

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052924\  
 Data File : BP020473.D  
 Acq On : 29 May 2024 12:52  
 Operator : MA/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICCC040

Quant Time: May 30 01:48:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 01:44:22 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.769  | 152  | 328112   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.534 | 136  | 1406904  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.392 | 164  | 932714   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 1943330  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.669 | 240  | 1465126  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.021 | 264  | 1320539  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 1484510  | 81.005 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.934  | 99   | 2100513  | 81.275 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.922  | 82   | 2090628  | 81.343 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.910 | 330  | 820357   | 84.750 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.004 | 172  | 4893088  | 78.205 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.945 | 244  | 7482611  | 85.020 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.328  | 88   | 291287   | 39.337 | ng    | 100      |
| 3) Pyridine                   | 3.717  | 79   | 758913   | 39.036 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.634  | 42   | 410976   | 40.641 | ng    | 100      |
| 6) Aniline                    | 7.111  | 93   | 1071337  | 40.910 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.334  | 128  | 832788   | 40.538 | ng    | 100      |
| 9) Benzaldehyde               | 6.922  | 77   | 583725   | 35.211 | ng    | 100      |
| 10) Phenol                    | 6.963  | 94   | 1075041  | 40.609 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.210  | 93   | 883987   | 40.490 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.658  | 146  | 966407   | 39.927 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.805  | 146  | 986730   | 40.110 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.116  | 146  | 954928   | 40.222 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.005  | 79   | 785212   | 41.132 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.293  | 45   | 1306834  | 39.991 | ng    | 100      |
| 17) 2-Methylphenol            | 8.199  | 107  | 736052   | 40.972 | ng    | 100      |
| 18) Hexachloroethane          | 8.834  | 117  | 362526   | 40.357 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.575  | 70   | 726883   | 41.199 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.522  | 107  | 1007500  | 41.233 | ng    | 100      |
| 22) Acetophenone              | 8.587  | 105  | 1392983  | 39.888 | ng    | 100      |
| 24) Nitrobenzene              | 8.963  | 77   | 1047571  | 40.161 | ng    | 100      |
| 25) Isophorone                | 9.475  | 82   | 2015690  | 40.365 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.663  | 139  | 392184   | 43.719 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 9.716  | 122  | 618029   | 40.966 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.957  | 93   | 1223372  | 39.858 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.181 | 162  | 831117   | 41.064 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.404 | 180  | 956635   | 39.814 | ng    | 100      |
| 31) Naphthalene               | 10.581 | 128  | 2851472  | 39.646 | ng    | 100      |
| 32) Benzoic acid              | 9.840  | 122  | 514965   | 40.514 | ng    | 100      |
| 33) 4-Chloroaniline           | 10.699 | 127  | 1118897  | 40.215 | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.863 | 225  | 598490   | 39.542 | ng    | 100      |
| 35) Caprolactam               | 11.481 | 113  | 306663   | 41.349 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.816 | 107  | 958570   | 40.451 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.204 | 142  | 2034891  | 39.484 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.416 | 142  | 1990568  | 38.963 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.563 | 216  | 1072909  | 39.757 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.551 | 237  | 391056   | 41.232 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.804 | 196  | 679340   | 41.645 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052924\  
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 Operator : MA/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

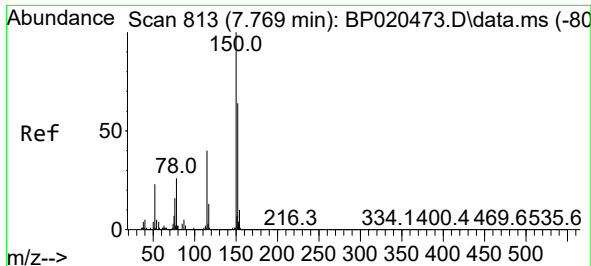
Instrument :  
 BNA\_P  
 ClientSampleId :  
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Quant Time: May 30 01:48:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
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 QLast Update : Thu May 30 01:44:22 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.875 | 196  | 783977   | 41.658 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.222 | 154  | 2638030  | 40.077 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.257 | 162  | 2092130  | 39.980 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.463 | 65   | 600764   | 42.368 | ng    | 100      |
| 49) Acenaphthylene            | 14.110 | 152  | 3071469  | 39.557 | ng    | 100      |
| 50) Dimethylphthalate         | 13.851 | 163  | 2598316  | 39.520 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.969 | 165  | 581473   | 41.377 | ng    | 100      |
| 52) Acenaphthene              | 14.457 | 154  | 1914306  | 39.268 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.292 | 138  | 585250   | 41.518 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.498 | 184  | 188468   | 41.748 | ng    | 100      |
| 55) Dibenzofuran              | 14.798 | 168  | 3064521  | 39.497 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.592 | 139  | 452293   | 41.479 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 14.763 | 165  | 776663   | 42.054 | ng    | 100      |
| 58) Fluorene                  | 15.463 | 166  | 2423912  | 38.915 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.022 | 232  | 648314   | 42.096 | ng    | 100      |
| 60) Diethylphthalate          | 15.245 | 149  | 2656714  | 39.751 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.463 | 204  | 1255959  | 39.075 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.481 | 138  | 580827   | 40.001 | ng    | 100      |
| 63) Azobenzene                | 15.757 | 77   | 2463369  | 39.473 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 198  | 302894   | 39.999 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.681 | 169  | 2103606  | 39.372 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.381 | 248  | 784703   | 39.469 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.481 | 284  | 917077   | 39.194 | ng    | 100      |
| 69) Atrazine                  | 16.669 | 200  | 751864   | 40.000 | ng    | 100      |
| 70) Pentachlorophenol         | 16.828 | 266  | 568438   | 40.000 | ng    | 100      |
| 71) Phenanthrene              | 17.245 | 178  | 3758700  | 39.346 | ng    | 100      |
| 72) Anthracene                | 17.345 | 178  | 3737417  | 39.871 | ng    | 100      |
| 73) Carbazole                 | 17.622 | 167  | 3574225  | 39.419 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.228 | 149  | 4541936  | 41.364 | ng    | 100      |
| 75) Fluoranthene              | 19.339 | 202  | 4478880  | 39.631 | ng    | 100      |
| 77) Benzidine                 | 19.533 | 184  | 2135367  | 52.616 | ng    | 100      |
| 78) Pyrene                    | 19.716 | 202  | 4574859  | 41.513 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.680 | 149  | 1765323  | 41.895 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.651 | 228  | 3855419  | 39.965 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.574 | 252  | 1219720  | 42.533 | ng    | 100      |
| 83) Chrysene                  | 21.716 | 228  | 3655566  | 40.214 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.610 | 149  | 2717222  | 43.323 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.916 | 149  | 3702635  | 40.617 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.862 | 276  | 2848229  | 35.512 | ng    | 92       |
| 88) Benzo(b)fluoranthene      | 23.963 | 252  | 3329369  | 40.470 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.027 | 252  | 3213308  | 40.048 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.857 | 252  | 2788743  | 40.932 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.939 | 278  | 2810443  | 41.960 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 30.003 | 276  | 2821969  | 42.152 | ng    | 100      |

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

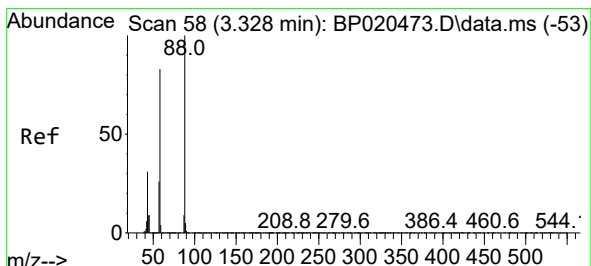
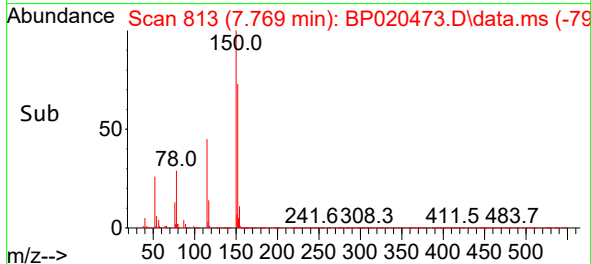
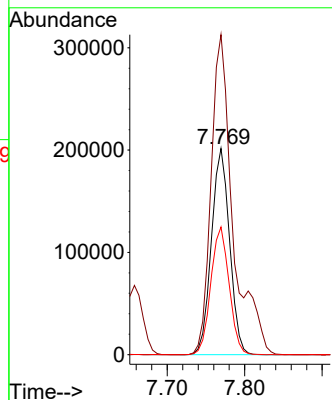
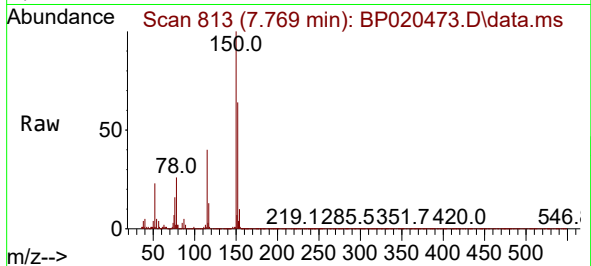




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.769 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

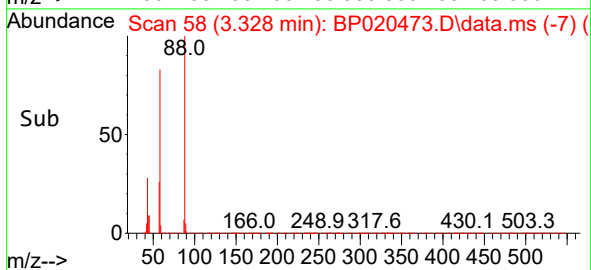
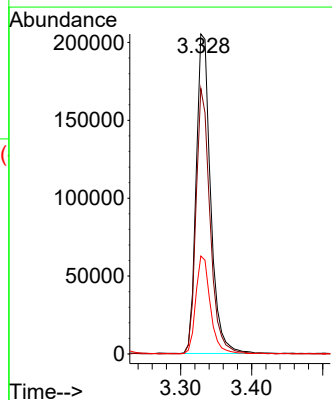
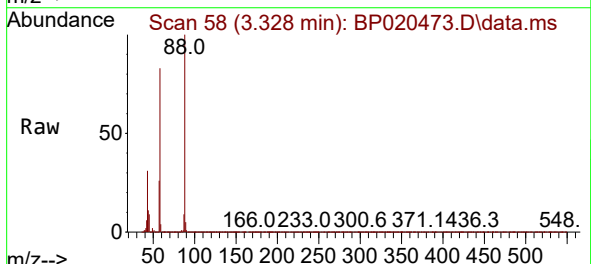
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

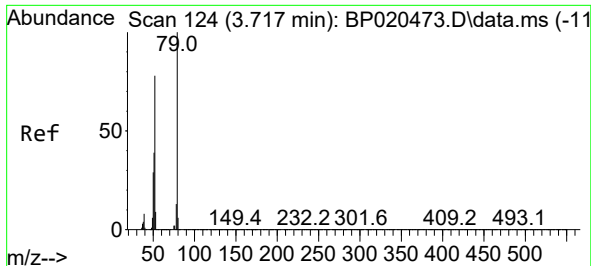
Tgt Ion:152 Resp: 328112  
Ion Ratio Lower Upper  
152 100  
150 155.2 124.2 186.2  
115 61.9 49.5 74.3



#2  
1,4-Dioxane  
Concen: 39.337 ng  
RT: 3.328 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion: 88 Resp: 291287  
Ion Ratio Lower Upper  
88 100  
58 80.8 64.6 97.0  
43 30.6 24.5 36.7

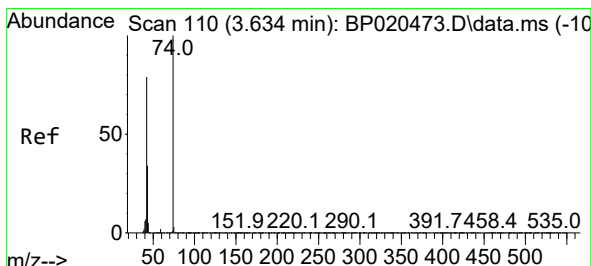
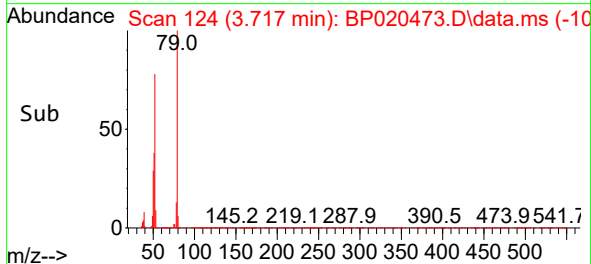
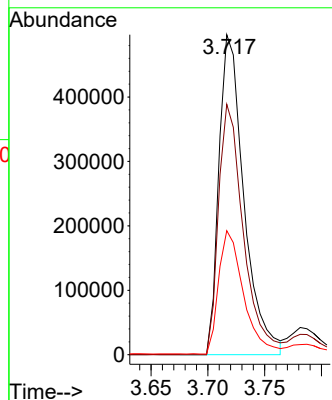
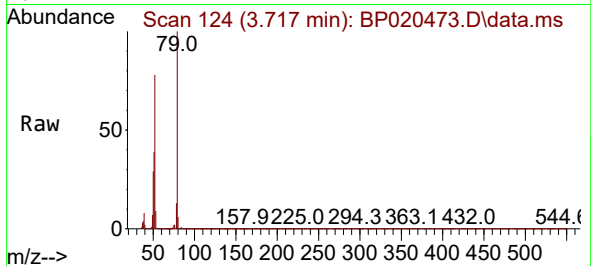




#3  
Pyridine  
Concen: 39.036 ng  
RT: 3.717 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

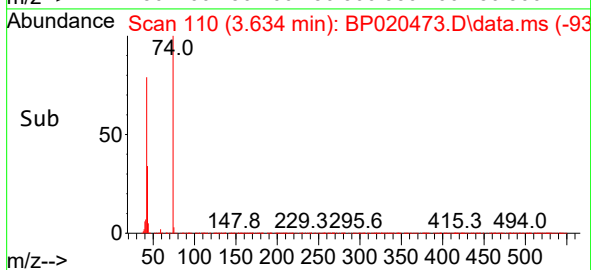
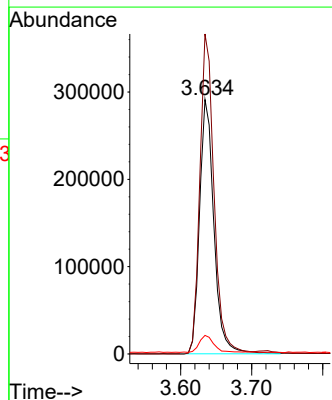
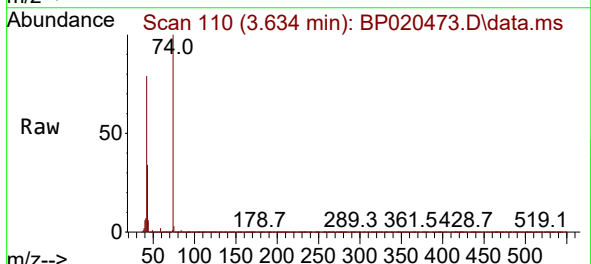
Instrument :  
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ClientSampleId :  
SSTDICCC040

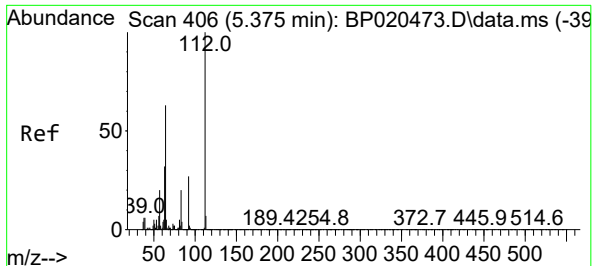
Tgt Ion: 79 Resp: 758913  
Ion Ratio Lower Upper  
79 100  
52 78.3 62.6 94.0  
51 38.7 31.0 46.4



#4  
n-Nitrosodimethylamine  
Concen: 40.641 ng  
RT: 3.634 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion: 42 Resp: 410976  
Ion Ratio Lower Upper  
42 100  
74 125.8 100.6 151.0  
44 7.3 5.8 8.8

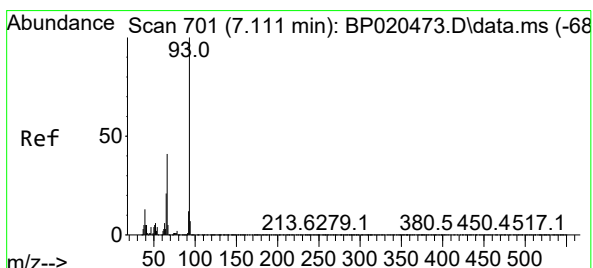
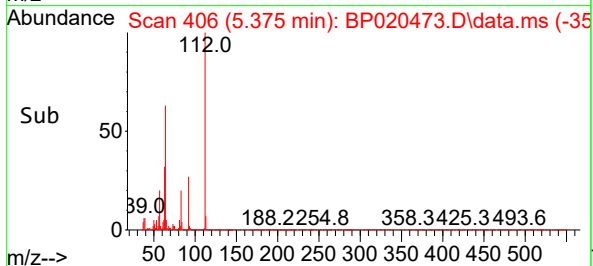
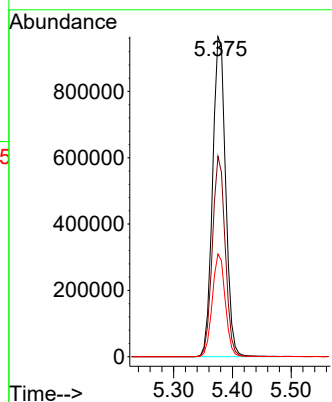
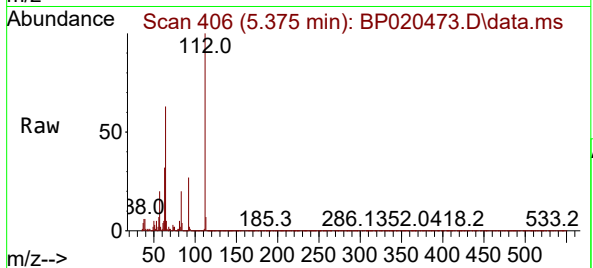




#5  
2-Fluorophenol  
Concen: 81.005 ng  
RT: 5.375 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

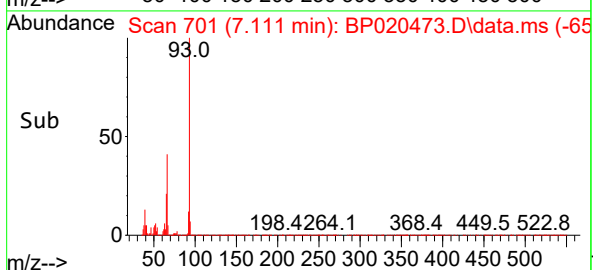
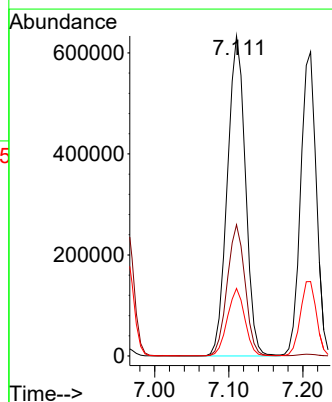
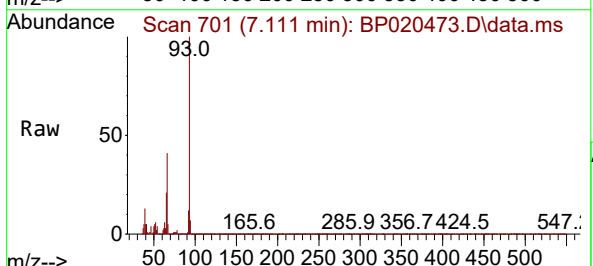
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BNA\_P  
ClientSampleId :  
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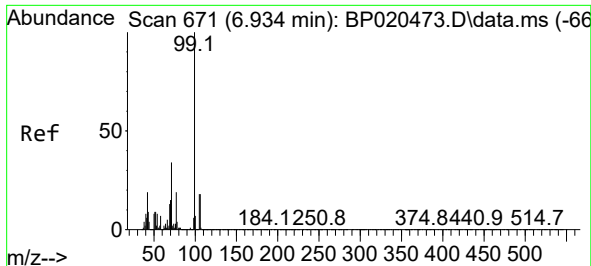
Tgt Ion:112 Resp: 1484510  
Ion Ratio Lower Upper  
112 100  
64 62.6 50.1 75.1  
63 32.1 25.7 38.5



#6  
Aniline  
Concen: 40.910 ng  
RT: 7.111 min Scan# 701  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion: 93 Resp: 1071337  
Ion Ratio Lower Upper  
93 100  
66 41.0 32.8 49.2  
65 21.1 16.9 25.3

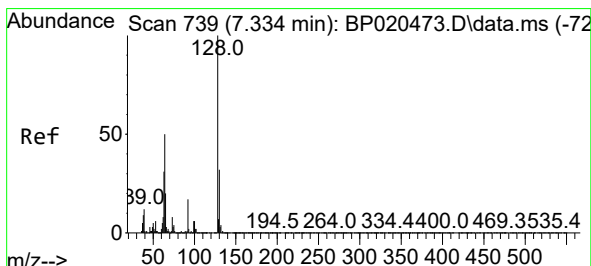
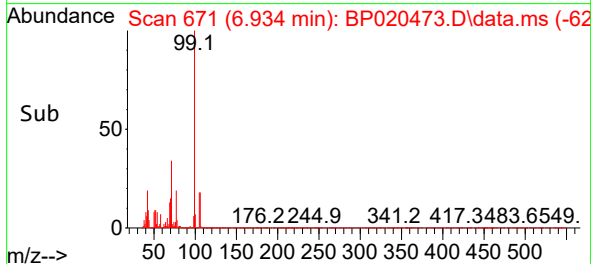
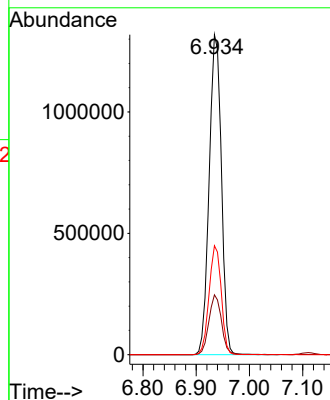
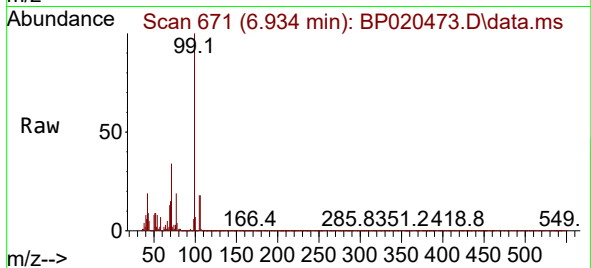




#7  
Phenol-d6  
Concen: 81.275 ng  
RT: 6.934 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

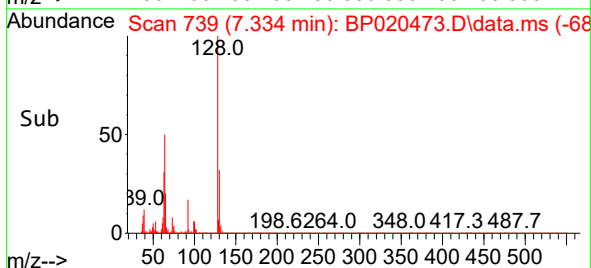
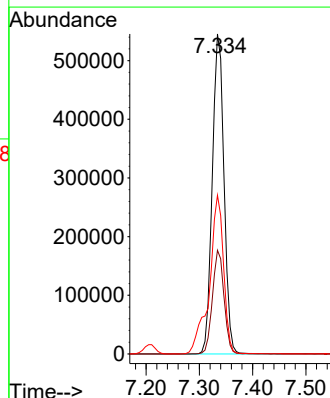
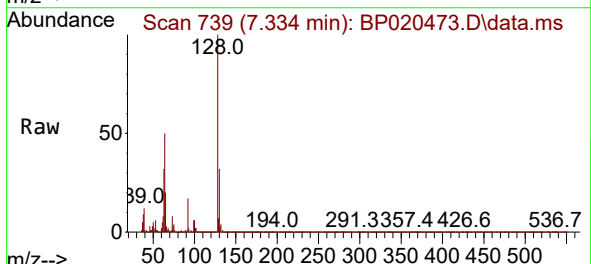
Instrument :  
BNA\_P  
ClientSampleId :  
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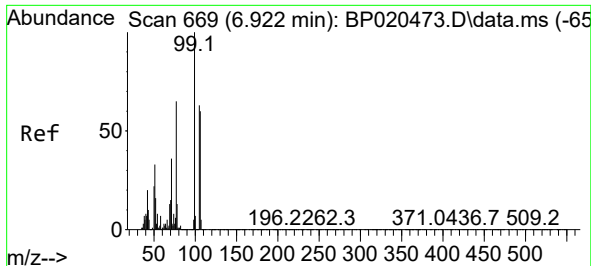
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Ion Ratio Lower Upper  
99 100  
42 18.7 15.0 22.4  
71 34.1 27.3 40.9



#8  
2-Chlorophenol  
Concen: 40.538 ng  
RT: 7.334 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion: 128 Resp: 832788  
Ion Ratio Lower Upper  
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130 32.4 12.4 52.4  
64 49.6 29.6 69.6

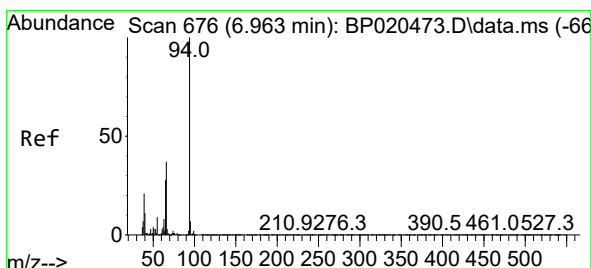
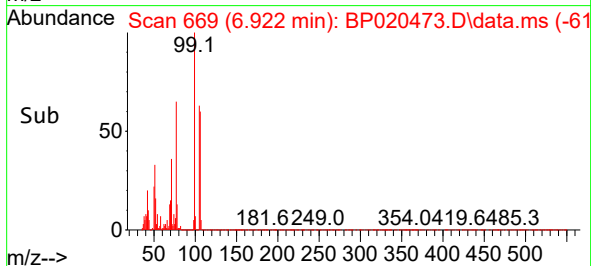
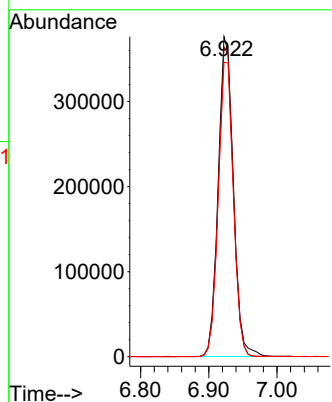
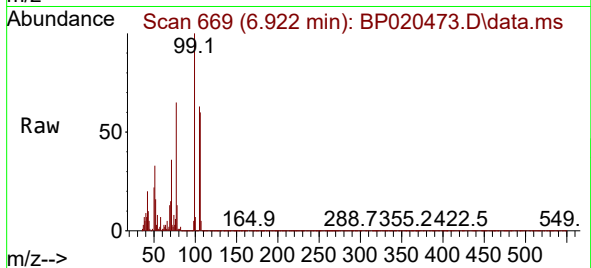




