

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080324\  
 Data File : BF138759.D  
 Acq On : 03 Aug 2024 09:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 05 00:47:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 60912    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.134  | 136  | 273242   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 134563   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.374 | 188  | 249821   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.015 | 240  | 123992   | 20.000 | ng    | 0.01     |
| 86) Perylene-d12              | 15.480 | 264  | 142150   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 300767   | 76.221 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.492  | 99   | 412539   | 77.869 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 447653   | 80.099 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 101081   | 91.704 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 721271   | 80.535 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 616467   | 83.242 | ng    | 0.01     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.587  | 88   | 61318    | 35.494 | ng    | 97       |
| 3) Pyridine                   | 3.351  | 79   | 140457   | 33.563 | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.304  | 42   | 82782    | 33.213 | ng    | 100      |
| 6) Aniline                    | 6.516  | 93   | 180105   | 38.120 | ng    | # 85     |
| 8) 2-Chlorophenol             | 6.640  | 128  | 161117   | 38.808 | ng    | 98       |
| 9) Benzaldehyde               | 6.404  | 77   | 145333   | 45.762 | ng    | 98       |
| 10) Phenol                    | 6.510  | 94   | 213603   | 38.294 | ng    | 79       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 160678   | 37.433 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.792  | 146  | 183255   | 39.433 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 189059   | 40.312 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 183927   | 41.963 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.998  | 79   | 160886   | 42.134 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 297104   | 40.219 | ng    | 79       |
| 17) 2-Methylphenol            | 7.110  | 107  | 144327   | 42.100 | ng    | 97       |
| 18) Hexachloroethane          | 7.357  | 117  | 77495    | 43.897 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 131612   | 41.131 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.263  | 107  | 179843   | 40.888 | ng    | 96       |
| 22) Acetophenone              | 7.263  | 105  | 246211   | 36.801 | ng    | 99       |
| 24) Nitrobenzene              | 7.434  | 77   | 225436   | 39.641 | ng    | 98       |
| 25) Isophorone                | 7.675  | 82   | 336359   | 35.246 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 87089    | 35.594 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.786  | 122  | 104117   | 35.566 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.881  | 93   | 204392   | 35.171 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 141947   | 37.735 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 171554   | 39.519 | ng    | 99       |
| 31) Naphthalene               | 8.151  | 128  | 569680   | 39.609 | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 74273    | 32.276 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.204  | 127  | 190747   | 39.509 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 106183   | 40.383 | ng    | 99       |
| 35) Caprolactam               | 8.586  | 113  | 47591    | 42.400 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 175164   | 40.745 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 365487   | 40.237 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.939  | 142  | 354623   | 39.841 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 165011   | 44.144 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.992  | 237  | 29273    | 33.976 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.128  | 196  | 102265   | 44.871 | ng    | 99       |

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 ALS Vial : 2 Sample Multiplier: 1

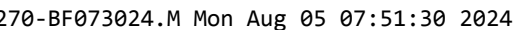
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

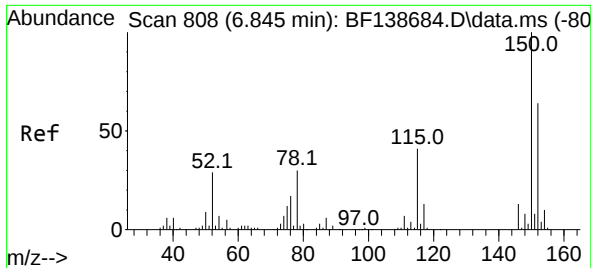
Quant Time: Aug 05 00:47:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.175  | 196  | 97711    | 39.217 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 414659   | 39.346 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 302227   | 38.559 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.433  | 65   | 103023   | 38.772 | ng    | 99       |
| 49) Acenaphthylene            | 9.745  | 152  | 433156   | 38.965 | ng    | 99       |
| 50) Dimethylphthalate         | 9.610  | 163  | 351529   | 40.856 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 79111    | 40.741 | ng    | 98       |
| 52) Acenaphthene              | 9.922  | 154  | 293448   | 39.269 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 77506    | 38.611 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 33217    | 37.161 | ng    | 94       |
| 55) Dibenzofuran              | 10.092 | 168  | 433785   | 41.122 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 40886    | 33.870 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.080 | 165  | 107426   | 43.362 | ng    | 97       |
| 58) Fluorene                  | 10.433 | 166  | 379503   | 45.178 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 83178    | 43.667 | ng    | 98       |
| 60) Diethylphthalate          | 10.304 | 149  | 391111   | 47.941 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 187854   | 45.470 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 83654    | 43.852 | ng    | 95       |
| 63) Azobenzene                | 10.586 | 77   | 402583   | 44.493 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 62111    | 40.752 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 311799   | 39.929 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.916 | 248  | 106697   | 39.448 | ng    | 99       |
| 68) Hexachlorobenzene         | 10.980 | 284  | 112516   | 40.289 | ng    | 100      |
| 69) Atrazine                  | 11.069 | 200  | 77774    | 38.603 | ng    | 99       |
| 70) Pentachlorophenol         | 11.186 | 266  | 41348    | 32.847 | ng    | 99       |
| 71) Phenanthrene              | 11.398 | 178  | 501608   | 38.994 | ng    | 100      |
| 72) Anthracene                | 11.451 | 178  | 502163   | 39.626 | ng    | 100      |
| 73) Carbazole                 | 11.604 | 167  | 424624   | 38.838 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 542592   | 44.146 | ng    | 100      |
| 75) Fluoranthene              | 12.586 | 202  | 470577   | 39.185 | ng    | 99       |
| 77) Benzidine                 | 12.710 | 184  | 95857    | 32.322 | ng    | 100      |
| 78) Pyrene                    | 12.816 | 202  | 466753   | 39.981 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 168520   | 45.078 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.004 | 228  | 331740   | 38.853 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 95916    | 43.897 | ng    | 100      |
| 83) Chrysene                  | 14.039 | 228  | 309569   | 40.187 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.980 | 149  | 239639   | 43.775 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 411493   | 40.628 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 401707   | 39.433 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 342652   | 38.885 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 293838   | 38.513 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.421 | 252  | 294512   | 39.734 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.980 | 278  | 326983   | 39.102 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.415 | 276  | 341582   | 39.364 | ng    | 98       |

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

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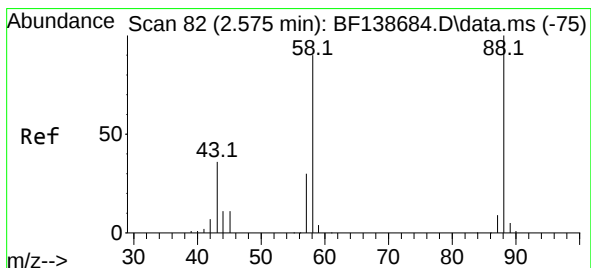
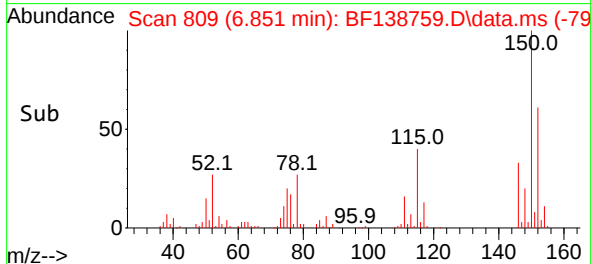
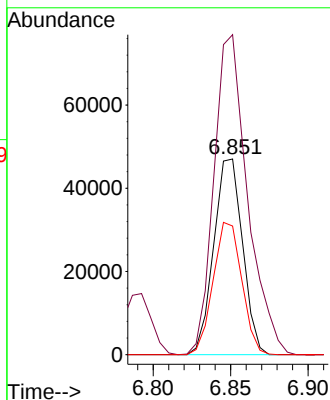
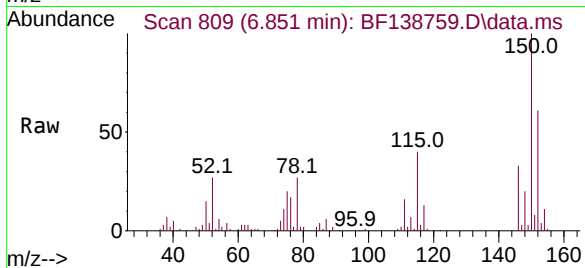




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.851 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: BF138759.D  
 Acq: 03 Aug 2024 09:28

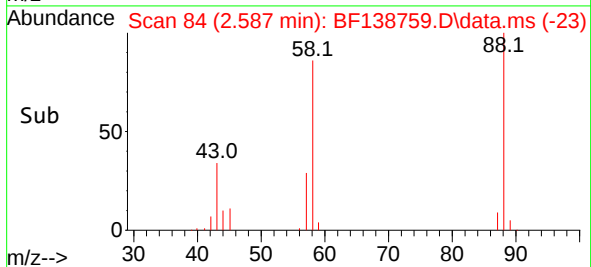
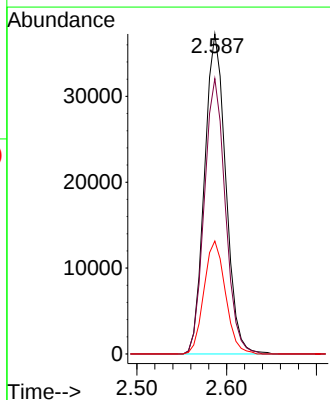
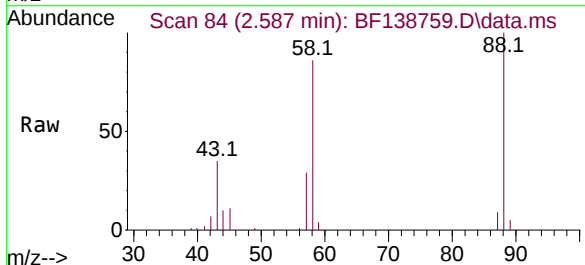
Instrument :  
 BNA\_F  
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 SSTDCCC040

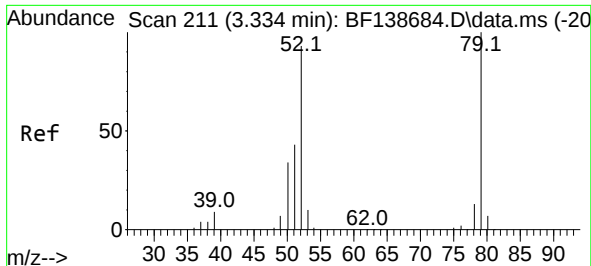
Tgt Ion:152 Resp: 60912  
 Ion Ratio Lower Upper  
 152 100  
 150 163.5 126.0 189.0  
 115 65.7 51.7 77.5



#2  
 1,4-Dioxane  
 Concen: 35.494 ng  
 RT: 2.587 min Scan# 84  
 Delta R.T. 0.012 min  
 Lab File: BF138759.D  
 Acq: 03 Aug 2024 09:28

Tgt Ion: 88 Resp: 61318  
 Ion Ratio Lower Upper  
 88 100  
 58 85.2 71.6 107.4  
 43 35.7 28.7 43.1





#3

Pyridine

Concen: 33.563 ng

RT: 3.351 min Scan# 211

Delta R.T. 0.018 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

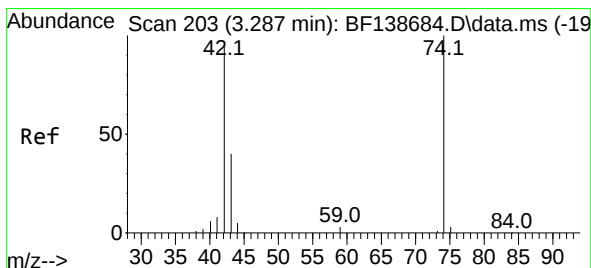
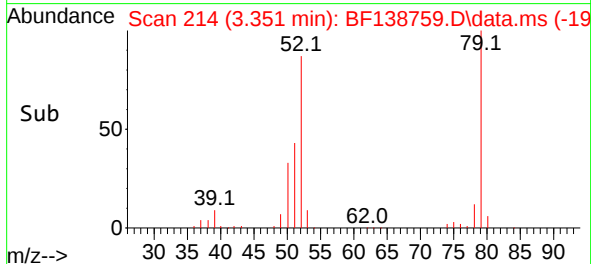
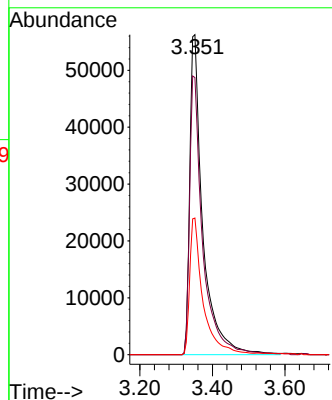
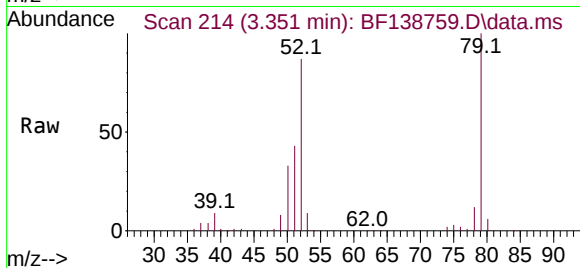
Tgt Ion: 79 Resp: 140457

Ion Ratio Lower Upper

79 100

52 86.6 74.7 112.1

51 42.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 33.213 ng

RT: 3.304 min Scan# 206

Delta R.T. 0.018 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

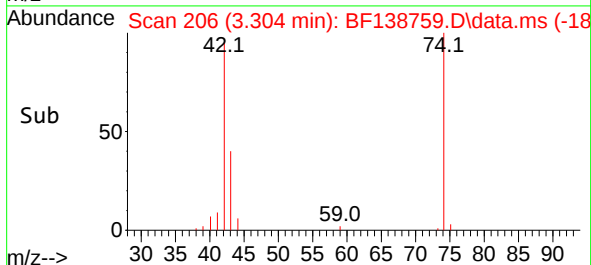
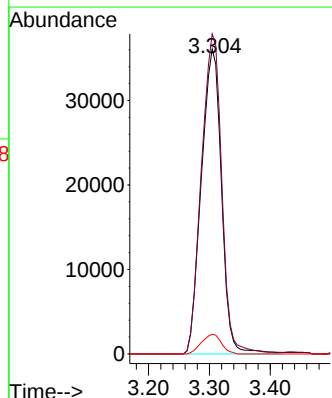
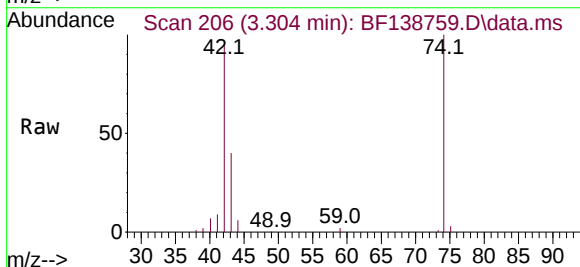
Tgt Ion: 42 Resp: 82782

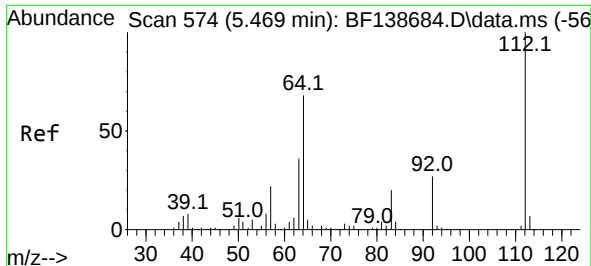
Ion Ratio Lower Upper

42 100

74 104.9 84.2 126.4

44 6.5 4.9 7.3

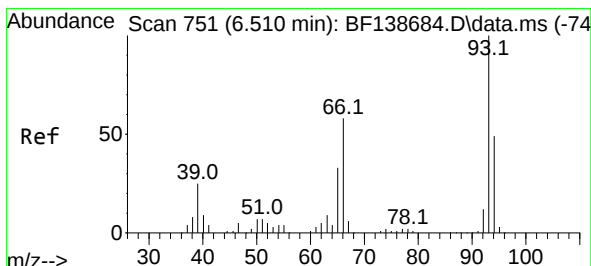
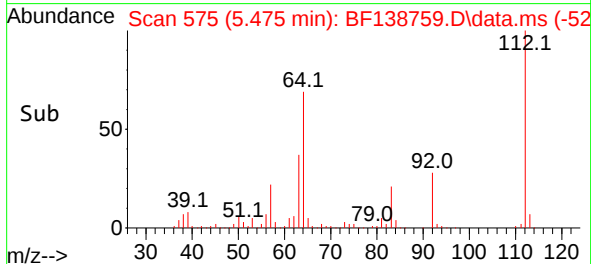
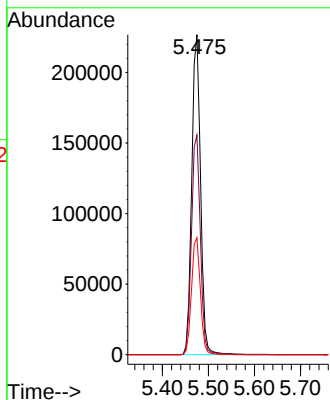
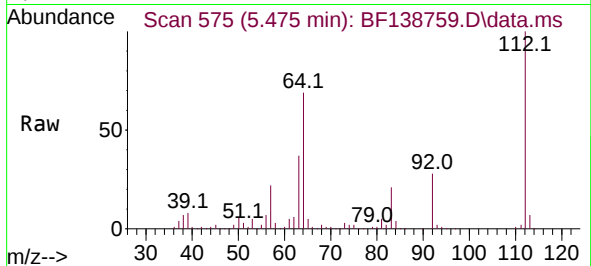




#5  
2-Fluorophenol  
Concen: 76.221 ng  
RT: 5.475 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

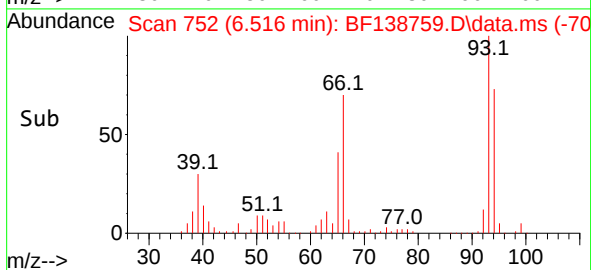
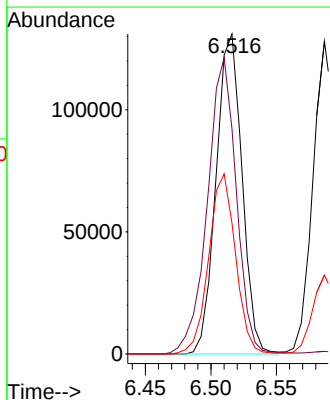
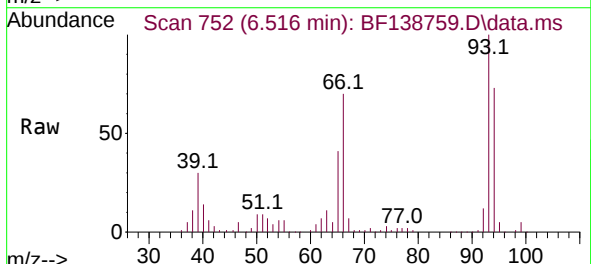
Instrument :  
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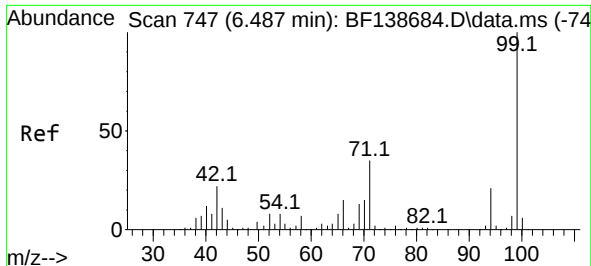
Tgt Ion:112 Resp: 300767  
Ion Ratio Lower Upper  
112 100  
64 68.6 54.2 81.4  
63 36.5 28.7 43.1



#6  
Aniline  
Concen: 38.120 ng  
RT: 6.516 min Scan# 752  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion: 93 Resp: 180105  
Ion Ratio Lower Upper  
93 100  
66 70.4 46.9 70.3#  
65 40.9 26.5 39.7#





#7

Phenol-d6

Concen: 77.869 ng

RT: 6.492 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

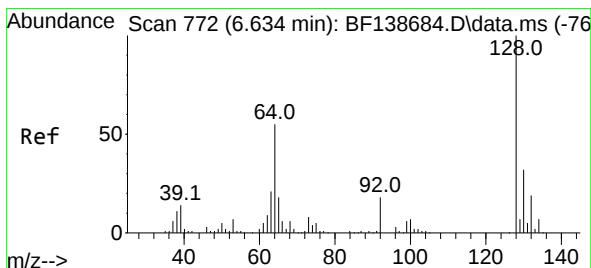
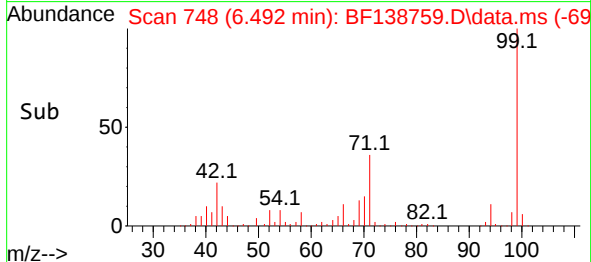
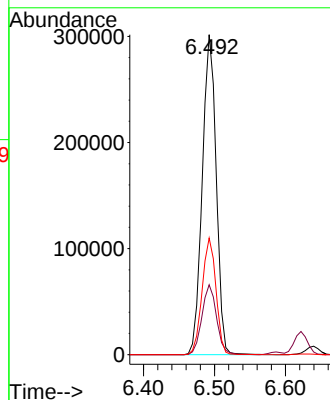
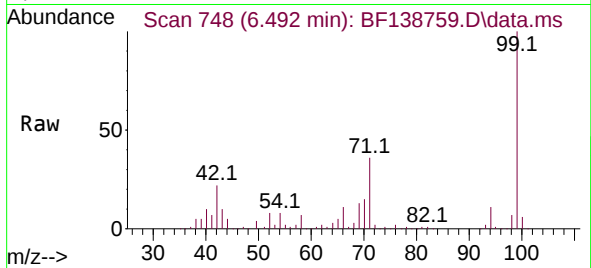
Tgt Ion: 99 Resp: 412539

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.0

71 36.5 28.1 42.1



#8

2-Chlorophenol

Concen: 38.808 ng

RT: 6.640 min Scan# 773

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

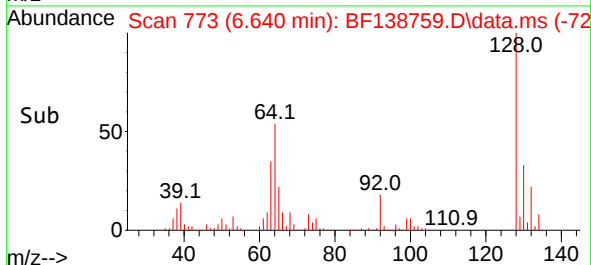
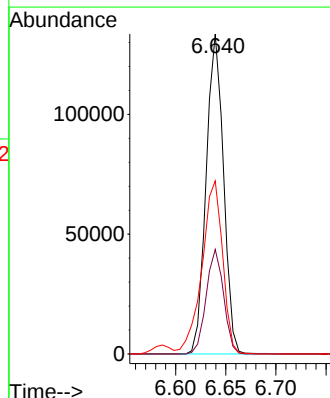
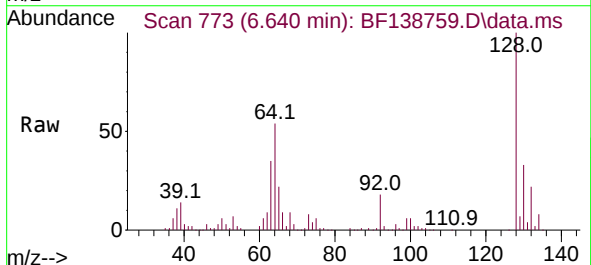
Tgt Ion:128 Resp: 161117

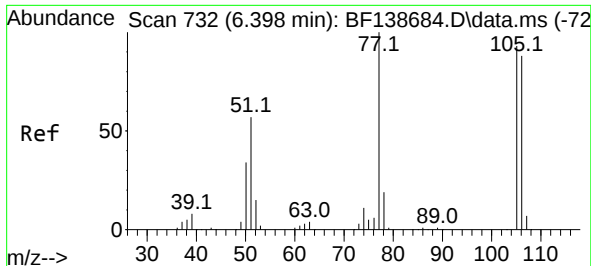
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 54.1 36.3 76.3





#9

Benzaldehyde

Concen: 45.762 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

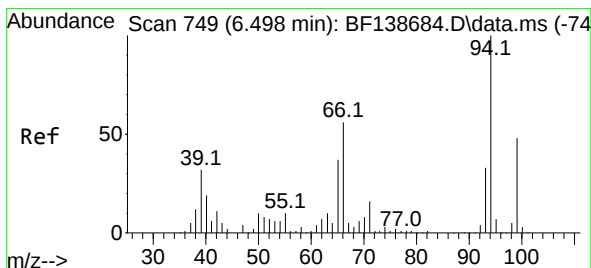
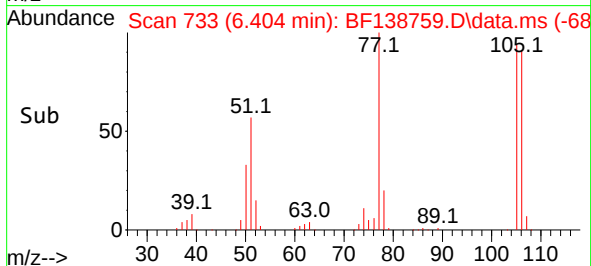
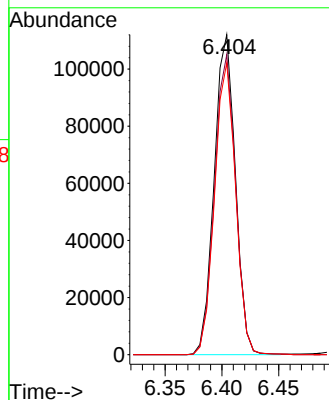
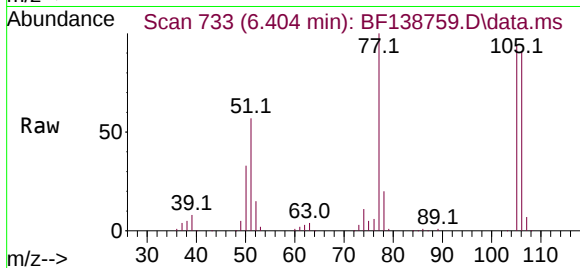
Tgt Ion: 77 Resp: 145333

