

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020624\  
 Data File : BP019564.D  
 Acq On : 06 Feb 2024 09:30  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 07 00:58:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.910  | 152  | 69961    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.710 | 136  | 254210   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.539 | 164  | 170784   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.298 | 188  | 413251   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.392 | 240  | 472365   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.810 | 264  | 555856   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 338370   | 77.961 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 442659   | 75.640 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.081  | 82   | 461470   | 78.660 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.034 | 330  | 227201   | 91.115 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.175 | 172  | 1057912  | 76.577 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.869 | 244  | 2225106  | 77.467 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.381  | 88   | 70930    | 42.417 | ng    | 99       |
| 3) Pyridine                   | 3.781  | 79   | 165756   | 36.562 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.705  | 42   | 80298    | 40.682 | ng    | 99       |
| 6) Aniline                    | 7.240  | 93   | 217953   | 38.328 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.469  | 128  | 168581   | 37.833 | ng    | 96       |
| 9) Benzaldehyde               | 7.058  | 77   | 131163   | 31.967 | ng    | 99       |
| 10) Phenol                    | 7.105  | 94   | 223498   | 38.318 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.346  | 93   | 172788   | 38.077 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.793  | 146  | 211319   | 38.757 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.946  | 146  | 214509   | 38.832 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.257  | 146  | 206652   | 38.664 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.157  | 79   | 174988   | 37.423 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.440  | 45   | 172204   | 37.949 | ng    | 99       |
| 17) 2-Methylphenol            | 8.352  | 107  | 146355   | 37.270 | ng    | 97       |
| 18) Hexachloroethane          | 8.981  | 117  | 81529    | 38.077 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.728  | 70   | 147182   | 36.820 | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.681  | 107  | 196742   | 36.711 | ng    | 98       |
| 22) Acetophenone              | 8.740  | 105  | 280693   | 38.759 | ng    | # 98     |
| 24) Nitrobenzene              | 9.122  | 77   | 233577   | 39.544 | ng    | 98       |
| 25) Isophorone                | 9.646  | 82   | 398314   | 38.985 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.828  | 139  | 86537    | 38.423 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.887  | 122  | 112680   | 39.126 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93   | 225758   | 39.053 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.357 | 162  | 172777   | 39.688 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180  | 216127   | 40.490 | ng    | 99       |
| 31) Naphthalene               | 10.757 | 128  | 548233   | 39.322 | ng    | 99       |
| 32) Benzoic acid              | 10.016 | 122  | 112304   | 40.024 | ng    | 90       |
| 33) 4-Chloroaniline           | 10.881 | 127  | 208352   | 40.409 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.034 | 225  | 162259   | 41.021 | ng    | 98       |
| 35) Caprolactam               | 11.657 | 113  | 53068    | 43.060 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.998 | 107  | 195062   | 41.092 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.369 | 142  | 391735   | 40.600 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.587 | 142  | 382549   | 40.345 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.728 | 216  | 251487   | 38.182 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.704 | 237  | 116762   | 39.242 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.975 | 196  | 155751   | 39.052 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020624\  
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 Acq On : 06 Feb 2024 09:30  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

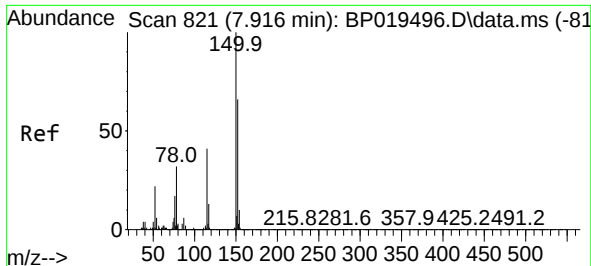
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 07 00:58:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.045 | 196  | 173664   | 39.654 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.381 | 154  | 517420   | 37.960 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.422 | 162  | 430089   | 38.437 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.634 | 65   | 127132   | 40.633 | ng    | 97       |
| 49) Acenaphthylene            | 14.263 | 152  | 624994   | 39.813 | ng    | 100      |
| 50) Dimethylphthalate         | 14.016 | 163  | 546814   | 41.824 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.134 | 165  | 119657   | 41.657 | ng    | 98       |
| 52) Acenaphthene              | 14.604 | 154  | 386816   | 39.701 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.457 | 138  | 114420   | 43.344 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.663 | 184  | 65776    | 44.103 | ng    | 98       |
| 55) Dibenzofuran              | 14.945 | 168  | 649087   | 40.904 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.763 | 139  | 96166    | 44.446 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.916 | 165  | 169405   | 45.005 | ng    | 98       |
| 58) Fluorene                  | 15.592 | 166  | 533009   | 42.172 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.163 | 232  | 158273   | 42.966 | ng    | 98       |
| 60) Diethylphthalate          | 15.381 | 149  | 569305   | 43.779 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204  | 300008   | 42.232 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.622 | 138  | 128517   | 46.446 | ng    | 96       |
| 63) Azobenzene                | 15.886 | 77   | 545307   | 43.364 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 198  | 98014    | 41.595 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.810 | 169  | 461450   | 37.285 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.492 | 248  | 197927   | 38.312 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.586 | 284  | 232363   | 38.516 | ng    | 99       |
| 69) Atrazine                  | 16.775 | 200  | 170591   | 41.537 | ng    | 98       |
| 70) Pentachlorophenol         | 16.939 | 266  | 157892   | 42.027 | ng    | 99       |
| 71) Phenanthrene              | 17.339 | 178  | 859574   | 39.524 | ng    | 99       |
| 72) Anthracene                | 17.433 | 178  | 866787   | 39.953 | ng    | 100      |
| 73) Carbazole                 | 17.710 | 167  | 831921   | 42.211 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.275 | 149  | 1034922  | 43.429 | ng    | 100      |
| 75) Fluoranthene              | 19.310 | 202  | 1167909  | 43.960 | ng    | 99       |
| 77) Benzidine                 | 19.498 | 184  | 452583   | 45.828 | ng    | 99       |
| 78) Pyrene                    | 19.657 | 202  | 1237171  | 37.110 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.551 | 149  | 483614   | 38.845 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.374 | 228  | 1322516  | 39.774 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.316 | 252  | 478028   | 39.452 | ng    | 100      |
| 83) Chrysene                  | 21.427 | 228  | 1239523  | 39.264 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.321 | 149  | 759032   | 40.038 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.268 | 149  | 1301606  | 39.023 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.339 | 276  | 1613347  | 37.918 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.074 | 252  | 1422623  | 40.608 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.121 | 252  | 1332726  | 39.825 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.704 | 252  | 1228616  | 39.415 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.368 | 278  | 1329407  | 37.989 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.109 | 276  | 1328871  | 37.431 | ng    | 99       |

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

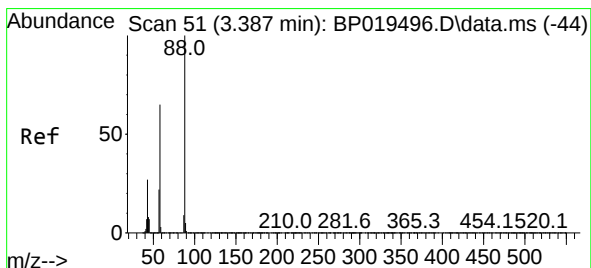
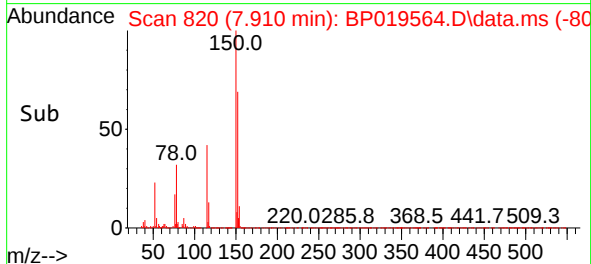
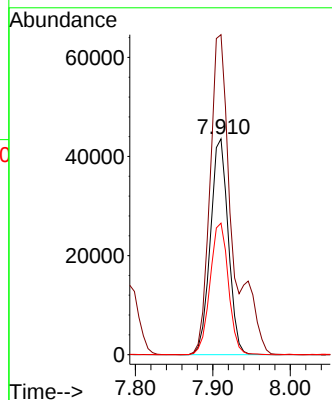
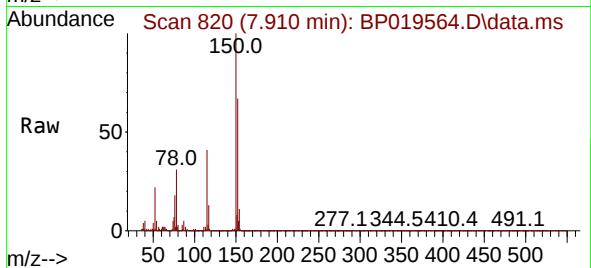




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.910 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BP019564.D  
 Acq: 06 Feb 2024 09:30

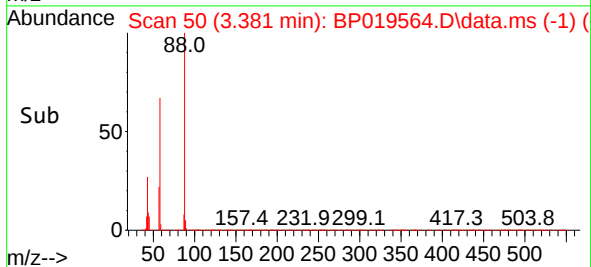
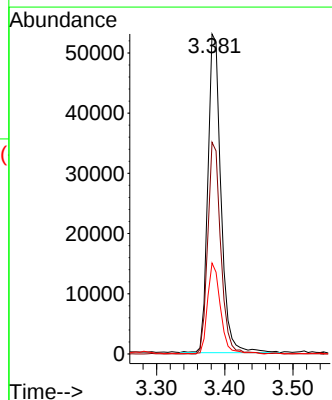
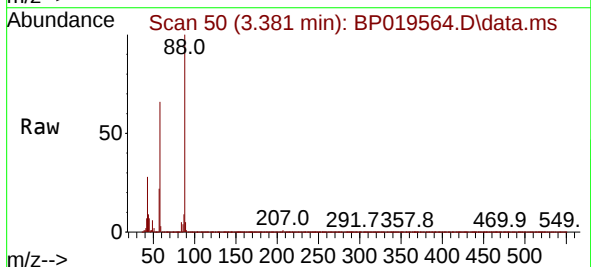
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:152 Resp: 69961  
 Ion Ratio Lower Upper  
 152 100  
 150 148.2 121.8 182.8  
 115 60.9 49.9 74.9



#2  
 1,4-Dioxane  
 Concen: 42.417 ng  
 RT: 3.381 min Scan# 50  
 Delta R.T. -0.006 min  
 Lab File: BP019564.D  
 Acq: 06 Feb 2024 09:30

Tgt Ion: 88 Resp: 70930  
 Ion Ratio Lower Upper  
 88 100  
 58 65.9 52.6 78.8  
 43 28.2 21.9 32.9

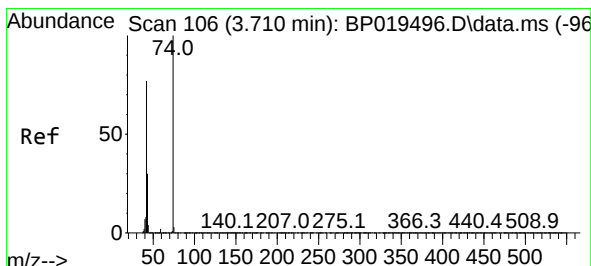
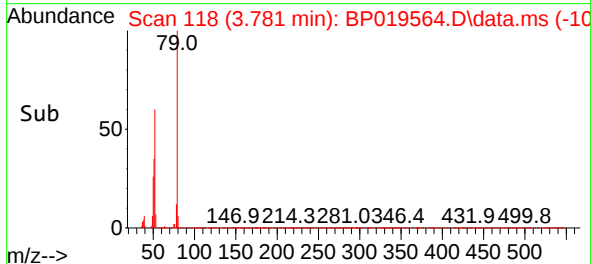
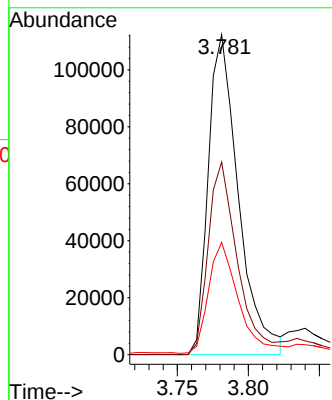
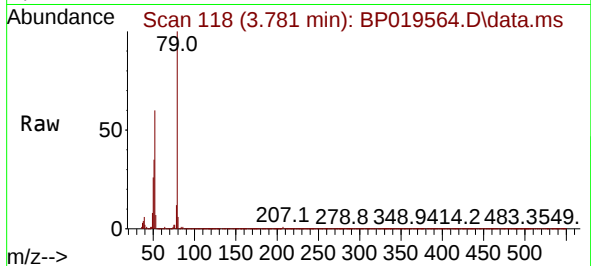




#3  
Pyridine  
Concen: 36.562 ng  
RT: 3.781 min Scan# 119  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

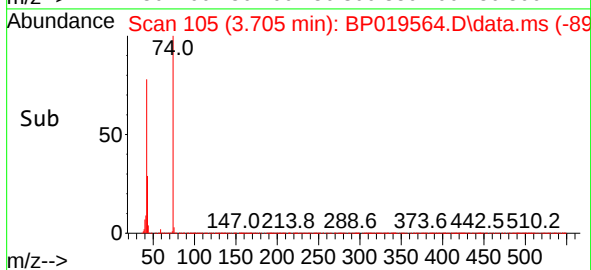
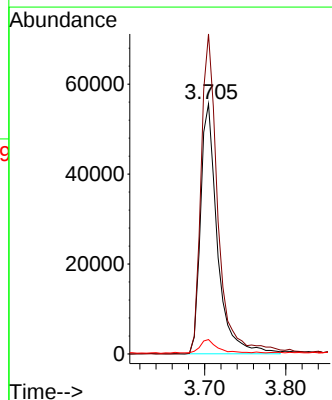
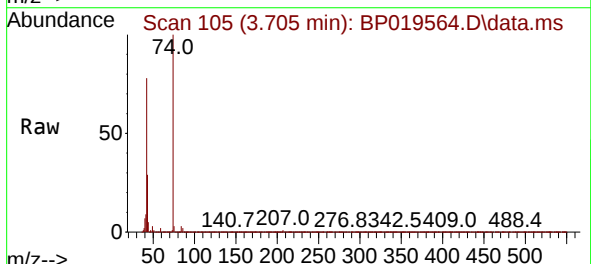
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BNA\_P  
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SSTDCCC040

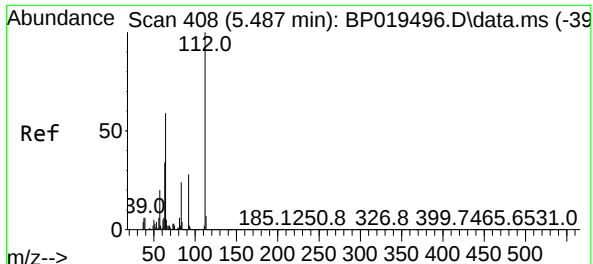
Tgt Ion: 79 Resp: 165756  
Ion Ratio Lower Upper  
79 100  
52 60.2 45.0 67.6  
51 35.1 26.8 40.2



#4  
n-Nitrosodimethylamine  
Concen: 40.682 ng  
RT: 3.705 min Scan# 105  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion: 42 Resp: 80298  
Ion Ratio Lower Upper  
42 100  
74 128.0 103.4 155.2  
44 5.8 4.8 7.2

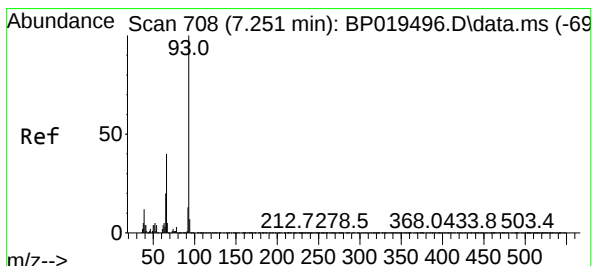
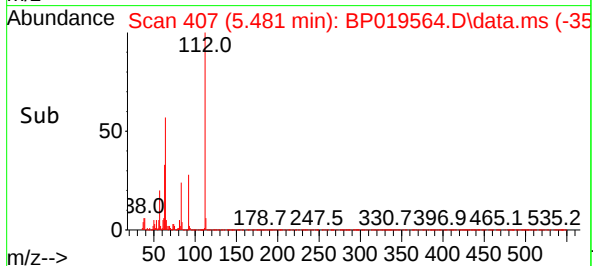
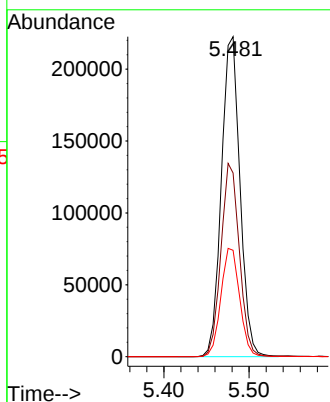
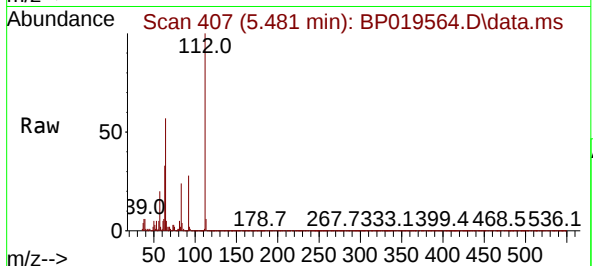




#5  
2-Fluorophenol  
Concen: 77.961 ng  
RT: 5.481 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

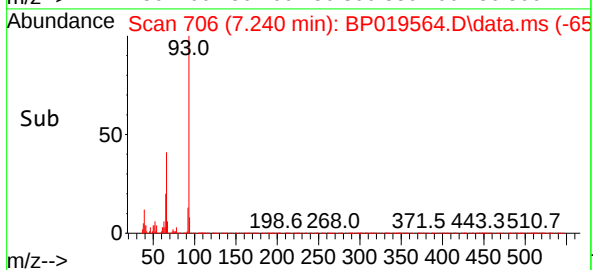
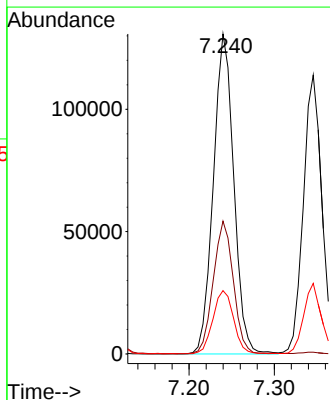
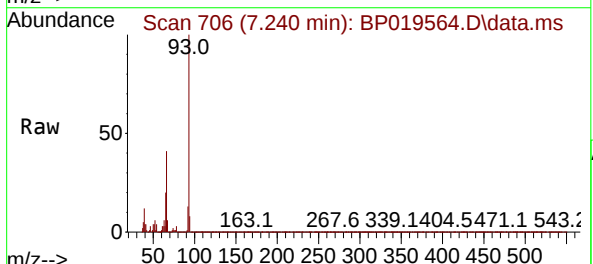
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

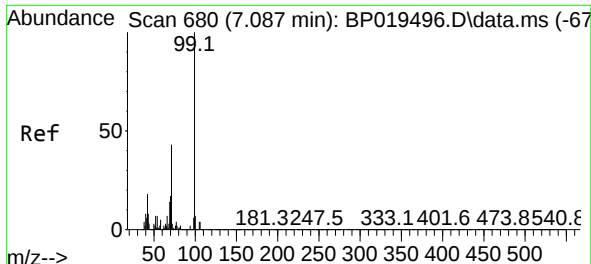
Tgt Ion:112 Resp: 338370  
Ion Ratio Lower Upper  
112 100  
64 57.4 47.4 71.0  
63 33.3 27.0 40.6



#6  
Aniline  
Concen: 38.328 ng  
RT: 7.240 min Scan# 706  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion: 93 Resp: 217953  
Ion Ratio Lower Upper  
93 100  
66 41.5 32.3 48.5  
65 19.8 16.4 24.6





#7

Phenol-d6

Concen: 75.640 ng

RT: 7.075 min Scan# 61

Delta R.T. -0.012 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

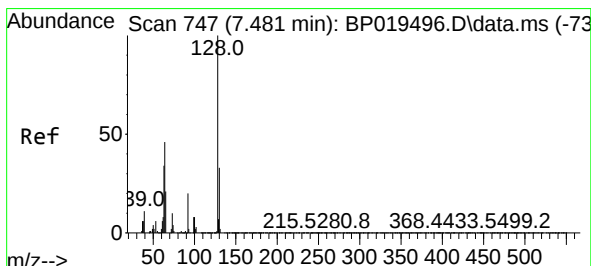
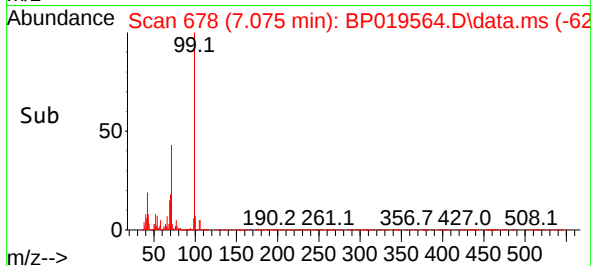
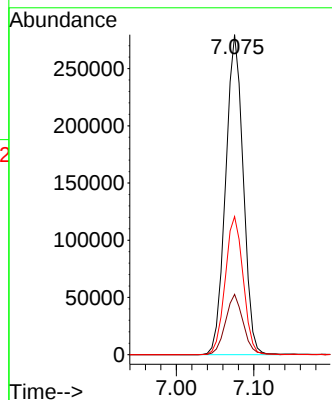
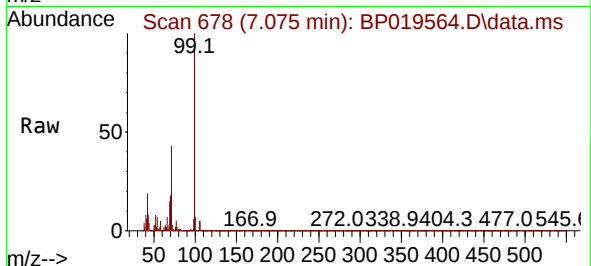
Tgt Ion: 99 Resp: 442659

Ion Ratio Lower Upper

99 100

42 18.9 14.7 22.1

71 43.2 34.8 52.2



#8

2-Chlorophenol

Concen: 37.833 ng

RT: 7.469 min Scan# 745

Delta R.T. -0.012 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

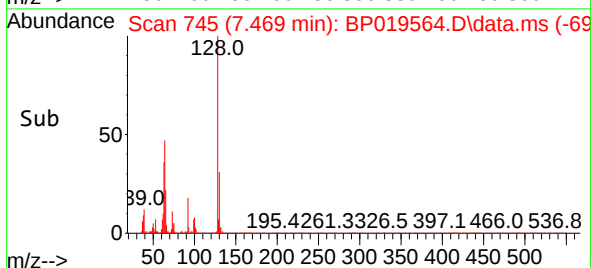
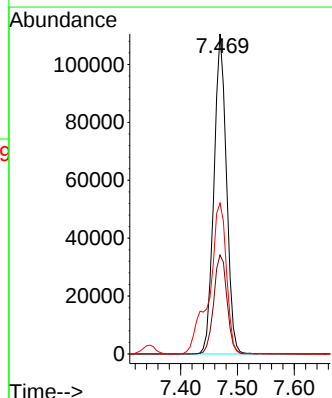
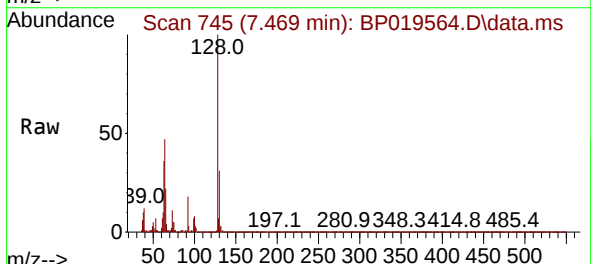
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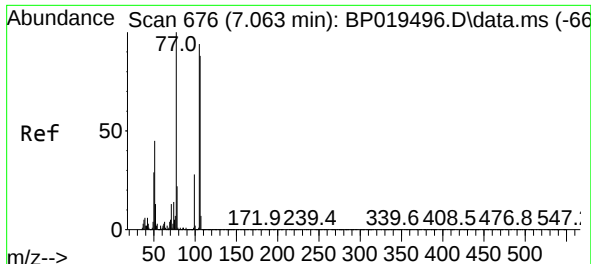
Ion Ratio Lower Upper

128 100

130 30.9 13.3 53.3

64 47.1 29.7 69.7

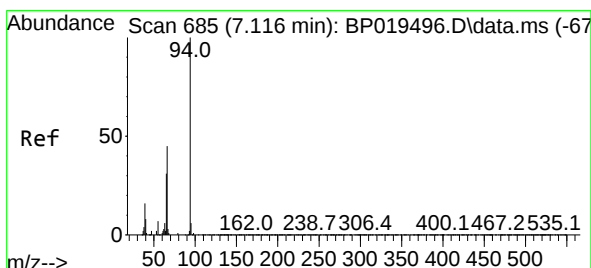
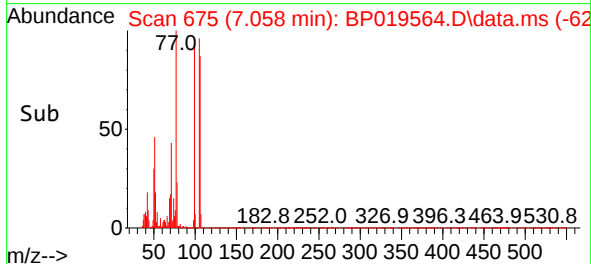
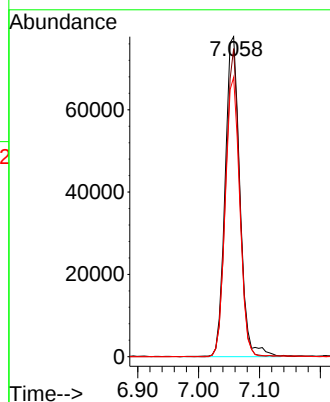
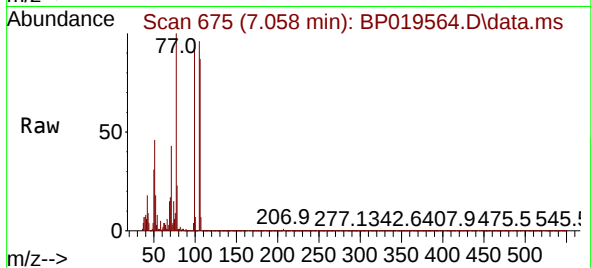




