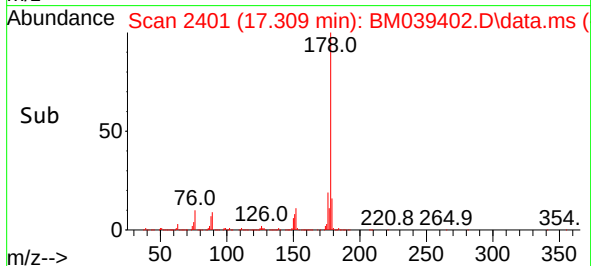
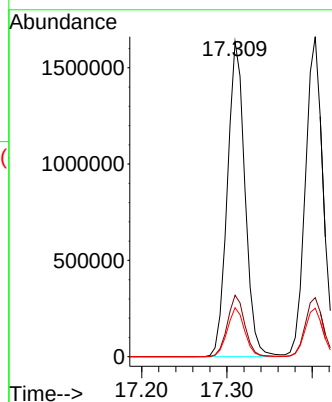
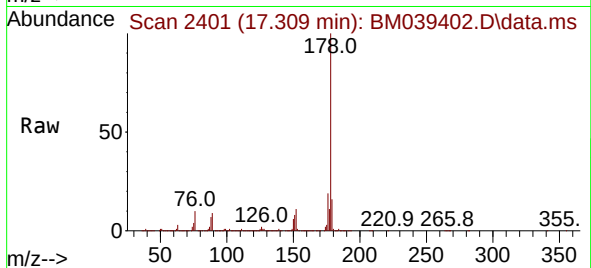
Tgt Ion:178 Resp: 2349746

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.6 12.4 18.6



#72

Anthracene

Concen: 43.087 ng

RT: 17.404 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

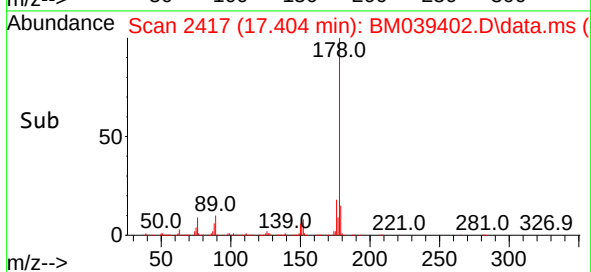
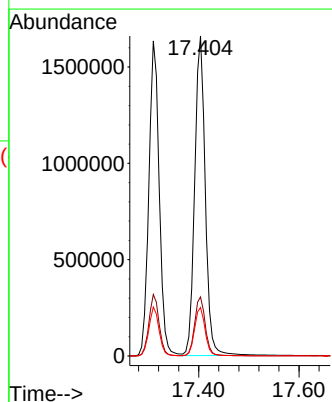
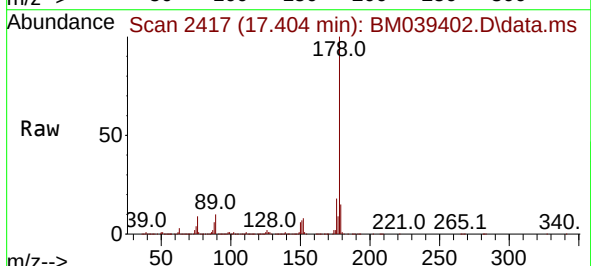
Tgt Ion:178 Resp: 2424497

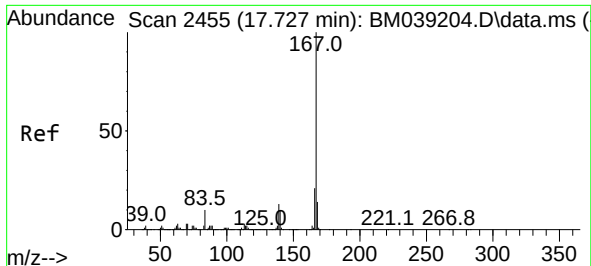
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.1 12.2 18.2

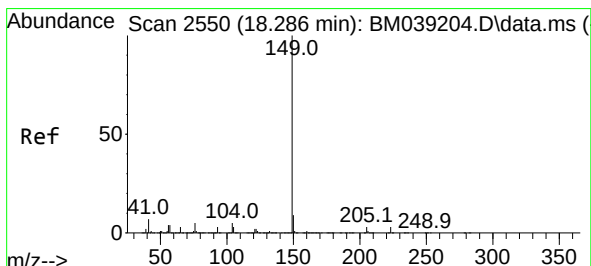
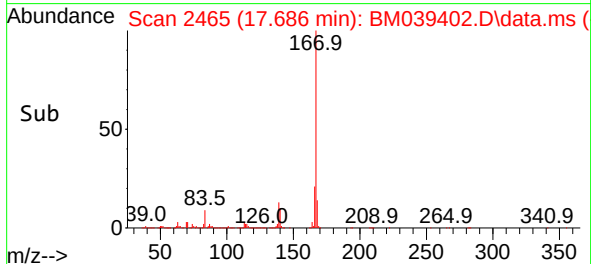
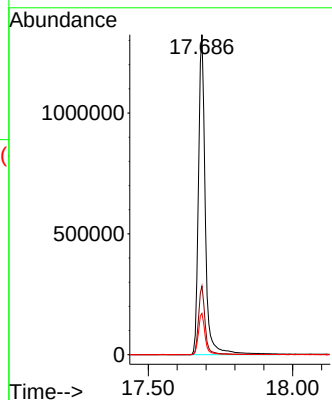
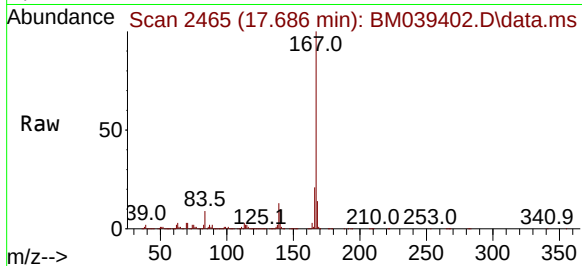