Ion Ratio Lower Upper

77 100

105 93.7 72.9 112.9

106 91.2 68.4 108.4



#10

Phenol

Concen: 38.294 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.012 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

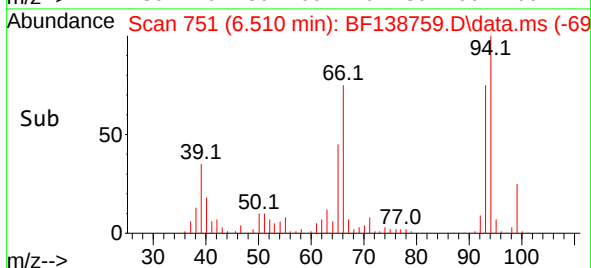
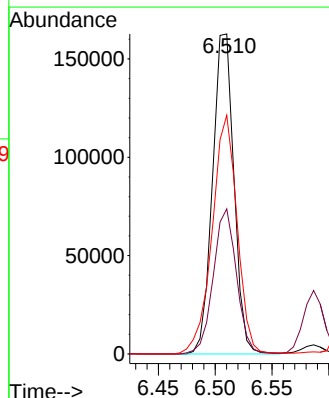
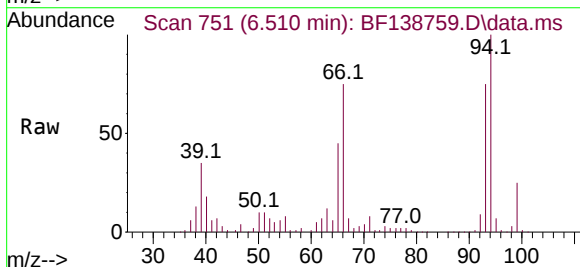
Tgt Ion: 94 Resp: 213603

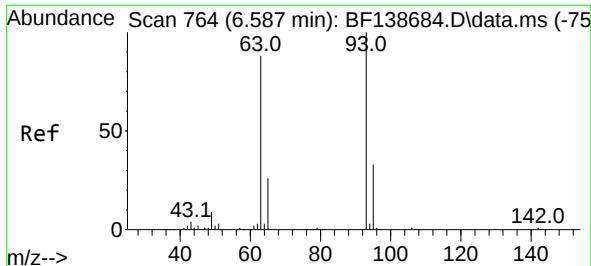
Ion Ratio Lower Upper

94 100

65 45.4 16.9 56.9

66 74.6 36.5 76.5

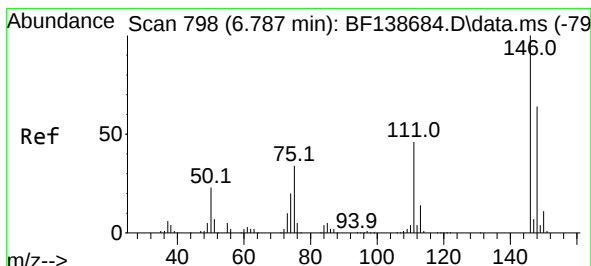
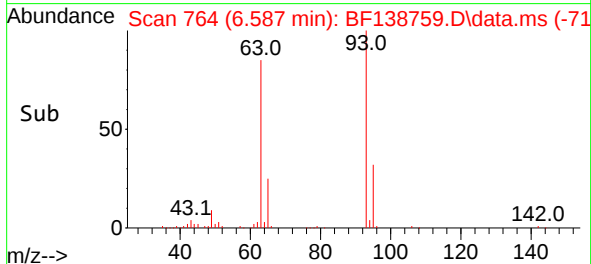
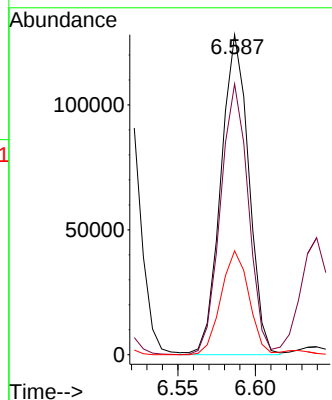
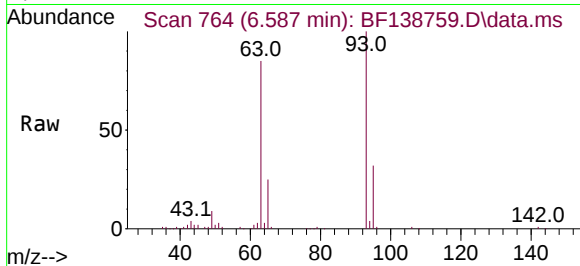




#11  
bis(2-Chloroethyl)ether  
Concen: 37.433 ng  
RT: 6.587 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

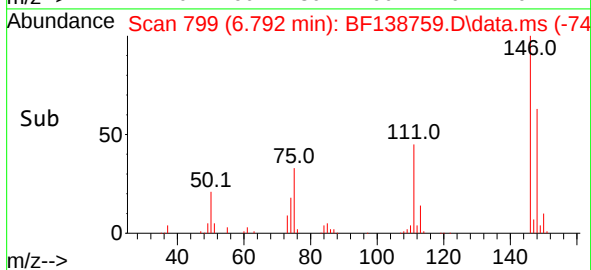
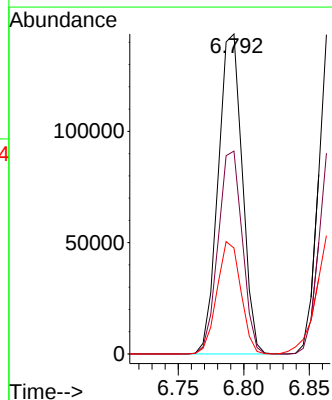
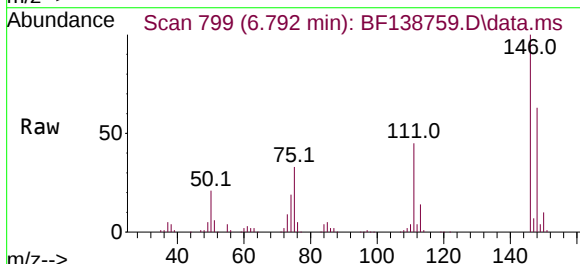
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

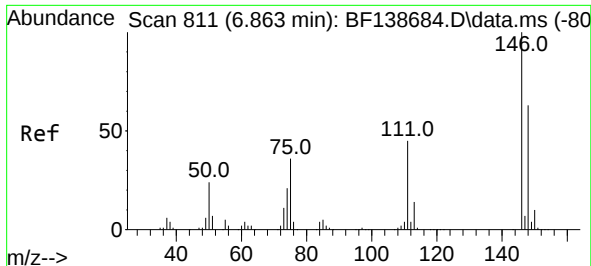
Tgt Ion: 93 Resp: 160678  
Ion Ratio Lower Upper  
93 100  
63 84.6 65.3 105.3  
95 32.5 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 39.433 ng  
RT: 6.792 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:146 Resp: 183255  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.2 76.8  
75 33.1 27.4 41.2

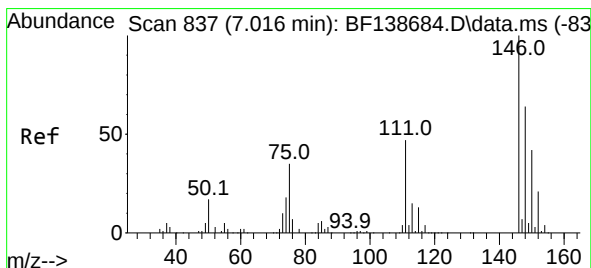
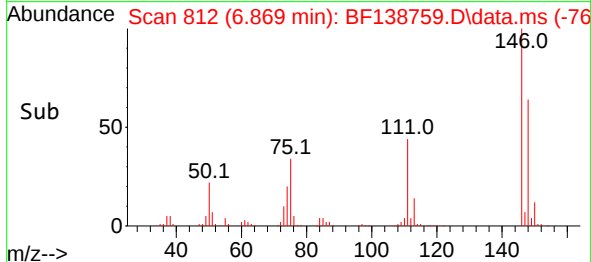
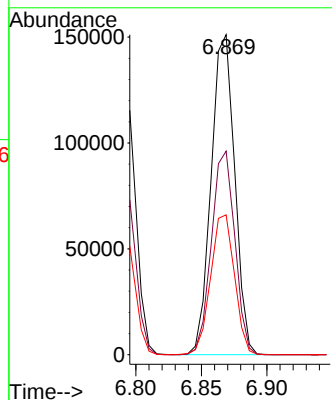
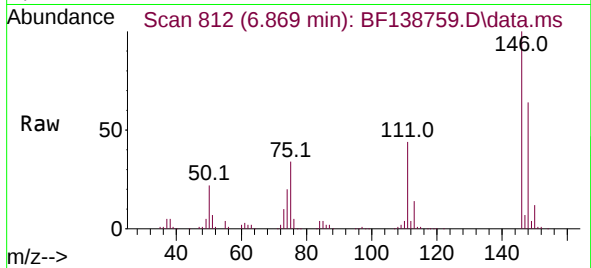




#13  
1,4-Dichlorobenzene  
Concen: 40.312 ng  
RT: 6.869 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

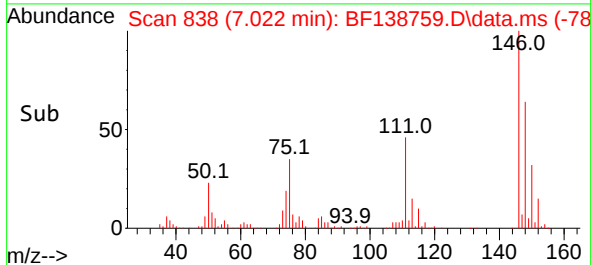
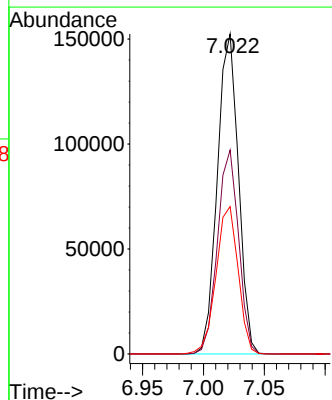
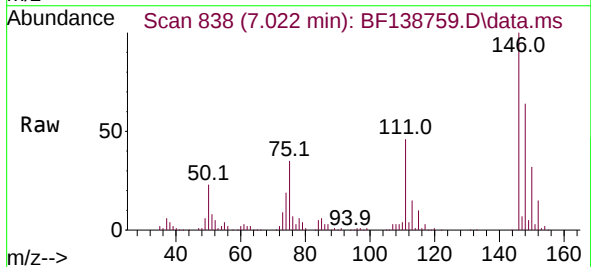
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

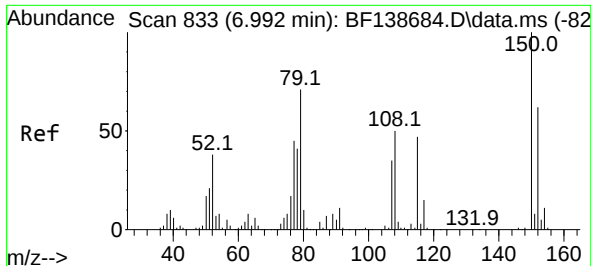
Tgt Ion:146 Resp: 189059  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.2 75.2  
111 43.7 35.9 53.9



#14  
1,2-Dichlorobenzene  
Concen: 41.963 ng  
RT: 7.022 min Scan# 838  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:146 Resp: 183927  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.8 76.2  
111 46.1 37.4 56.2

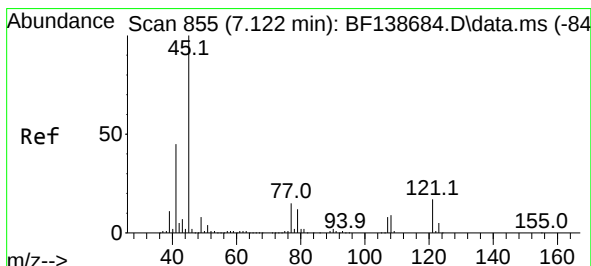
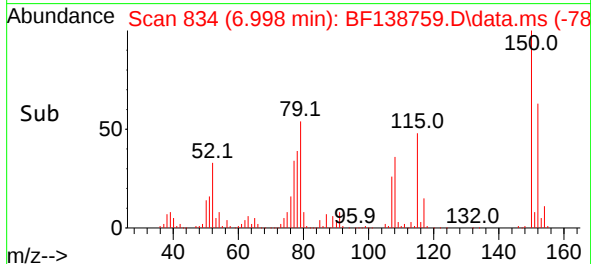
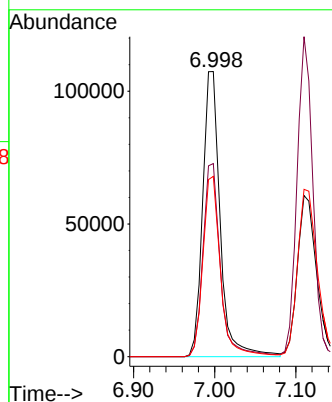
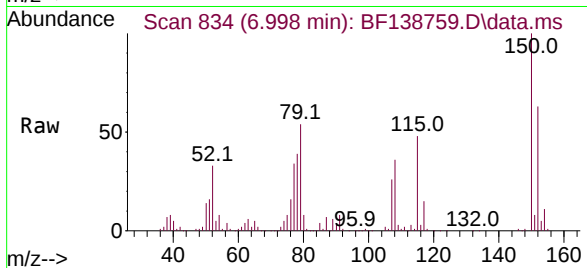




#15  
Benzyl Alcohol  
Concen: 42.134 ng  
RT: 6.998 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

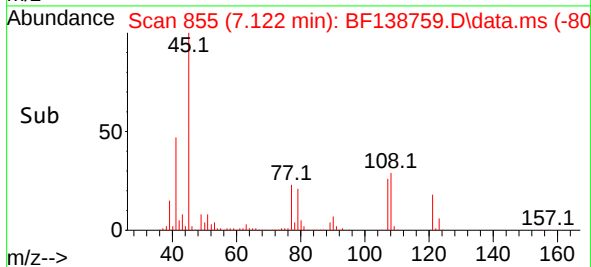
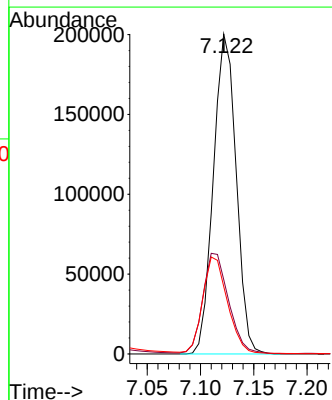
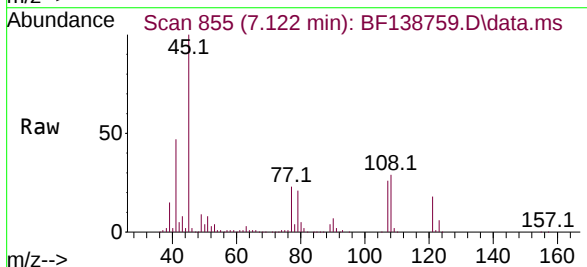
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

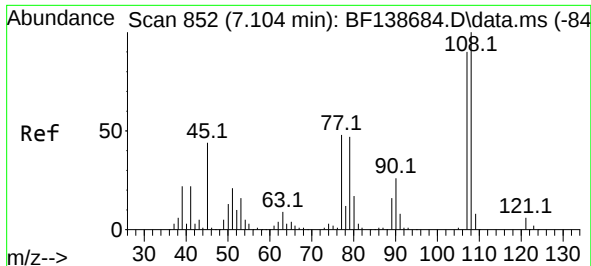
Tgt Ion: 79 Resp: 160886  
Ion Ratio Lower Upper  
79 100  
108 67.7 56.6 85.0  
77 63.2 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.219 ng  
RT: 7.122 min Scan# 855  
Delta R.T. -0.000 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion: 45 Resp: 297104  
Ion Ratio Lower Upper  
45 100  
77 23.3 0.0 34.9  
79 21.1 0.0 32.2

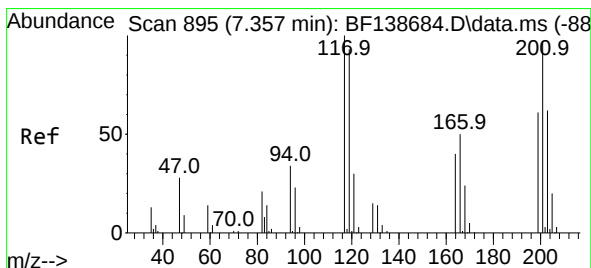
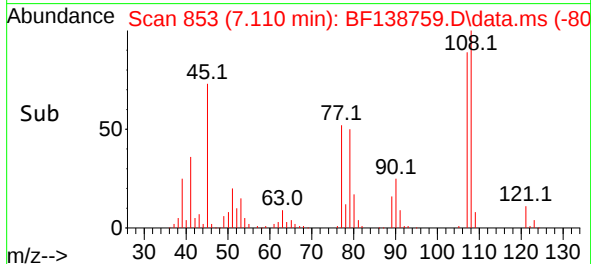
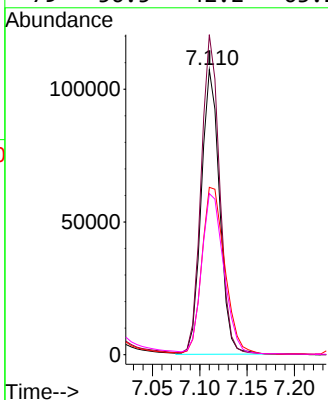
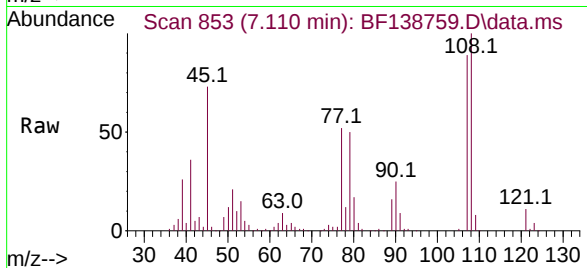




#17  
2-Methylphenol  
Concen: 42.100 ng  
RT: 7.110 min Scan# 853  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

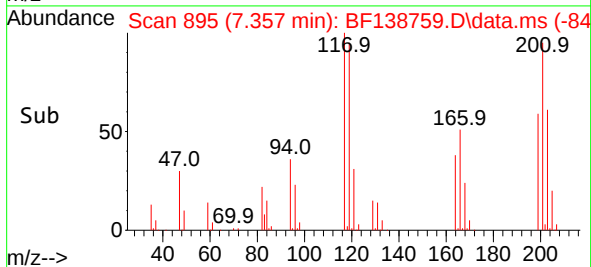
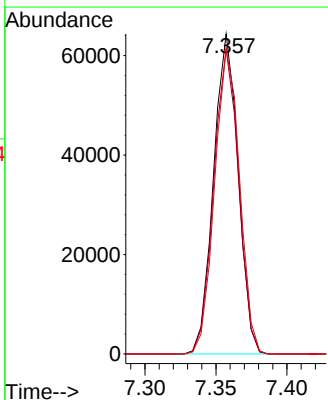
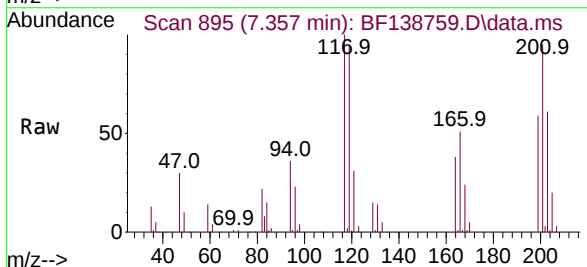
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

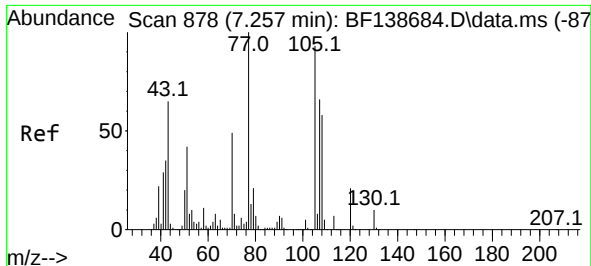
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 144327 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.3 | 89.2  | 133.8  |
| 77       | 58.7  | 43.0  | 64.4   |
| 79       | 56.5  | 42.2  | 63.2   |



#18  
Hexachloroethane  
Concen: 43.897 ng  
RT: 7.357 min Scan# 895  
Delta R.T. -0.000 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 77495 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.3  | 74.6  | 111.8 |
| 201      | 95.4  | 77.2  | 115.8 |



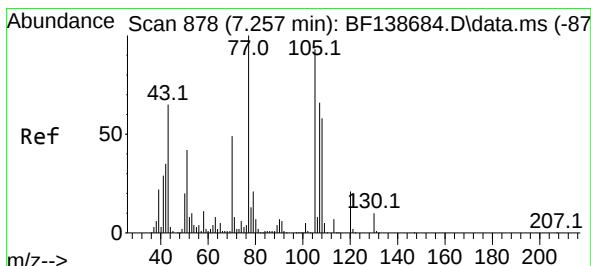
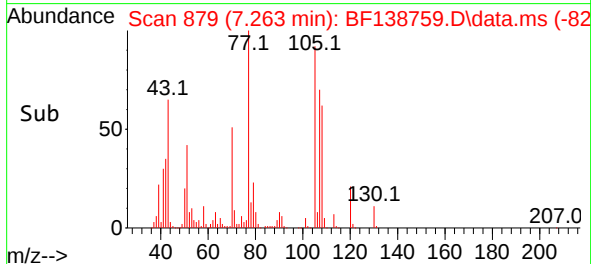
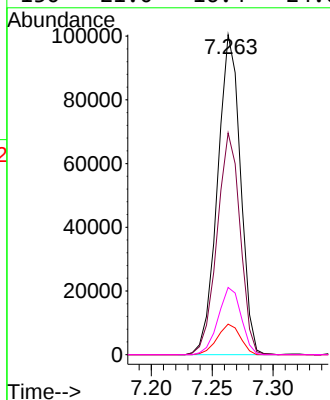
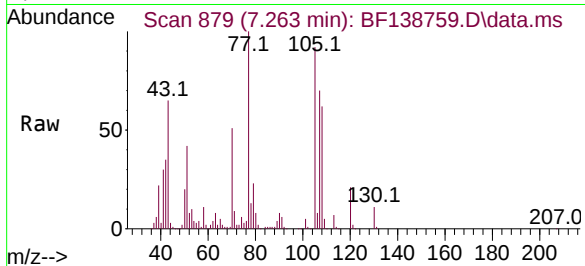


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.131 ng  
RT: 7.263 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 131612

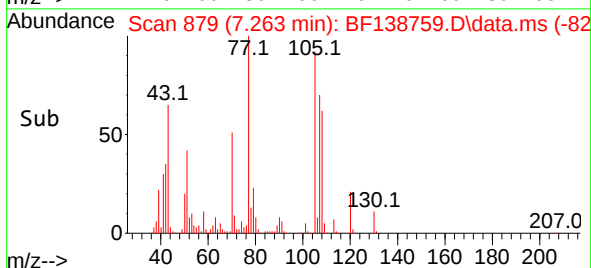
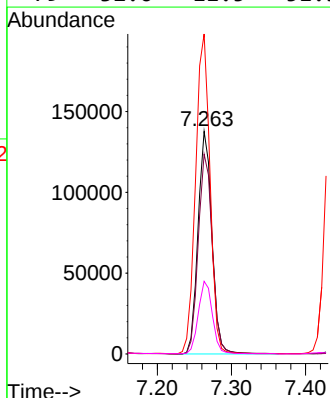
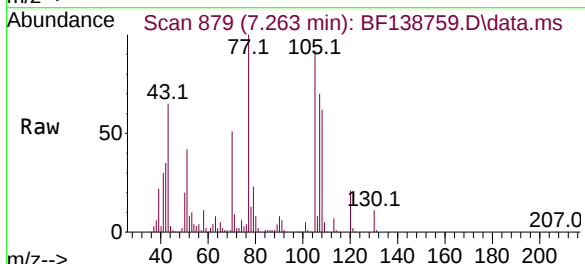
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 69.3  | 57.4  | 86.0  |
| 101 | 9.6   | 7.5   | 11.3  |
| 130 | 21.0  | 16.4  | 24.6  |

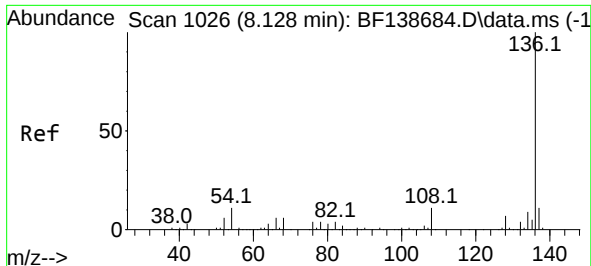


#20  
3+4-Methylphenols  
Concen: 40.888 ng  
RT: 7.263 min Scan# 879  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion: 107 Resp: 179843

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.8  | 68.2  | 108.2 |
| 77  | 143.8 | 132.1 | 172.1 |
| 79  | 32.6  | 11.5  | 51.5  |

