

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121724\  
 Data File : BF140872.D  
 Acq On : 17 Dec 2024 09:24  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 17 09:45:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 16:59:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 80900    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 293024   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 171346   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 305119   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 214494   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.521 | 264  | 199592   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 413757   | 84.193 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 514513   | 79.044 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 464348   | 79.283 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.681 | 330  | 146313   | 72.199 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 959748   | 77.008 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 1000739  | 73.570 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.593  | 88   | 73928    | 34.924 | ng    | 99       |
| 3) Pyridine                   | 3.375  | 79   | 206893   | 42.204 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.328  | 42   | 95781    | 38.757 | ng    | 93       |
| 6) Aniline                    | 6.516  | 93   | 216814   | 38.957 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.646  | 128  | 210139   | 39.211 | ng    | 99       |
| 9) Benzaldehyde               | 6.410  | 77   | 141884   | 39.340 | ng    | 98       |
| 10) Phenol                    | 6.510  | 94   | 265444   | 39.347 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.587  | 93   | 202408   | 40.231 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.793  | 146  | 240606   | 39.401 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.869  | 146  | 242952   | 39.194 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 227459   | 38.892 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.998  | 79   | 181928   | 39.090 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.122  | 45   | 234637   | 39.589 | ng    | 98       |
| 17) 2-Methylphenol            | 7.116  | 107  | 168251   | 39.323 | ng    | 99       |
| 18) Hexachloroethane          | 7.357  | 117  | 86943    | 37.677 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 149405   | 38.265 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 217025   | 38.252 | ng    | 100      |
| 22) Acetophenone              | 7.263  | 105  | 294268   | 40.145 | ng    | 99       |
| 24) Nitrobenzene              | 7.434  | 77   | 236583   | 39.430 | ng    | 98       |
| 25) Isophorone                | 7.675  | 82   | 389913   | 39.733 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.751  | 139  | 110281   | 39.907 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.793  | 122  | 130275   | 40.367 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.875  | 93   | 244546   | 39.898 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.998  | 162  | 175621   | 39.416 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.069  | 180  | 202643   | 39.674 | ng    | 98       |
| 31) Naphthalene               | 8.151  | 128  | 631448   | 39.230 | ng    | 100      |
| 32) Benzoic acid              | 7.934  | 122  | 115124   | 37.613 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.204  | 127  | 209212   | 39.135 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.263  | 225  | 131706   | 38.326 | ng    | 99       |
| 35) Caprolactam               | 8.587  | 113  | 55005    | 41.467 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 196513   | 39.186 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.840  | 142  | 414033   | 38.885 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.940  | 142  | 408081   | 38.753 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 206485   | 39.207 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.987  | 237  | 37471    | 33.129 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.128  | 196  | 127096   | 39.412 | ng    | 99       |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

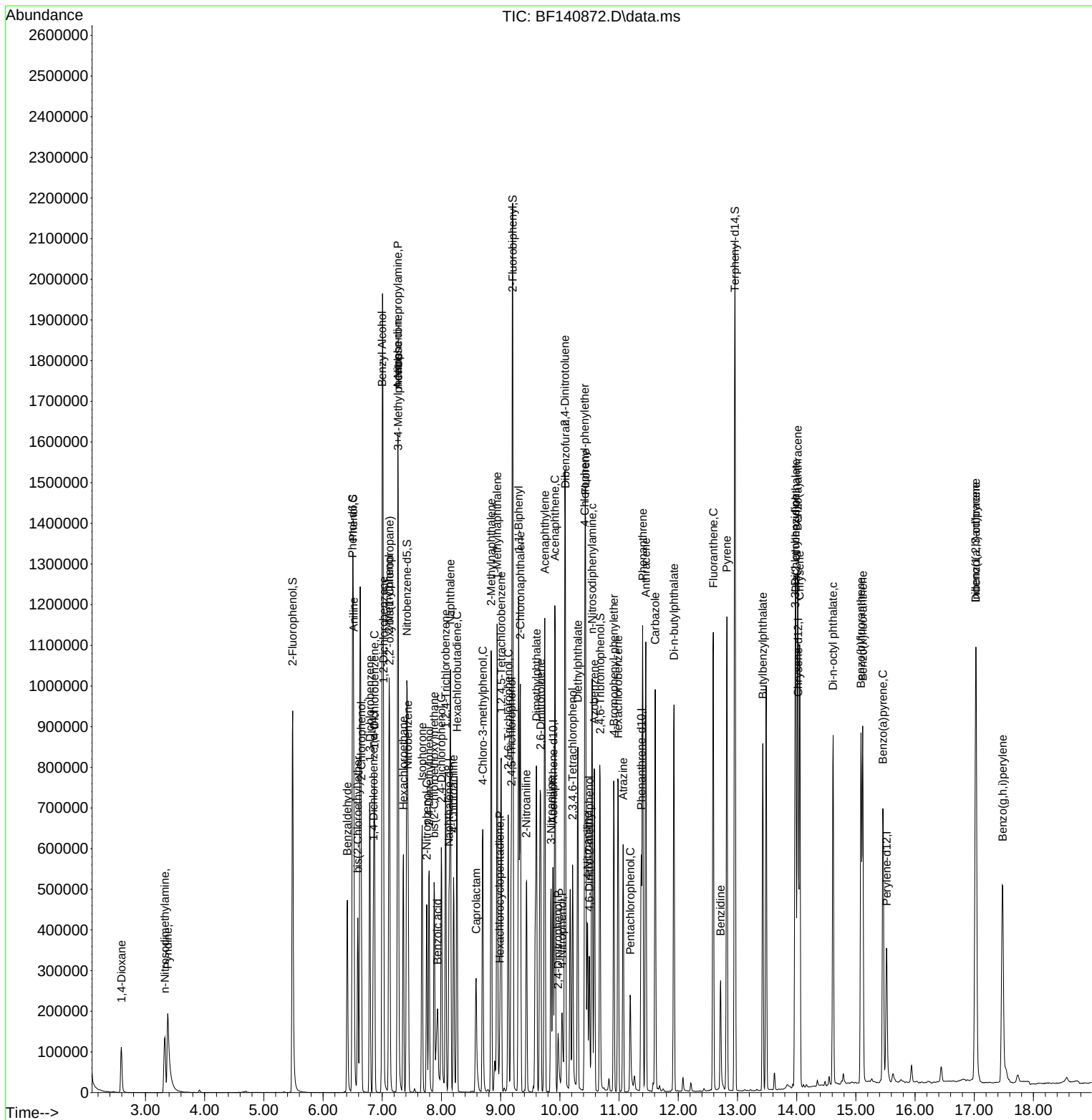
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

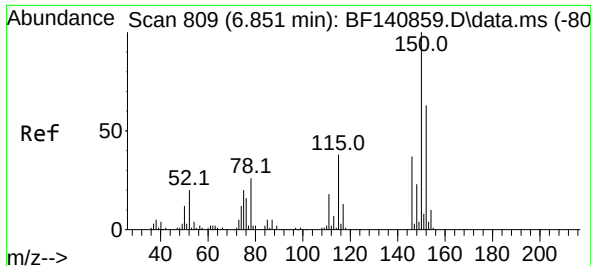
Quant Time: Dec 17 09:45:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 16:59:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 138117   | 38.966 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.304  | 154  | 527541   | 38.718 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.334  | 162  | 401095   | 38.480 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.434  | 65   | 123983   | 39.385 | ng    | 99       |
| 49) Acenaphthylene            | 9.745  | 152  | 590393   | 38.543 | ng    | 100      |
| 50) Dimethylphthalate         | 9.604  | 163  | 467456   | 38.696 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 108802   | 39.397 | ng    | 98       |
| 52) Acenaphthene              | 9.916  | 154  | 376933   | 38.522 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.851  | 138  | 108802   | 39.699 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 37206    | 31.895 | ng    | 98       |
| 55) Dibenzofuran              | 10.092 | 168  | 568600   | 37.501 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 46205    | 34.044 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.086 | 165  | 142147   | 39.120 | ng    | 99       |
| 58) Fluorene                  | 10.434 | 166  | 438004   | 35.016 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 110282   | 38.183 | ng    | 100      |
| 60) Diethylphthalate          | 10.304 | 149  | 449852   | 35.911 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.422 | 204  | 222856   | 35.468 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 103630   | 36.184 | ng    | 96       |
| 63) Azobenzene                | 10.581 | 77   | 416040   | 35.327 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 68959    | 39.884 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.545 | 169  | 371719   | 39.625 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.910 | 248  | 134296   | 39.343 | ng    | 100      |
| 68) Hexachlorobenzene         | 10.986 | 284  | 154263   | 39.860 | ng    | 98       |
| 69) Atrazine                  | 11.069 | 200  | 101496   | 38.739 | ng    | 98       |
| 70) Pentachlorophenol         | 11.192 | 266  | 52188    | 36.883 | ng    | 99       |
| 71) Phenanthrene              | 11.398 | 178  | 605957   | 38.619 | ng    | 100      |
| 72) Anthracene                | 11.451 | 178  | 601930   | 38.955 | ng    | 100      |
| 73) Carbazole                 | 11.610 | 167  | 571386   | 37.753 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.928 | 149  | 698939   | 39.349 | ng    | 100      |
| 75) Fluoranthene              | 12.592 | 202  | 676693   | 37.448 | ng    | 99       |
| 77) Benzidine                 | 12.716 | 184  | 165063   | 37.705 | ng    | 99       |
| 78) Pyrene                    | 12.822 | 202  | 693296   | 36.348 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.427 | 149  | 279336   | 39.801 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.016 | 228  | 584415   | 38.444 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.974 | 252  | 179277   | 39.088 | ng    | 98       |
| 83) Chrysene                  | 14.051 | 228  | 539142   | 39.002 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 389128   | 42.999 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.616 | 149  | 604409   | 44.146 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.027 | 276  | 576644   | 46.297 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.086 | 252  | 580797   | 41.921 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.116 | 252  | 423225   | 35.611 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.457 | 252  | 424036   | 39.087 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.027 | 278  | 481595   | 46.673 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.480 | 276  | 482409   | 45.935 | ng    | 99       |

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

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QLast Update : Mon Dec 16 16:59:50 2024  
Response via : Initial Calibration

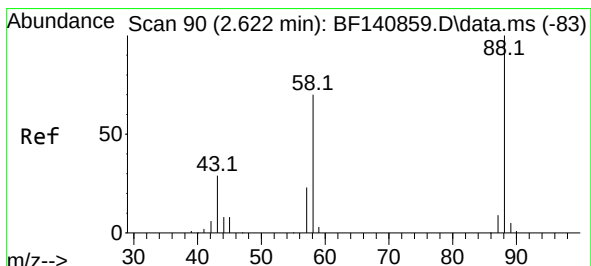
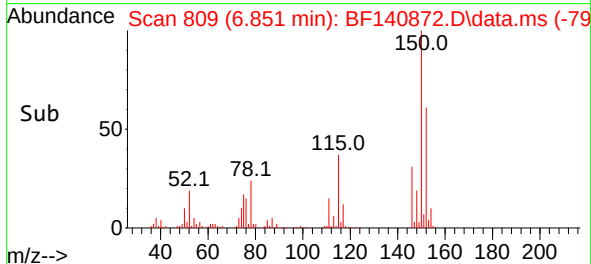
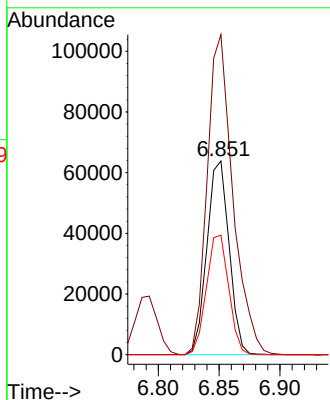
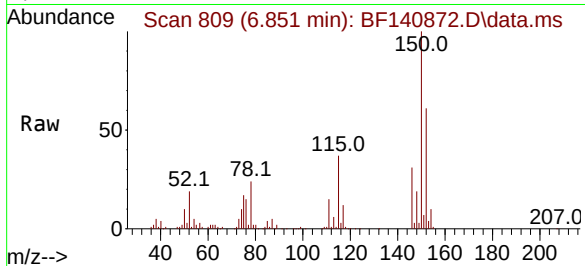




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.851 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF140872.D  
 Acq: 17 Dec 2024 09:24

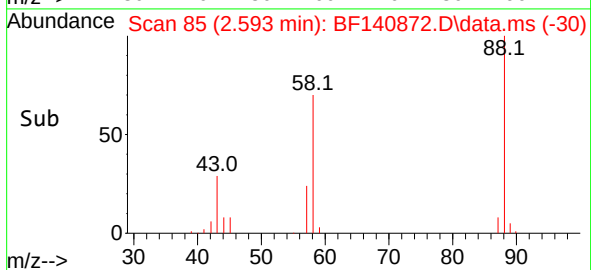
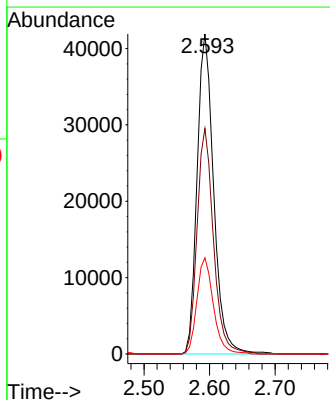
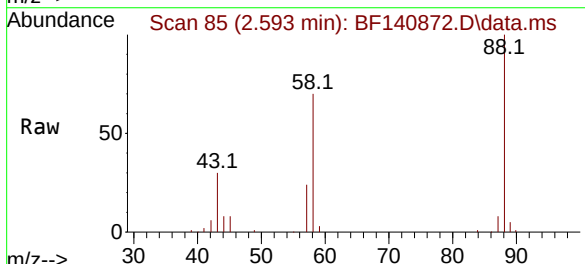
Instrument :  
 BNA\_F  
 ClientSampleId :  
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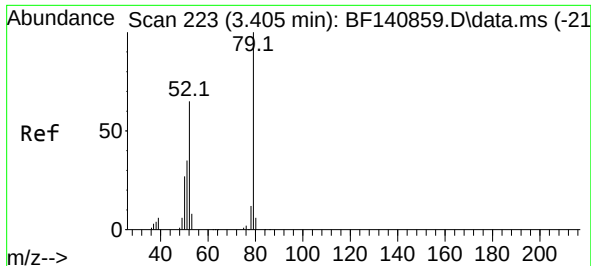
Tgt Ion:152 Resp: 80900  
 Ion Ratio Lower Upper  
 152 100  
 150 165.2 127.9 191.9  
 115 61.7 48.0 72.0



#2  
 1,4-Dioxane  
 Concen: 34.924 ng  
 RT: 2.593 min Scan# 85  
 Delta R.T. -0.029 min  
 Lab File: BF140872.D  
 Acq: 17 Dec 2024 09:24

Tgt Ion: 88 Resp: 73928  
 Ion Ratio Lower Upper  
 88 100  
 58 69.4 55.8 83.8  
 43 29.8 22.7 34.1

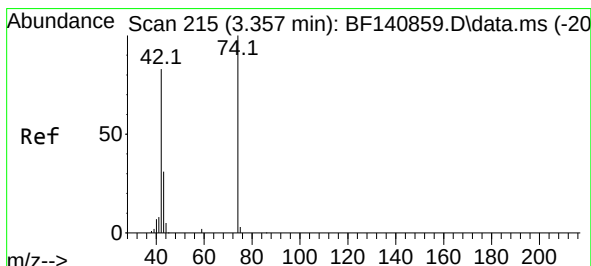
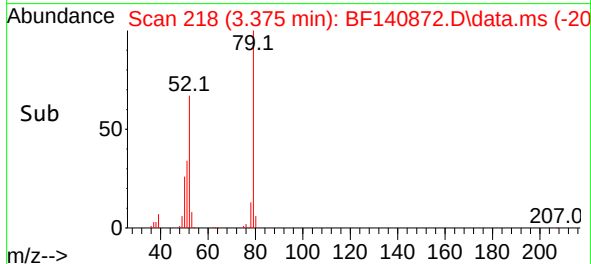
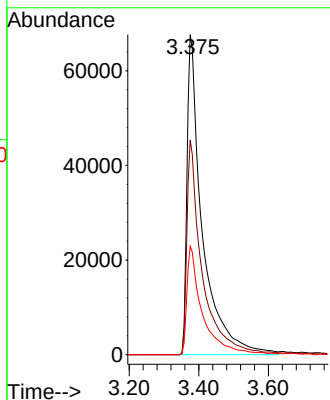
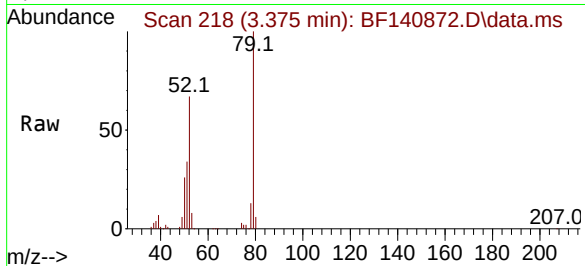




#3  
Pyridine  
Concen: 42.204 ng  
RT: 3.375 min Scan# 21  
Delta R.T. -0.029 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

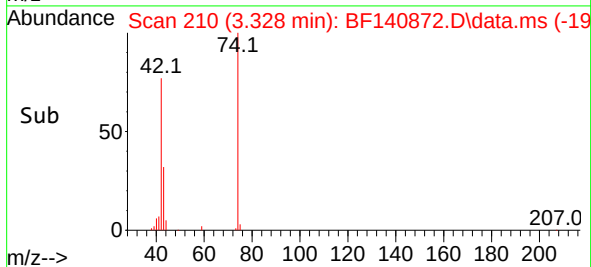
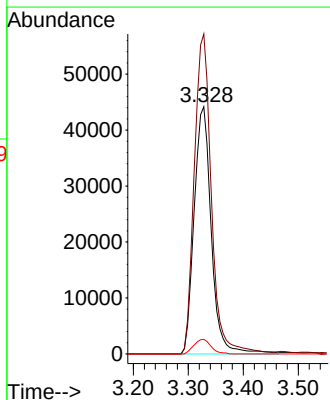
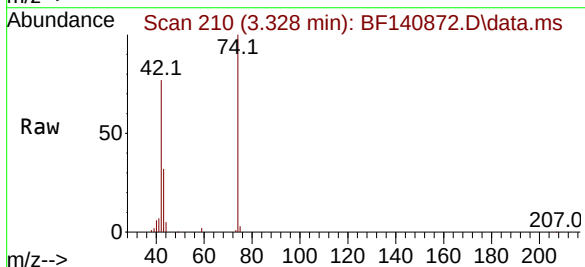
Instrument :  
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ClientSampleId :  
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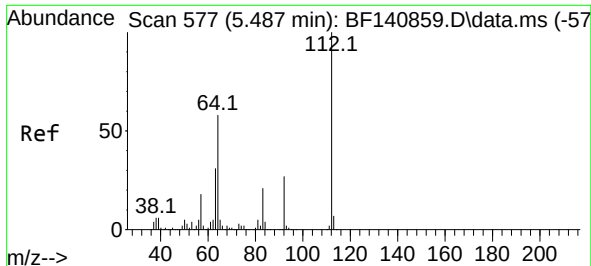
Tgt Ion: 79 Resp: 206893  
Ion Ratio Lower Upper  
79 100  
52 67.1 51.7 77.5  
51 33.9 28.2 42.4



#4  
n-Nitrosodimethylamine  
Concen: 38.757 ng  
RT: 3.328 min Scan# 210  
Delta R.T. -0.029 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion: 42 Resp: 95781  
Ion Ratio Lower Upper  
42 100  
74 129.5 96.9 145.3  
44 5.9 4.4 6.6

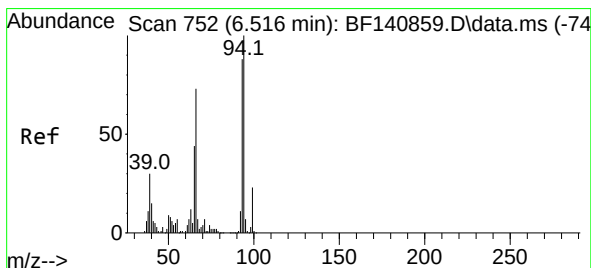
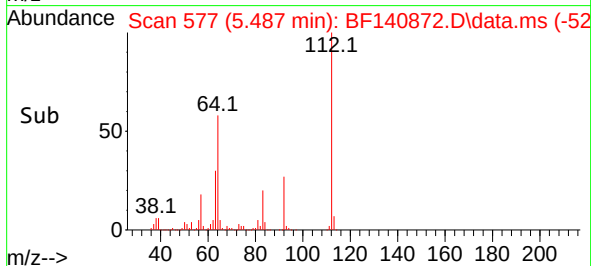
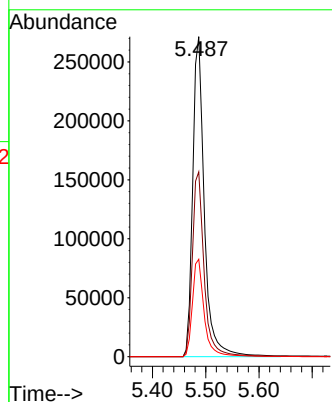
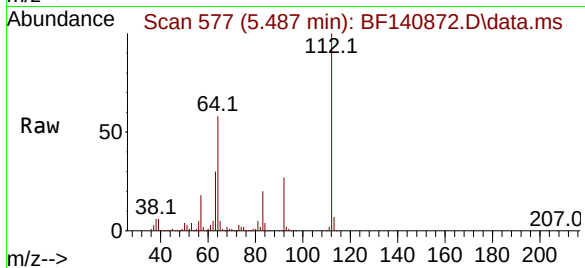




#5  
2-Fluorophenol  
Concen: 84.193 ng  
RT: 5.487 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

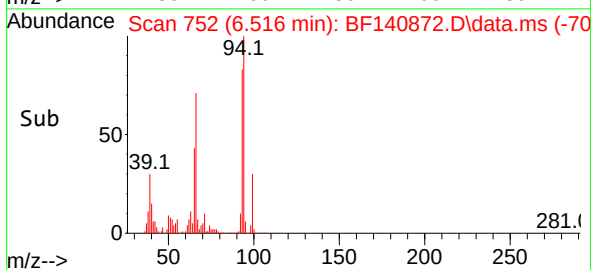
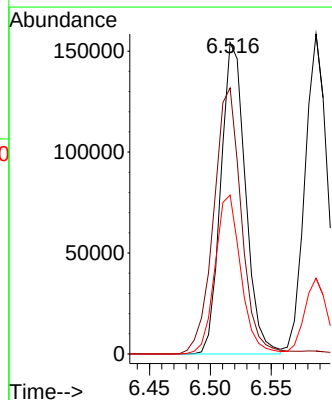
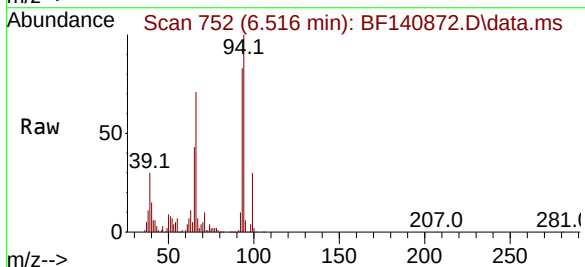
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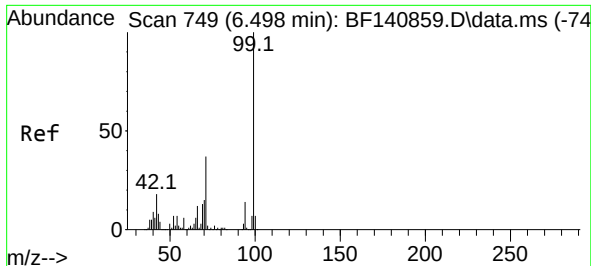
Tgt Ion:112 Resp: 413757  
Ion Ratio Lower Upper  
112 100  
64 57.8 46.1 69.1  
63 30.5 24.9 37.3