#73  
 Carbazole  
 Concen: 41.329 ng  
 RT: 17.686 min Scan# 2455  
 Delta R.T. 0.006 min  
 Lab File: BM039402.D  
 Acq: 12 Apr 2023 14:05

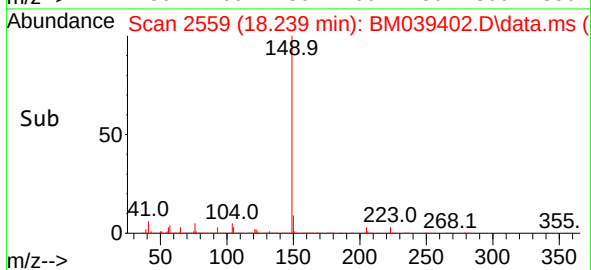
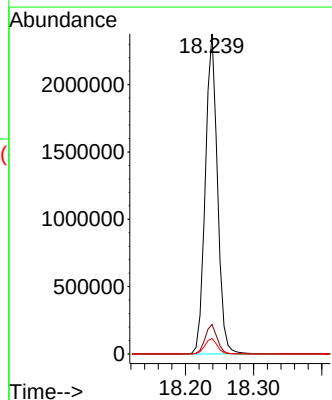
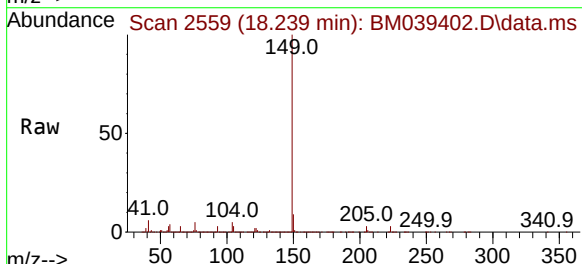
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:167 Resp: 2173045  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.2 25.8  
 139 12.9 10.6 16.0

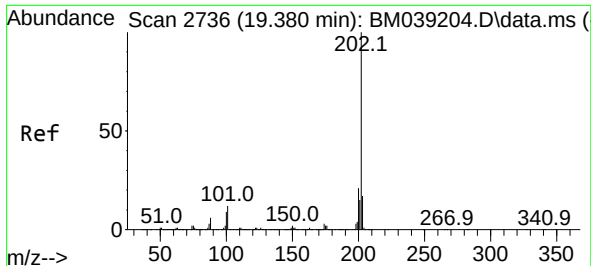


#74  
 Di-n-butylphthalate  
 Concen: 45.216 ng  
 RT: 18.239 min Scan# 2559  
 Delta R.T. 0.000 min  
 Lab File: BM039402.D  
 Acq: 12 Apr 2023 14:05

Tgt Ion:149 Resp: 2940899  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.5 11.3  
 104 4.9 4.1 6.1



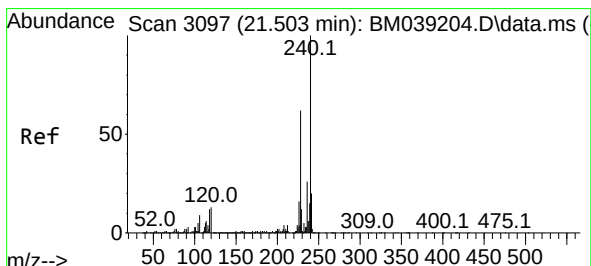
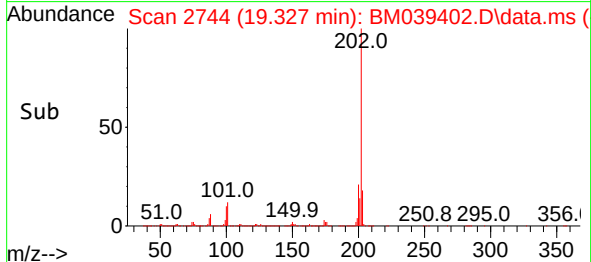
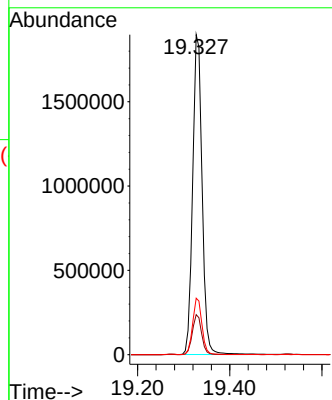
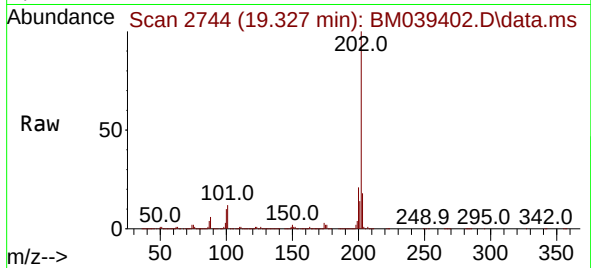




#75  
Fluoranthene  
Concen: 42.785 ng  
RT: 19.327 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

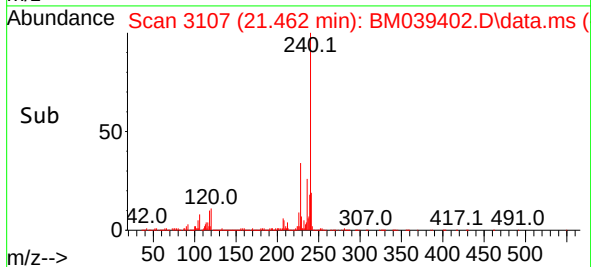
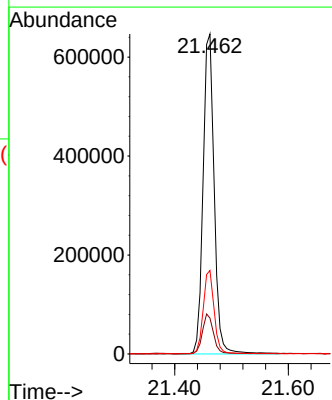
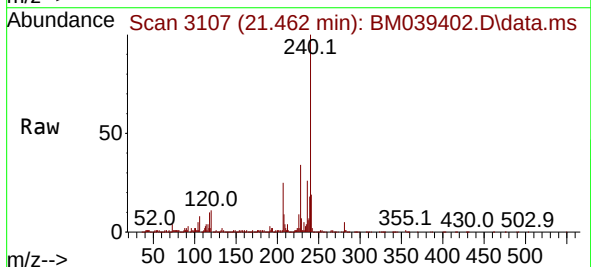
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