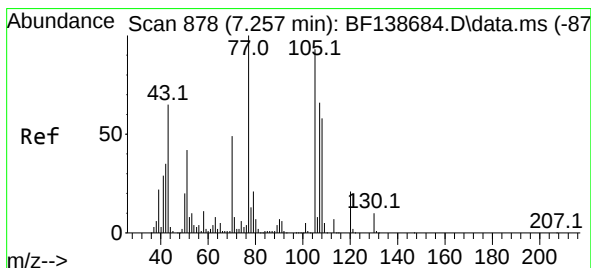
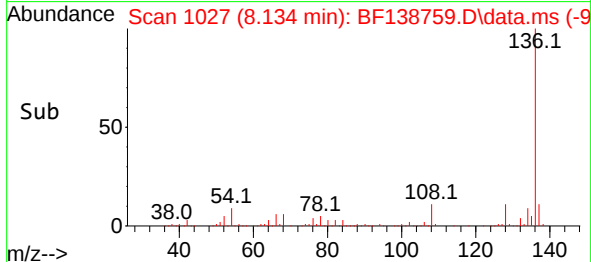
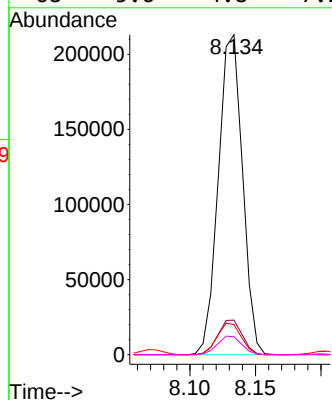
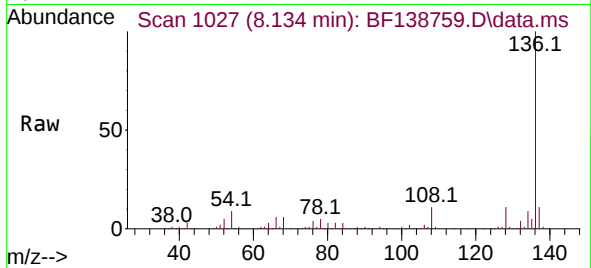




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.134 min Scan# 1026  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

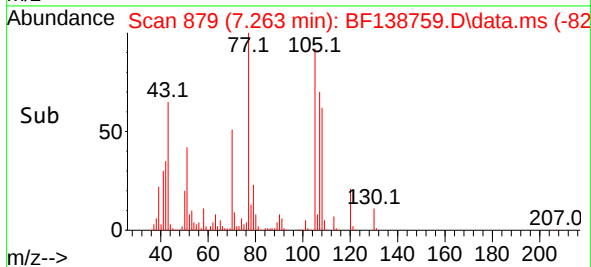
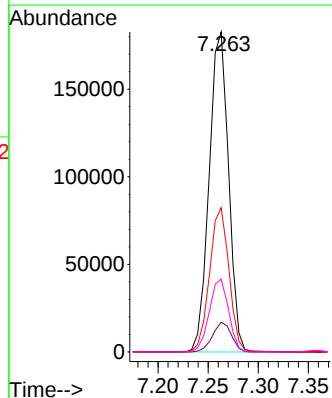
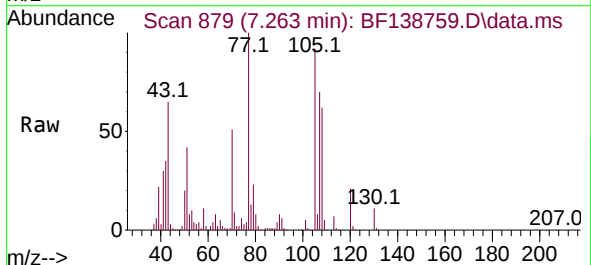
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

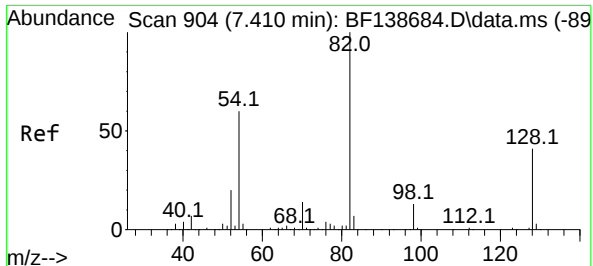
Tgt Ion:136 Resp: 273242  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 9.4 8.6 12.8  
68 5.6 4.8 7.2



#22  
Acetophenone  
Concen: 36.801 ng  
RT: 7.263 min Scan# 879  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:105 Resp: 246211  
Ion Ratio Lower Upper  
105 100  
71 9.3 7.2 10.8  
51 45.1 35.9 53.9  
120 22.7 17.6 26.4





#23

Nitrobenzene-d5

Concen: 80.099 ng

RT: 7.416 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

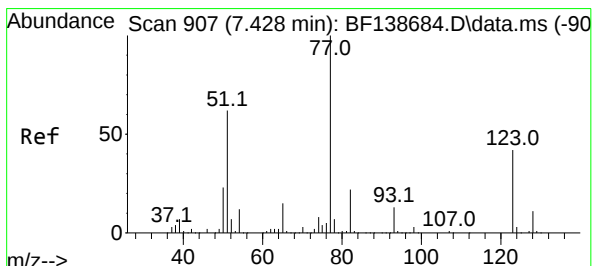
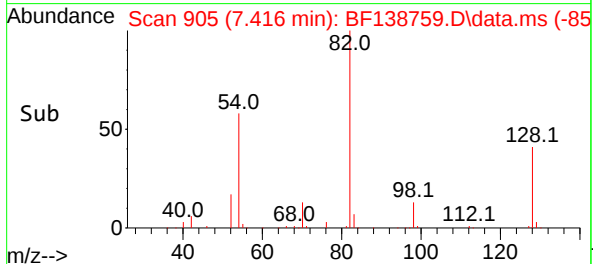
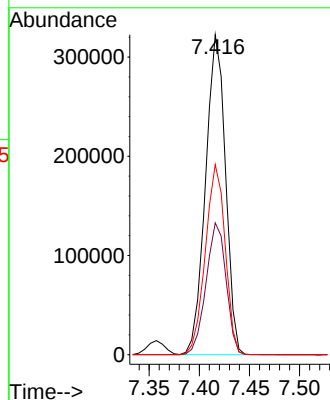
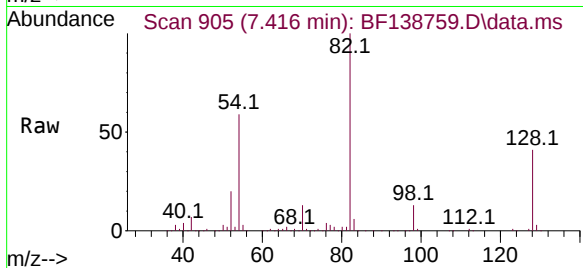
Tgt Ion: 82 Resp: 447653

Ion Ratio Lower Upper

82 100

128 41.2 32.8 49.2

54 59.4 48.3 72.5



#24

Nitrobenzene

Concen: 39.641 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

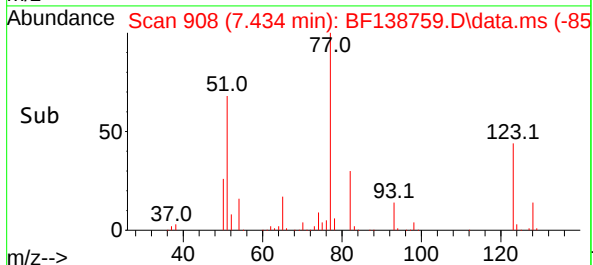
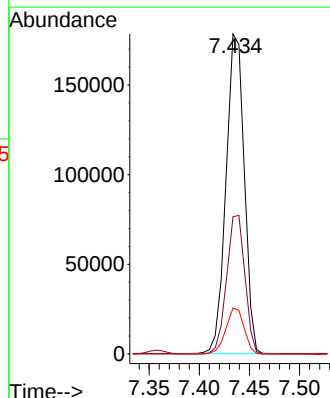
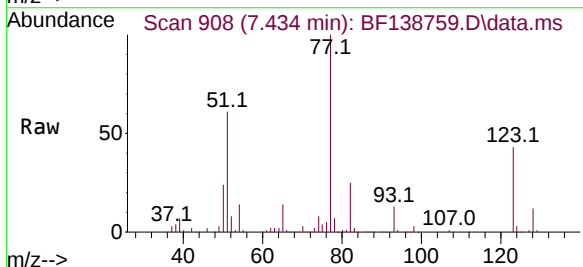
Tgt Ion: 77 Resp: 225436

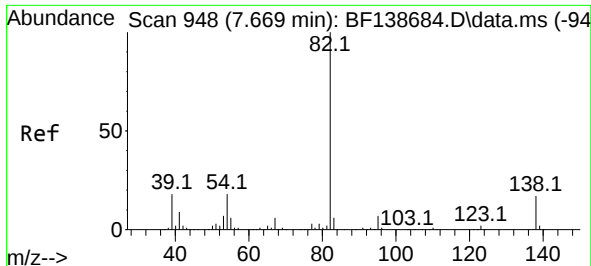
Ion Ratio Lower Upper

77 100

123 42.9 33.3 49.9

65 14.3 11.9 17.9

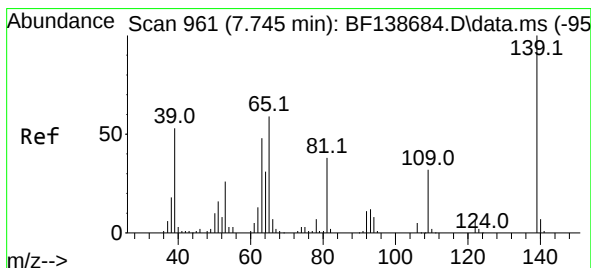
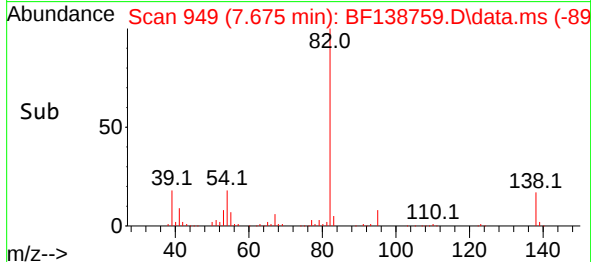
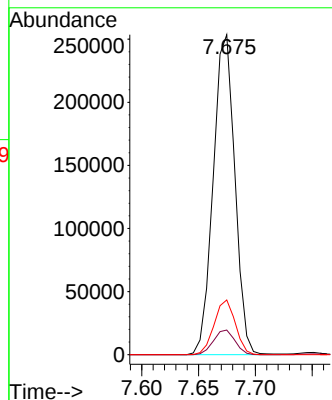
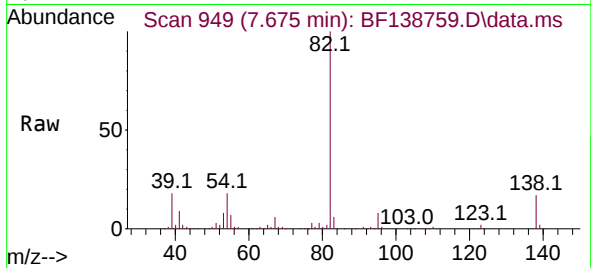




#25  
Isophorone  
Concen: 35.246 ng  
RT: 7.675 min Scan# 949  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

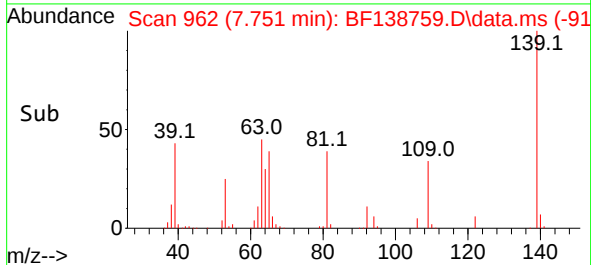
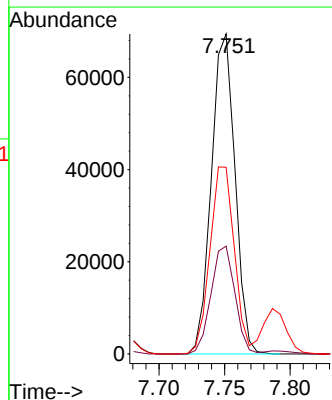
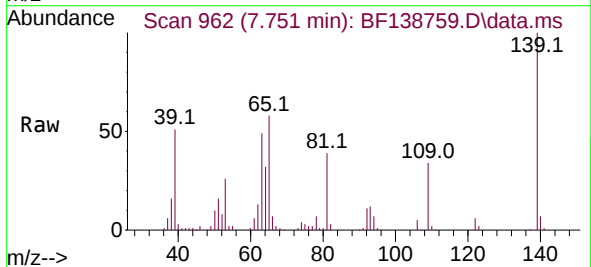
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

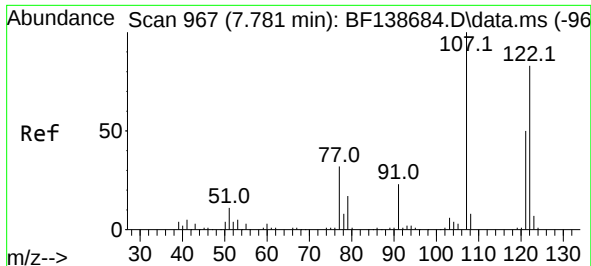
Tgt Ion: 82 Resp: 336359  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.7 8.5  
138 17.1 13.7 20.5



#26  
2-Nitrophenol  
Concen: 35.594 ng  
RT: 7.751 min Scan# 962  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:139 Resp: 87089  
Ion Ratio Lower Upper  
139 100  
109 33.7 25.9 38.9  
65 58.3 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 35.566 ng

RT: 7.786 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

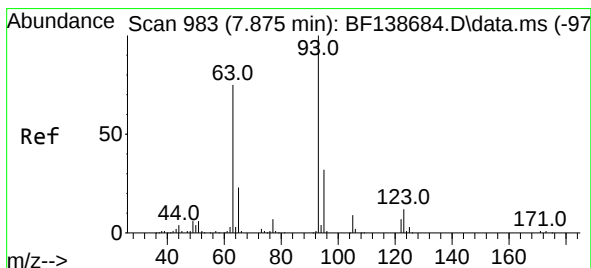
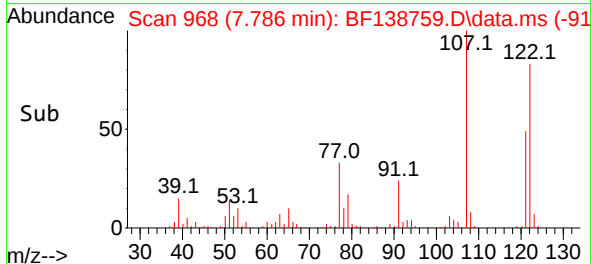
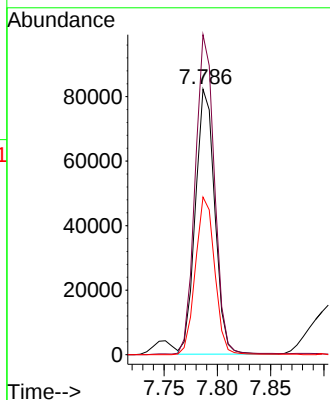
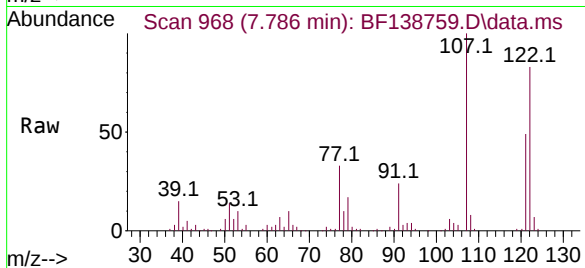
Tgt Ion:122 Resp: 104117

Ion Ratio Lower Upper

122 100

107 120.5 95.0 142.6

121 59.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 35.171 ng

RT: 7.881 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

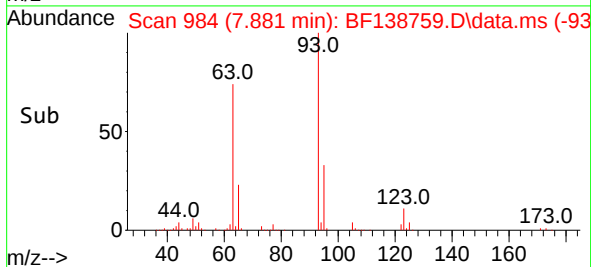
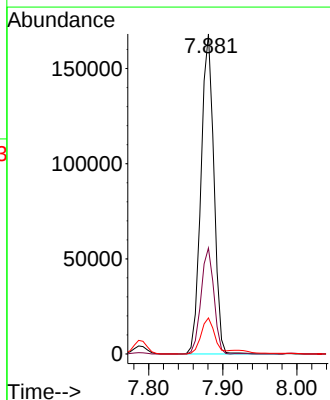
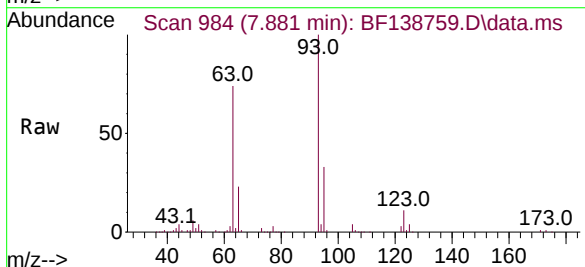
Tgt Ion: 93 Resp: 204392

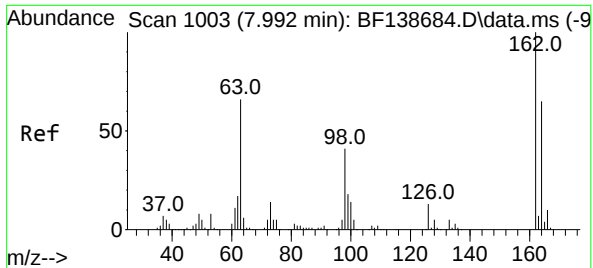
Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.8

123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 37.735 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

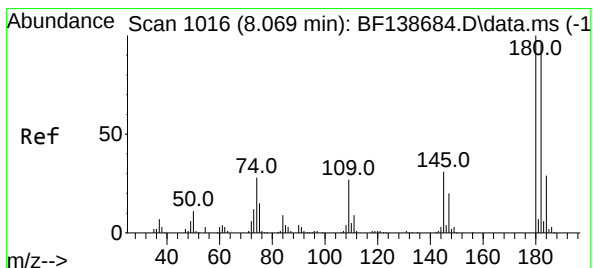
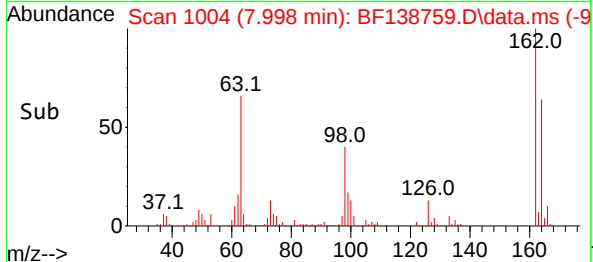
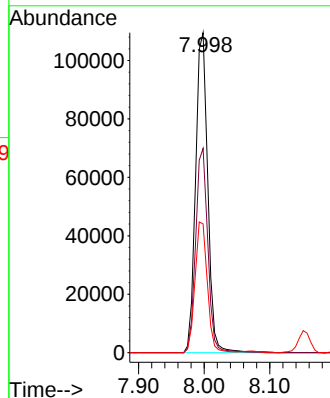
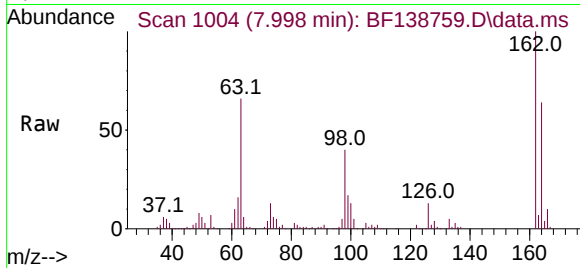
Tgt Ion:162 Resp: 141947

Ion Ratio Lower Upper

162 100

164 63.8 44.7 84.7

98 40.3 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 39.519 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

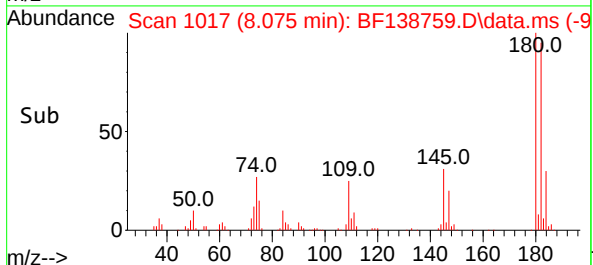
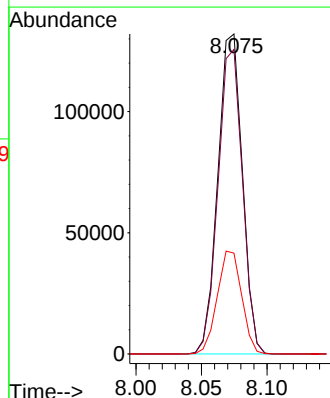
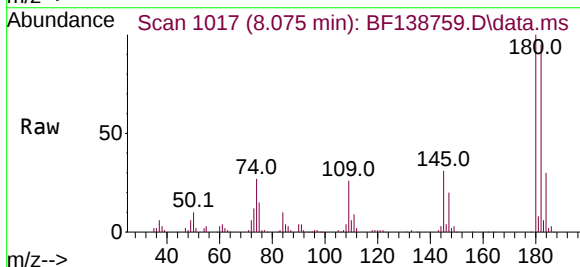
Tgt Ion:180 Resp: 171554

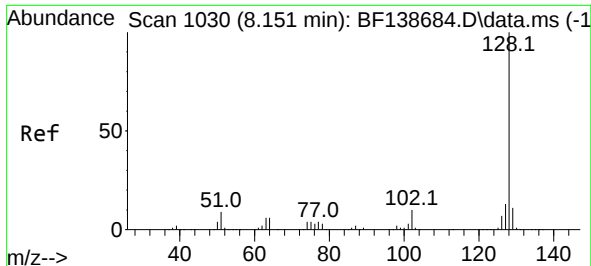
Ion Ratio Lower Upper

180 100

182 95.1 76.9 115.3

145 31.5 25.0 37.4

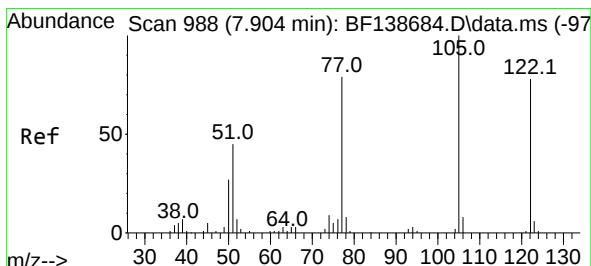
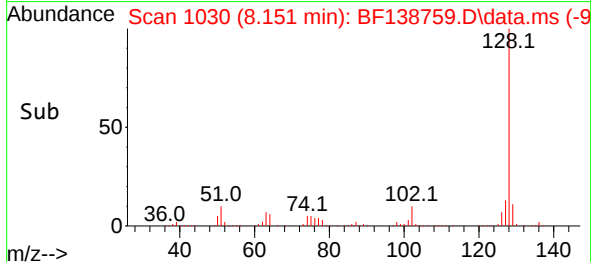
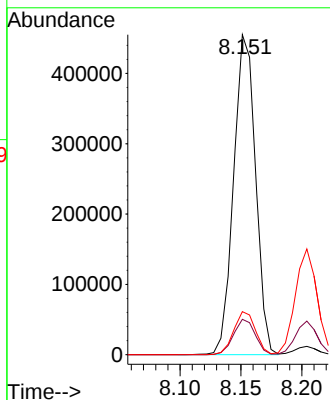
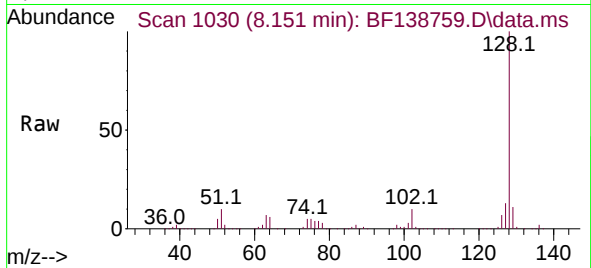




#31  
Naphthalene  
Concen: 39.609 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

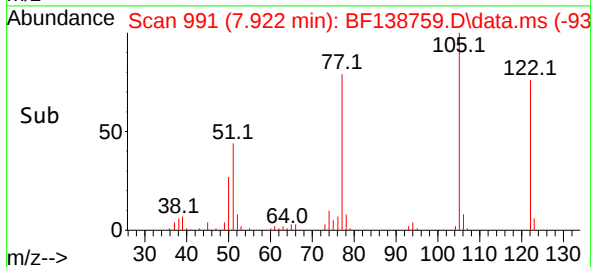
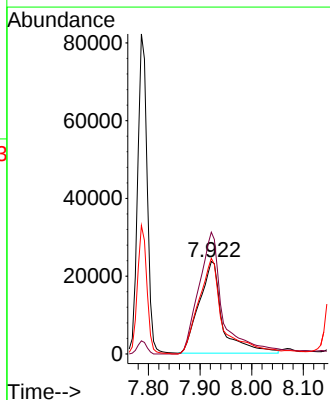
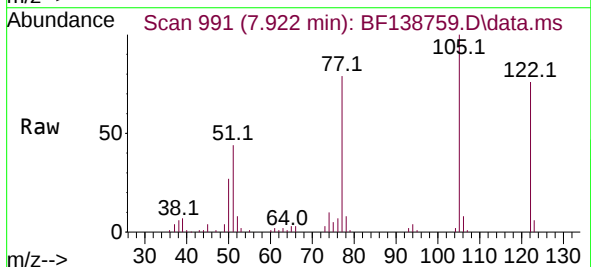
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

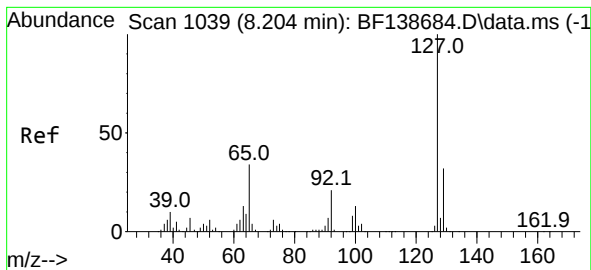
Tgt Ion:128 Resp: 569680  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.5 10.6 16.0



#32  
Benzoic acid  
Concen: 32.276 ng  
RT: 7.922 min Scan# 991  
Delta R.T. 0.018 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:122 Resp: 74273  
Ion Ratio Lower Upper  
122 100  
105 131.8 106.7 146.7  
77 103.4 81.1 121.1