#9  
Benzaldehyde  
Concen: 31.967 ng  
RT: 7.058 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

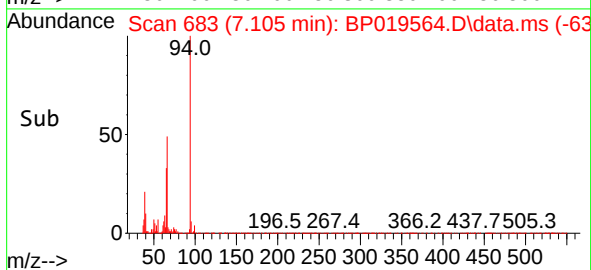
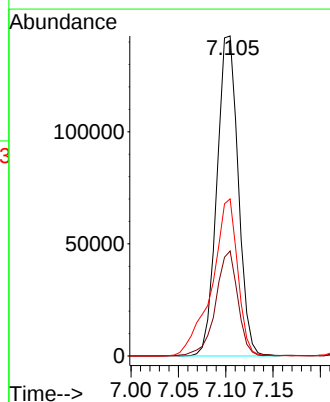
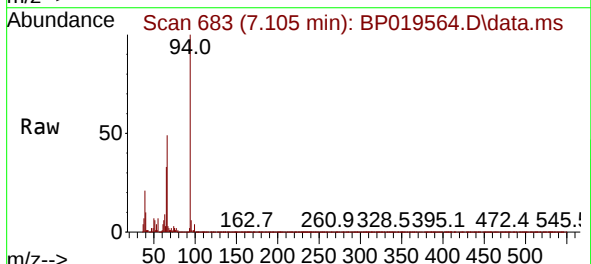
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

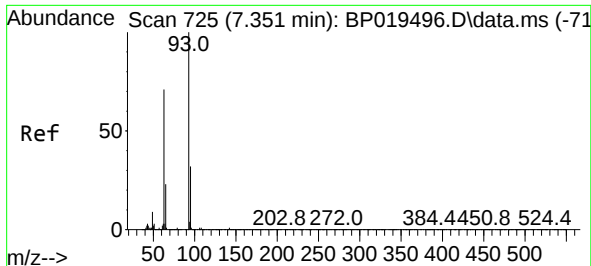
Tgt Ion: 77 Resp: 131163  
Ion Ratio Lower Upper  
77 100  
105 96.3 74.0 114.0  
106 87.3 67.8 107.8



#10  
Phenol  
Concen: 38.318 ng  
RT: 7.105 min Scan# 683  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion: 94 Resp: 223498  
Ion Ratio Lower Upper  
94 100  
65 32.8 11.3 51.3  
66 49.1 25.1 65.1

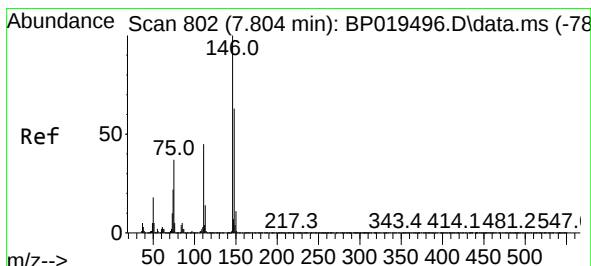
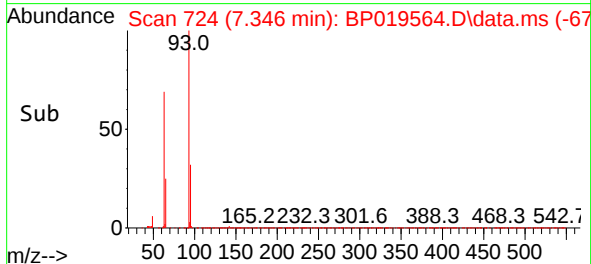
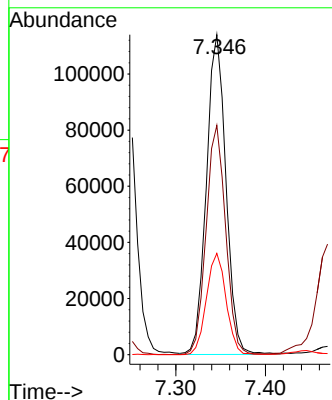
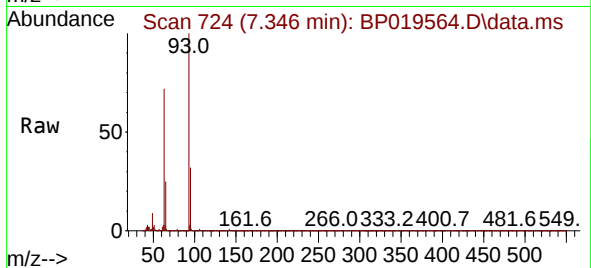




#11  
bis(2-Chloroethyl)ether  
Concen: 38.077 ng  
RT: 7.346 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

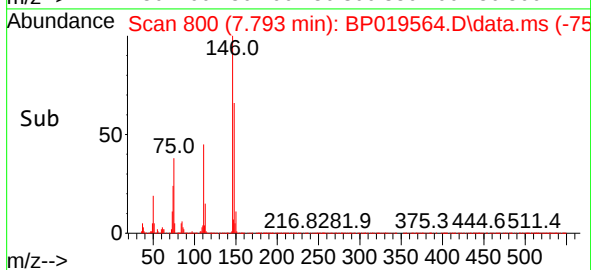
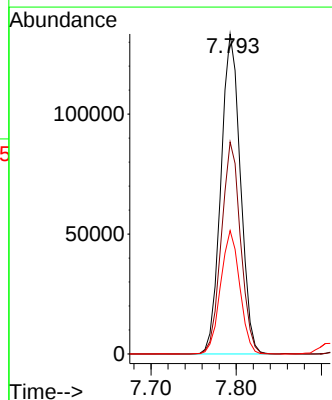
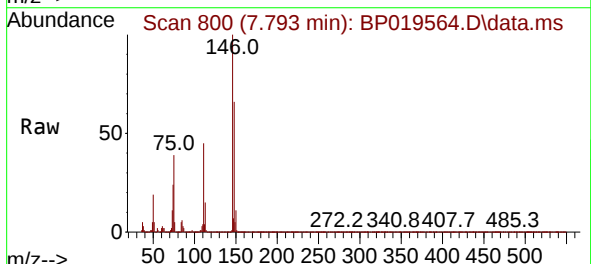
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 172788  
Ion Ratio Lower Upper  
93 100  
63 71.6 51.2 91.2  
95 31.6 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 38.757 ng  
RT: 7.793 min Scan# 800  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:146 Resp: 211319  
Ion Ratio Lower Upper  
146 100  
148 66.3 50.4 75.6  
75 38.6 29.9 44.9

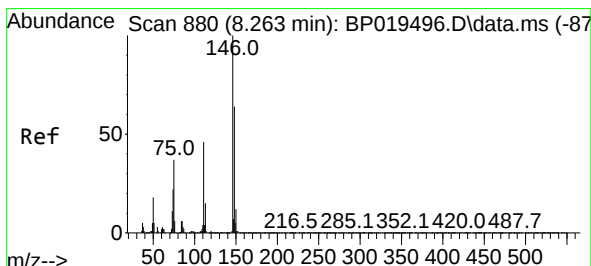
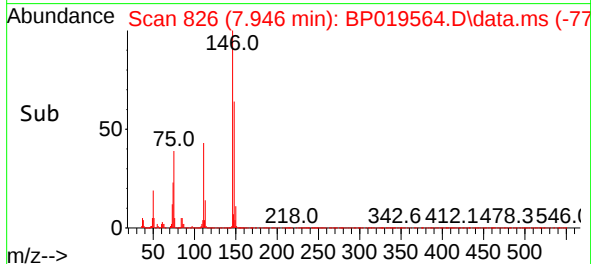
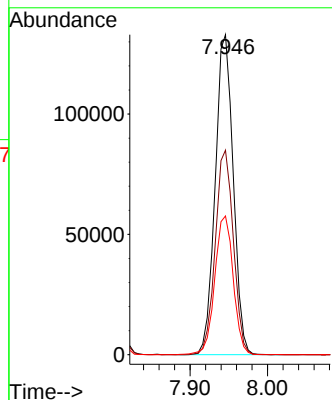
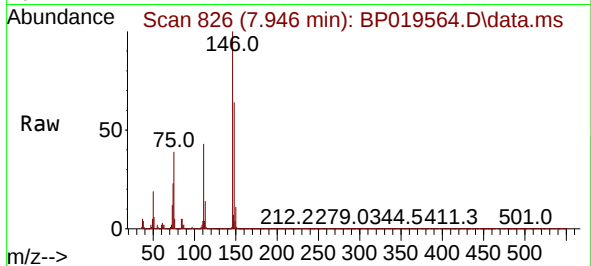




#13  
1,4-Dichlorobenzene  
Concen: 38.832 ng  
RT: 7.946 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

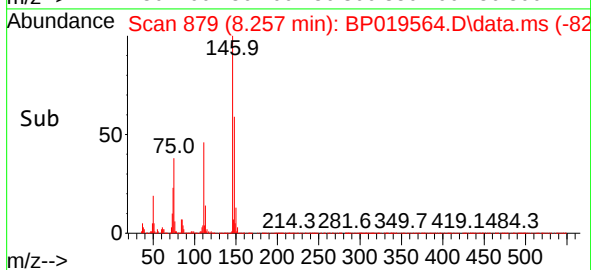
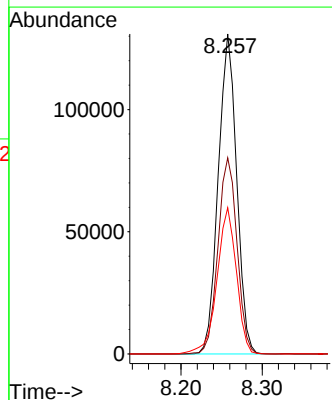
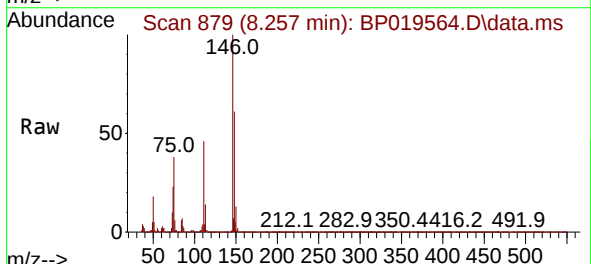
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

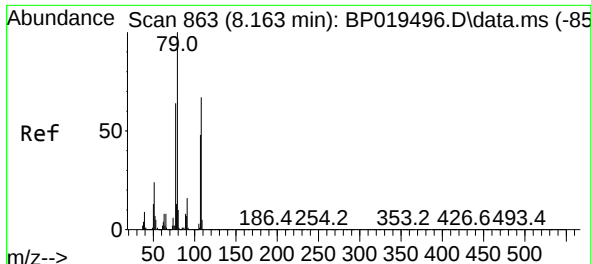
Tgt Ion:146 Resp: 214509  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.9 77.9  
111 43.4 35.8 53.6



#14  
1,2-Dichlorobenzene  
Concen: 38.664 ng  
RT: 8.257 min Scan# 879  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:146 Resp: 206652  
Ion Ratio Lower Upper  
146 100  
148 61.3 51.4 77.0  
111 45.7 37.0 55.6

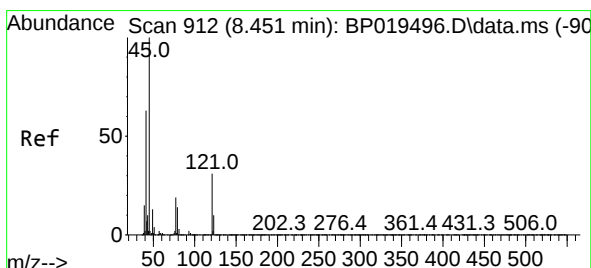
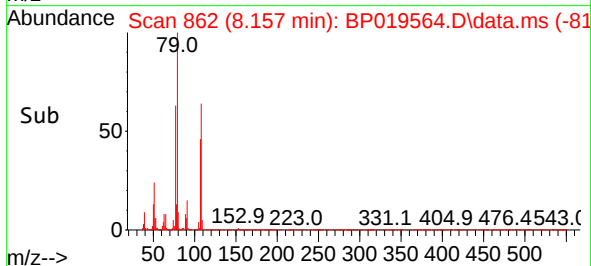
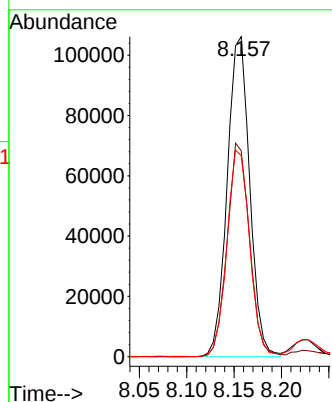
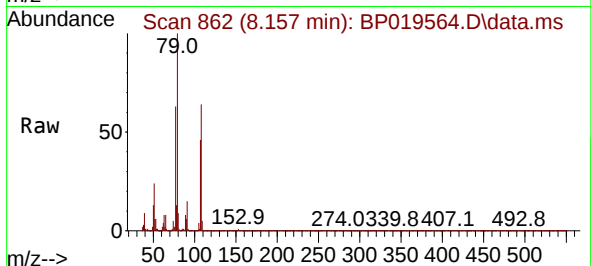




#15  
Benzyl Alcohol  
Concen: 37.423 ng  
RT: 8.157 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

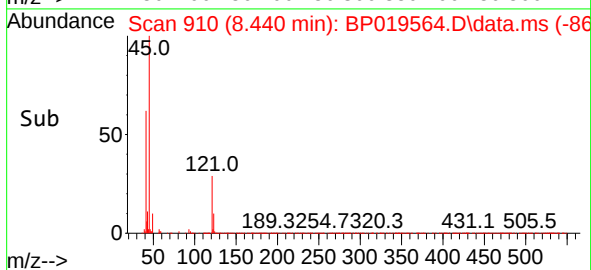
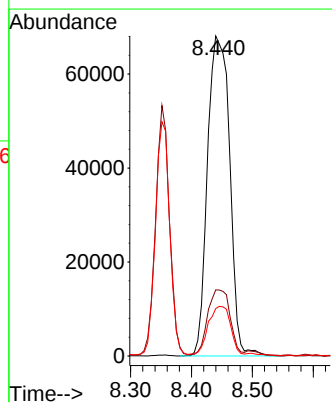
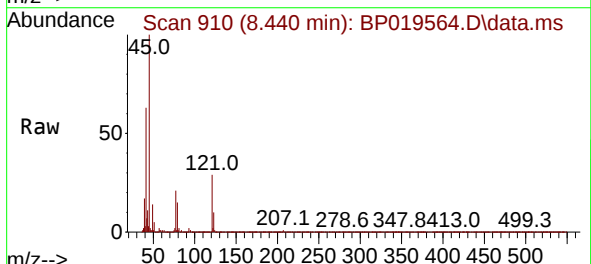
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

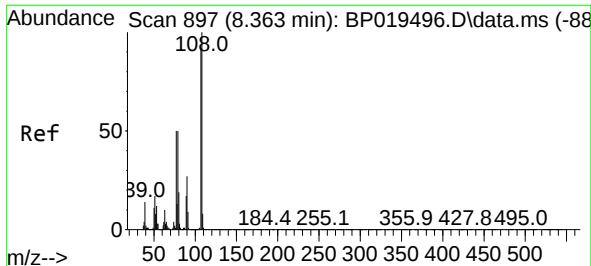
Tgt Ion: 79 Resp: 174988  
Ion Ratio Lower Upper  
79 100  
108 64.4 53.8 80.6  
77 62.8 51.3 76.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.949 ng  
RT: 8.440 min Scan# 910  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion: 45 Resp: 172204  
Ion Ratio Lower Upper  
45 100  
77 20.6 0.8 40.8  
79 14.8 0.0 35.5

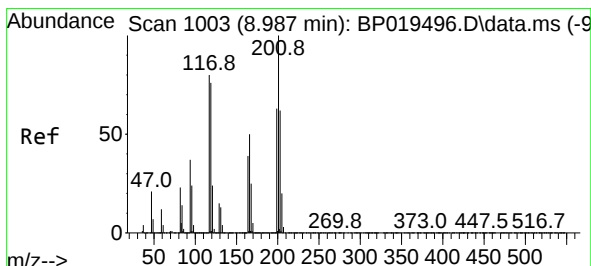
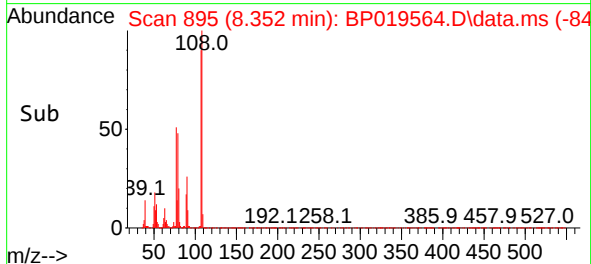
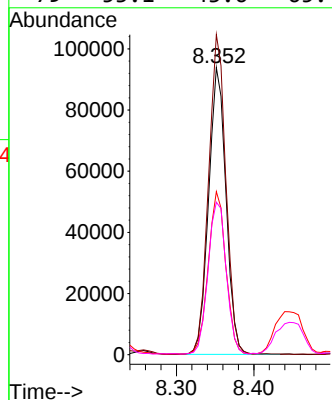
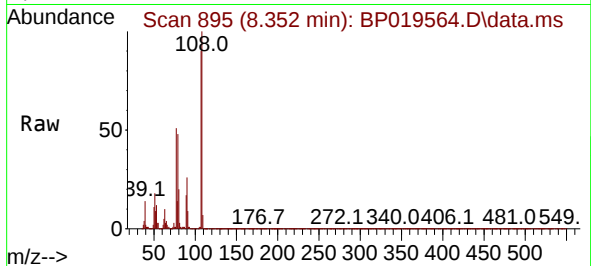




#17  
2-Methylphenol  
Concen: 37.270 ng  
RT: 8.352 min Scan# 895  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

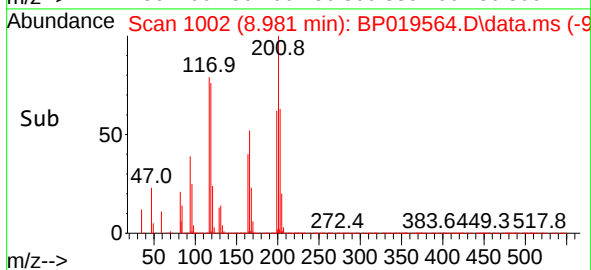
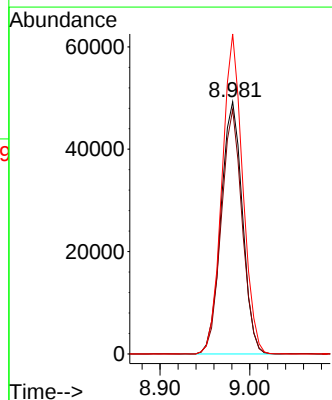
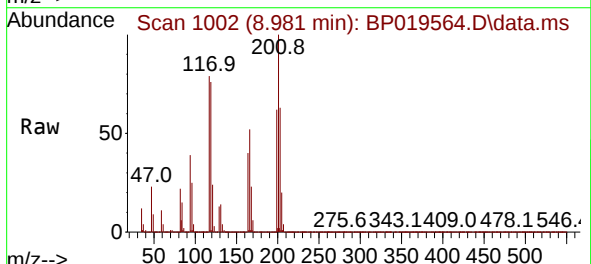
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

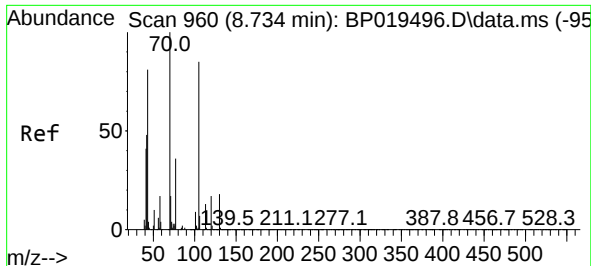
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 146355 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.5 | 87.0  | 130.6  |
| 77       | 56.8  | 43.5  | 65.3   |
| 79       | 53.1  | 43.6  | 65.4   |



#18  
Hexachloroethane  
Concen: 38.077 ng  
RT: 8.981 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 81529 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.9  | 75.5  | 113.3 |
| 201      | 126.9 | 99.4  | 149.2 |



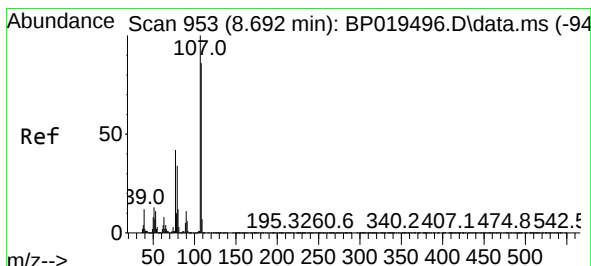
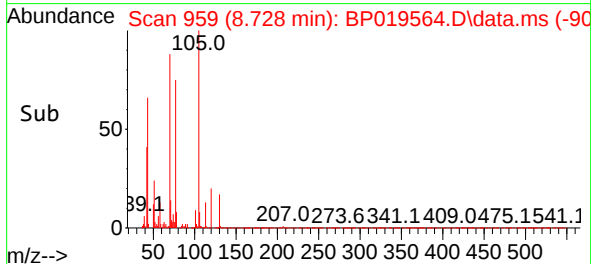
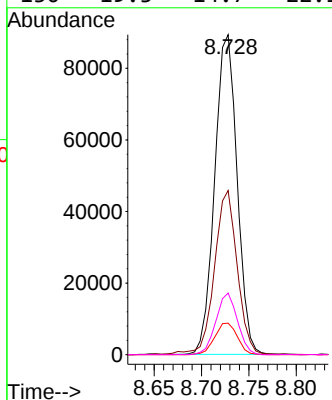
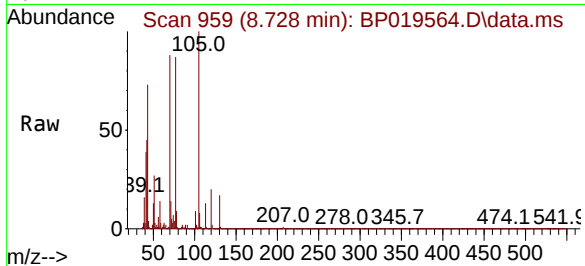


#19  
n-Nitroso-di-n-propylamine  
Concen: 36.820 ng  
RT: 8.728 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 147182

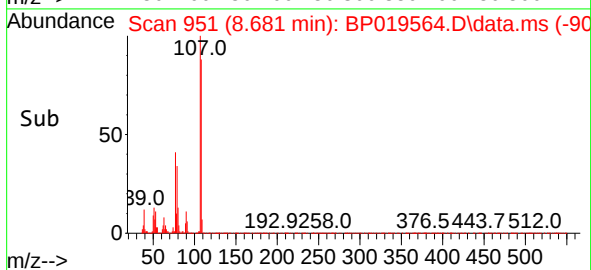
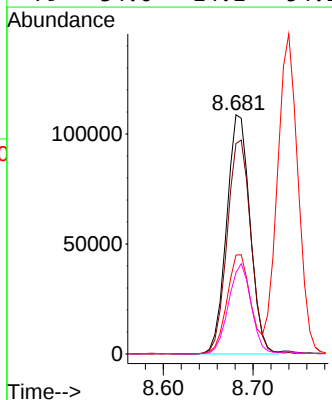
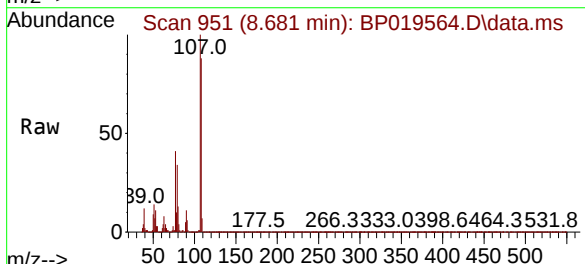
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 51.3  | 39.2  | 58.8  |
| 101 | 9.9   | 7.3   | 10.9  |
| 130 | 19.3  | 14.7  | 22.1  |

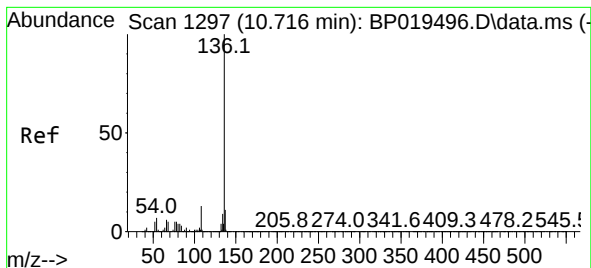


#20  
3+4-Methylphenols  
Concen: 36.711 ng  
RT: 8.681 min Scan# 951  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion: 107 Resp: 196742

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.9  | 65.5  | 105.5 |
| 77  | 41.3  | 21.8  | 61.8  |
| 79  | 34.0  | 14.1  | 54.1  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.710 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 254210