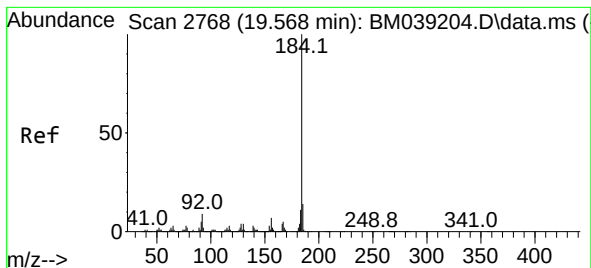
Tgt Ion:202 Resp: 2691370  
Ion Ratio Lower Upper  
202 100  
101 12.5 0.0 32.5  
203 17.7 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.462 min Scan# 3107  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:240 Resp: 877980  
Ion Ratio Lower Upper  
240 100  
120 11.2 10.2 15.2  
236 26.1 20.9 31.3





#77

Benzidine

Concen: 49.935 ng

RT: 19.527 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

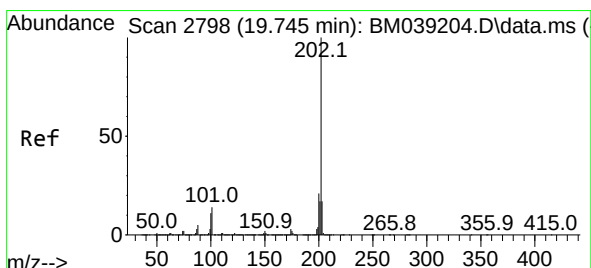
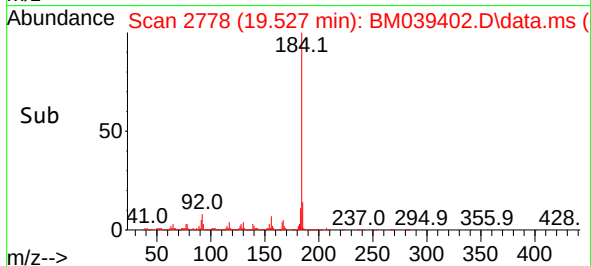
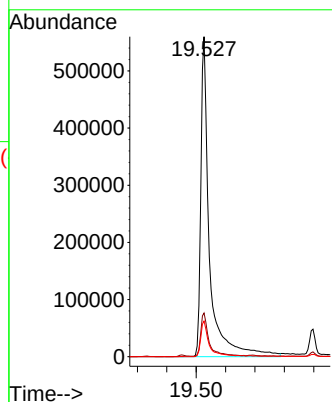
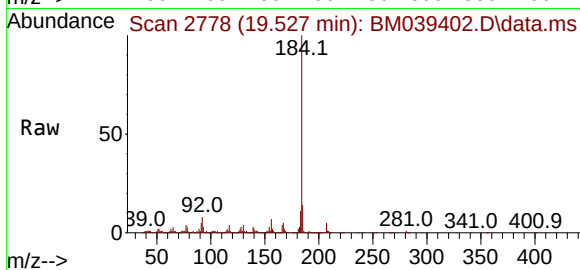
Tgt Ion:184 Resp: 1156392

Ion Ratio Lower Upper

184 100

185 13.7 11.4 17.0

183 11.1 9.0 13.4



#78

Pyrene

Concen: 44.573 ng

RT: 19.692 min Scan# 2806

Delta R.T. -0.006 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

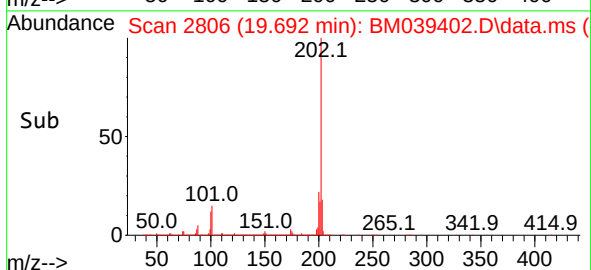
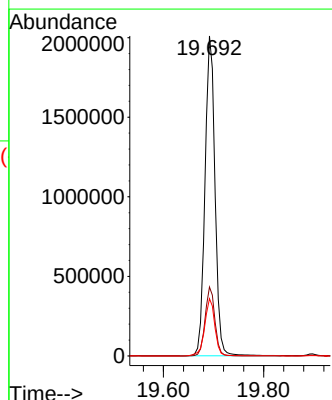
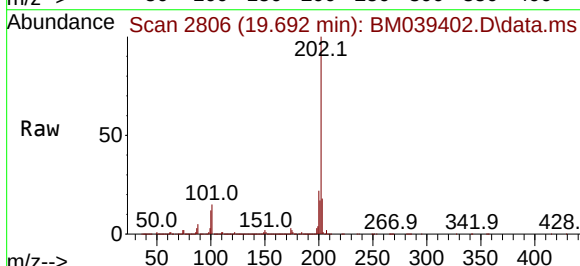
Tgt Ion:202 Resp: 2785941

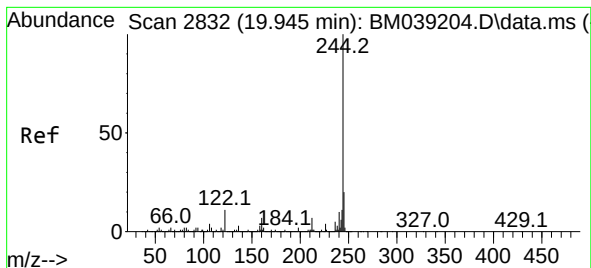
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.9 13.9 20.9