#33

4-Chloroaniline

Concen: 39.509 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 190747

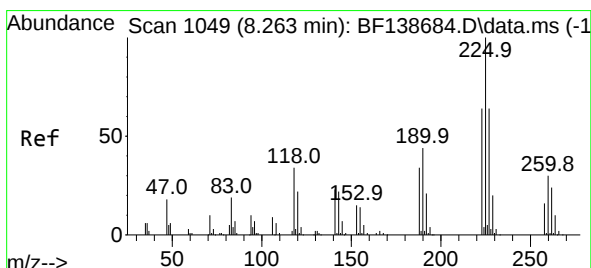
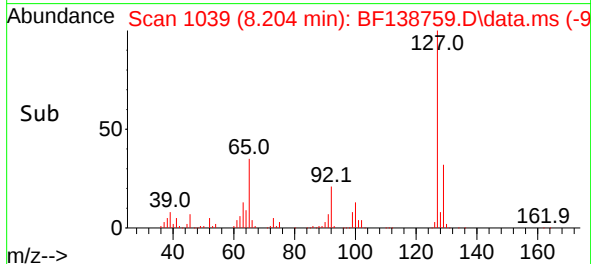
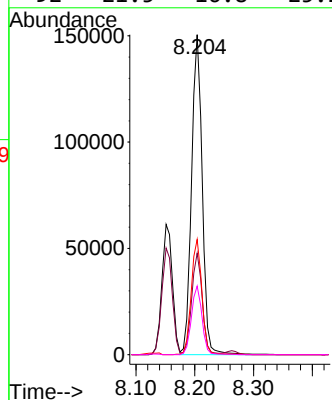
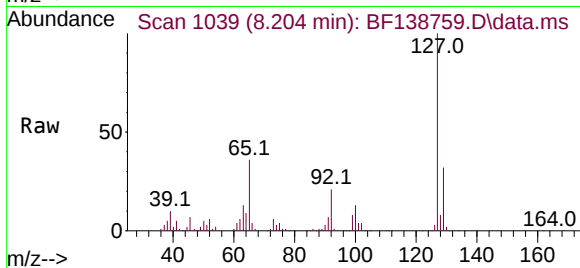
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 36.0 27.6 41.4

92 21.5 16.8 25.2



#34

Hexachlorobutadiene

Concen: 40.383 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

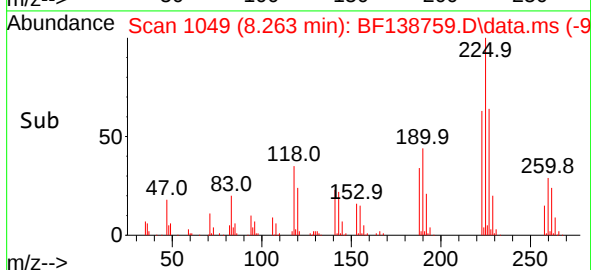
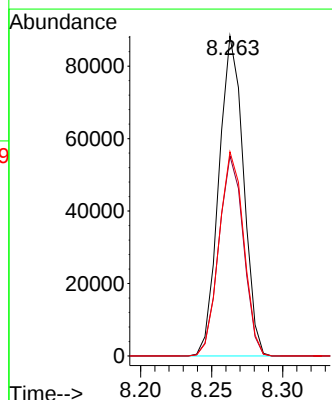
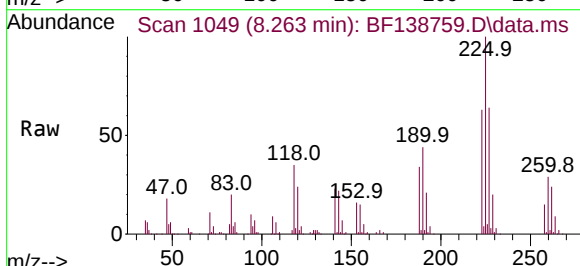
Tgt Ion:225 Resp: 106183

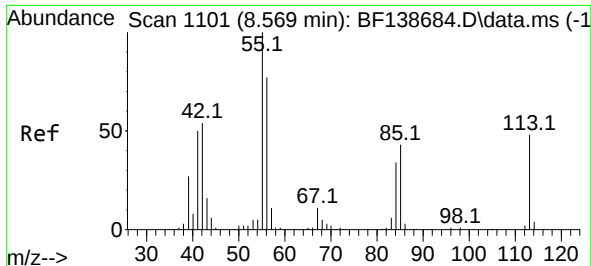
Ion Ratio Lower Upper

225 100

223 62.5 51.2 76.8

227 63.8 51.1 76.7

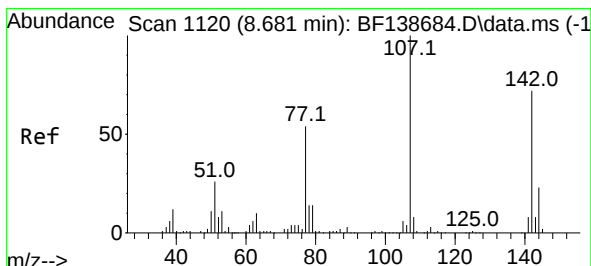
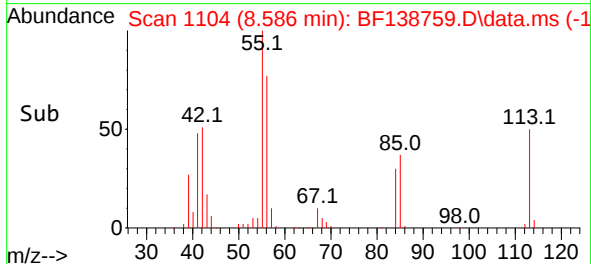
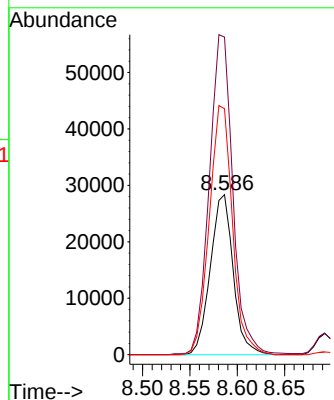
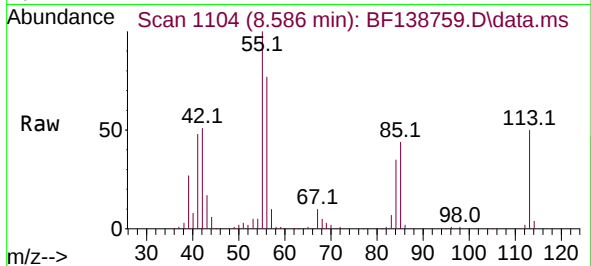




#35  
Caprolactam  
Concen: 42.400 ng  
RT: 8.586 min Scan# 1104  
Delta R.T. 0.018 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

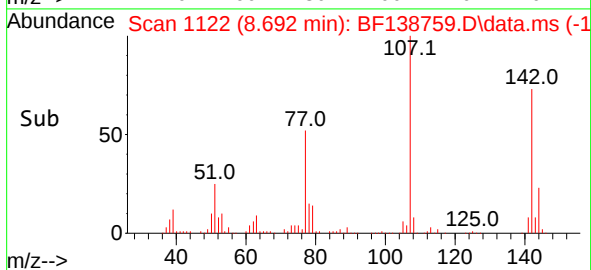
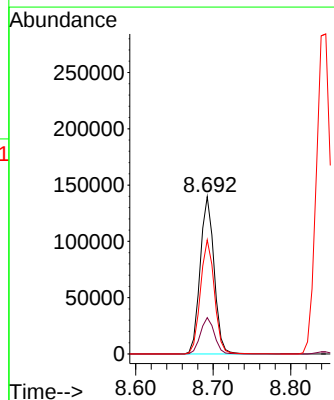
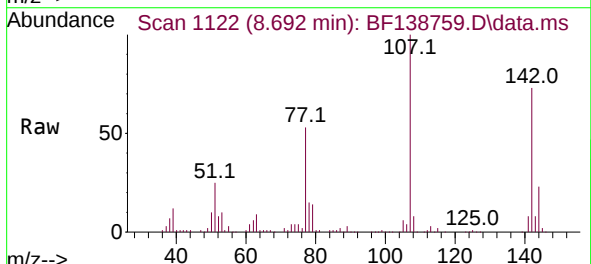
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

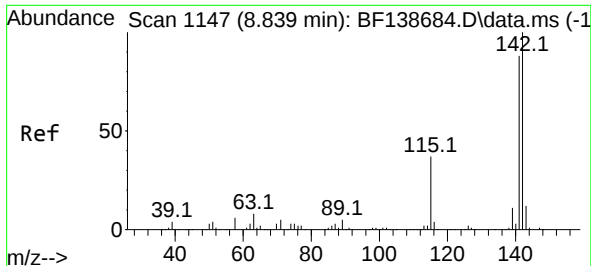
Tgt Ion:113 Resp: 47591  
Ion Ratio Lower Upper  
113 100  
55 198.4 186.7 226.7  
56 153.7 138.9 178.9



#36  
4-Chloro-3-methylphenol  
Concen: 40.745 ng  
RT: 8.692 min Scan# 1122  
Delta R.T. 0.012 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:107 Resp: 175164  
Ion Ratio Lower Upper  
107 100  
144 23.1 18.2 27.2  
142 72.6 57.4 86.2





#37

2-Methylnaphthalene

Concen: 40.237 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

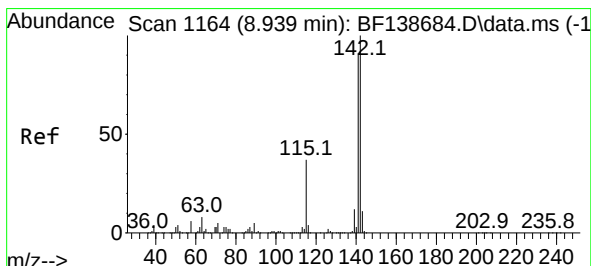
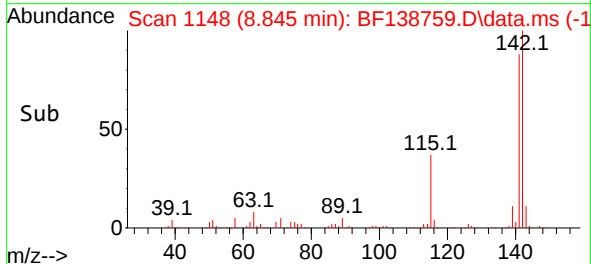
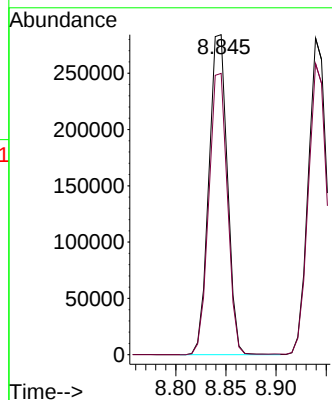
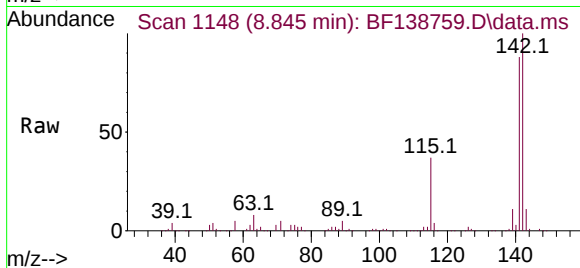
SSTDCCC040

Tgt Ion:142 Resp: 365487

Ion Ratio Lower Upper

142 100

141 87.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 39.841 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF138759.D

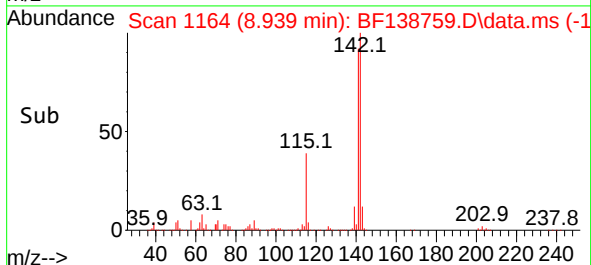
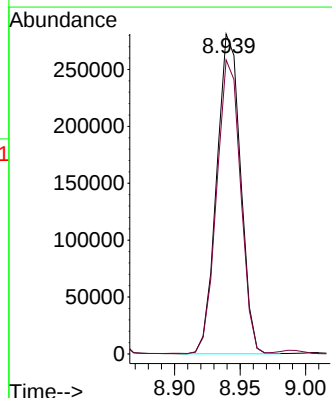
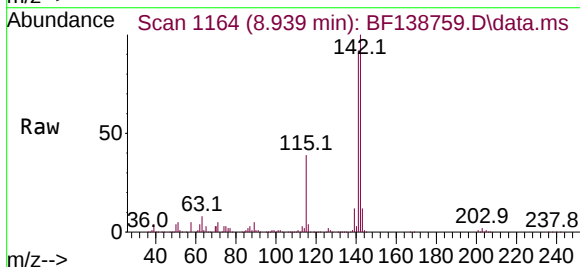
Acq: 03 Aug 2024 09:28

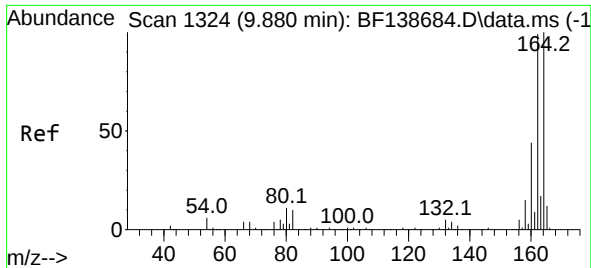
Tgt Ion:142 Resp: 354623

Ion Ratio Lower Upper

142 100

141 91.9 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

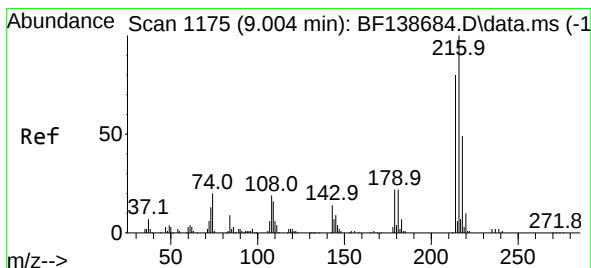
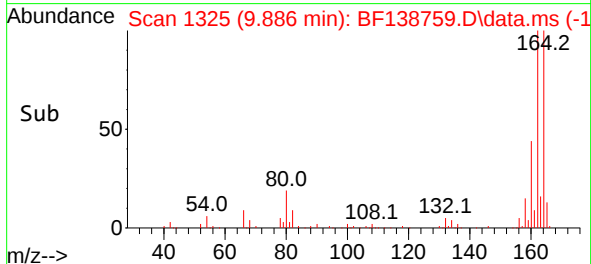
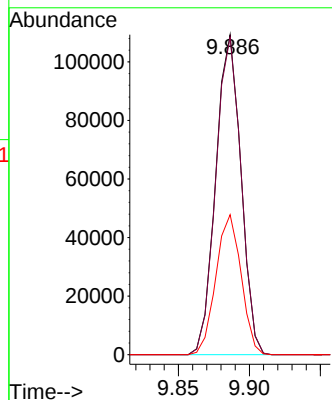
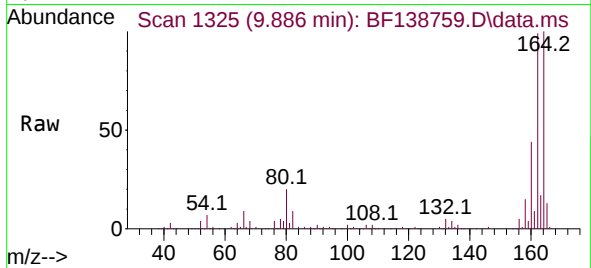
Tgt Ion:164 Resp: 134563

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.0

160 43.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.144 ng

RT: 9.010 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Tgt Ion:216 Resp: 165011

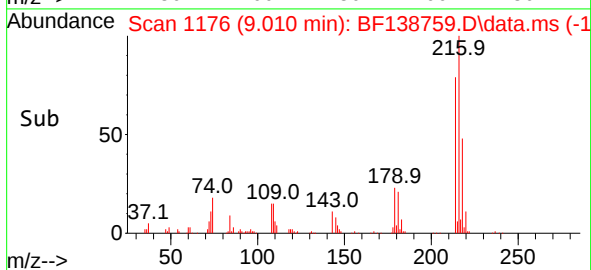
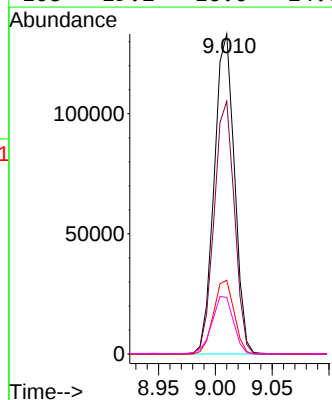
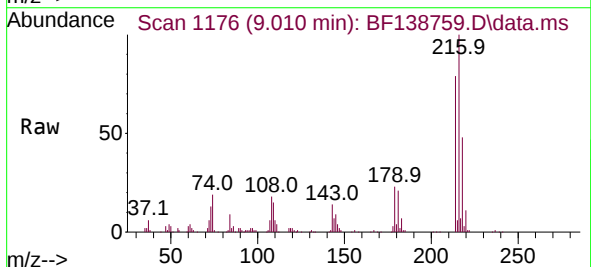
Ion Ratio Lower Upper

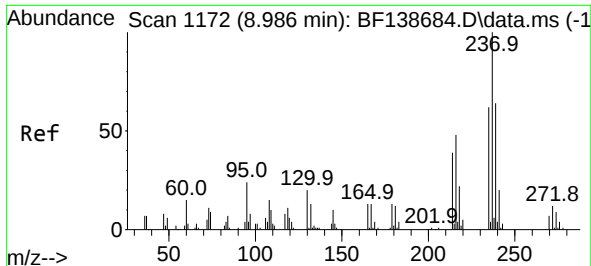
216 100

214 79.1 63.9 95.9

179 23.4 17.8 26.6

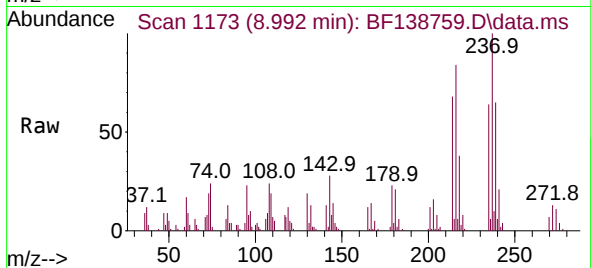
108 19.2 16.0 24.0



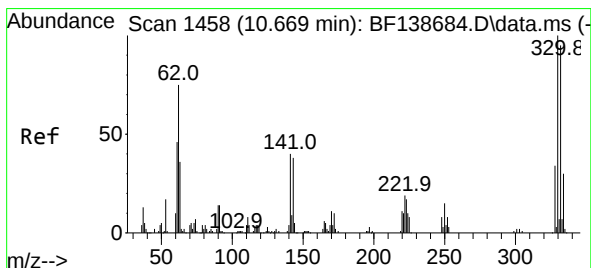
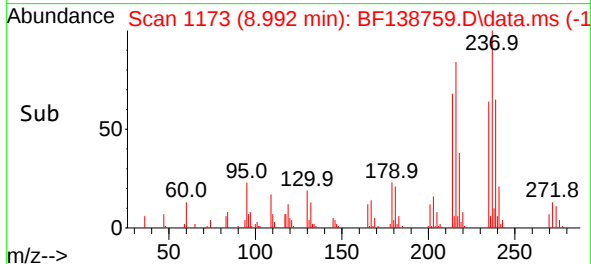
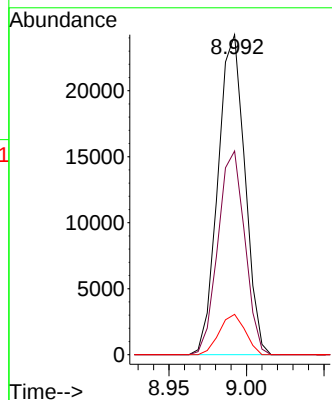


#41  
Hexachlorocyclopentadiene  
Concen: 33.976 ng  
RT: 8.992 min Scan# 1172  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

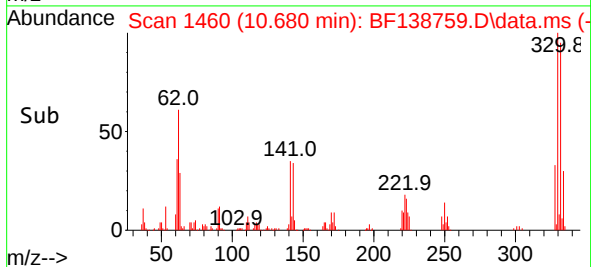
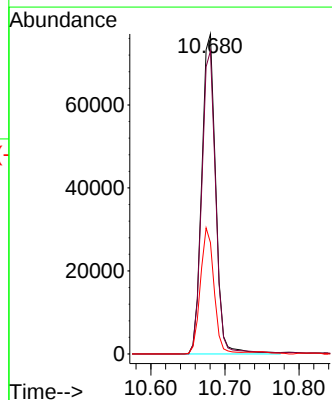
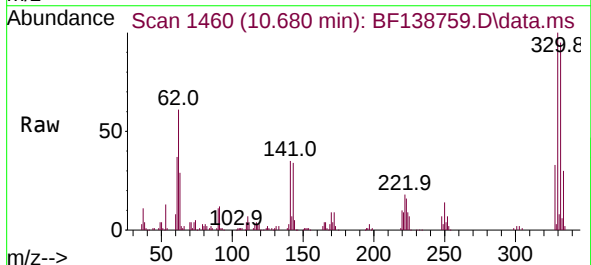


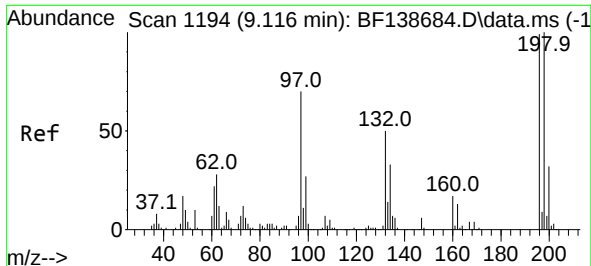
Tgt Ion:237 Resp: 29273  
Ion Ratio Lower Upper  
237 100  
235 63.7 41.8 81.8  
272 12.6 0.0 32.2



#42  
2,4,6-Tribromophenol  
Concen: 91.704 ng  
RT: 10.680 min Scan# 1460  
Delta R.T. 0.012 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:330 Resp: 101081  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.4 114.6  
141 38.4 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 44.871 ng

RT: 9.128 min Scan# 1194

Delta R.T. 0.012 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

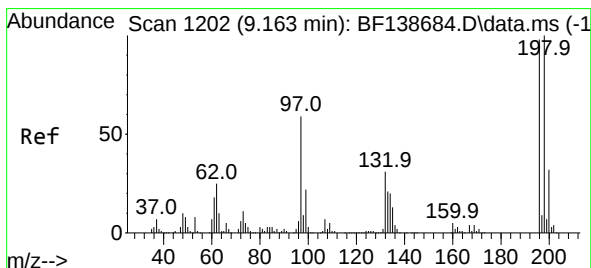
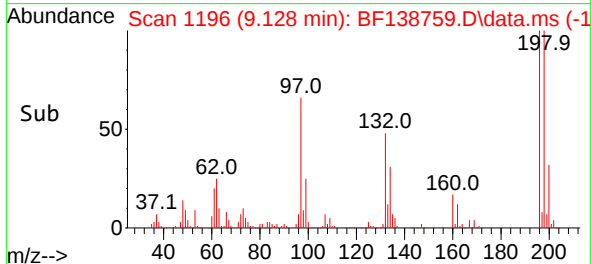
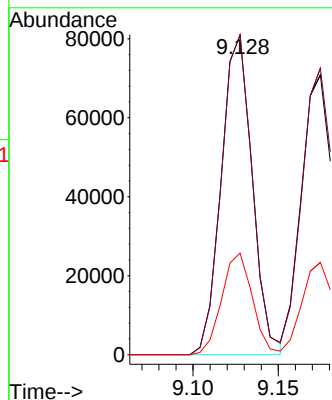
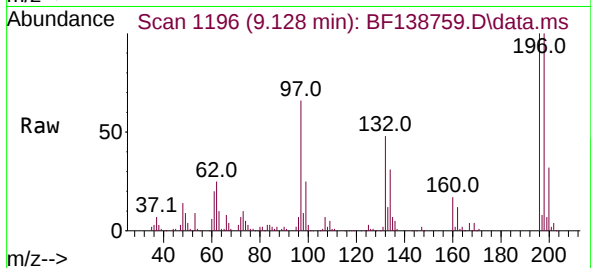
Tgt Ion:196 Resp: 102265

Ion Ratio Lower Upper

196 100

198 100.1 80.5 120.7

200 31.8 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 39.217 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Tgt Ion:196 Resp: 97711

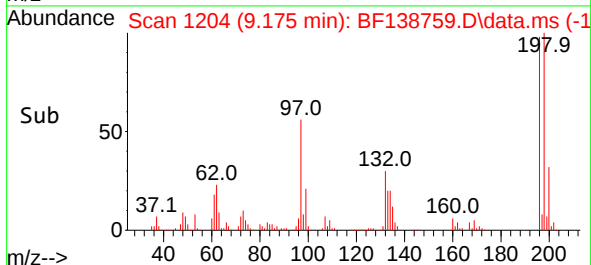
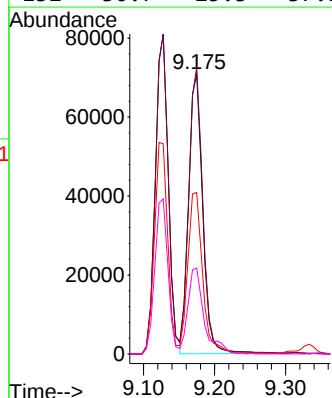
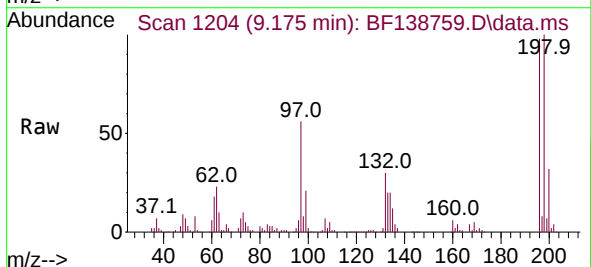
Ion Ratio Lower Upper

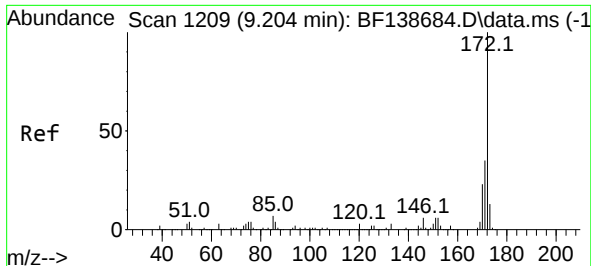
196 100

198 102.4 81.2 121.8

97 57.7 47.8 71.6

132 30.7 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 80.535 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