#6  
Aniline  
Concen: 38.957 ng  
RT: 6.516 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion: 93 Resp: 216814  
Ion Ratio Lower Upper  
93 100  
66 85.5 67.0 100.4  
65 51.0 40.4 60.6





#7

Phenol-d6

Concen: 79.044 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

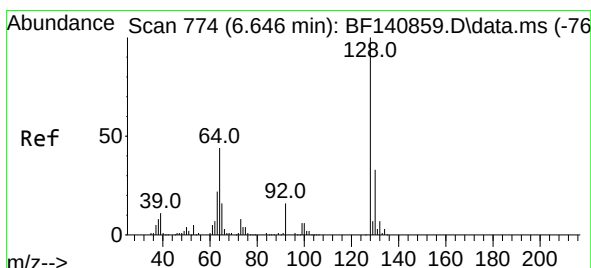
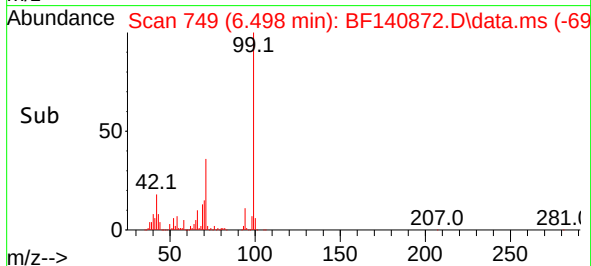
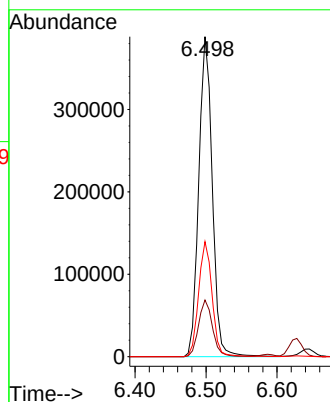
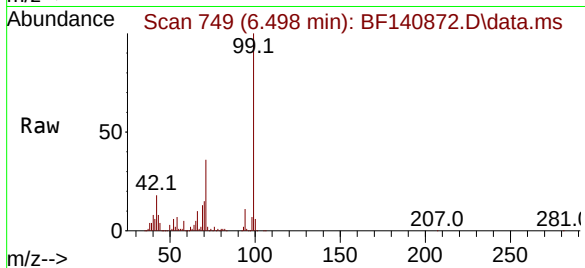
Tgt Ion: 99 Resp: 514513

Ion Ratio Lower Upper

99 100

42 17.7 14.3 21.5

71 36.0 29.9 44.9



#8

2-Chlorophenol

Concen: 39.211 ng

RT: 6.646 min Scan# 774

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

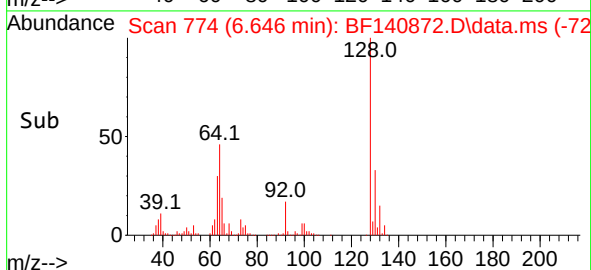
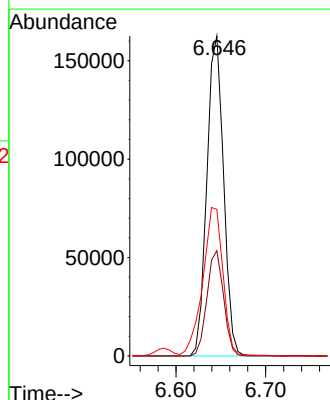
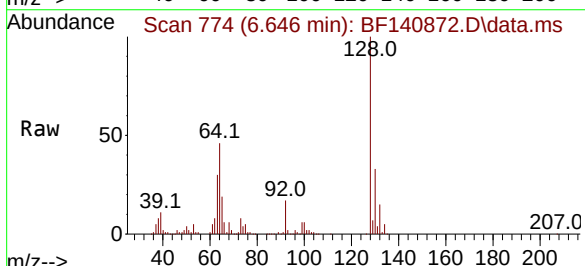
Tgt Ion:128 Resp: 210139

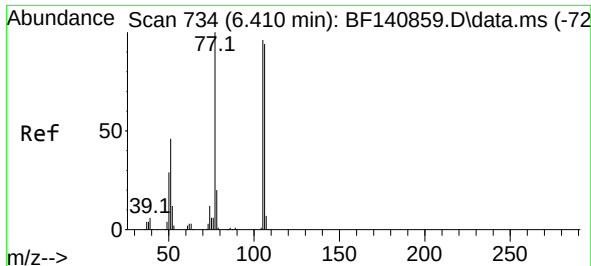
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 45.8 24.3 64.3





#9

Benzaldehyde

Concen: 39.340 ng

RT: 6.410 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF140872.D

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Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

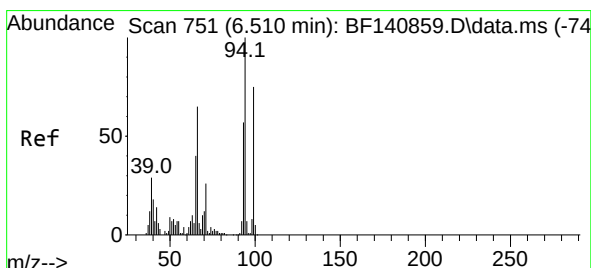
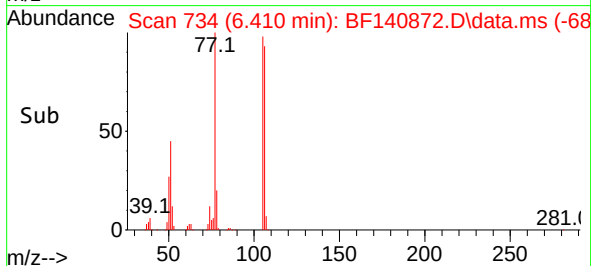
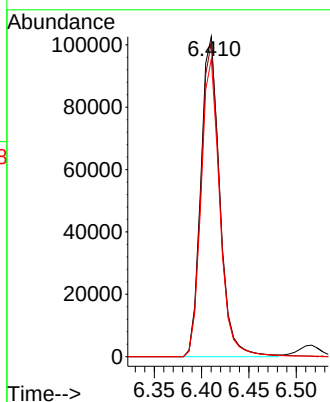
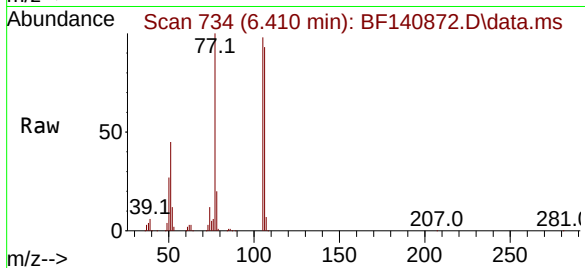
Tgt Ion: 77 Resp: 141884

Ion Ratio Lower Upper

77 100

105 98.1 75.8 115.8

106 93.0 74.1 114.1



#10

Phenol

Concen: 39.347 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

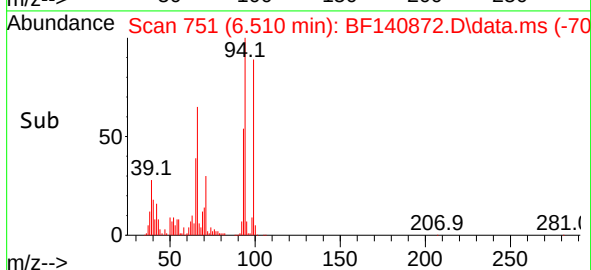
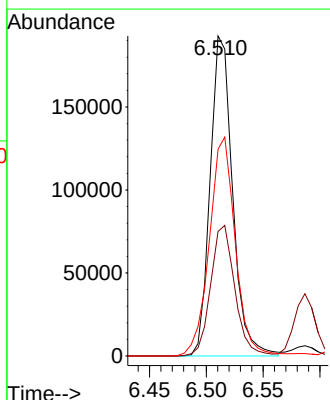
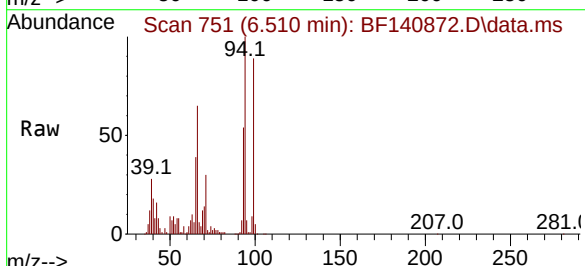
Tgt Ion: 94 Resp: 265444

Ion Ratio Lower Upper

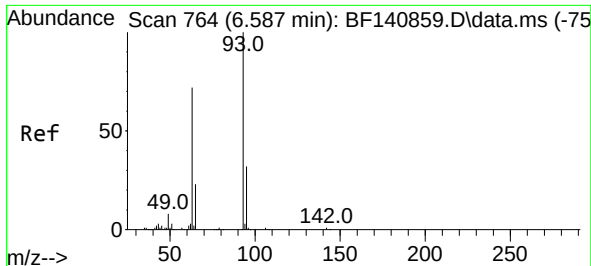
94 100

65 38.9 19.9 59.9

66 64.6 45.6 85.6



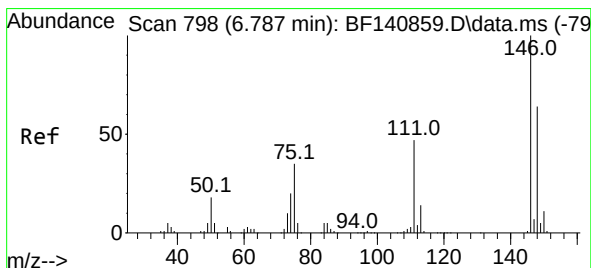
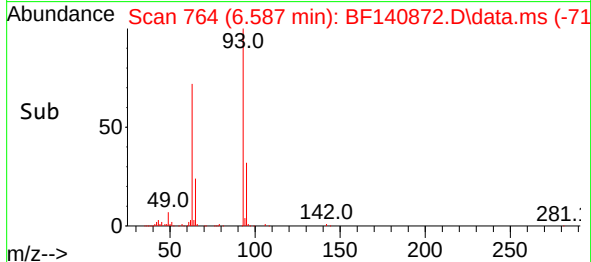
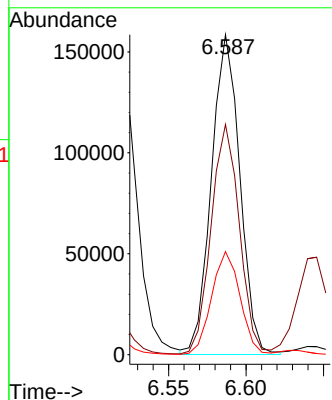
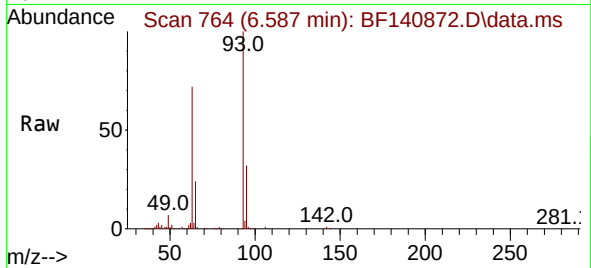




#11  
bis(2-Chloroethyl)ether  
Concen: 40.231 ng  
RT: 6.587 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

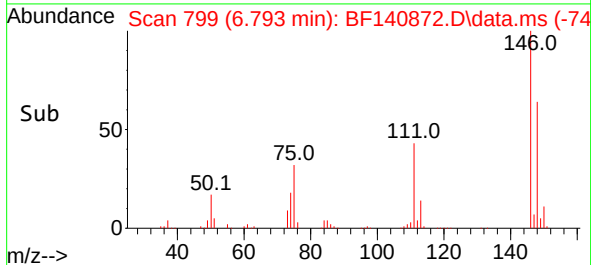
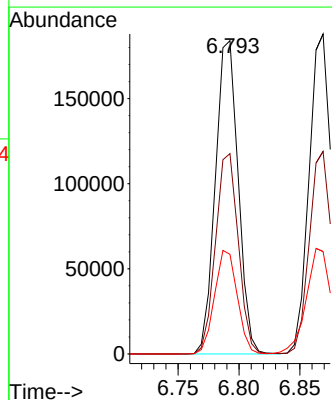
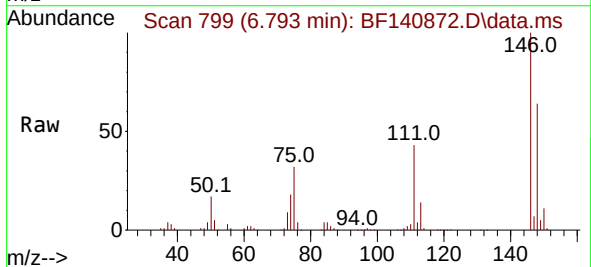
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

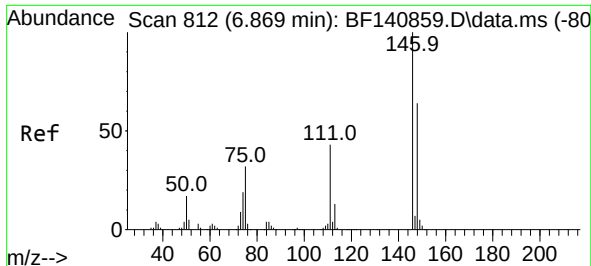
Tgt Ion: 93 Resp: 202408  
Ion Ratio Lower Upper  
93 100  
63 72.0 51.0 91.0  
95 32.2 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 39.401 ng  
RT: 6.793 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion:146 Resp: 240606  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.0 76.6  
75 31.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 39.194 ng

RT: 6.869 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

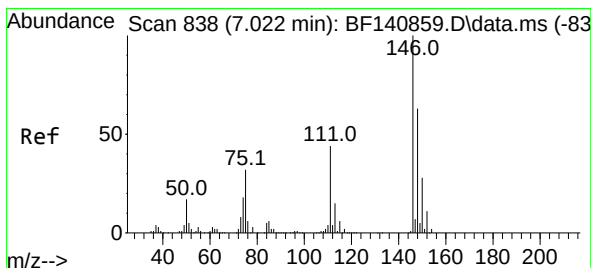
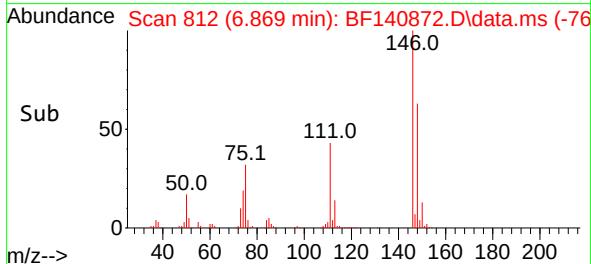
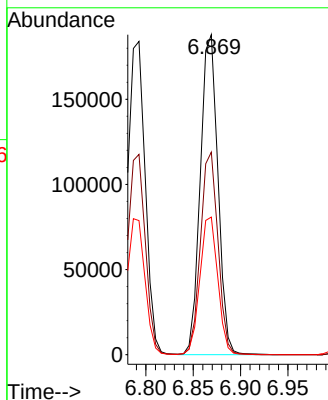
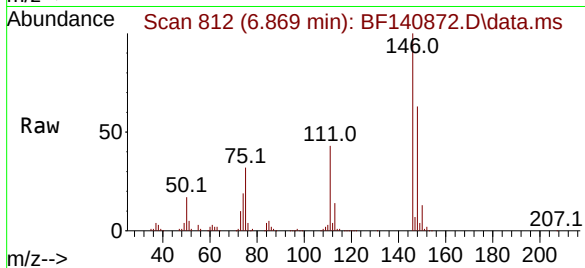
Tgt Ion:146 Resp: 242952

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

111 43.0 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 38.892 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

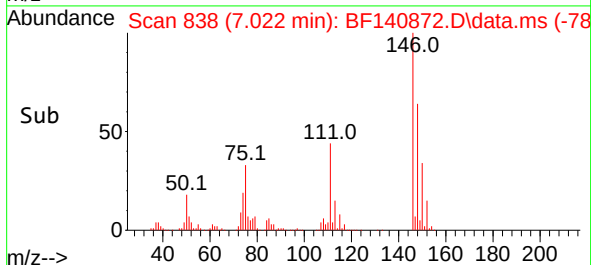
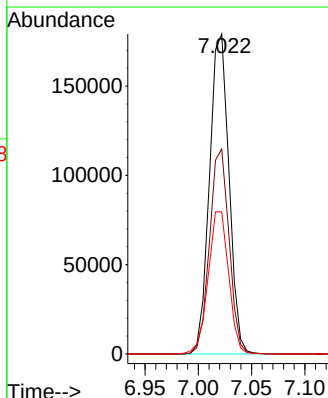
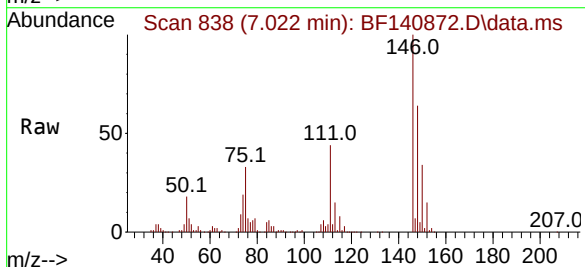
Tgt Ion:146 Resp: 227459

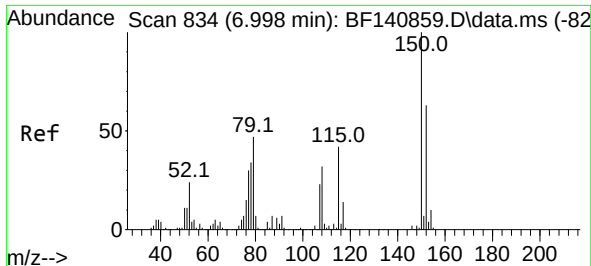
Ion Ratio Lower Upper

146 100

148 64.0 50.0 75.0

111 44.4 35.6 53.4

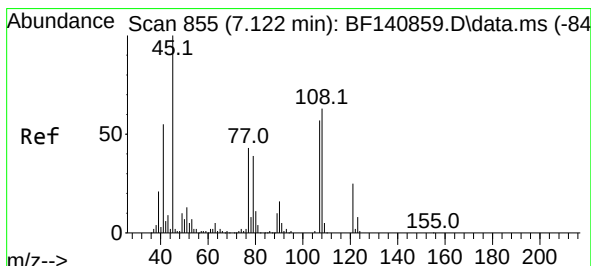
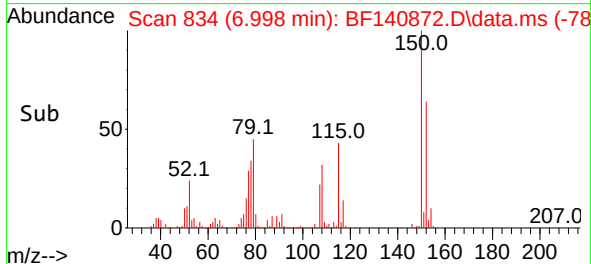
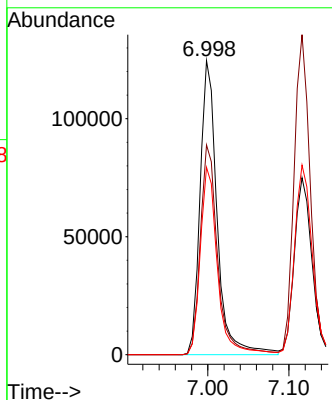
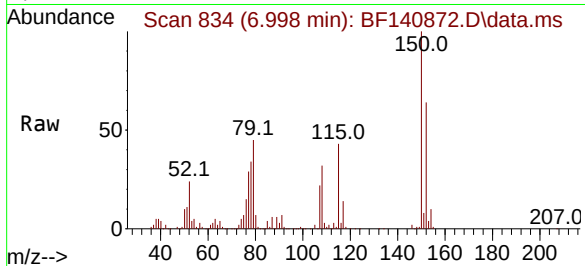




#15  
Benzyl Alcohol  
Concen: 39.090 ng  
RT: 6.998 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

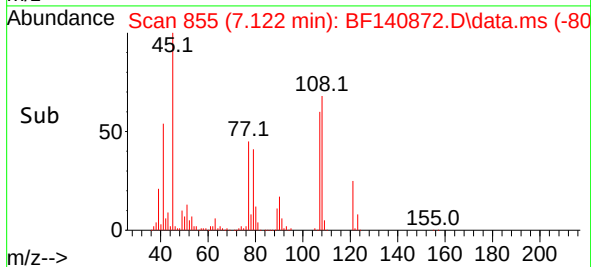
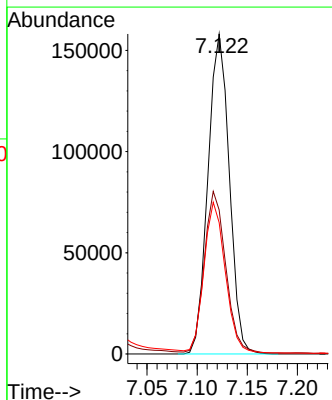
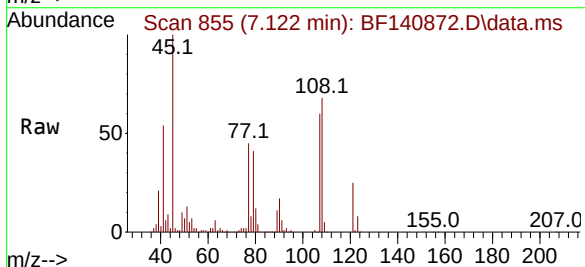
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

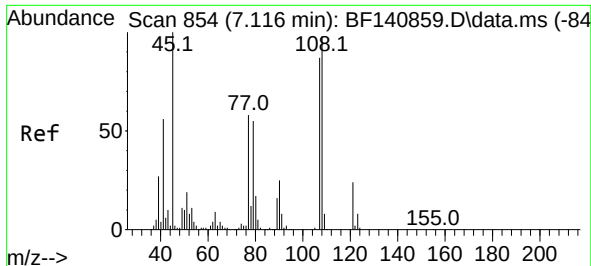
Tgt Ion: 79 Resp: 181928  
Ion Ratio Lower Upper  
79 100  
108 71.4 55.1 82.7  
77 63.7 50.6 76.0



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.589 ng  
RT: 7.122 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion: 45 Resp: 234637  
Ion Ratio Lower Upper  
45 100  
77 45.0 23.3 63.3  
79 41.1 20.0 60.0