#9  
Benzaldehyde  
Concen: 35.211 ng  
RT: 6.922 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

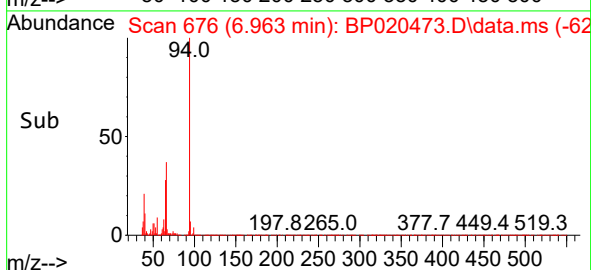
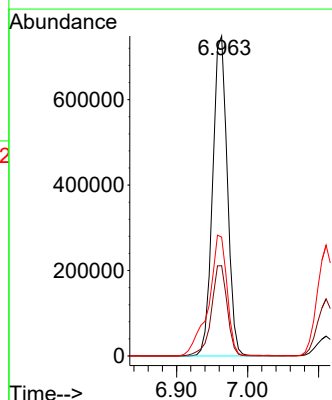
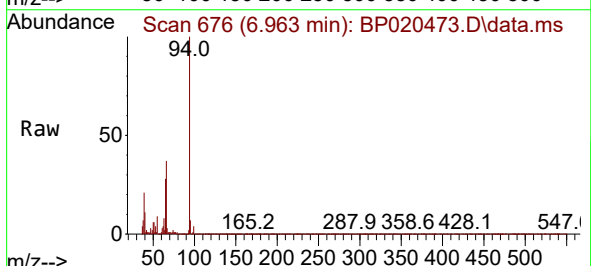
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

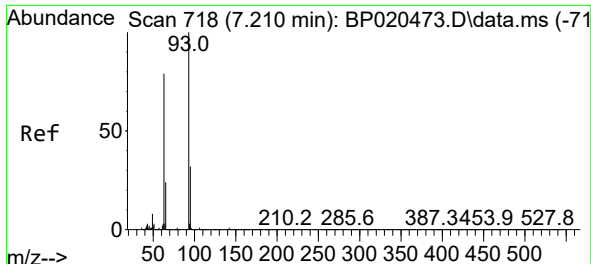
Tgt Ion: 77 Resp: 583725  
Ion Ratio Lower Upper  
77 100  
105 96.8 76.8 116.8  
106 92.0 72.0 112.0



#10  
Phenol  
Concen: 40.609 ng  
RT: 6.963 min Scan# 676  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion: 94 Resp: 1075041  
Ion Ratio Lower Upper  
94 100  
65 28.2 8.2 48.2  
66 37.2 17.2 57.2





#11

bis(2-Chloroethyl)ether

Concen: 40.490 ng

RT: 7.210 min Scan# 718

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

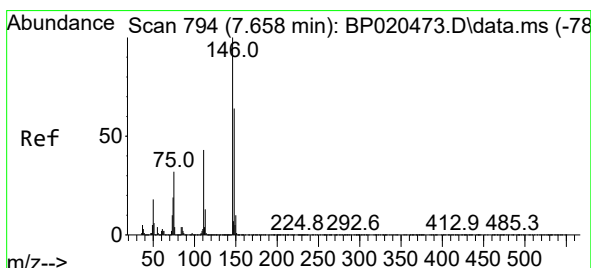
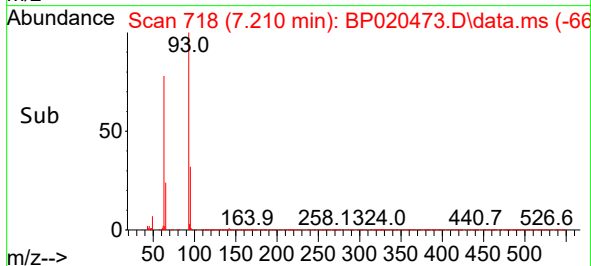
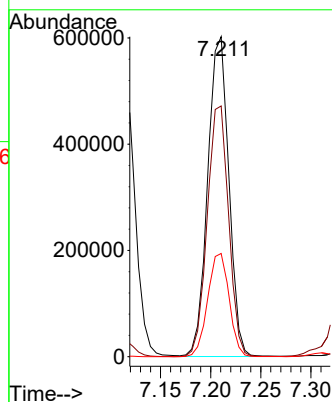
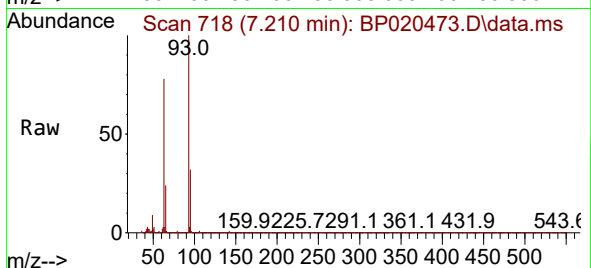
Tgt Ion: 93 Resp: 883987

Ion Ratio Lower Upper

93 100

63 78.3 58.3 98.3

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.927 ng

RT: 7.658 min Scan# 794

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

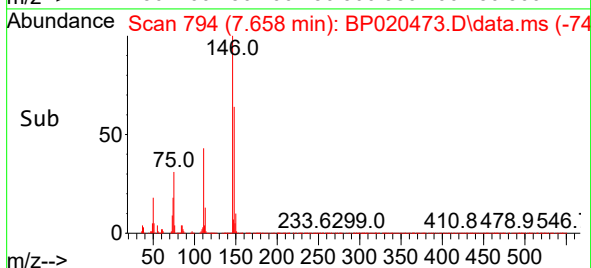
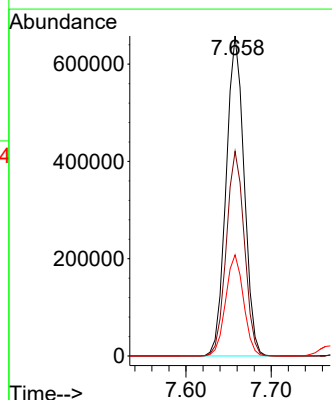
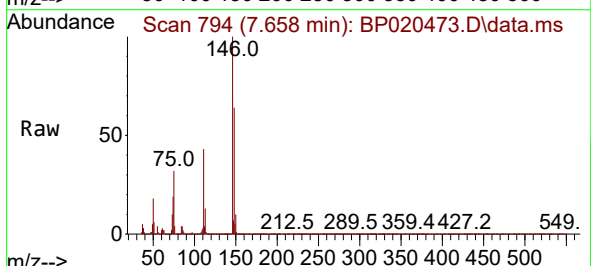
Tgt Ion:146 Resp: 966407

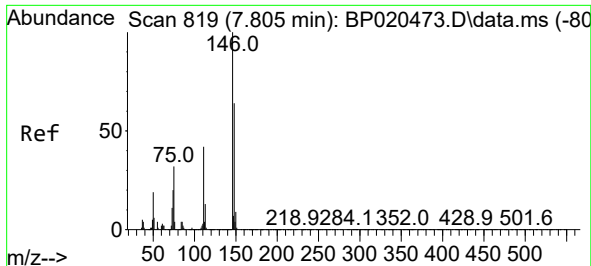
Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

75 31.6 25.3 37.9

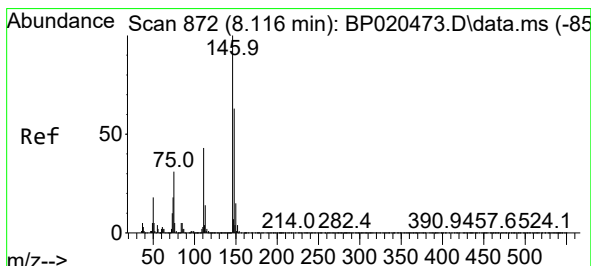
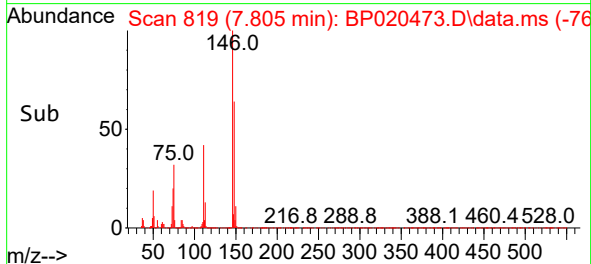
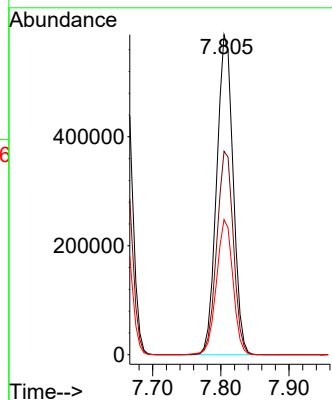
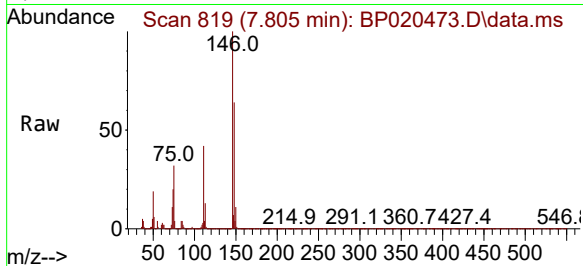




#13  
1,4-Dichlorobenzene  
Concen: 40.110 ng  
RT: 7.805 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

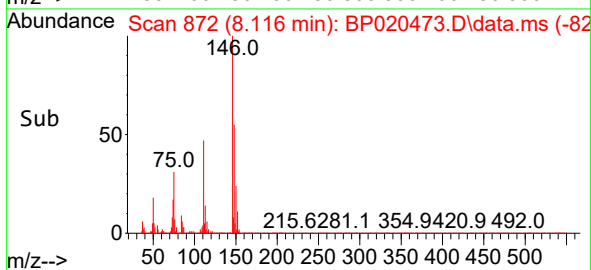
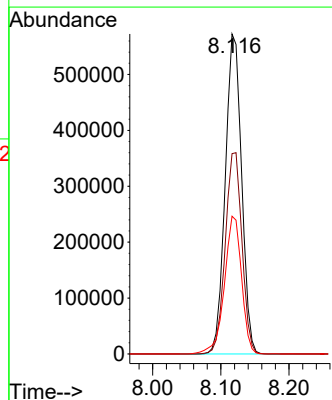
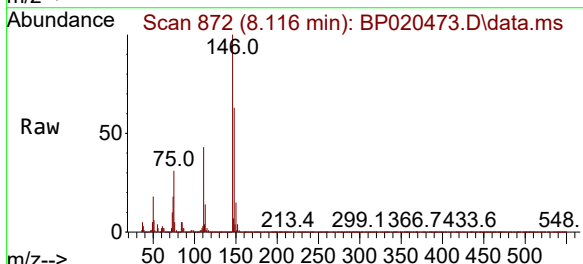
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

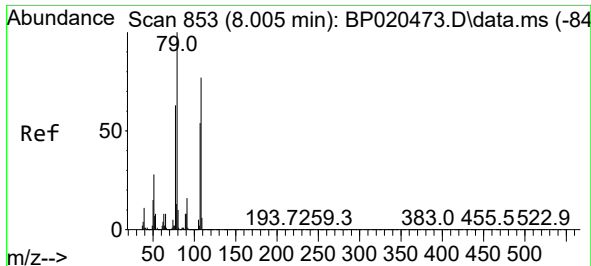
Tgt Ion:146 Resp: 986730  
Ion Ratio Lower Upper  
146 100  
148 63.5 50.8 76.2  
111 42.2 33.8 50.6



#14  
1,2-Dichlorobenzene  
Concen: 40.222 ng  
RT: 8.116 min Scan# 872  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:146 Resp: 954928  
Ion Ratio Lower Upper  
146 100  
148 62.6 50.1 75.1  
111 43.0 34.4 51.6

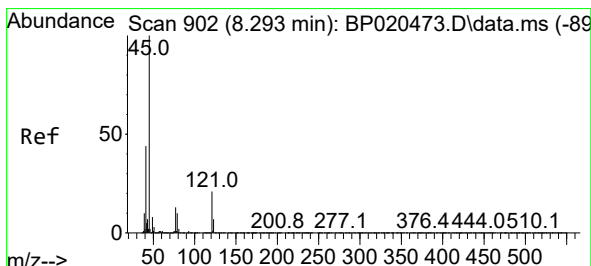
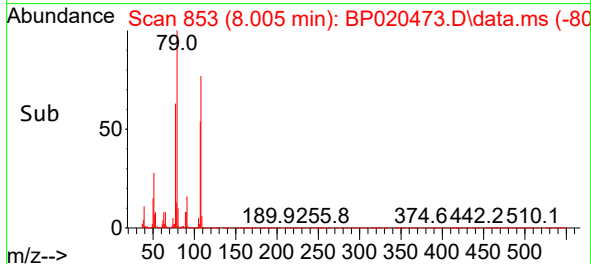
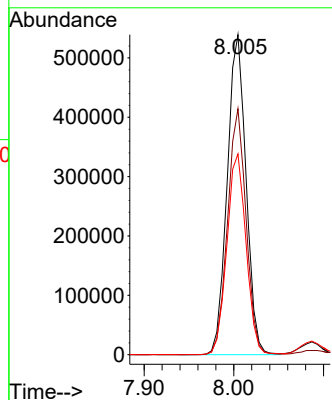
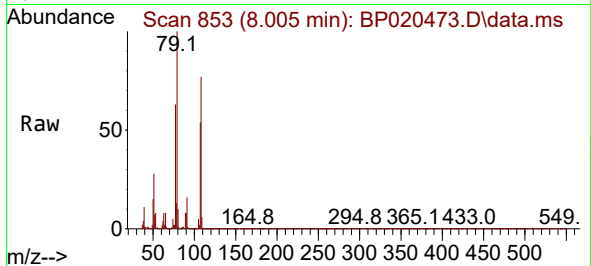




#15  
Benzyl Alcohol  
Concen: 41.132 ng  
RT: 8.005 min Scan# 853  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

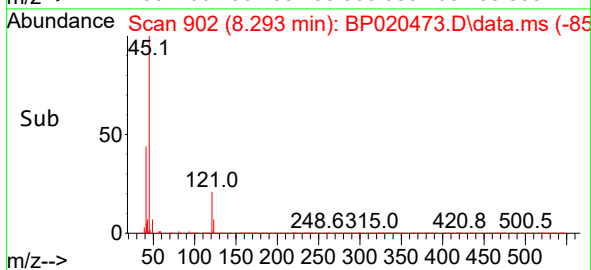
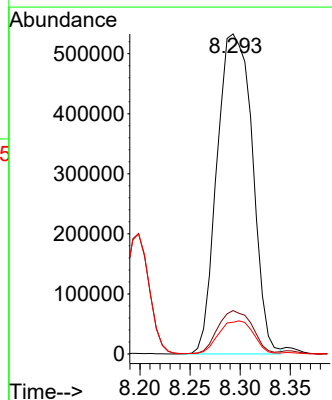
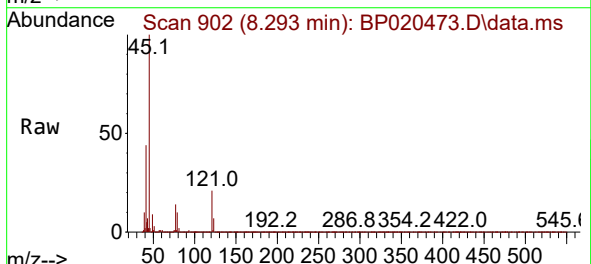
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

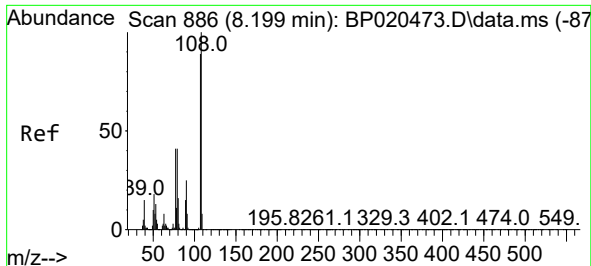
Tgt Ion: 79 Resp: 785212  
Ion Ratio Lower Upper  
79 100  
108 76.8 61.4 92.2  
77 62.7 50.2 75.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.991 ng  
RT: 8.293 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion: 45 Resp: 1306834  
Ion Ratio Lower Upper  
45 100  
77 13.6 0.0 33.6  
79 9.9 0.0 29.9

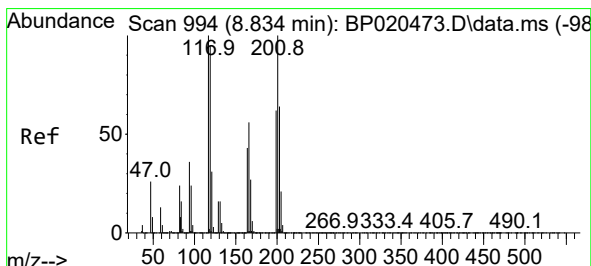
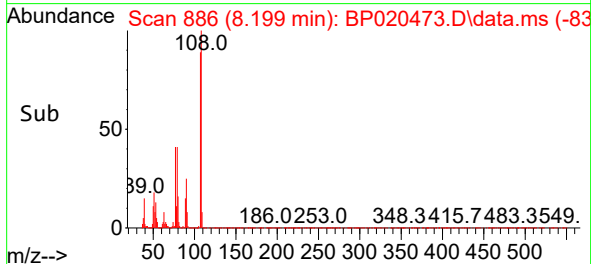
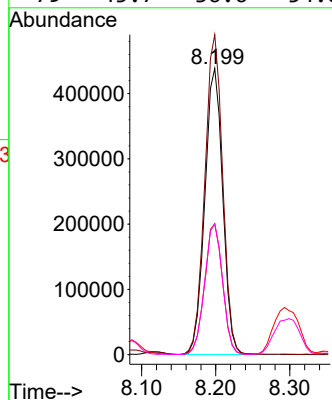
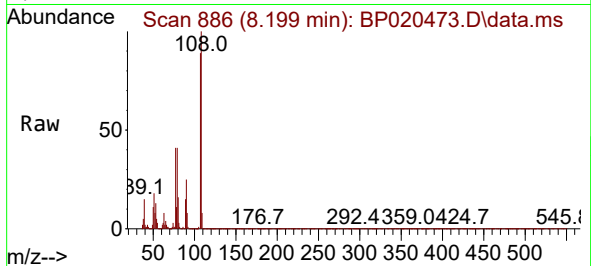




#17  
2-Methylphenol  
Concen: 40.972 ng  
RT: 8.199 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

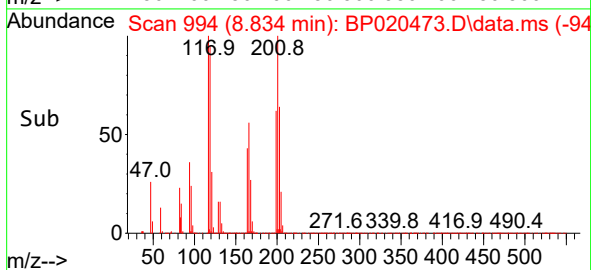
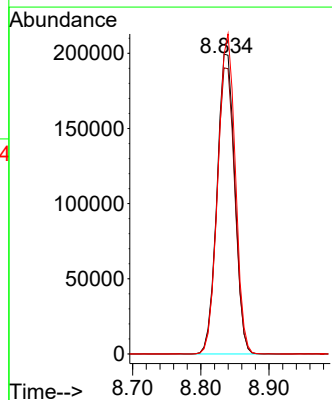
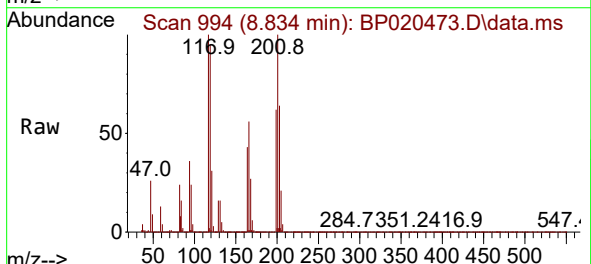
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

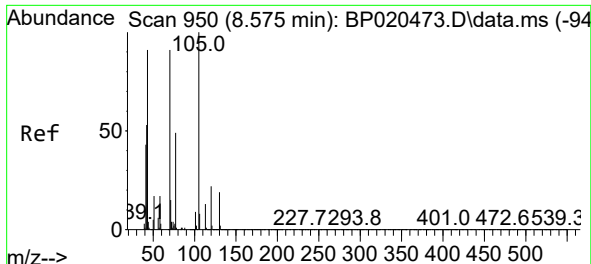
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 736052 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.8 | 89.4  | 134.2  |
| 77       | 45.8  | 36.6  | 55.0   |
| 79       | 45.7  | 36.6  | 54.8   |



#18  
Hexachloroethane  
Concen: 40.357 ng  
RT: 8.834 min Scan# 994  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 362526 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.4  | 76.3  | 114.5  |
| 201      | 99.9  | 79.9  | 119.9  |



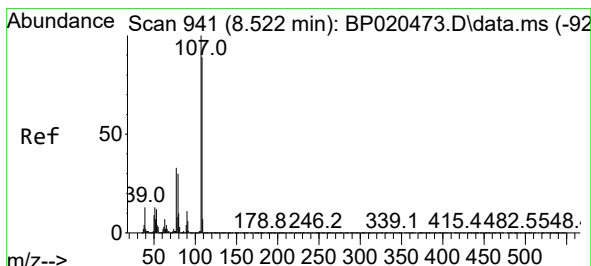
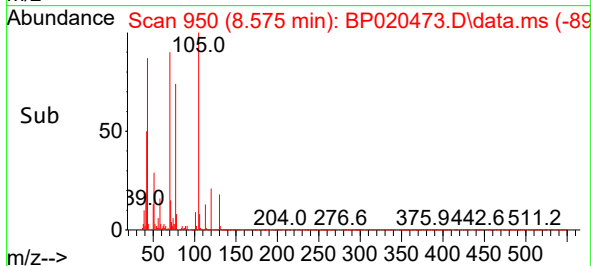
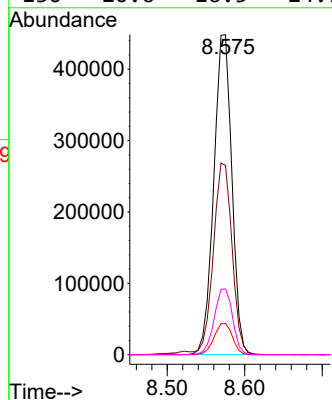
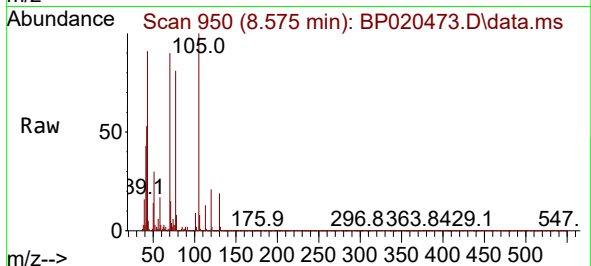


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.199 ng  
RT: 8.575 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 70 Resp: 726883

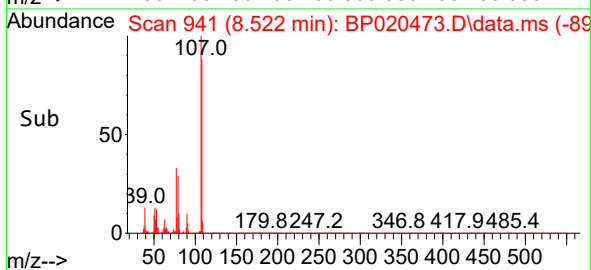
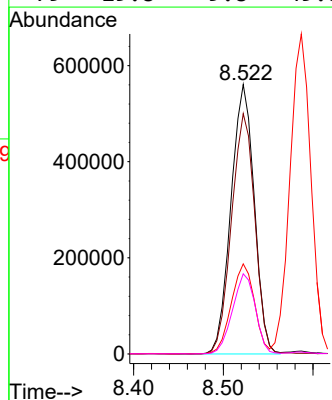
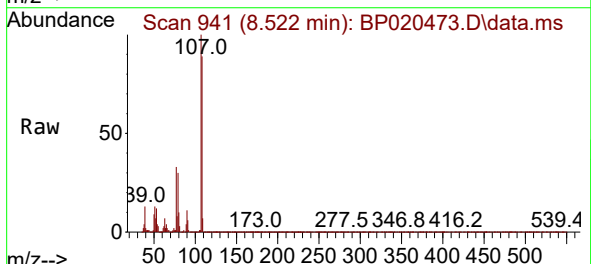
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 59.2  | 47.4  | 71.0  |
| 101 | 9.8   | 7.8   | 11.8  |
| 130 | 20.6  | 16.5  | 24.7  |

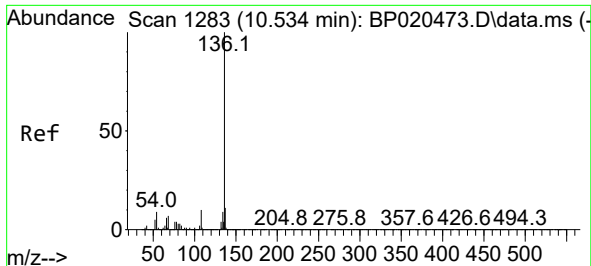


#20  
3+4-Methylphenols  
Concen: 41.233 ng  
RT: 8.522 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion: 107 Resp: 1007500

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.2  | 69.2  | 109.2 |
| 77  | 33.5  | 13.5  | 53.5  |
| 79  | 29.8  | 9.8   | 49.8  |