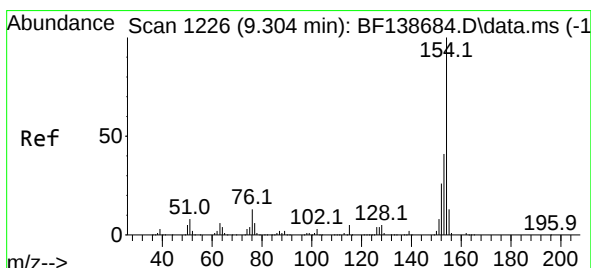
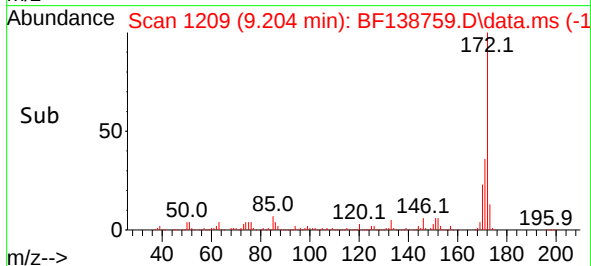
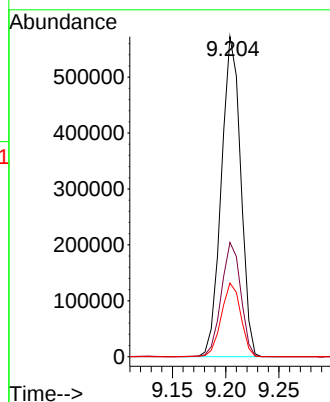
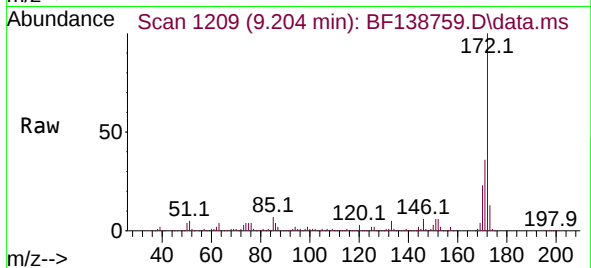
Tgt Ion:172 Resp: 721271

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.0 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.346 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

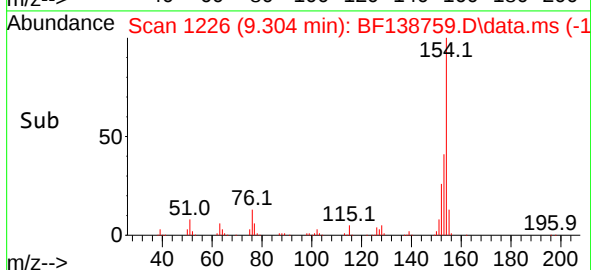
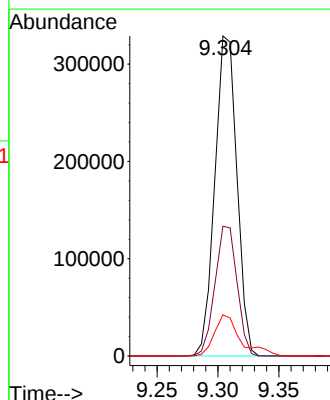
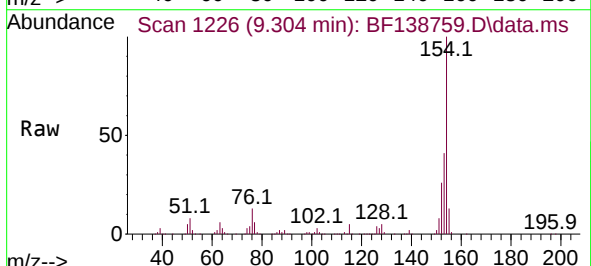
Tgt Ion:154 Resp: 414659

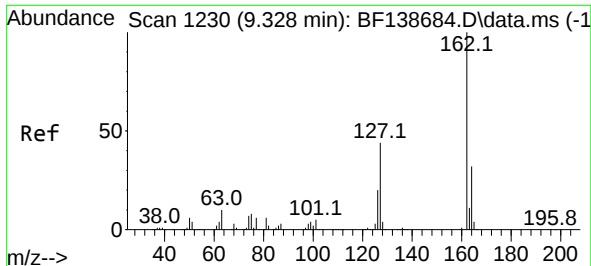
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 38.559 ng

RT: 9.333 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

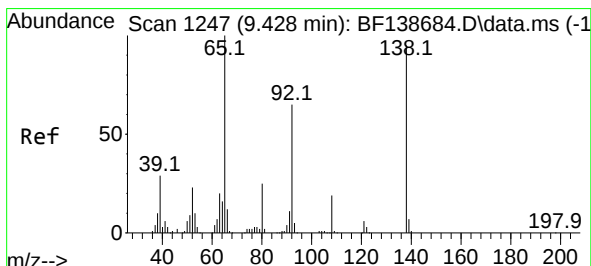
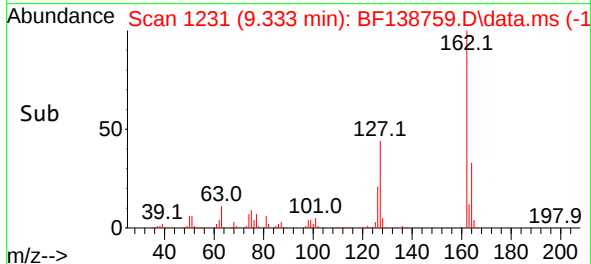
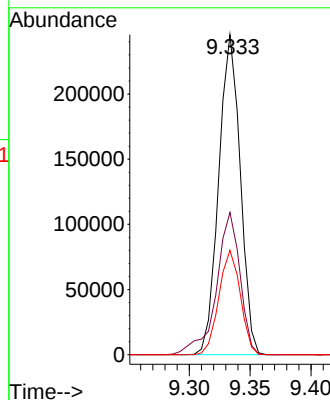
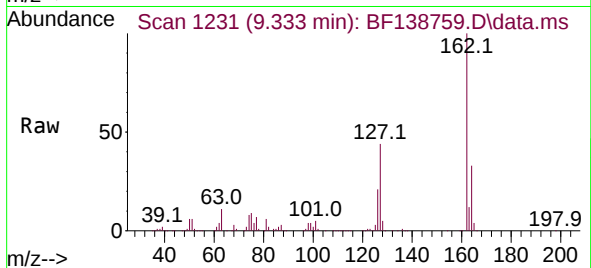
Tgt Ion:162 Resp: 302227

Ion Ratio Lower Upper

162 100

127 44.5 35.4 53.2

164 32.6 25.6 38.4



#48

2-Nitroaniline

Concen: 38.772 ng

RT: 9.433 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

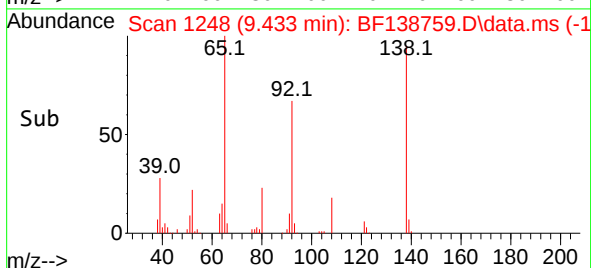
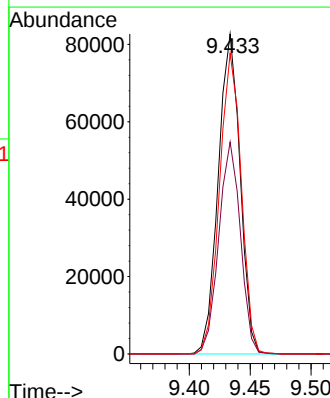
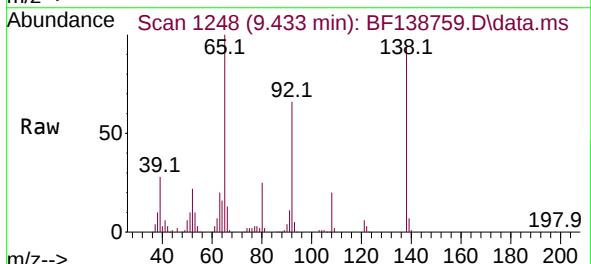
Tgt Ion: 65 Resp: 103023

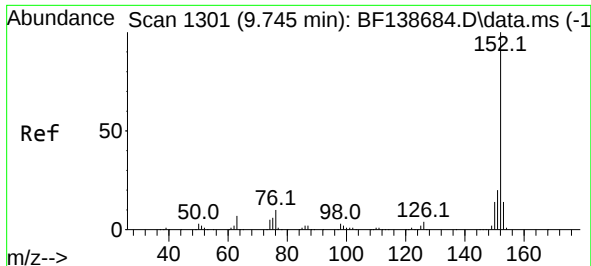
Ion Ratio Lower Upper

65 100

92 66.3 52.0 78.0

138 93.9 76.2 114.4





#49

Acenaphthylene

Concen: 38.965 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

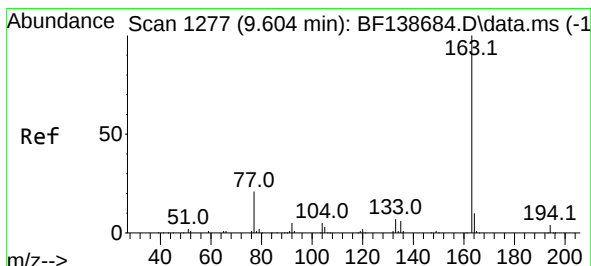
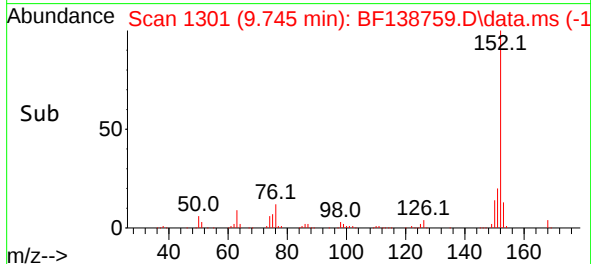
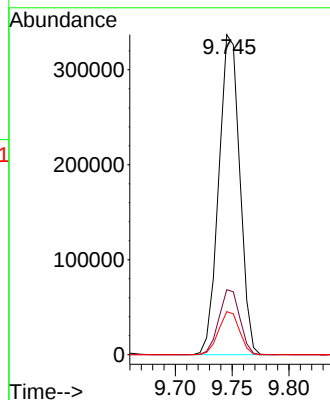
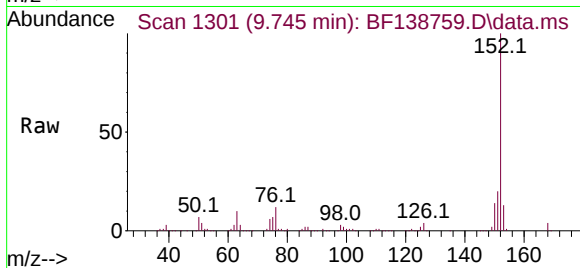
Tgt Ion:152 Resp: 433156

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.5 11.0 16.4



#50

Dimethylphthalate

Concen: 40.856 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

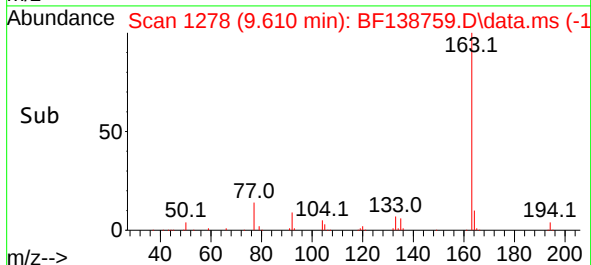
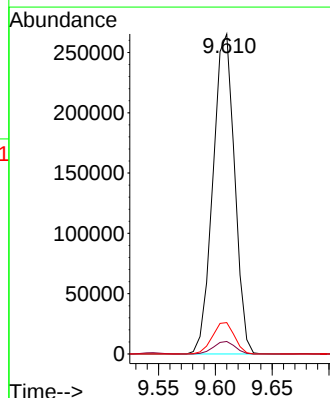
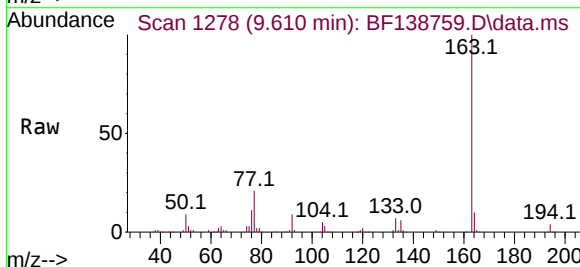
Tgt Ion:163 Resp: 351529

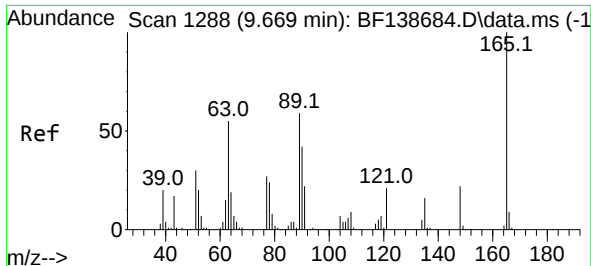
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.8 7.8 11.8

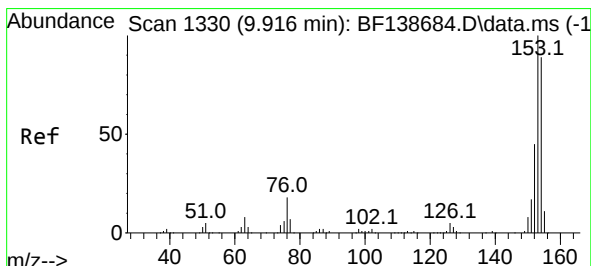
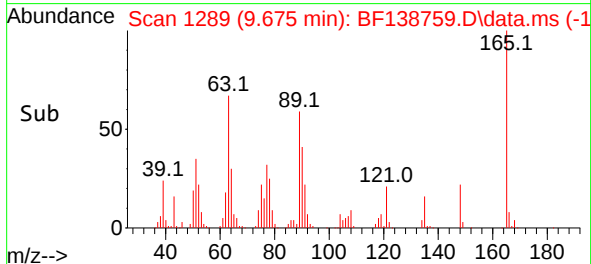
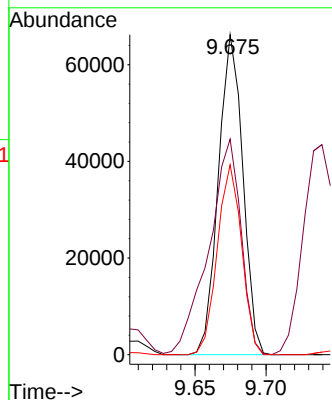
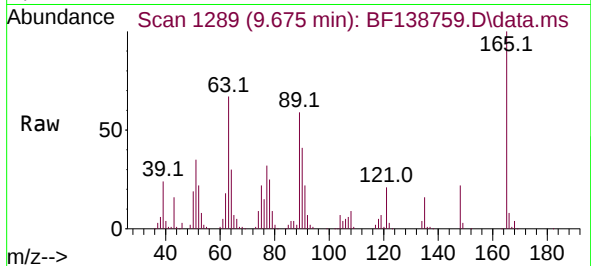




#51  
2,6-Dinitrotoluene  
Concen: 40.741 ng  
RT: 9.675 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

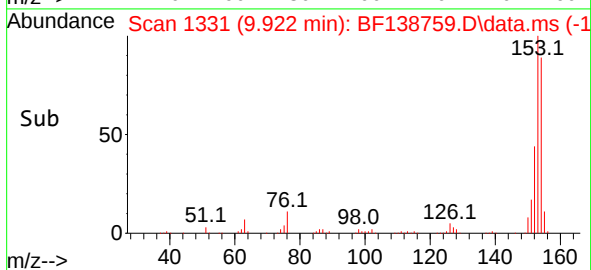
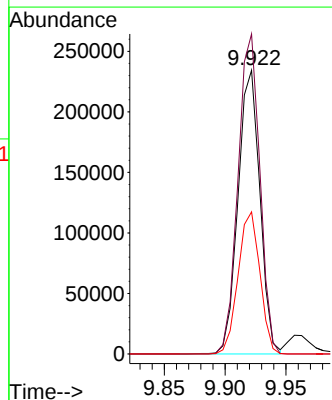
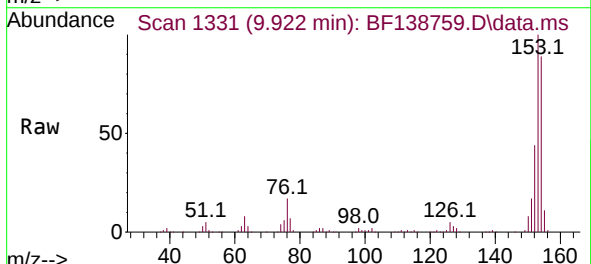
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

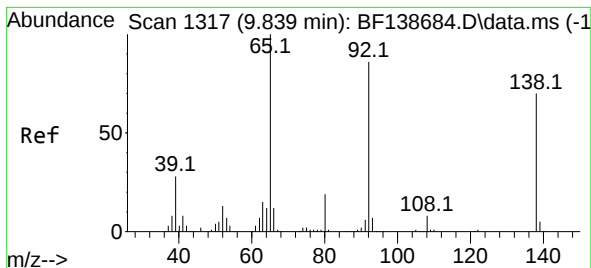
Tgt Ion:165 Resp: 79111  
Ion Ratio Lower Upper  
165 100  
63 67.4 52.0 78.0  
89 59.4 47.0 70.6



#52  
Acenaphthene  
Concen: 39.269 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:154 Resp: 293448  
Ion Ratio Lower Upper  
154 100  
153 112.8 89.9 134.9  
152 50.1 40.6 60.8





#53

3-Nitroaniline

Concen: 38.611 ng

RT: 9.845 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

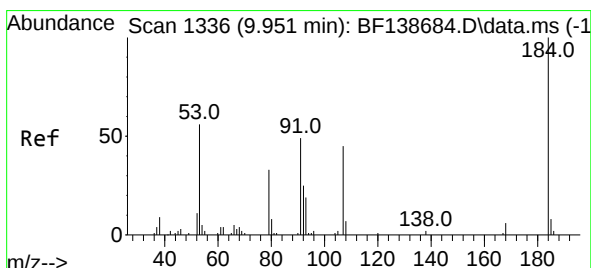
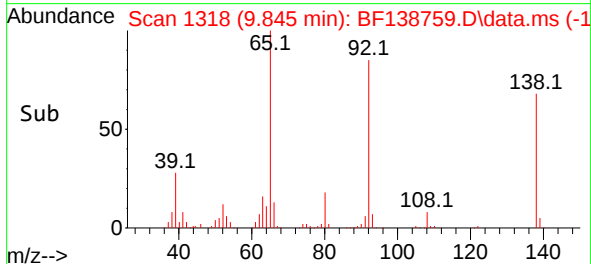
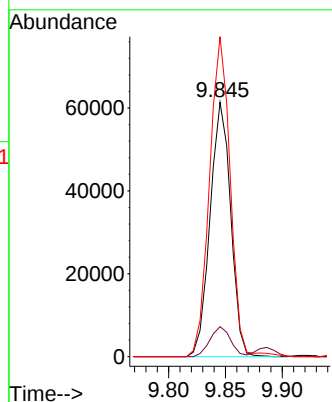
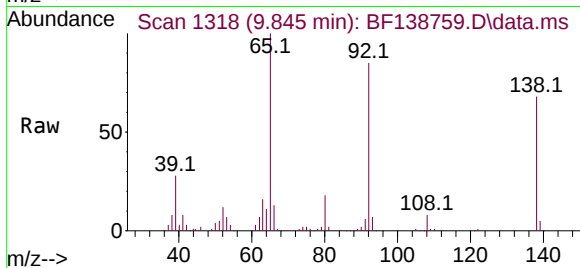
Tgt Ion:138 Resp: 77506

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 125.8 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 37.161 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

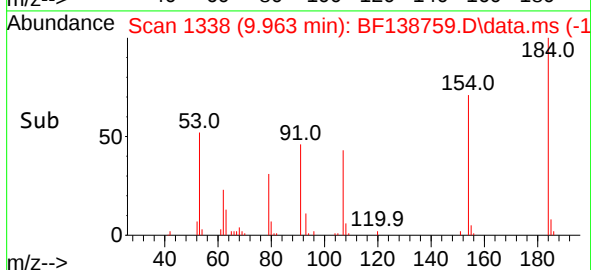
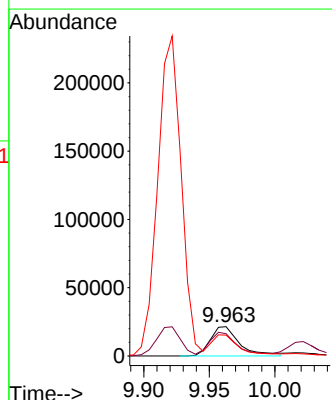
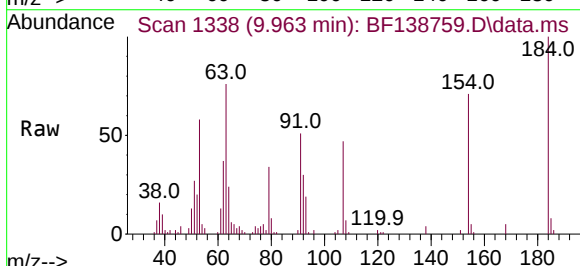
Tgt Ion:184 Resp: 33217

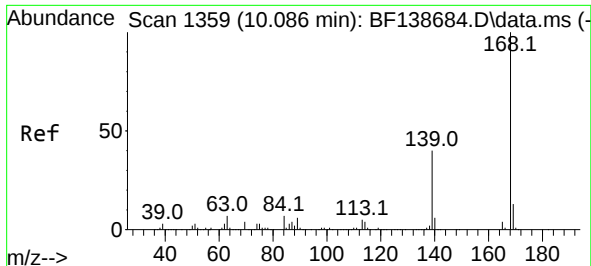
Ion Ratio Lower Upper

184 100

63 75.6 57.5 86.3

154 71.1 51.7 77.5

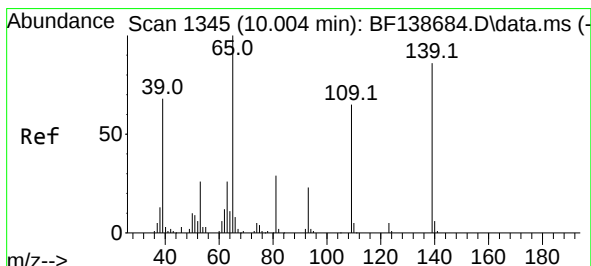
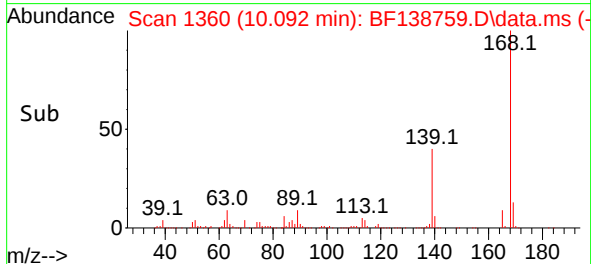
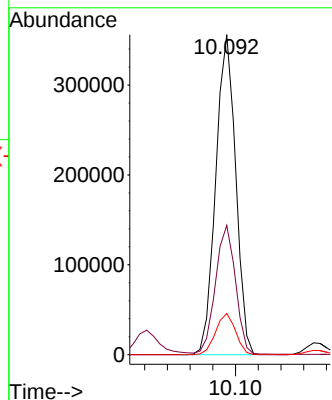
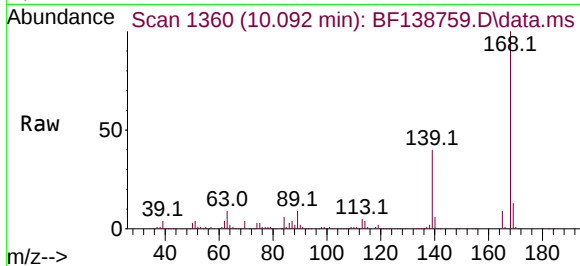




#55  
Dibenzofuran  
Concen: 41.122 ng  
RT: 10.092 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

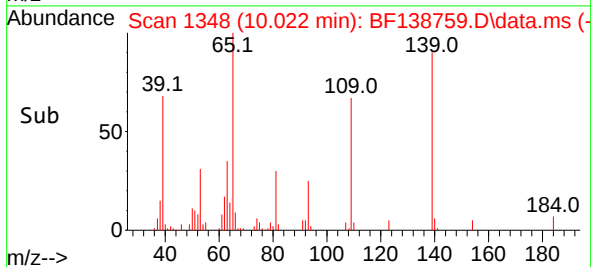
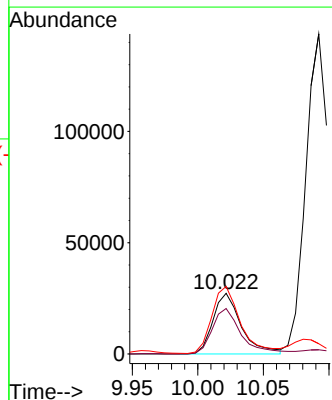
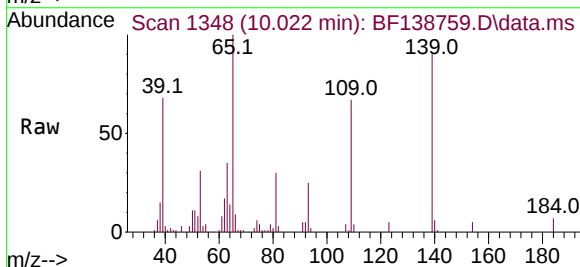
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

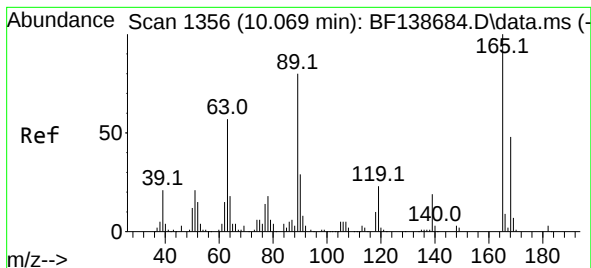
Tgt Ion:168 Resp: 433785  
Ion Ratio Lower Upper  
168 100  
139 40.4 32.6 49.0  
169 12.9 10.7 16.1