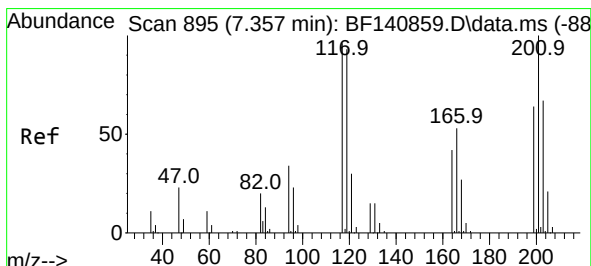
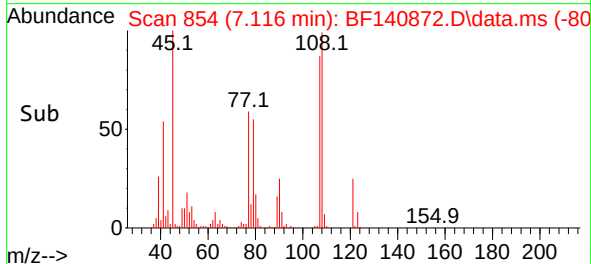
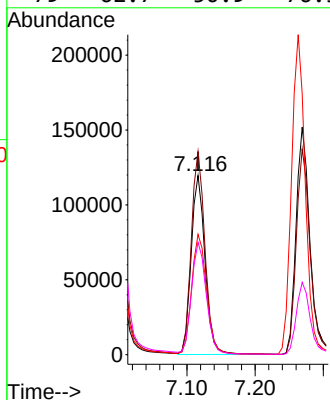
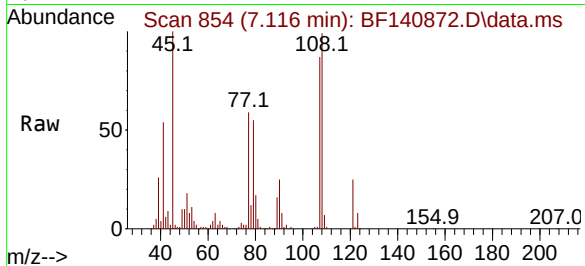




#17  
2-Methylphenol  
Concen: 39.323 ng  
RT: 7.116 min Scan# 854  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

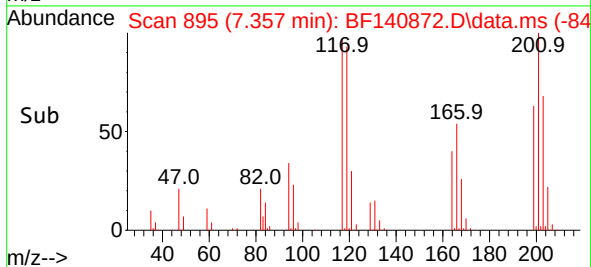
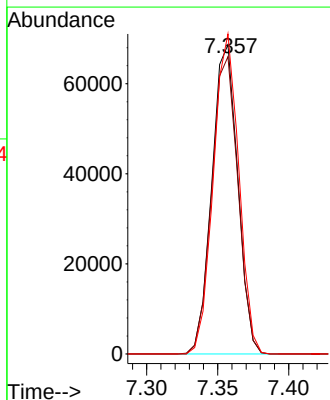
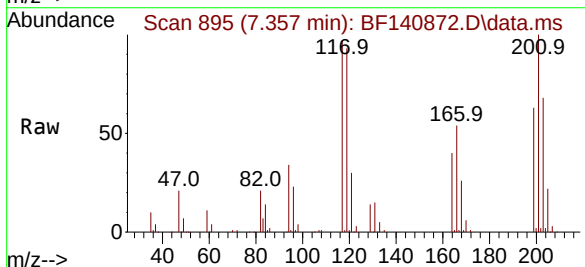
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

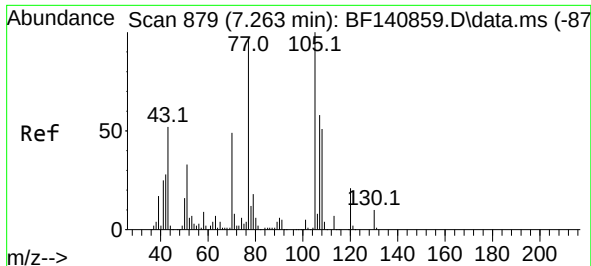
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 168251 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.4 | 90.2  | 135.4  |
| 77       | 67.2  | 53.8  | 80.6   |
| 79       | 62.7  | 50.9  | 76.3   |



#18  
Hexachloroethane  
Concen: 37.677 ng  
RT: 7.357 min Scan# 895  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 86943 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.1  | 77.4  | 116.0 |
| 201      | 103.5 | 83.4  | 125.0 |

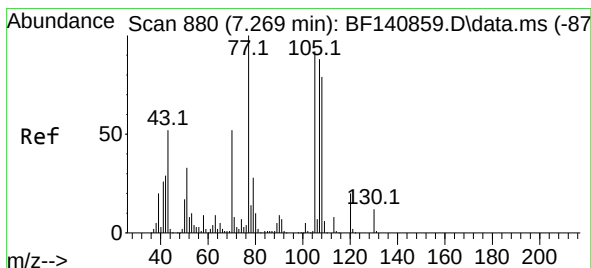
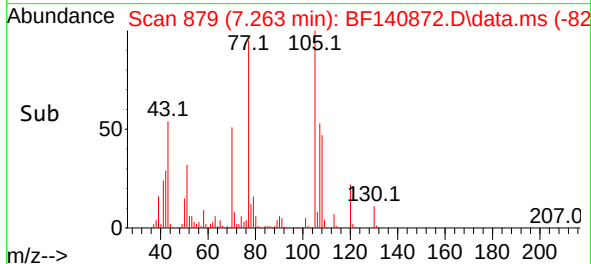
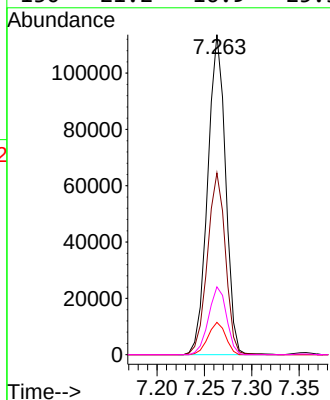
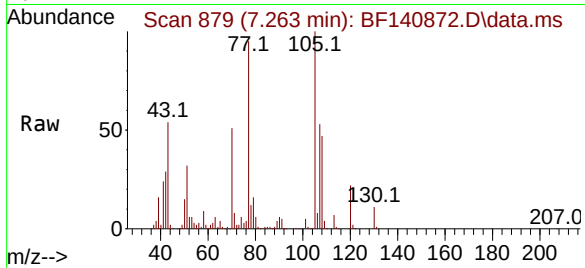




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.265 ng  
RT: 7.263 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

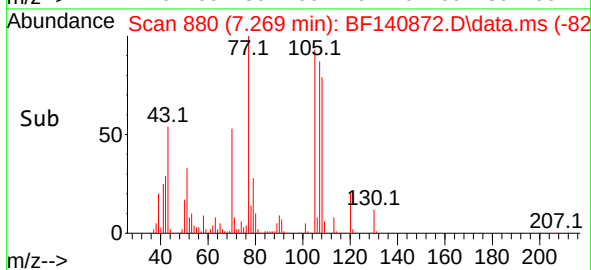
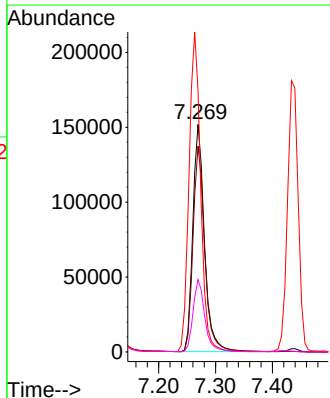
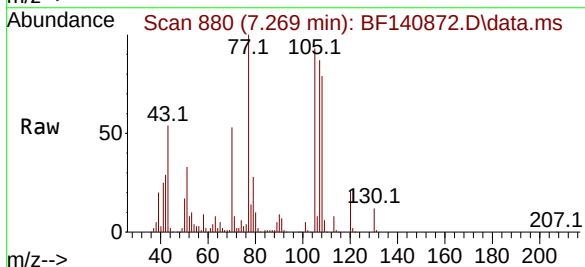
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

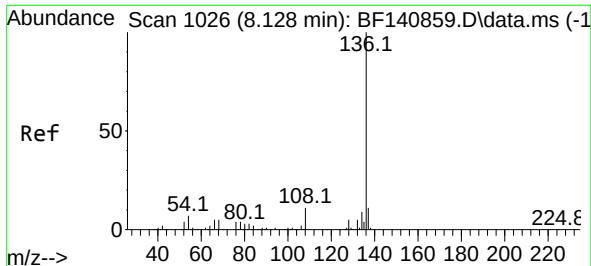
Tgt Ion: 70 Resp: 149405  
Ion Ratio Lower Upper  
70 100  
42 56.8 45.3 67.9  
101 10.1 8.0 12.0  
130 21.2 16.9 25.3



#20  
3+4-Methylphenols  
Concen: 38.252 ng  
RT: 7.269 min Scan# 880  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion: 107 Resp: 217025  
Ion Ratio Lower Upper  
107 100  
108 90.4 70.1 110.1  
77 114.6 94.4 134.4  
79 31.8 12.2 52.2

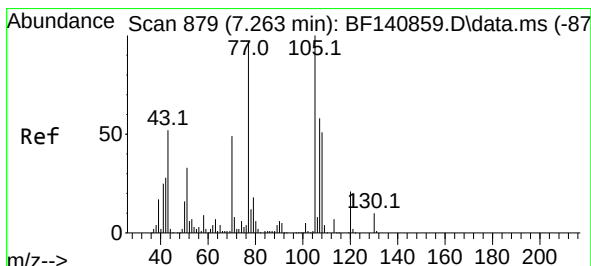
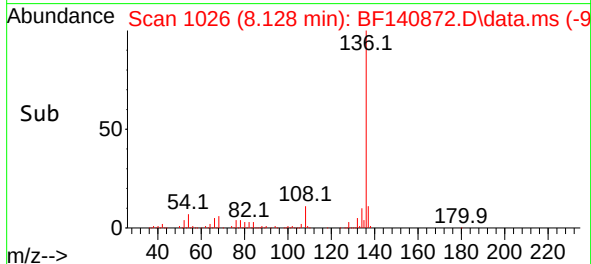
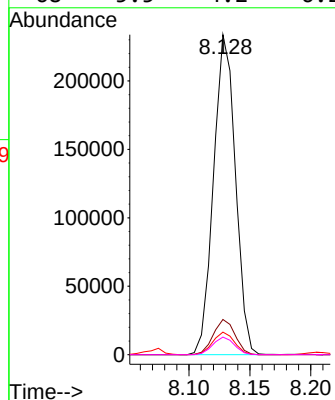
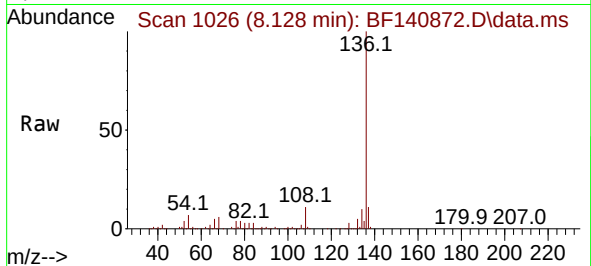




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

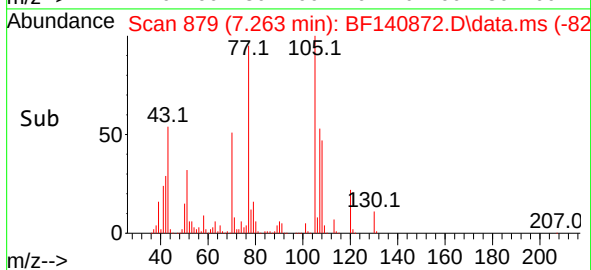
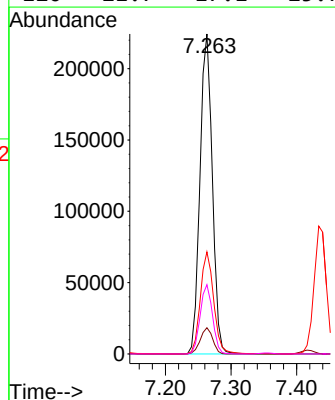
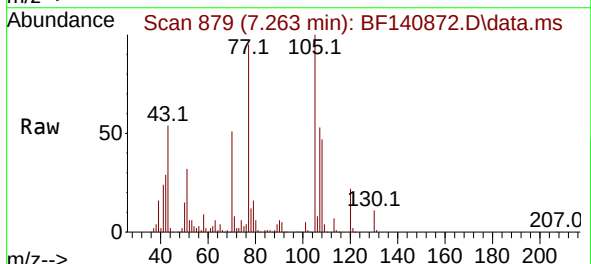
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

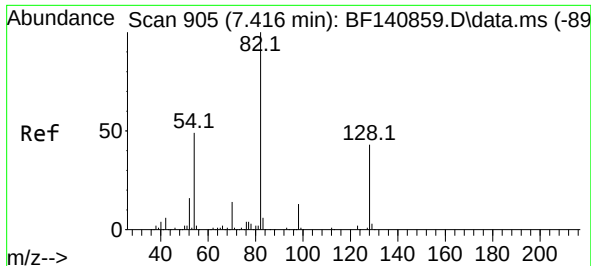
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 293024 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 9.0   | 13.4   |
| 54       | 7.1   | 5.6   | 8.4    |
| 68       | 5.5   | 4.2   | 6.2    |



#22  
Acetophenone  
Concen: 40.145 ng  
RT: 7.263 min Scan# 879  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 294268 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 8.2   | 6.2   | 9.4    |
| 51       | 31.9  | 26.3  | 39.5   |
| 120      | 21.7  | 17.1  | 25.7   |





#23

Nitrobenzene-d5

Concen: 79.283 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

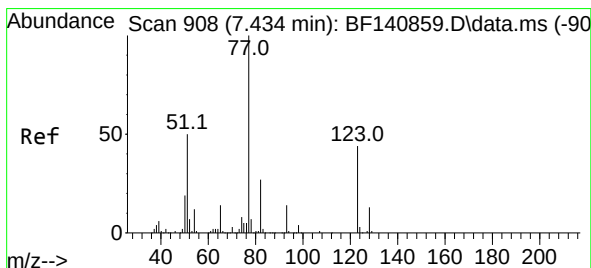
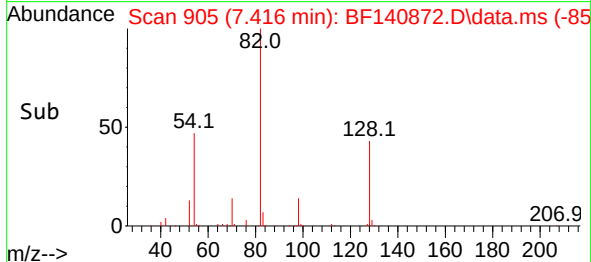
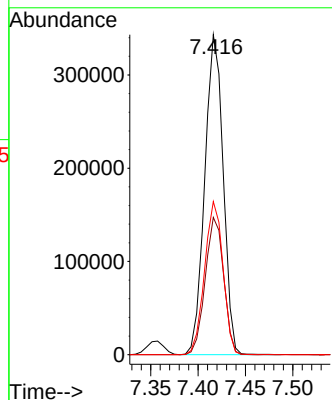
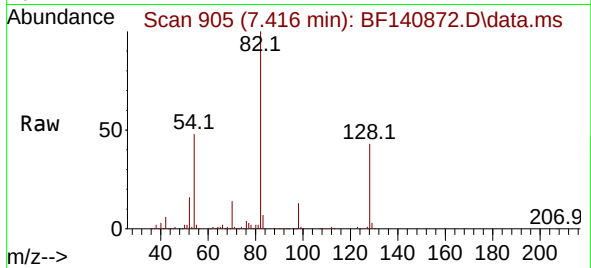
Tgt Ion: 82 Resp: 464348

Ion Ratio Lower Upper

82 100

128 42.9 34.4 51.6

54 47.9 38.8 58.2



#24

Nitrobenzene

Concen: 39.430 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

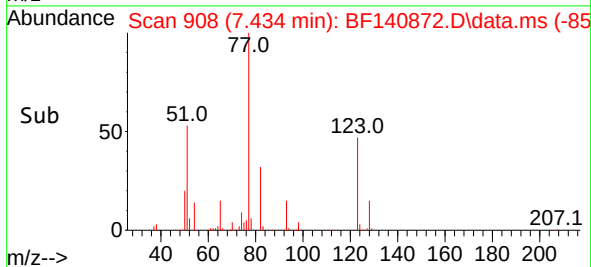
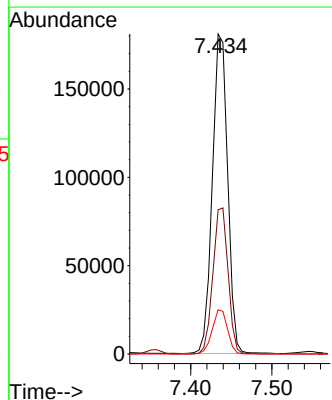
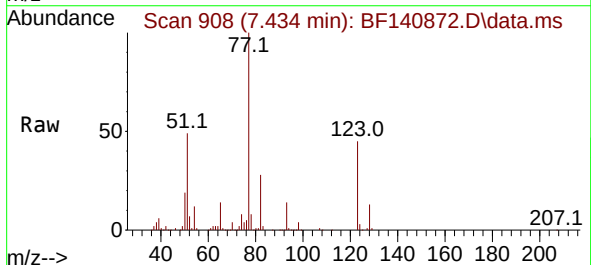
Tgt Ion: 77 Resp: 236583

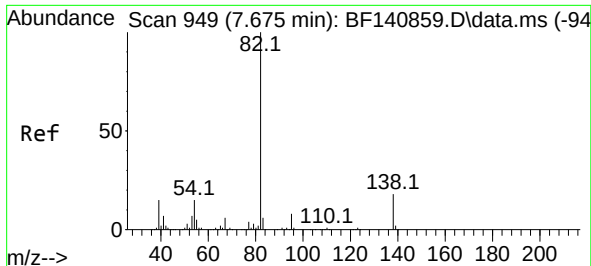
Ion Ratio Lower Upper

77 100

123 45.0 35.0 52.4

65 13.8 11.4 17.0

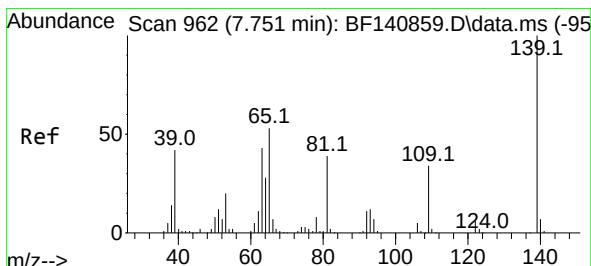
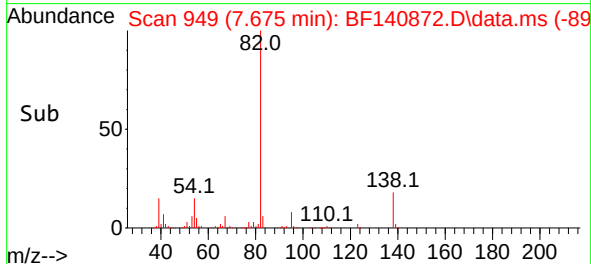
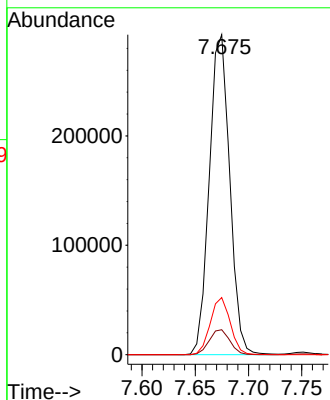
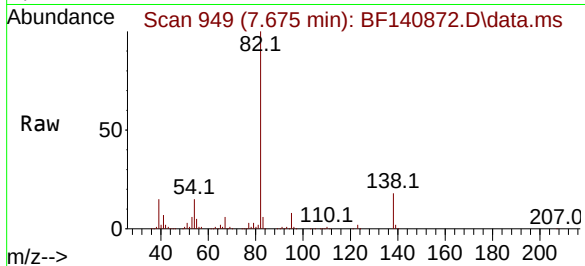




#25  
Isophorone  
Concen: 39.733 ng  
RT: 7.675 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

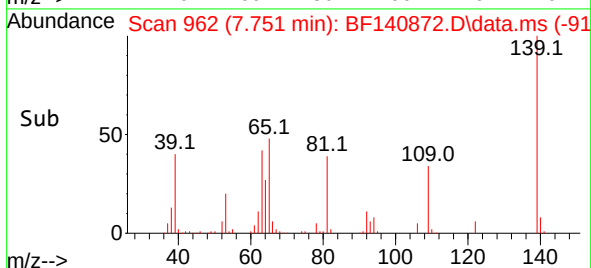
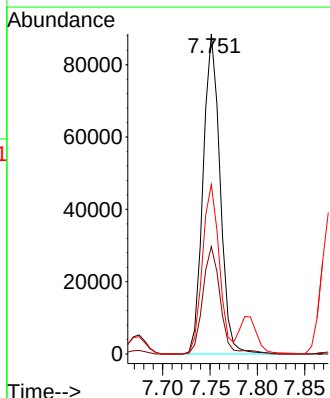
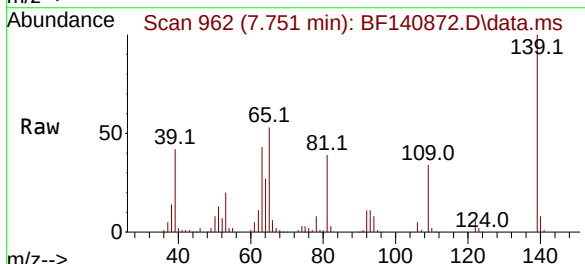
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 389913  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.3 9.5  
138 17.9 14.1 21.1

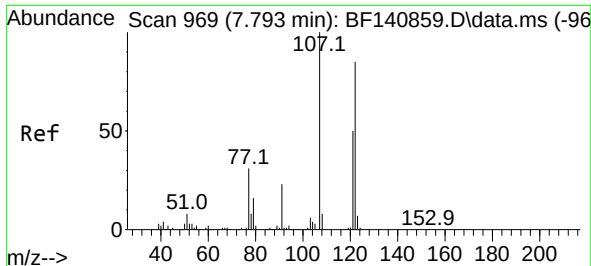


#26  
2-Nitrophenol  
Concen: 39.907 ng  
RT: 7.751 min Scan# 962  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion: 139 Resp: 110281  
Ion Ratio Lower Upper  
139 100  
109 33.5 26.9 40.3  
65 52.9 42.6 64.0