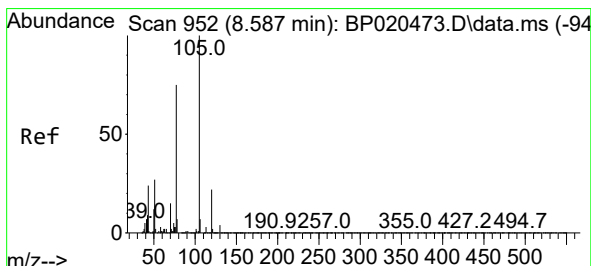
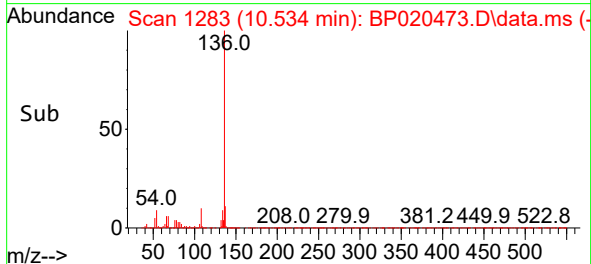
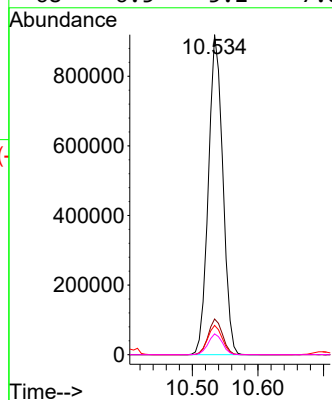
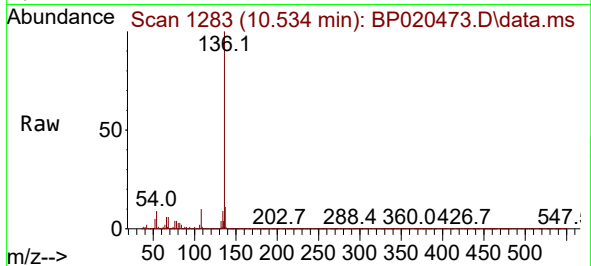




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.534 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

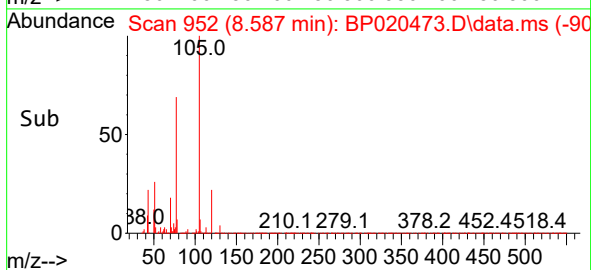
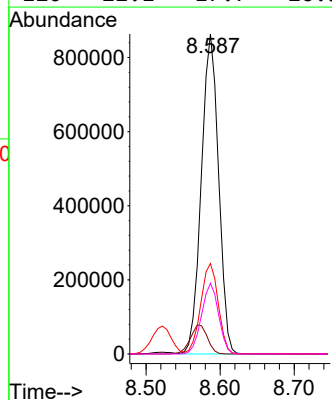
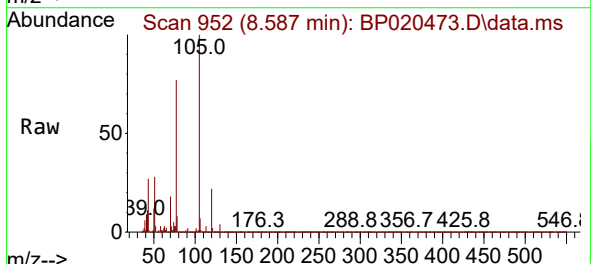
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

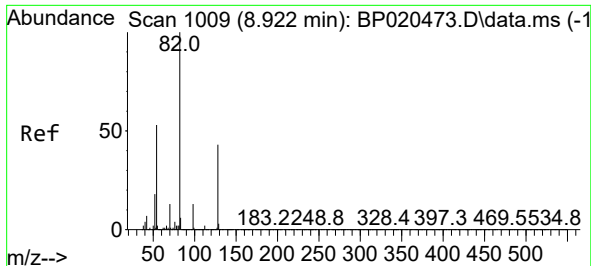
Tgt Ion:136 Resp: 1406904  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.0 13.4  
54 9.2 7.4 11.0  
68 6.5 5.2 7.8



#22  
Acetophenone  
Concen: 39.888 ng  
RT: 8.587 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:105 Resp: 1392983  
Ion Ratio Lower Upper  
105 100  
71 2.9 2.3 3.5  
51 28.2 22.6 33.8  
120 22.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 81.343 ng

RT: 8.922 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

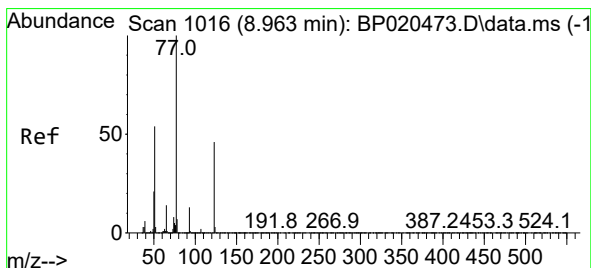
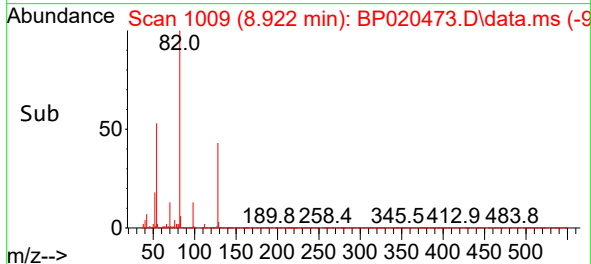
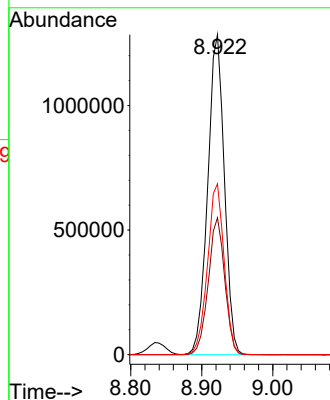
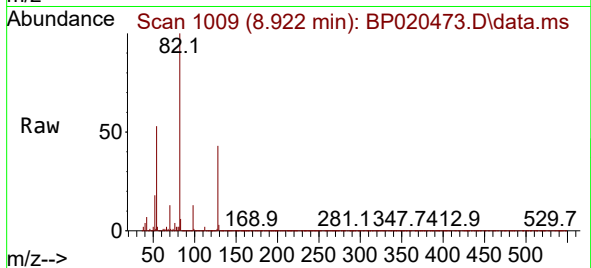
Tgt Ion: 82 Resp: 2090628

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.4

54 53.4 42.7 64.1



#24

Nitrobenzene

Concen: 40.161 ng

RT: 8.963 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

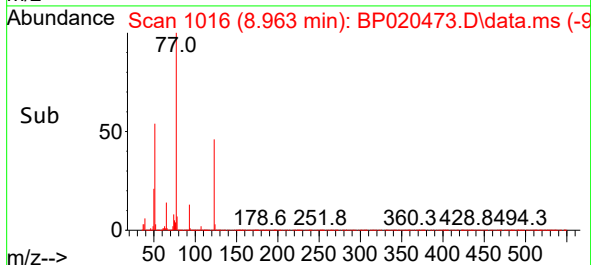
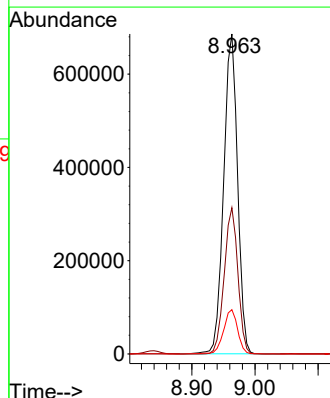
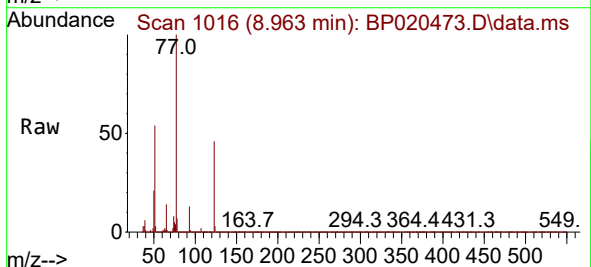
Tgt Ion: 77 Resp: 1047571

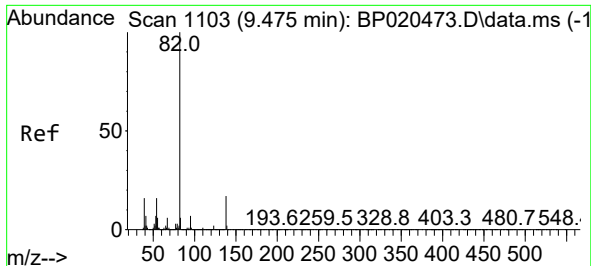
Ion Ratio Lower Upper

77 100

123 45.7 36.6 54.8

65 13.9 11.1 16.7

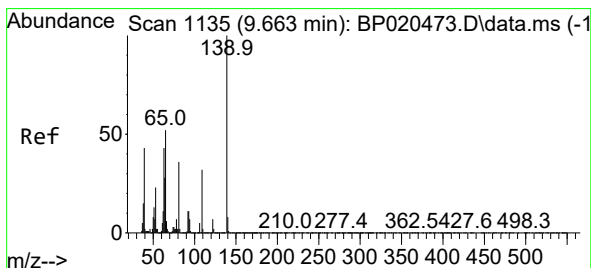
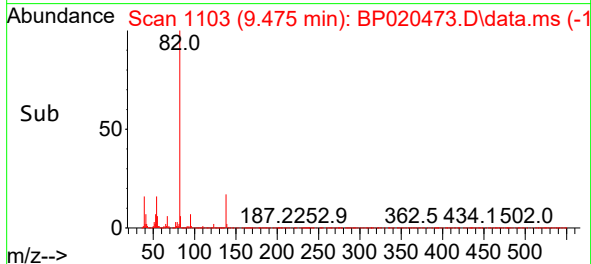
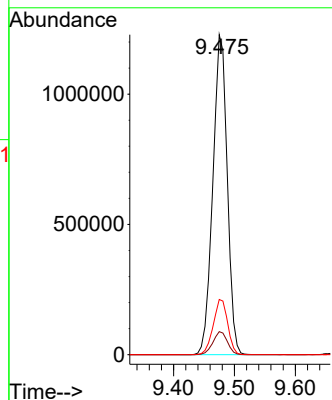
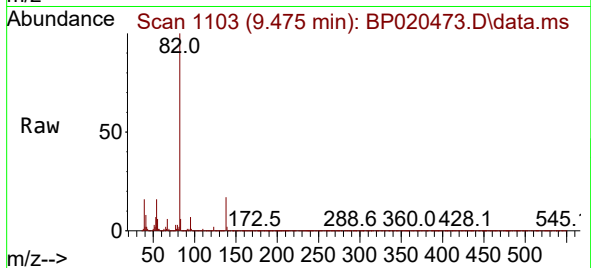




#25  
Isophorone  
Concen: 40.365 ng  
RT: 9.475 min Scan# 1103  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

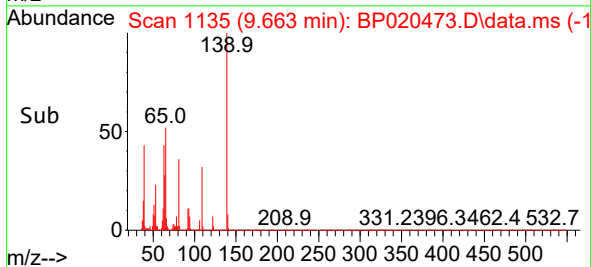
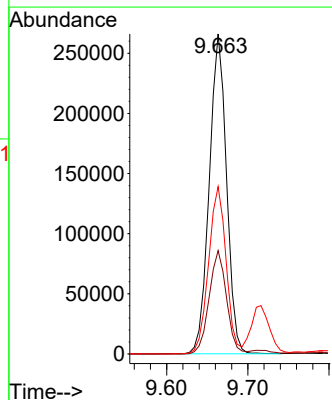
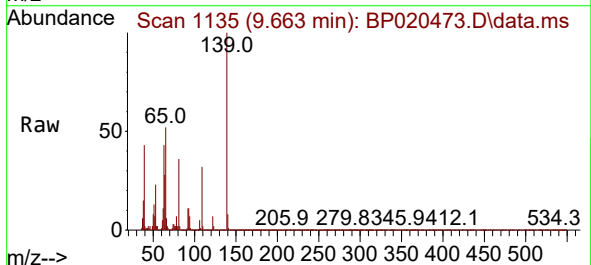
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

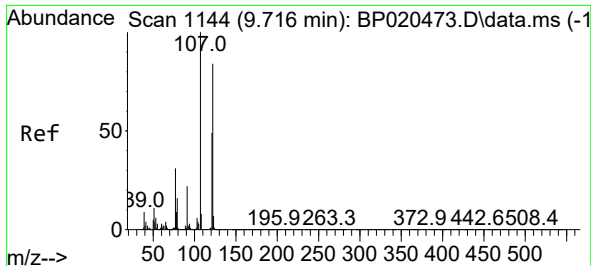
Tgt Ion: 82 Resp: 2015690  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.6  
138 17.2 13.8 20.6



#26  
2-Nitrophenol  
Concen: 43.719 ng  
RT: 9.663 min Scan# 1135  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion: 139 Resp: 392184  
Ion Ratio Lower Upper  
139 100  
109 32.3 25.8 38.8  
65 52.3 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 40.966 ng

RT: 9.716 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

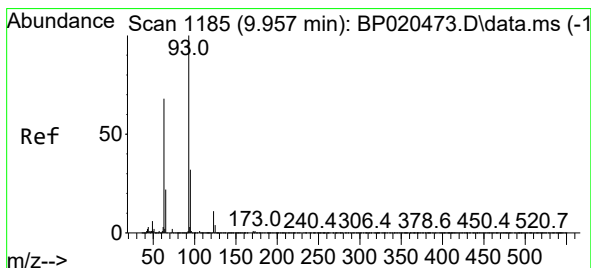
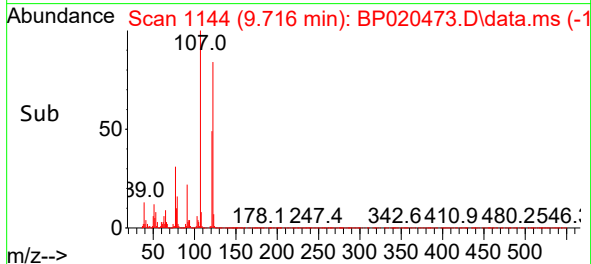
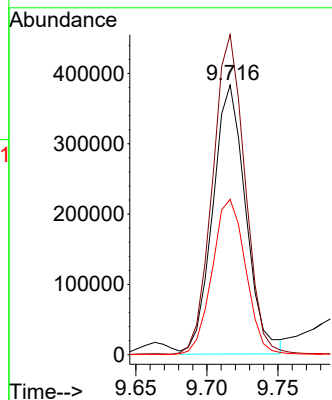
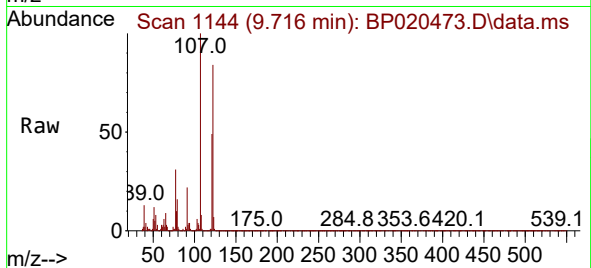
Tgt Ion:122 Resp: 618029

Ion Ratio Lower Upper

122 100

107 118.7 95.0 142.4

121 57.6 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.858 ng

RT: 9.957 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

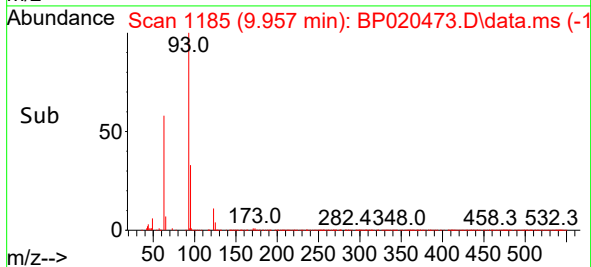
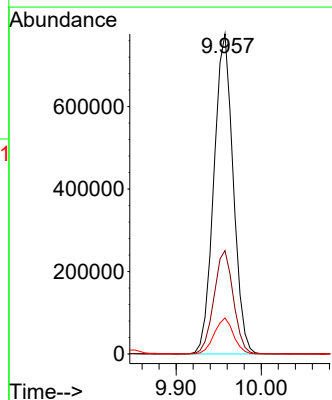
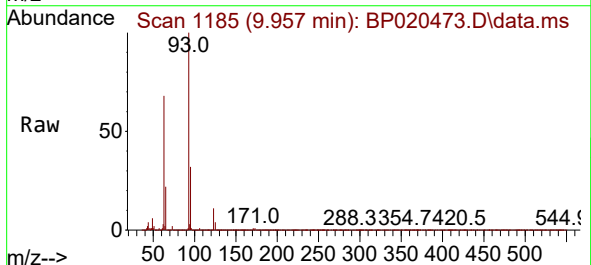
Tgt Ion: 93 Resp: 1223372

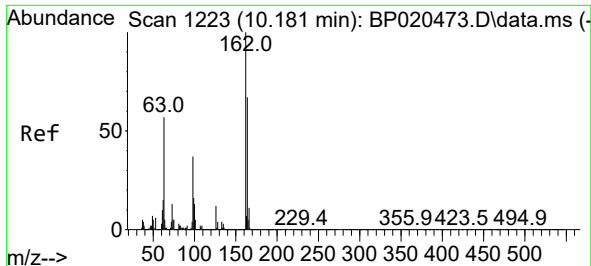
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.2 9.0 13.4

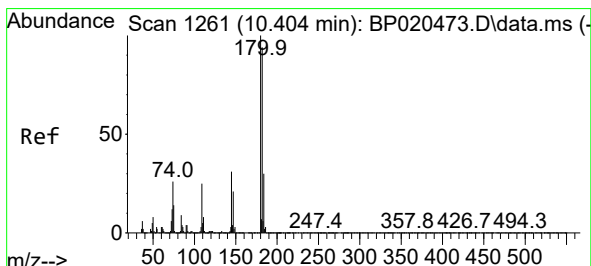
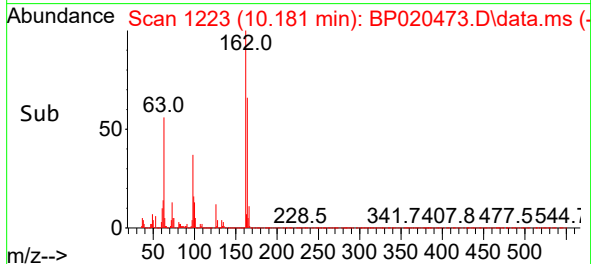
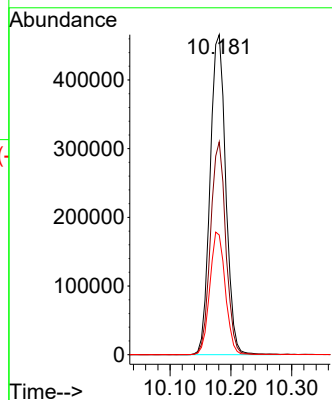
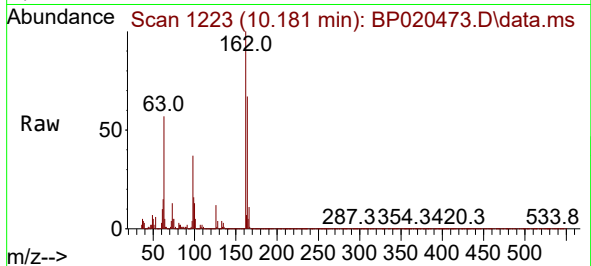




#29  
2,4-Dichlorophenol  
Concen: 41.064 ng  
RT: 10.181 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

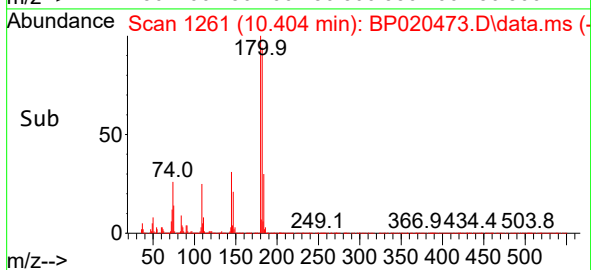
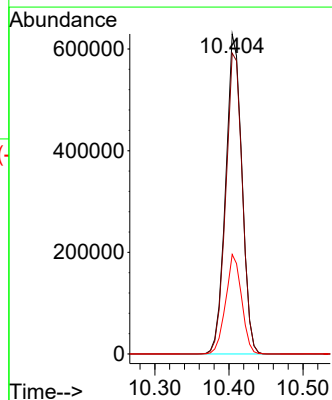
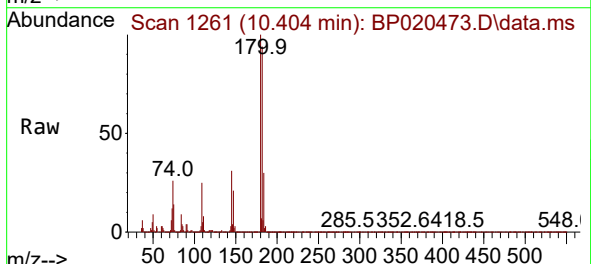
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

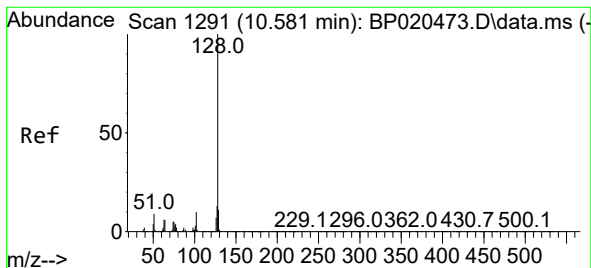
Tgt Ion:162 Resp: 831117  
Ion Ratio Lower Upper  
162 100  
164 66.5 46.5 86.5  
98 37.4 17.4 57.4



#30  
1,2,4-Trichlorobenzene  
Concen: 39.814 ng  
RT: 10.404 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:180 Resp: 956635  
Ion Ratio Lower Upper  
180 100  
182 94.0 75.2 112.8  
145 31.1 24.9 37.3





#31

Naphthalene

Concen: 39.646 ng

RT: 10.581 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

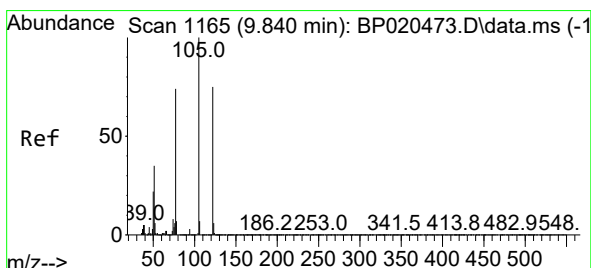
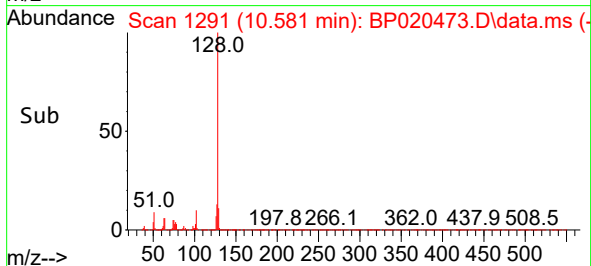
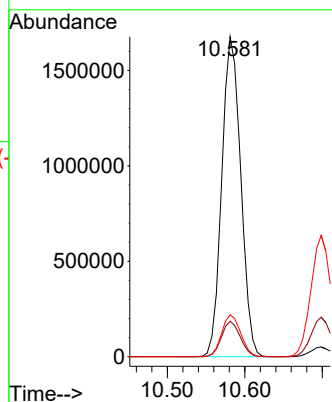
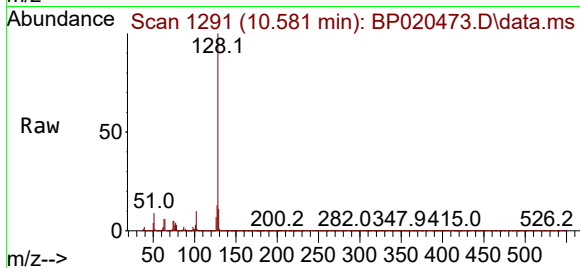
Tgt Ion:128 Resp: 2851472

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 40.514 ng

RT: 9.840 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

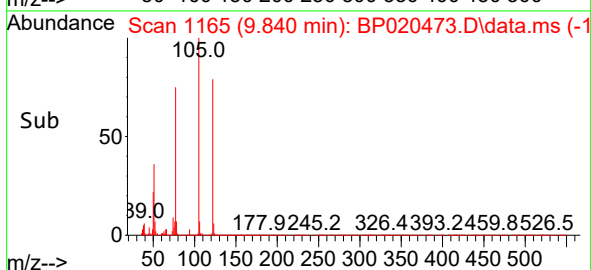
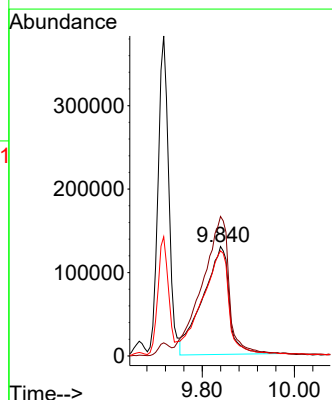
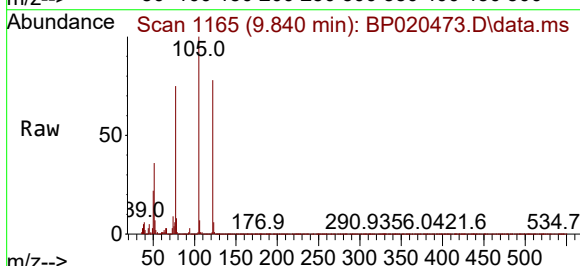
Tgt Ion:122 Resp: 514965