#56  
4-Nitrophenol  
Concen: 33.870 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. 0.018 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:139 Resp: 40886  
Ion Ratio Lower Upper  
139 100  
109 74.9 55.5 95.5  
65 111.3 96.7 136.7

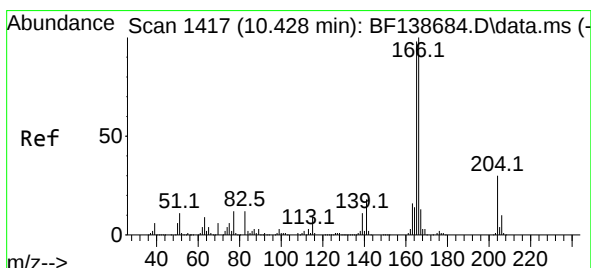
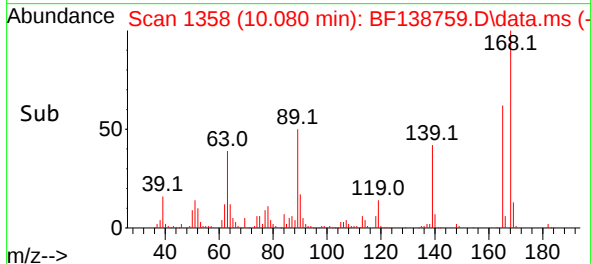
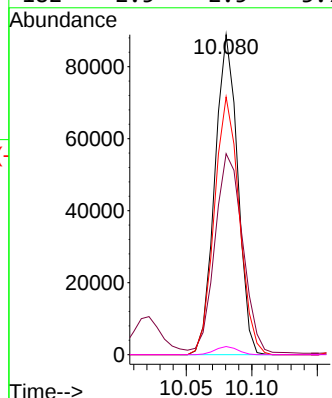
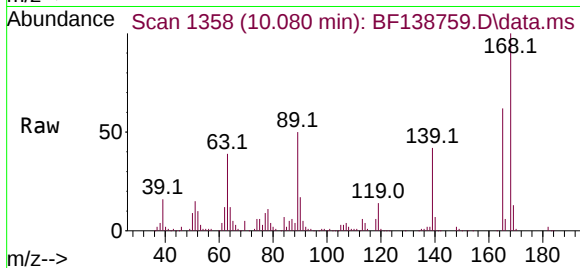




#57  
2,4-Dinitrotoluene  
Concen: 43.362 ng  
RT: 10.080 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

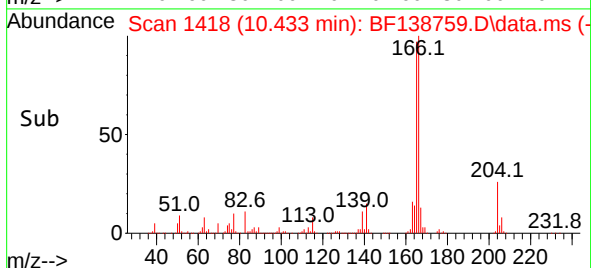
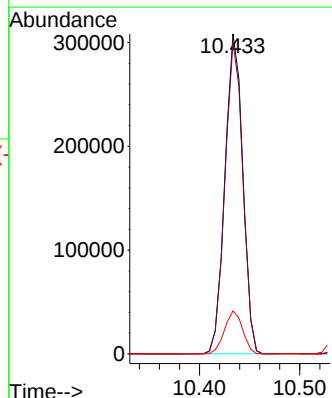
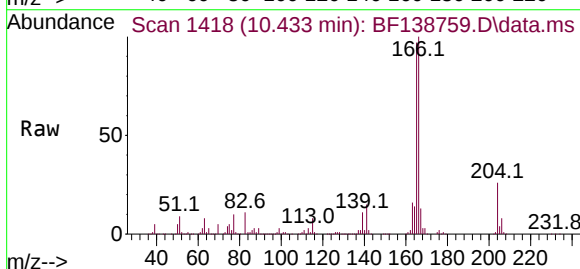
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

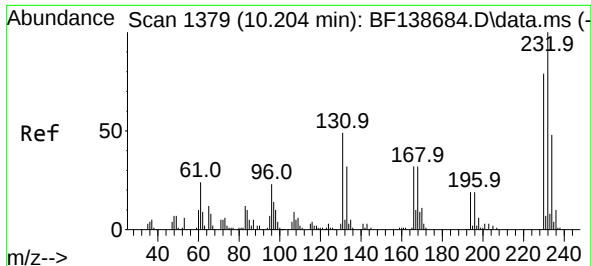
Tgt Ion:165 Resp: 107426  
Ion Ratio Lower Upper  
165 100  
63 62.8 46.3 69.5  
89 80.6 64.2 96.4  
182 2.5 2.5 3.7



#58  
Fluorene  
Concen: 45.178 ng  
RT: 10.433 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:166 Resp: 379503  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.4 117.6  
167 13.4 10.6 16.0

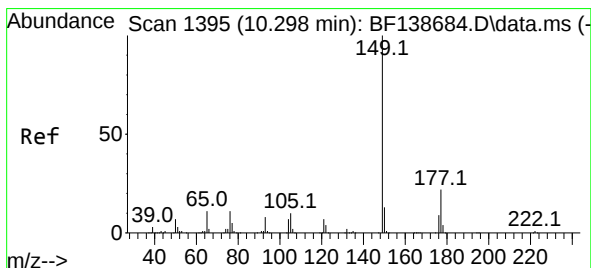
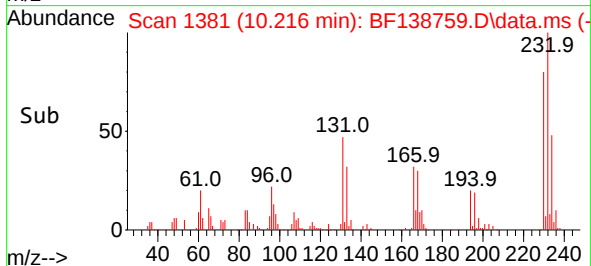
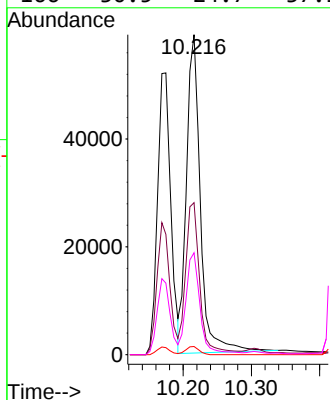
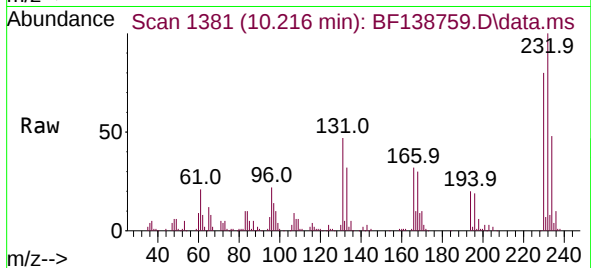




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.667 ng  
RT: 10.216 min Scan# 1381  
Delta R.T. 0.012 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

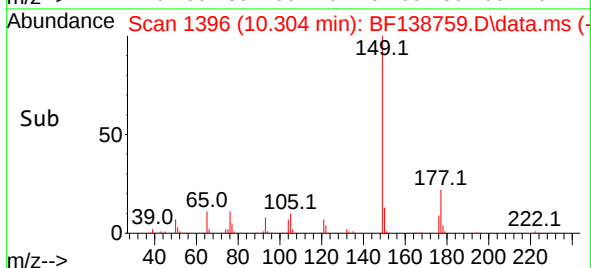
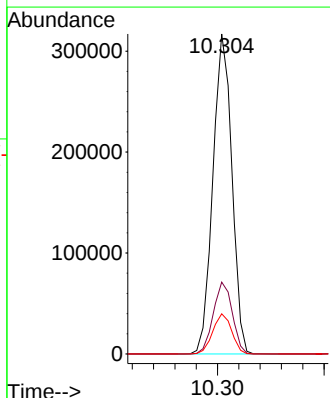
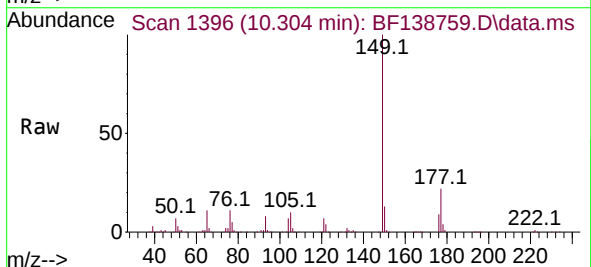
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

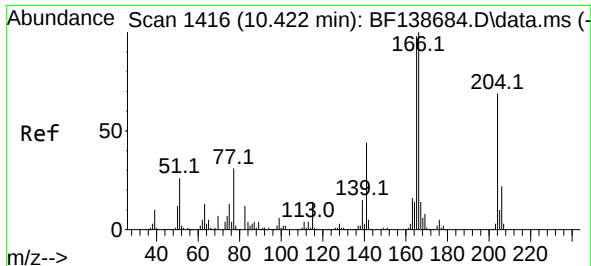
Tgt Ion:232 Resp: 83178  
Ion Ratio Lower Upper  
232 100  
131 48.1 37.0 55.4  
130 2.5 2.0 3.0  
166 30.5 24.7 37.1



#60  
Diethylphthalate  
Concen: 47.941 ng  
RT: 10.304 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:149 Resp: 391111  
Ion Ratio Lower Upper  
149 100  
177 22.5 17.8 26.8  
150 12.6 10.1 15.1

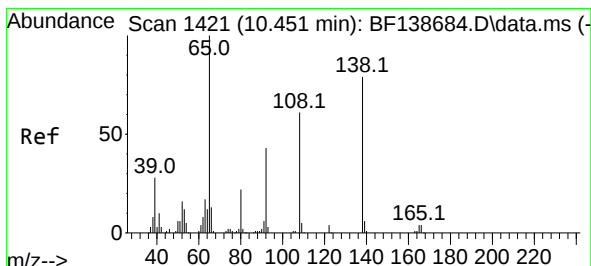
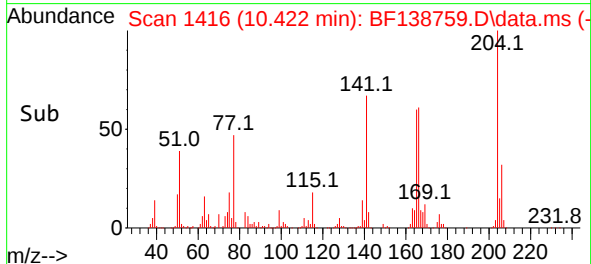
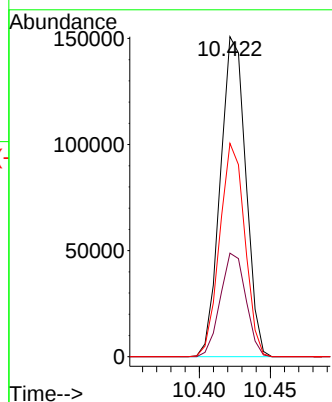
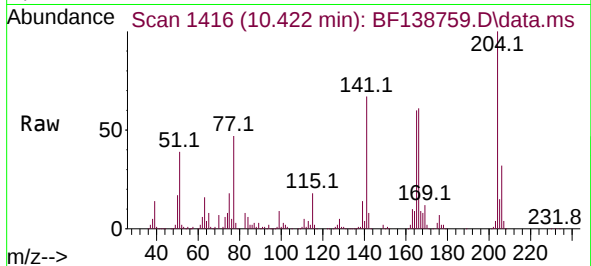




#61  
4-Chlorophenyl-phenylether  
Concen: 45.470 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

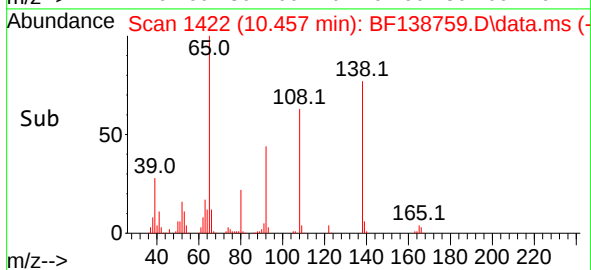
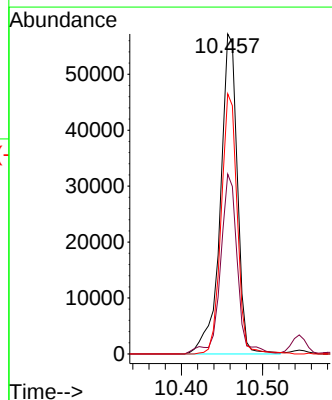
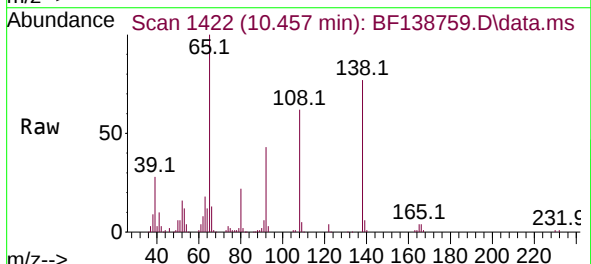
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

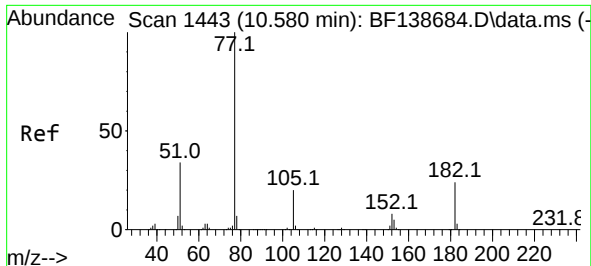
Tgt Ion:204 Resp: 187854  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.1 39.1  
141 66.6 51.4 77.0



#62  
4-Nitroaniline  
Concen: 43.852 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:138 Resp: 83654  
Ion Ratio Lower Upper  
138 100  
92 56.2 34.2 74.2  
108 81.3 56.2 96.2

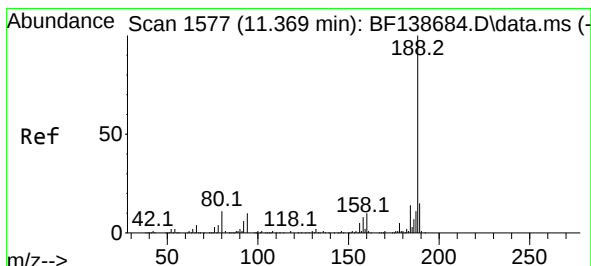
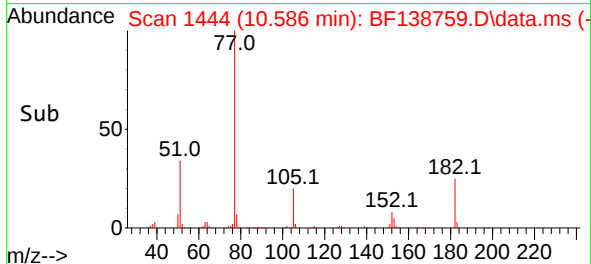
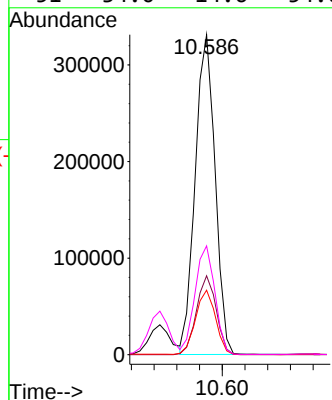
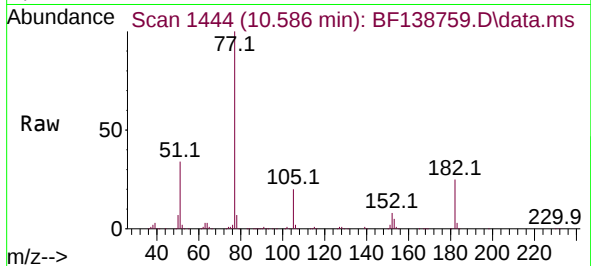




#63  
Azobenzene  
Concen: 44.493 ng  
RT: 10.586 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

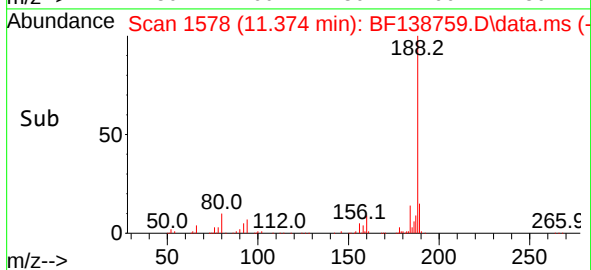
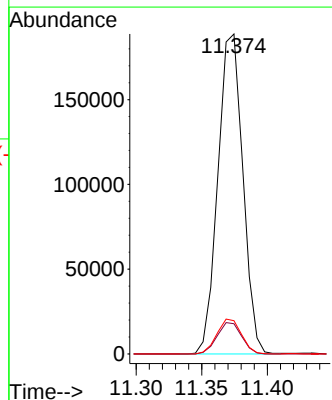
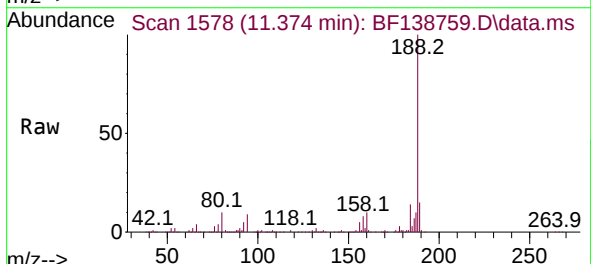
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

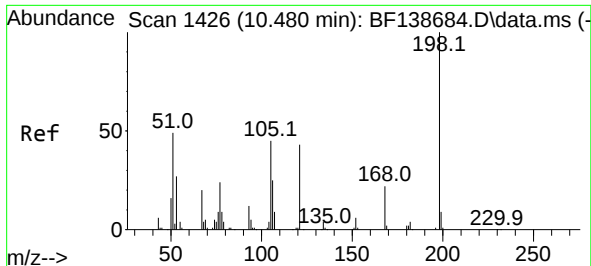
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 402583 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 24.7    | 3.4 43.4     |
| 105 20.1    | 0.2 40.2     |
| 51 34.0     | 14.6 54.6    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.374 min Scan# 1578  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 249821 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.4      | 7.6 11.4     |
| 80 10.4     | 8.6 12.8     |

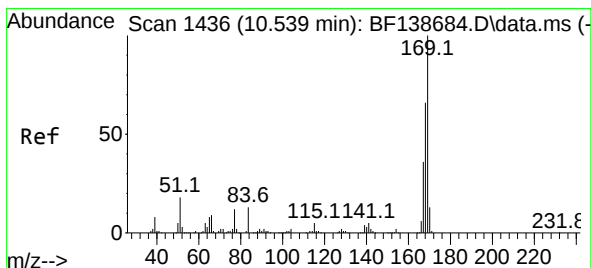
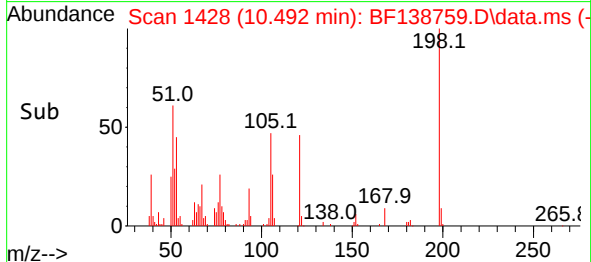
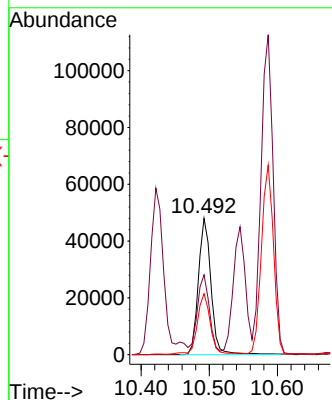
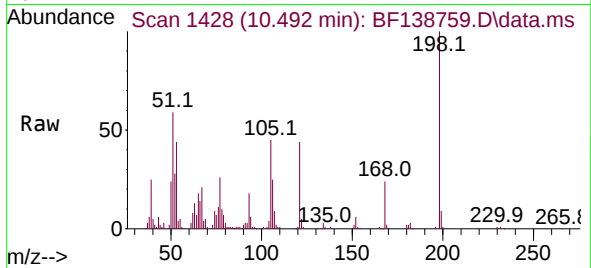




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.752 ng  
RT: 10.492 min Scan# 1428  
Delta R.T. 0.012 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

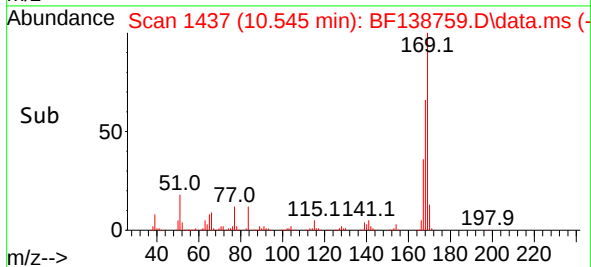
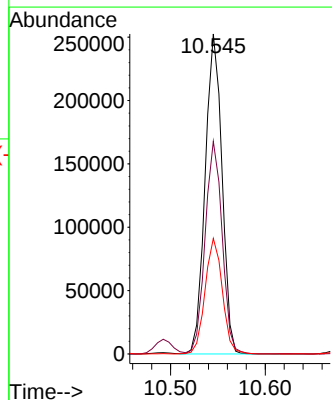
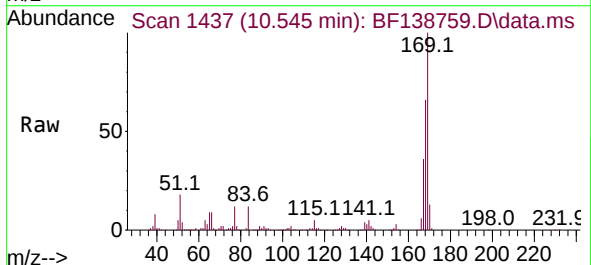
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

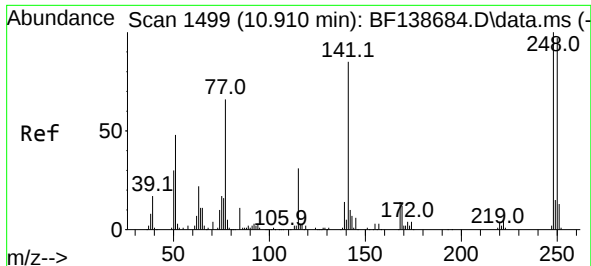
Tgt Ion:198 Resp: 62111  
Ion Ratio Lower Upper  
198 100  
51 58.5 39.9 79.9  
105 44.6 26.1 66.1



#66  
n-Nitrosodiphenylamine  
Concen: 39.929 ng  
RT: 10.545 min Scan# 1437  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:169 Resp: 311799  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.0 79.6  
167 36.1 29.0 43.6

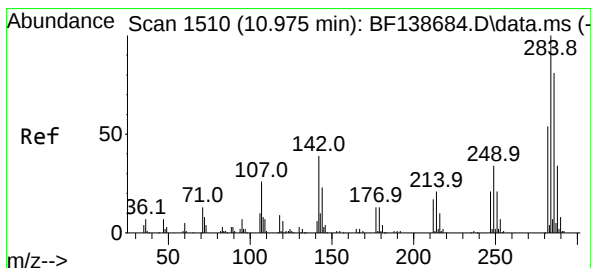
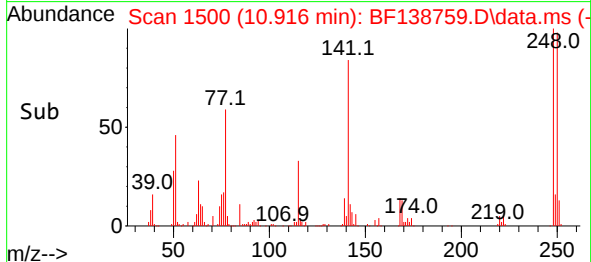
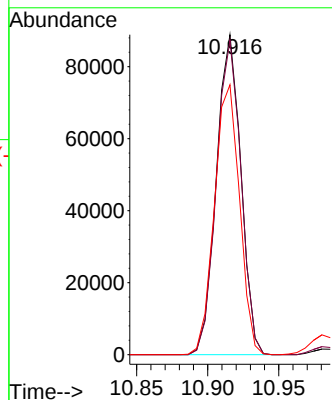
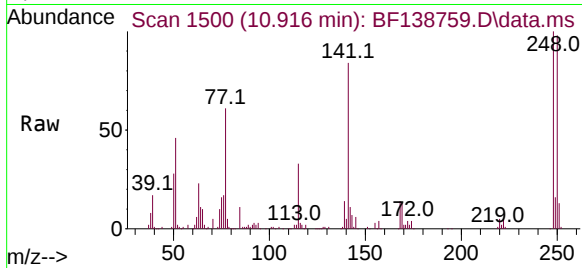




#67  
4-Bromophenyl-phenylether  
Concen: 39.448 ng  
RT: 10.916 min Scan# 1510  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

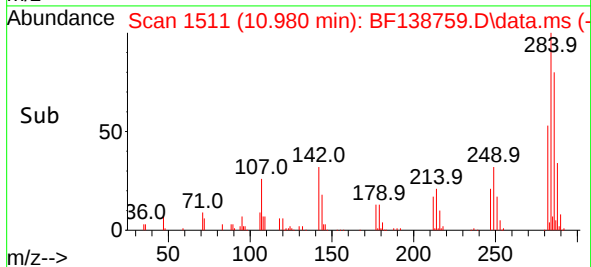
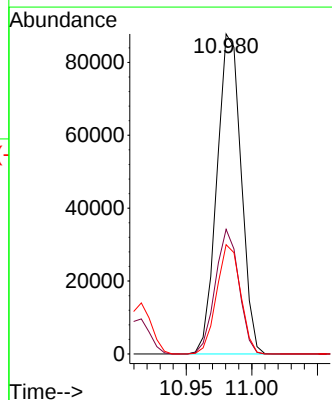
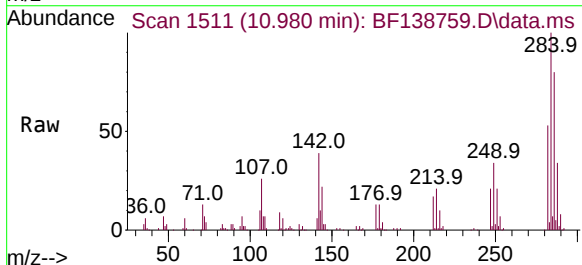
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