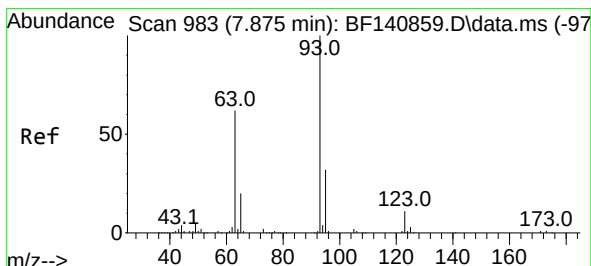
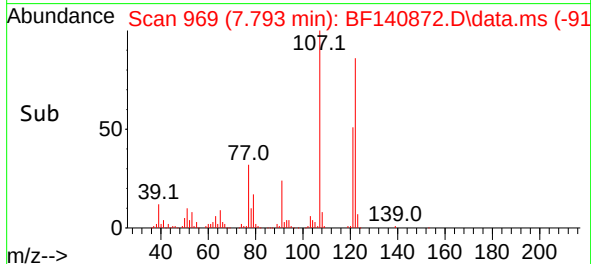
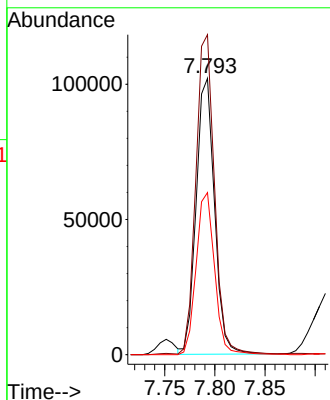
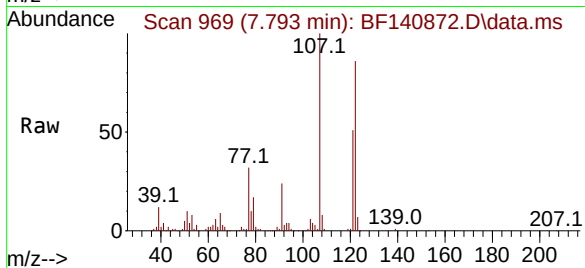




#27  
2,4-Dimethylphenol  
Concen: 40.367 ng  
RT: 7.793 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

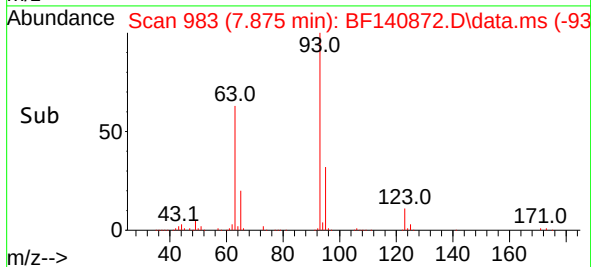
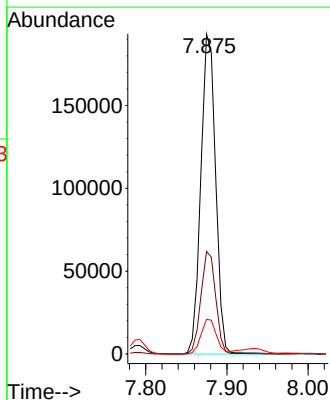
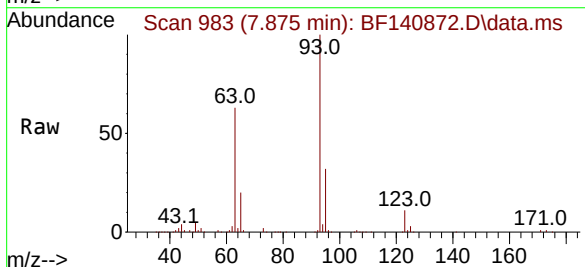
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

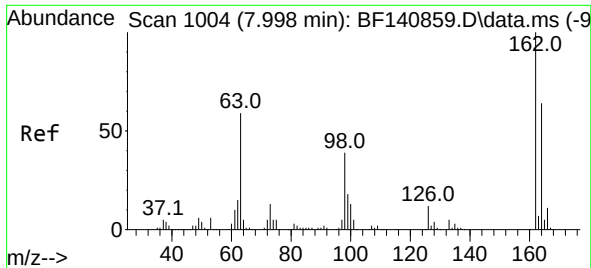
Tgt Ion:122 Resp: 130275  
Ion Ratio Lower Upper  
122 100  
107 115.8 92.6 139.0  
121 58.7 45.8 68.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.898 ng  
RT: 7.875 min Scan# 983  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion: 93 Resp: 244546  
Ion Ratio Lower Upper  
93 100  
95 32.0 25.3 37.9  
123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 39.416 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

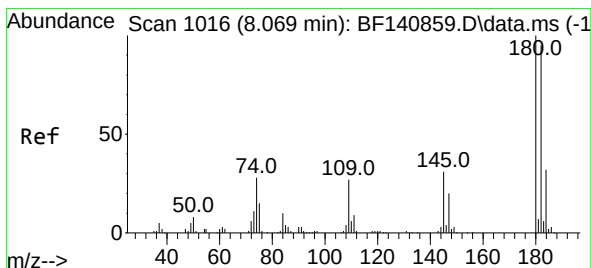
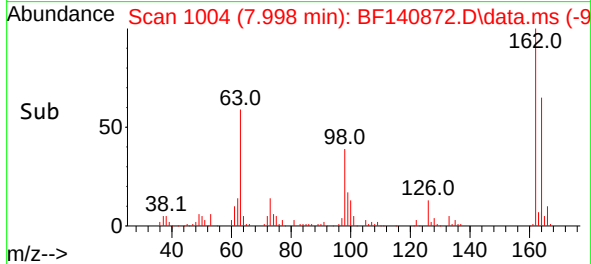
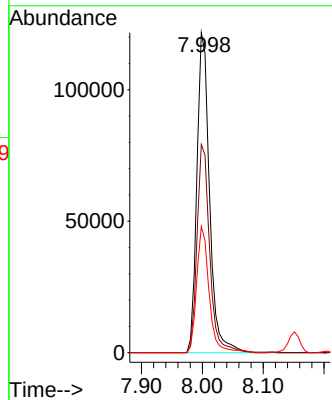
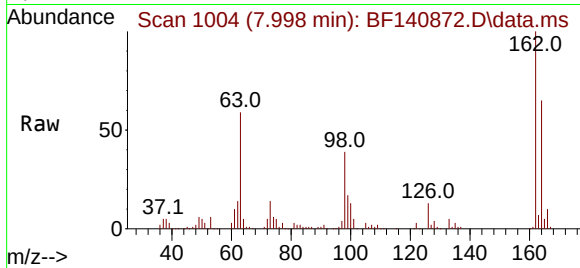
Tgt Ion:162 Resp: 175621

Ion Ratio Lower Upper

162 100

164 65.0 43.7 83.7

98 39.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 39.674 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

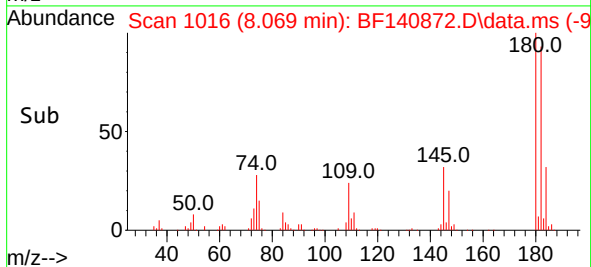
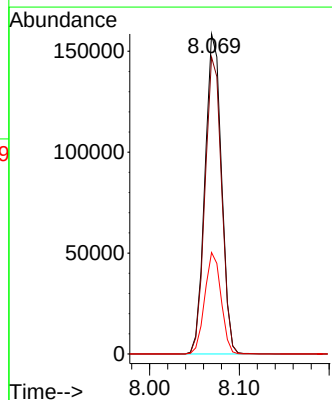
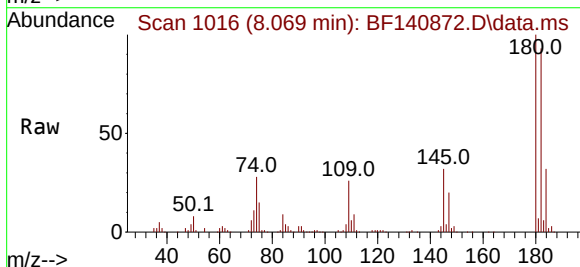
Tgt Ion:180 Resp: 202643

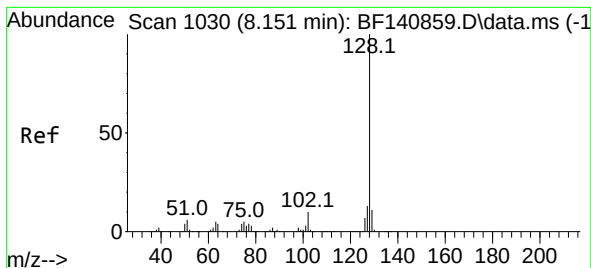
Ion Ratio Lower Upper

180 100

182 92.7 75.8 113.6

145 31.7 25.2 37.8





#31

Naphthalene

Concen: 39.230 ng

RT: 8.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

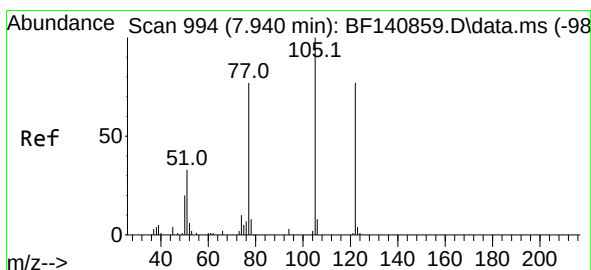
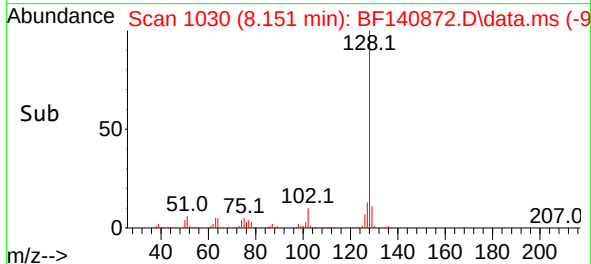
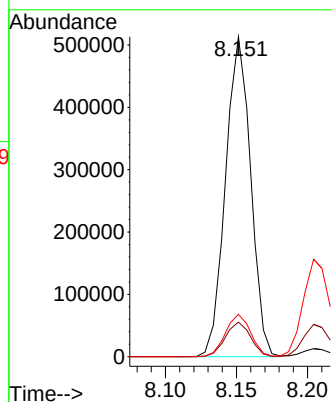
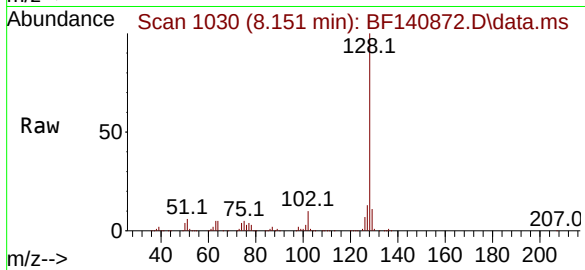
Tgt Ion:128 Resp: 631448

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 37.613 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

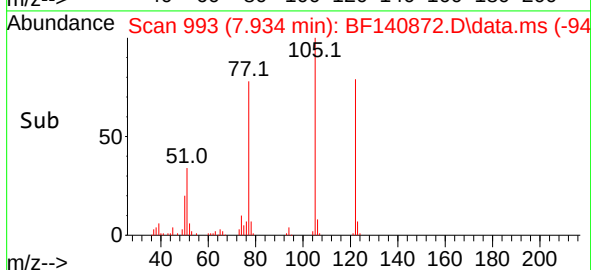
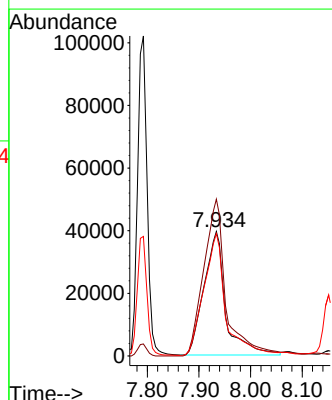
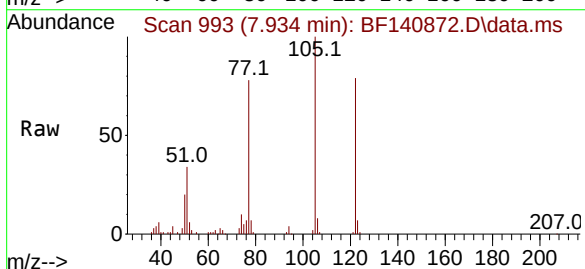
Tgt Ion:122 Resp: 115124

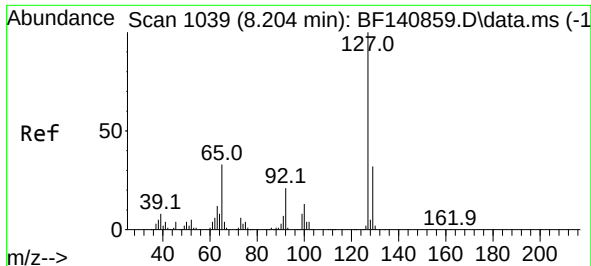
Ion Ratio Lower Upper

122 100

105 126.0 108.3 148.3

77 98.3 78.8 118.8

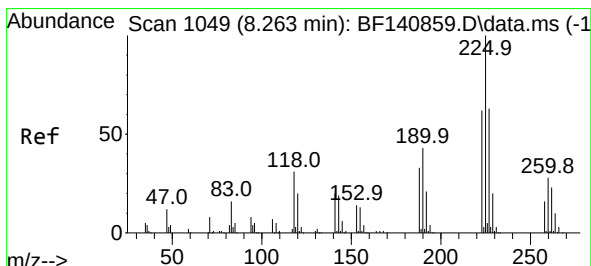
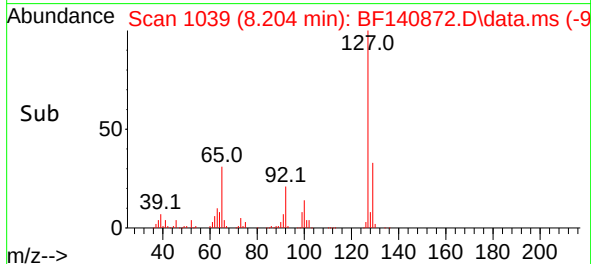
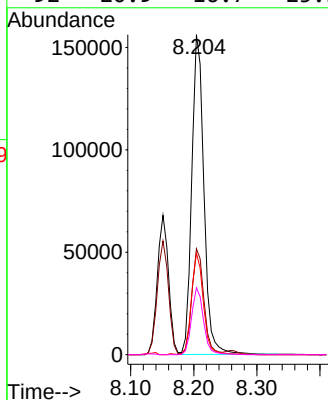
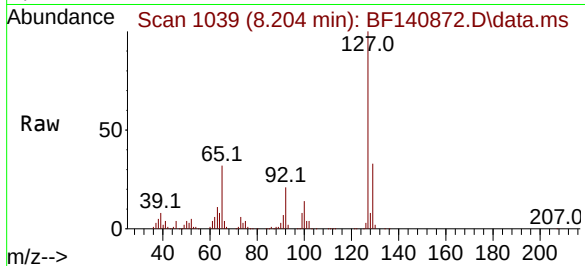




#33  
4-Chloroaniline  
Concen: 39.135 ng  
RT: 8.204 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

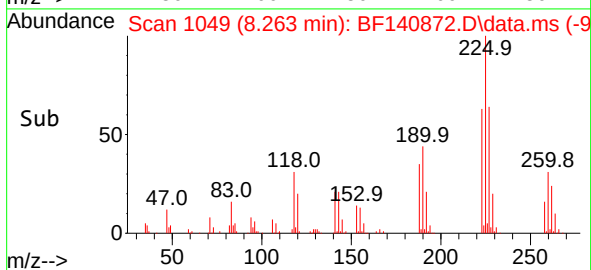
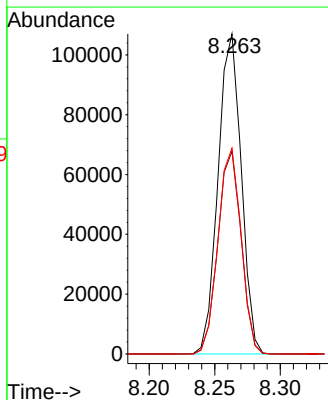
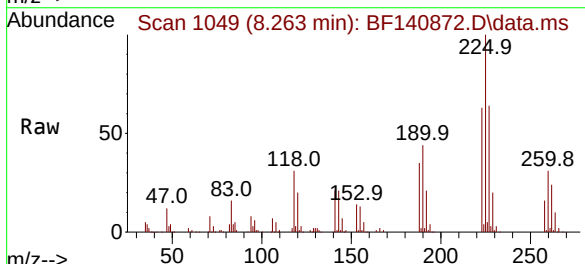
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

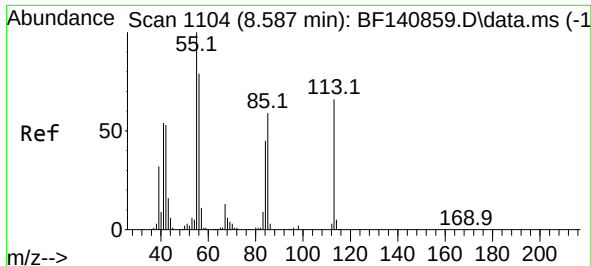
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 209212 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 33.1    | 26.0 39.0    |
| 65 31.7     | 26.0 39.0    |
| 92 20.9     | 16.7 25.1    |



#34  
Hexachlorobutadiene  
Concen: 38.326 ng  
RT: 8.263 min Scan# 1049  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

|             |              |       |      |
|-------------|--------------|-------|------|
| Tgt Ion:225 | Resp: 131706 |       |      |
| Ion Ratio   | Lower        | Upper |      |
| 225         | 100          |       |      |
| 223         | 63.3         | 49.6  | 74.4 |
| 227         | 64.4         | 50.7  | 76.1 |

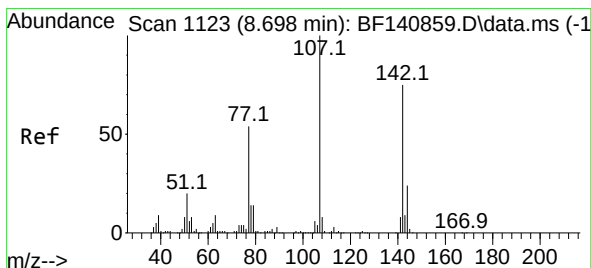
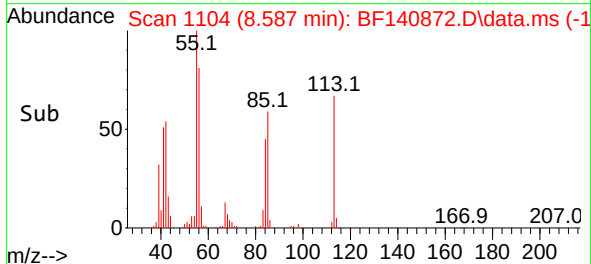
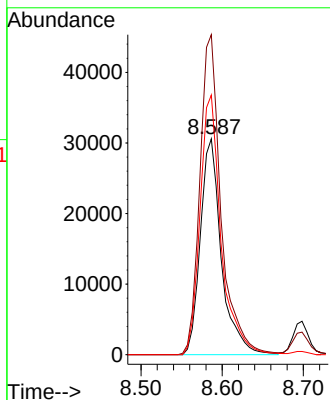
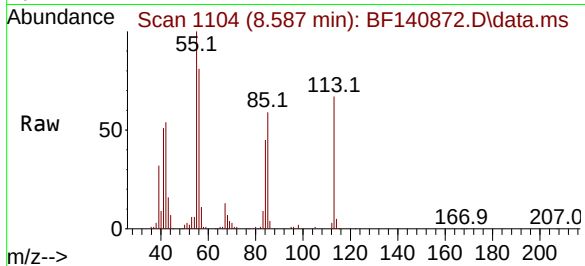




#35  
 Caprolactam  
 Concen: 41.467 ng  
 RT: 8.587 min Scan# 1104  
 Delta R.T. 0.000 min  
 Lab File: BF140872.D  
 Acq: 17 Dec 2024 09:24

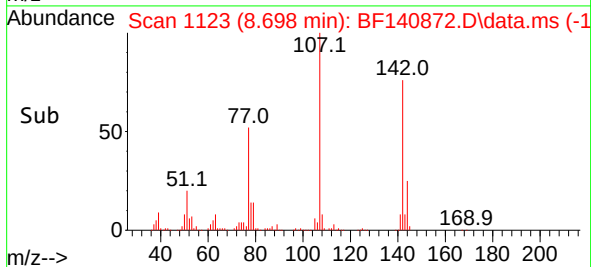
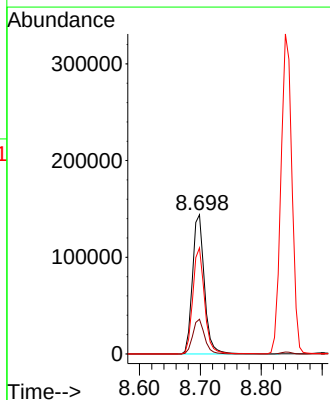
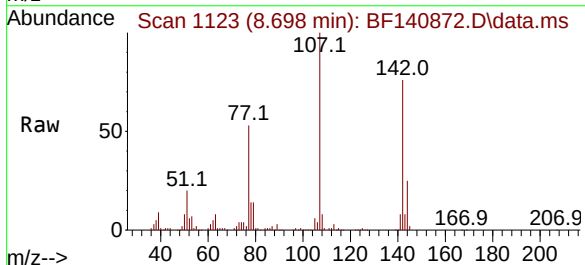
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

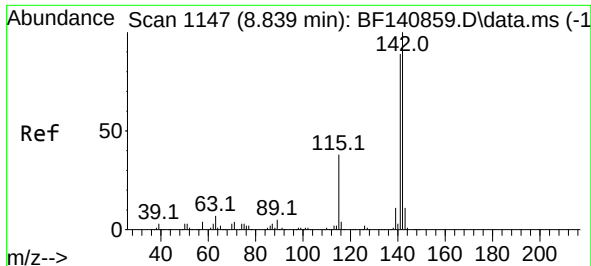
Tgt Ion:113 Resp: 55005  
 Ion Ratio Lower Upper  
 113 100  
 55 148.3 132.3 172.3  
 56 120.4 100.3 140.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.186 ng  
 RT: 8.698 min Scan# 1123  
 Delta R.T. 0.000 min  
 Lab File: BF140872.D  
 Acq: 17 Dec 2024 09:24

Tgt Ion:107 Resp: 196513  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 19.4 29.2  
 142 76.2 60.3 90.5





#37

2-Methylnaphthalene

Concen: 38.885 ng

RT: 8.840 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

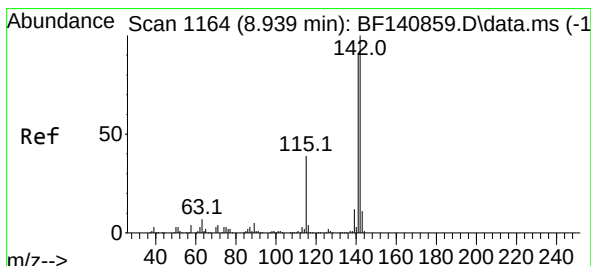
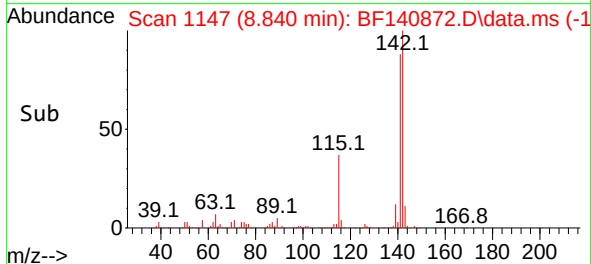
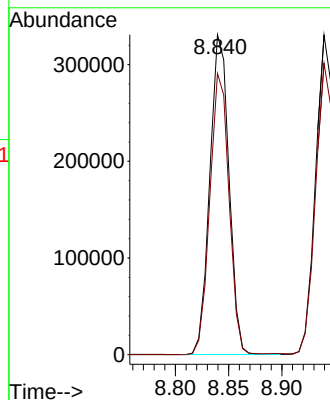
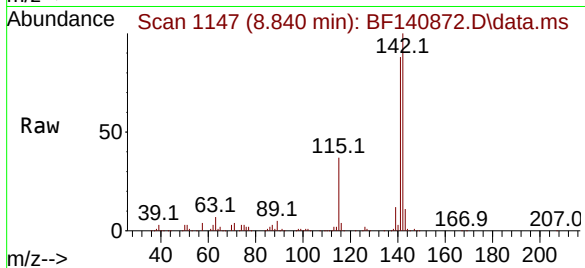
SSTDCCC040