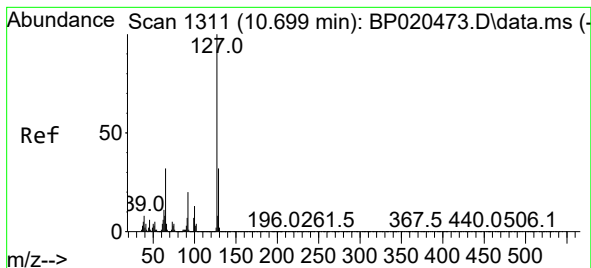
Ion Ratio Lower Upper

122 100

105 127.5 107.5 147.5

77 96.1 76.1 116.1



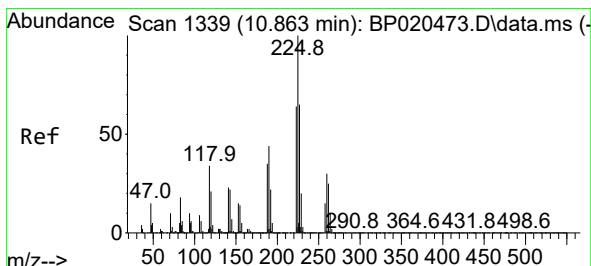
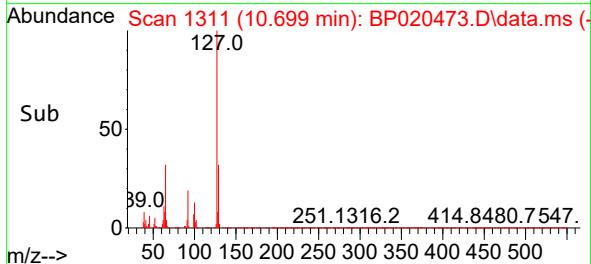
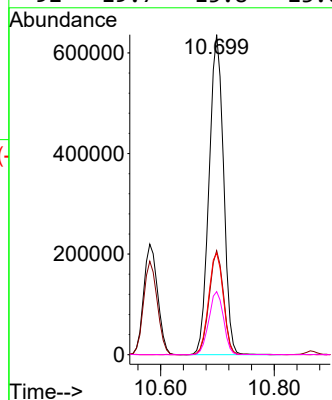
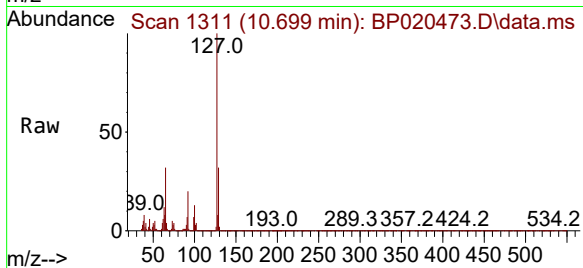


#33  
4-Chloroaniline  
Concen: 40.215 ng  
RT: 10.699 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

Tgt Ion:127 Resp: 1118897

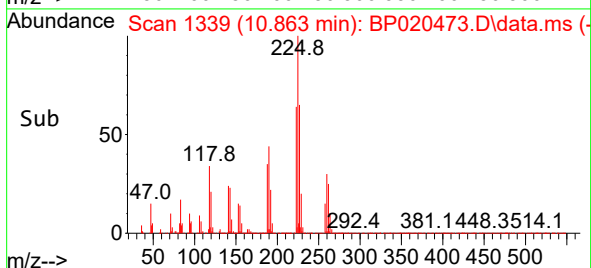
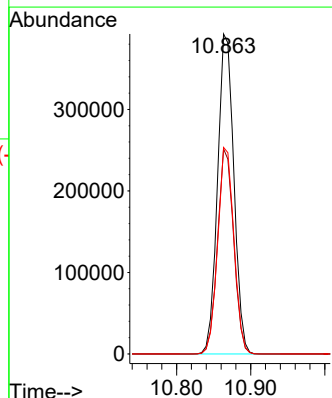
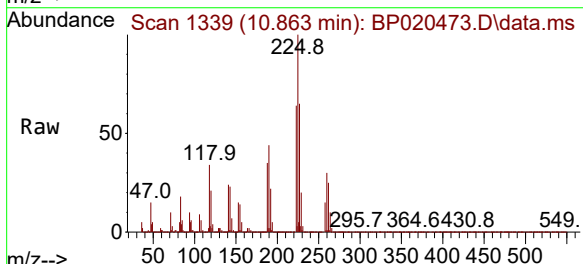
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.5  | 26.0  | 39.0  |
| 65  | 31.8  | 25.4  | 38.2  |
| 92  | 19.7  | 15.8  | 23.6  |

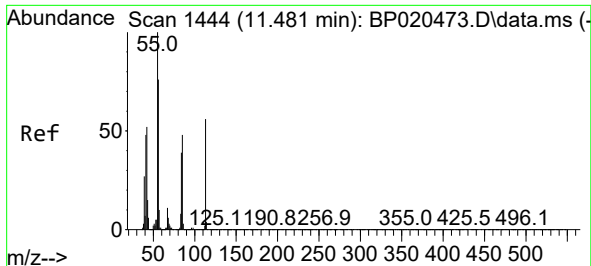


#34  
Hexachlorobutadiene  
Concen: 39.542 ng  
RT: 10.863 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:225 Resp: 598490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 64.1  | 51.3  | 76.9  |
| 227 | 64.5  | 51.6  | 77.4  |

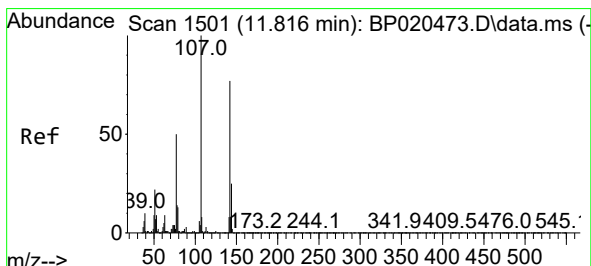
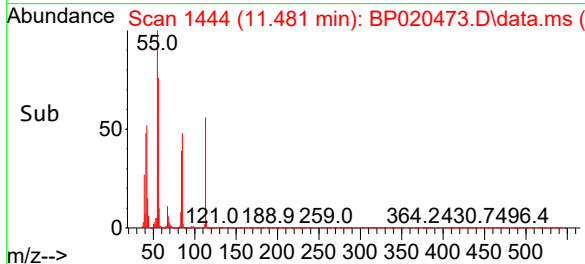
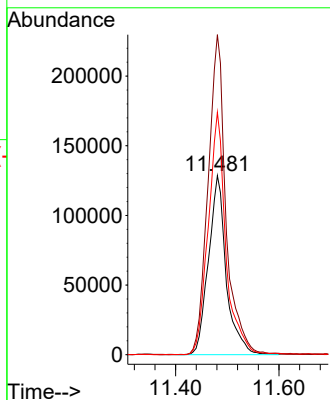
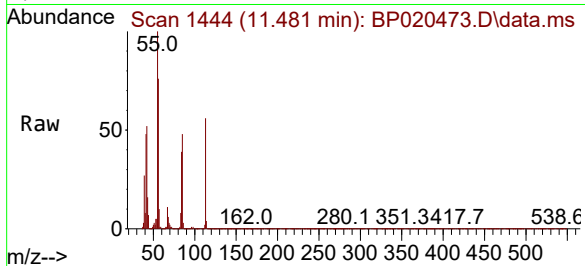




#35  
Caprolactam  
Concen: 41.349 ng  
RT: 11.481 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

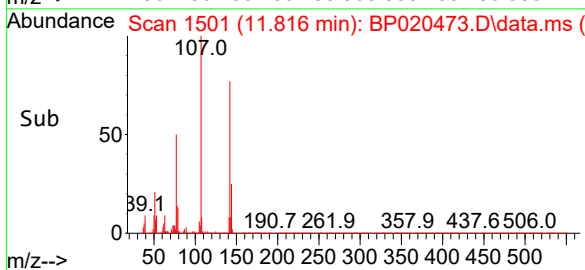
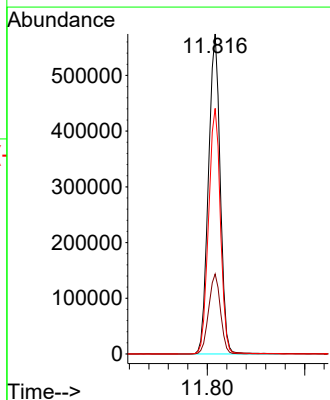
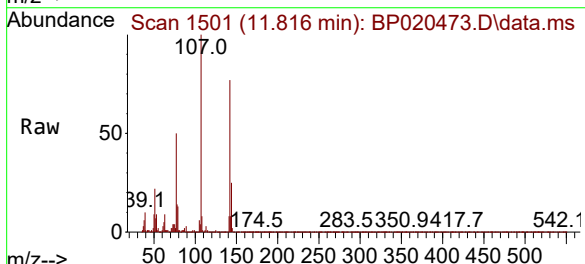
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

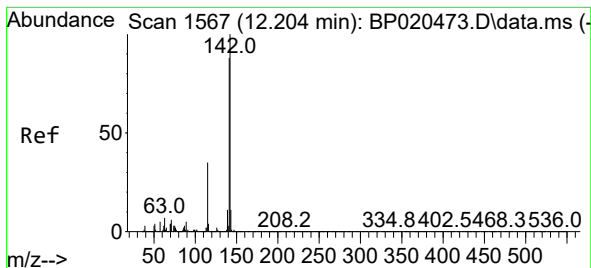
Tgt Ion:113 Resp: 306663  
Ion Ratio Lower Upper  
113 100  
55 178.7 158.7 198.7  
56 135.4 115.4 155.4



#36  
4-Chloro-3-methylphenol  
Concen: 40.451 ng  
RT: 11.816 min Scan# 1501  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:107 Resp: 958570  
Ion Ratio Lower Upper  
107 100  
144 25.0 20.0 30.0  
142 76.8 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.484 ng

RT: 12.204 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

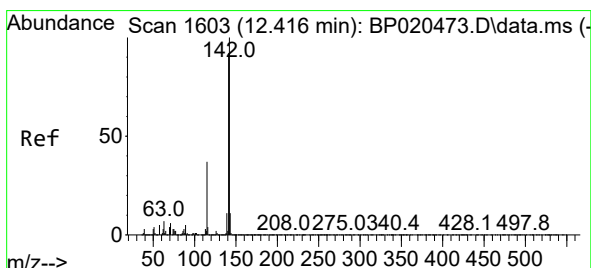
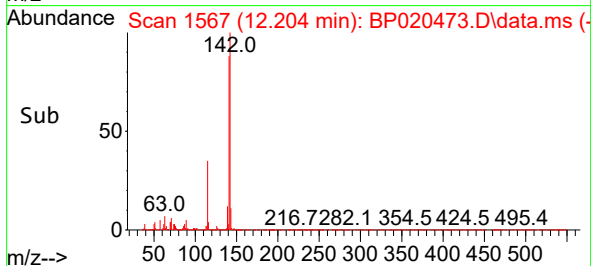
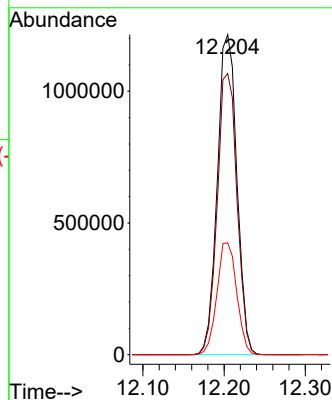
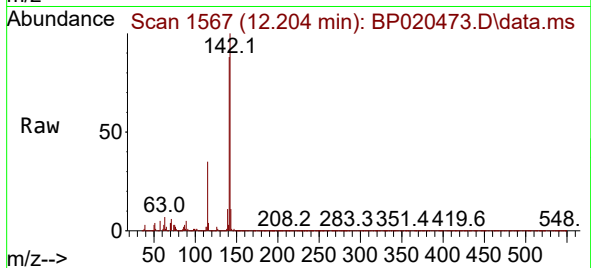
Tgt Ion:142 Resp: 2034891

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

115 35.0 28.0 42.0



#38

1-Methylnaphthalene

Concen: 38.963 ng

RT: 12.416 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

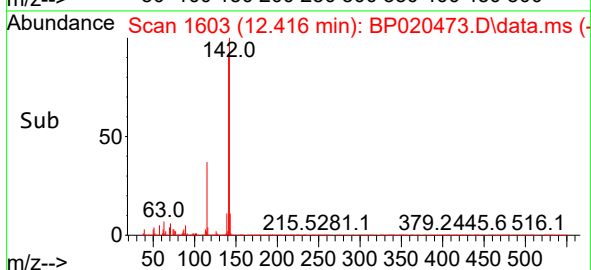
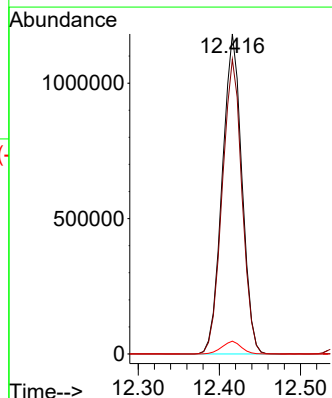
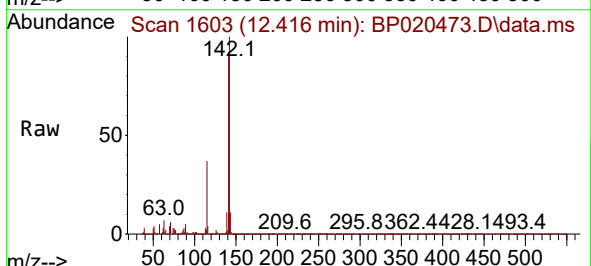
Tgt Ion:142 Resp: 1990568

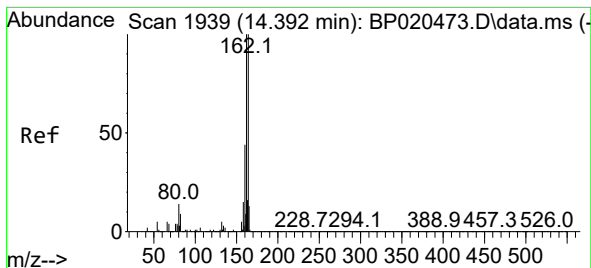
Ion Ratio Lower Upper

142 100

141 92.1 73.7 110.5

116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

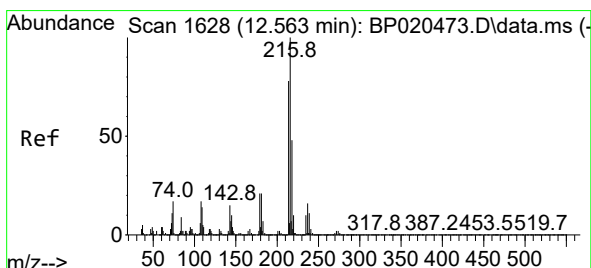
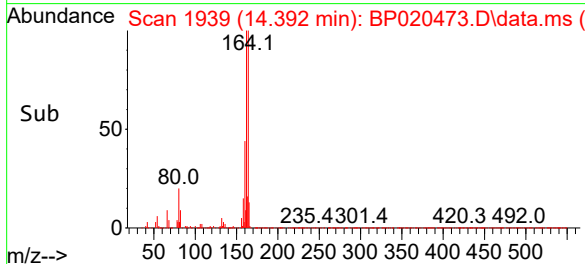
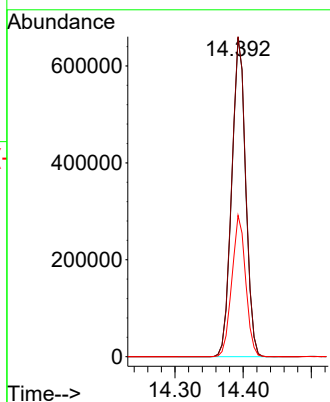
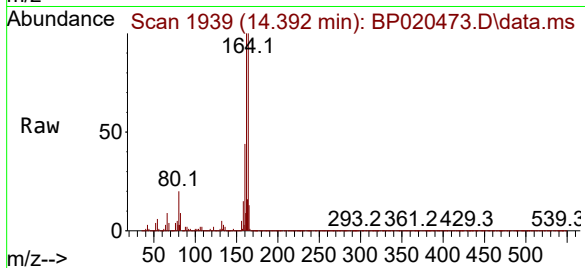
Tgt Ion:164 Resp: 932714

Ion Ratio Lower Upper

164 100

162 100.4 80.3 120.5

160 44.3 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.757 ng

RT: 12.563 min Scan# 1628

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Tgt Ion:216 Resp: 1072909

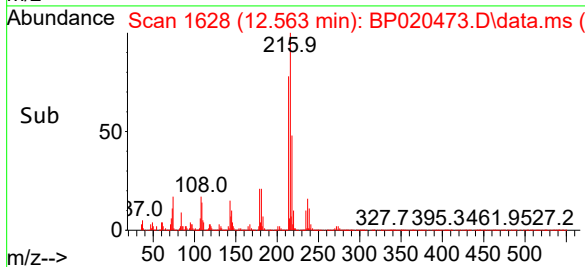
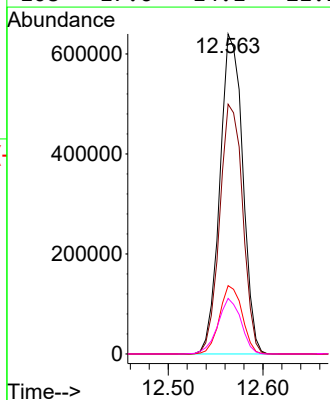
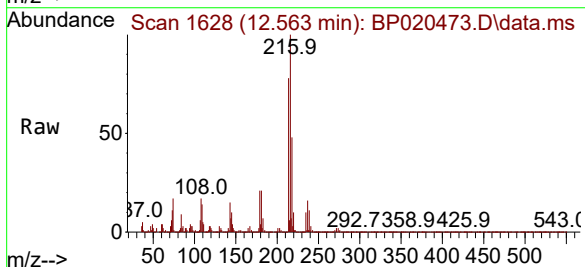
Ion Ratio Lower Upper

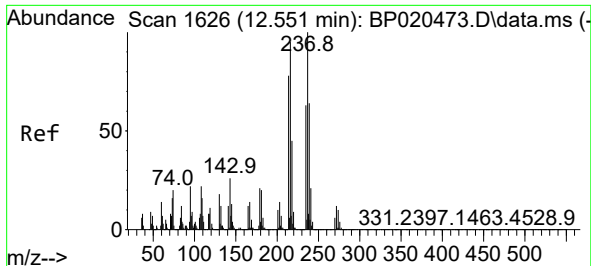
216 100

214 78.7 63.0 94.4

179 21.1 16.9 25.3

108 17.6 14.1 21.1

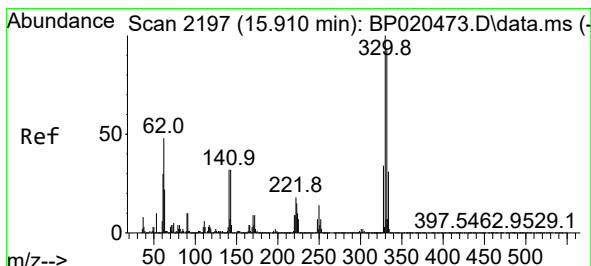
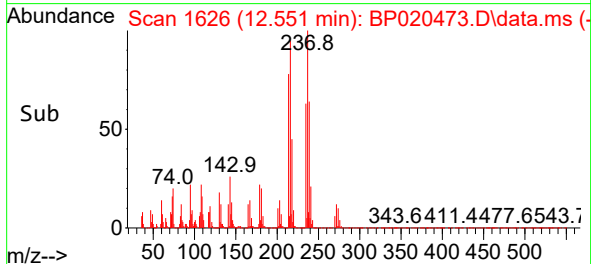
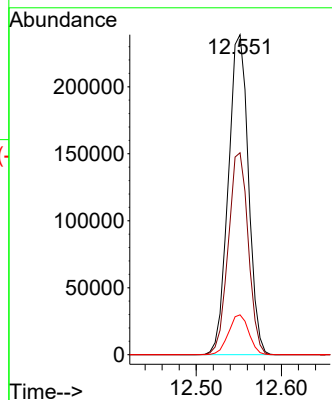
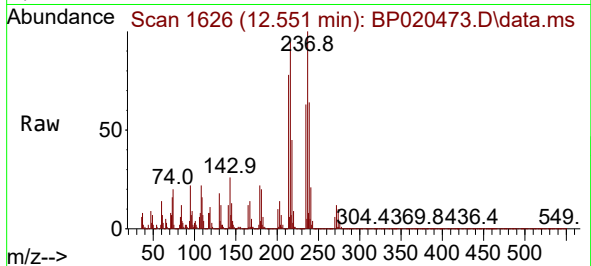




#41  
Hexachlorocyclopentadiene  
Concen: 41.232 ng  
RT: 12.551 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

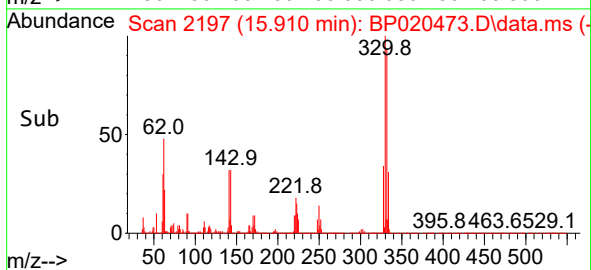
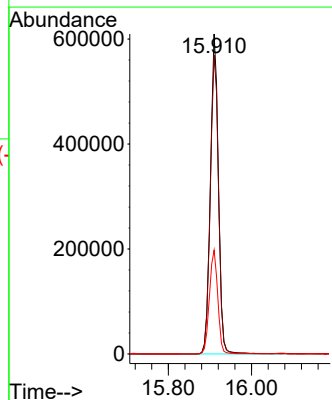
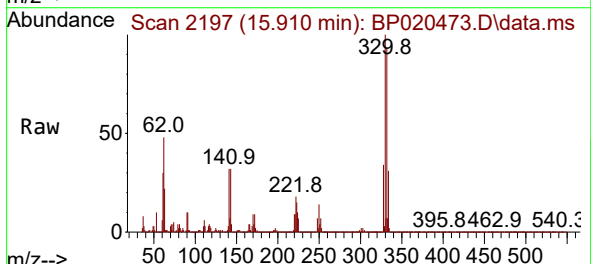
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

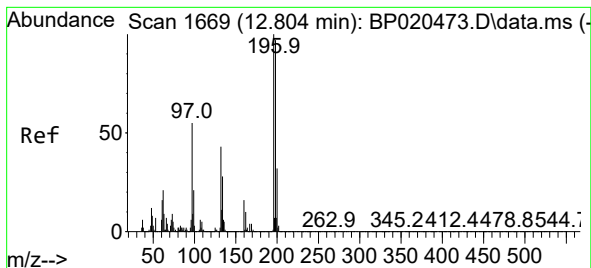
Tgt Ion:237 Resp: 391056  
Ion Ratio Lower Upper  
237 100  
235 63.1 43.1 83.1  
272 12.4 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 84.750 ng  
RT: 15.910 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:330 Resp: 820357  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.6 114.8  
141 33.9 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 41.645 ng

RT: 12.804 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

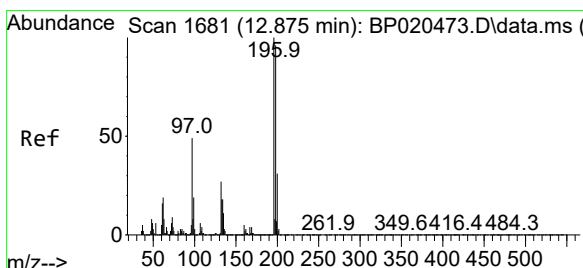
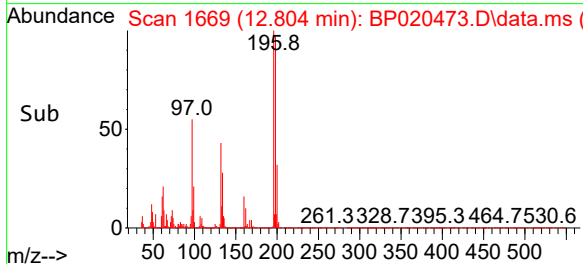
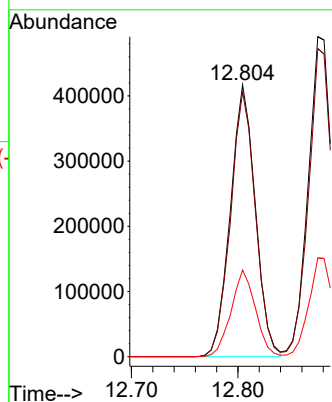
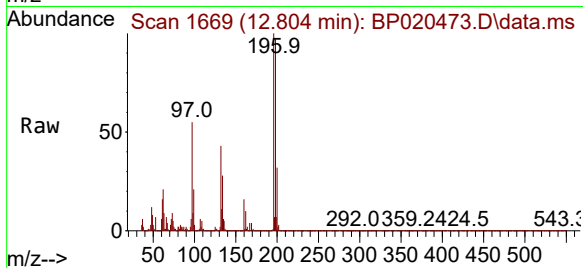
Tgt Ion:196 Resp: 679340

Ion Ratio Lower Upper

196 100

198 97.4 77.9 116.9

200 31.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 41.658 ng

RT: 12.875 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Tgt Ion:196 Resp: 783977

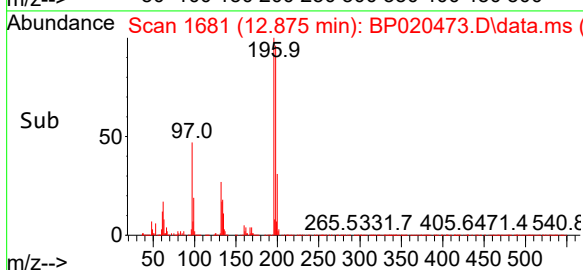
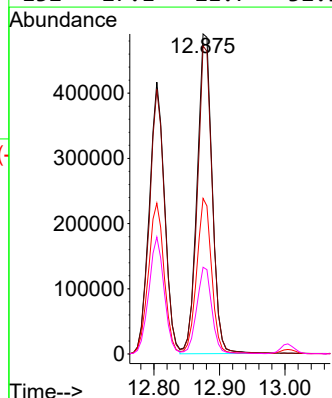
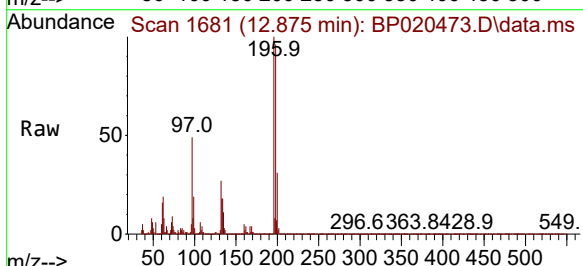
Ion Ratio Lower Upper