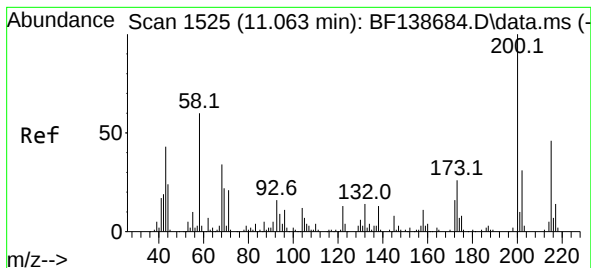
Tgt Ion:248 Resp: 106697  
Ion Ratio Lower Upper  
248 100  
250 98.2 77.7 116.5  
141 84.4 68.0 102.0



#68  
Hexachlorobenzene  
Concen: 40.289 ng  
RT: 10.980 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:284 Resp: 112516  
Ion Ratio Lower Upper  
284 100  
142 39.0 31.3 46.9  
249 34.2 27.2 40.8





#69

Atrazine

Concen: 38.603 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

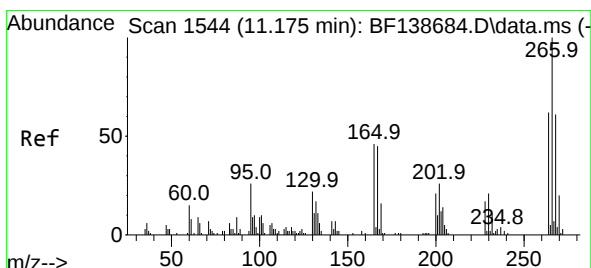
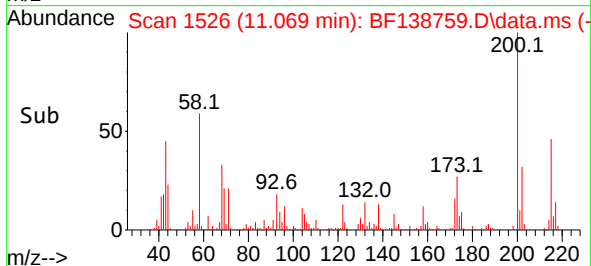
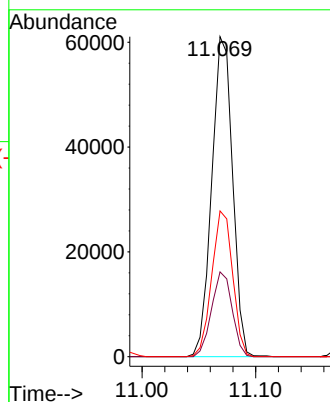
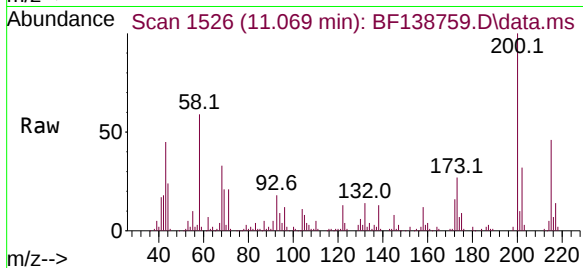
Tgt Ion:200 Resp: 77774

Ion Ratio Lower Upper

200 100

173 26.5 6.0 46.0

215 45.6 26.1 66.1



#70

Pentachlorophenol

Concen: 32.847 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.011 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

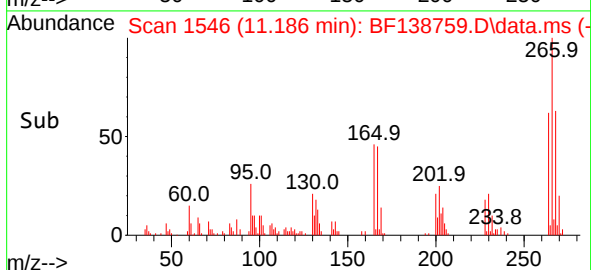
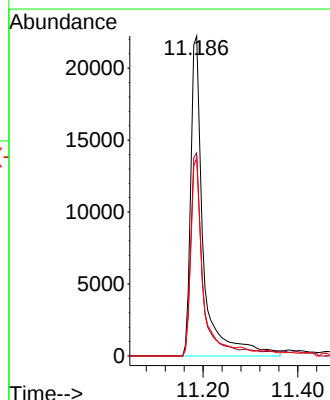
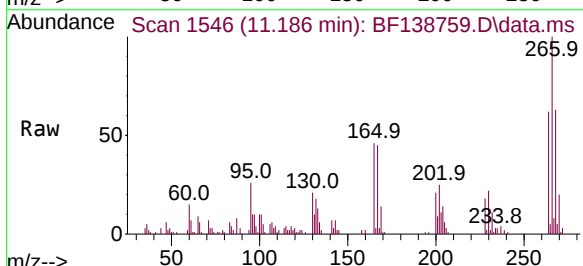
Tgt Ion:266 Resp: 41348

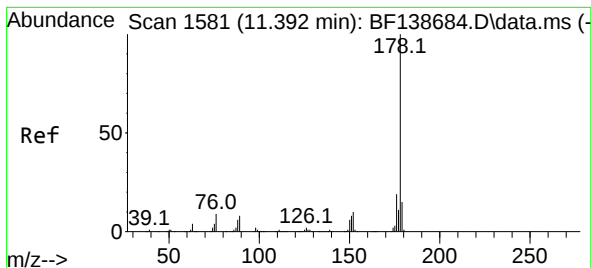
Ion Ratio Lower Upper

266 100

268 63.4 49.2 73.8

264 62.0 49.8 74.6





#71

Phenanthrene

Concen: 38.994 ng

RT: 11.398 min Scan# 1581

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

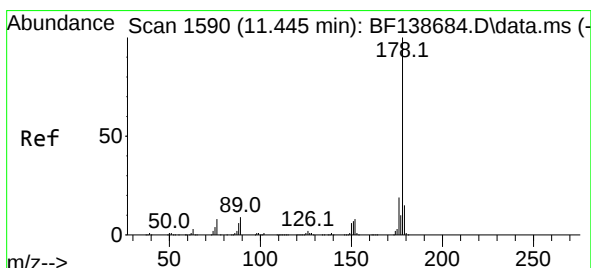
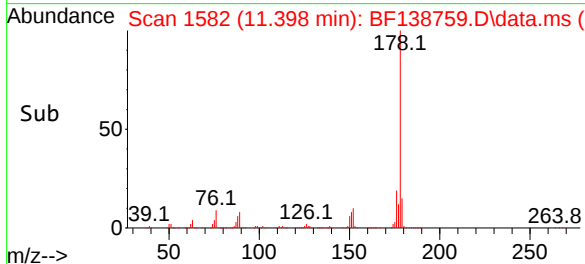
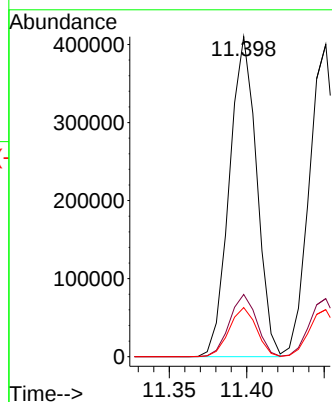
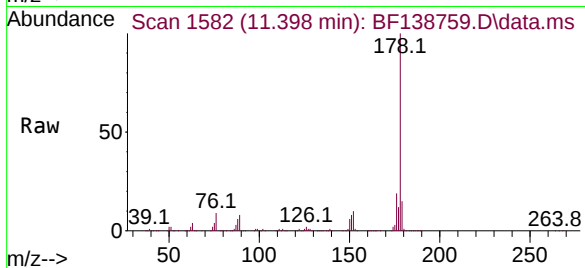
Tgt Ion:178 Resp: 501608

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.3 12.2 18.2



#72

Anthracene

Concen: 39.626 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

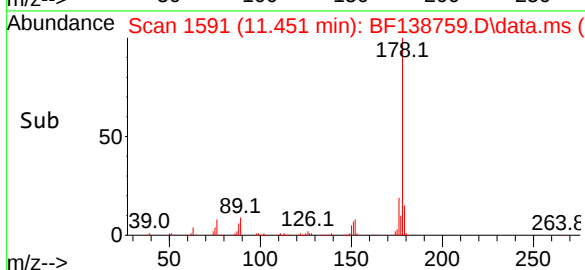
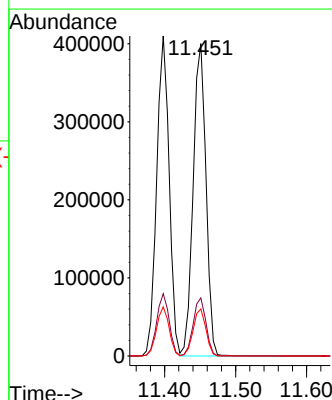
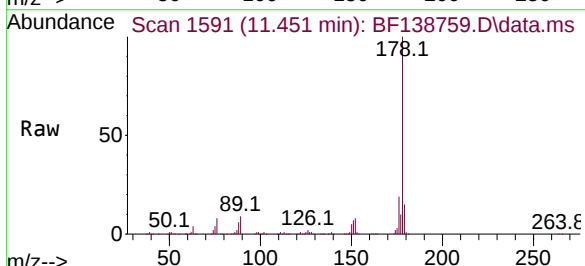
Tgt Ion:178 Resp: 502163

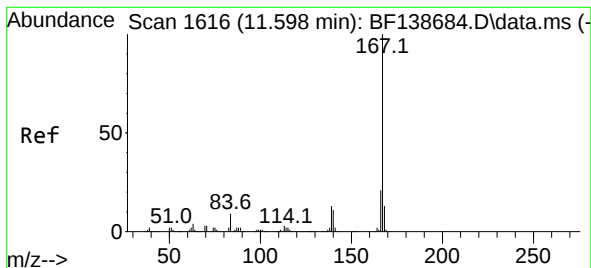
Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.1 12.4 18.6





#73

Carbazole

Concen: 38.838 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

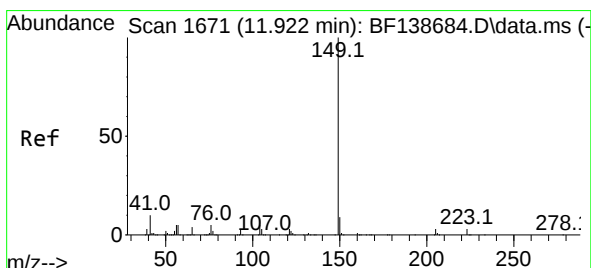
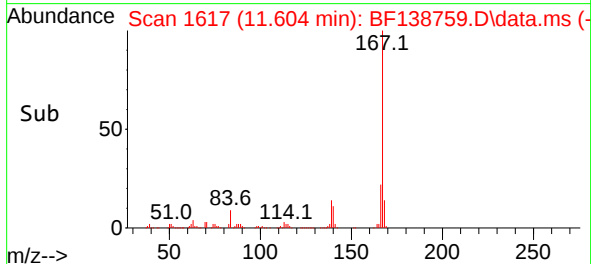
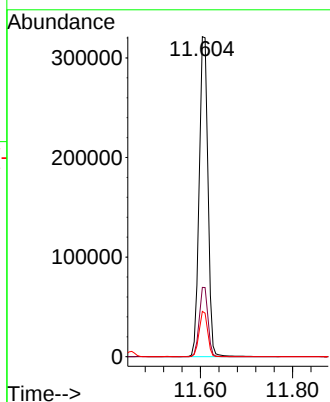
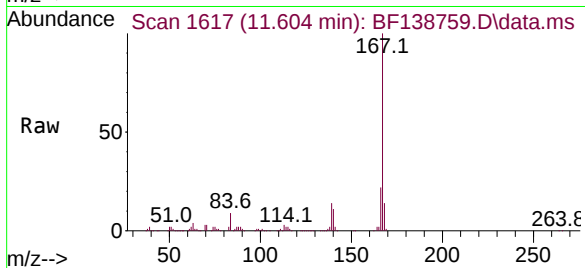
Tgt Ion:167 Resp: 424624

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 14.1 10.6 16.0



#74

Di-n-butylphthalate

Concen: 44.146 ng

RT: 11.927 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

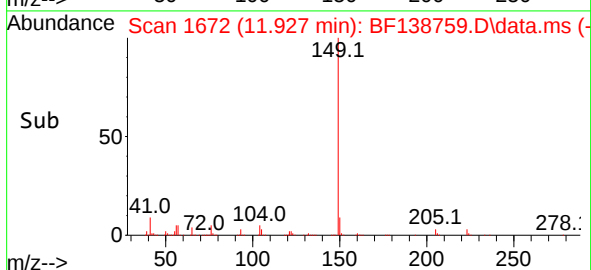
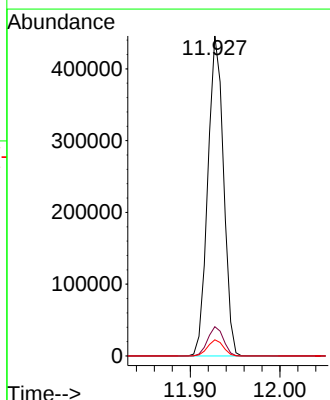
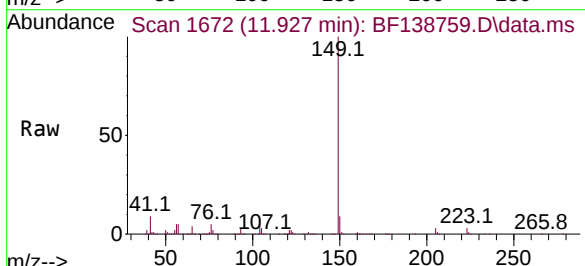
Tgt Ion:149 Resp: 542592

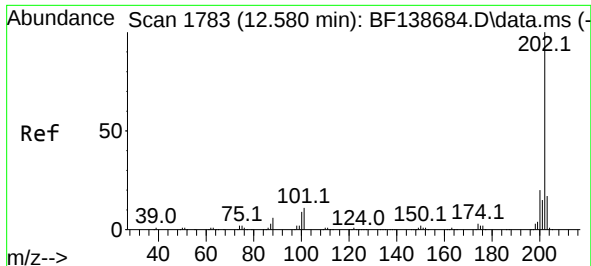
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.0 4.1 6.1

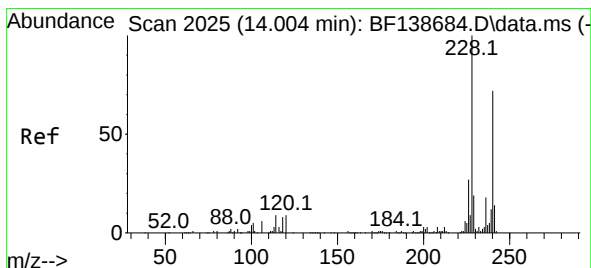
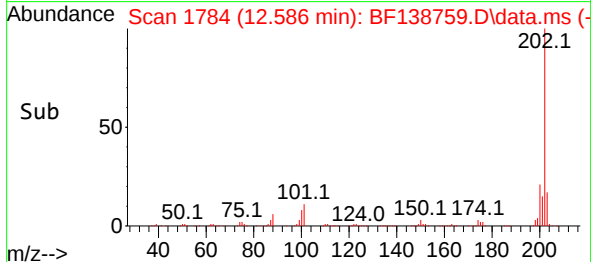
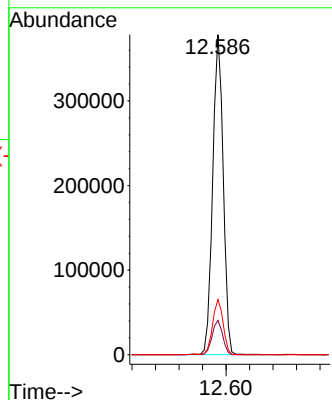
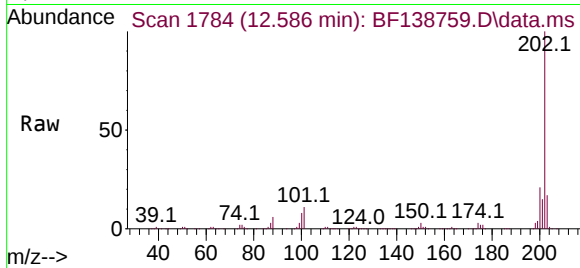




#75  
Fluoranthene  
Concen: 39.185 ng  
RT: 12.586 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

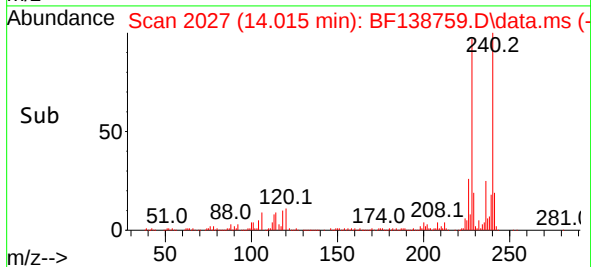
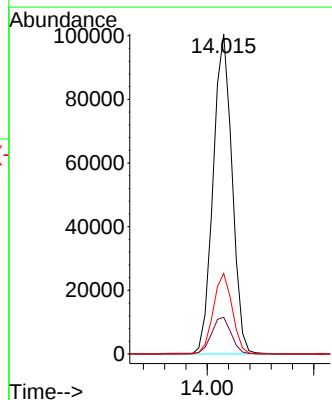
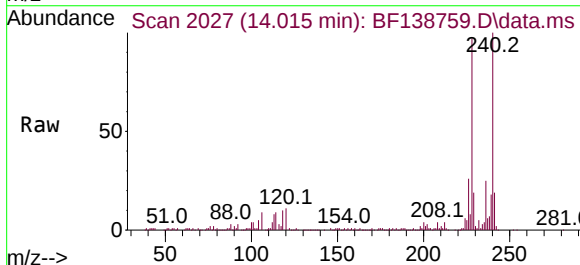
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

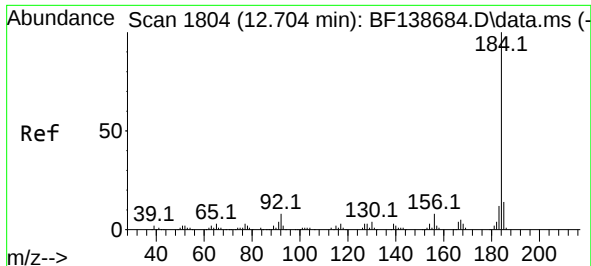
Tgt Ion:202 Resp: 470577  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 31.2  
203 17.3 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.015 min Scan# 2027  
Delta R.T. 0.012 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:240 Resp: 123992  
Ion Ratio Lower Upper  
240 100  
120 11.5 10.2 15.4  
236 25.1 19.8 29.8

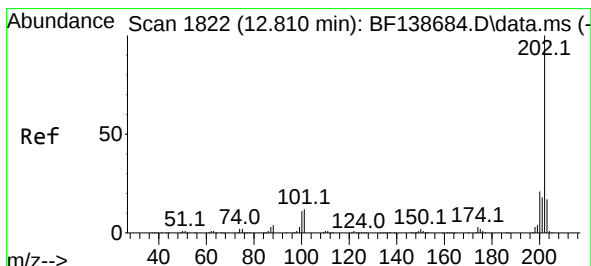
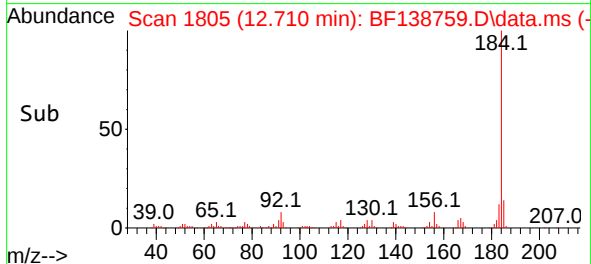
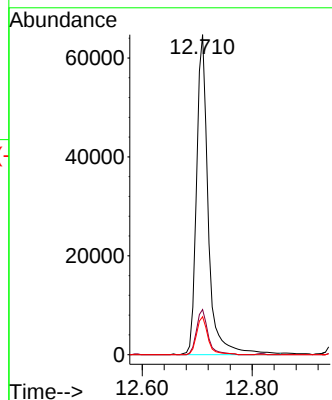
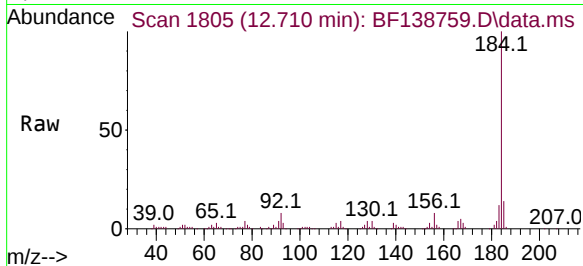




#77  
Benzidine  
Concen: 32.322 ng  
RT: 12.710 min Scan# 1805  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

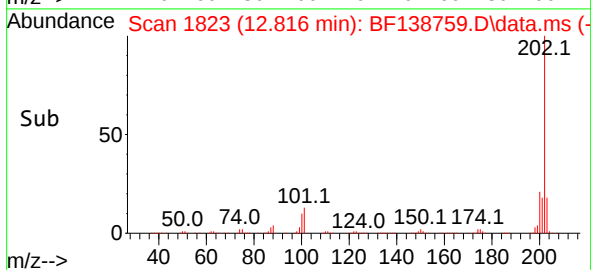
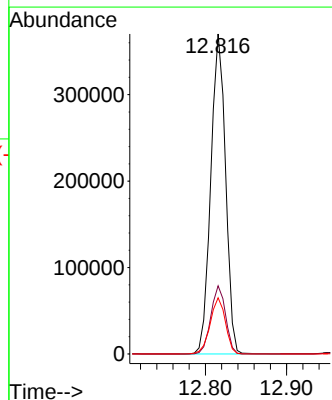
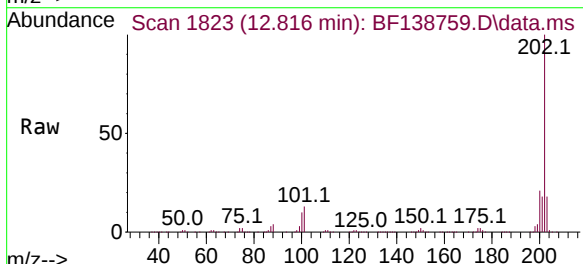
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

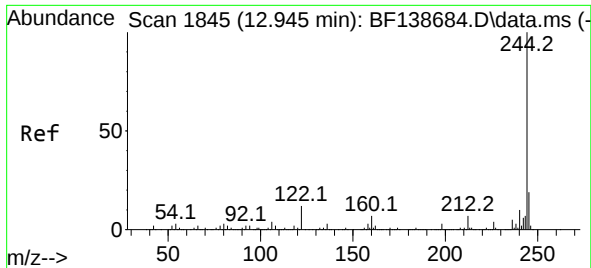
Tgt Ion:184 Resp: 95857  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.1 16.7  
183 11.8 9.6 14.4



#78  
Pyrene  
Concen: 39.981 ng  
RT: 12.816 min Scan# 1823  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

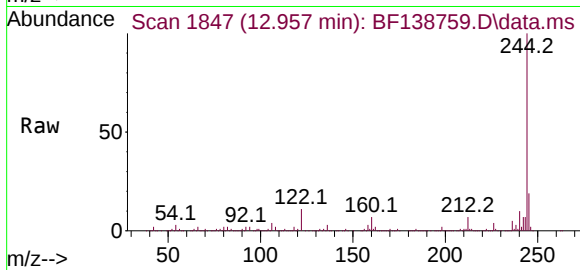
Tgt Ion:202 Resp: 466753  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.8 25.2  
203 17.5 13.8 20.6



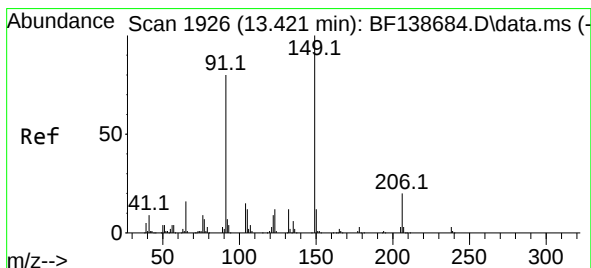
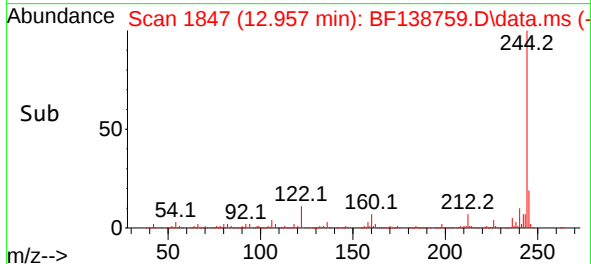
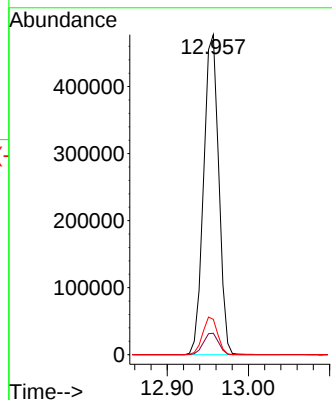


#79  
 Terphenyl-d14  
 Concen: 83.242 ng  
 RT: 12.957 min Scan# 1847  
 Delta R.T. 0.012 min  
 Lab File: BF138759.D  
 Acq: 03 Aug 2024 09:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