Tgt Ion:142 Resp: 414033

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 38.753 ng

RT: 8.940 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140872.D

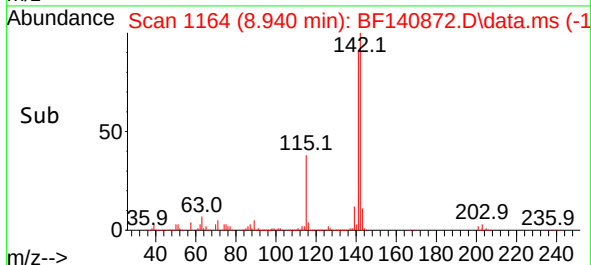
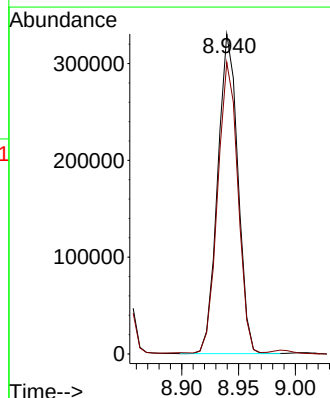
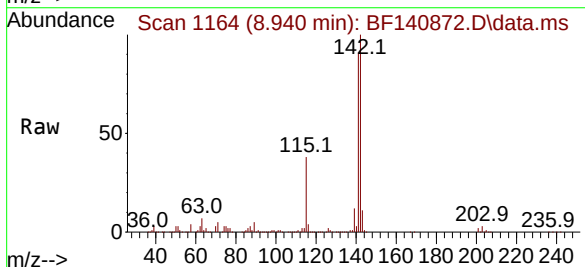
Acq: 17 Dec 2024 09:24

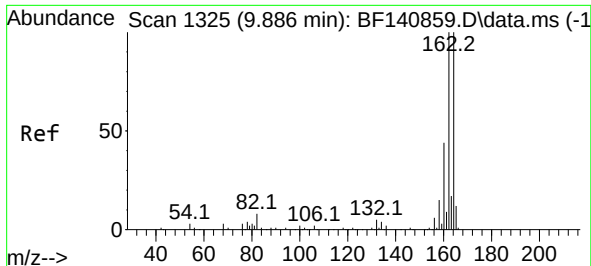
Tgt Ion:142 Resp: 408081

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

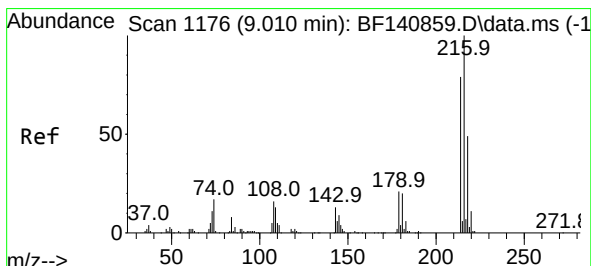
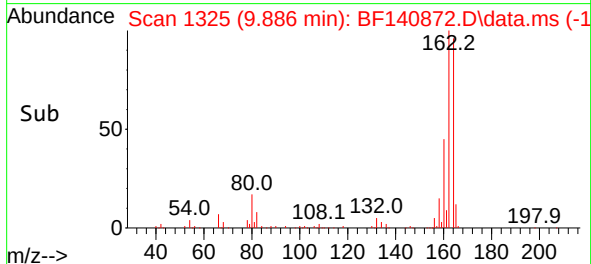
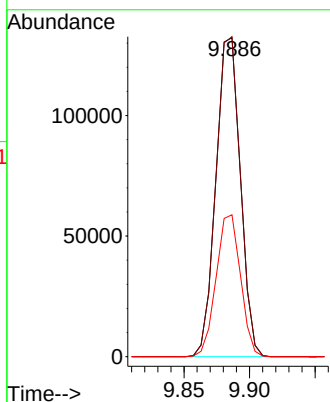
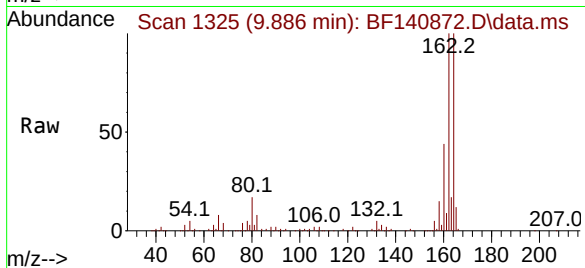
Tgt Ion:164 Resp: 171346

Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

160 44.5 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.207 ng

RT: 9.010 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion:216 Resp: 206485

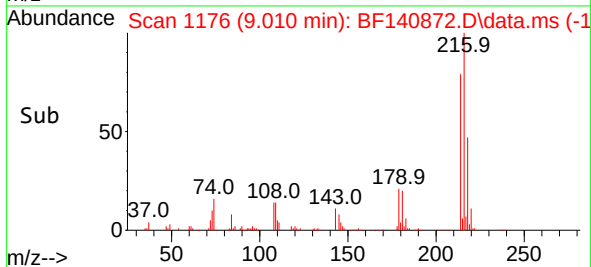
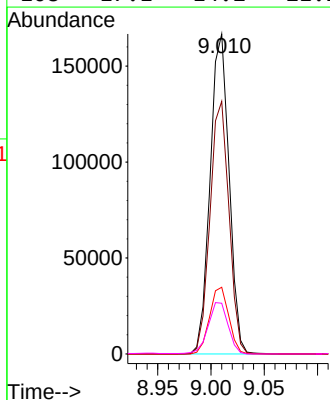
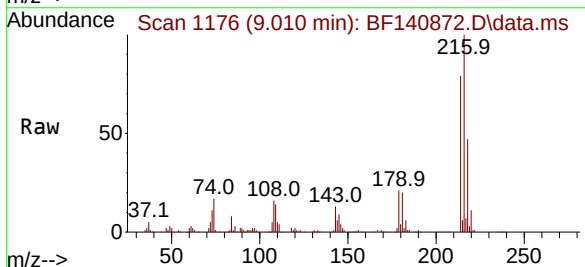
Ion Ratio Lower Upper

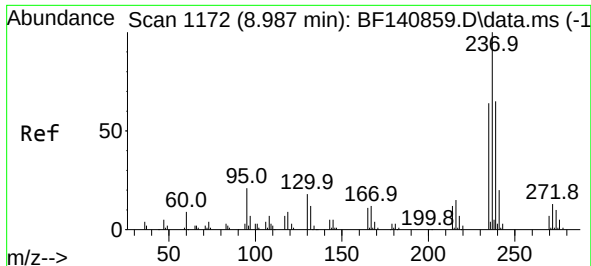
216 100

214 79.0 63.6 95.4

179 21.1 17.0 25.4

108 17.1 14.2 21.2

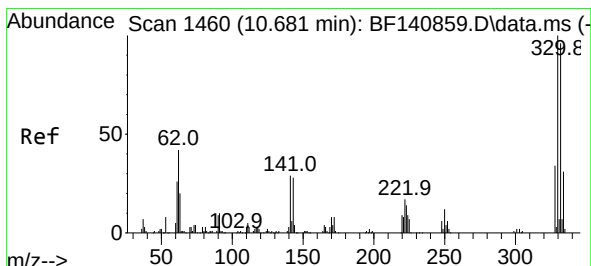
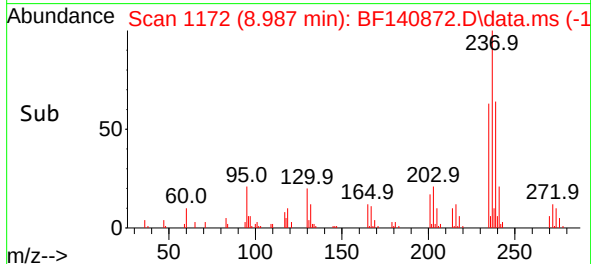
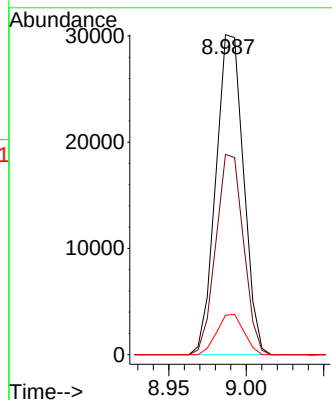
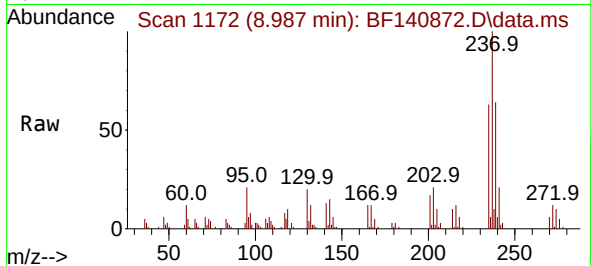




#41  
Hexachlorocyclopentadiene  
Concen: 33.129 ng  
RT: 8.987 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

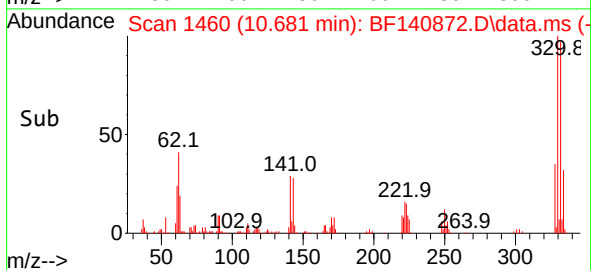
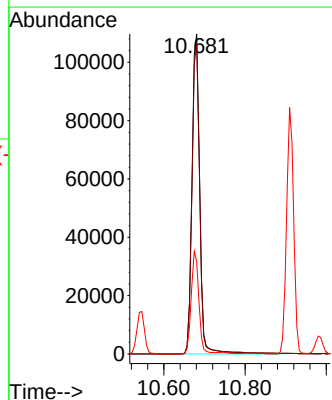
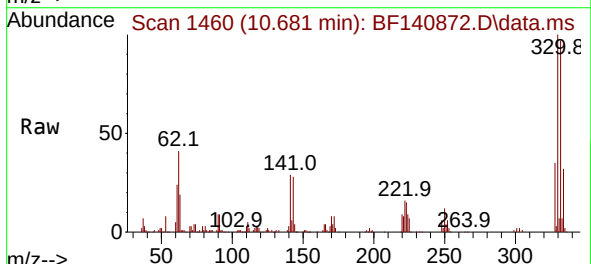
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 37471  
Ion Ratio Lower Upper  
237 100  
235 62.6 43.7 83.7  
272 12.3 0.0 32.9

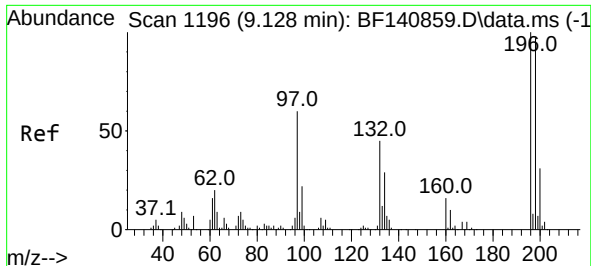


#42  
2,4,6-Tribromophenol  
Concen: 72.199 ng  
RT: 10.681 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion:330 Resp: 146313  
Ion Ratio Lower Upper  
330 100  
332 94.8 76.2 114.4  
141 31.3 24.9 37.3







#43

2,4,6-Trichlorophenol

Concen: 39.412 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

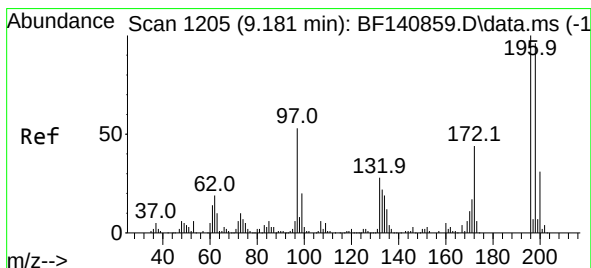
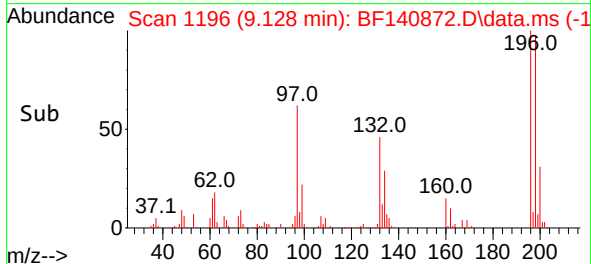
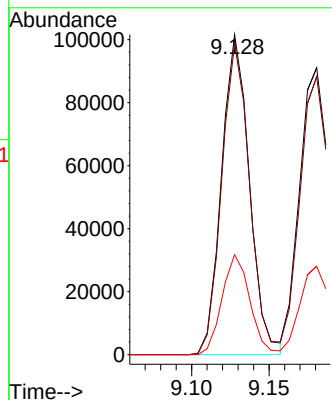
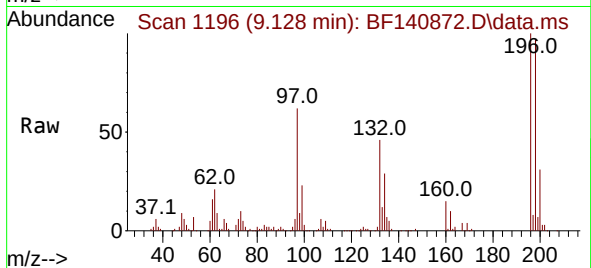
Tgt Ion:196 Resp: 127096

Ion Ratio Lower Upper

196 100

198 97.2 77.4 116.0

200 31.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 38.966 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion:196 Resp: 138117

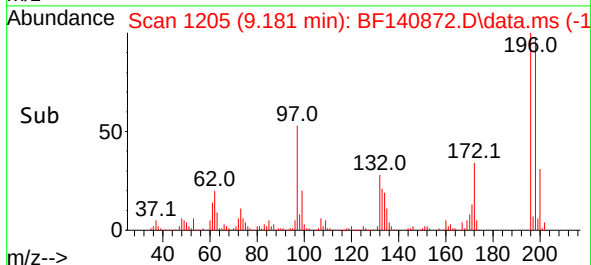
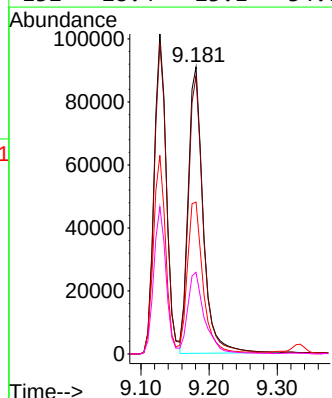
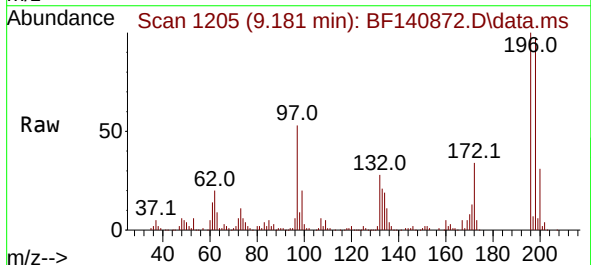
Ion Ratio Lower Upper

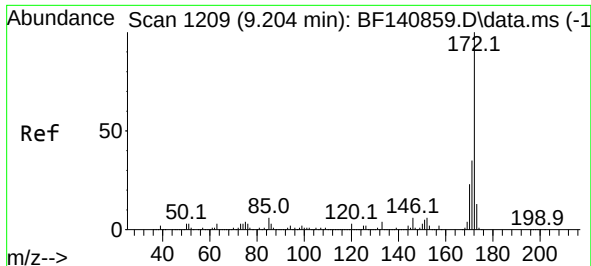
196 100

198 96.9 77.2 115.8

97 52.9 42.2 63.4

132 28.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 77.008 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

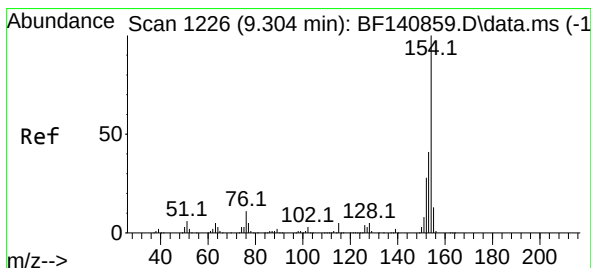
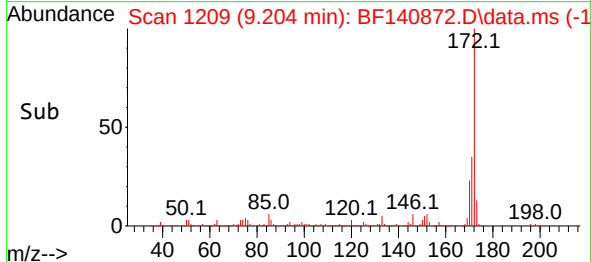
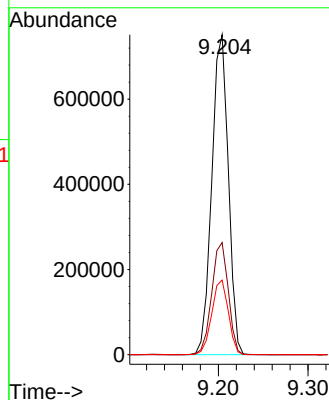
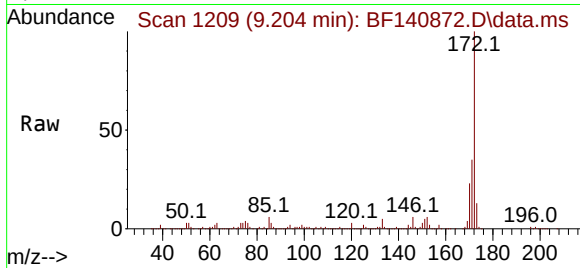
Tgt Ion:172 Resp: 959748

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.718 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

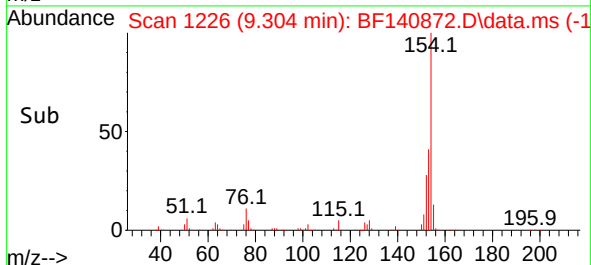
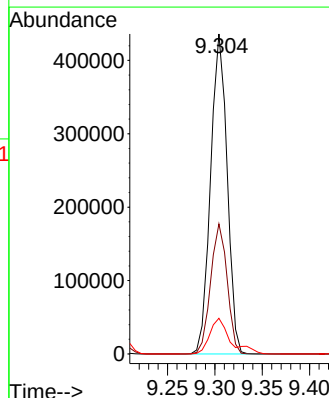
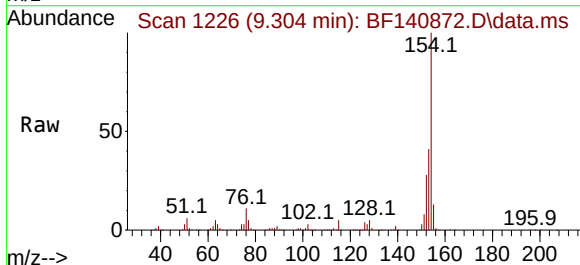
Tgt Ion:154 Resp: 527541

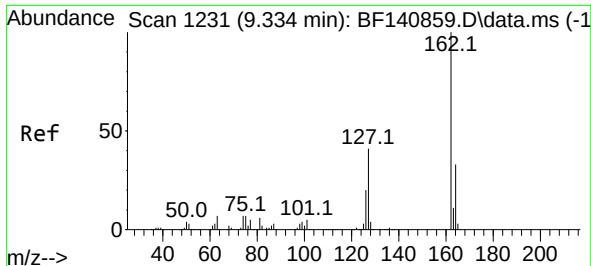
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 11.1 0.0 31.0

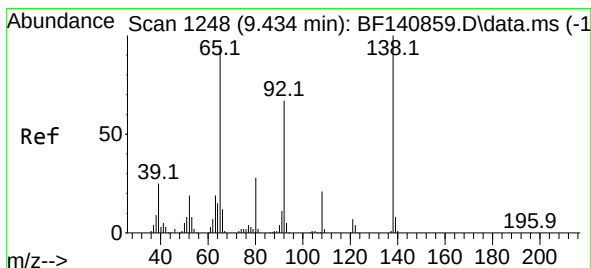
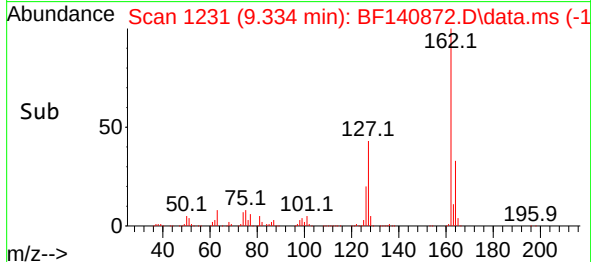
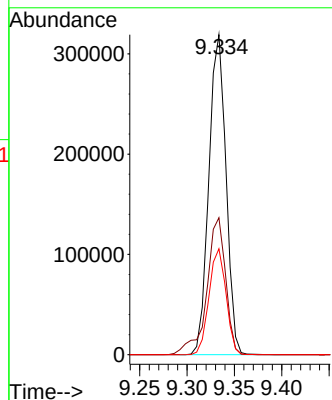
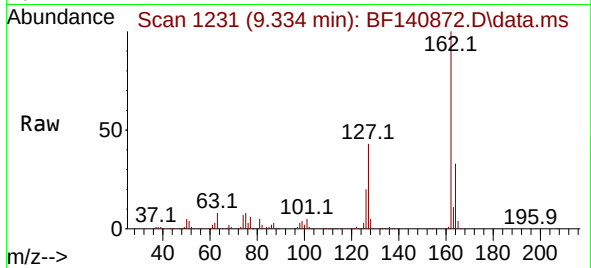




#47  
2-Chloronaphthalene  
Concen: 38.480 ng  
RT: 9.334 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

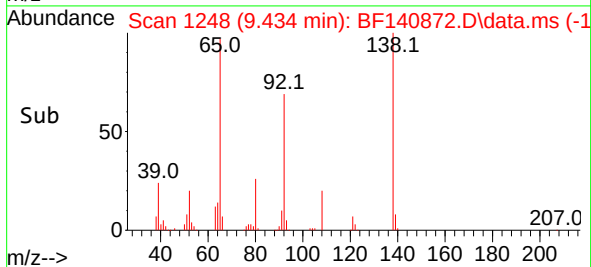
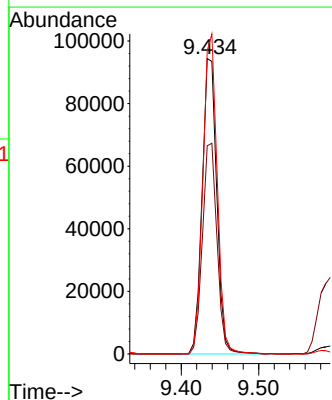
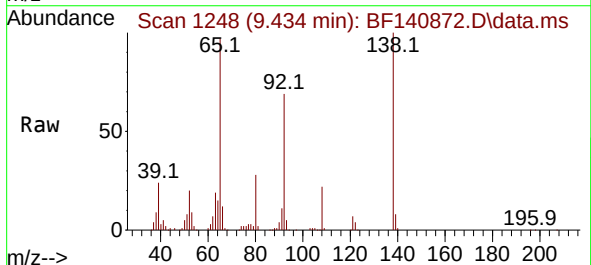
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