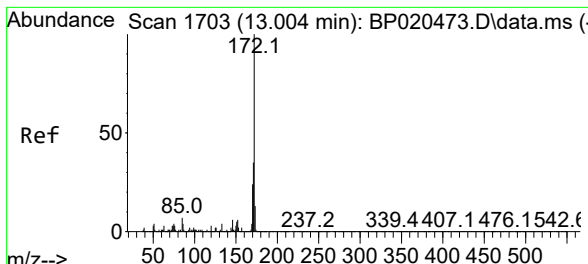
196 100

198 96.2 77.0 115.4

97 48.6 38.9 58.3

132 27.1 21.7 32.5



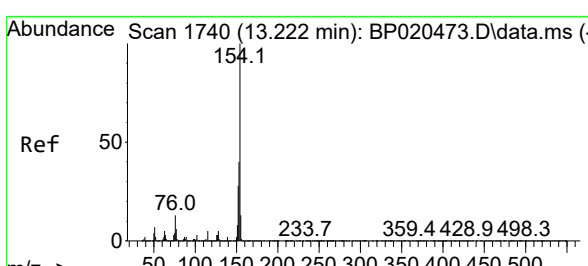
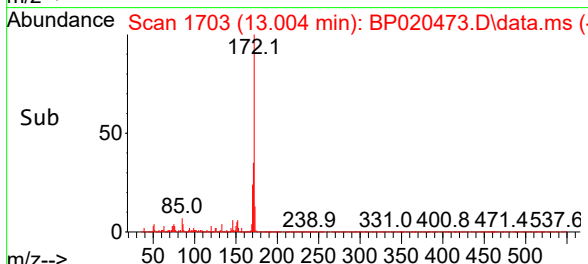
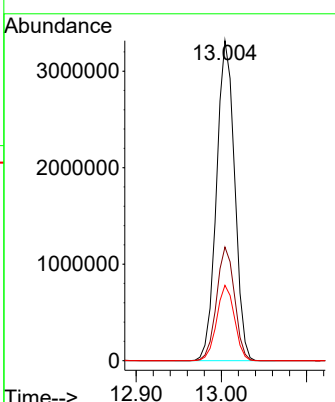
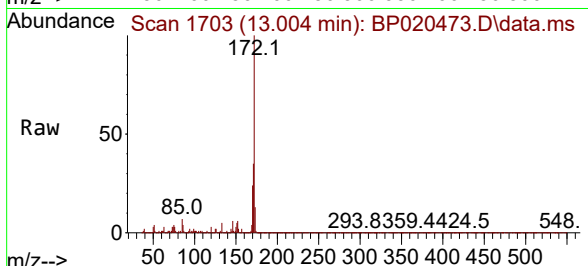


#45  
 2-Fluorobiphenyl  
 Concen: 78.205 ng  
 RT: 13.004 min Scan# 1703  
 Delta R.T. 0.000 min  
 Lab File: BP020473.D  
 Acq: 29 May 2024 12:52

Instrument : BNA\_P  
 ClientSampleId : SSTDICCC040

Tgt Ion:172 Resp: 4893088

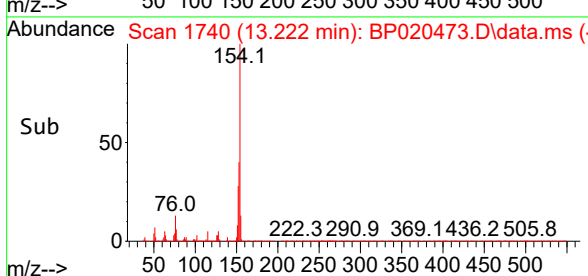
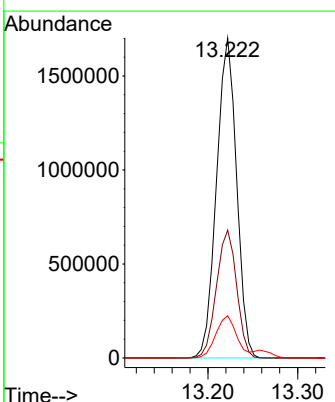
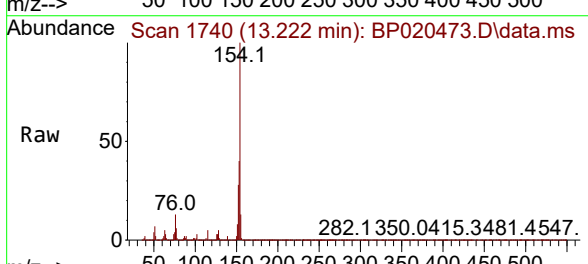
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.5  | 28.4  | 42.6  |
| 170 | 23.6  | 18.9  | 28.3  |

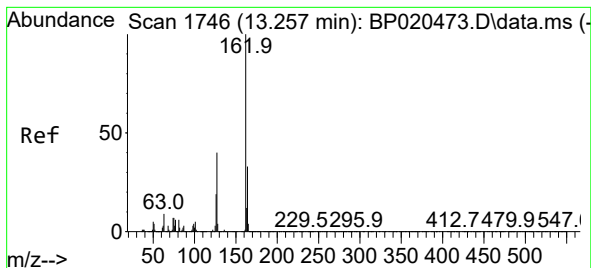


#46  
 1,1'-Biphenyl  
 Concen: 40.077 ng  
 RT: 13.222 min Scan# 1740  
 Delta R.T. 0.000 min  
 Lab File: BP020473.D  
 Acq: 29 May 2024 12:52

Tgt Ion:154 Resp: 2638030

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.9  | 19.9  | 59.9  |
| 76  | 13.2  | 0.0   | 33.2  |





#47

2-Chloronaphthalene

Concen: 39.980 ng

RT: 13.257 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

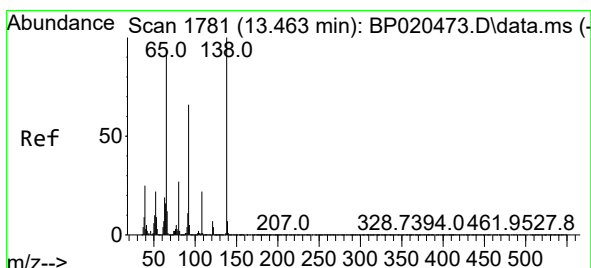
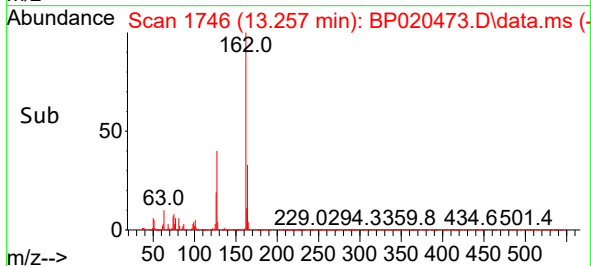
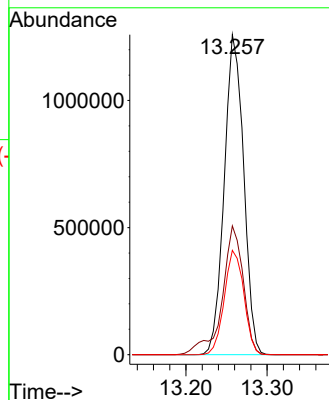
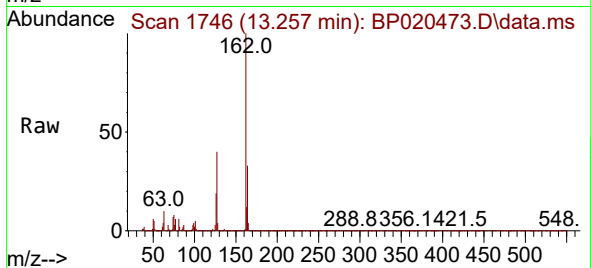
Tgt Ion:162 Resp: 2092130

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.2

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 42.368 ng

RT: 13.463 min Scan# 1781

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

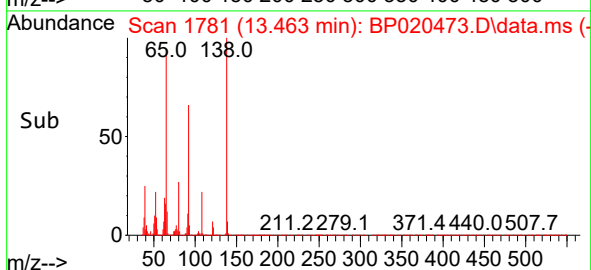
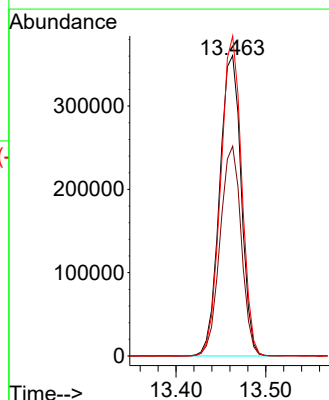
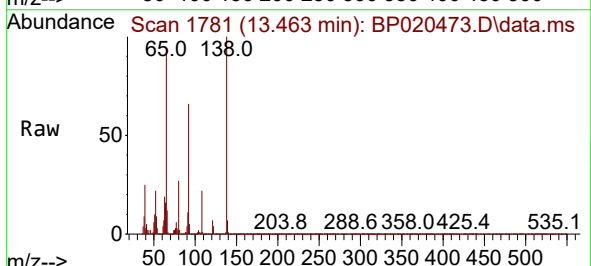
Tgt Ion: 65 Resp: 600764

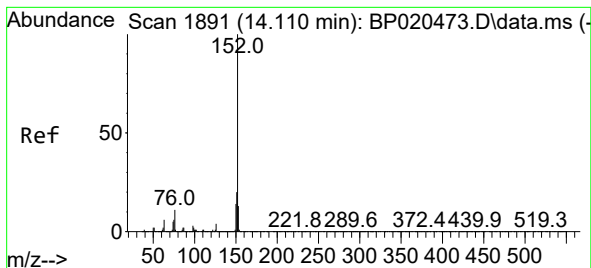
Ion Ratio Lower Upper

65 100

92 69.8 55.8 83.8

138 106.5 85.2 127.8





#49

Acenaphthylene

Concen: 39.557 ng

RT: 14.110 min Scan# 1891

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

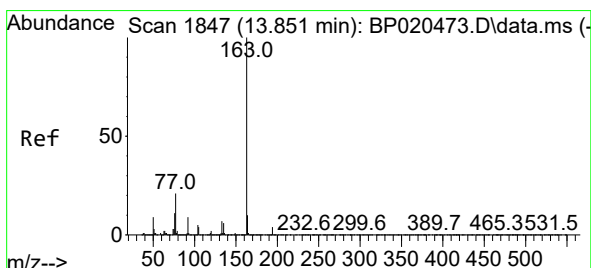
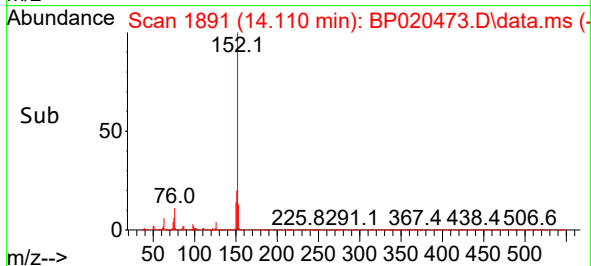
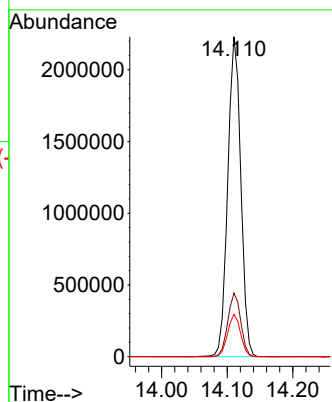
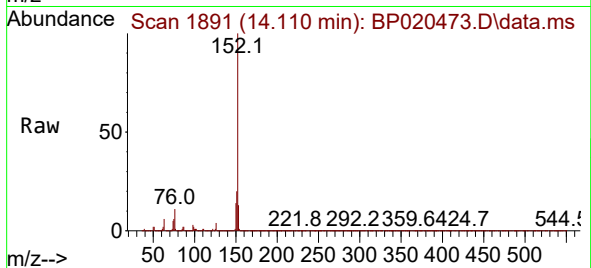
Tgt Ion:152 Resp: 3071469

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 39.520 ng

RT: 13.851 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

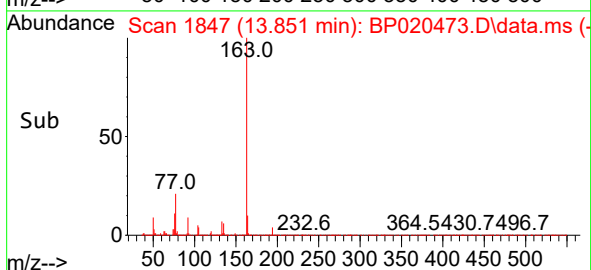
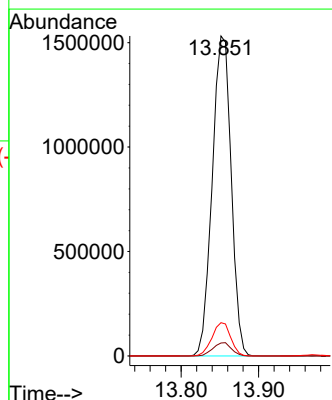
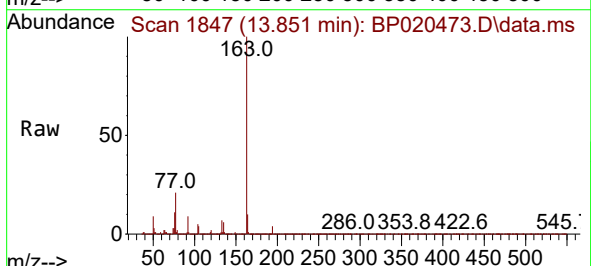
Tgt Ion:163 Resp: 2598316

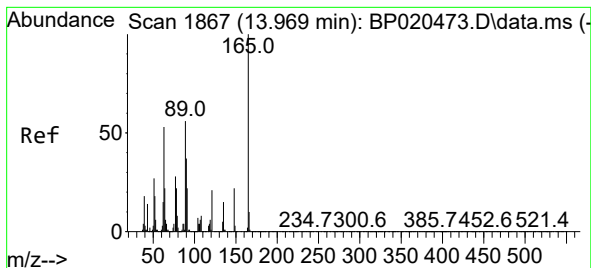
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.3 12.5

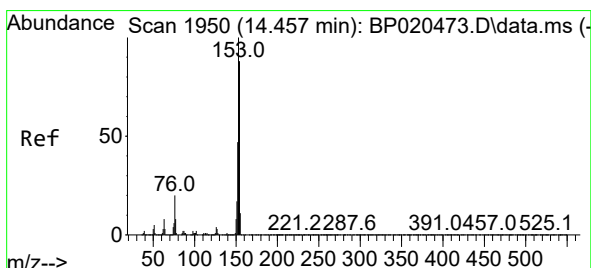
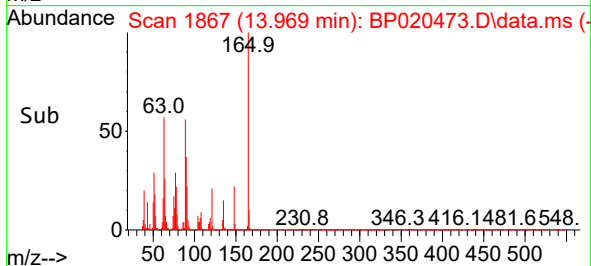
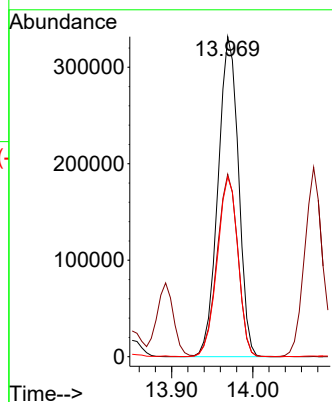
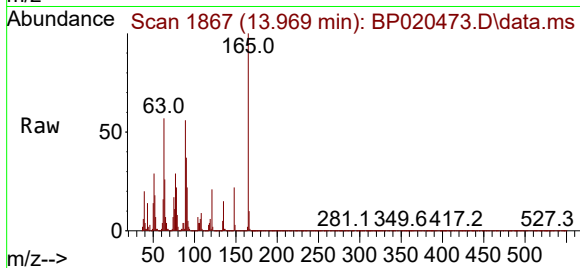




#51  
2,6-Dinitrotoluene  
Concen: 41.377 ng  
RT: 13.969 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

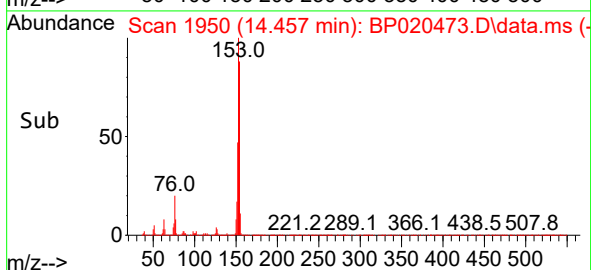
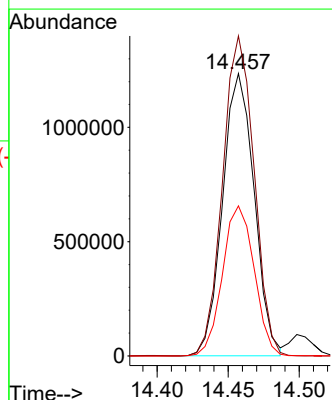
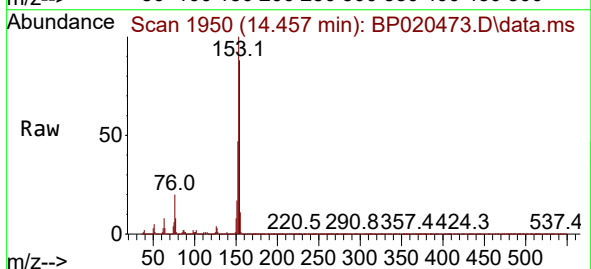
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

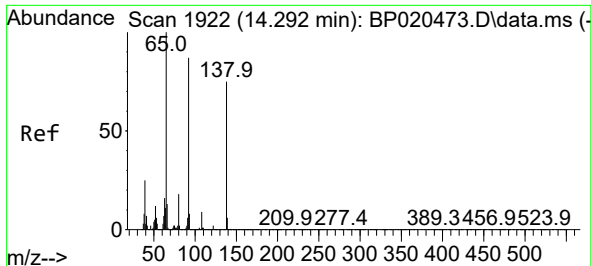
Tgt Ion:165 Resp: 581473  
Ion Ratio Lower Upper  
165 100  
63 57.0 45.6 68.4  
89 56.1 44.9 67.3



#52  
Acenaphthene  
Concen: 39.268 ng  
RT: 14.457 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:154 Resp: 1914306  
Ion Ratio Lower Upper  
154 100  
153 113.3 90.6 136.0  
152 53.2 42.6 63.8

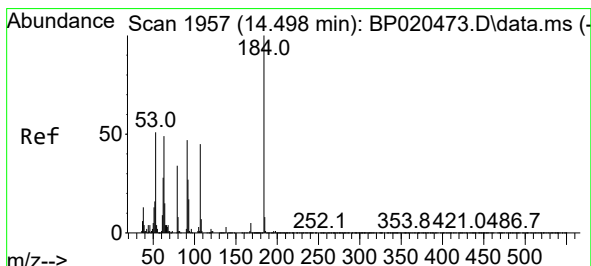
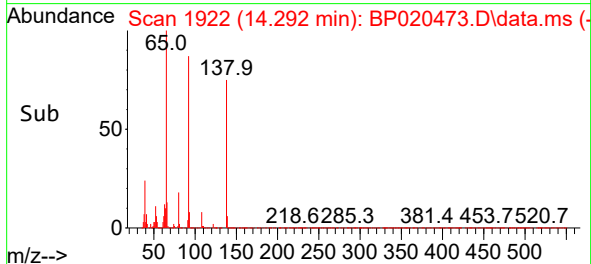
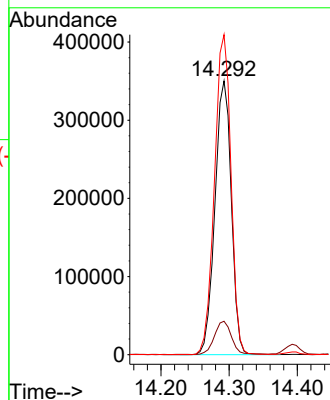
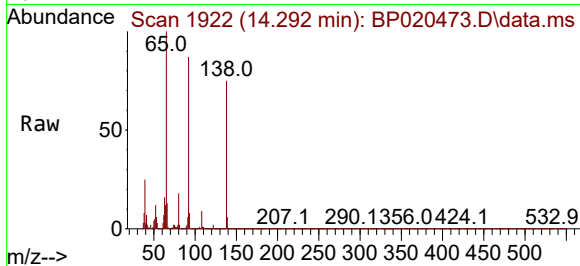




#53  
3-Nitroaniline  
Concen: 41.518 ng  
RT: 14.292 min Scan# 1922  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

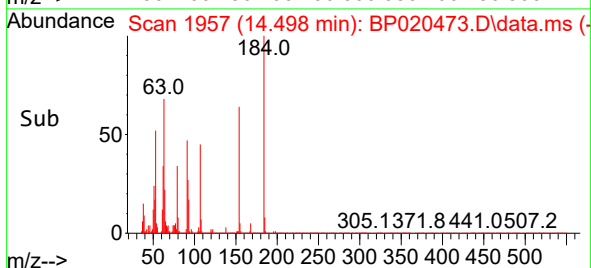
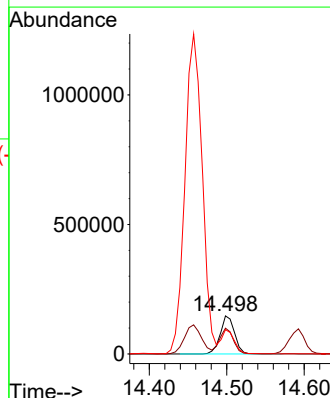
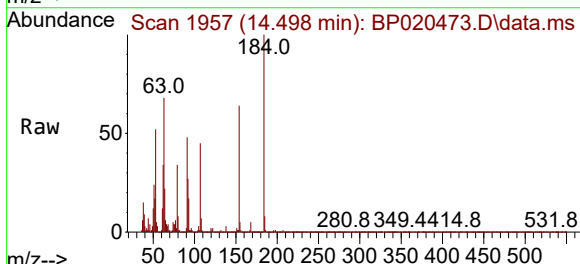
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

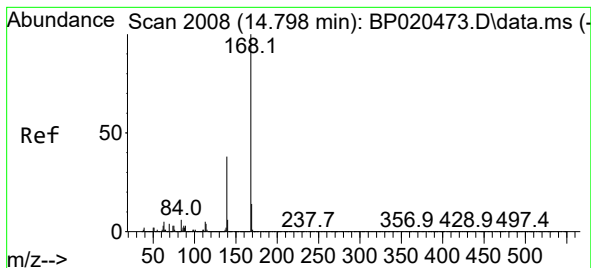
Tgt Ion:138 Resp: 585250  
Ion Ratio Lower Upper  
138 100  
108 12.2 9.8 14.6  
92 116.9 93.5 140.3



#54  
2,4-Dinitrophenol  
Concen: 41.748 ng  
RT: 14.498 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:184 Resp: 188468  
Ion Ratio Lower Upper  
184 100  
63 67.8 54.2 81.4  
154 63.8 51.0 76.6





#55

Dibenzofuran

Concen: 39.497 ng

RT: 14.798 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

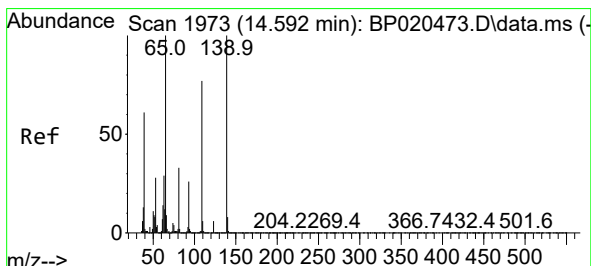
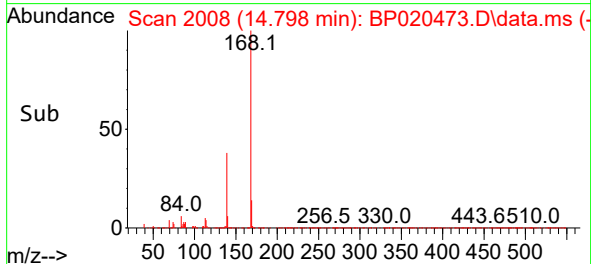
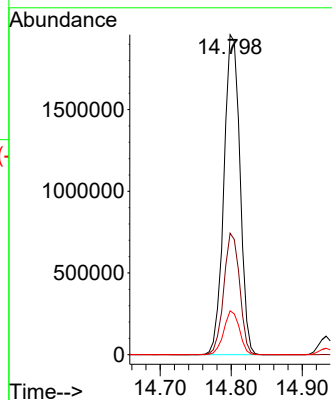
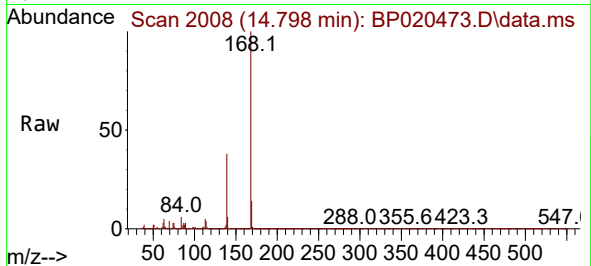
Tgt Ion:168 Resp: 3064521

Ion Ratio Lower Upper

168 100

139 38.0 30.4 45.6

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 41.479 ng

RT: 14.592 min Scan# 1973

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

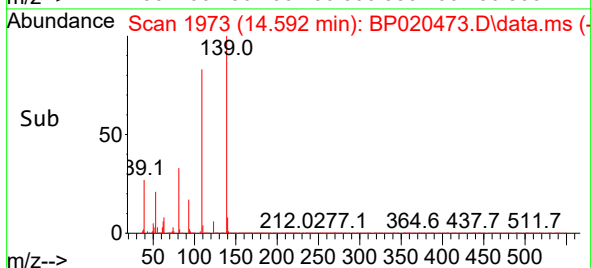
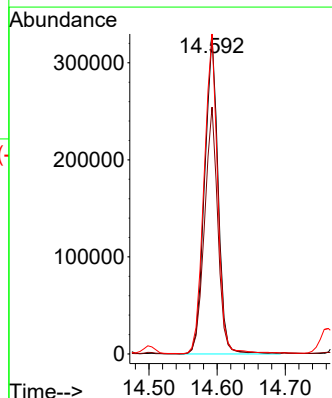
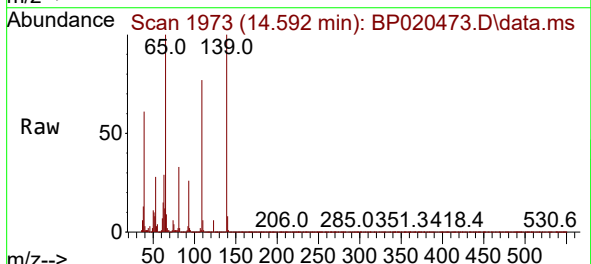
Tgt Ion:139 Resp: 452293