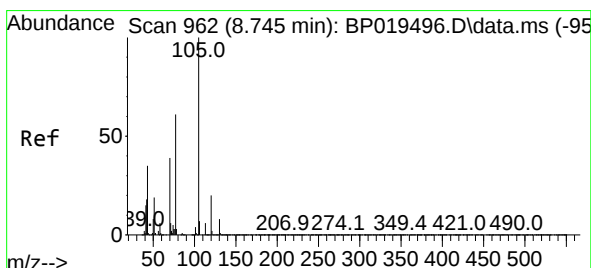
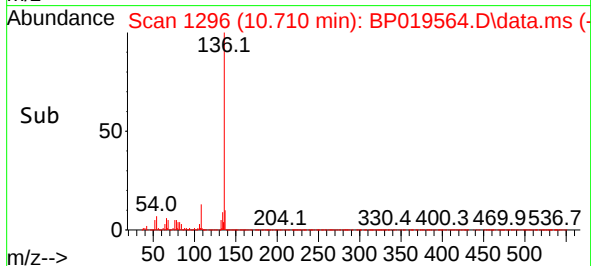
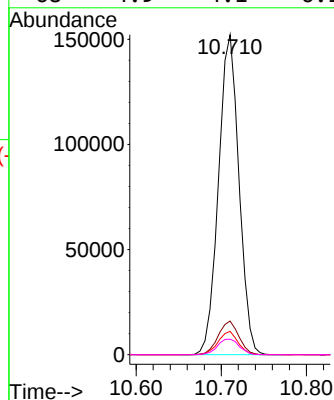
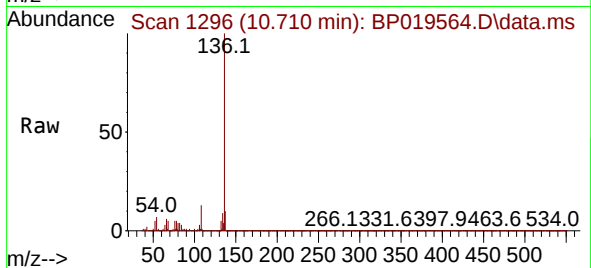
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.3 5.3 7.9

68 4.9 4.1 6.1



#22

Acetophenone

Concen: 38.759 ng

RT: 8.740 min Scan# 961

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Tgt Ion:105 Resp: 280693

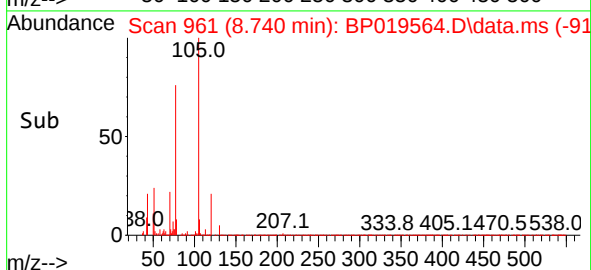
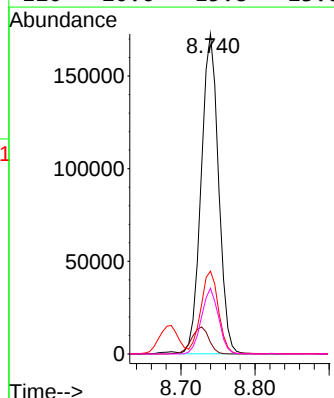
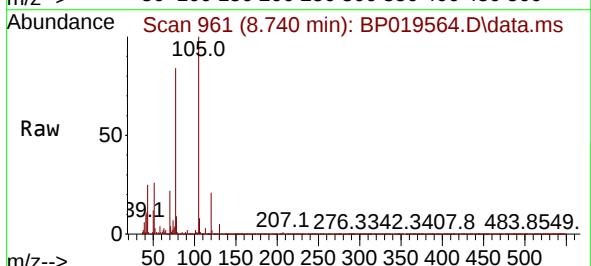
Ion Ratio Lower Upper

105 100

71 3.6 4.9 7.3#

51 25.9 20.7 31.1

120 20.6 15.8 23.8





#23

Nitrobenzene-d5

Concen: 78.660 ng

RT: 9.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

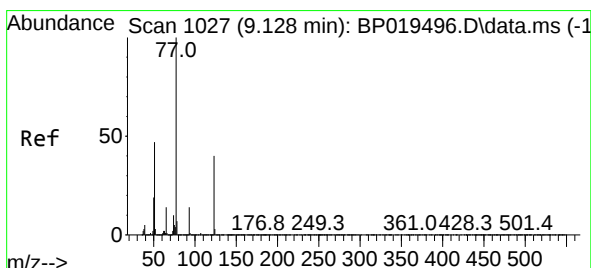
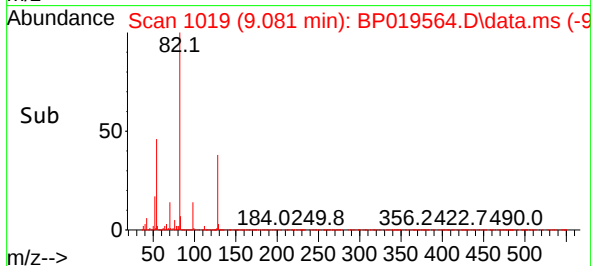
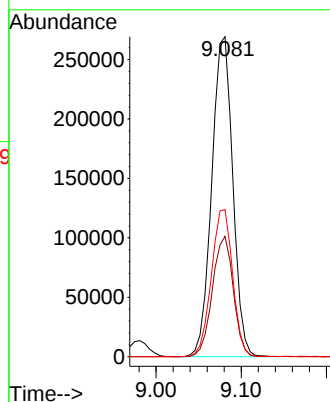
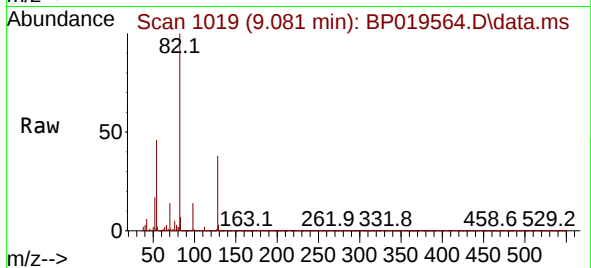
Tgt Ion: 82 Resp: 461470

Ion Ratio Lower Upper

82 100

128 37.6 29.7 44.5

54 46.0 36.8 55.2



#24

Nitrobenzene

Concen: 39.544 ng

RT: 9.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

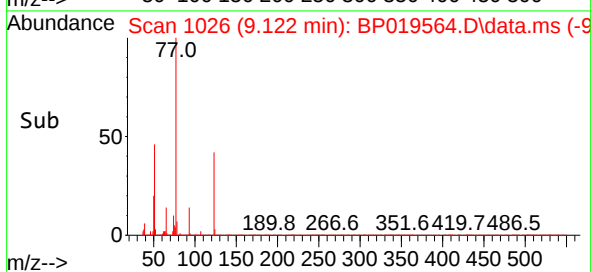
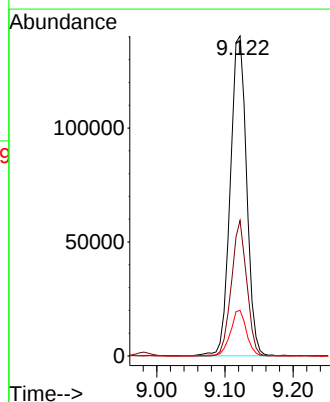
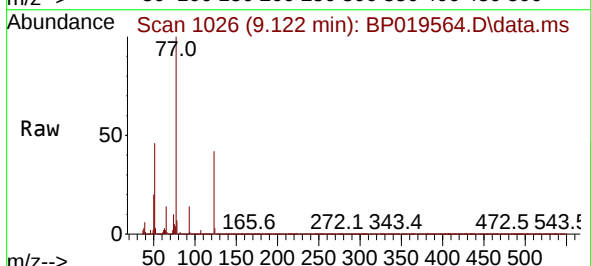
Tgt Ion: 77 Resp: 233577

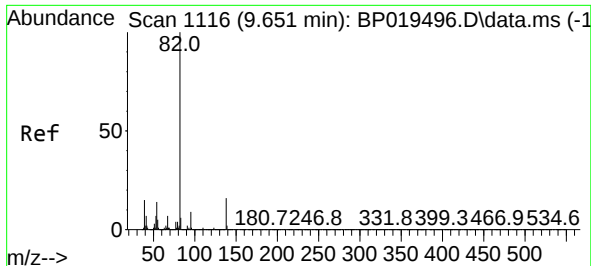
Ion Ratio Lower Upper

77 100

123 42.3 32.3 48.5

65 14.2 11.6 17.4

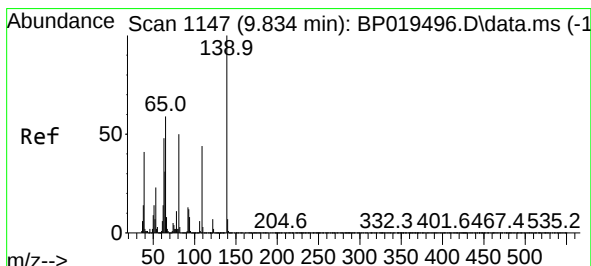
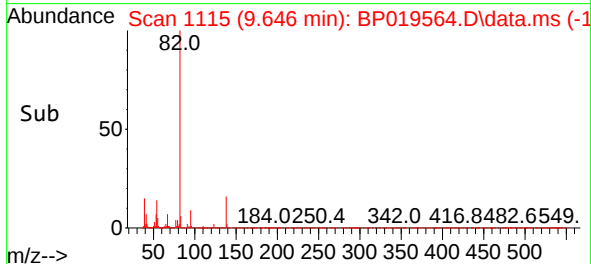
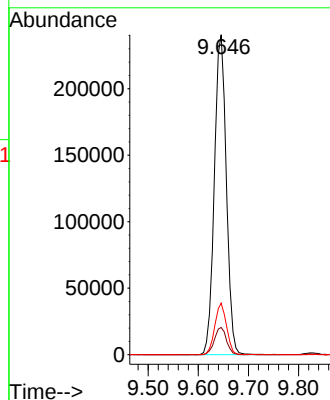
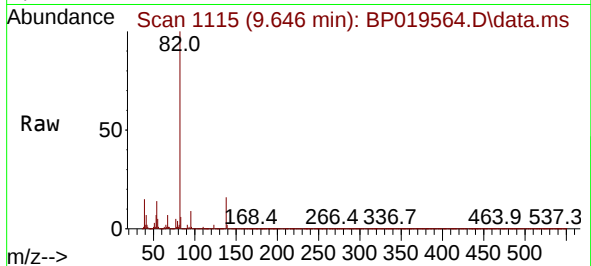




#25  
Isophorone  
Concen: 38.985 ng  
RT: 9.646 min Scan# 1115  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

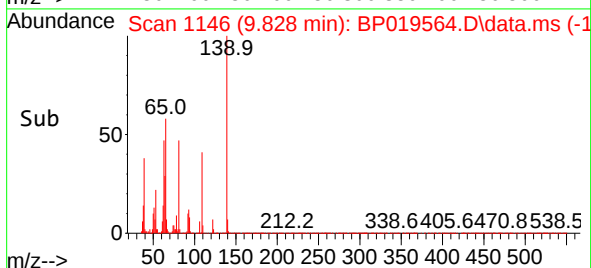
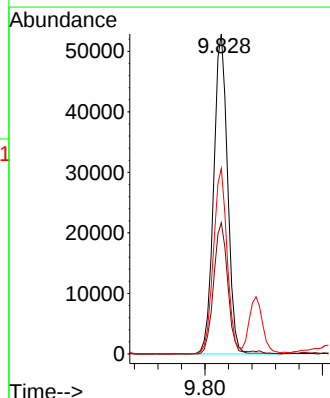
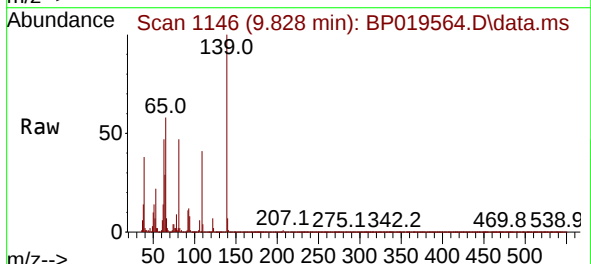
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

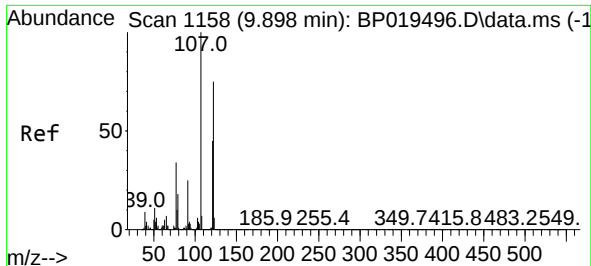
Tgt Ion: 82 Resp: 398314  
Ion Ratio Lower Upper  
82 100  
95 8.5 7.0 10.4  
138 16.1 13.1 19.7



#26  
2-Nitrophenol  
Concen: 38.423 ng  
RT: 9.828 min Scan# 1146  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion: 139 Resp: 86537  
Ion Ratio Lower Upper  
139 100  
109 41.0 34.9 52.3  
65 58.0 47.5 71.3

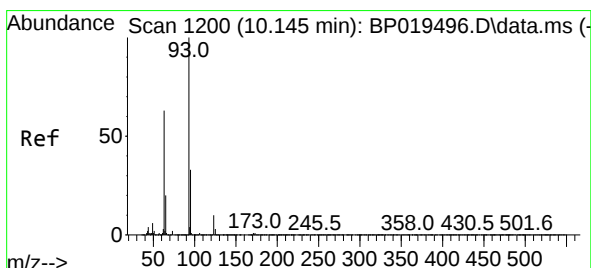
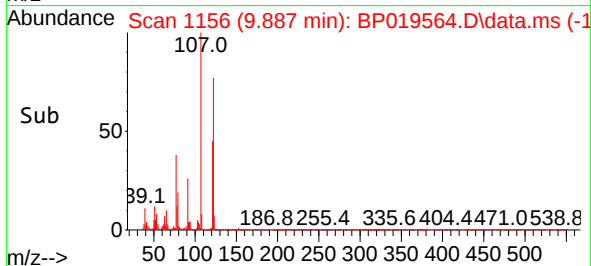
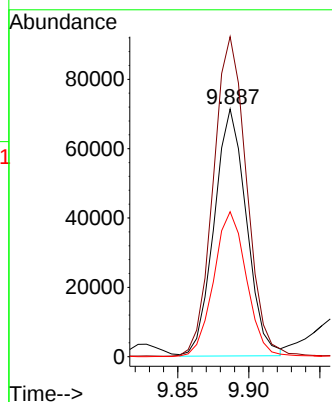
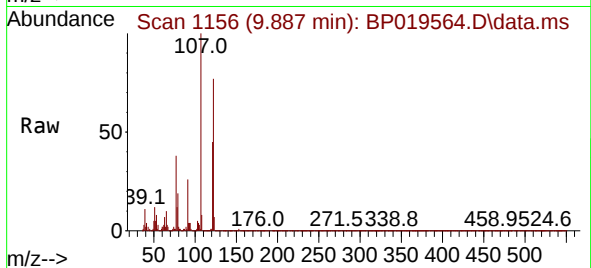




#27  
2,4-Dimethylphenol  
Concen: 39.126 ng  
RT: 9.887 min Scan# 1156  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

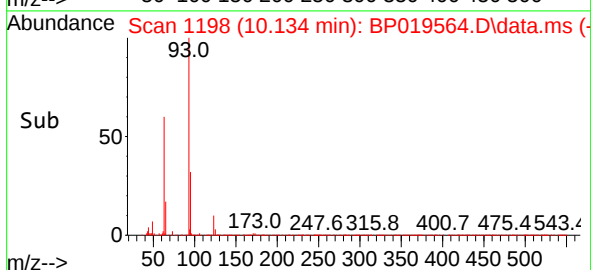
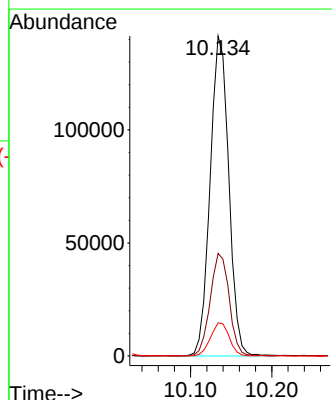
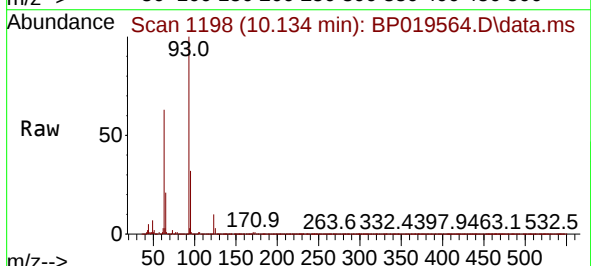
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

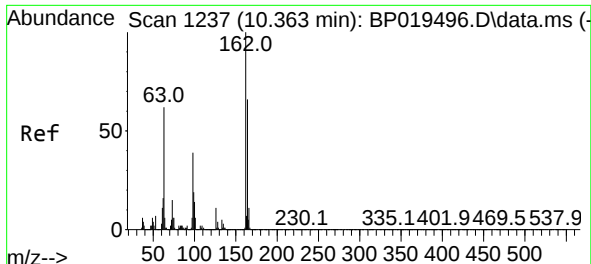
Tgt Ion:122 Resp: 112680  
Ion Ratio Lower Upper  
122 100  
107 129.2 105.9 158.9  
121 58.5 47.5 71.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.053 ng  
RT: 10.134 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion: 93 Resp: 225758  
Ion Ratio Lower Upper  
93 100  
95 32.0 26.2 39.4  
123 10.3 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 39.688 ng

RT: 10.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

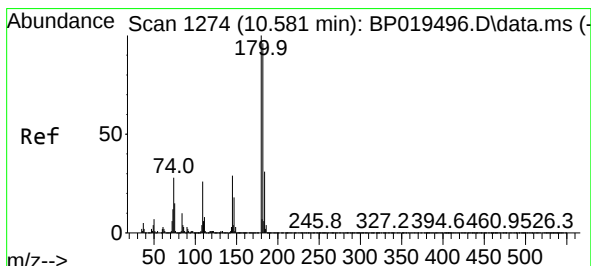
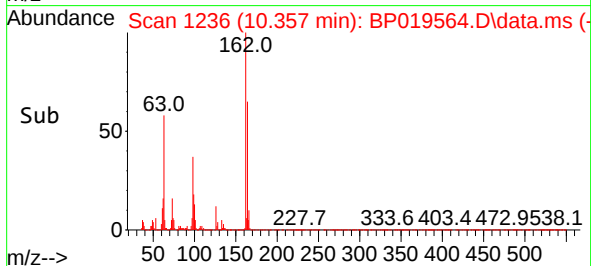
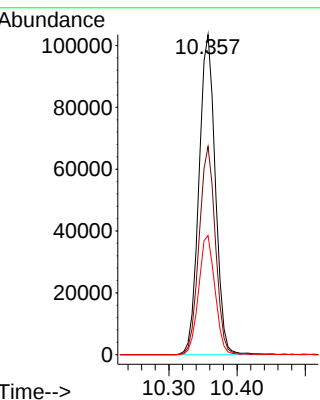
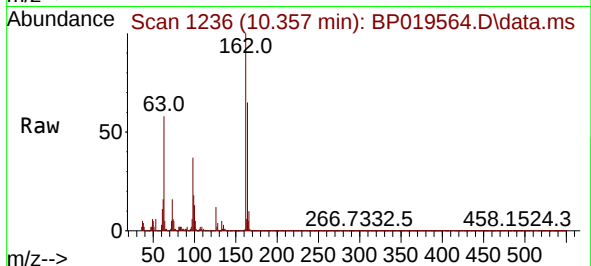
Tgt Ion:162 Resp: 172777

Ion Ratio Lower Upper

162 100

164 65.1 46.0 86.0

98 37.2 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 40.490 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.012 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

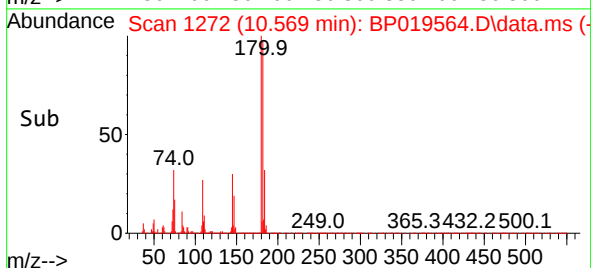
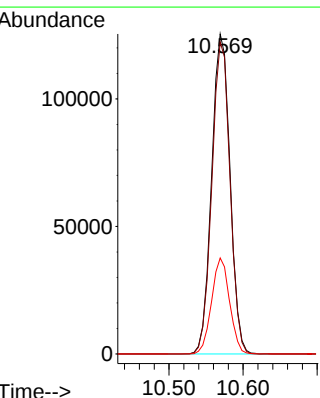
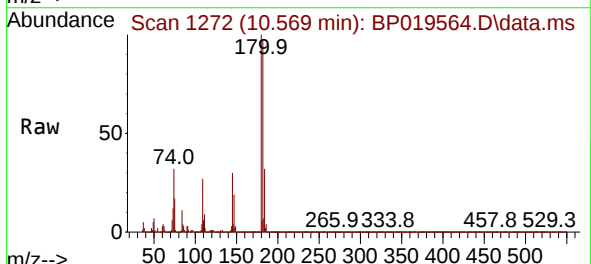
Tgt Ion:180 Resp: 216127

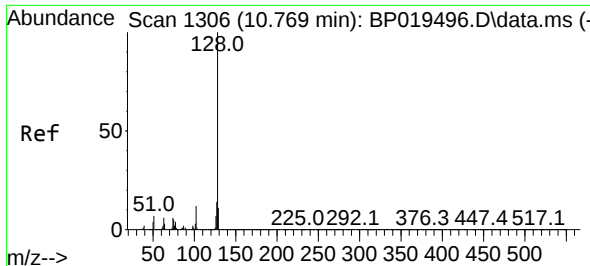
Ion Ratio Lower Upper

180 100

182 97.5 77.0 115.6

145 30.0 23.2 34.8

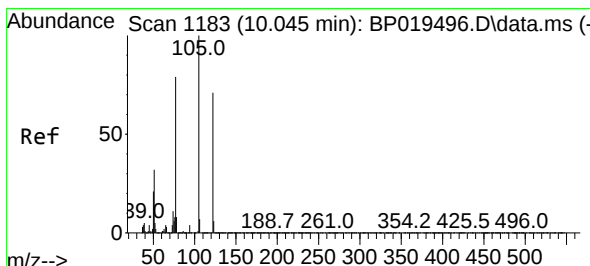
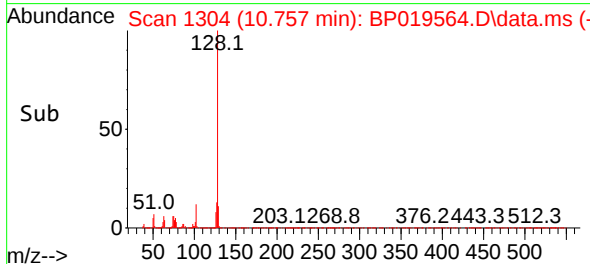
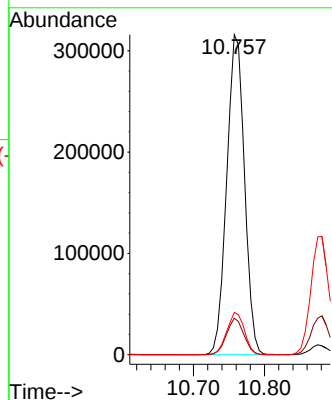
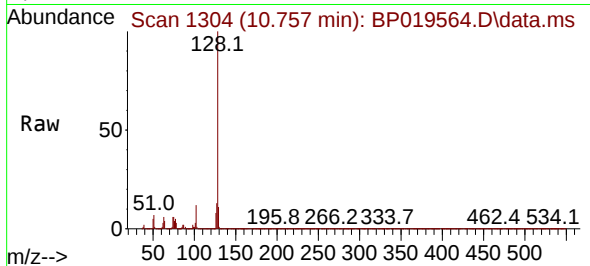




#31  
Naphthalene  
Concen: 39.322 ng  
RT: 10.757 min Scan# 1178  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

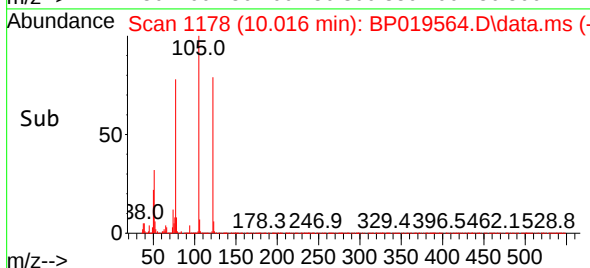
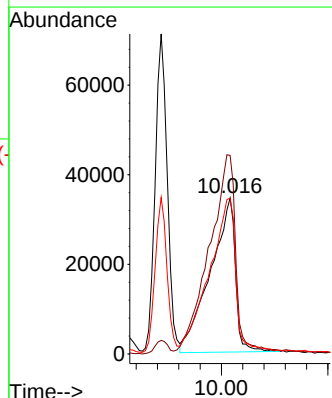
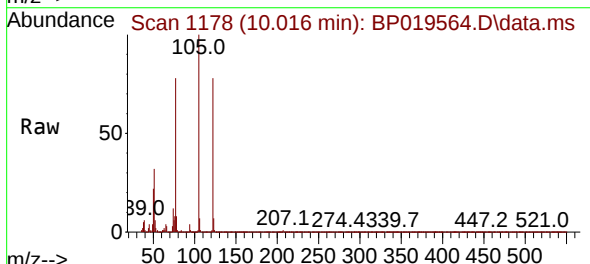
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

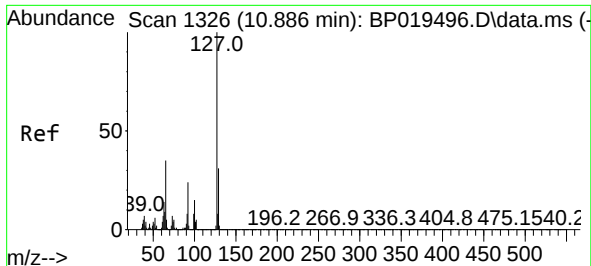
Tgt Ion:128 Resp: 548233  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.6 13.0  
127 13.2 10.8 16.2



#32  
Benzoic acid  
Concen: 40.024 ng  
RT: 10.016 min Scan# 1178  
Delta R.T. -0.029 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:122 Resp: 112304  
Ion Ratio Lower Upper  
122 100  
105 127.4 118.8 158.8  
77 100.0 91.7 131.7