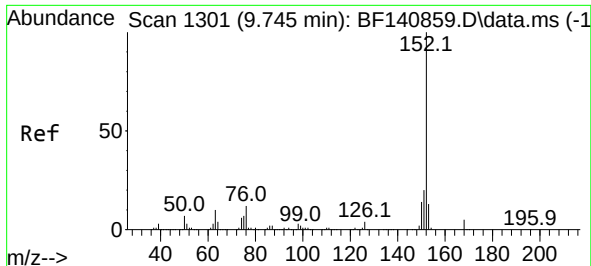
Tgt Ion:162 Resp: 401095  
Ion Ratio Lower Upper  
162 100  
127 42.8 33.5 50.3  
164 33.1 26.2 39.2



#48  
2-Nitroaniline  
Concen: 39.385 ng  
RT: 9.434 min Scan# 1248  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion: 65 Resp: 123983  
Ion Ratio Lower Upper  
65 100  
92 70.5 56.3 84.5  
138 102.7 83.8 125.6





#49

Acenaphthylene

Concen: 38.543 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

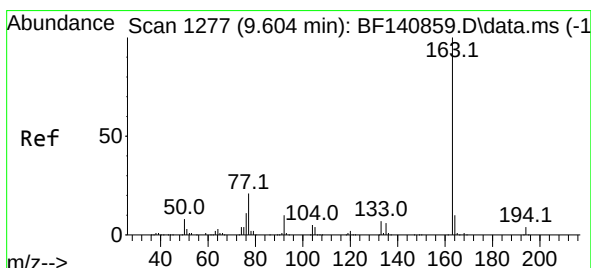
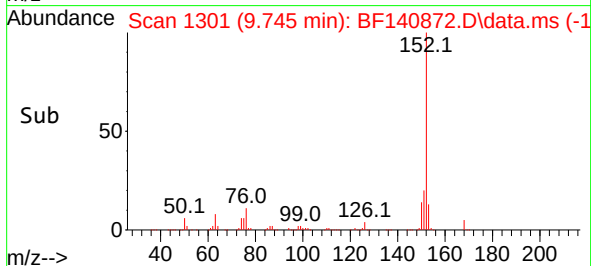
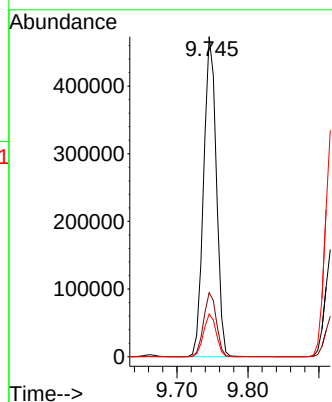
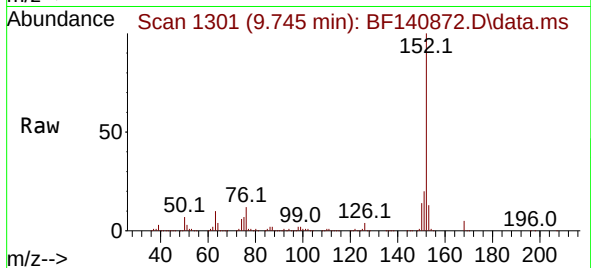
Tgt Ion:152 Resp: 590393

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 38.696 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

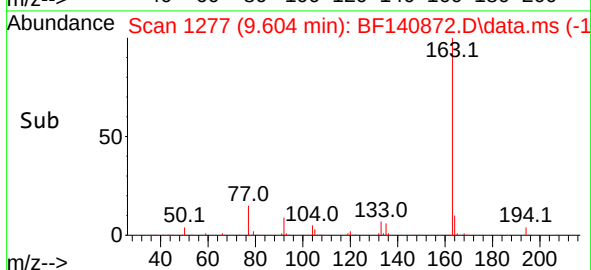
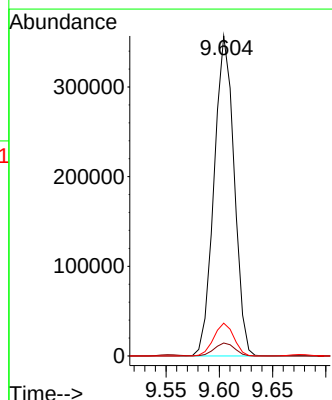
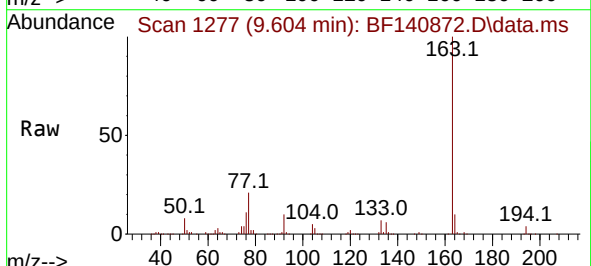
Tgt Ion:163 Resp: 467456

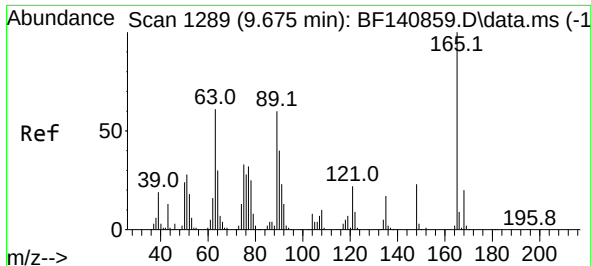
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.3 8.1 12.1

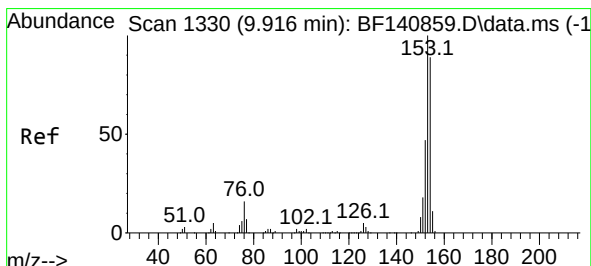
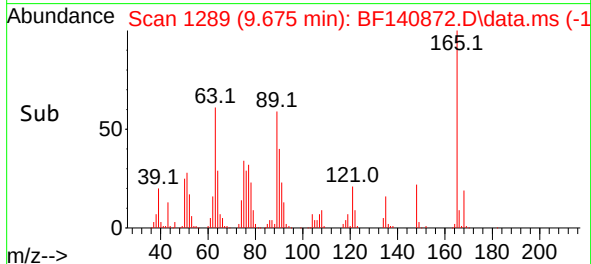
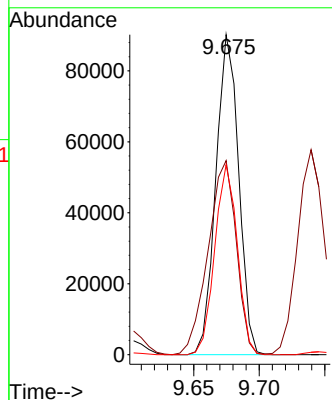
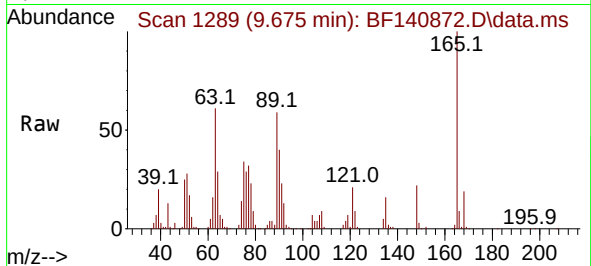




#51  
2,6-Dinitrotoluene  
Concen: 39.397 ng  
RT: 9.675 min Scan# 1289  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

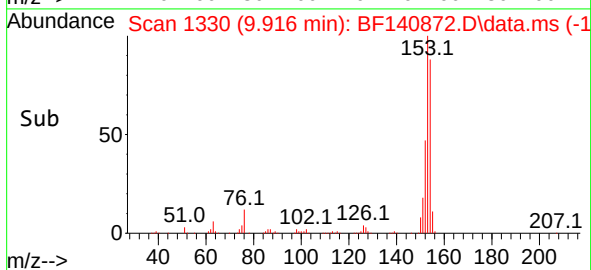
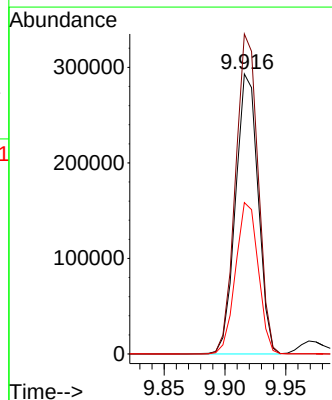
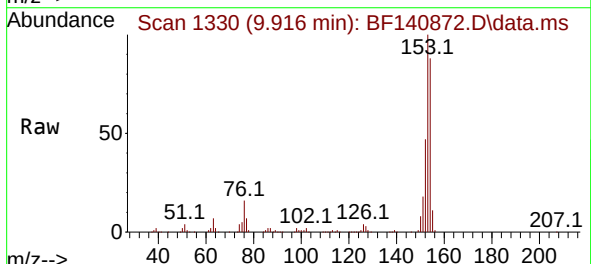
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

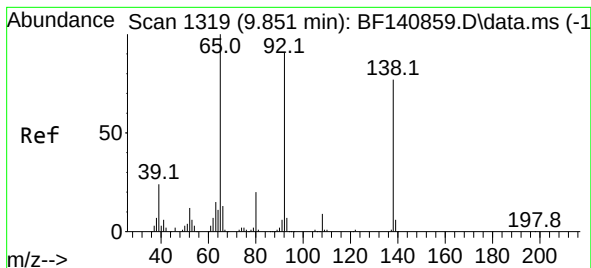
Tgt Ion:165 Resp: 108802  
Ion Ratio Lower Upper  
165 100  
63 60.6 49.7 74.5  
89 59.4 48.2 72.4



#52  
Acenaphthene  
Concen: 38.522 ng  
RT: 9.916 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion:154 Resp: 376933  
Ion Ratio Lower Upper  
154 100  
153 114.3 89.9 134.9  
152 54.1 42.6 63.8





#53

3-Nitroaniline

Concen: 39.699 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

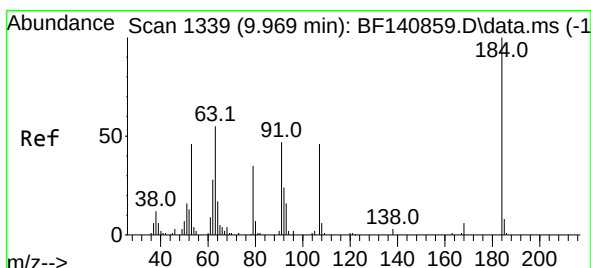
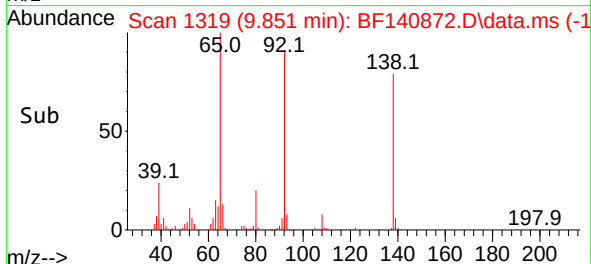
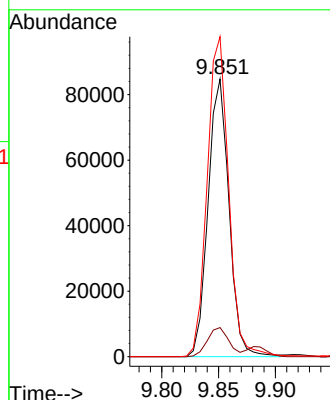
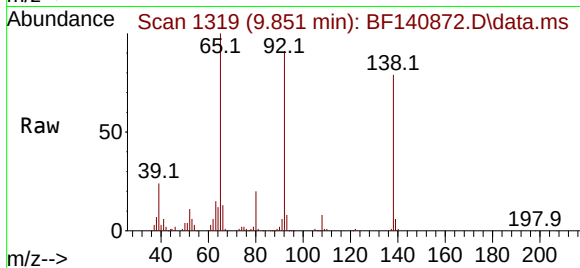
Tgt Ion:138 Resp: 108802

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.4

92 115.2 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 31.895 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

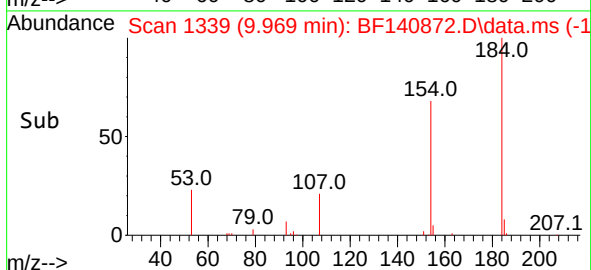
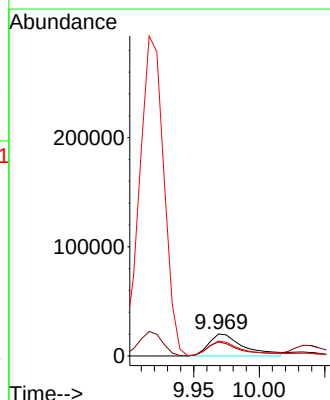
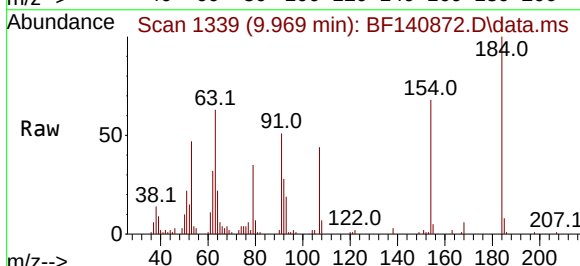
Tgt Ion:184 Resp: 37206

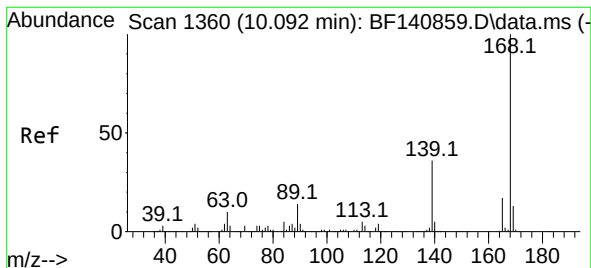
Ion Ratio Lower Upper

184 100

63 63.4 51.6 77.4

154 67.7 56.1 84.1





#55

Dibenzofuran

Concen: 37.501 ng

RT: 10.092 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

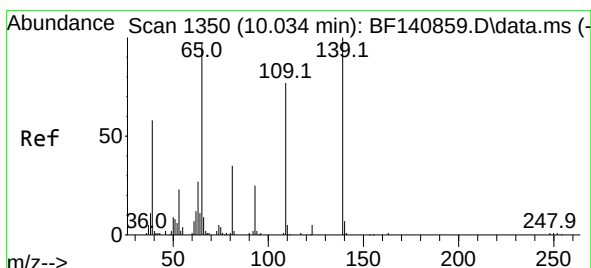
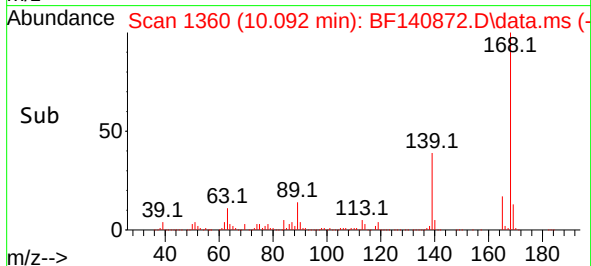
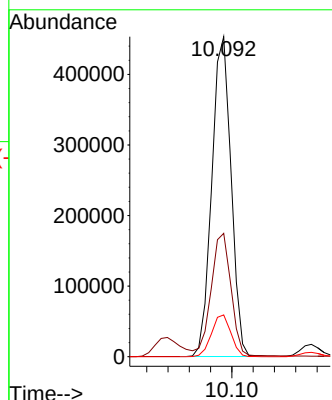
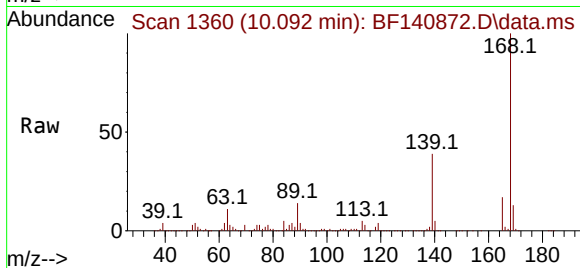
Tgt Ion:168 Resp: 568600

Ion Ratio Lower Upper

168 100

139 38.5 31.1 46.7

169 13.1 10.6 16.0



#56

4-Nitrophenol

Concen: 34.044 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.005 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

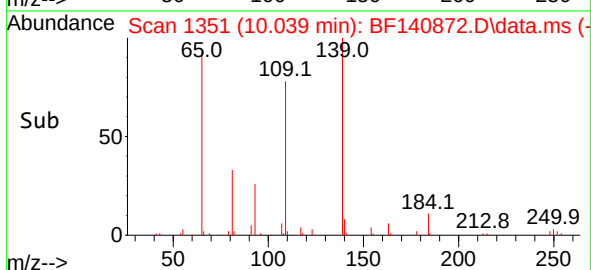
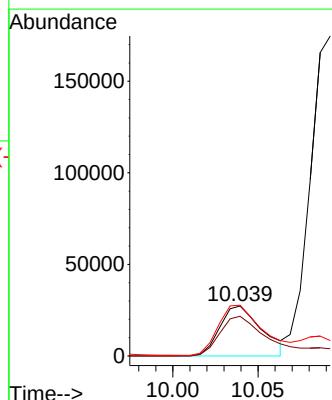
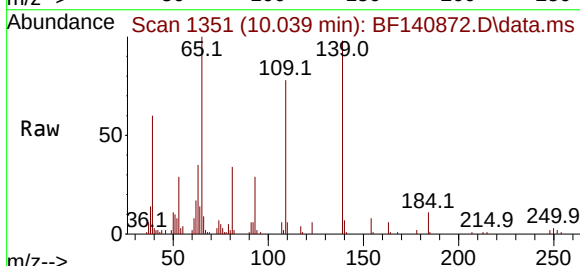
Tgt Ion:139 Resp: 46205

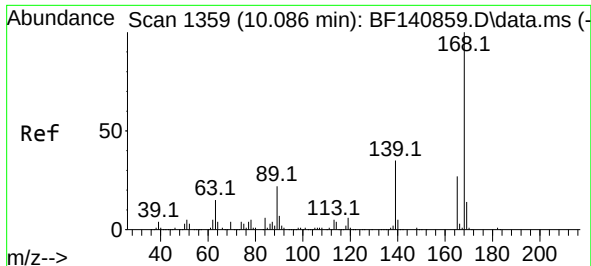
Ion Ratio Lower Upper

139 100

109 79.4 56.7 96.7

65 101.7 78.1 118.1

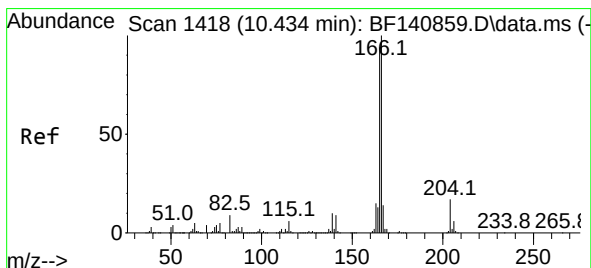
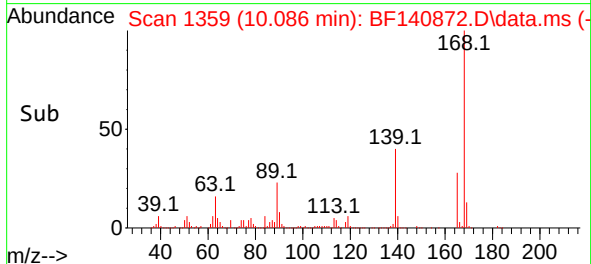
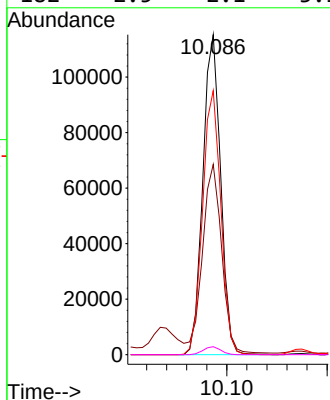
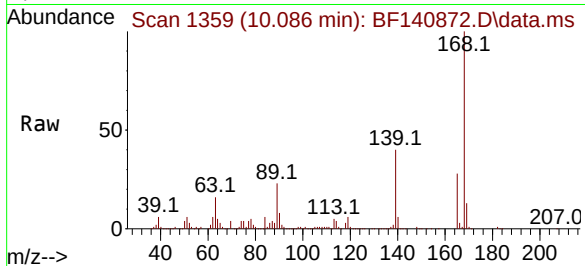




#57  
2,4-Dinitrotoluene  
Concen: 39.120 ng  
RT: 10.086 min Scan# 1359  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

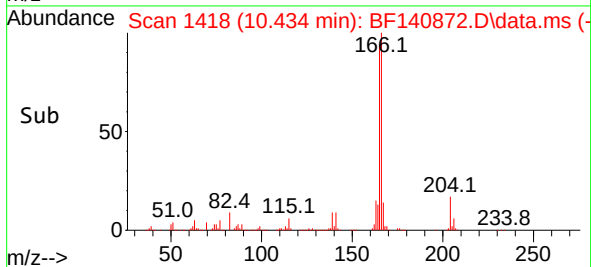
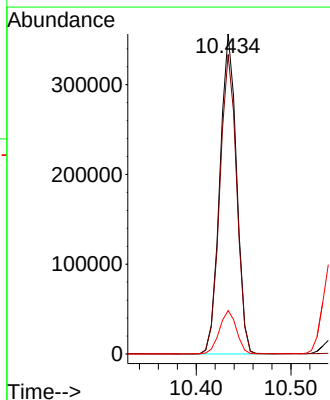
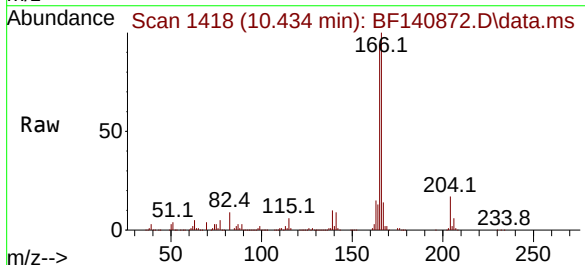
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 142147  
Ion Ratio Lower Upper  
165 100  
63 59.4 49.3 73.9  
89 82.5 66.2 99.4  
182 2.5 2.1 3.1