#79

Terphenyl-d14

Concen: 88.681 ng

RT: 19.898 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

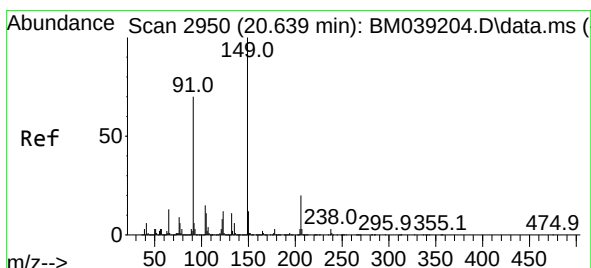
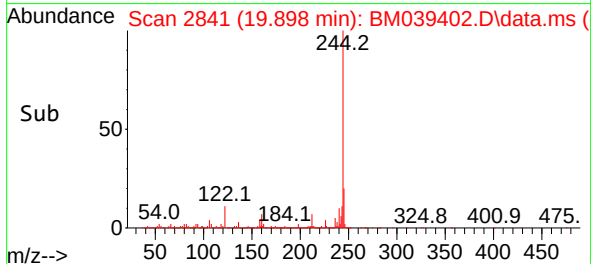
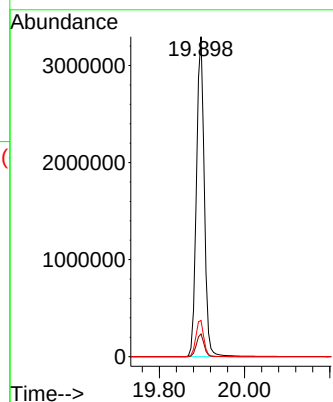
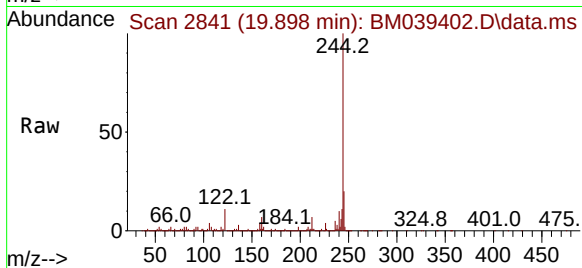
Tgt Ion:244 Resp: 4214248

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.3 9.1 13.7



#80

Butylbenzylphthalate

Concen: 46.223 ng

RT: 20.592 min Scan# 2959

Delta R.T. -0.006 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

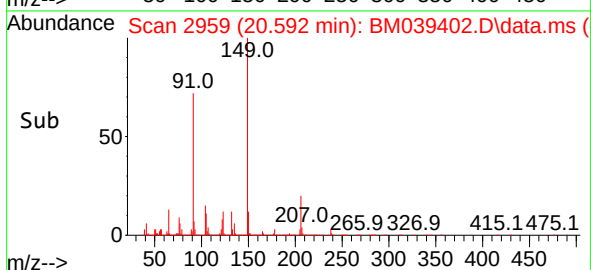
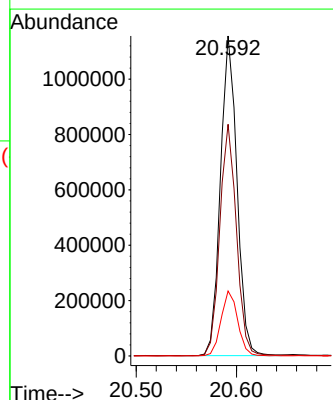
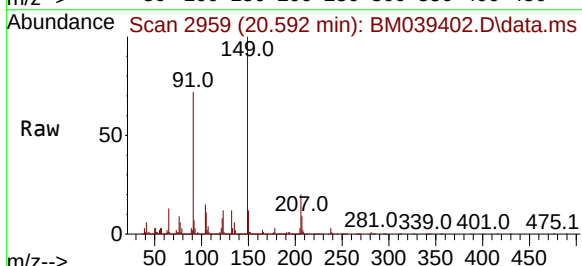
Tgt Ion:149 Resp: 1323574

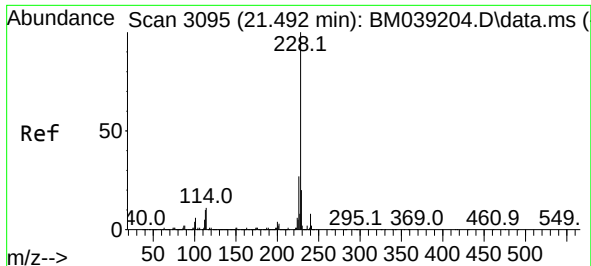
Ion Ratio Lower Upper

149 100

91 72.4 56.3 84.5

206 20.3 16.4 24.6

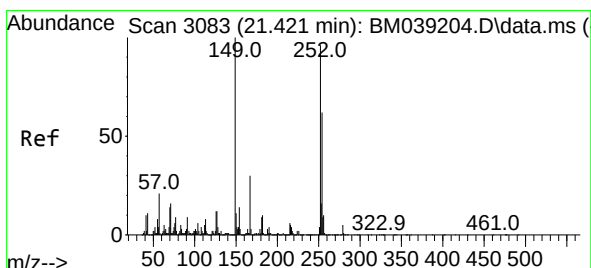
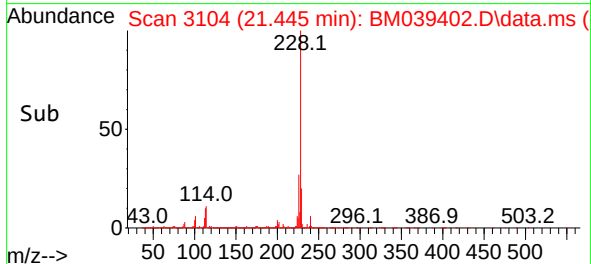
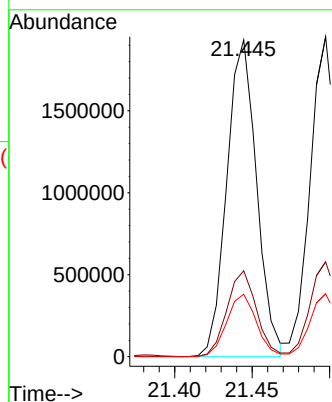
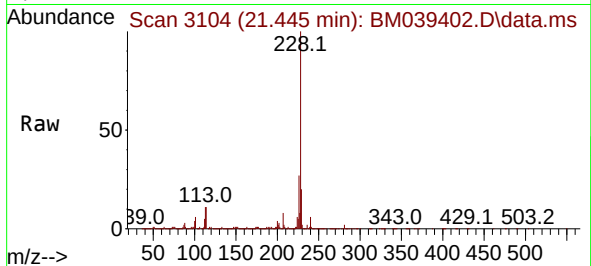