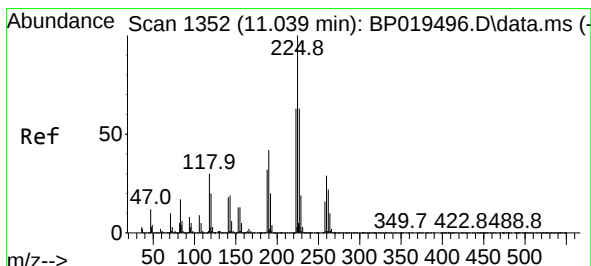
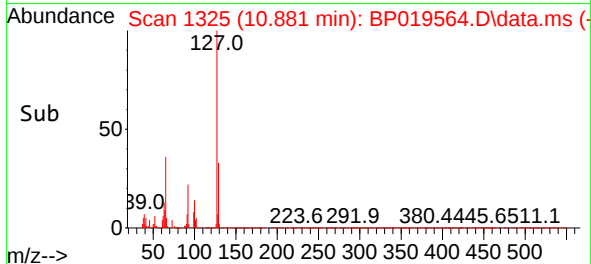
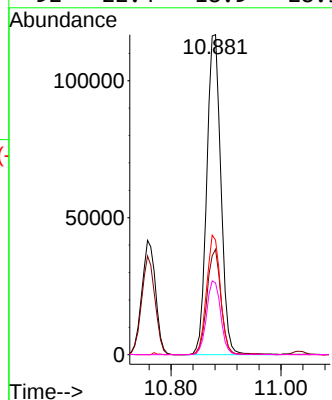
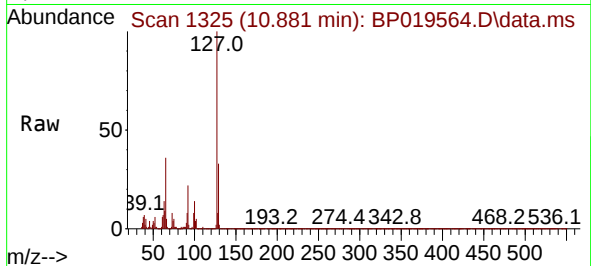




#33  
4-Chloroaniline  
Concen: 40.409 ng  
RT: 10.881 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

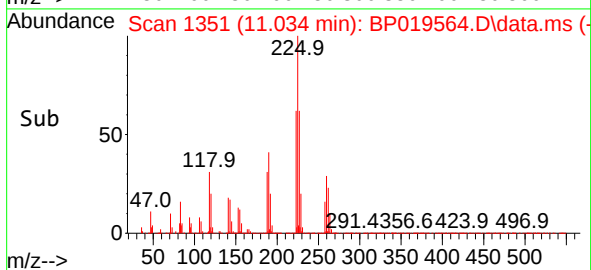
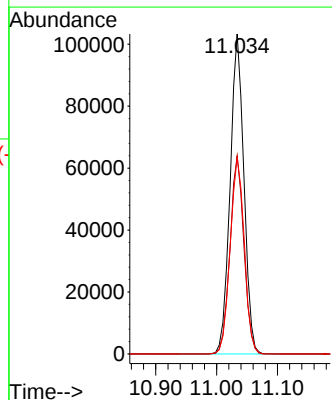
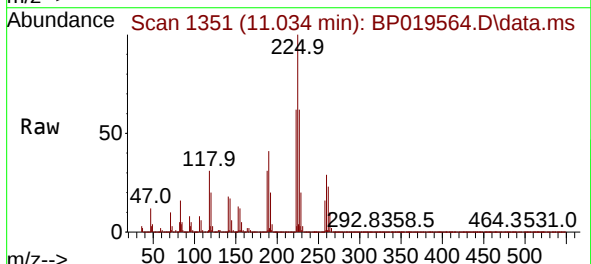
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

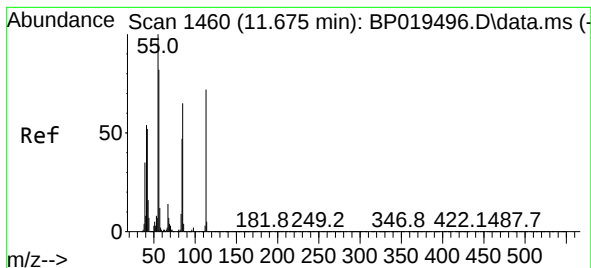
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 208352 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 24.6  | 36.8   |
| 65       | 35.8  | 28.2  | 42.4   |
| 92       | 22.4  | 18.9  | 28.3   |



#34  
Hexachlorobutadiene  
Concen: 41.021 ng  
RT: 11.034 min Scan# 1351  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 162259 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.8  | 50.5  | 75.7   |
| 227      | 61.6  | 50.2  | 75.2   |

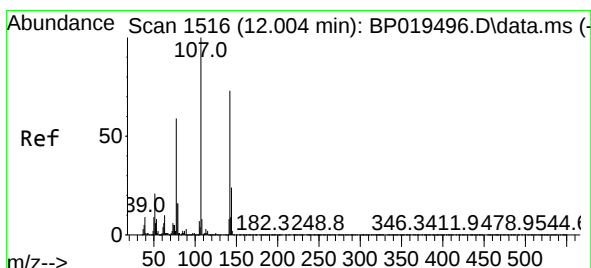
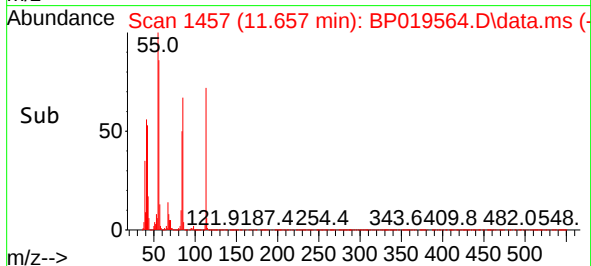
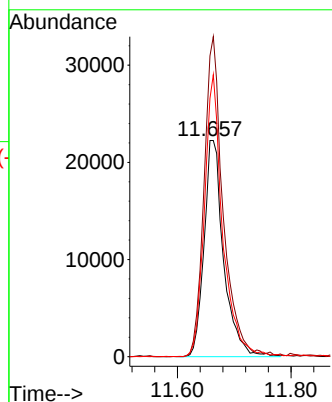
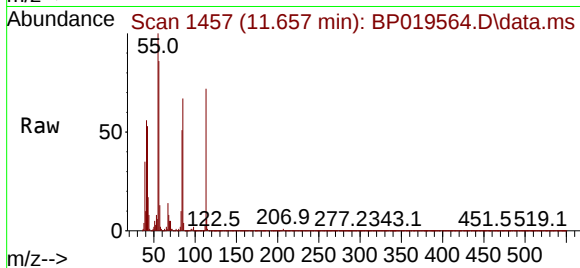




#35  
 Caprolactam  
 Concen: 43.060 ng  
 RT: 11.657 min Scan# 1460  
 Delta R.T. -0.017 min  
 Lab File: BP019564.D  
 Acq: 06 Feb 2024 09:30

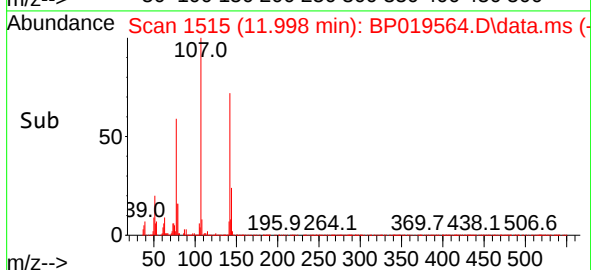
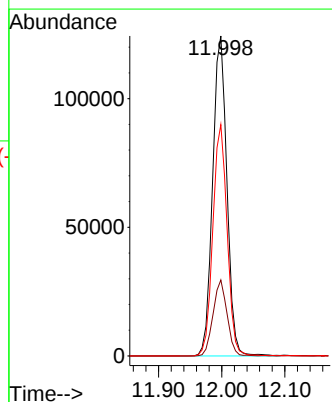
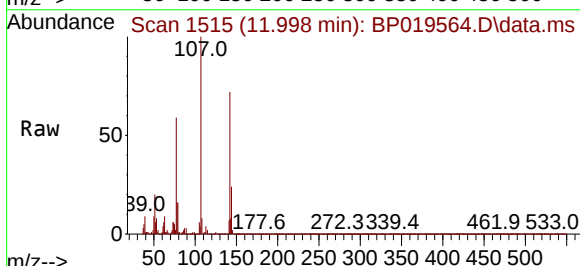
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

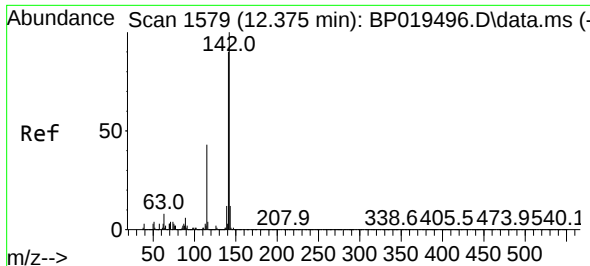
Tgt Ion:113 Resp: 53068  
 Ion Ratio Lower Upper  
 113 100  
 55 139.1 120.0 160.0  
 56 119.4 94.0 134.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.092 ng  
 RT: 11.998 min Scan# 1515  
 Delta R.T. -0.006 min  
 Lab File: BP019564.D  
 Acq: 06 Feb 2024 09:30

Tgt Ion:107 Resp: 195062  
 Ion Ratio Lower Upper  
 107 100  
 144 23.8 19.0 28.4  
 142 72.3 58.6 88.0

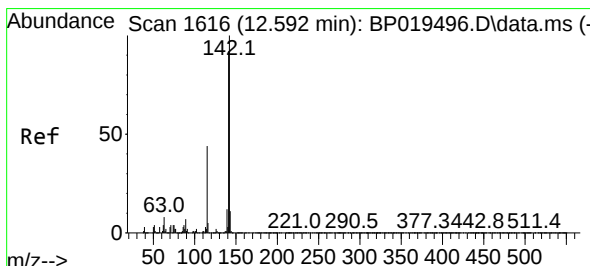
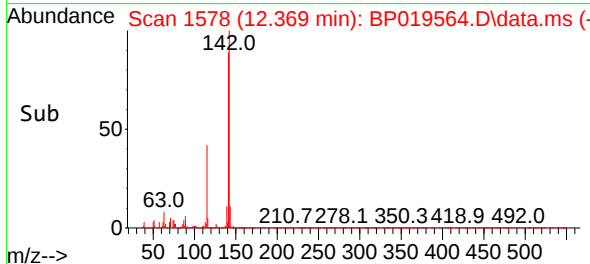
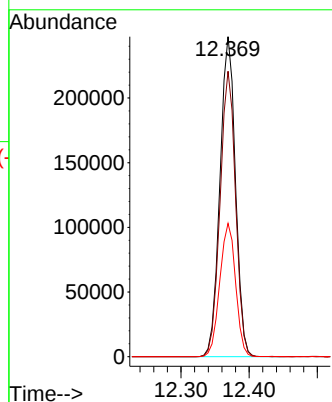
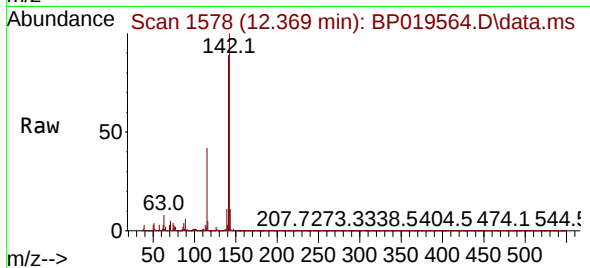




#37  
2-Methylnaphthalene  
Concen: 40.600 ng  
RT: 12.369 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

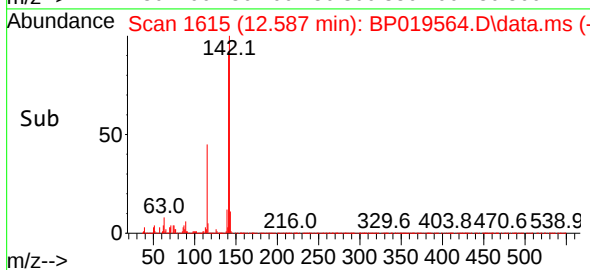
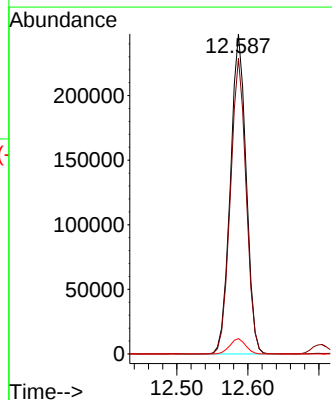
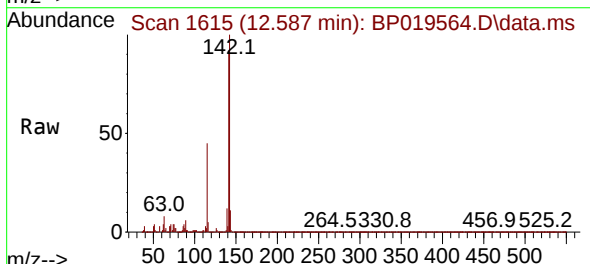
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BNA\_P  
ClientSampleId :  
SSTDCCC040

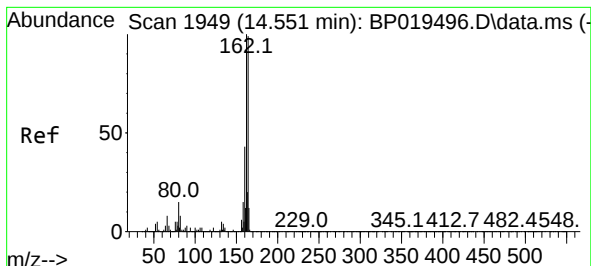
Tgt Ion:142 Resp: 391735  
Ion Ratio Lower Upper  
142 100  
141 89.2 72.2 108.4  
115 41.7 34.2 51.2



#38  
1-Methylnaphthalene  
Concen: 40.345 ng  
RT: 12.587 min Scan# 1615  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:142 Resp: 382549  
Ion Ratio Lower Upper  
142 100  
141 92.4 74.0 111.0  
116 4.8 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

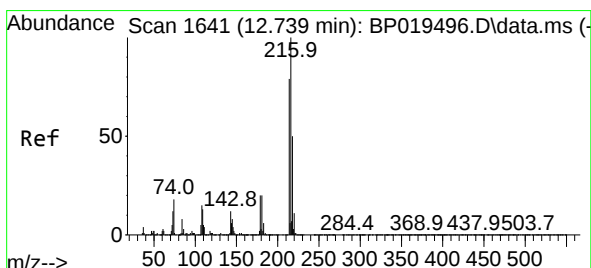
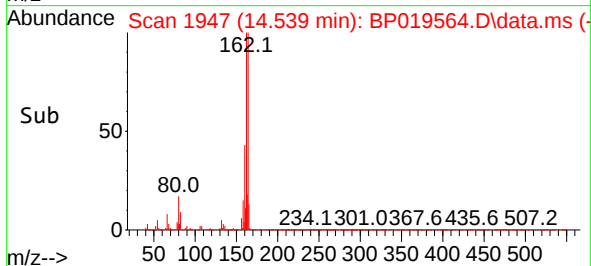
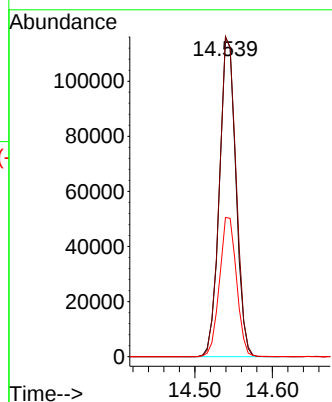
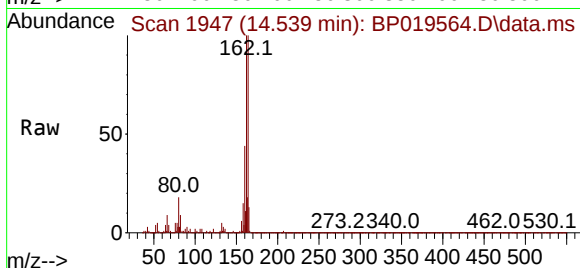
Tgt Ion:164 Resp: 170784

Ion Ratio Lower Upper

164 100

162 100.0 81.2 121.8

160 43.5 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.182 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Tgt Ion:216 Resp: 251487

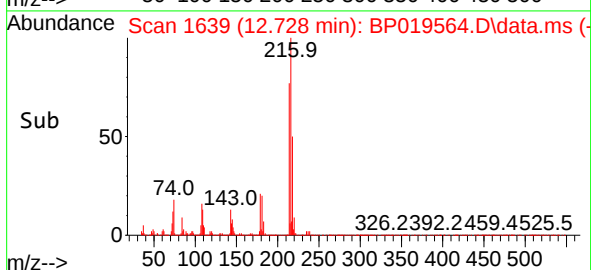
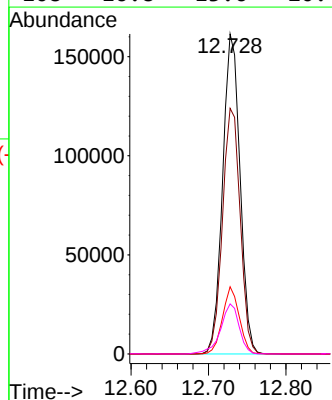
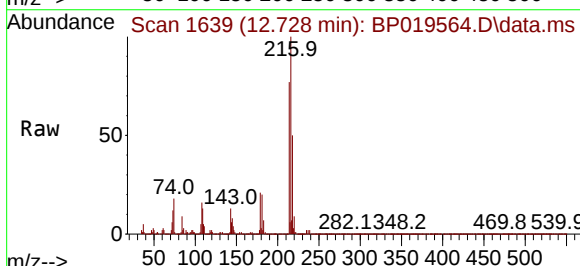
Ion Ratio Lower Upper

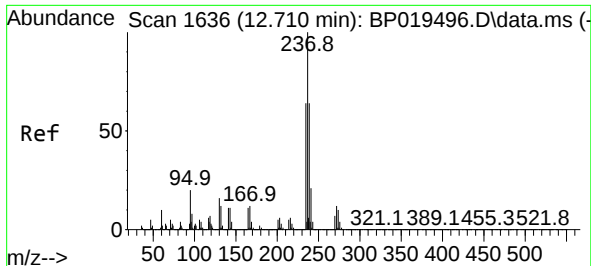
216 100

214 78.2 62.8 94.2

179 20.2 16.6 24.8

108 16.8 13.6 20.4

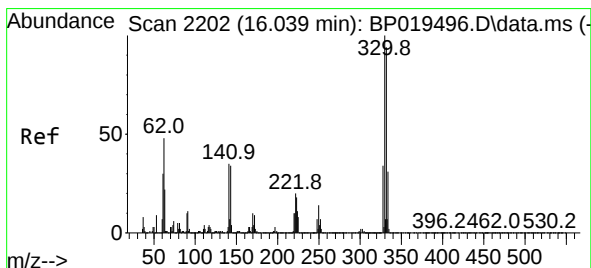
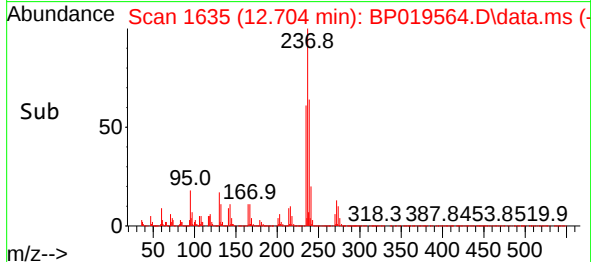
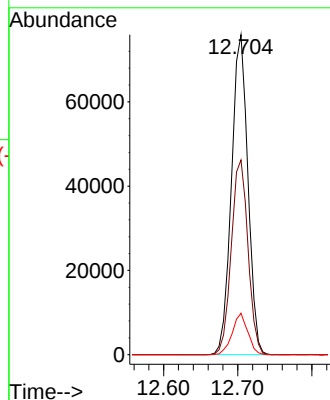
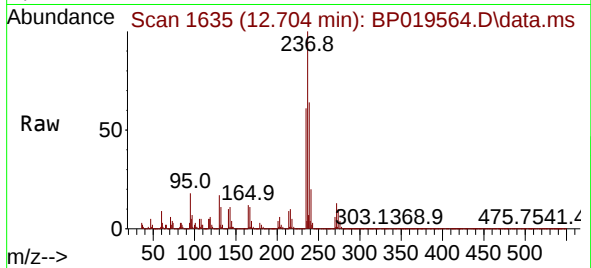




#41  
Hexachlorocyclopentadiene  
Concen: 39.242 ng  
RT: 12.704 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

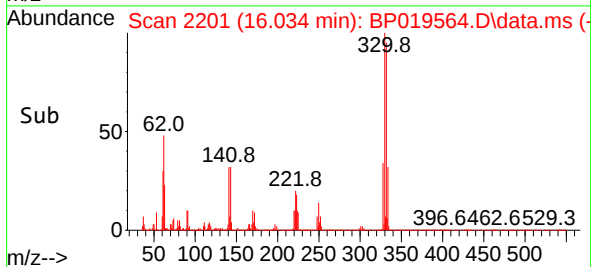
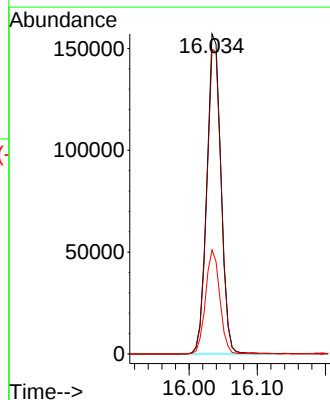
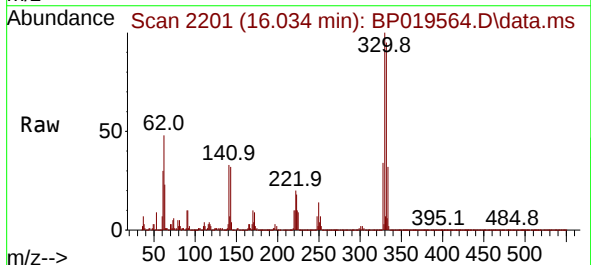
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

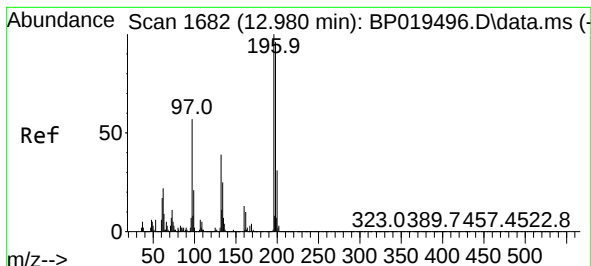
Tgt Ion:237 Resp: 116762  
Ion Ratio Lower Upper  
237 100  
235 60.8 43.7 83.7  
272 12.9 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 91.115 ng  
RT: 16.034 min Scan# 2201  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:330 Resp: 227201  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.2 115.8  
141 32.7 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 39.052 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

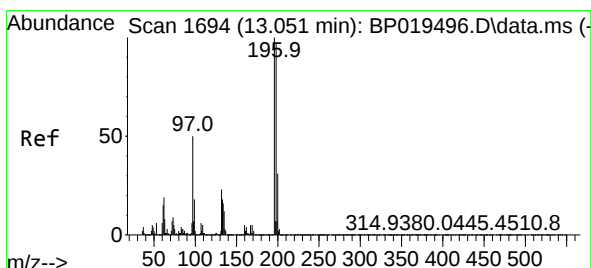
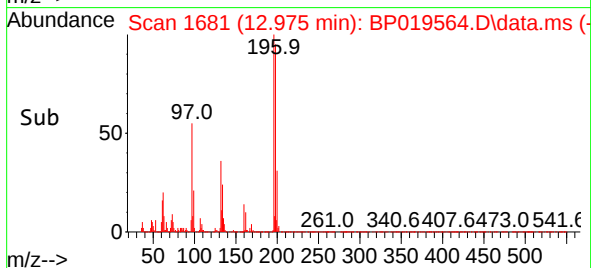
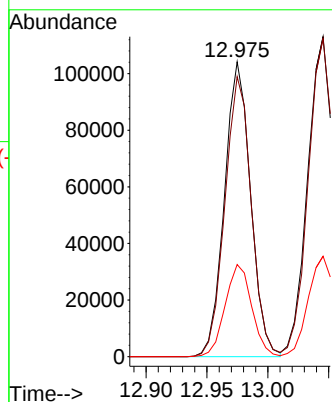
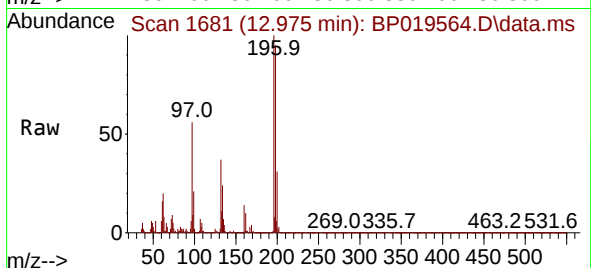
Tgt Ion:196 Resp: 155751

Ion Ratio Lower Upper

196 100

198 94.9 76.7 115.1

200 31.3 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 39.654 ng

RT: 13.045 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Tgt Ion:196 Resp: 173664

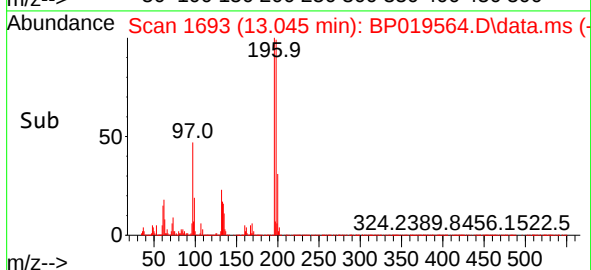
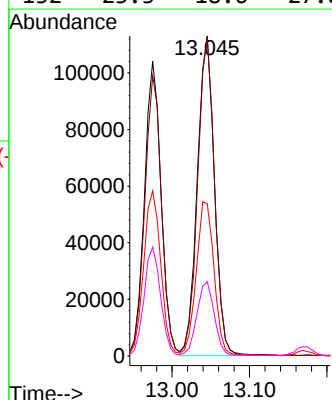
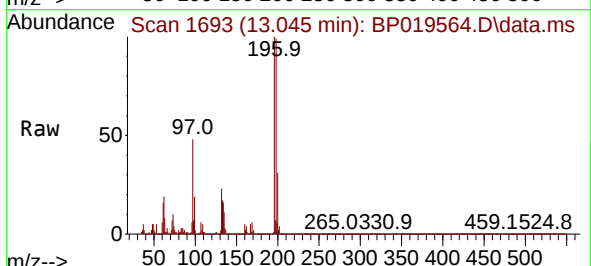
Ion Ratio Lower Upper