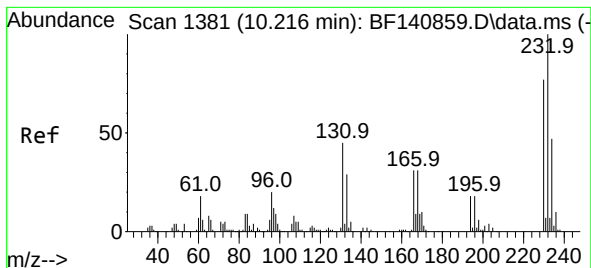


#58  
Fluorene  
Concen: 35.016 ng  
RT: 10.434 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion:166 Resp: 438004  
Ion Ratio Lower Upper  
166 100  
165 93.6 75.1 112.7  
167 13.6 11.1 16.7



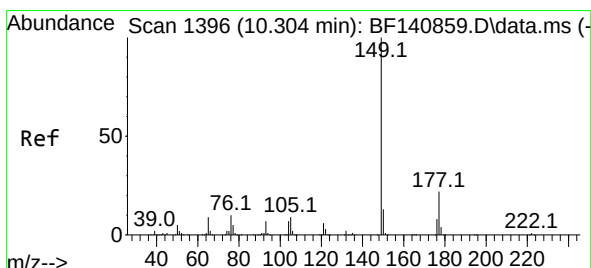
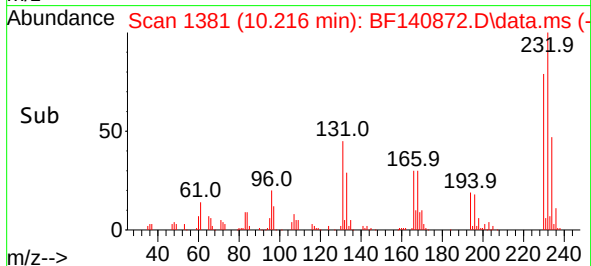
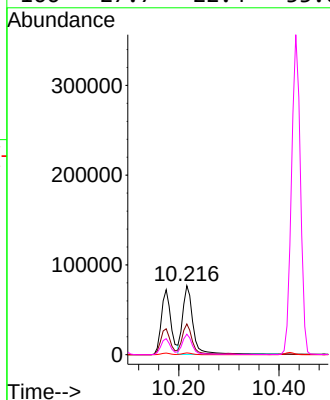
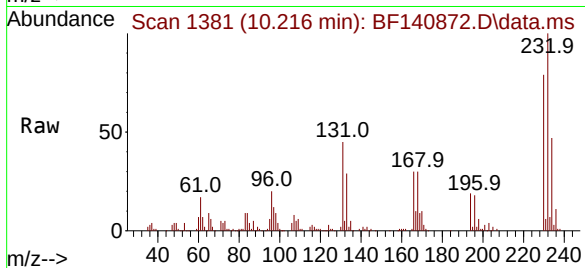




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.183 ng  
RT: 10.216 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

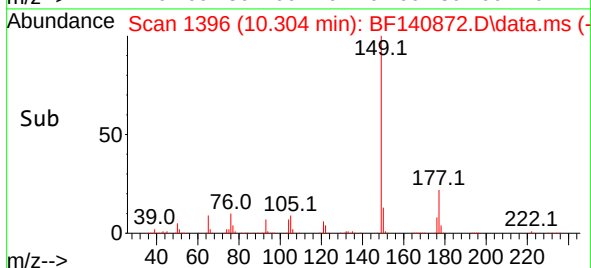
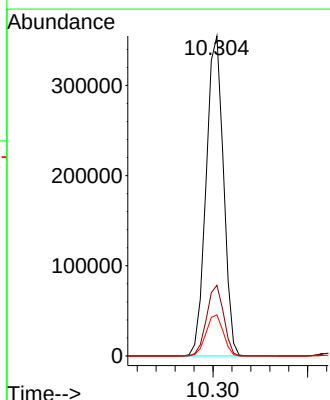
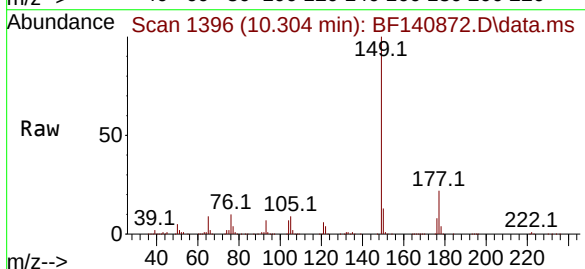
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

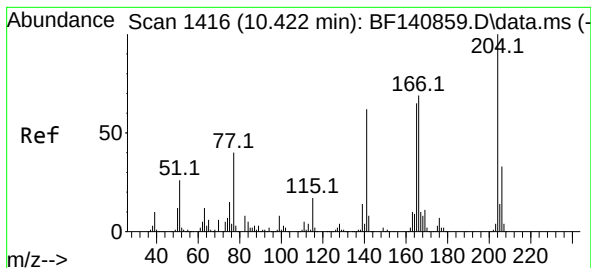
Tgt Ion:232 Resp: 110282  
Ion Ratio Lower Upper  
232 100  
131 43.9 35.1 52.7  
130 2.4 1.8 2.8  
166 27.7 22.4 33.6



#60  
Diethylphthalate  
Concen: 35.911 ng  
RT: 10.304 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion:149 Resp: 449852  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.2 25.8  
150 12.8 10.1 15.1

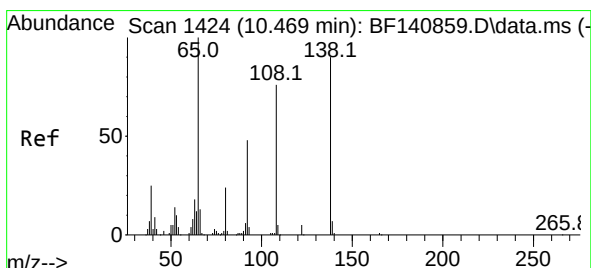
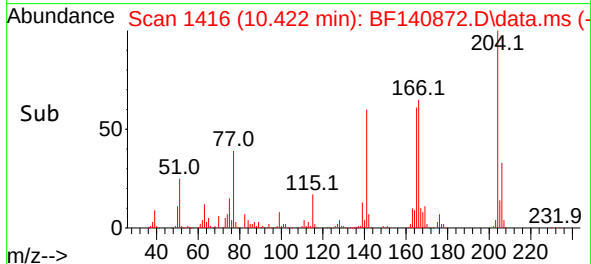
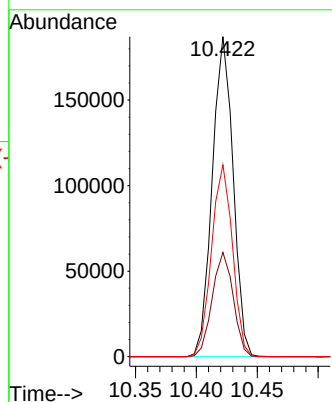
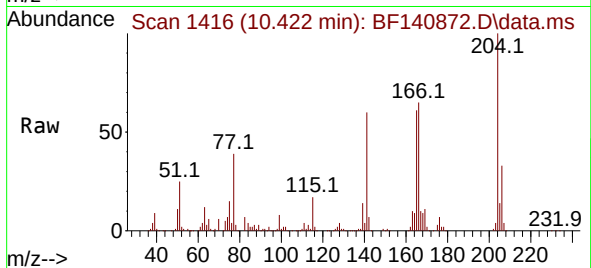




#61  
4-Chlorophenyl-phenylether  
Concen: 35.468 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

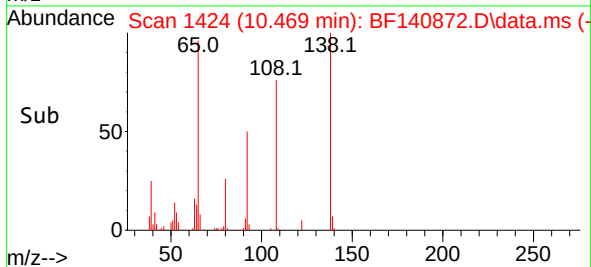
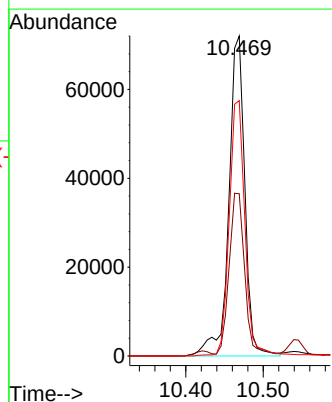
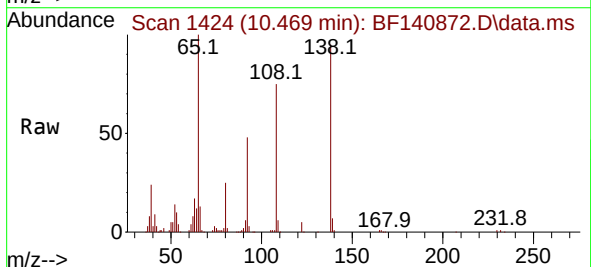
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

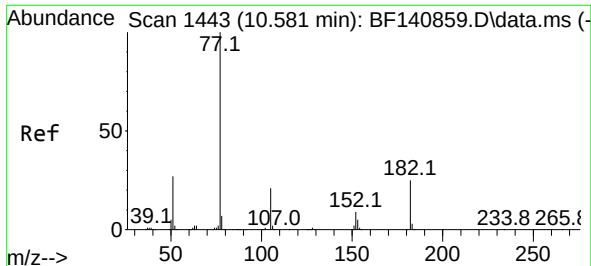
Tgt Ion:204 Resp: 222856  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.5 39.7  
141 60.0 50.0 75.0



#62  
4-Nitroaniline  
Concen: 36.184 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion:138 Resp: 103630  
Ion Ratio Lower Upper  
138 100  
92 50.7 32.6 72.6  
108 79.8 64.1 104.1

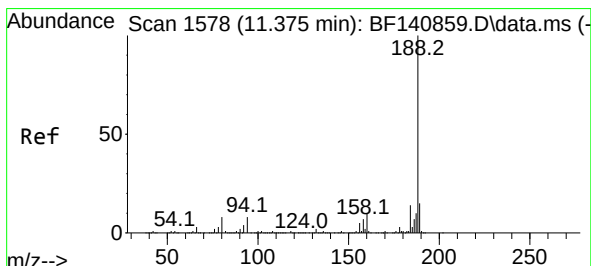
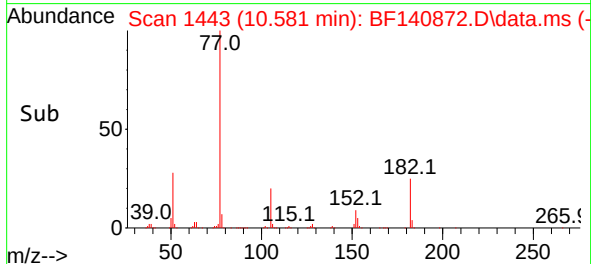
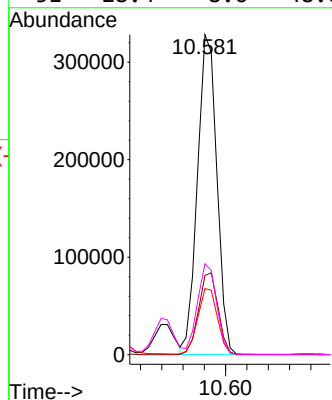
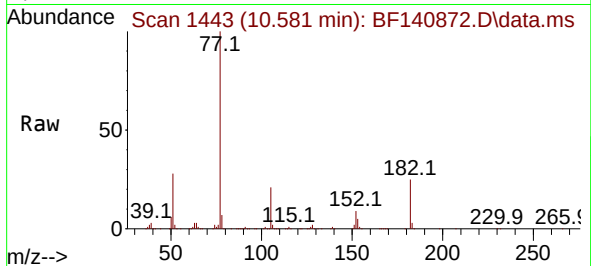




#63  
Azobenzene  
Concen: 35.327 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

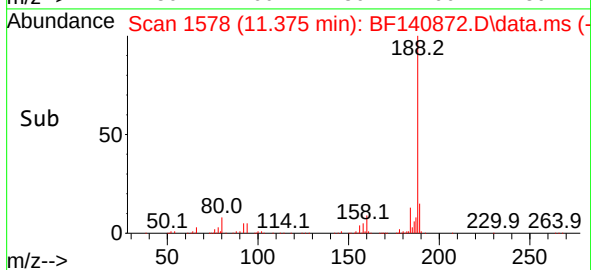
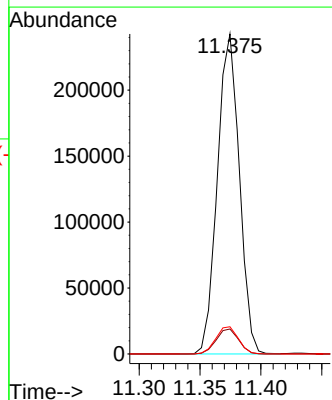
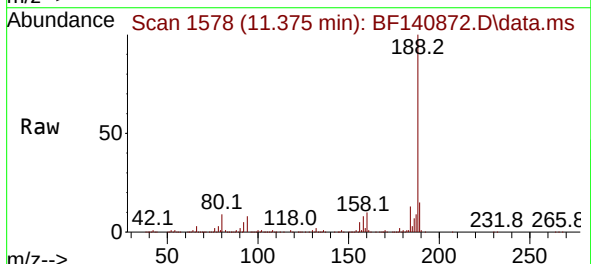
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

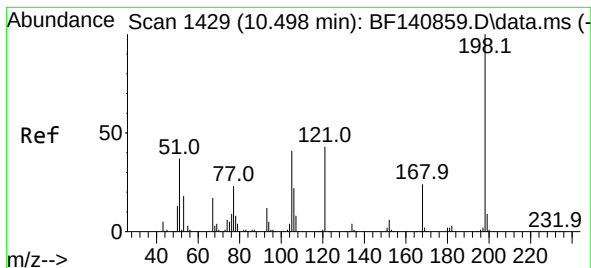
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 416040 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 24.7    | 4.5 44.5     |
| 105 20.7    | 0.9 40.9     |
| 51 28.4     | 8.6 48.6     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 305119 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 7.8       | 6.4 9.6      |
| 80 8.5       | 6.8 10.2     |

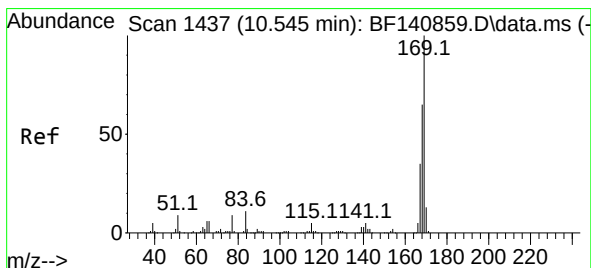
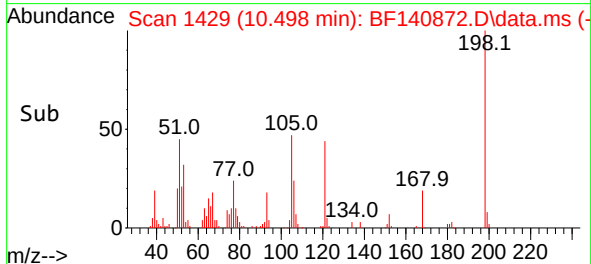
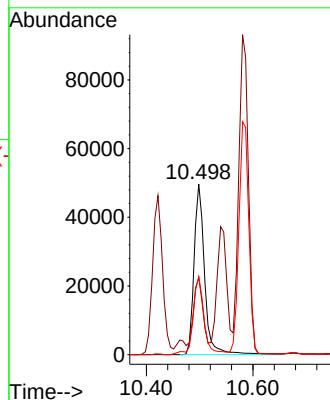
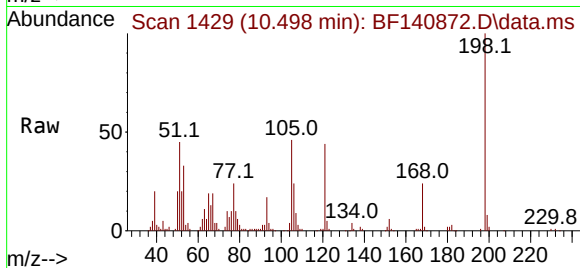




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.884 ng  
RT: 10.498 min Scan# 1429  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

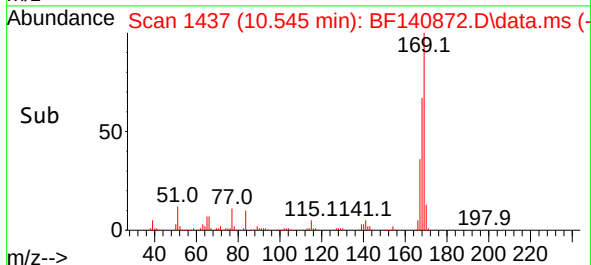
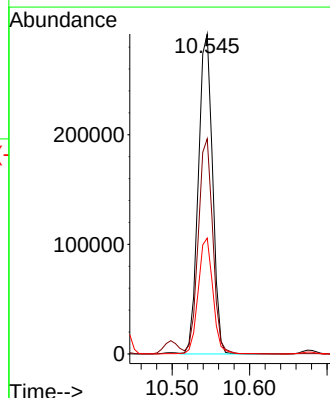
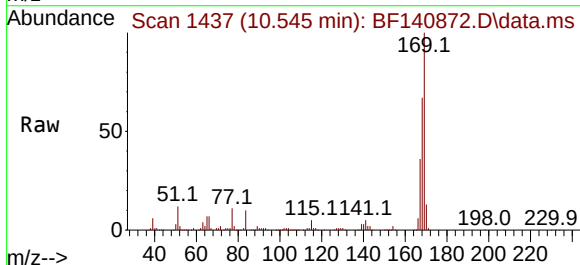
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

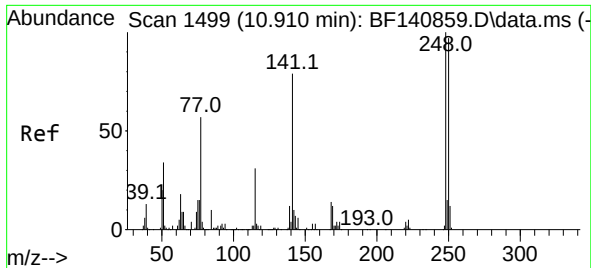
Tgt Ion:198 Resp: 68959  
Ion Ratio Lower Upper  
198 100  
51 45.1 24.4 64.4  
105 45.8 22.1 62.1



#66  
n-Nitrosodiphenylamine  
Concen: 39.625 ng  
RT: 10.545 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion:169 Resp: 371719  
Ion Ratio Lower Upper  
169 100  
168 67.2 53.4 80.0  
167 36.2 28.3 42.5

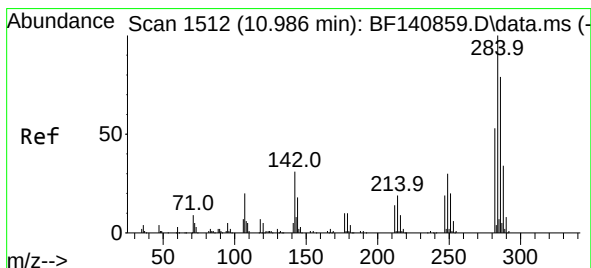
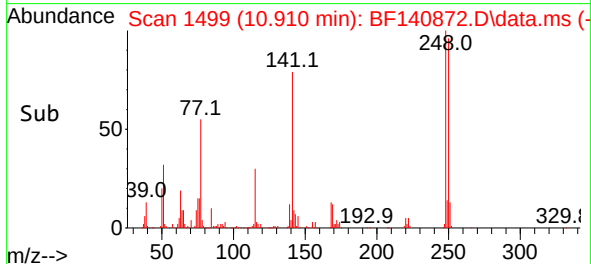
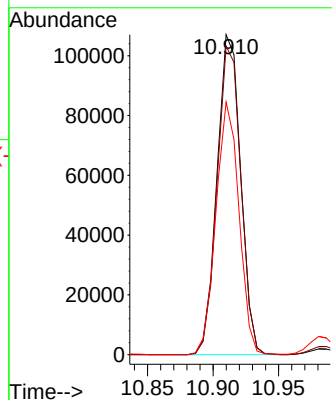
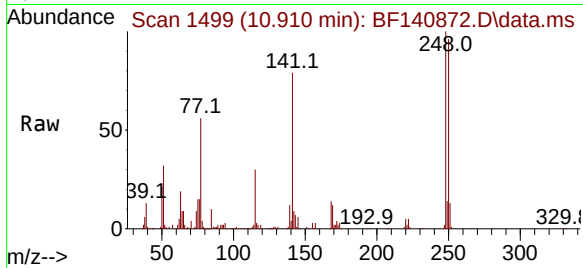




#67  
4-Bromophenyl-phenylether  
Concen: 39.343 ng  
RT: 10.910 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

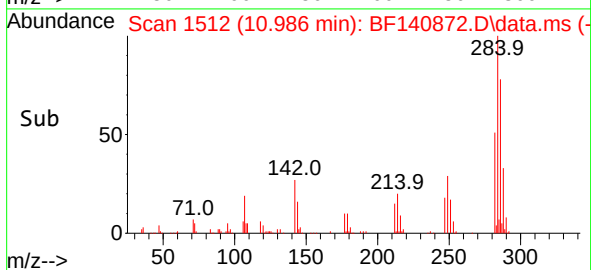
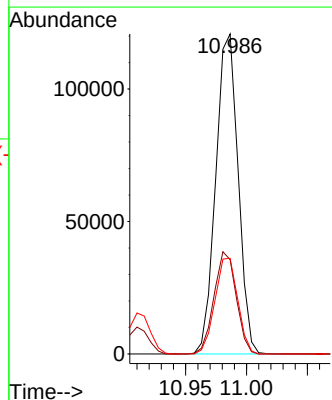
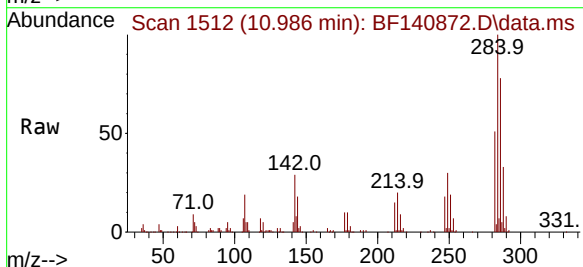
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

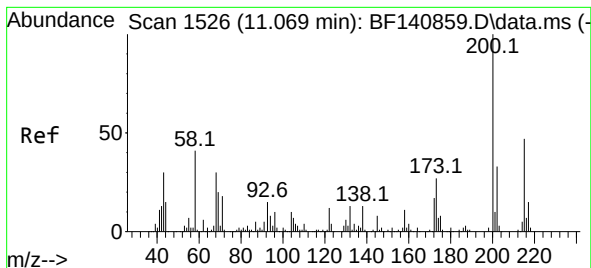
Tgt Ion:248 Resp: 134296  
Ion Ratio Lower Upper  
248 100  
250 96.5 77.4 116.2  
141 78.9 62.9 94.3



#68  
Hexachlorobenzene  
Concen: 39.860 ng  
RT: 10.986 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion:284 Resp: 154263  
Ion Ratio Lower Upper  
284 100  
142 29.4 24.6 36.8  
249 29.9 24.3 36.5