#81  
Benzo(a)anthracene  
Concen: 41.724 ng  
RT: 21.445 min Scan# 3104  
Delta R.T. 0.000 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

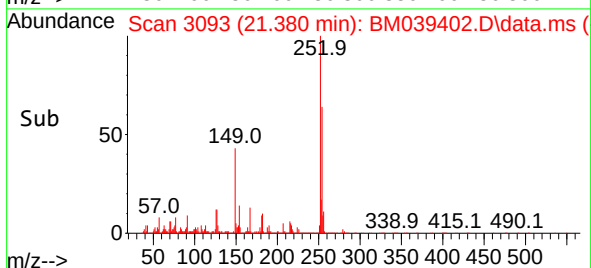
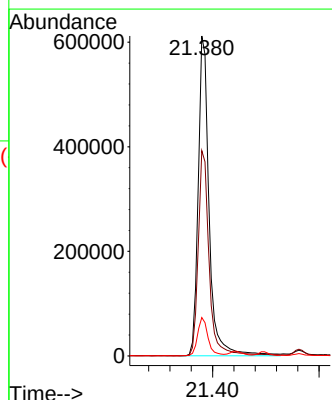
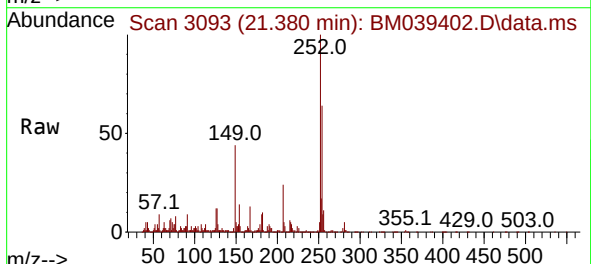
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

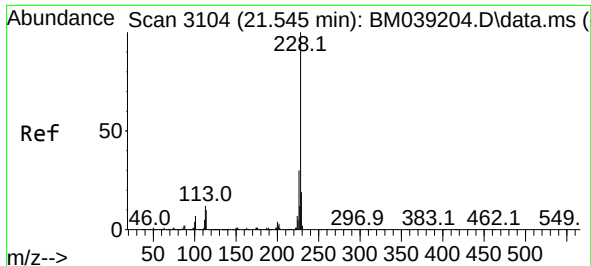
Tgt Ion:228 Resp: 2583573  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.9 32.9  
229 19.7 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 42.171 ng  
RT: 21.380 min Scan# 3093  
Delta R.T. -0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:252 Resp: 869879  
Ion Ratio Lower Upper  
252 100  
254 64.1 51.8 77.8  
126 12.0 10.1 15.1





#83

Chrysene

Concen: 43.069 ng

RT: 21.497 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

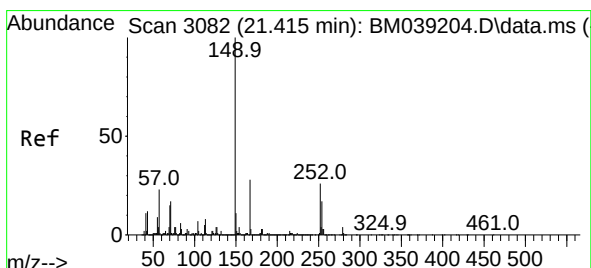
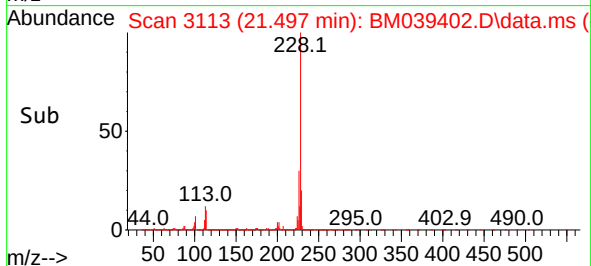
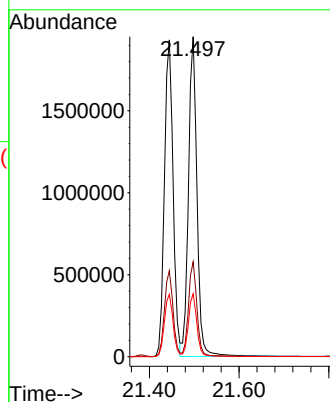
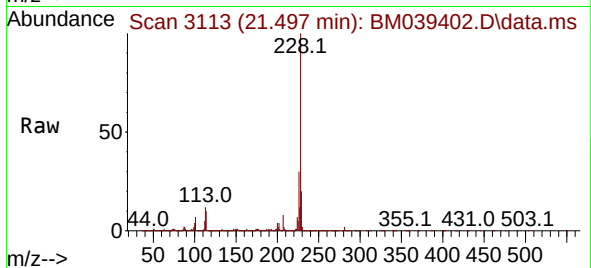
Tgt Ion:228 Resp: 2574500

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.677 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