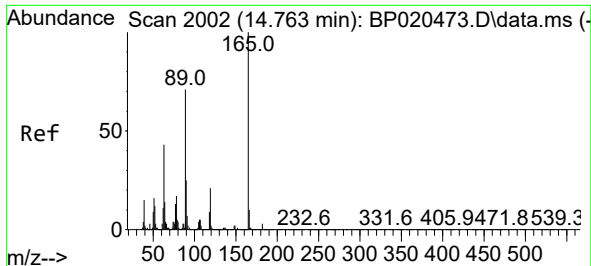
Ion Ratio Lower Upper

139 100

109 77.4 57.4 97.4

65 100.4 80.4 120.4





#57

2,4-Dinitrotoluene

Concen: 42.054 ng

RT: 14.763 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 776663

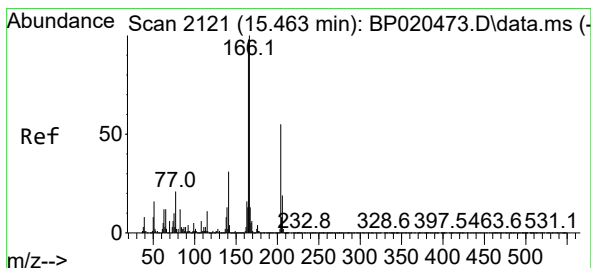
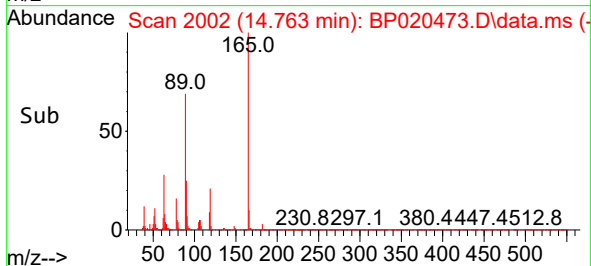
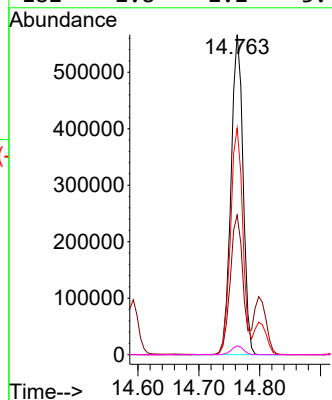
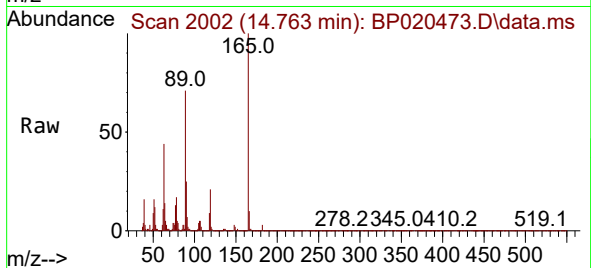
Ion Ratio Lower Upper

165 100

63 43.6 34.9 52.3

89 70.8 56.6 85.0

182 2.8 2.2 3.4



#58

Fluorene

Concen: 38.915 ng

RT: 15.463 min Scan# 2121

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

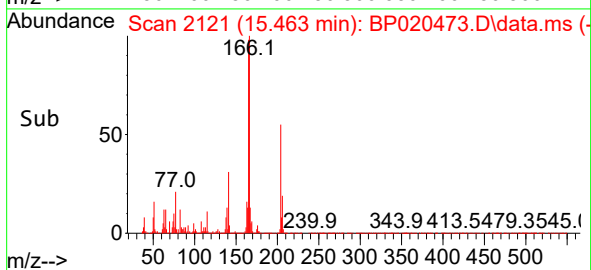
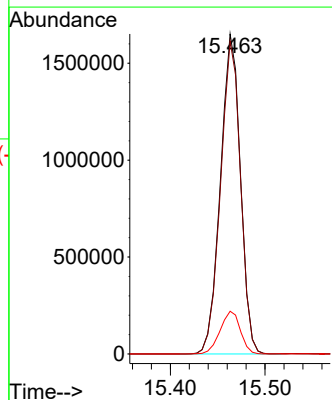
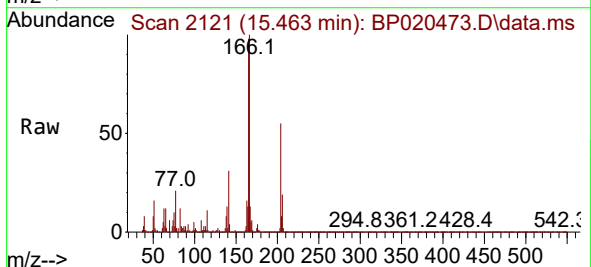
Tgt Ion:166 Resp: 2423912

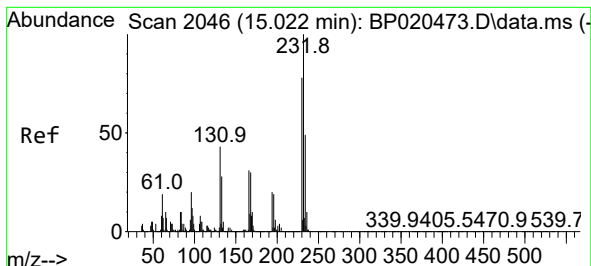
Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

167 13.4 10.7 16.1

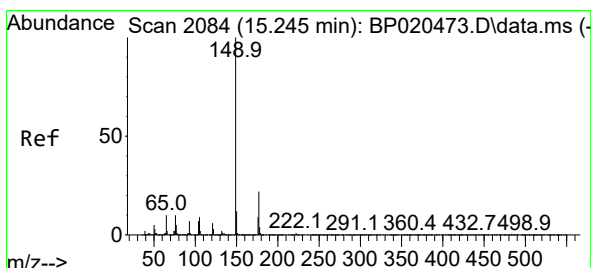
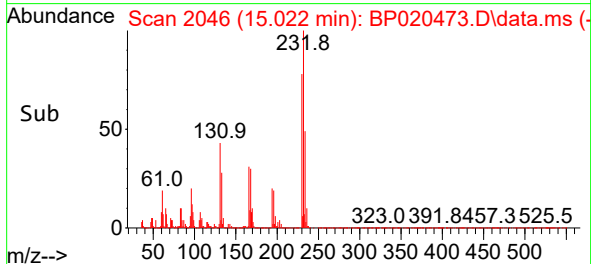
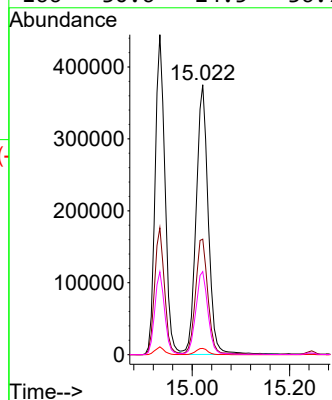
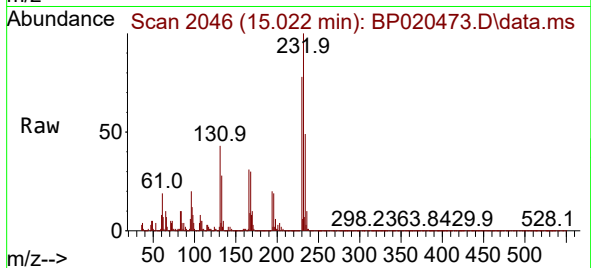




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.096 ng  
RT: 15.022 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

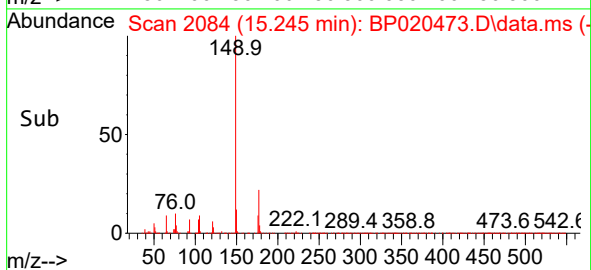
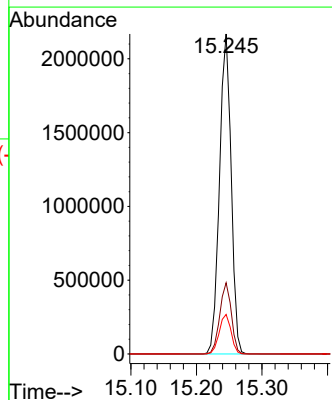
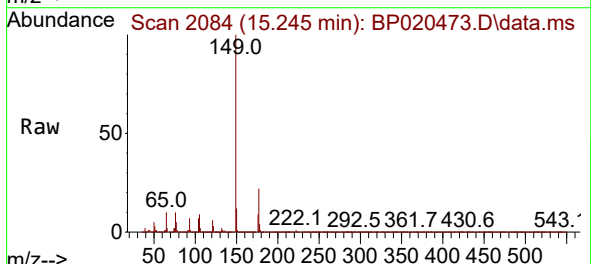
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

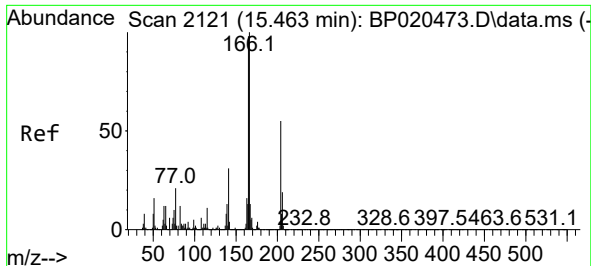
Tgt Ion:232 Resp: 648314  
Ion Ratio Lower Upper  
232 100  
131 43.5 34.8 52.2  
130 2.4 1.9 2.9  
166 30.6 24.5 36.7



#60  
Diethylphthalate  
Concen: 39.751 ng  
RT: 15.245 min Scan# 2084  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:149 Resp: 2656714  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.8 26.8  
150 12.3 9.8 14.8

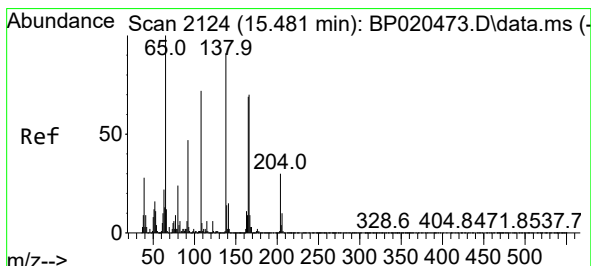
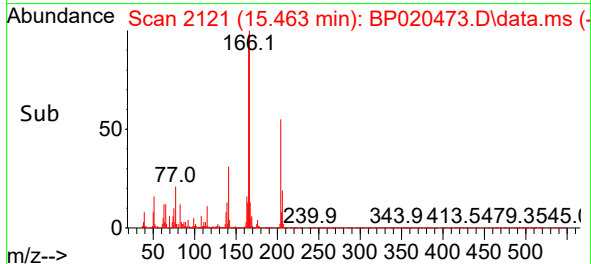
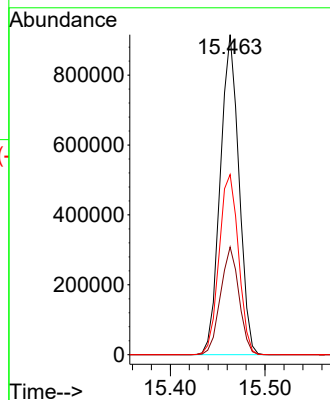
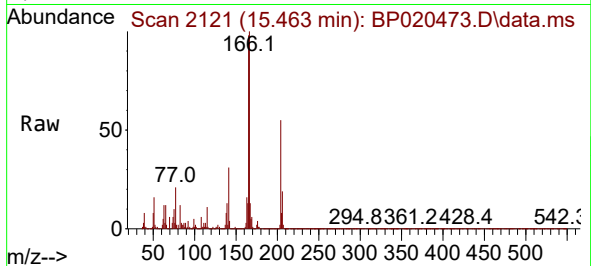




#61  
4-Chlorophenyl-phenylether  
Concen: 39.075 ng  
RT: 15.463 min Scan# 2121  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

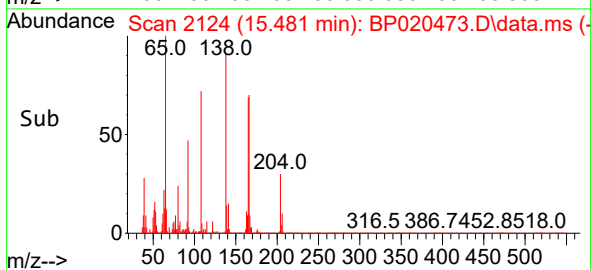
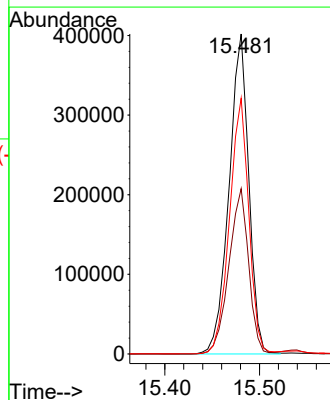
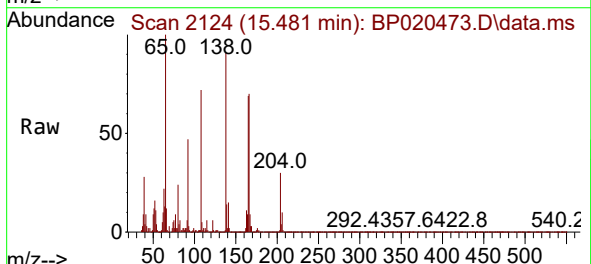
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BNA\_P  
ClientSampleId :  
SSTDICCC040

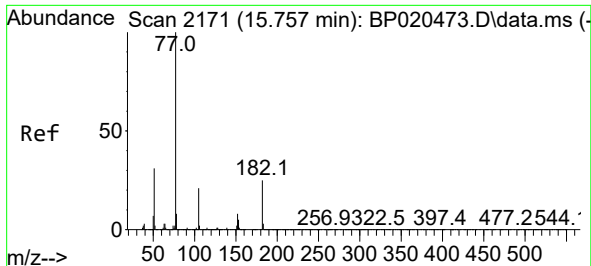
Tgt Ion:204 Resp: 1255959  
Ion Ratio Lower Upper  
204 100  
206 33.7 27.0 40.4  
141 56.3 45.0 67.6



#62  
4-Nitroaniline  
Concen: 40.001 ng  
RT: 15.481 min Scan# 2124  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:138 Resp: 580827  
Ion Ratio Lower Upper  
138 100  
92 51.7 31.7 71.7  
108 79.9 59.9 99.9

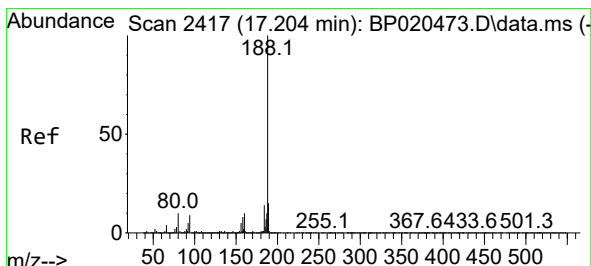
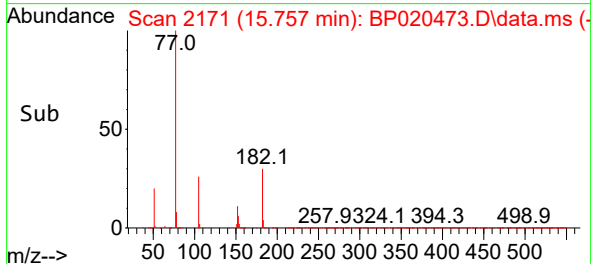
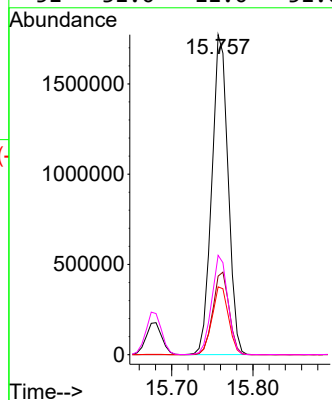
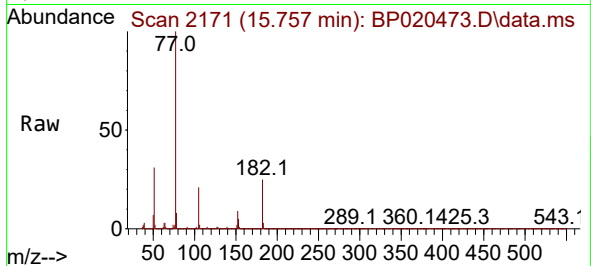




#63  
Azobenzene  
Concen: 39.473 ng  
RT: 15.757 min Scan# 2171  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

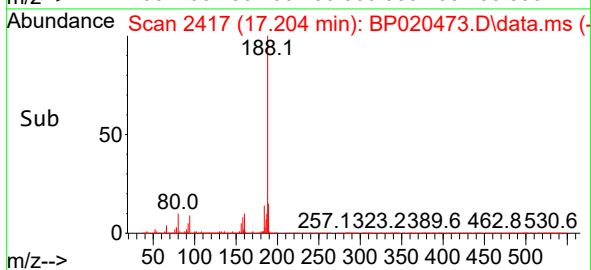
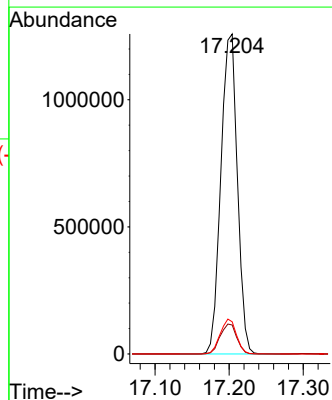
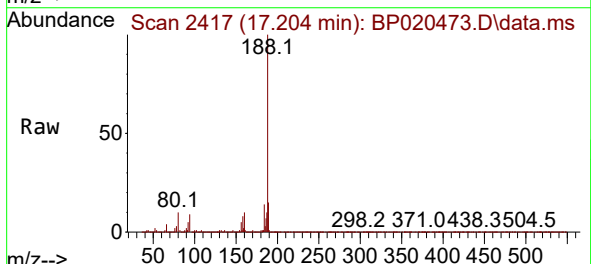
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

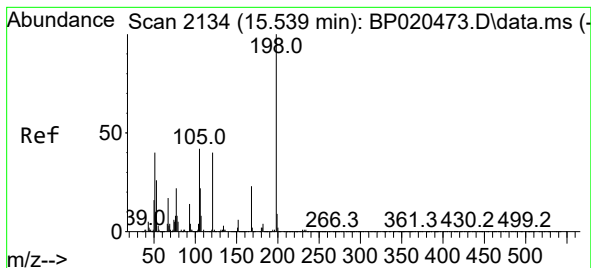
Tgt Ion: 77 Resp: 2463369  
Ion Ratio Lower Upper  
77 100  
182 24.6 4.6 44.6  
105 21.2 1.2 41.2  
51 31.0 11.0 51.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2417  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:188 Resp: 1943330  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.2 10.8  
80 10.1 8.1 12.1

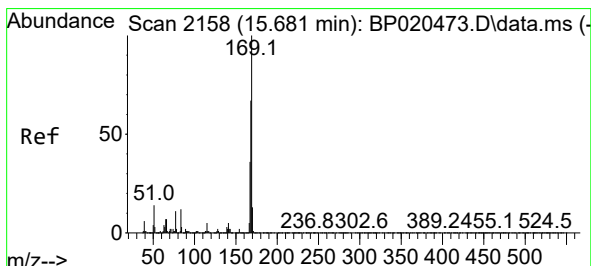
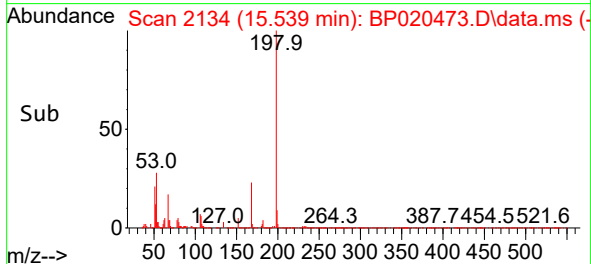
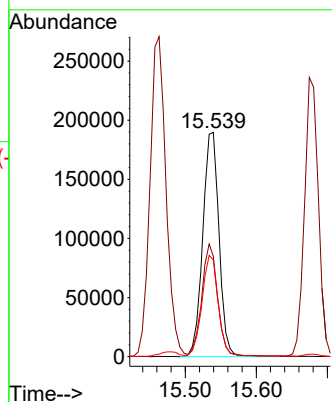
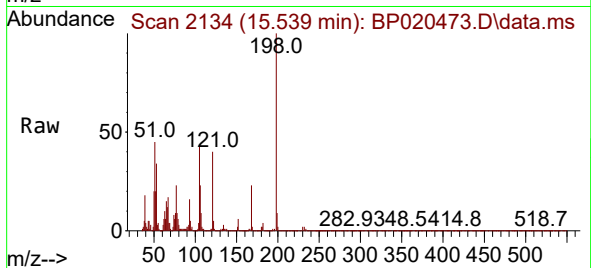




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.999 ng  
RT: 15.539 min Scan# 2134  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

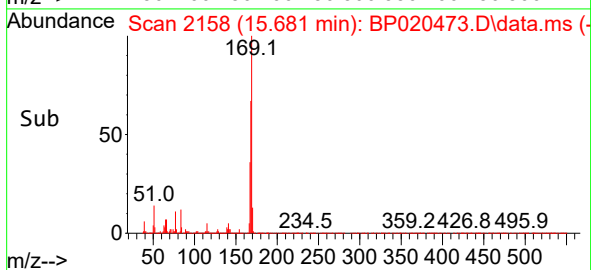
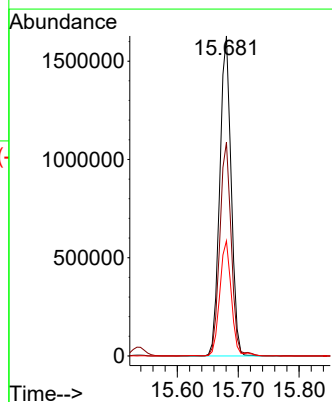
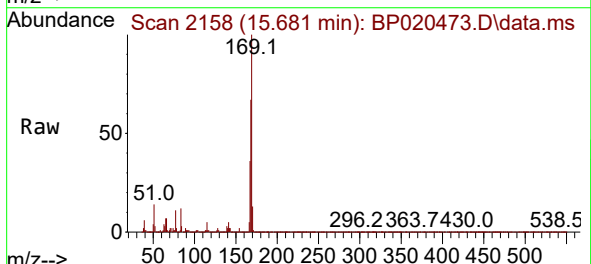
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

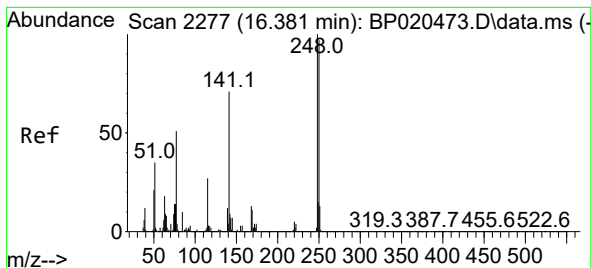
Tgt Ion:198 Resp: 302894  
Ion Ratio Lower Upper  
198 100  
51 44.8 24.8 64.8  
105 43.2 23.2 63.2



#66  
n-Nitrosodiphenylamine  
Concen: 39.372 ng  
RT: 15.681 min Scan# 2158  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:169 Resp: 2103606  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.4 80.0  
167 35.9 28.7 43.1

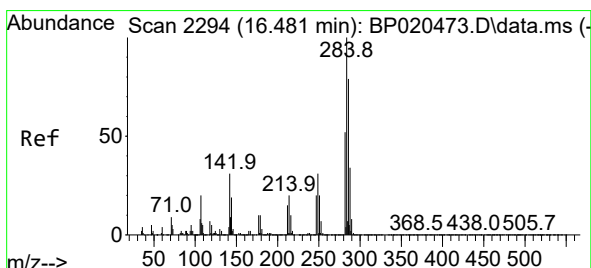
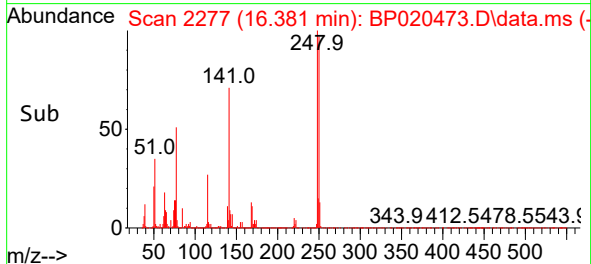
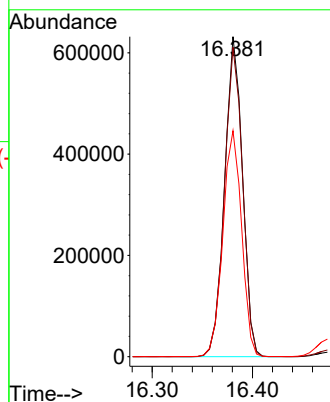
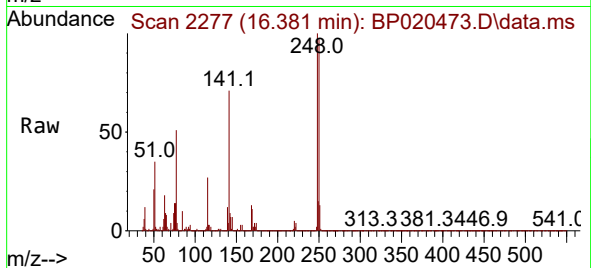




#67  
4-Bromophenyl-phenylether  
Concen: 39.469 ng  
RT: 16.381 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