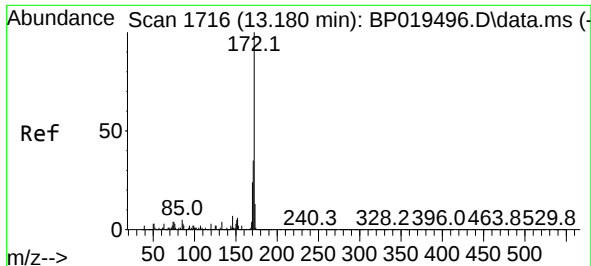
196 100

198 99.5 77.5 116.3

97 47.6 39.9 59.9

132 23.3 18.6 27.8

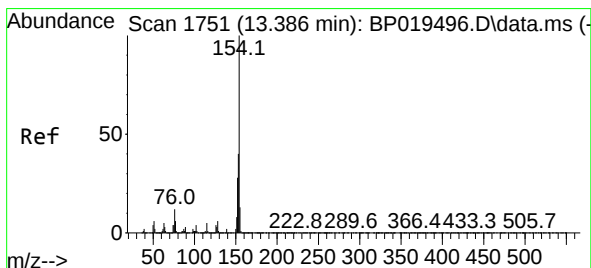
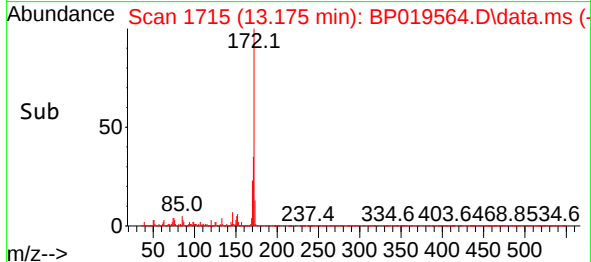
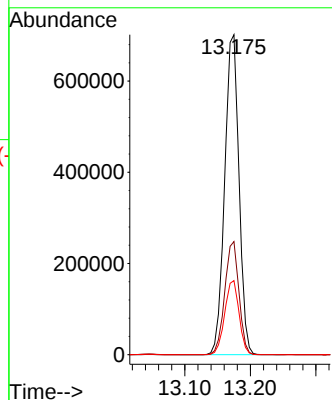
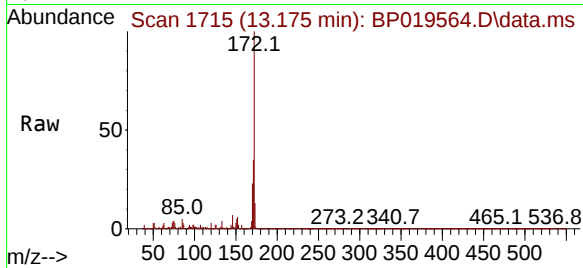




#45  
2-Fluorobiphenyl  
Concen: 76.577 ng  
RT: 13.175 min Scan# 1715  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

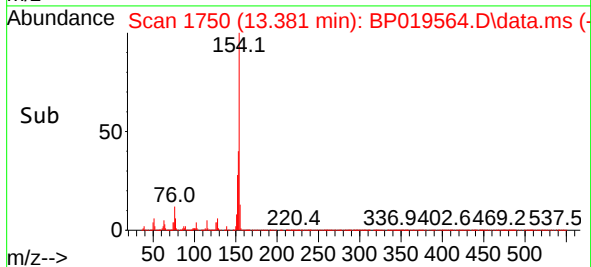
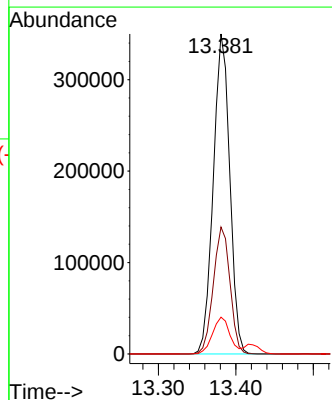
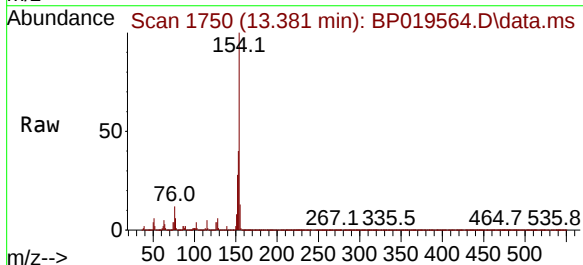
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

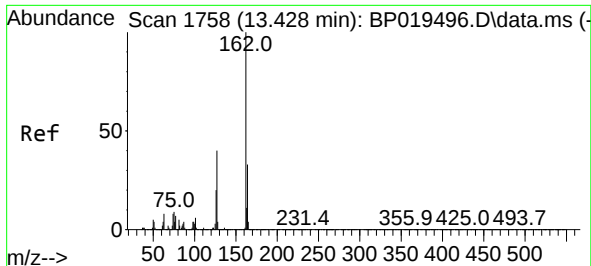
Tgt Ion:172 Resp: 1057912  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.4  
170 23.2 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 37.960 ng  
RT: 13.381 min Scan# 1750  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:154 Resp: 517420  
Ion Ratio Lower Upper  
154 100  
153 39.6 20.2 60.2  
76 11.5 0.0 31.6

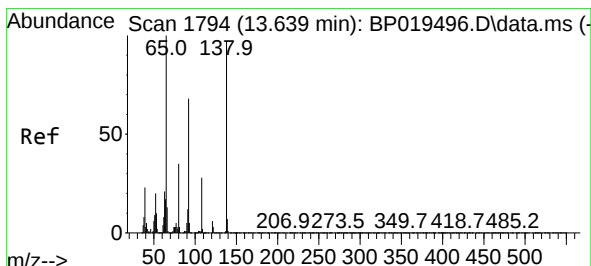
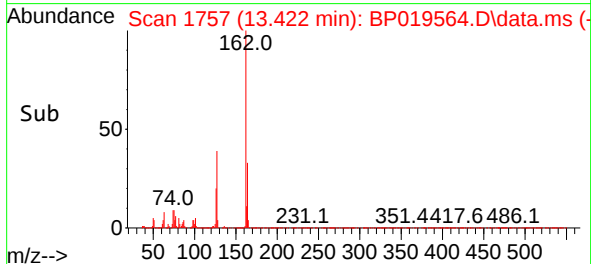
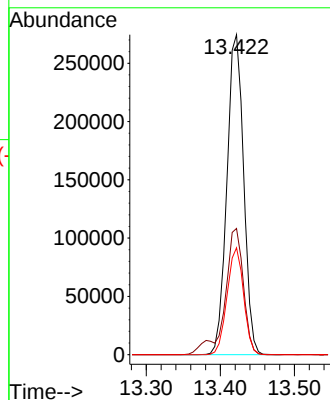
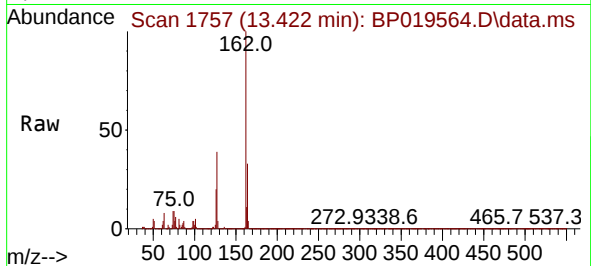




#47  
2-Chloronaphthalene  
Concen: 38.437 ng  
RT: 13.422 min Scan# 1757  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

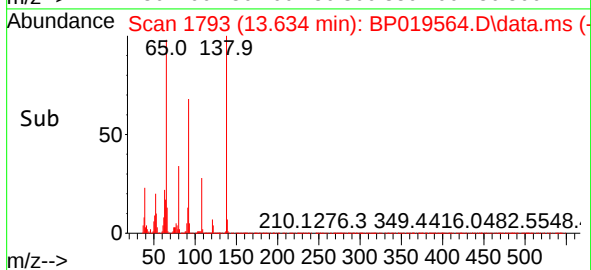
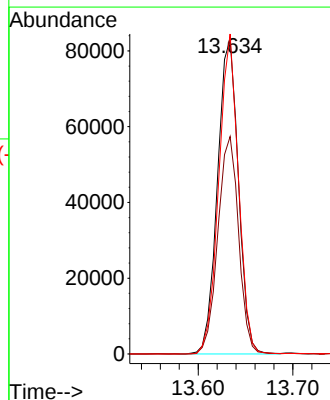
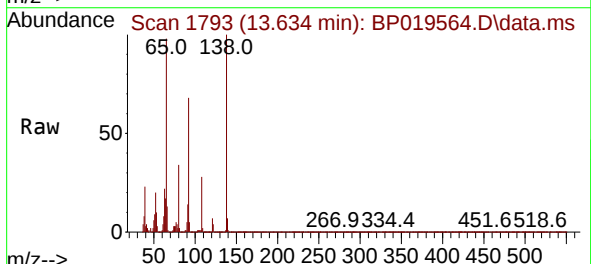
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

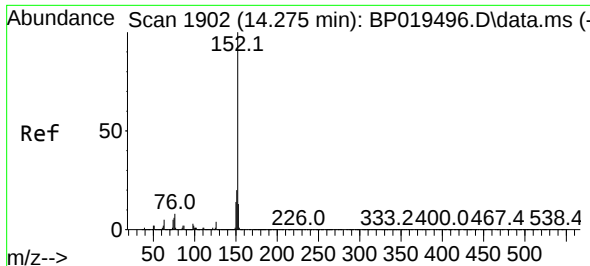
Tgt Ion:162 Resp: 430089  
Ion Ratio Lower Upper  
162 100  
127 39.4 32.1 48.1  
164 33.4 26.7 40.1



#48  
2-Nitroaniline  
Concen: 40.633 ng  
RT: 13.634 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion: 65 Resp: 127132  
Ion Ratio Lower Upper  
65 100  
92 69.1 54.7 82.1  
138 101.7 77.8 116.6

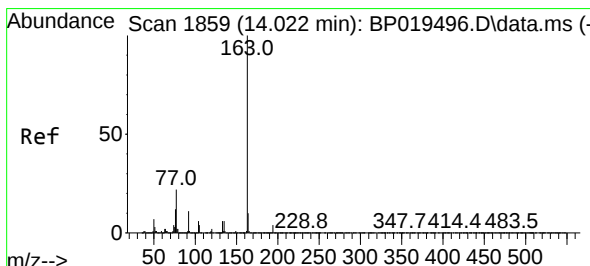
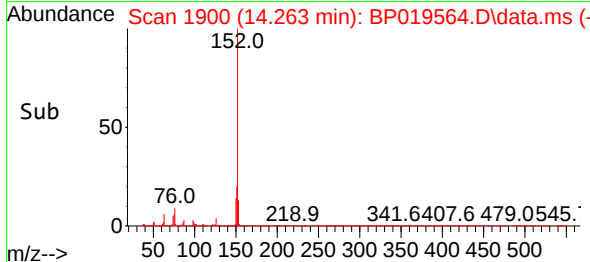
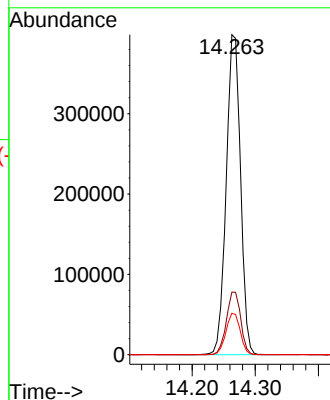
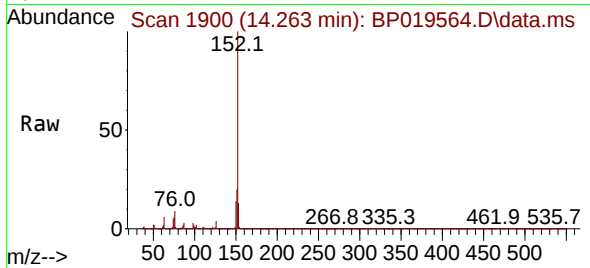




#49  
Acenaphthylene  
Concen: 39.813 ng  
RT: 14.263 min Scan# 1902  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

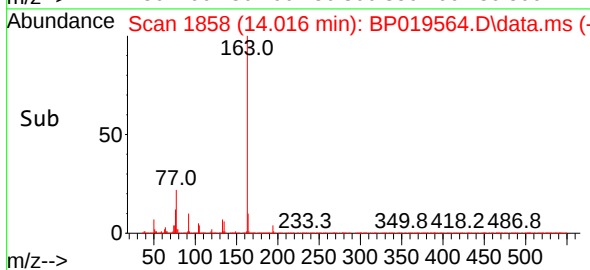
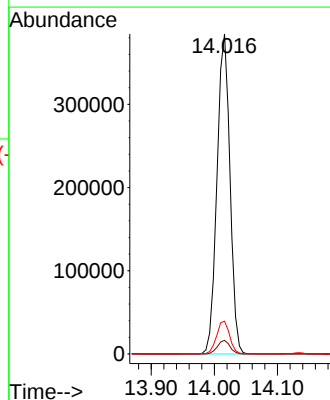
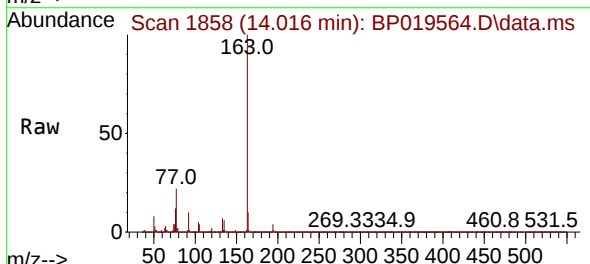
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

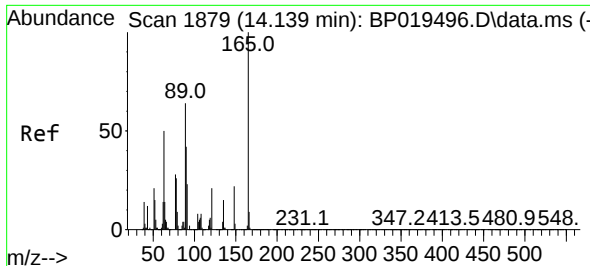
Tgt Ion:152 Resp: 624994  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.8 23.6  
153 13.0 10.6 15.8



#50  
Dimethylphthalate  
Concen: 41.824 ng  
RT: 14.016 min Scan# 1858  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:163 Resp: 546814  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.3 7.8 11.6

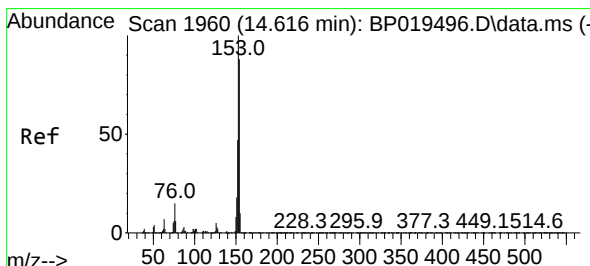
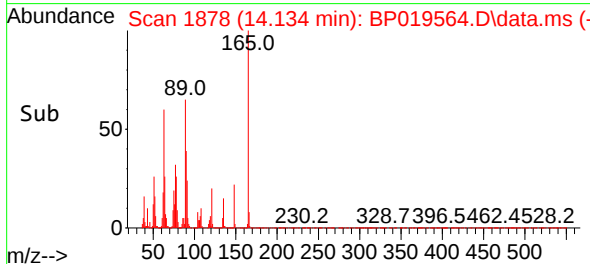
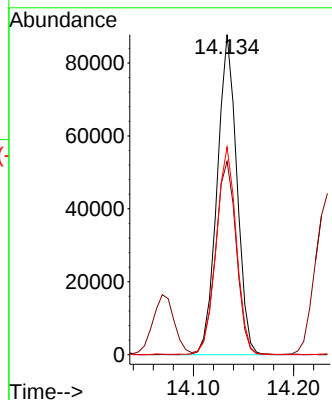
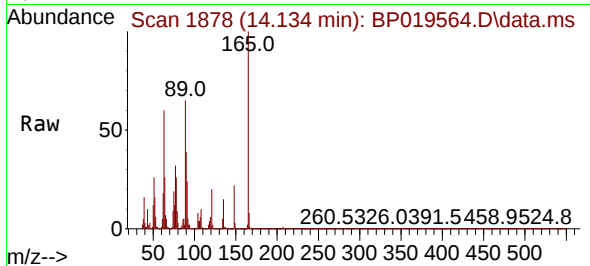




#51  
2,6-Dinitrotoluene  
Concen: 41.657 ng  
RT: 14.134 min Scan# 1879  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

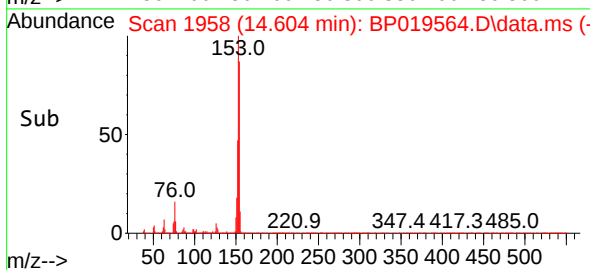
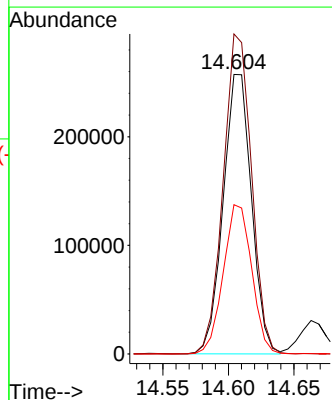
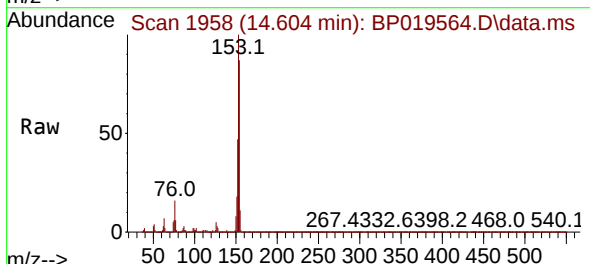
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

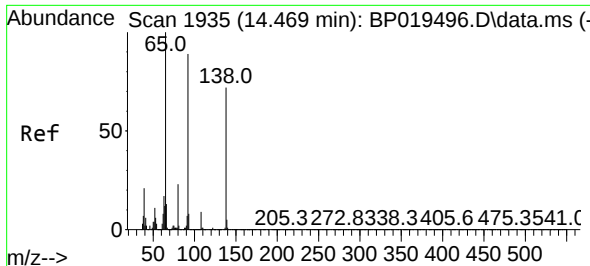
Tgt Ion:165 Resp: 119657  
Ion Ratio Lower Upper  
165 100  
63 60.4 50.4 75.6  
89 64.9 51.7 77.5



#52  
Acenaphthene  
Concen: 39.701 ng  
RT: 14.604 min Scan# 1958  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:154 Resp: 386816  
Ion Ratio Lower Upper  
154 100  
153 114.5 90.5 135.7  
152 53.4 42.1 63.1

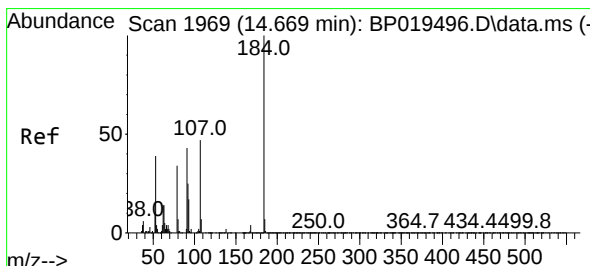
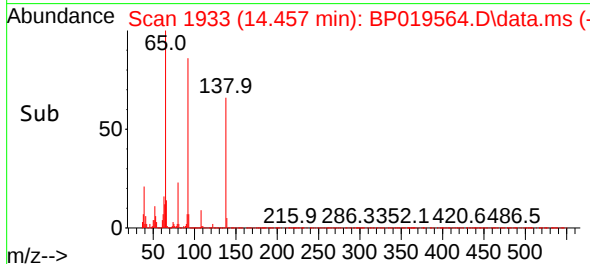
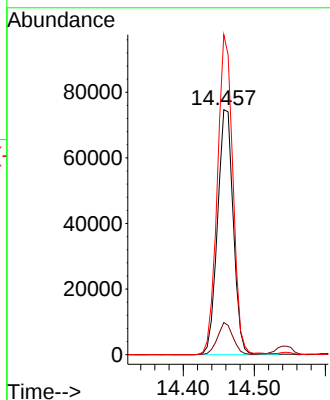
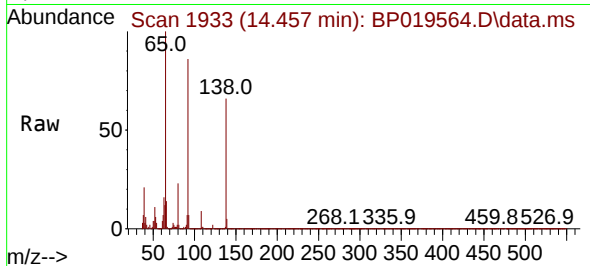




#53  
3-Nitroaniline  
Concen: 43.344 ng  
RT: 14.457 min Scan# 1933  
Delta R.T. -0.012 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

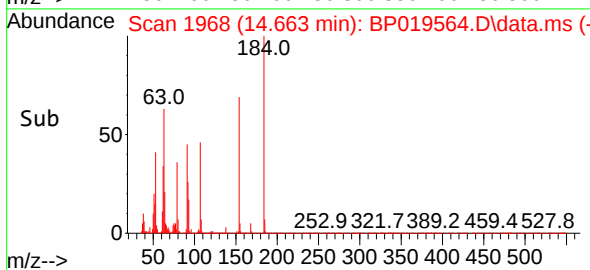
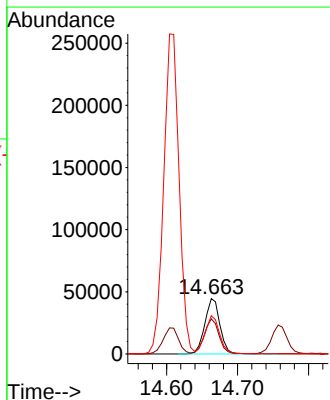
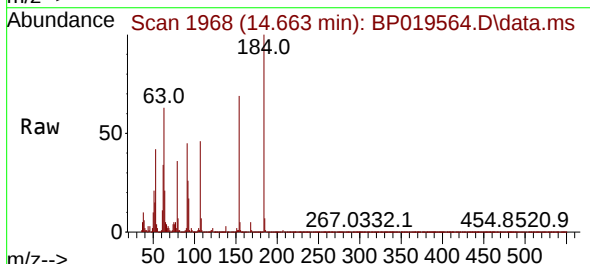
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BNA\_P  
ClientSampleId :  
SSTDCCC040

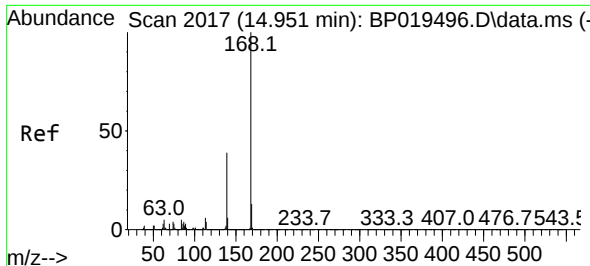
Tgt Ion:138 Resp: 114420  
Ion Ratio Lower Upper  
138 100  
108 13.2 9.7 14.5  
92 130.7 98.0 147.0



#54  
2,4-Dinitrophenol  
Concen: 44.103 ng  
RT: 14.663 min Scan# 1968  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:184 Resp: 65776  
Ion Ratio Lower Upper  
184 100  
63 63.2 50.5 75.7  
154 69.2 53.4 80.0

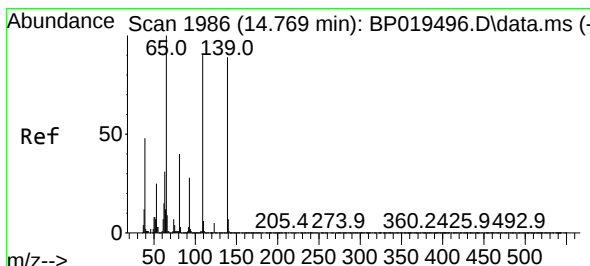
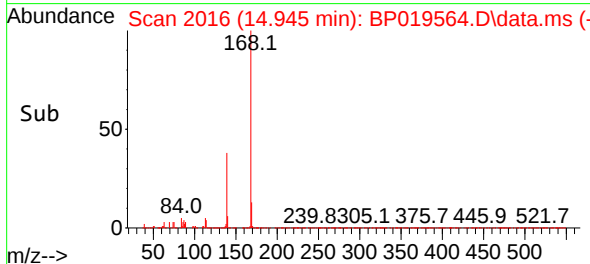
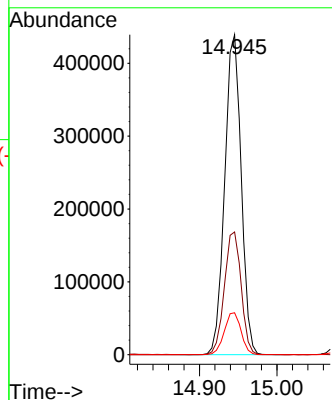
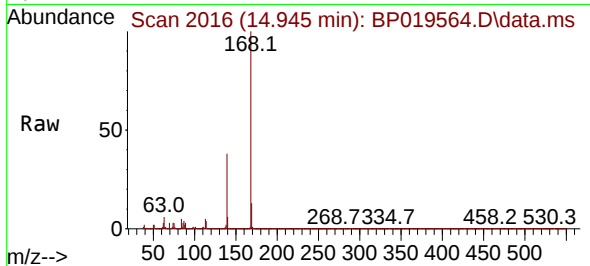




#55  
Dibenzofuran  
Concen: 40.904 ng  
RT: 14.945 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