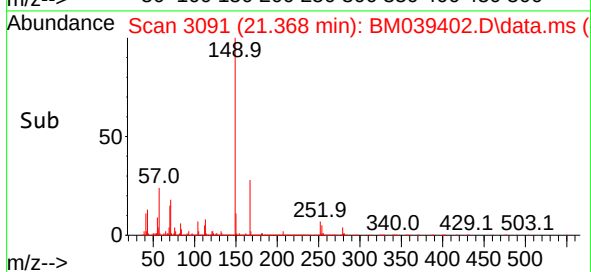
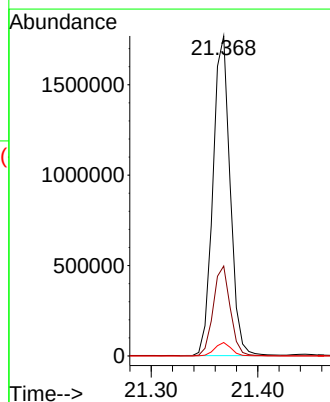
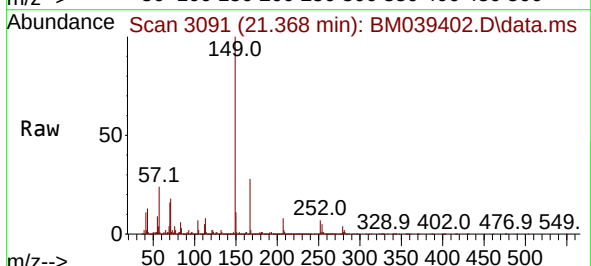
Tgt Ion:149 Resp: 1973982

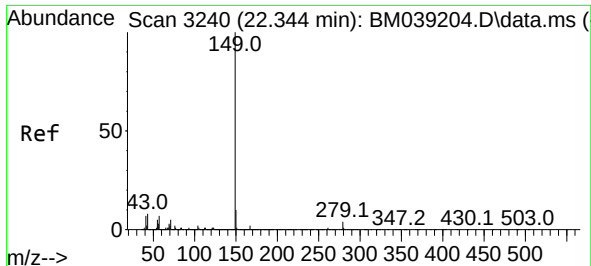
Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 4.2 3.4 5.2

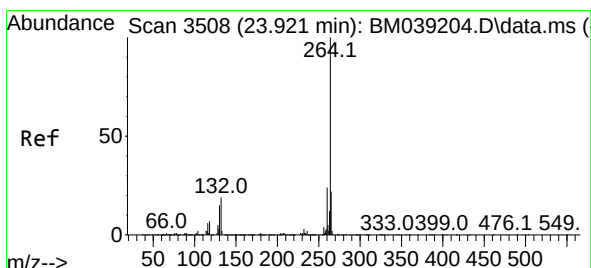
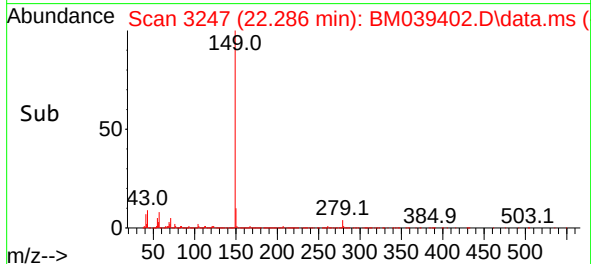
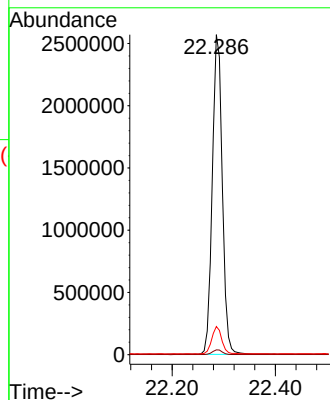
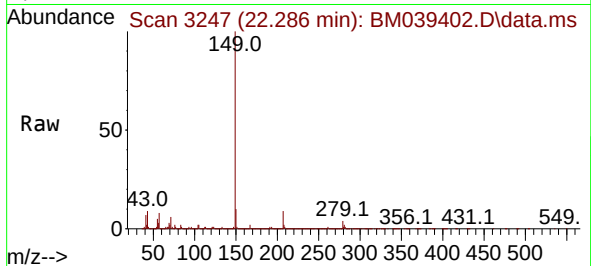




#85  
Di-n-octyl phthalate  
Concen: 45.156 ng  
RT: 22.286 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

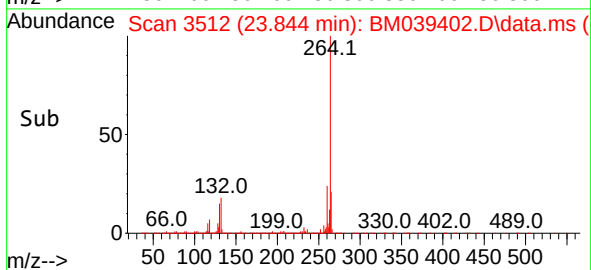
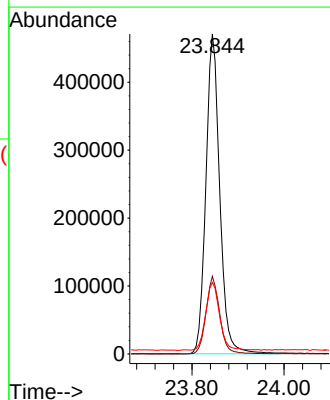
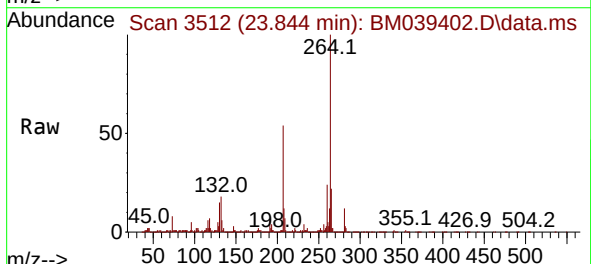
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

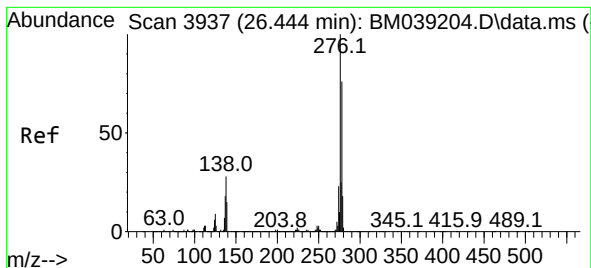
Tgt Ion:149 Resp: 3440552  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 8.5 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.844 min Scan# 3512  
Delta R.T. -0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:264 Resp: 987630  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.0 28.6  
265 22.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.023 ng