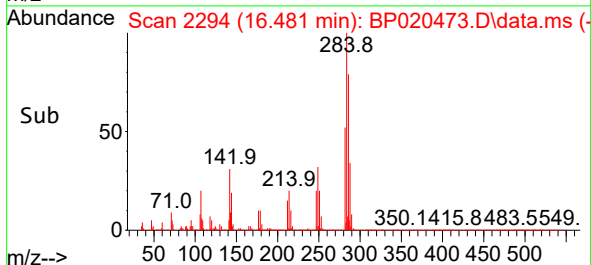
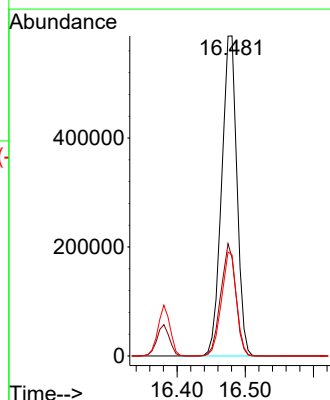
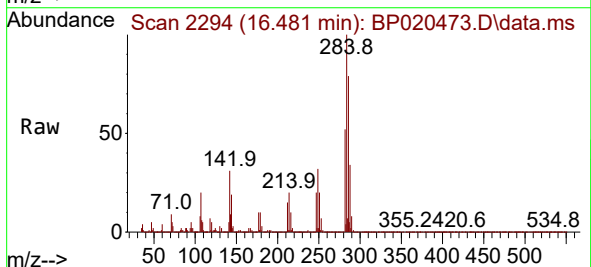
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

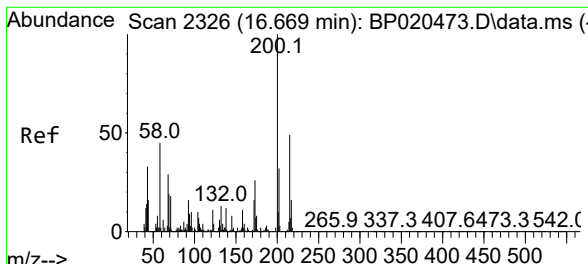
Tgt Ion:248 Resp: 784703  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.4 116.0  
141 70.6 56.5 84.7



#68  
Hexachlorobenzene  
Concen: 39.194 ng  
RT: 16.481 min Scan# 2294  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:284 Resp: 917077  
Ion Ratio Lower Upper  
284 100  
142 30.6 24.5 36.7  
249 31.6 25.3 37.9

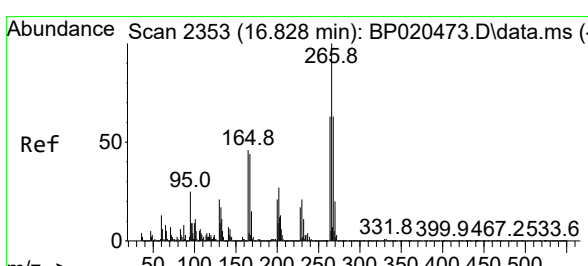
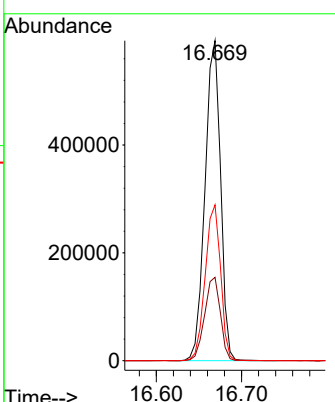
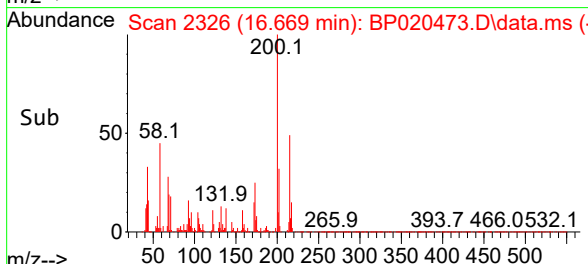
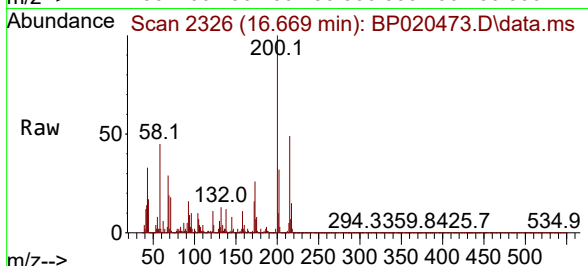




#69  
 Atrazine  
 Concen: 40.000 ng  
 RT: 16.669 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP020473.D  
 Acq: 29 May 2024 12:52

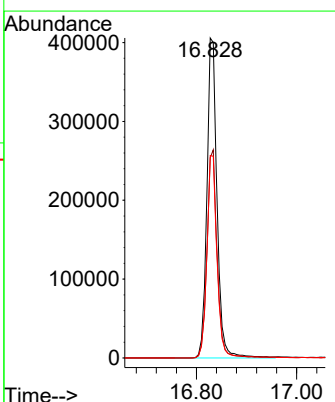
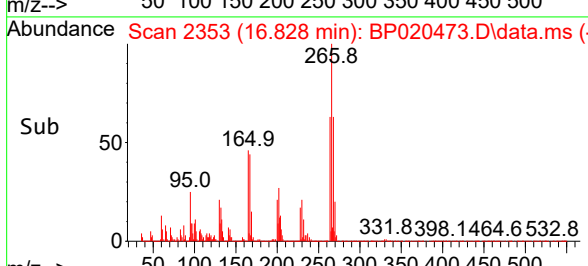
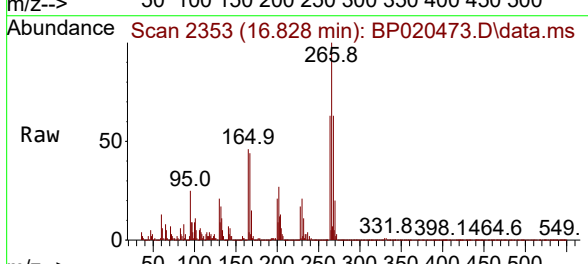
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC040

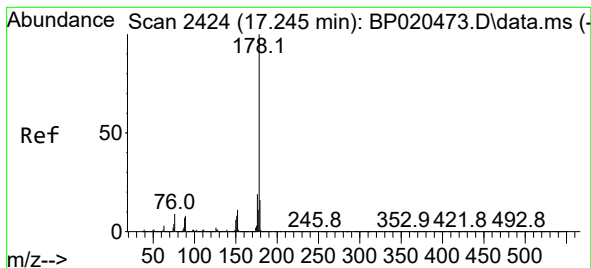
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 751864 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 26.1  | 6.1   | 46.1   |
| 215       | 48.7  | 28.7  | 68.7   |



#70  
 Pentachlorophenol  
 Concen: 40.000 ng  
 RT: 16.828 min Scan# 2353  
 Delta R.T. -0.000 min  
 Lab File: BP020473.D  
 Acq: 29 May 2024 12:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 568438 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 62.6  | 50.1  | 75.1   |
| 264       | 63.3  | 50.6  | 76.0   |





#71

Phenanthrene

Concen: 39.346 ng

RT: 17.245 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

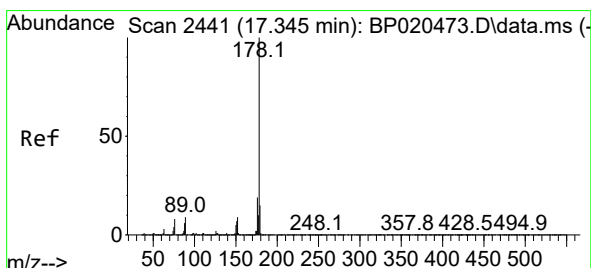
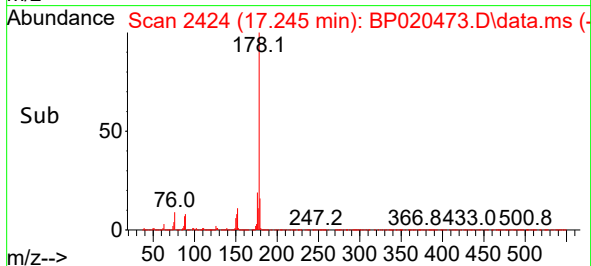
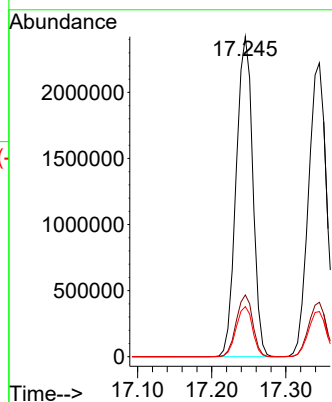
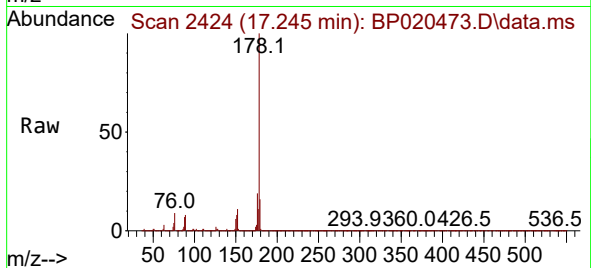
Tgt Ion:178 Resp: 3758700

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.6 12.5 18.7



#72

Anthracene

Concen: 39.871 ng

RT: 17.345 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

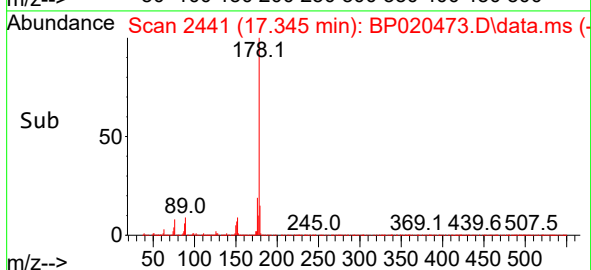
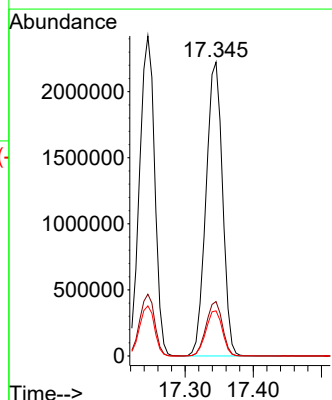
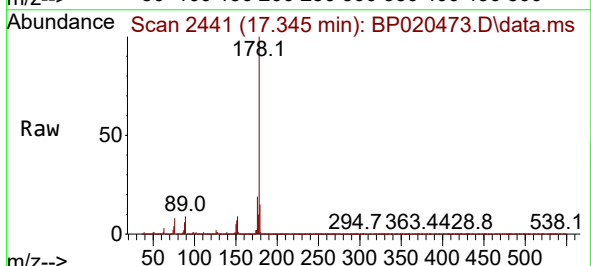
Tgt Ion:178 Resp: 3737417

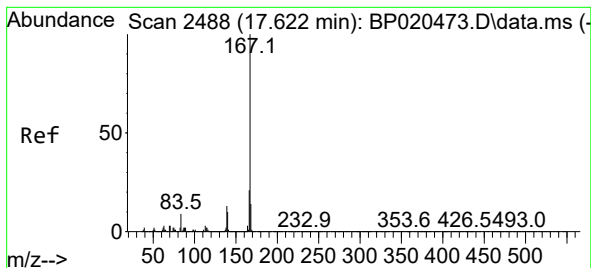
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.3 12.2 18.4





#73

Carbazole

Concen: 39.419 ng

RT: 17.622 min Scan# 2488

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

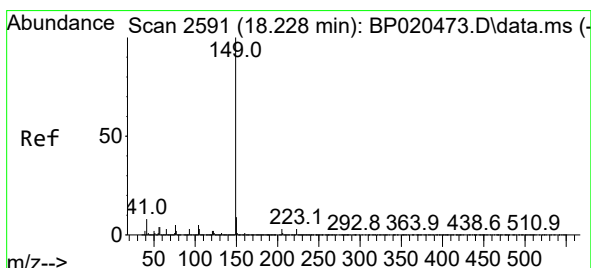
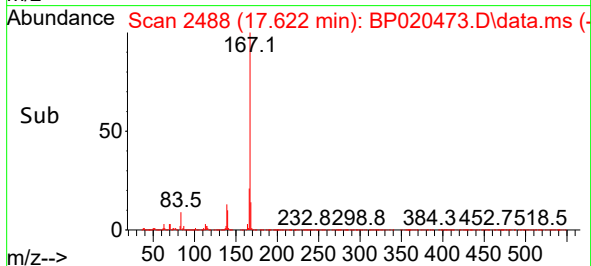
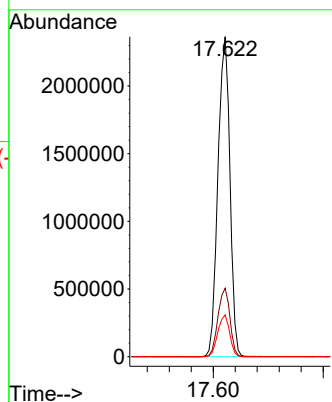
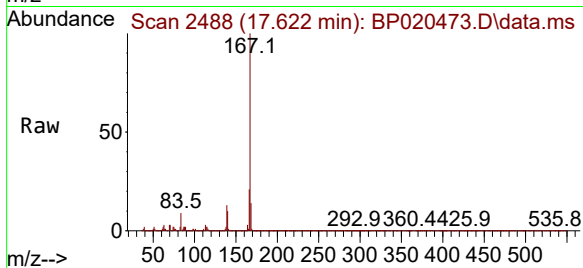
Tgt Ion:167 Resp: 3574225

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.364 ng

RT: 18.228 min Scan# 2591

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

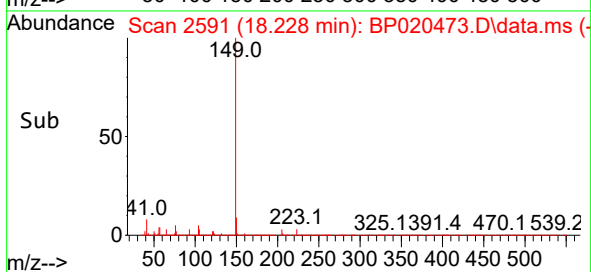
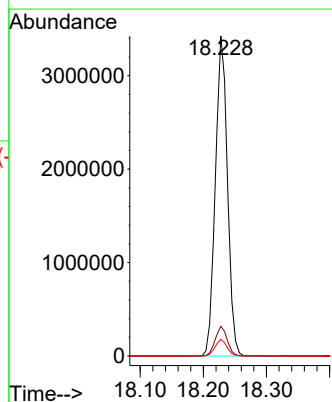
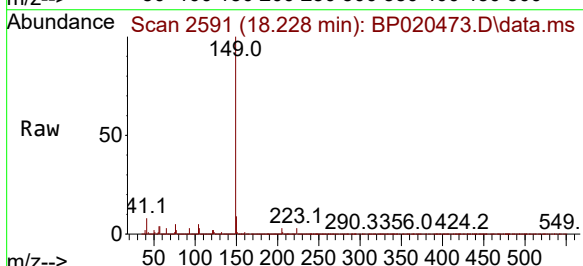
Tgt Ion:149 Resp: 4541936

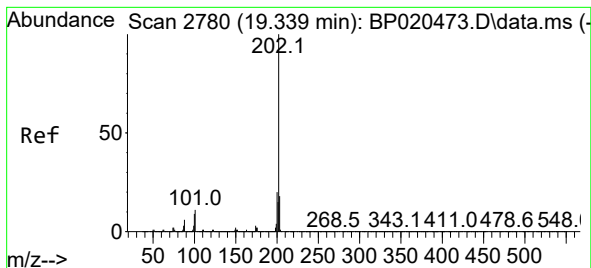
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 39.631 ng

RT: 19.339 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

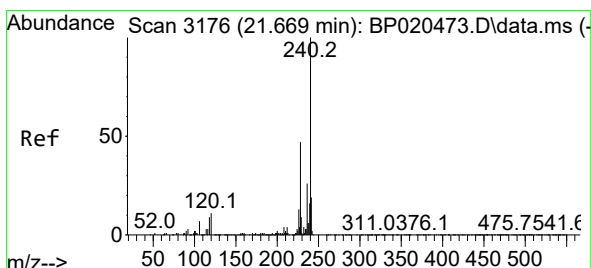
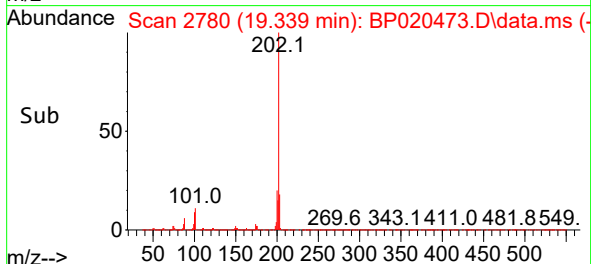
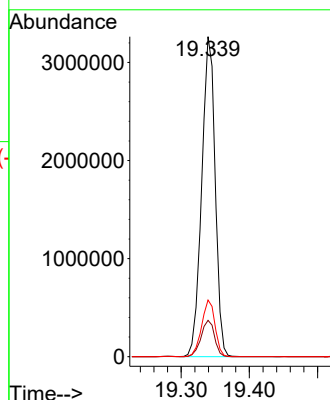
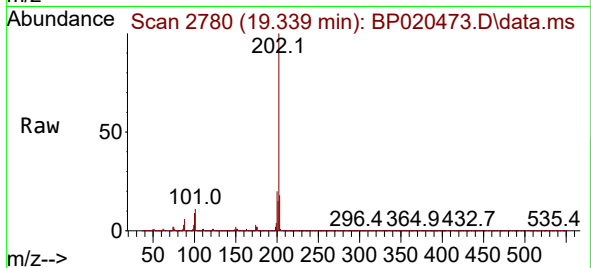
Tgt Ion:202 Resp: 4478880

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.669 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

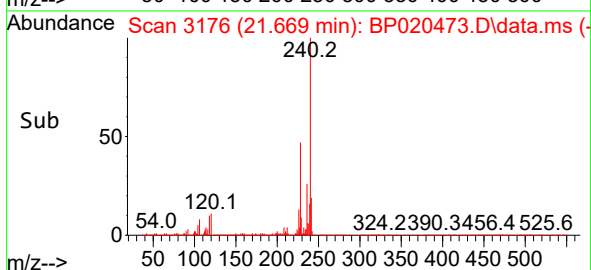
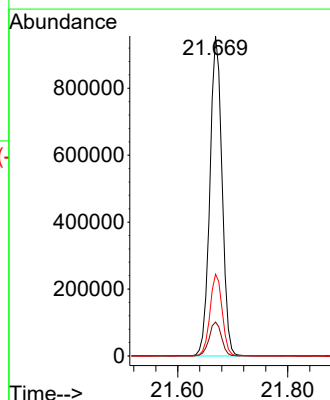
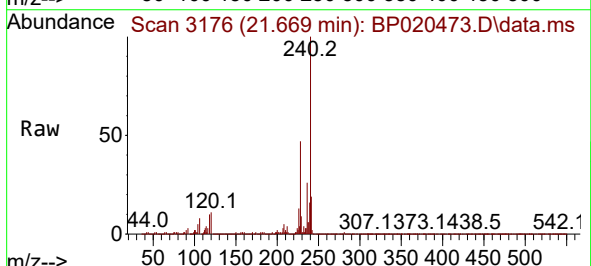
Tgt Ion:240 Resp: 1465126

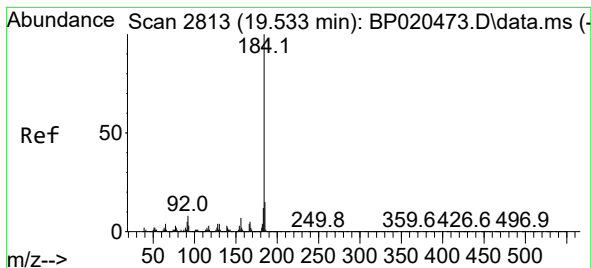
Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

236 25.6 20.5 30.7





#77

Benzidine

Concen: 52.616 ng

RT: 19.533 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

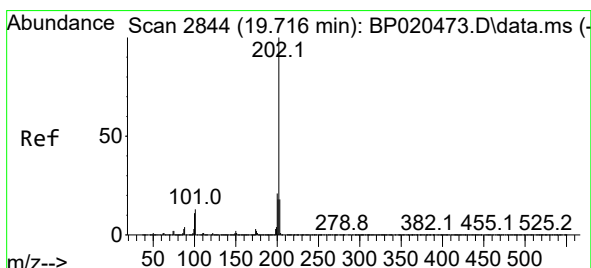
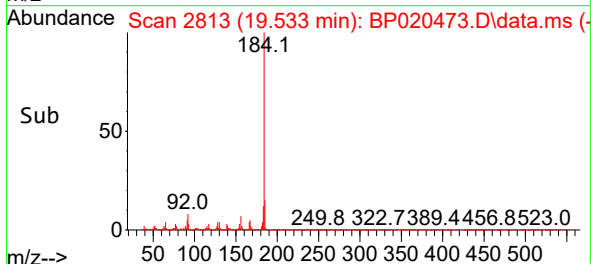
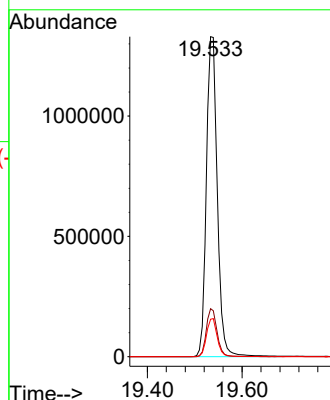
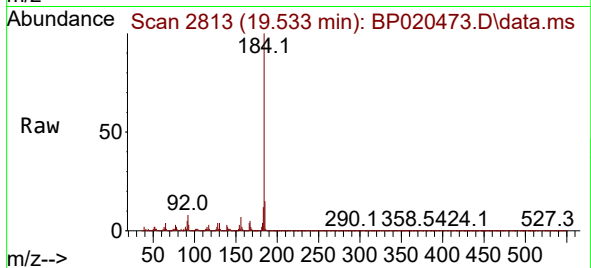
Tgt Ion:184 Resp: 2135367

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 11.7 9.4 14.0



#78

Pyrene

Concen: 41.513 ng

RT: 19.716 min Scan# 2844

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

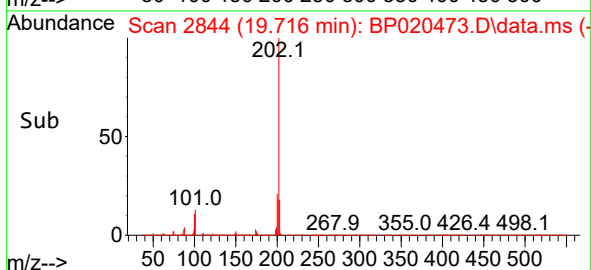
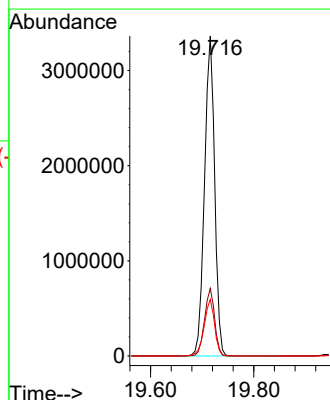
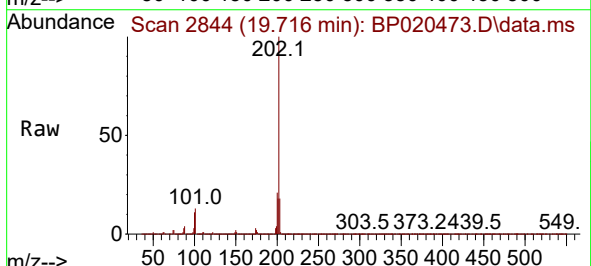
Tgt Ion:202 Resp: 4574859

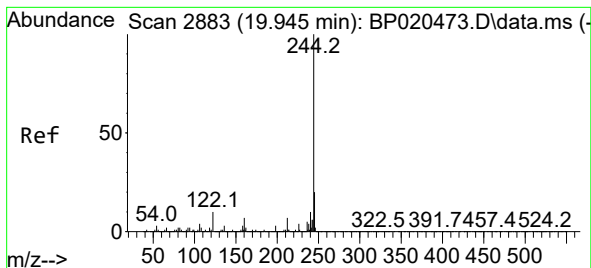
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 85.020 ng

RT: 19.945 min Scan# 2883

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

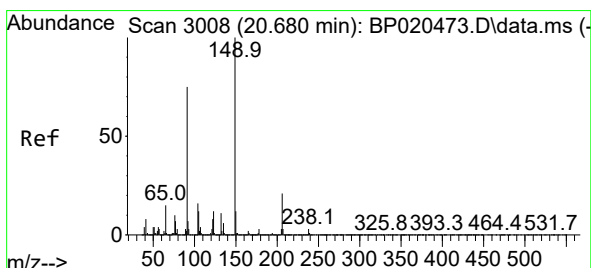
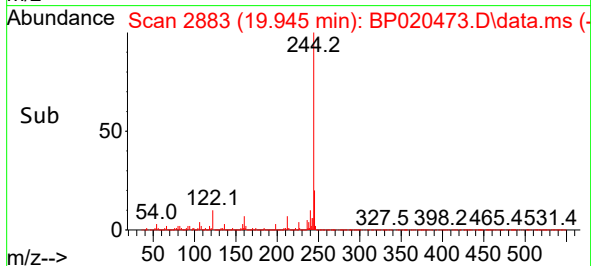
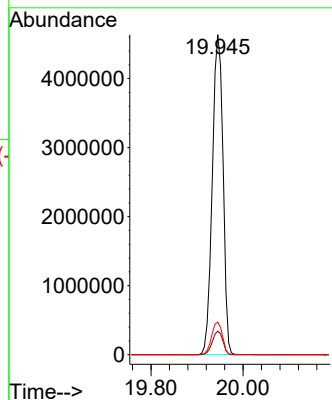
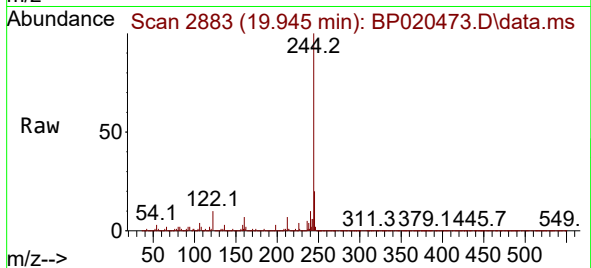
Tgt Ion:244 Resp: 7482611