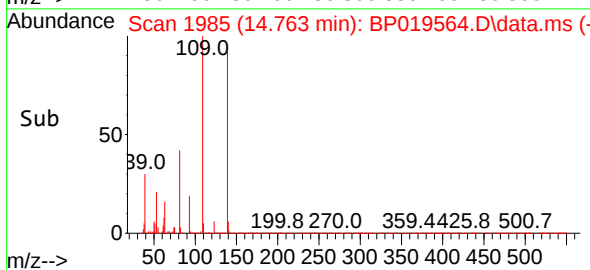
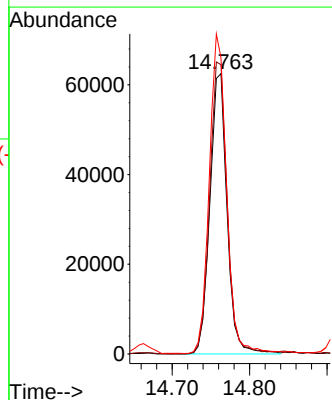
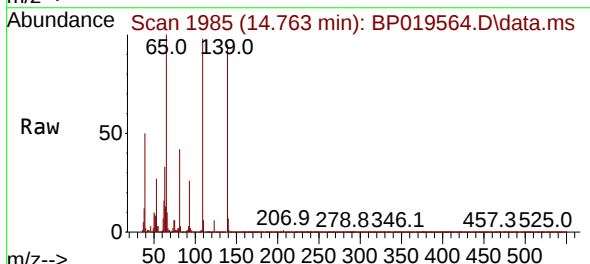
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BNA\_P  
ClientSampleId :  
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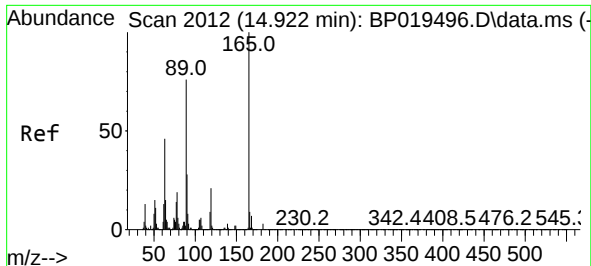
Tgt Ion:168 Resp: 649087  
Ion Ratio Lower Upper  
168 100  
139 38.4 31.5 47.3  
169 13.1 10.3 15.5



#56  
4-Nitrophenol  
Concen: 44.446 ng  
RT: 14.763 min Scan# 1985  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:139 Resp: 96166  
Ion Ratio Lower Upper  
139 100  
109 103.2 82.0 122.0  
65 105.5 92.9 132.9

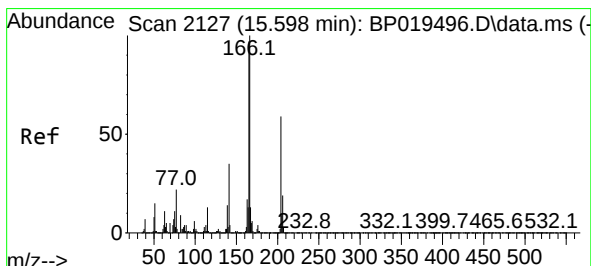
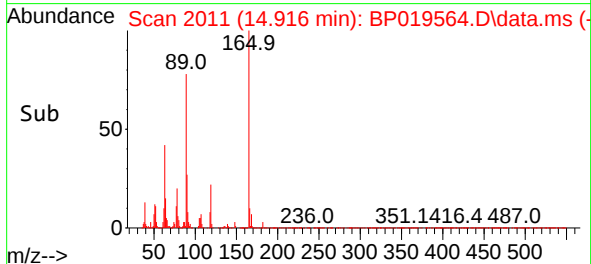
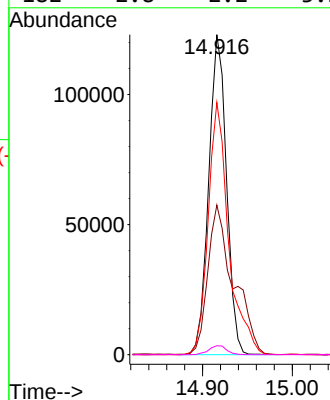
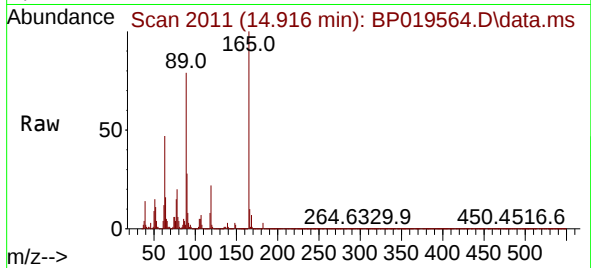




#57  
2,4-Dinitrotoluene  
Concen: 45.005 ng  
RT: 14.916 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

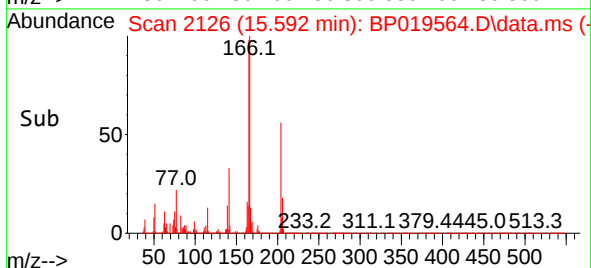
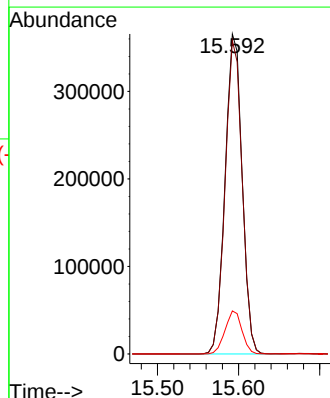
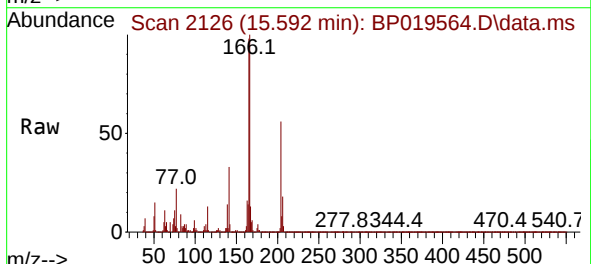
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BNA\_P  
ClientSampleId :  
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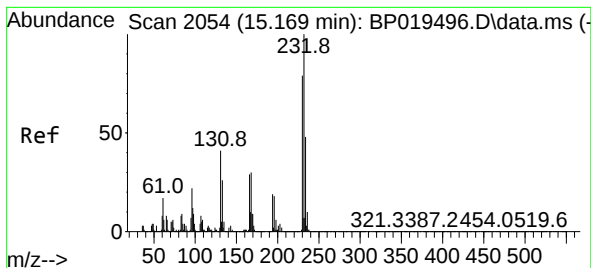
Tgt Ion:165 Resp: 169405  
Ion Ratio Lower Upper  
165 100  
63 46.8 36.9 55.3  
89 78.8 61.1 91.7  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 42.172 ng  
RT: 15.592 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:166 Resp: 533009  
Ion Ratio Lower Upper  
166 100  
165 98.0 77.8 116.8  
167 13.5 10.7 16.1

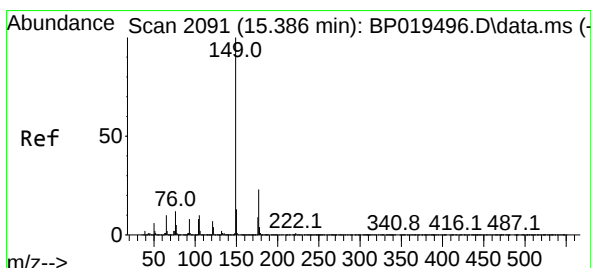
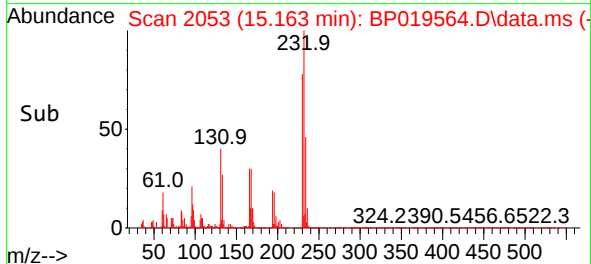
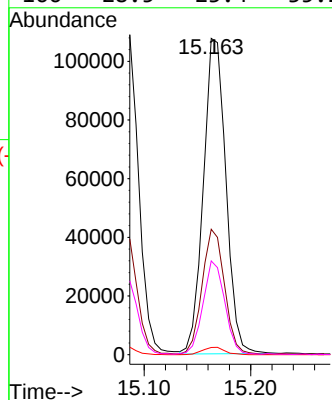
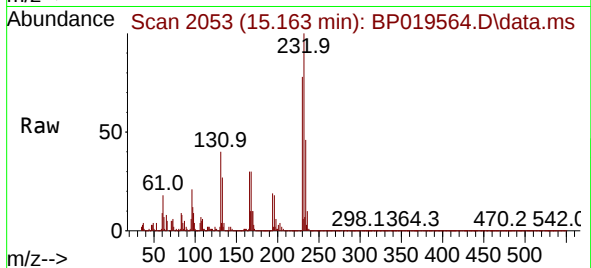




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.966 ng  
RT: 15.163 min Scan# 2053  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

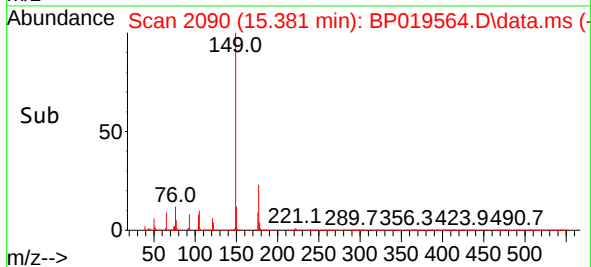
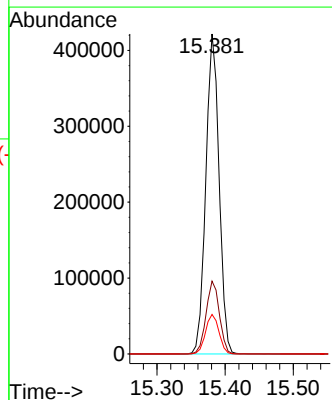
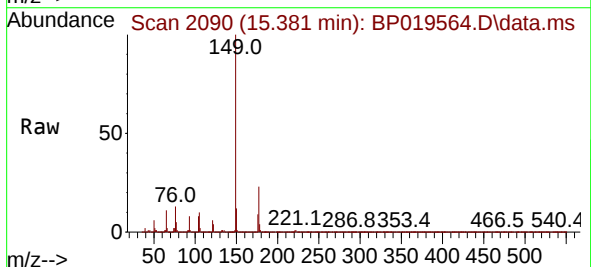
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

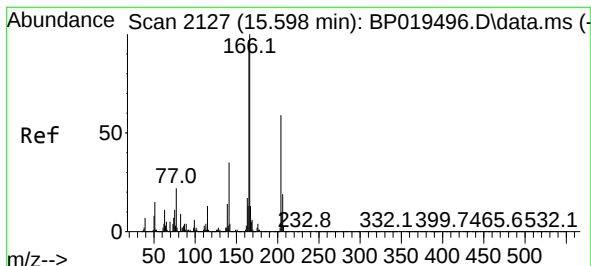
Tgt Ion:232 Resp: 158273  
Ion Ratio Lower Upper  
232 100  
131 39.3 32.4 48.6  
130 2.3 1.9 2.9  
166 28.5 23.4 35.2



#60  
Diethylphthalate  
Concen: 43.779 ng  
RT: 15.381 min Scan# 2090  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:149 Resp: 569305  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.2 27.2  
150 12.3 10.2 15.4

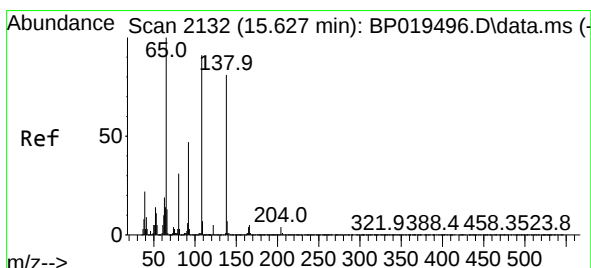
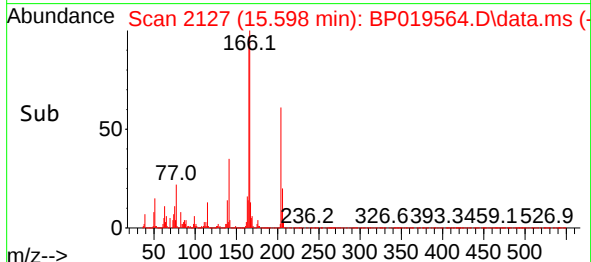
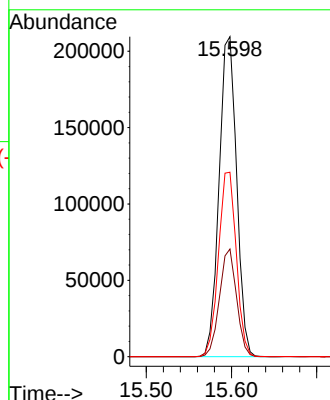
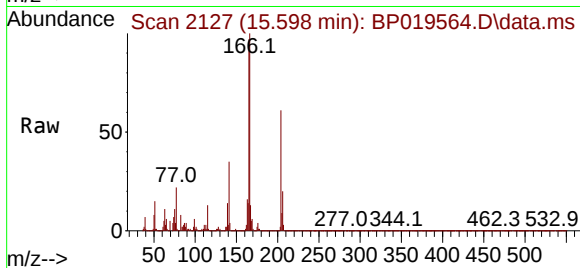




#61  
4-Chlorophenyl-phenylether  
Concen: 42.232 ng  
RT: 15.598 min Scan# 2127  
Delta R.T. 0.000 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

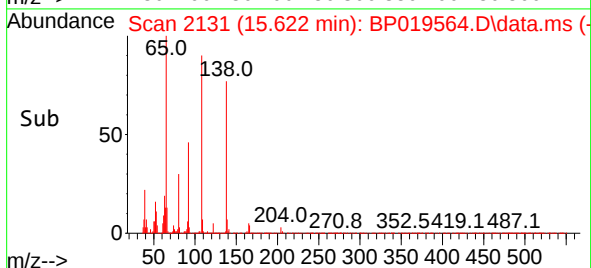
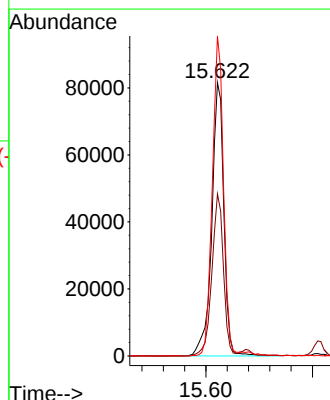
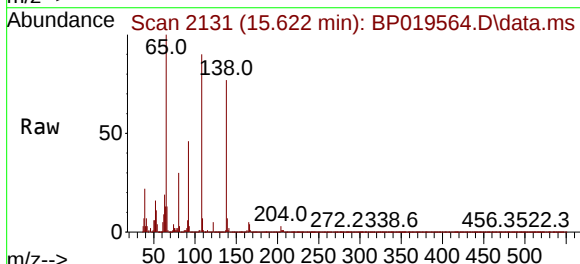
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

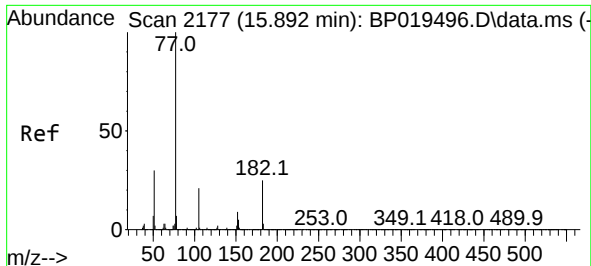
Tgt Ion:204 Resp: 300008  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.5 39.7  
141 57.6 48.5 72.7



#62  
4-Nitroaniline  
Concen: 46.446 ng  
RT: 15.622 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:138 Resp: 128517  
Ion Ratio Lower Upper  
138 100  
92 59.3 38.3 78.3  
108 117.1 91.2 131.2

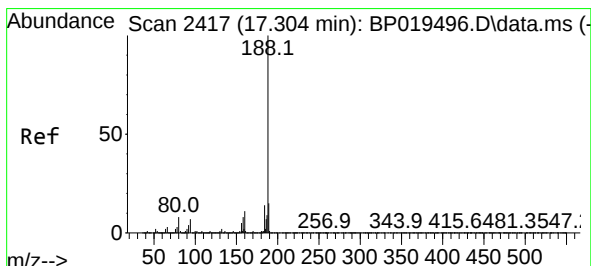
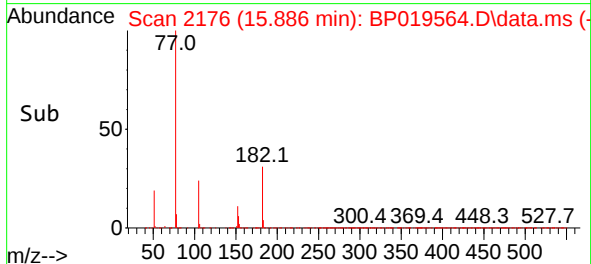
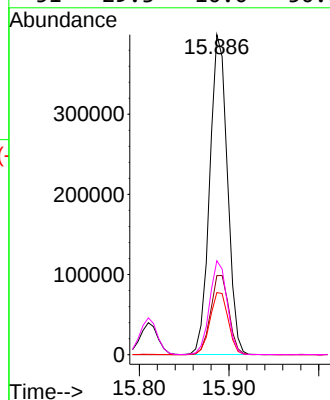
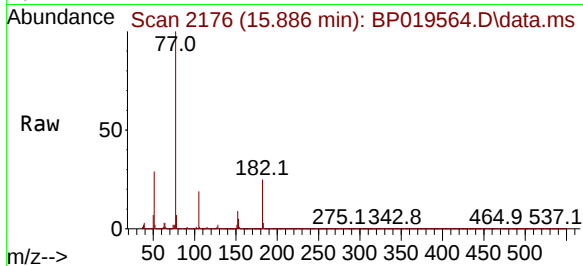




#63  
Azobenzene  
Concen: 43.364 ng  
RT: 15.886 min Scan# 2176  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

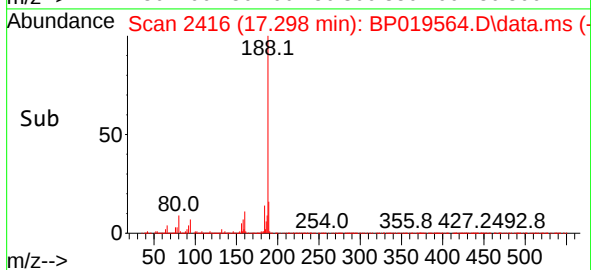
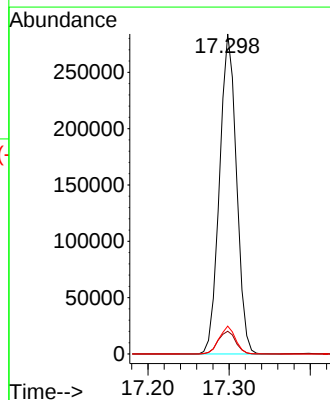
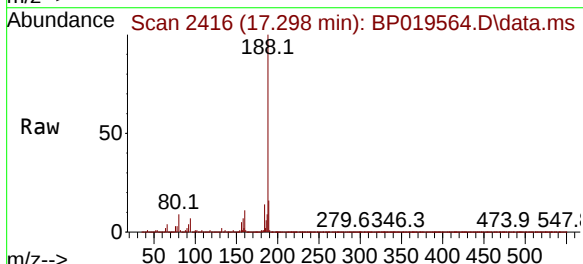
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

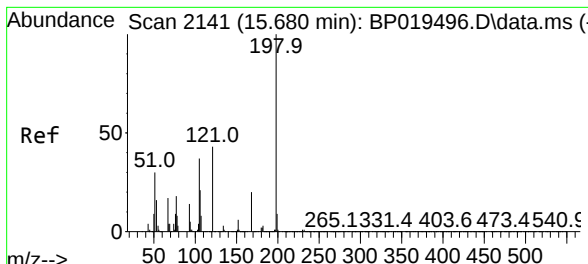
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 545307 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 24.7    | 5.1 45.1     |
| 105 19.4    | 0.8 40.8     |
| 51 29.3     | 10.0 50.0    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.298 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 413251 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 7.1      | 5.4 8.2      |
| 80 8.7      | 6.3 9.5      |

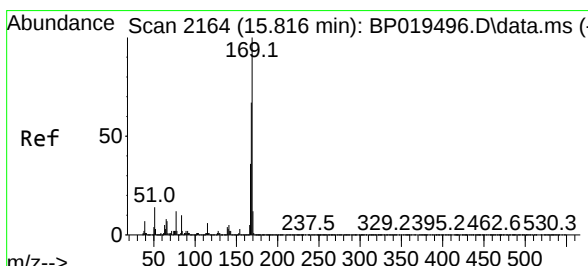
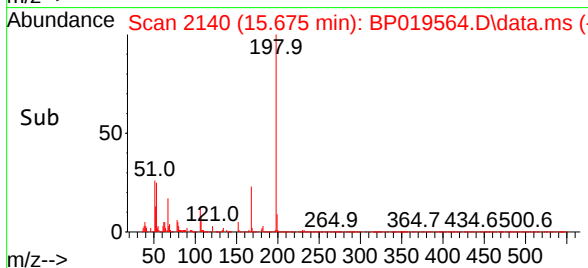
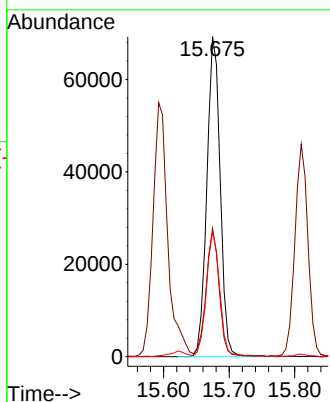
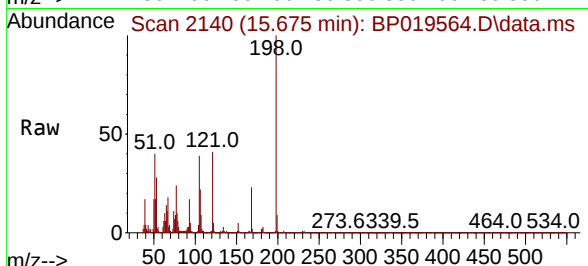




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 41.595 ng  
 RT: 15.675 min Scan# 2140  
 Delta R.T. -0.006 min  
 Lab File: BP019564.D  
 Acq: 06 Feb 2024 09:30

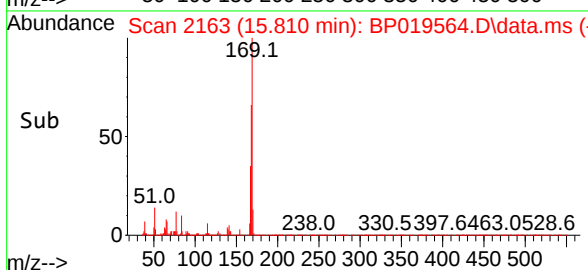
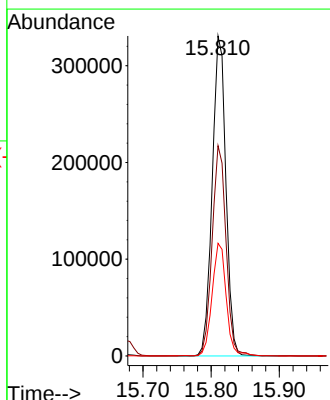
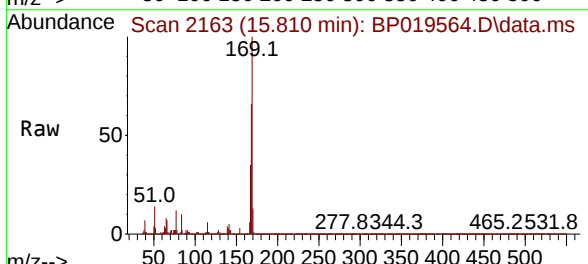
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

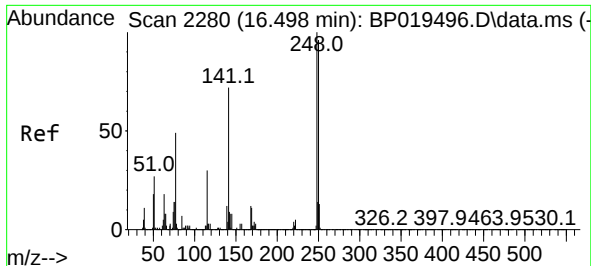
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 98014 |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 51       | 40.1  | 21.2  | 61.2  |
| 105      | 39.0  | 19.1  | 59.1  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 37.285 ng  
 RT: 15.810 min Scan# 2163  
 Delta R.T. -0.006 min  
 Lab File: BP019564.D  
 Acq: 06 Feb 2024 09:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 169   | Resp: | 461450 |
| Ion      | Ratio | Lower | Upper  |
| 169      | 100   |       |        |
| 168      | 65.7  | 53.4  | 80.2   |
| 167      | 35.2  | 28.9  | 43.3   |