RT: 26.327 min Scan# 3934

Delta R.T. -0.012 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

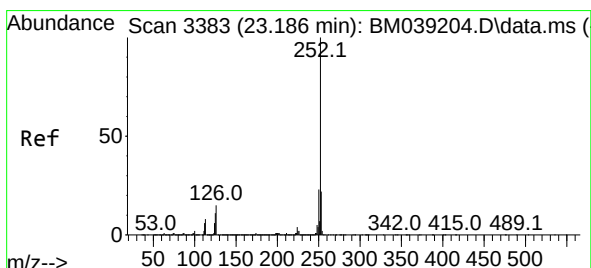
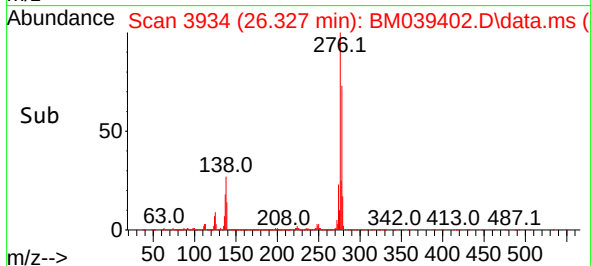
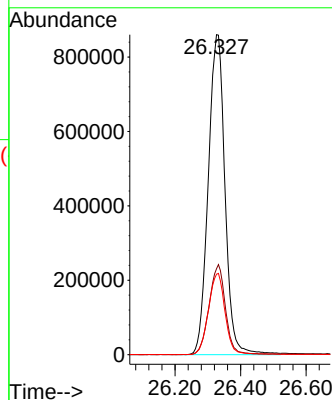
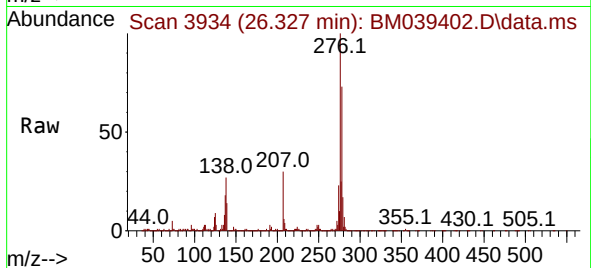
Tgt Ion:276 Resp: 3057934

Ion Ratio Lower Upper

276 100

138 27.4 22.2 33.2

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.066 ng

RT: 23.121 min Scan# 3389

Delta R.T. -0.006 min

Lab File: BM039402.D

Acq: 12 Apr 2023 14:05

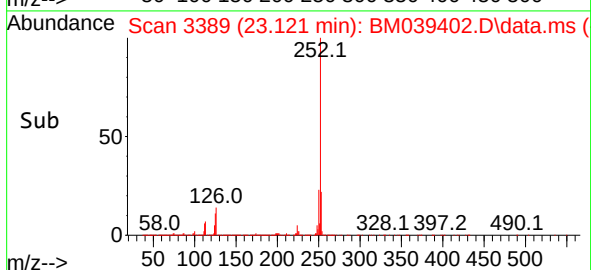
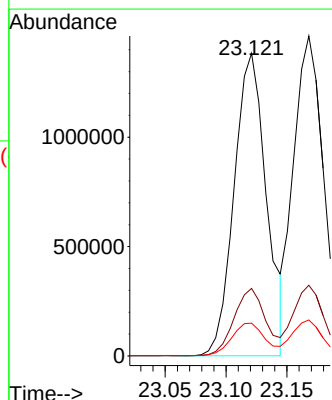
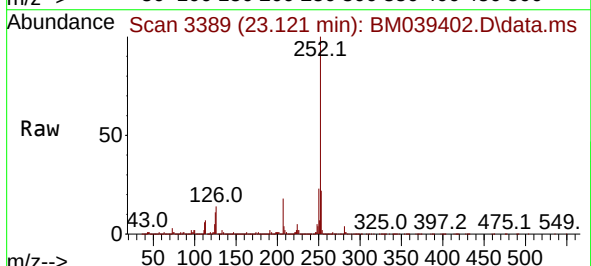
Tgt Ion:252 Resp: 2542078

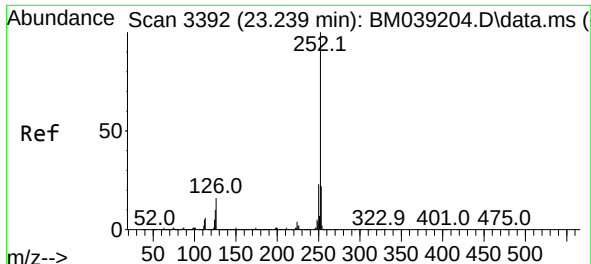
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.8 9.0 13.6

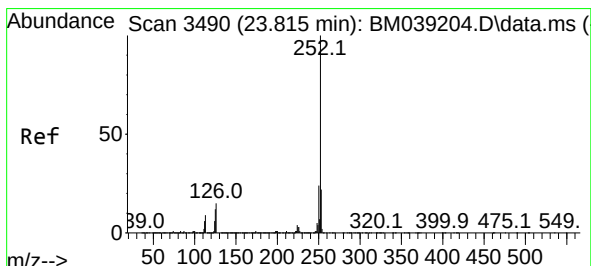
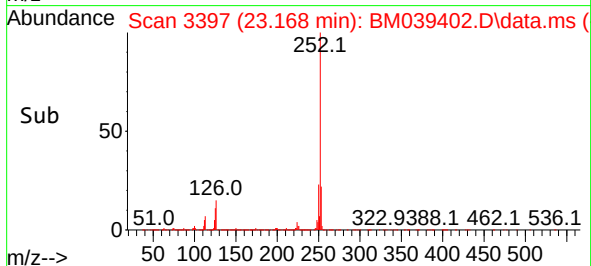
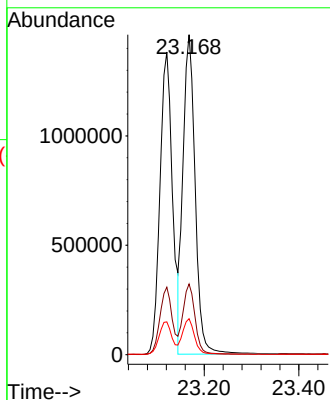
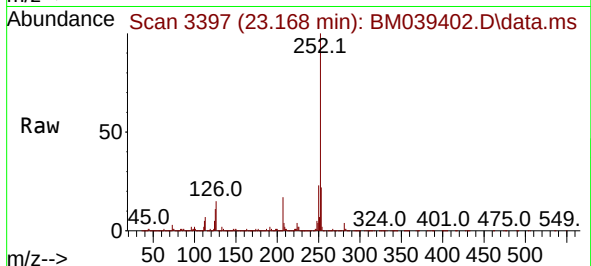