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 41.895 ng

RT: 20.680 min Scan# 3008

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

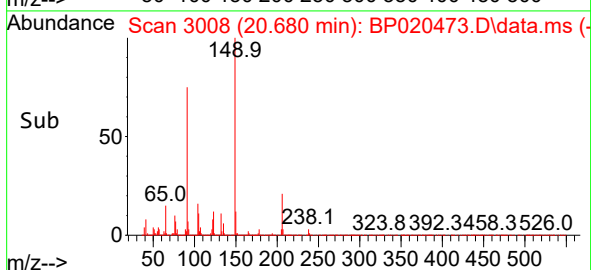
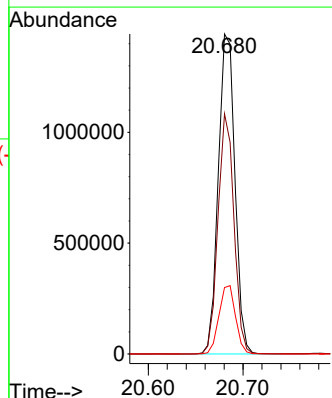
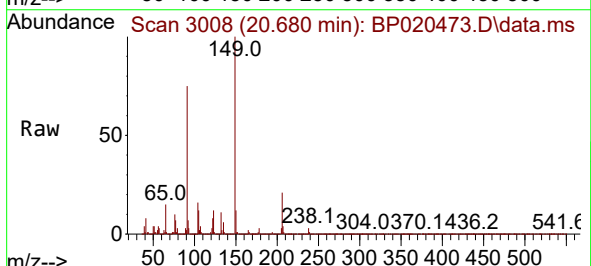
Tgt Ion:149 Resp: 1765323

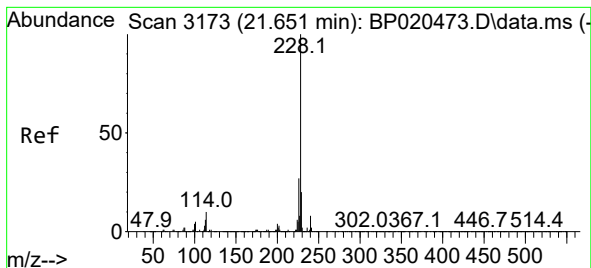
Ion Ratio Lower Upper

149 100

91 75.0 60.0 90.0

206 20.8 16.6 25.0





#81

Benzo(a)anthracene

Concen: 39.965 ng

RT: 21.651 min Scan# 3173

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

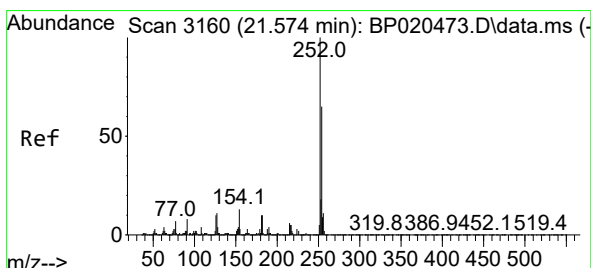
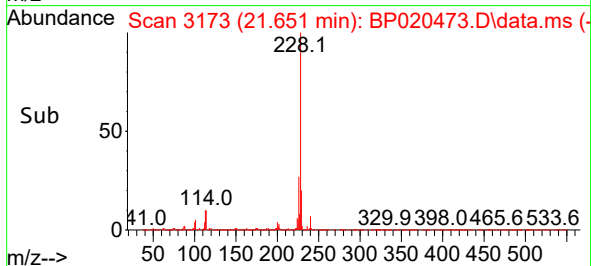
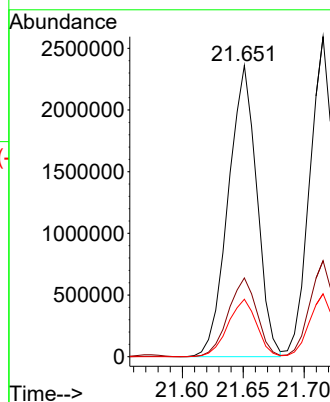
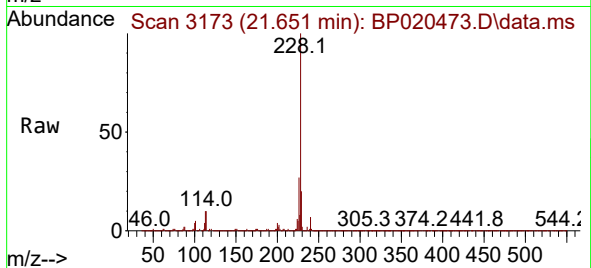
Tgt Ion:228 Resp: 3855419

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.533 ng

RT: 21.574 min Scan# 3160

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

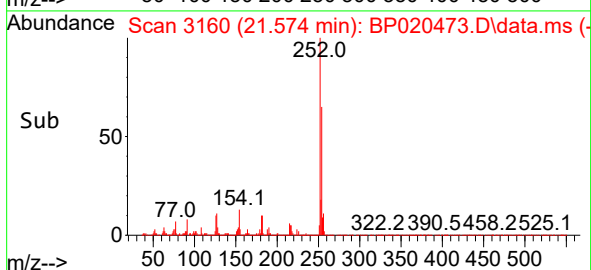
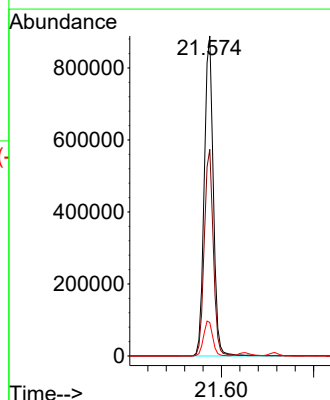
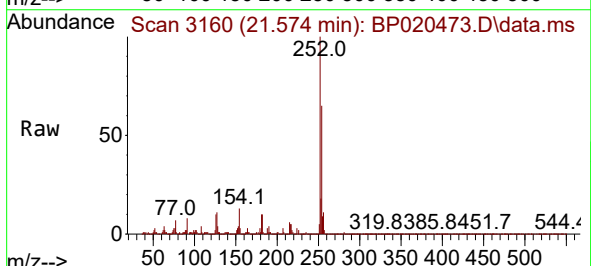
Tgt Ion:252 Resp: 1219720

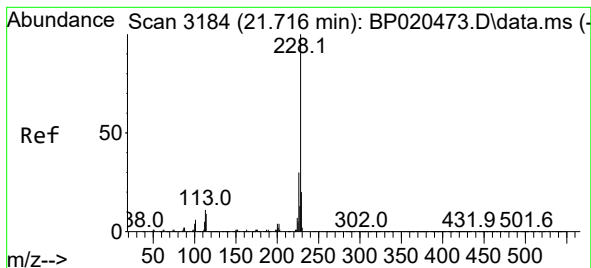
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 10.4 8.3 12.5





#83

Chrysene

Concen: 40.214 ng

RT: 21.716 min Scan# 3184

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

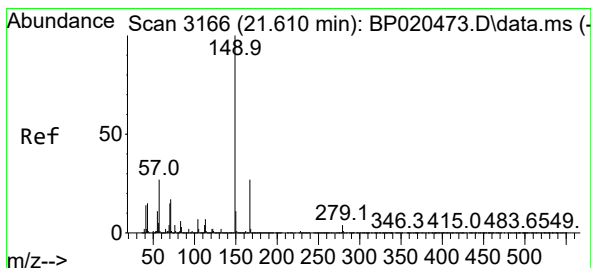
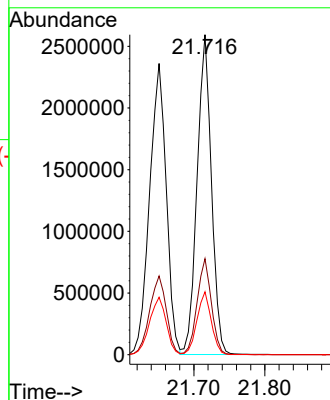
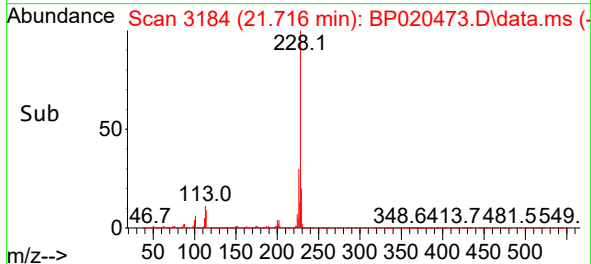
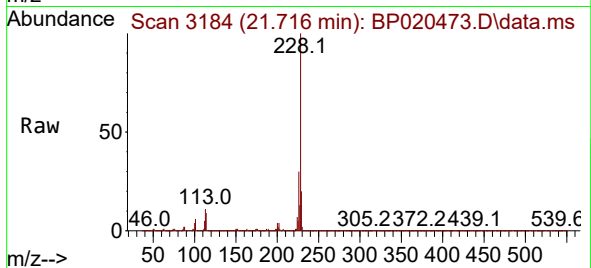
Tgt Ion:228 Resp: 3655566

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.323 ng

RT: 21.610 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

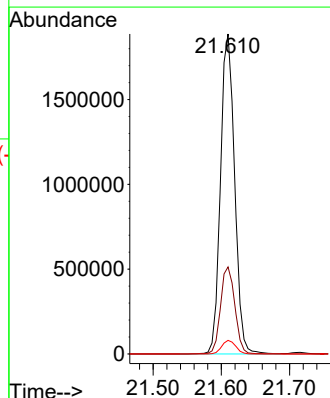
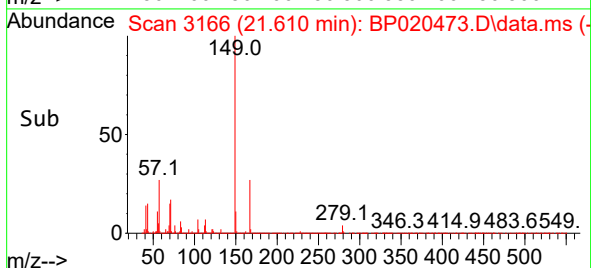
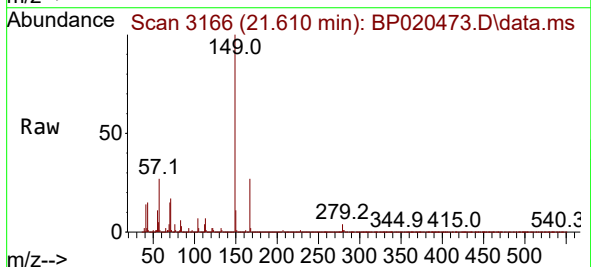
Tgt Ion:149 Resp: 2717222

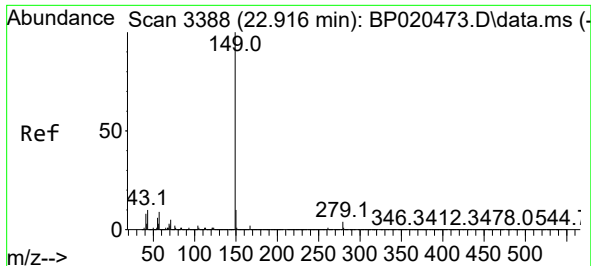
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 4.2 3.4 5.0

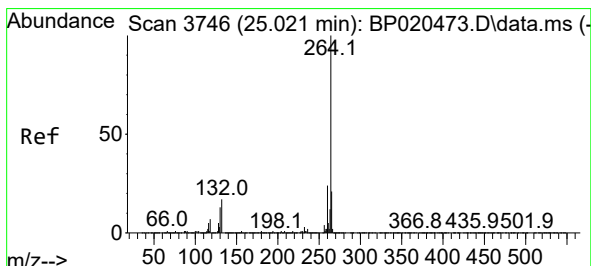
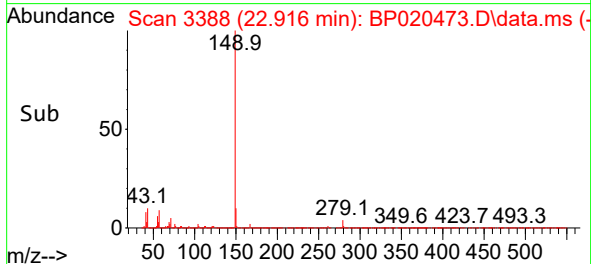
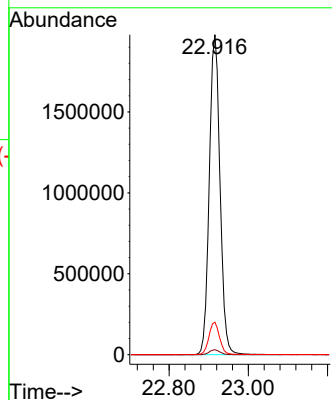
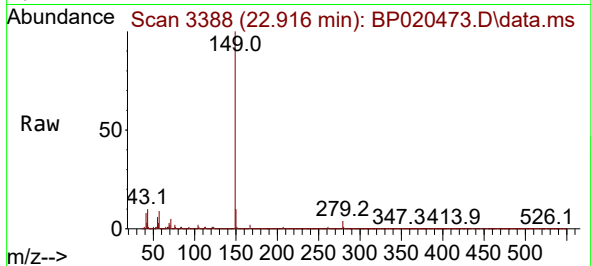




#85  
Di-n-octyl phthalate  
Concen: 40.617 ng  
RT: 22.916 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

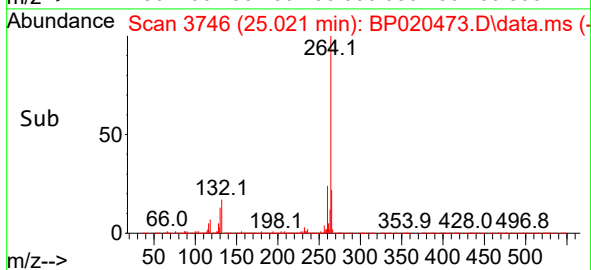
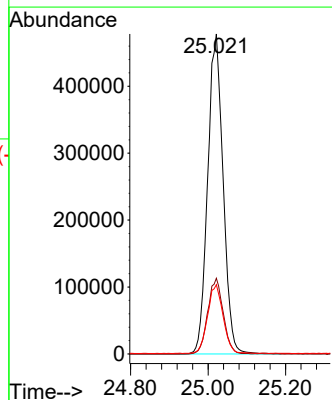
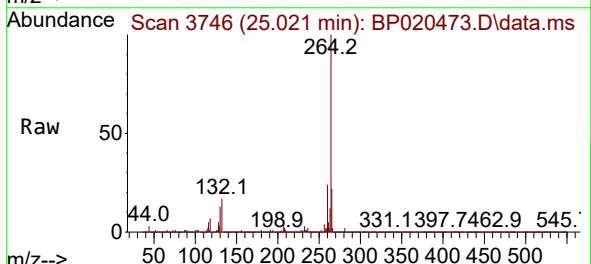
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

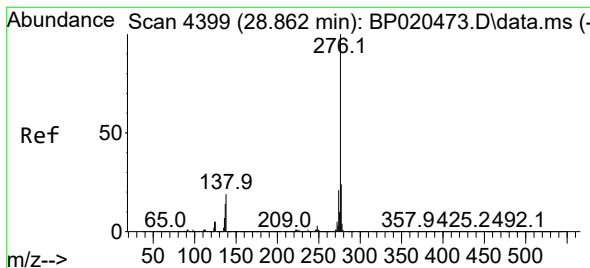
Tgt Ion:149 Resp: 3702635  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.2 8.2 12.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.021 min Scan# 3746  
Delta R.T. 0.000 min  
Lab File: BP020473.D  
Acq: 29 May 2024 12:52

Tgt Ion:264 Resp: 1320539  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.9 28.3  
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.512 ng

RT: 28.862 min Scan# 4399

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

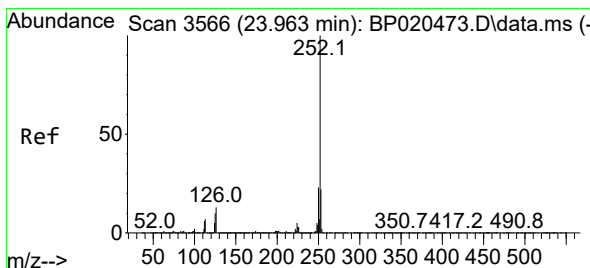
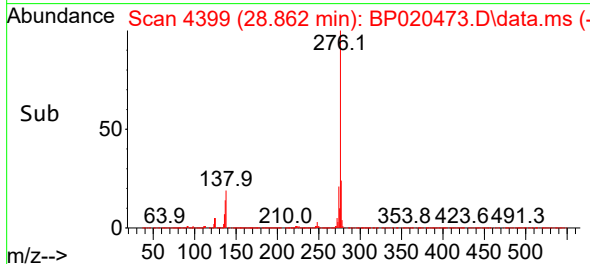
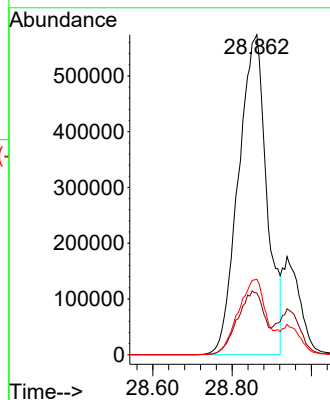
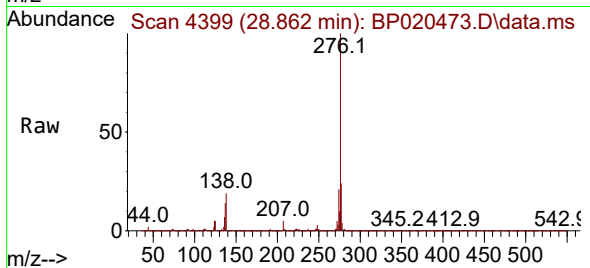
Tgt Ion:276 Resp: 2848229

Ion Ratio Lower Upper

276 100

138 19.0 12.8 19.2

277 23.1 15.6 23.4



#88

Benzo(b)fluoranthene

Concen: 40.470 ng

RT: 23.963 min Scan# 3566

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

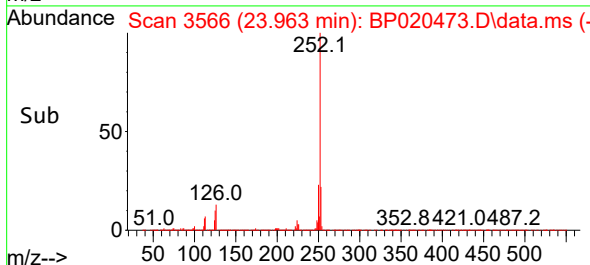
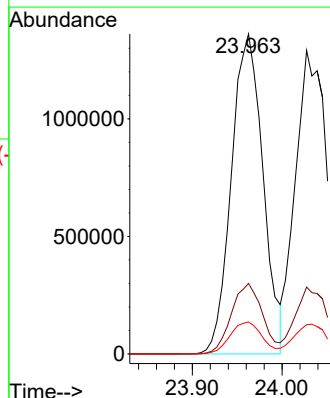
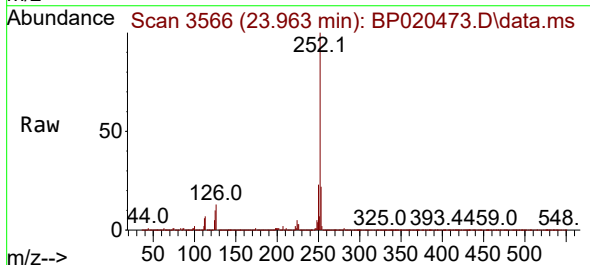
Tgt Ion:252 Resp: 3329369

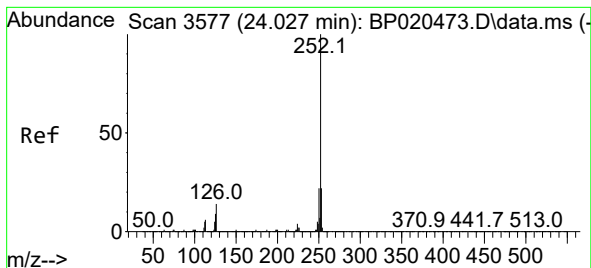
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 40.048 ng

RT: 24.027 min Scan# 3577

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

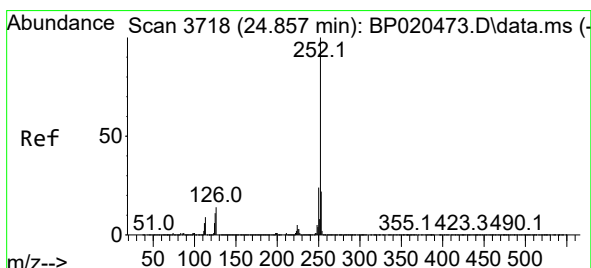
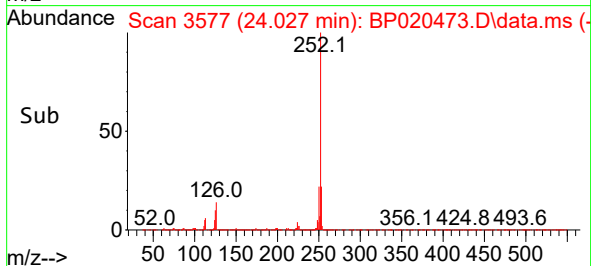
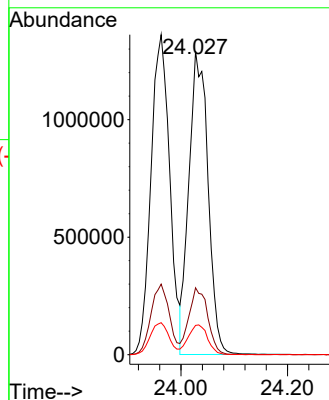
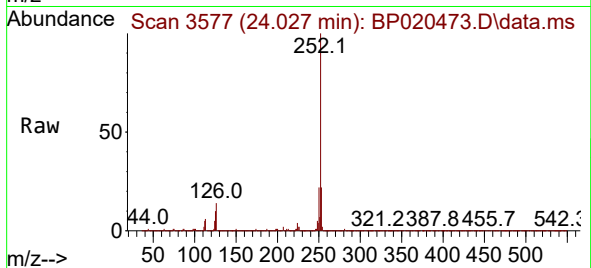
Tgt Ion:252 Resp: 3213308

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.7 7.8 11.6



#90

Benzo(a)pyrene

Concen: 40.932 ng

RT: 24.857 min Scan# 3718

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

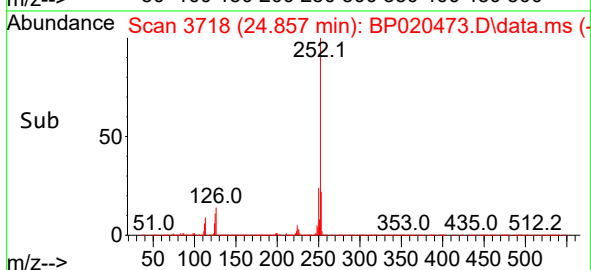
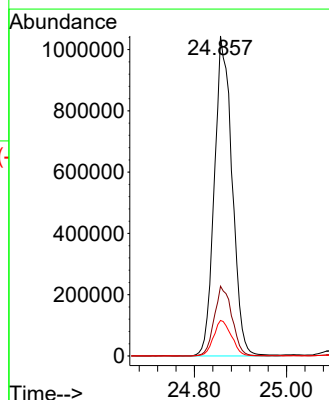
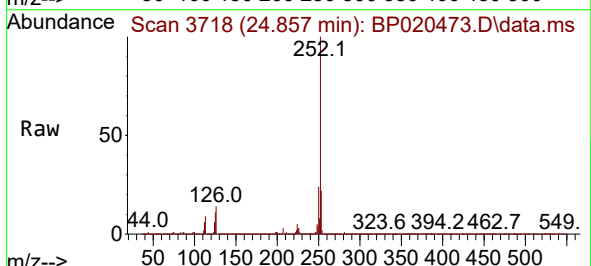
Tgt Ion:252 Resp: 2788743

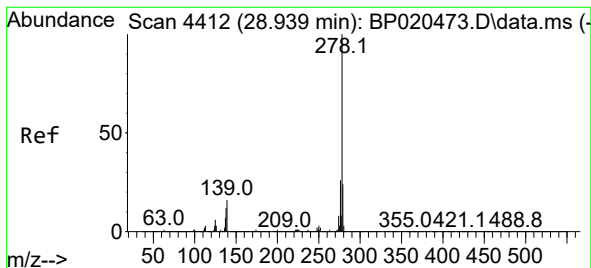
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 11.1 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 41.960 ng

RT: 28.939 min Scan# 4412

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

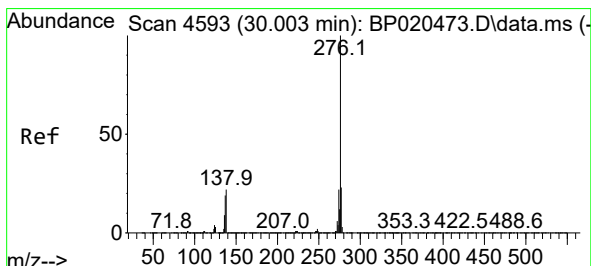
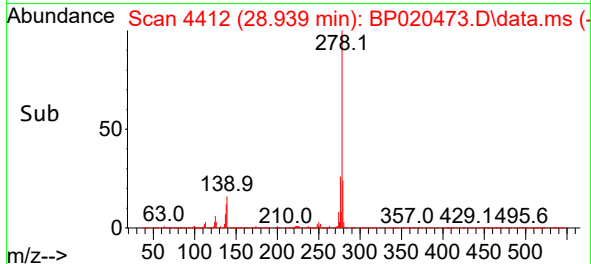
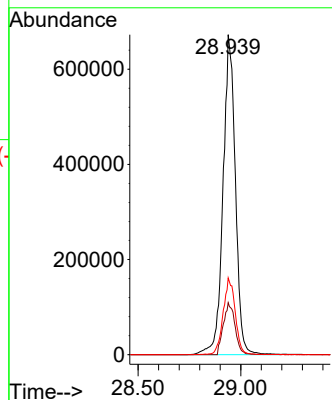
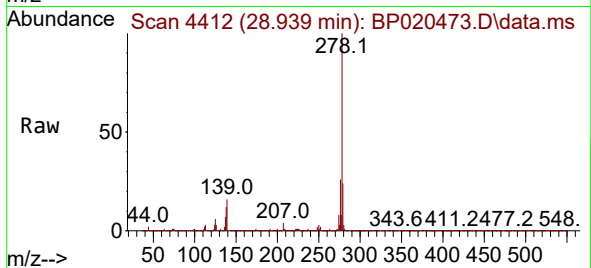
Tgt Ion:278 Resp: 2810443

Ion Ratio Lower Upper

278 100

139 16.2 13.0 19.4

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 42.152 ng

RT: 30.003 min Scan# 4593

Delta R.T. 0.000 min

Lab File: BP020473.D

Acq: 29 May 2024 12:52

Tgt Ion:276 Resp: 2821969

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 22.1 17.7 26.5