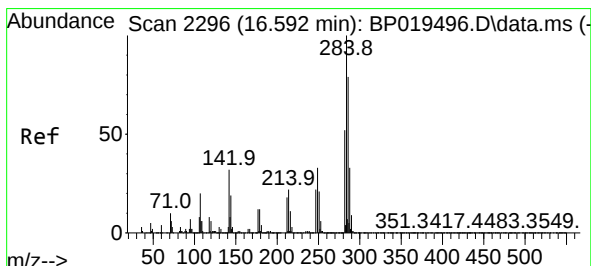
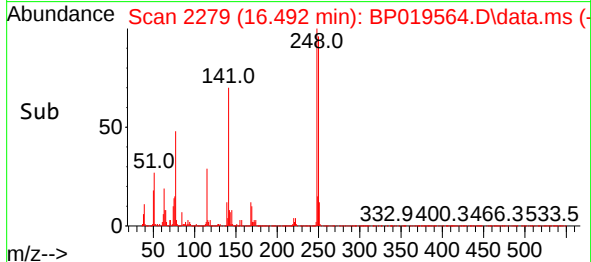
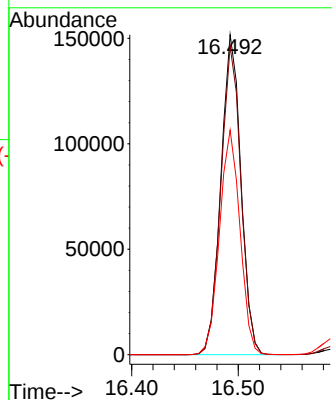
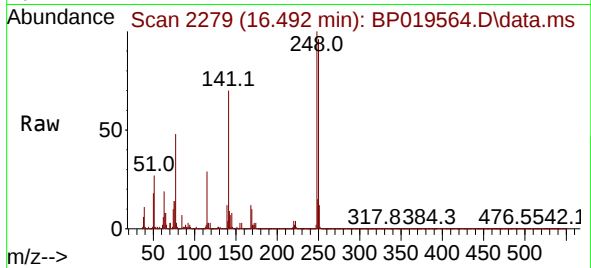




#67  
4-Bromophenyl-phenylether  
Concen: 38.312 ng  
RT: 16.492 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

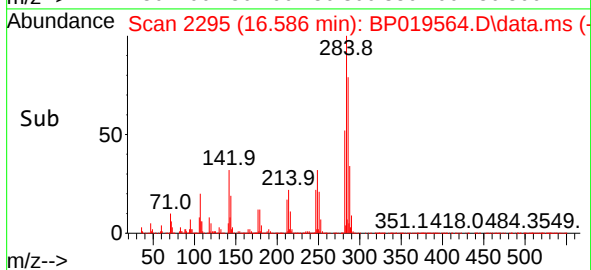
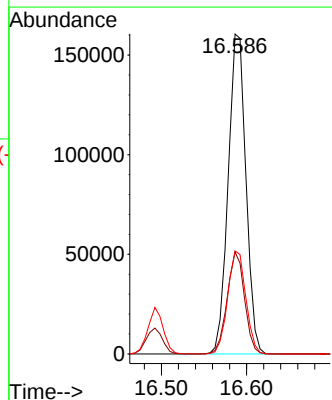
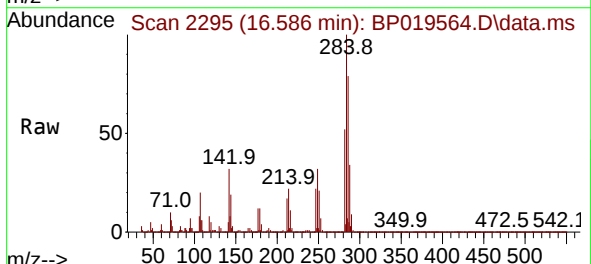
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

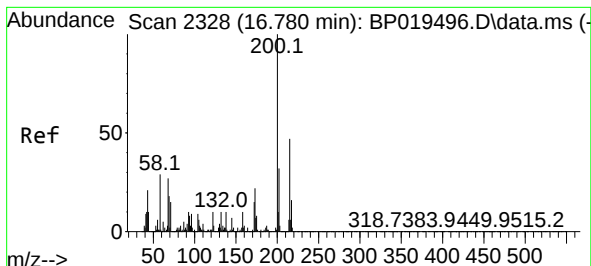
Tgt Ion:248 Resp: 197927  
Ion Ratio Lower Upper  
248 100  
250 96.4 76.9 115.3  
141 70.2 58.0 87.0



#68  
Hexachlorobenzene  
Concen: 38.516 ng  
RT: 16.586 min Scan# 2295  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:284 Resp: 232363  
Ion Ratio Lower Upper  
284 100  
142 31.9 25.4 38.2  
249 32.2 26.5 39.7





#69

Atrazine

Concen: 41.537 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

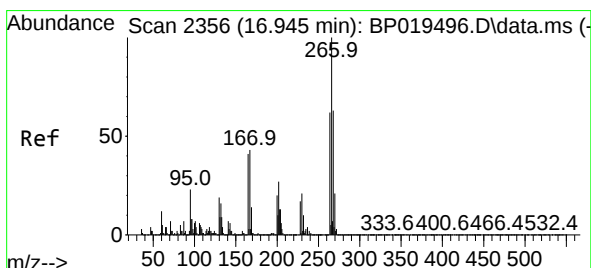
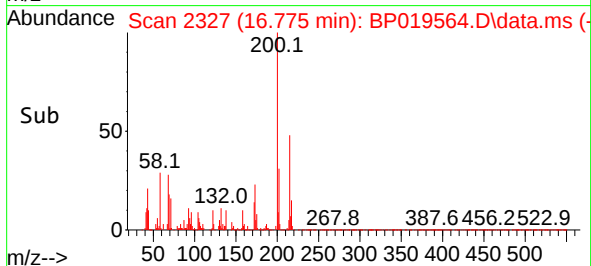
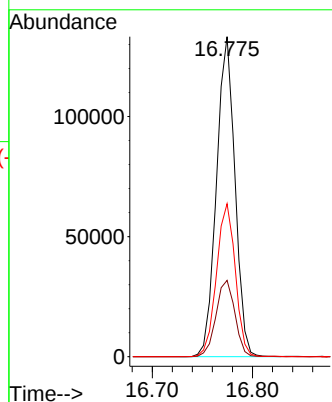
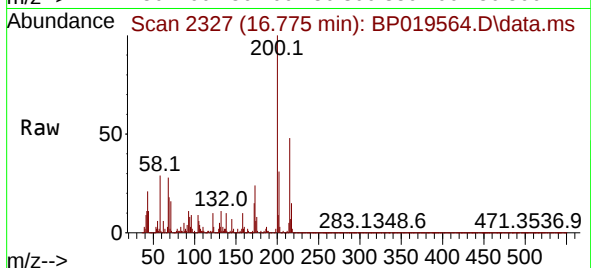
Tgt Ion:200 Resp: 170591

Ion Ratio Lower Upper

200 100

173 23.8 1.7 41.7

215 47.8 26.9 66.9



#70

Pentachlorophenol

Concen: 42.027 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

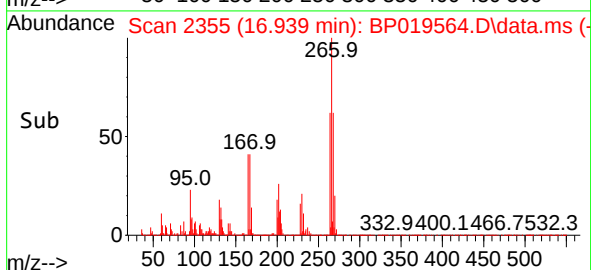
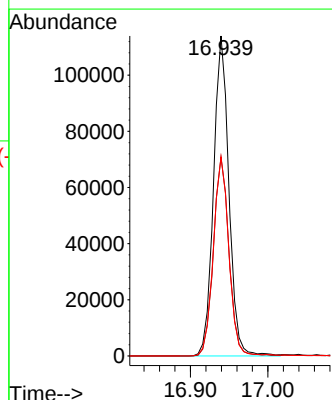
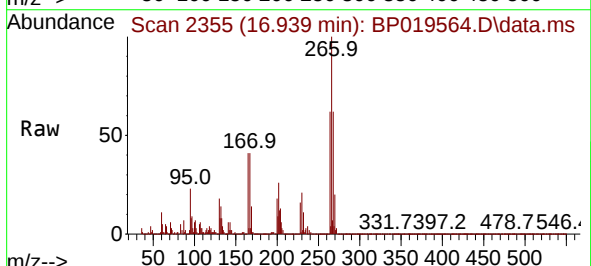
Tgt Ion:266 Resp: 157892

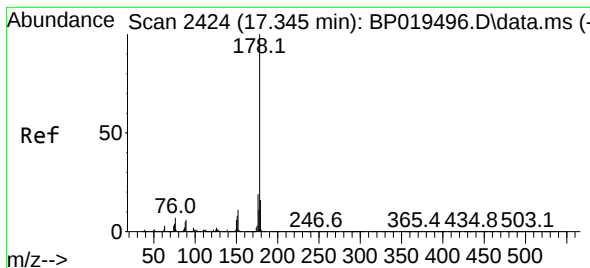
Ion Ratio Lower Upper

266 100

268 62.2 50.3 75.5

264 62.2 49.7 74.5





#71

Phenanthrene

Concen: 39.524 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

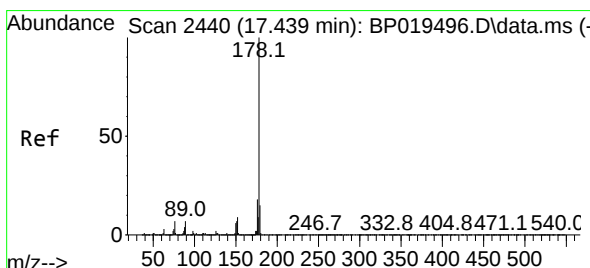
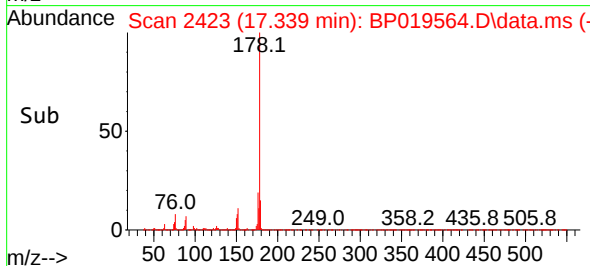
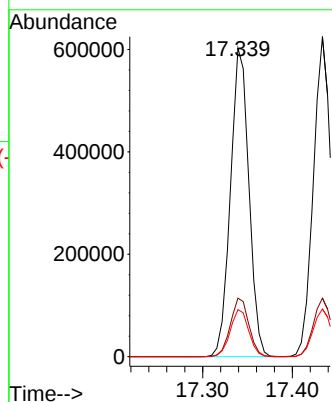
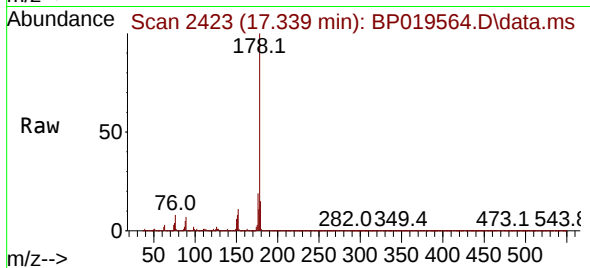
Tgt Ion:178 Resp: 859574

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.2 12.6 19.0



#72

Anthracene

Concen: 39.953 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

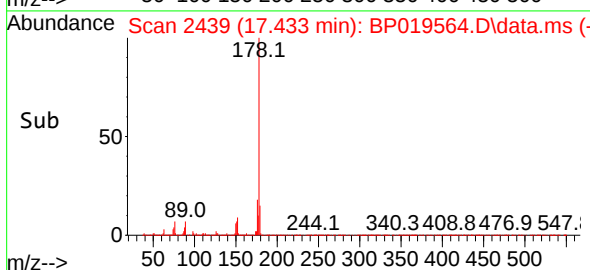
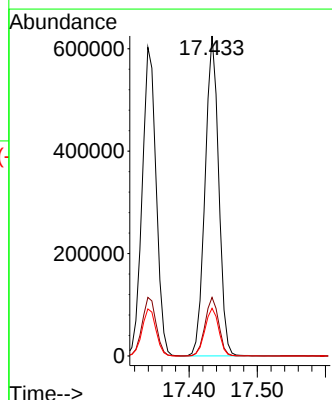
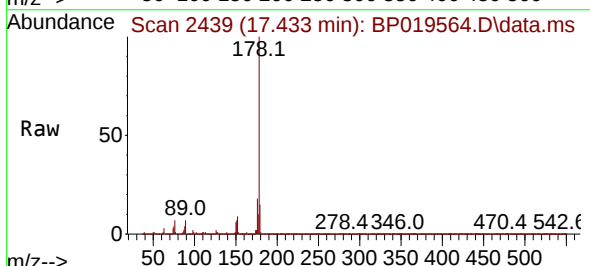
Tgt Ion:178 Resp: 866787

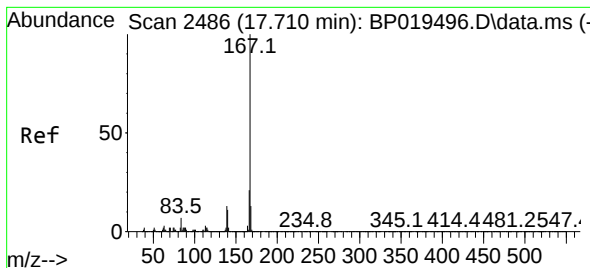
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 14.9 12.2 18.2





#73

Carbazole

Concen: 42.211 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

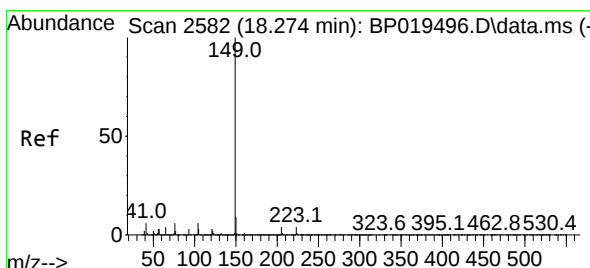
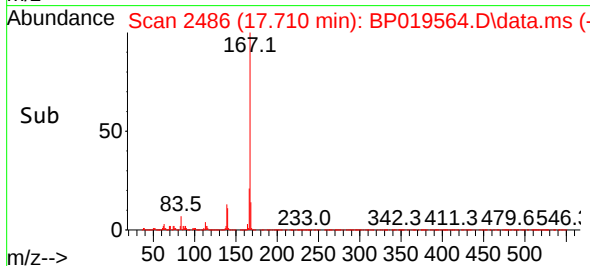
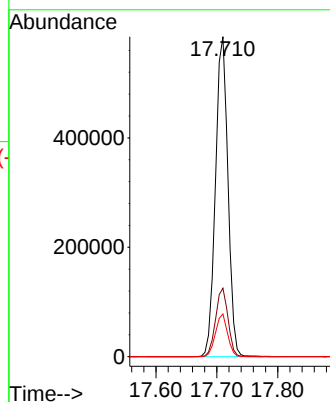
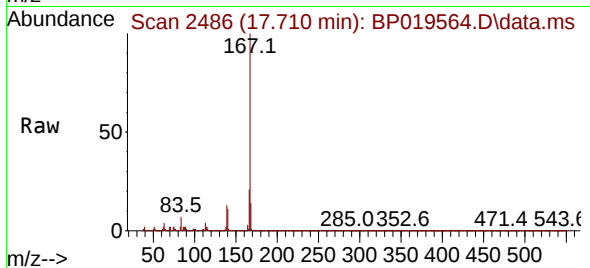
Tgt Ion:167 Resp: 831921

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 43.429 ng

RT: 18.275 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

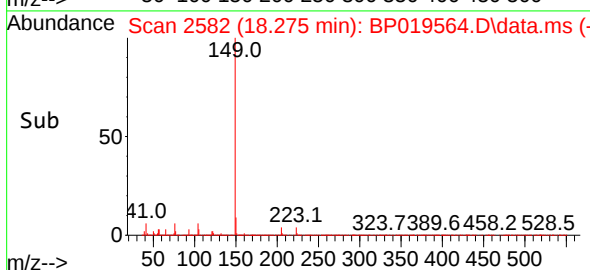
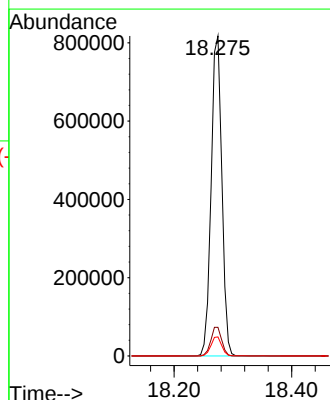
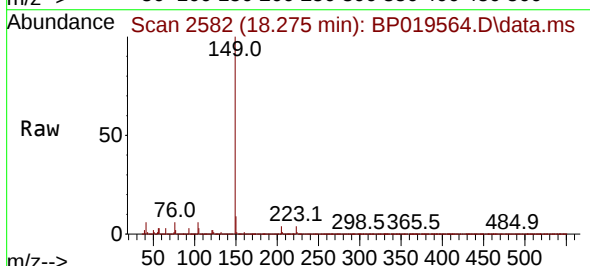
Tgt Ion:149 Resp: 1034922

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 6.0 4.8 7.2

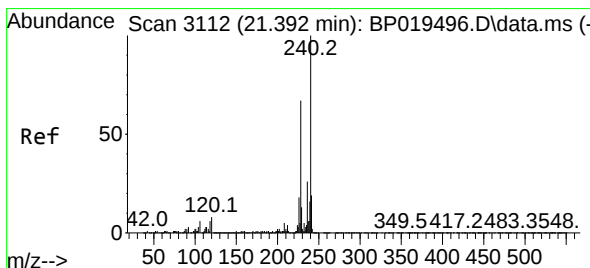
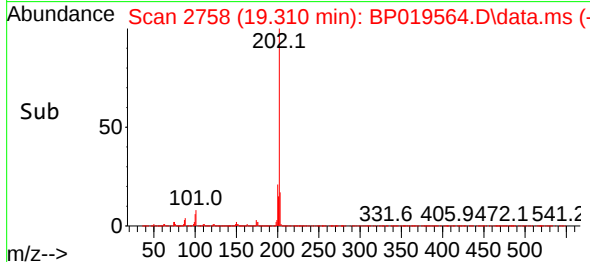
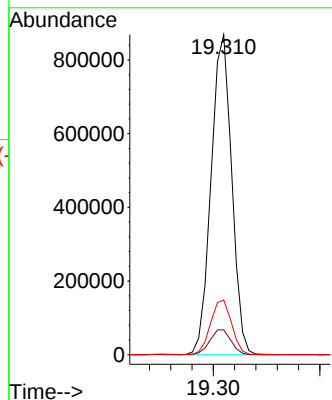
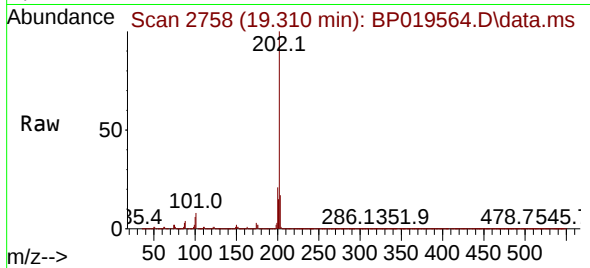




#75  
Fluoranthene  
Concen: 43.960 ng  
RT: 19.310 min Scan# 2758  
Delta R.T. 0.000 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

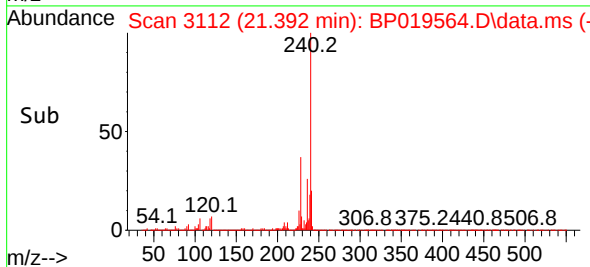
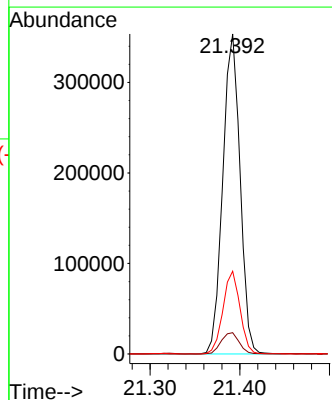
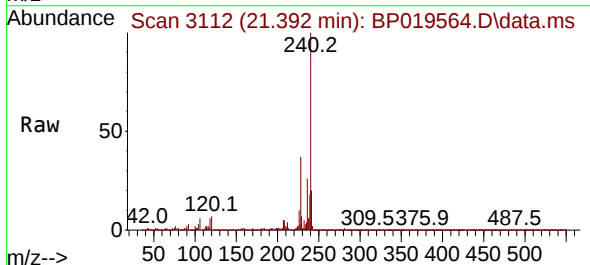
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

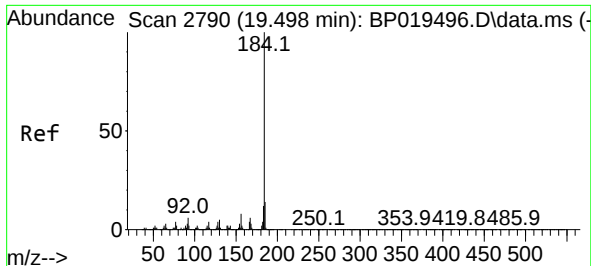
Tgt Ion:202 Resp: 1167909  
Ion Ratio Lower Upper  
202 100  
101 7.7 0.0 27.7  
203 17.1 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.392 min Scan# 3112  
Delta R.T. 0.000 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:240 Resp: 472365  
Ion Ratio Lower Upper  
240 100  
120 6.7 6.1 9.1  
236 25.9 20.7 31.1

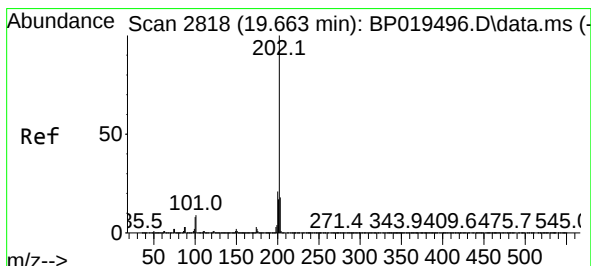
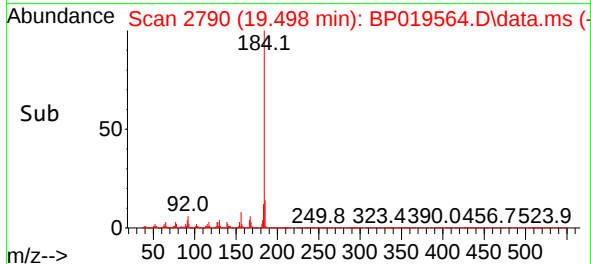
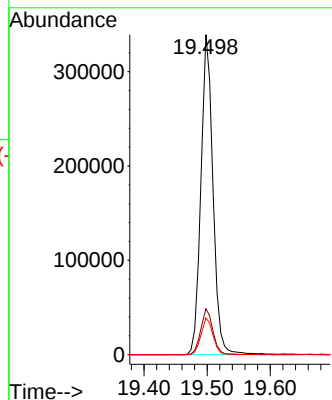
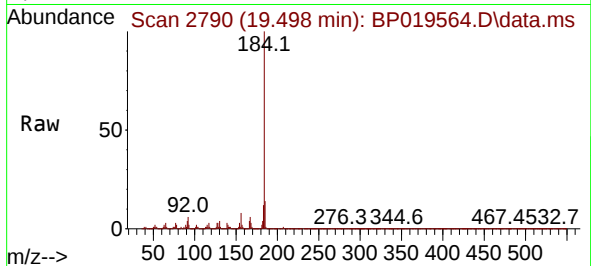




#77  
Benzidine  
Concen: 45.828 ng  
RT: 19.498 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

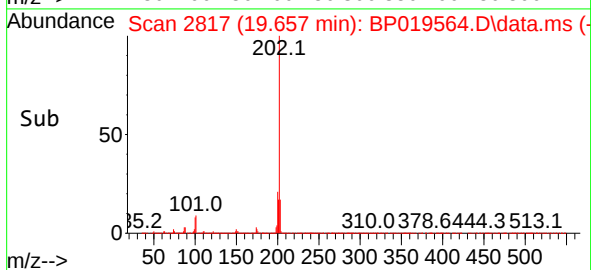
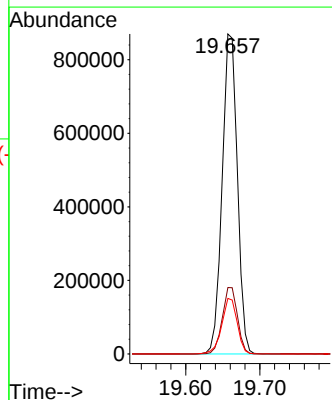
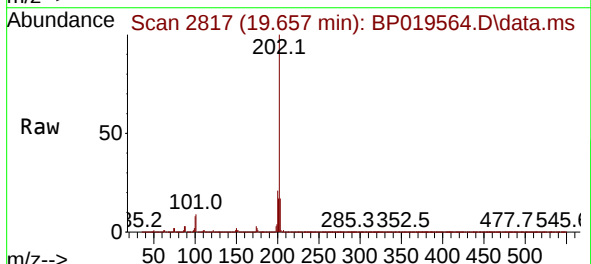
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

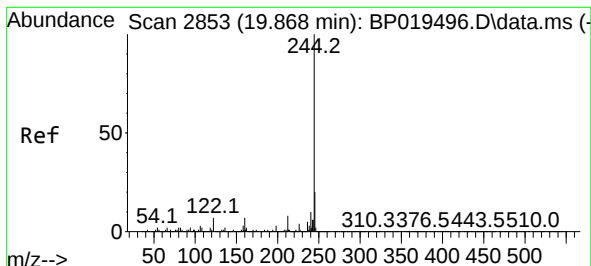
Tgt Ion:184 Resp: 452583  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.1 16.7  
183 11.5 9.7 14.5



#78  
Pyrene  
Concen: 37.110 ng  
RT: 19.657 min Scan# 2817  
Delta R.T. -0.006 min  
Lab File: BP019564.D  
Acq: 06 Feb 2024 09:30

Tgt Ion:202 Resp: 1237171  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.9 25.3  
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 77.467 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