#89  
Benzo(k)fluoranthene  
Concen: 42.270 ng  
RT: 23.168 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

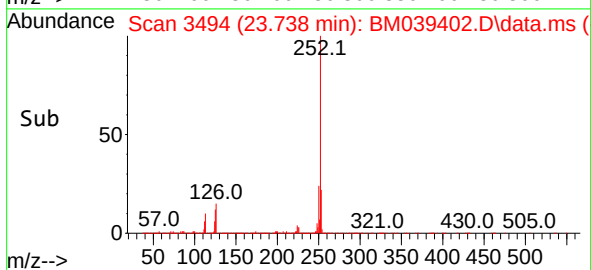
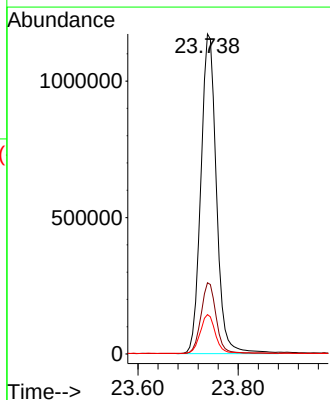
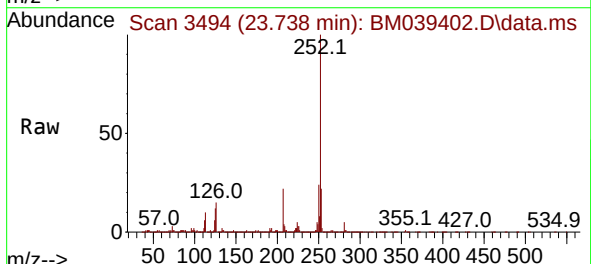
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 2601929  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 11.2 8.5 12.7

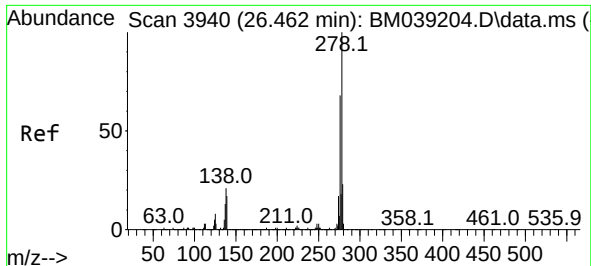


#90  
Benzo(a)pyrene  
Concen: 42.508 ng  
RT: 23.738 min Scan# 3494  
Delta R.T. -0.012 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:252 Resp: 2523481  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 12.3 9.8 14.6



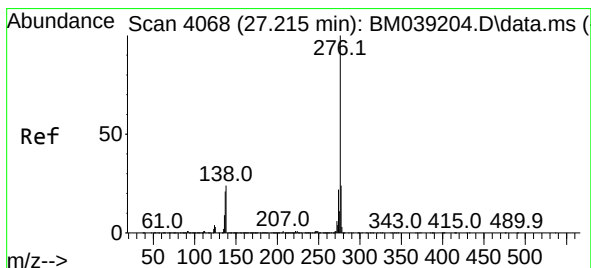
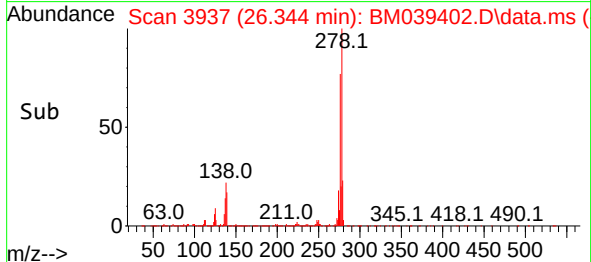
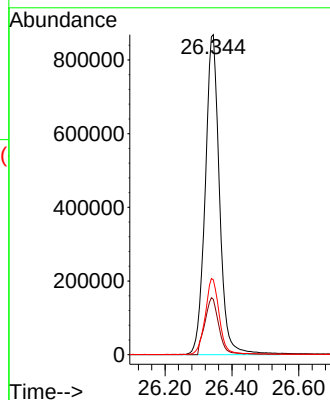
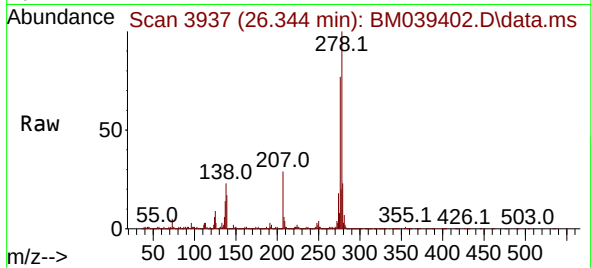




#91  
Dibenzo(a,h)anthracene  
Concen: 42.252 ng  
RT: 26.344 min Scan# 3940  
Delta R.T. -0.006 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 2581682  
Ion Ratio Lower Upper  
278 100  
139 17.3 13.9 20.9  
279 23.4 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 42.336 ng  
RT: 27.091 min Scan# 4064  
Delta R.T. -0.012 min  
Lab File: BM039402.D  
Acq: 12 Apr 2023 14:05

Tgt Ion:276 Resp: 2544008  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.1 28.7  
138 24.4 19.5 29.3