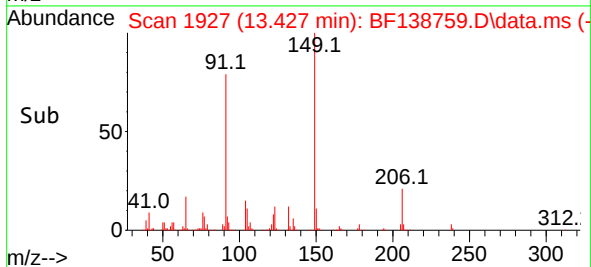
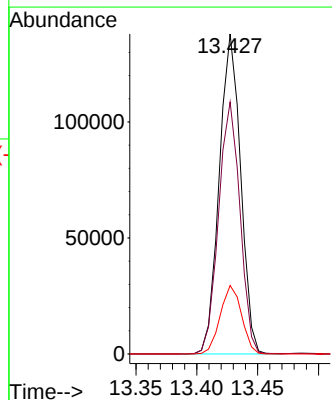
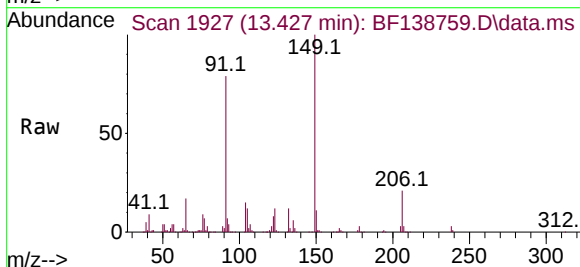


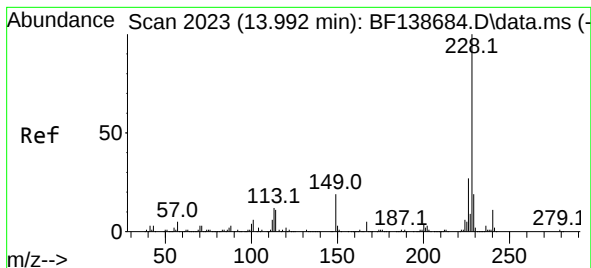
Tgt Ion:244 Resp: 616467  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.4 8.2  
 122 11.1 9.6 14.4



#80  
 Butylbenzylphthalate  
 Concen: 45.078 ng  
 RT: 13.427 min Scan# 1927  
 Delta R.T. 0.006 min  
 Lab File: BF138759.D  
 Acq: 03 Aug 2024 09:28

Tgt Ion:149 Resp: 168520  
 Ion Ratio Lower Upper  
 149 100  
 91 78.7 63.7 95.5  
 206 21.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.853 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

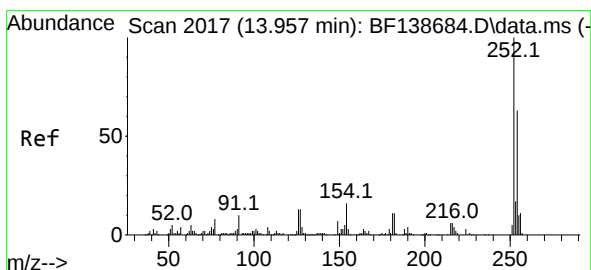
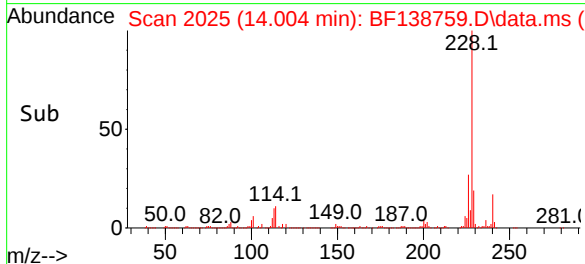
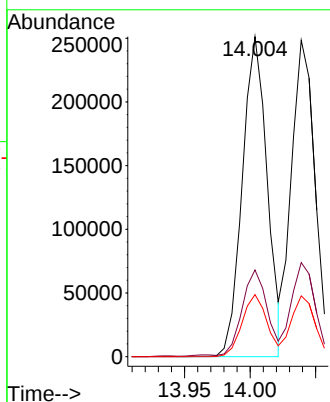
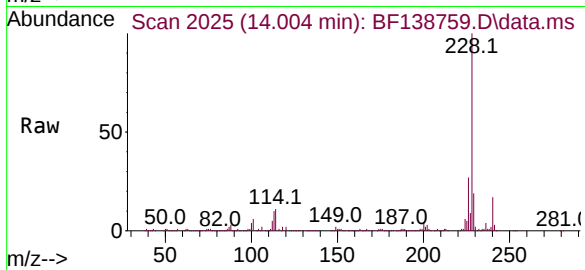
Tgt Ion:228 Resp: 331740

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.4 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 43.897 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

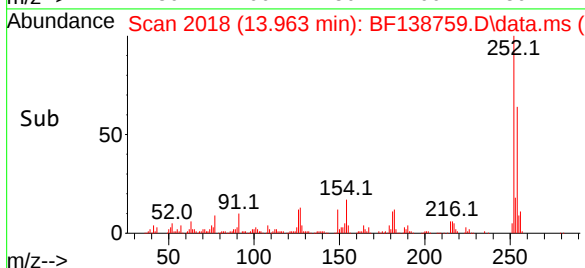
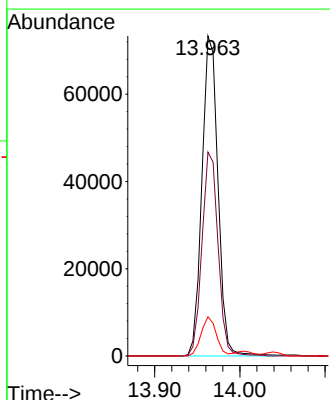
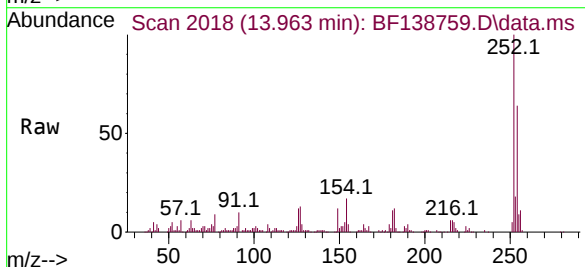
Tgt Ion:252 Resp: 95916

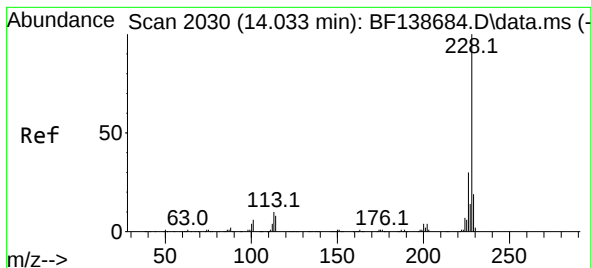
Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

126 12.2 10.2 15.2





#83

Chrysene

Concen: 40.187 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

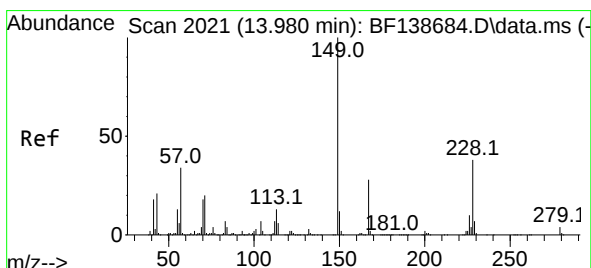
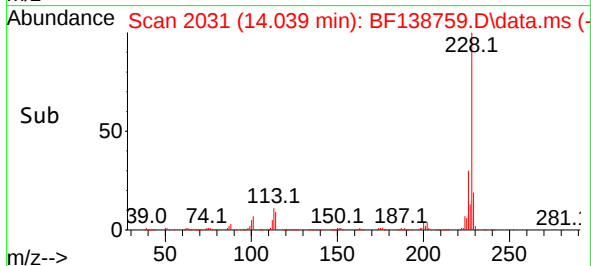
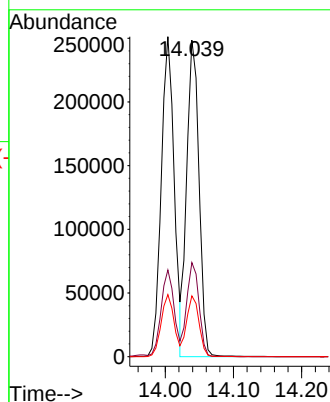
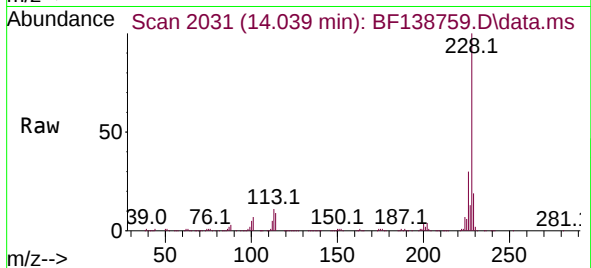
Tgt Ion:228 Resp: 309569

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.2 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.775 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

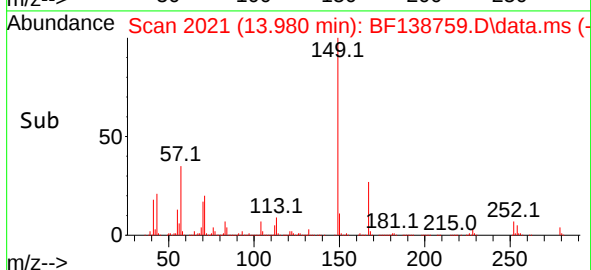
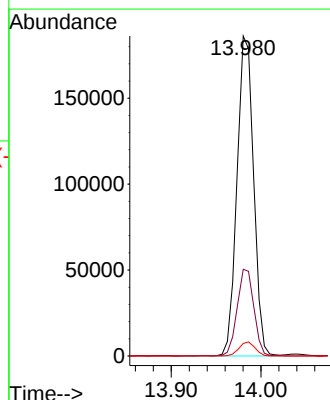
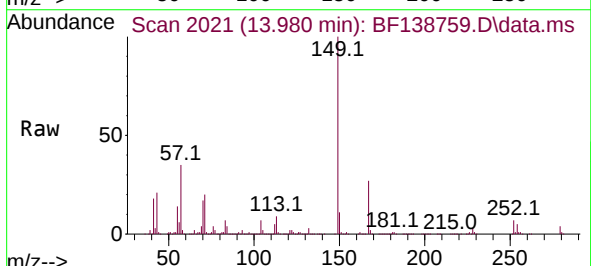
Tgt Ion:149 Resp: 239639

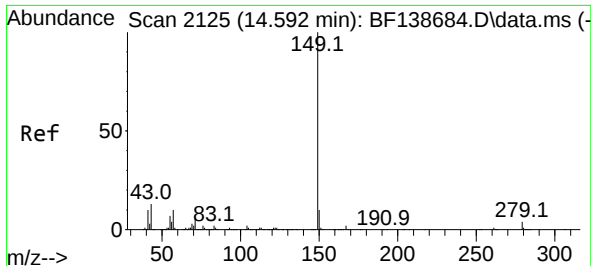
Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.4

279 3.9 3.4 5.0

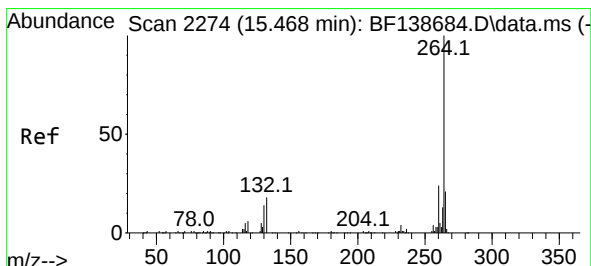
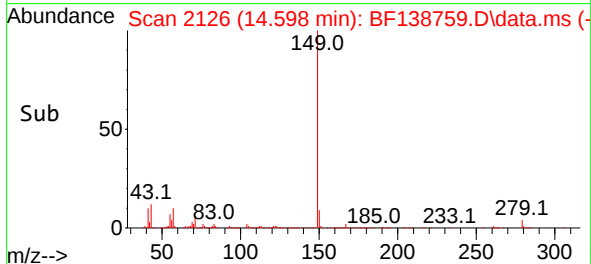
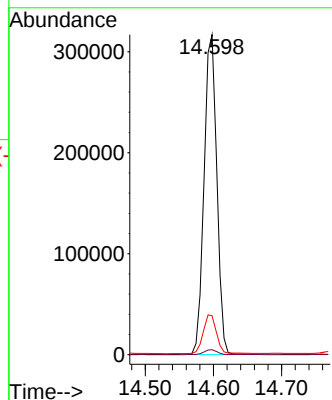
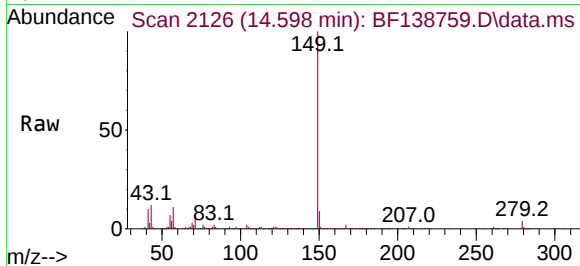




#85  
Di-n-octyl phthalate  
Concen: 40.628 ng  
RT: 14.598 min Scan# 2125  
Delta R.T. 0.006 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

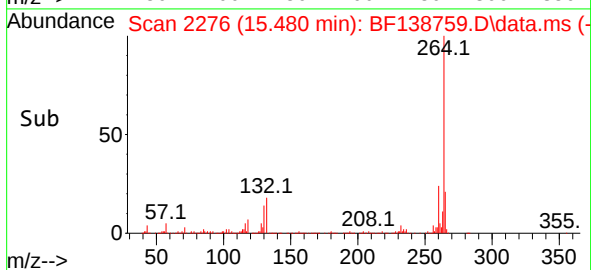
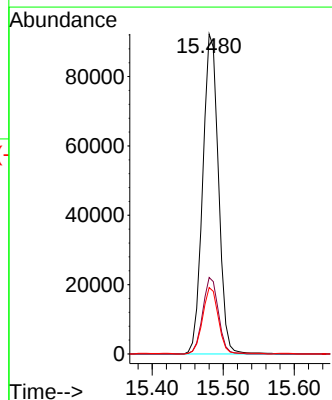
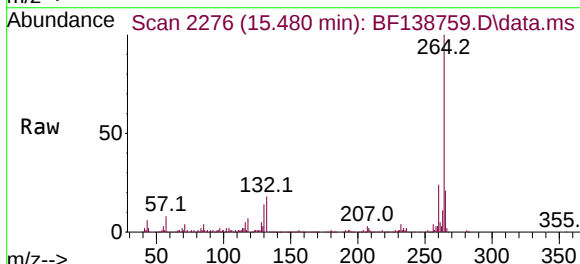
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

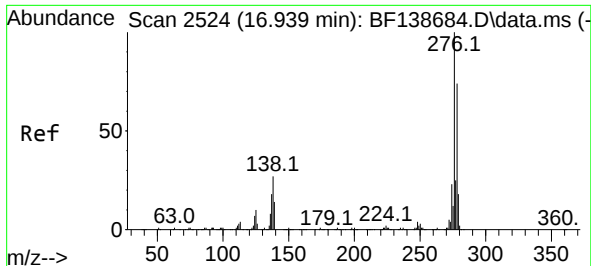
Tgt Ion:149 Resp: 411493  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 12.7 10.4 15.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.480 min Scan# 2276  
Delta R.T. 0.012 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:264 Resp: 142150  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.0 28.6  
265 20.7 17.0 25.6

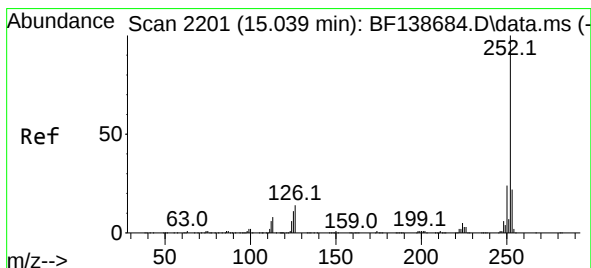
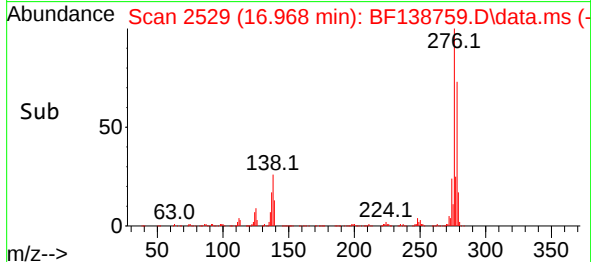
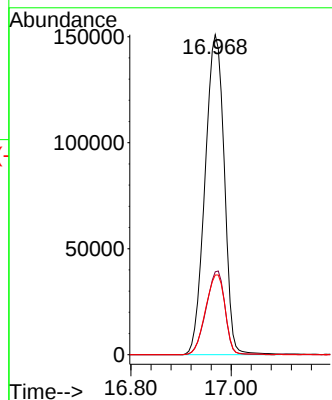
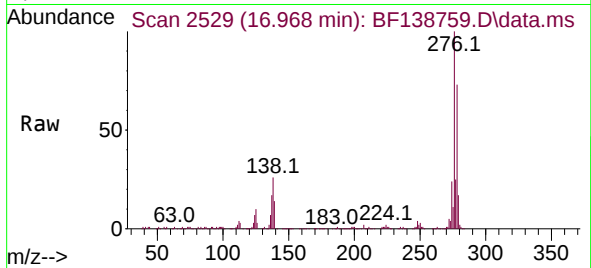




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.433 ng  
RT: 16.968 min Scan# 21  
Delta R.T. 0.029 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

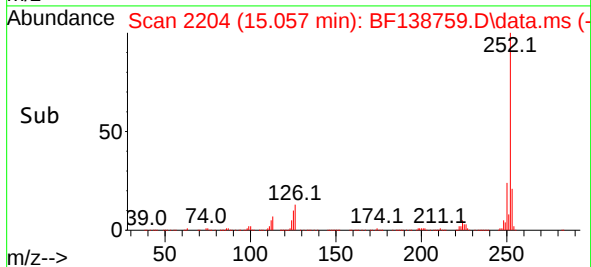
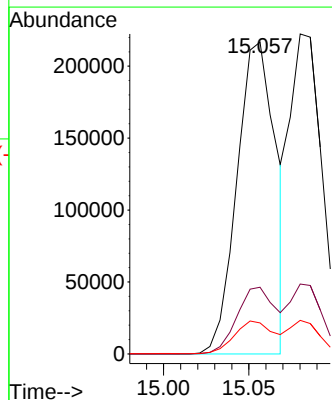
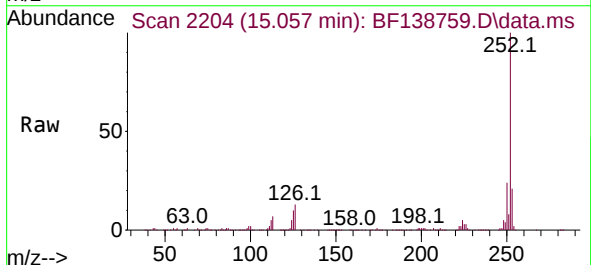
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

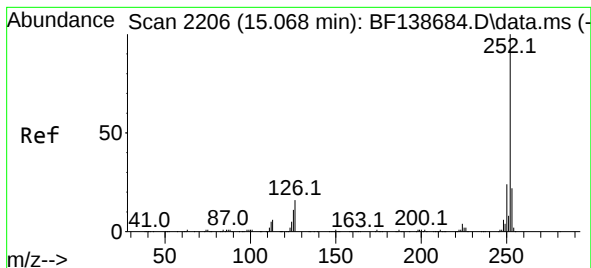
Tgt Ion:276 Resp: 401707  
Ion Ratio Lower Upper  
276 100  
138 25.8 21.8 32.8  
277 25.5 20.6 30.8



#88  
Benzo(b)fluoranthene  
Concen: 38.885 ng  
RT: 15.057 min Scan# 2204  
Delta R.T. 0.018 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:252 Resp: 342652  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.5 26.3  
125 9.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 38.513 ng

RT: 15.080 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

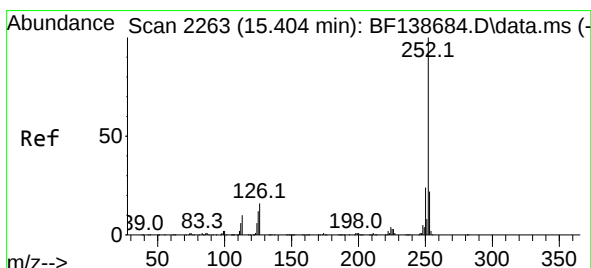
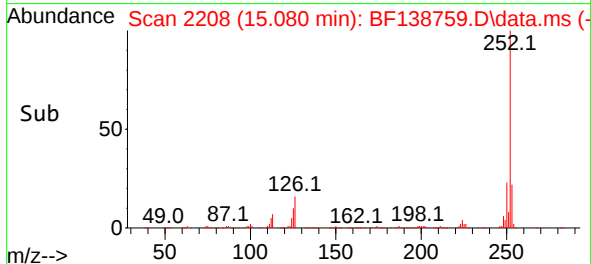
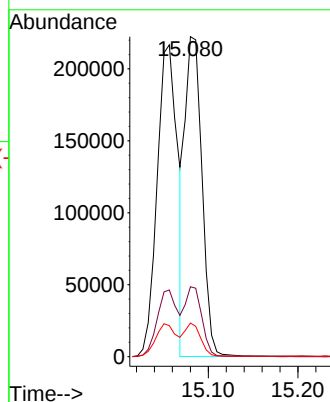
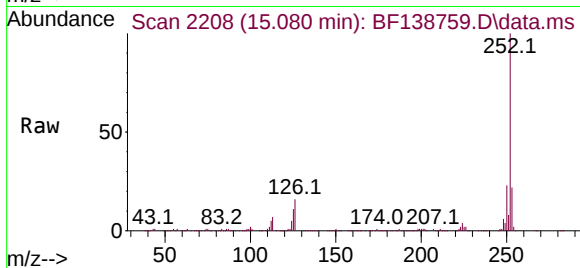
Tgt Ion:252 Resp: 293838

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.5 8.6 13.0



#90

Benzo(a)pyrene

Concen: 39.734 ng

RT: 15.421 min Scan# 2266

Delta R.T. 0.018 min

Lab File: BF138759.D

Acq: 03 Aug 2024 09:28

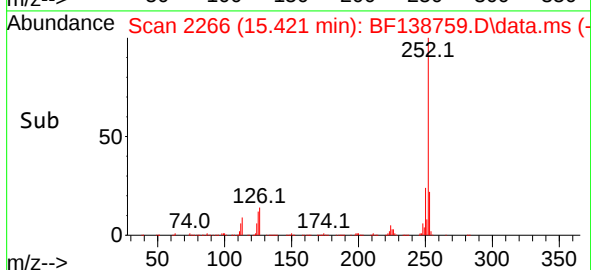
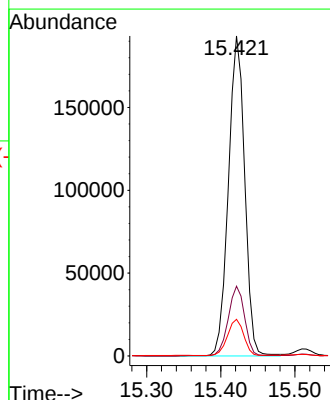
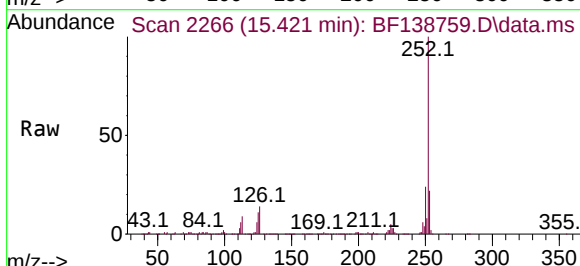
Tgt Ion:252 Resp: 294512

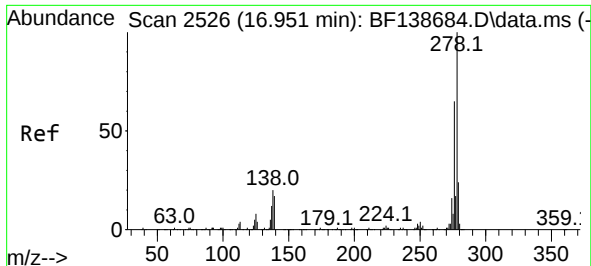
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 11.5 9.5 14.3

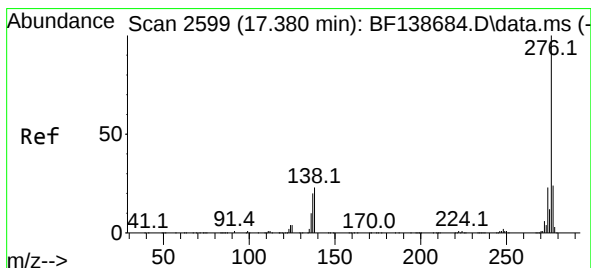
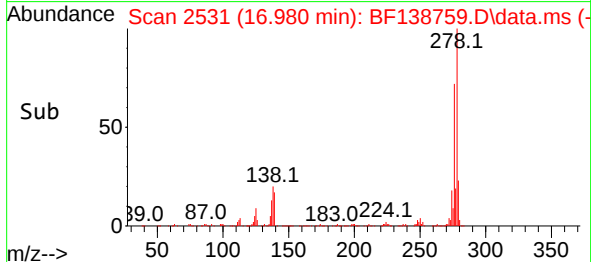
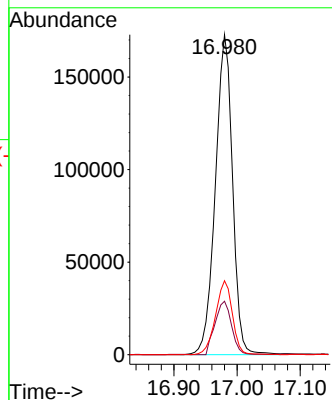
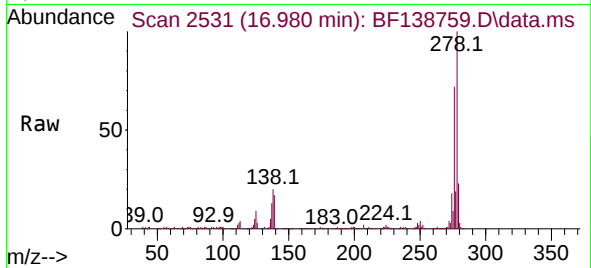




#91  
Dibenzo(a,h)anthracene  
Concen: 39.102 ng  
RT: 16.980 min Scan# 21  
Delta R.T. 0.029 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 326983  
Ion Ratio Lower Upper  
278 100  
139 16.7 14.0 21.0  
279 23.1 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 39.364 ng  
RT: 17.415 min Scan# 2605  
Delta R.T. 0.035 min  
Lab File: BF138759.D  
Acq: 03 Aug 2024 09:28

Tgt Ion:276 Resp: 341582  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.0 28.4  
138 21.9 18.5 27.7