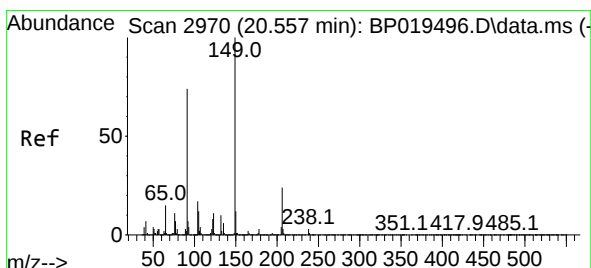
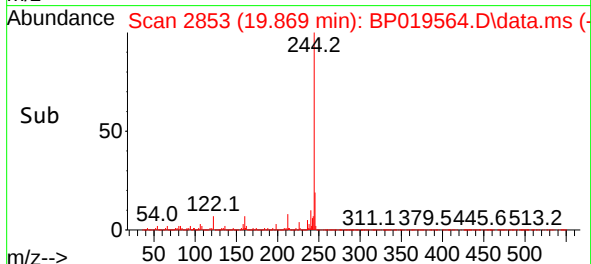
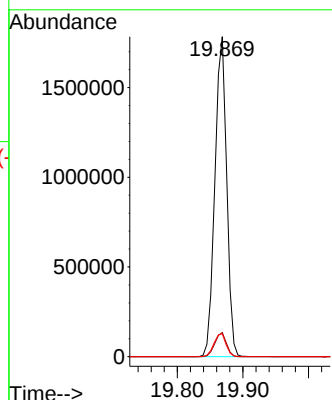
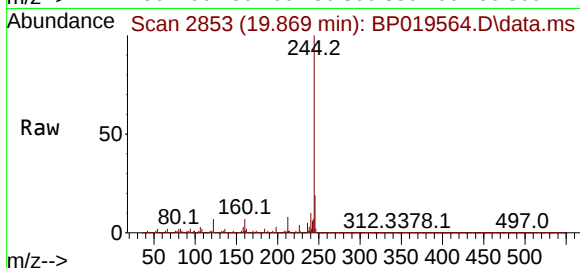
Tgt Ion:244 Resp: 2225106

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 7.2 5.9 8.9



#80

Butylbenzylphthalate

Concen: 38.845 ng

RT: 20.551 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

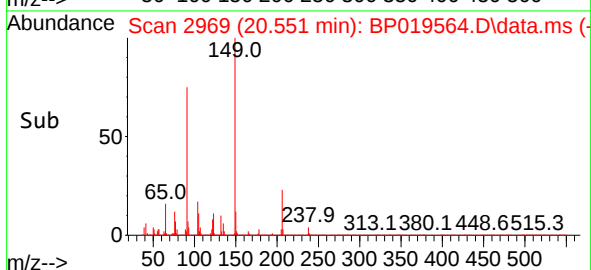
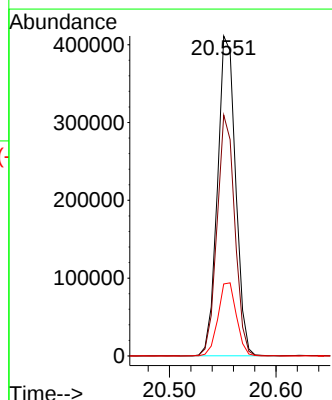
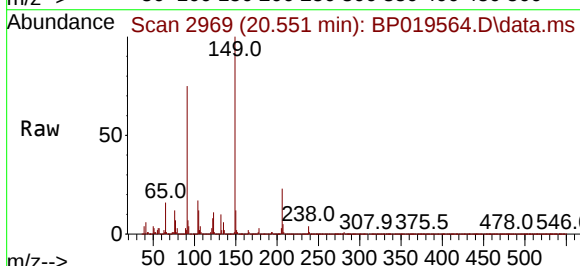
Tgt Ion:149 Resp: 483614

Ion Ratio Lower Upper

149 100

91 75.3 59.4 89.0

206 22.5 19.0 28.6





#81

Benzo(a)anthracene

Concen: 39.774 ng

RT: 21.374 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

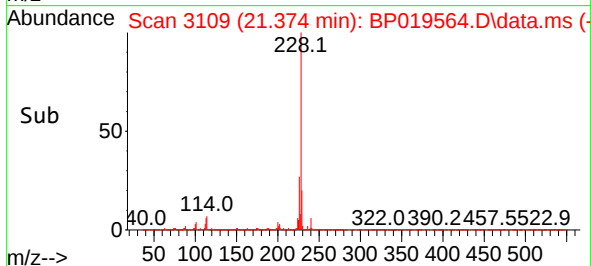
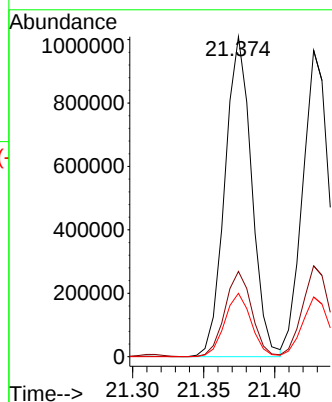
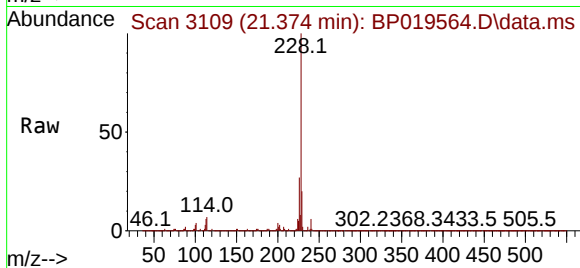
Tgt Ion:228 Resp: 1322516

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 39.452 ng

RT: 21.316 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

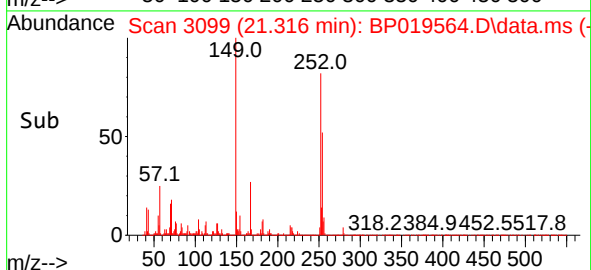
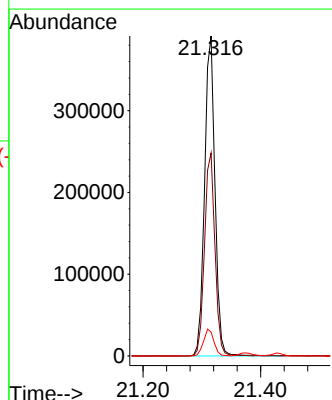
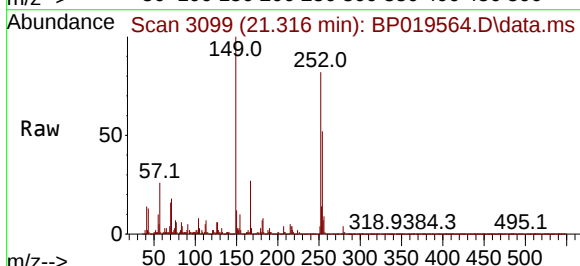
Tgt Ion:252 Resp: 478028

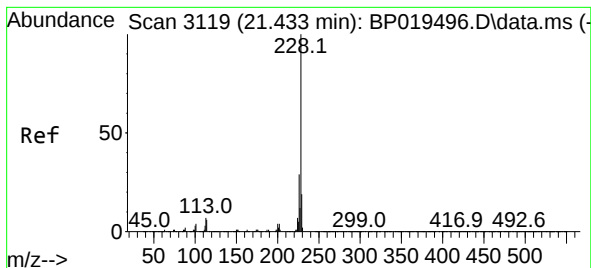
Ion Ratio Lower Upper

252 100

254 63.4 50.7 76.1

126 7.4 6.4 9.6





#83

Chrysene

Concen: 39.264 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

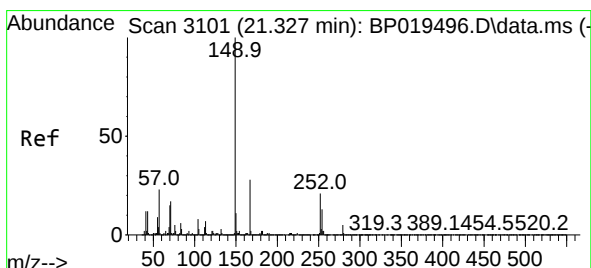
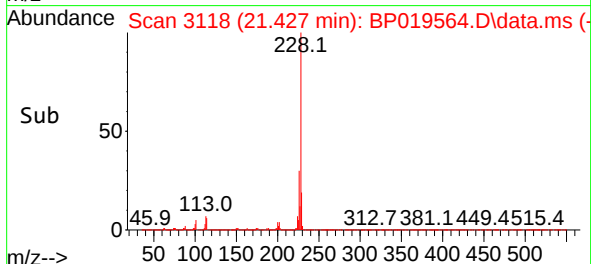
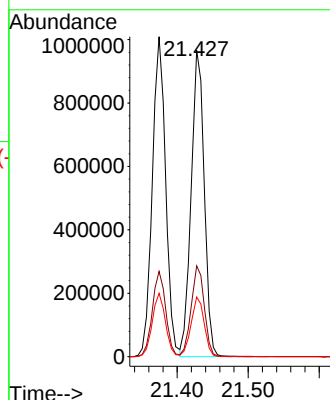
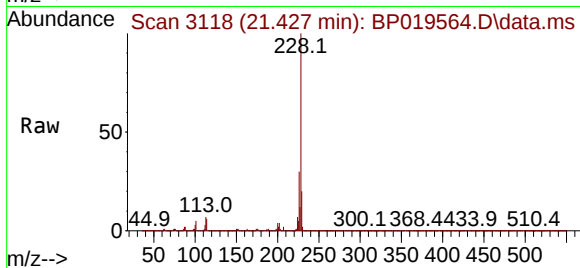
Tgt Ion:228 Resp: 1239523

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.038 ng

RT: 21.321 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

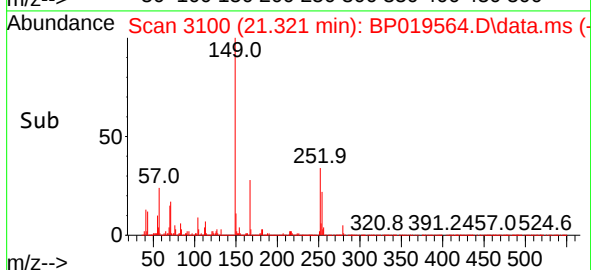
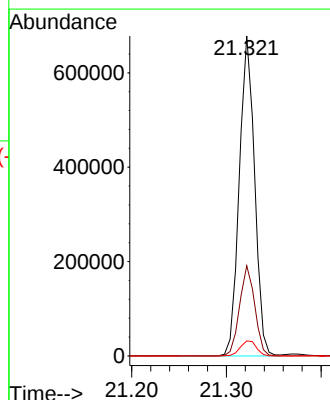
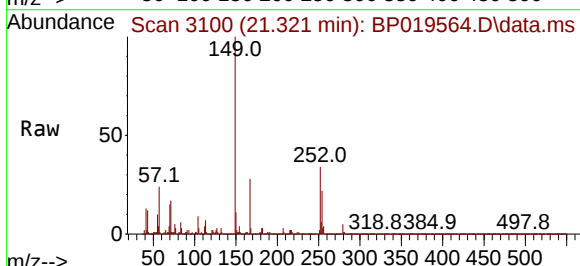
Tgt Ion:149 Resp: 759032

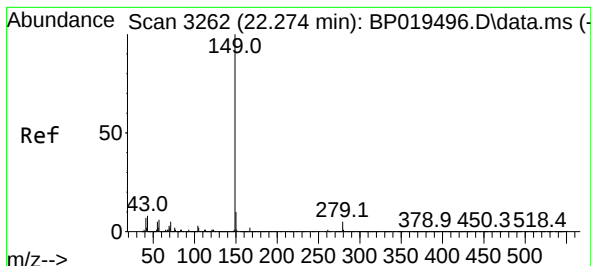
Ion Ratio Lower Upper

149 100

167 28.2 22.7 34.1

279 4.7 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 39.023 ng

RT: 22.268 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

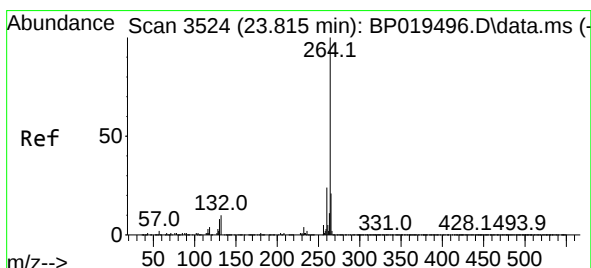
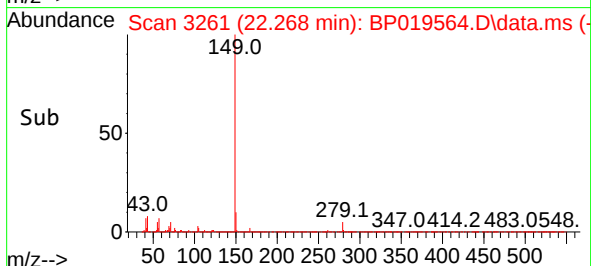
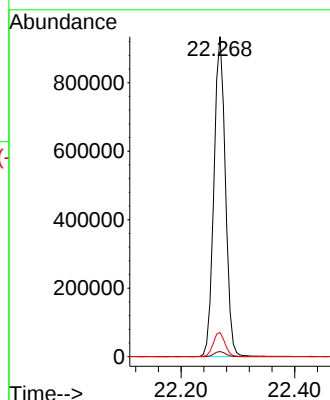
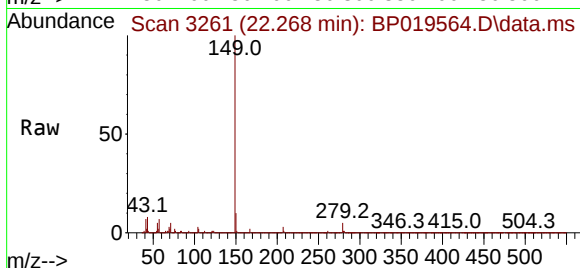
Tgt Ion:149 Resp: 1301606

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

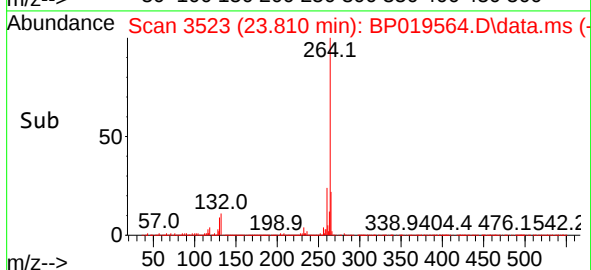
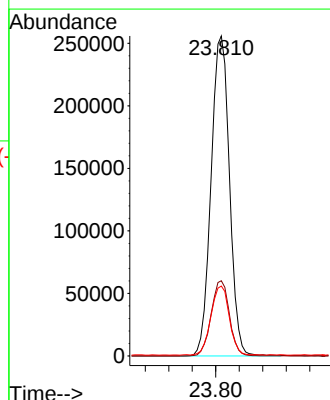
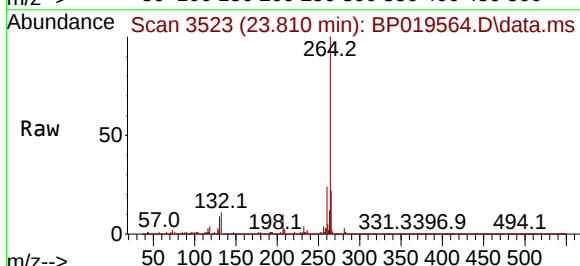
Tgt Ion:264 Resp: 555856

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.918 ng

RT: 26.339 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

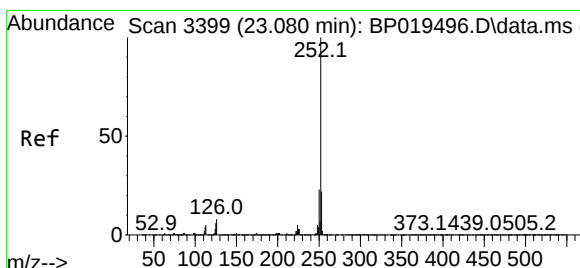
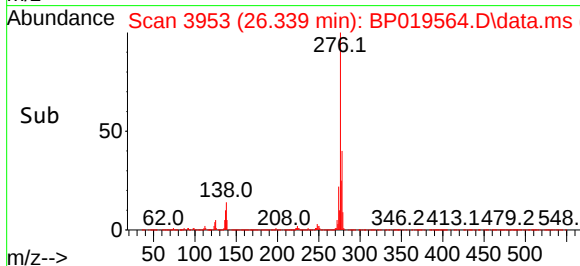
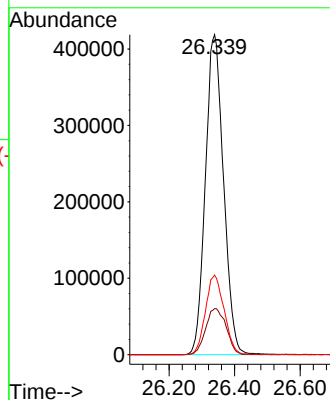
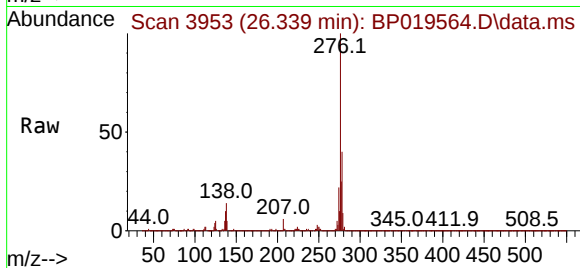
Tgt Ion:276 Resp: 1613347

Ion Ratio Lower Upper

276 100

138 16.3 13.1 19.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 40.608 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

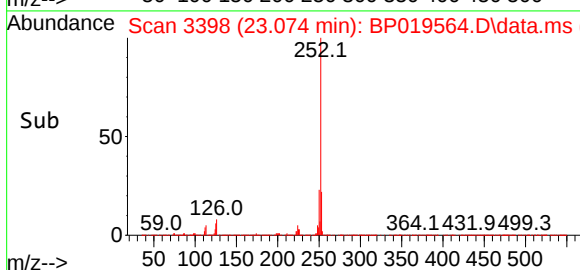
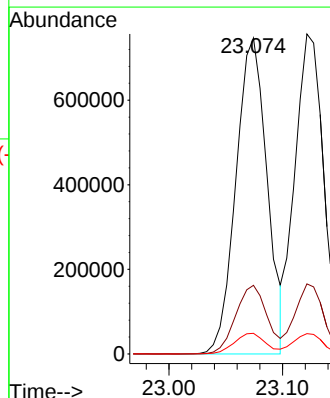
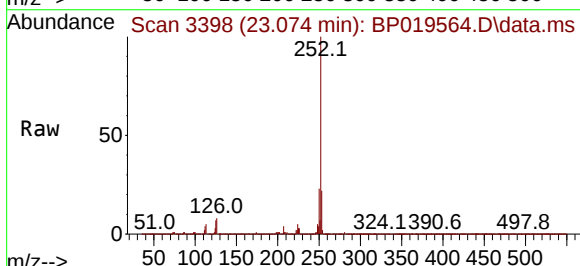
Tgt Ion:252 Resp: 1422623

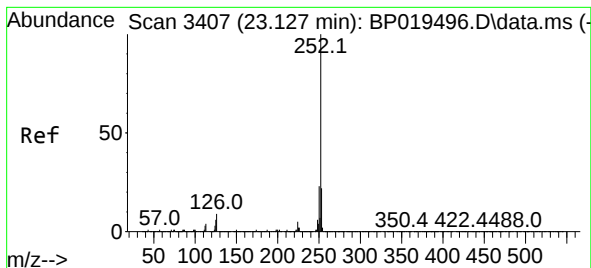
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 6.5 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 39.825 ng

RT: 23.121 min Scan# 3406

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

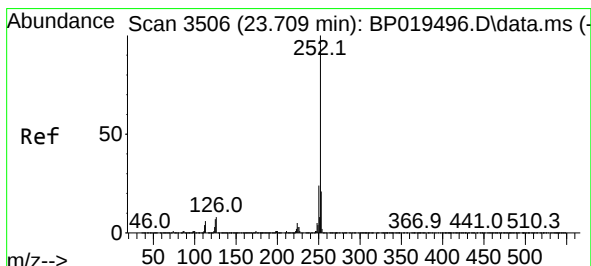
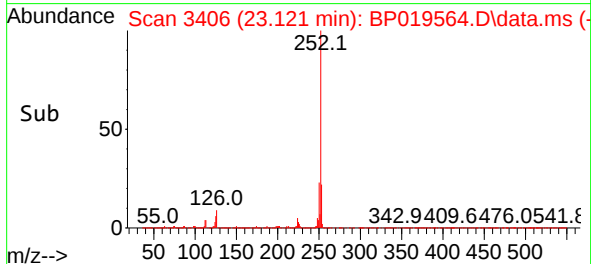
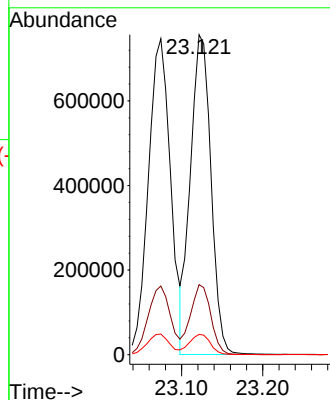
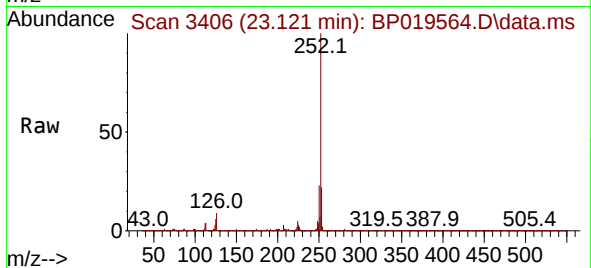
Tgt Ion:252 Resp: 1332726

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 6.4 5.0 7.6



#90

Benzo(a)pyrene

Concen: 39.415 ng

RT: 23.704 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

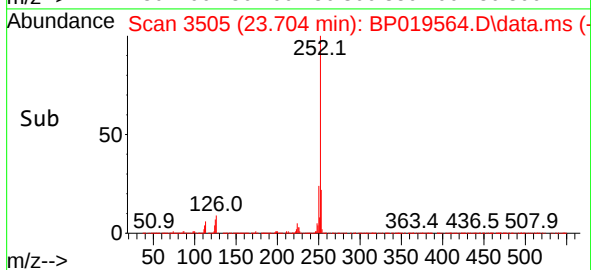
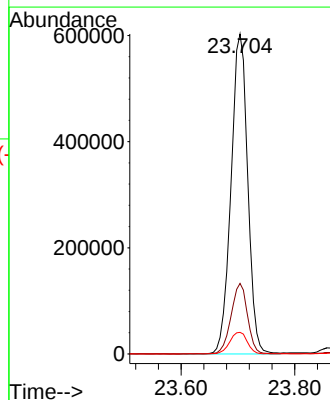
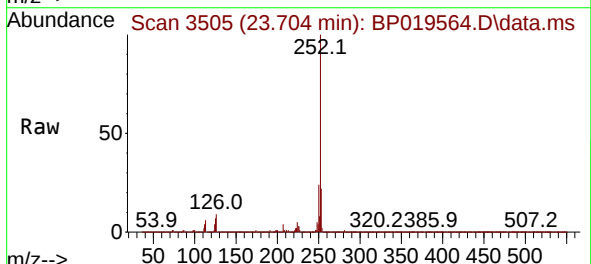
Tgt Ion:252 Resp: 1228616

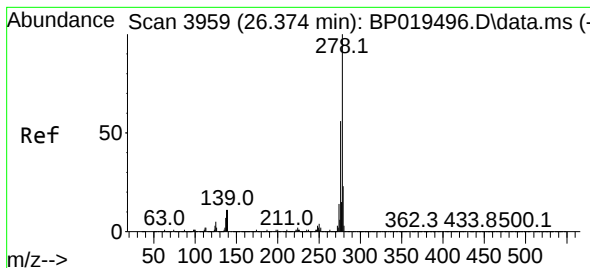
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 6.7 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 37.989 ng

RT: 26.368 min Scan# 3958

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

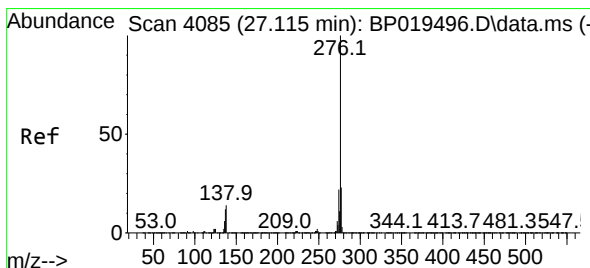
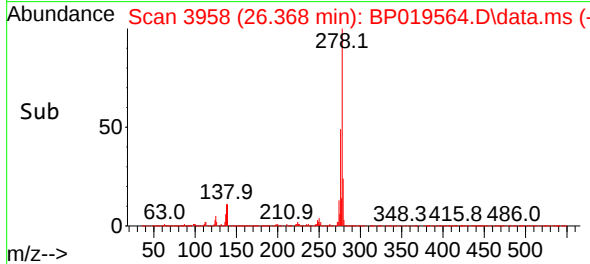
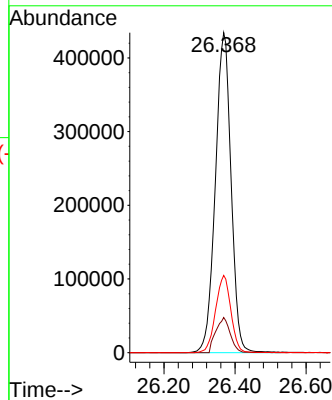
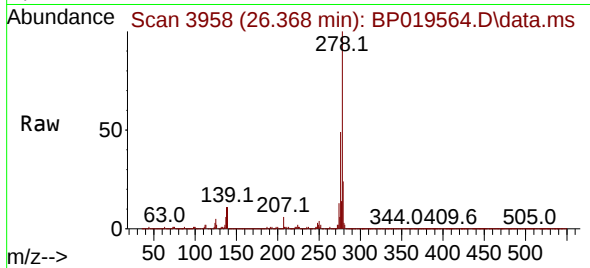
Tgt Ion:278 Resp: 1329407

Ion Ratio Lower Upper

278 100

139 11.0 8.6 12.8

279 24.2 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 37.431 ng

RT: 27.109 min Scan# 4084

Delta R.T. -0.006 min

Lab File: BP019564.D

Acq: 06 Feb 2024 09:30

Tgt Ion:276 Resp: 1328871

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 13.9 10.9 16.3