#69

Atrazine

Concen: 38.739 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

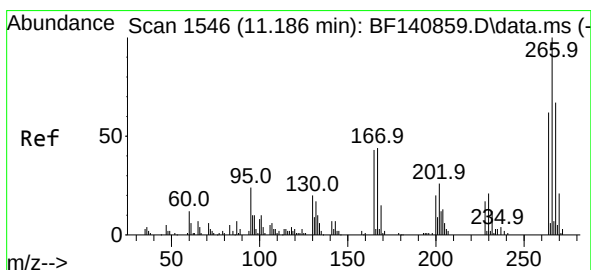
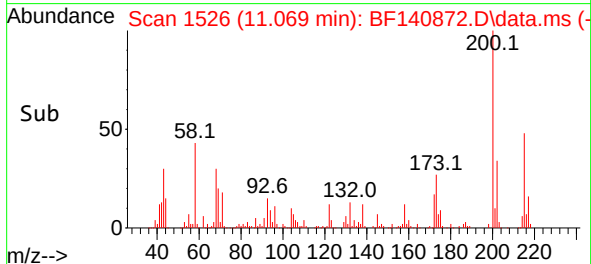
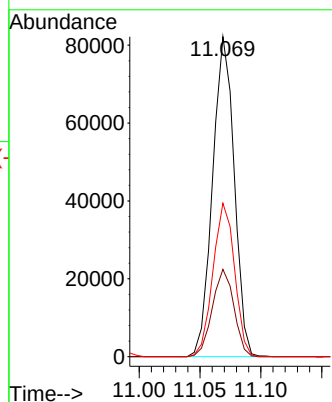
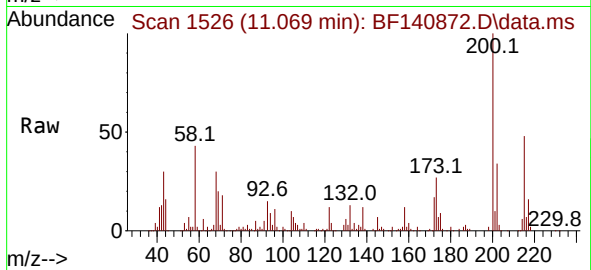
Tgt Ion:200 Resp: 101496

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

215 48.0 26.7 66.7



#70

Pentachlorophenol

Concen: 36.883 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

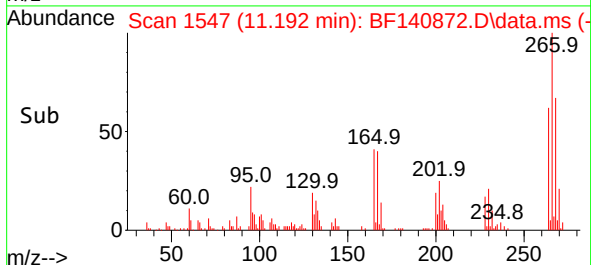
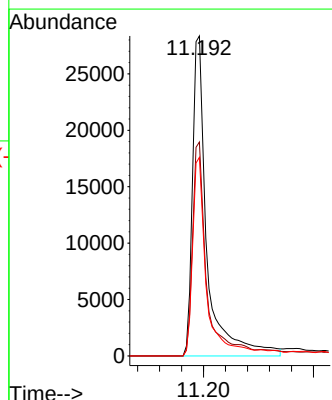
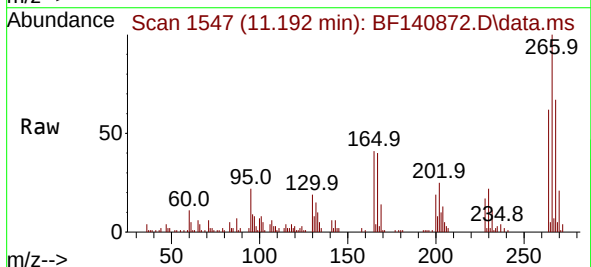
Tgt Ion:266 Resp: 52188

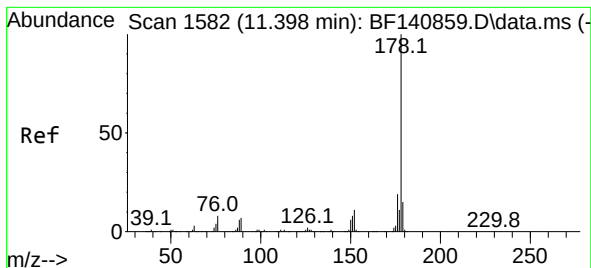
Ion Ratio Lower Upper

266 100

268 66.8 54.0 81.0

264 62.1 49.4 74.2





#71

Phenanthrene

Concen: 38.619 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

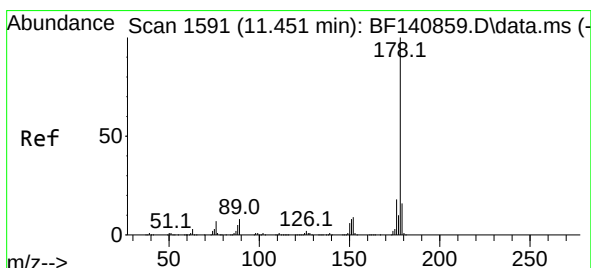
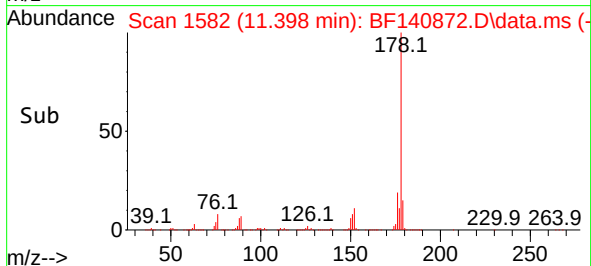
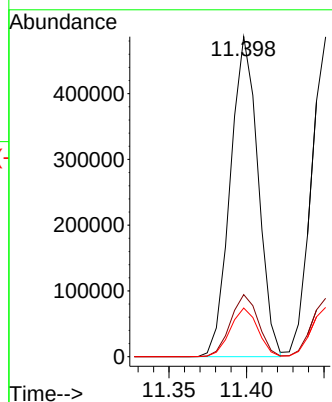
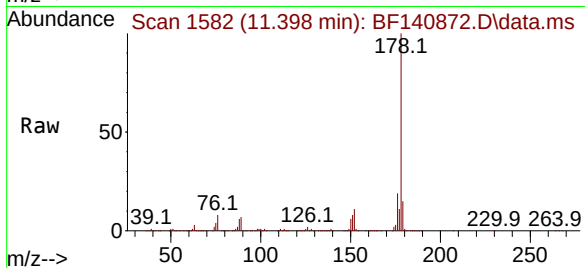
Tgt Ion:178 Resp: 605957

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.2 12.1 18.1



#72

Anthracene

Concen: 38.955 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

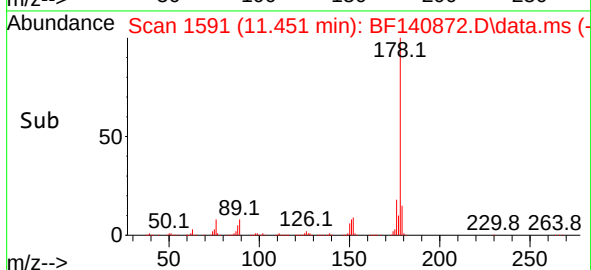
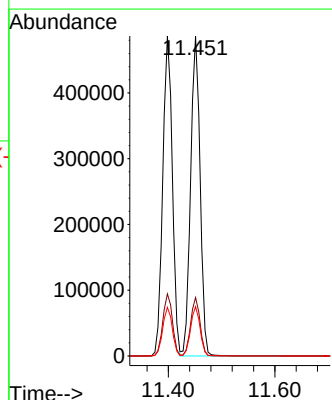
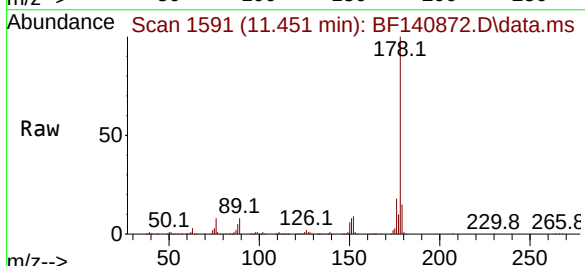
Tgt Ion:178 Resp: 601930

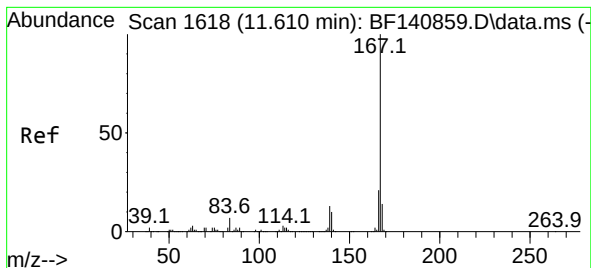
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 15.4 12.6 18.8





#73

Carbazole

Concen: 37.753 ng

RT: 11.610 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

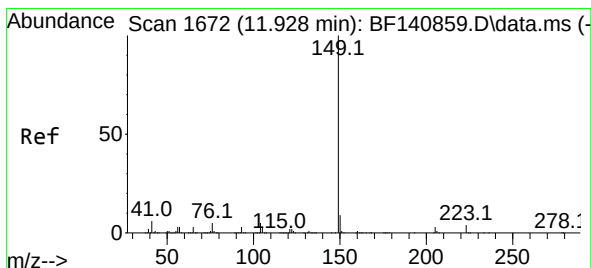
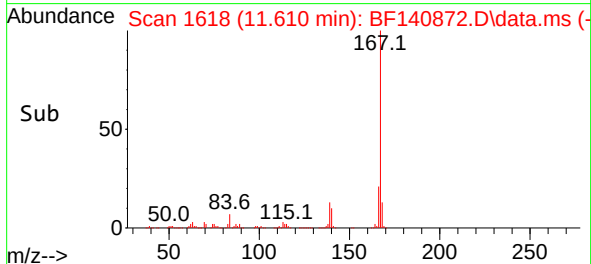
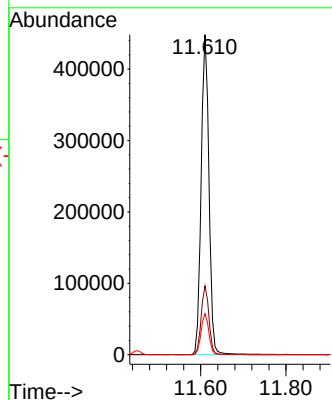
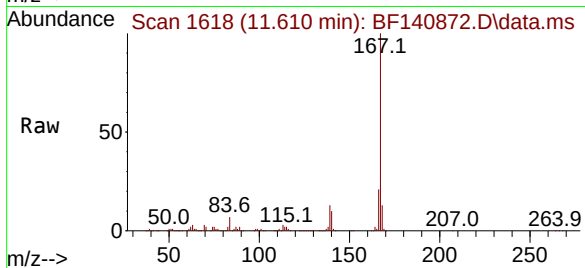
Tgt Ion:167 Resp: 571386

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 12.8 10.2 15.2



#74

Di-n-butylphthalate

Concen: 39.349 ng

RT: 11.928 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

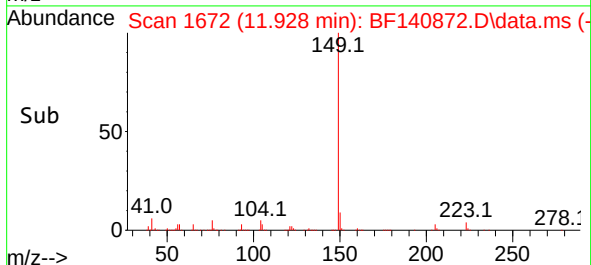
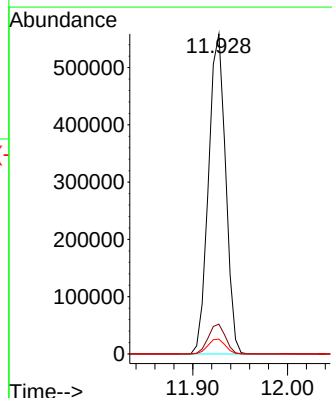
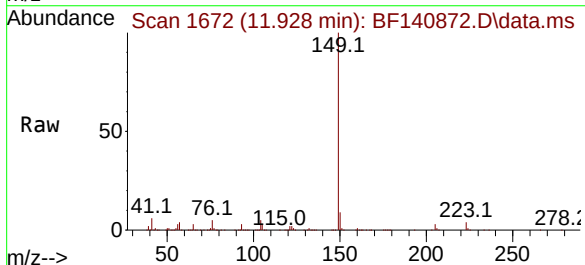
Tgt Ion:149 Resp: 698939

Ion Ratio Lower Upper

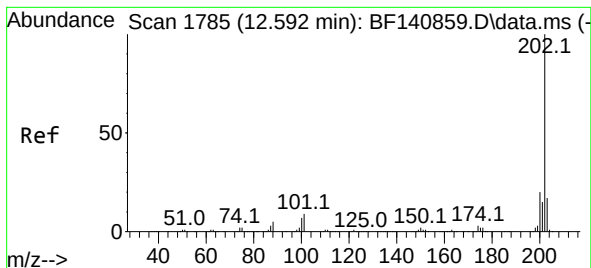
149 100

150 9.3 7.5 11.3

104 4.7 3.8 5.8







#75

Fluoranthene

Concen: 37.448 ng

RT: 12.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

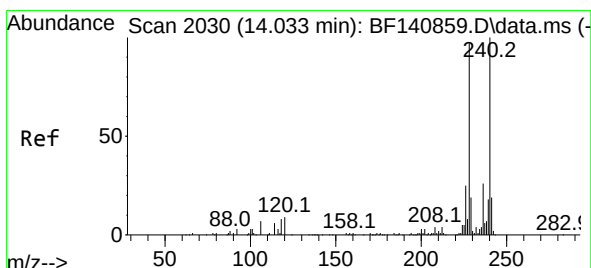
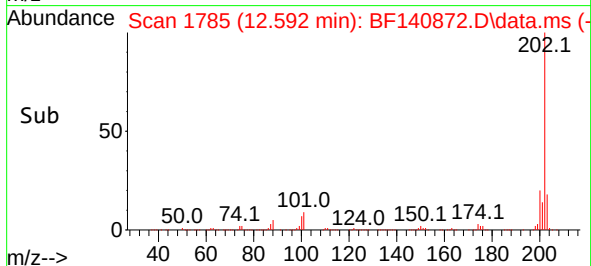
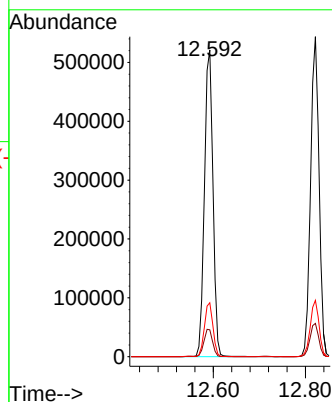
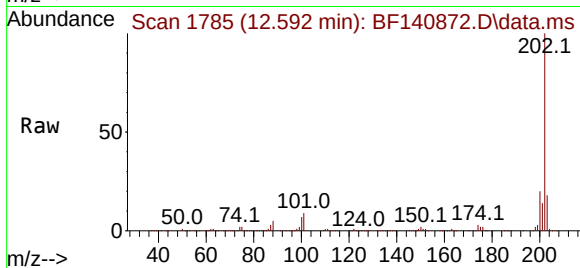
Tgt Ion:202 Resp: 676693

Ion Ratio Lower Upper

202 100

101 8.8 0.0 29.3

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

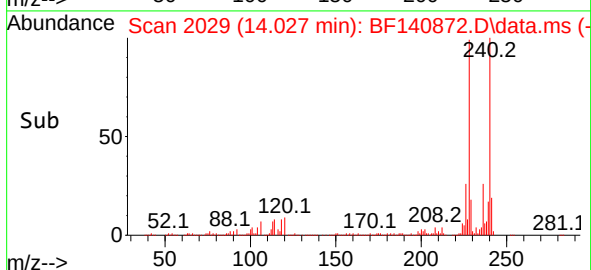
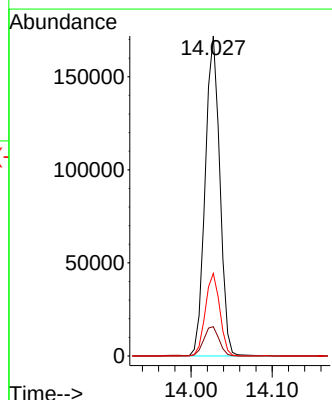
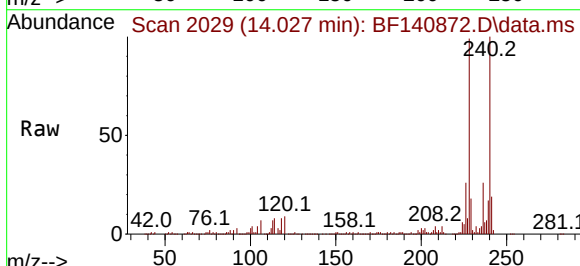
Tgt Ion:240 Resp: 214494

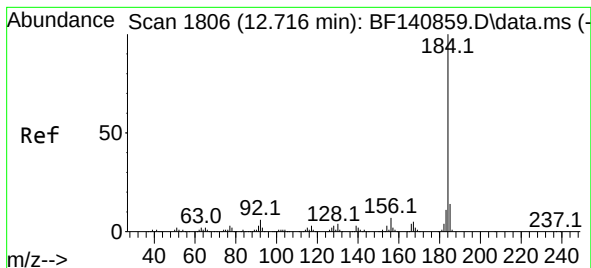
Ion Ratio Lower Upper

240 100

120 9.2 7.6 11.4

236 25.8 20.5 30.7





#77

Benzidine

Concen: 37.705 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

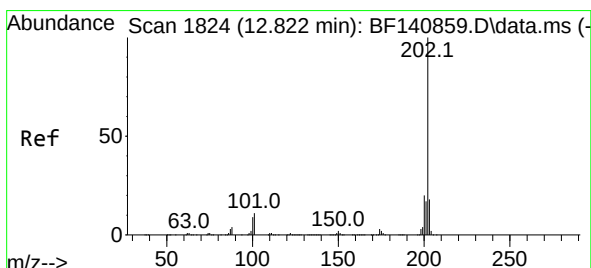
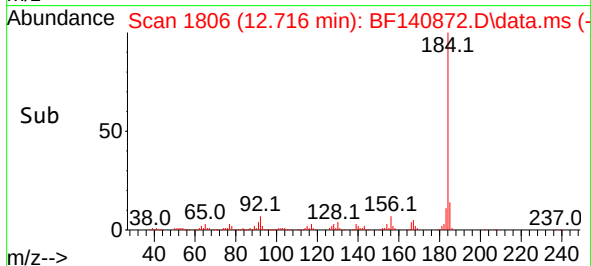
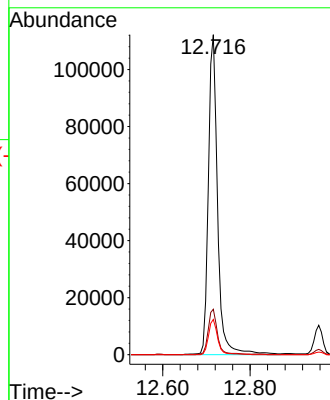
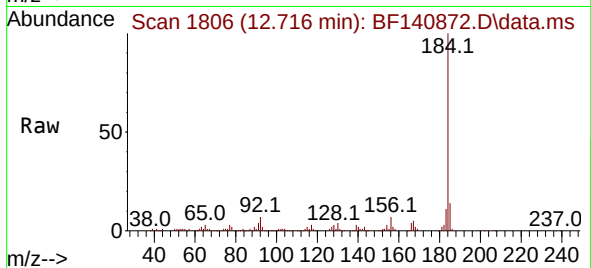
Tgt Ion:184 Resp: 165063

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 11.0 9.0 13.4



#78

Pyrene

Concen: 36.348 ng

RT: 12.822 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

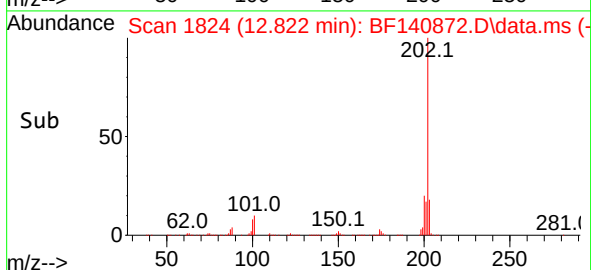
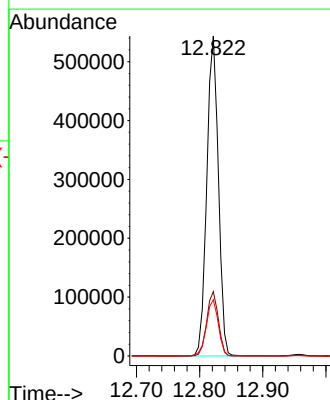
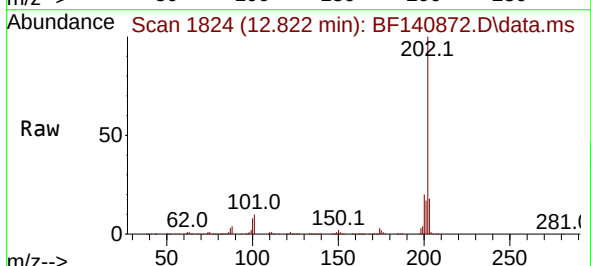
Tgt Ion:202 Resp: 693296

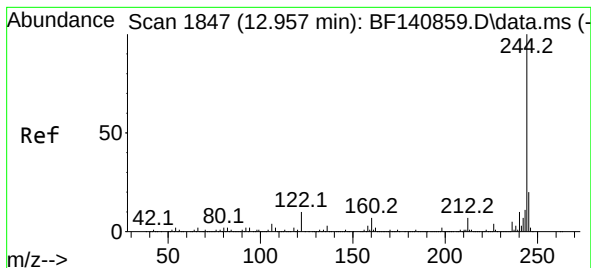
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 73.570 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

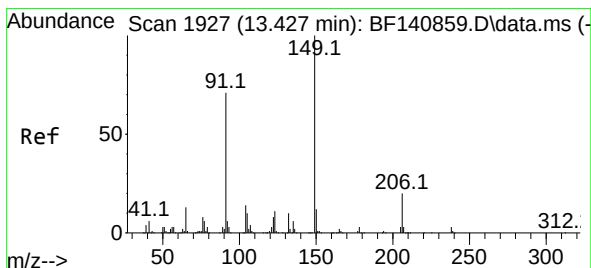
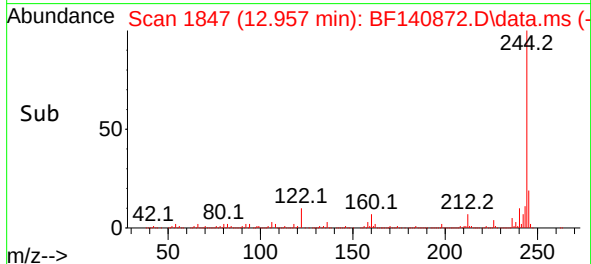
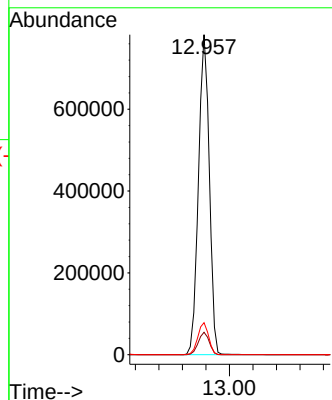
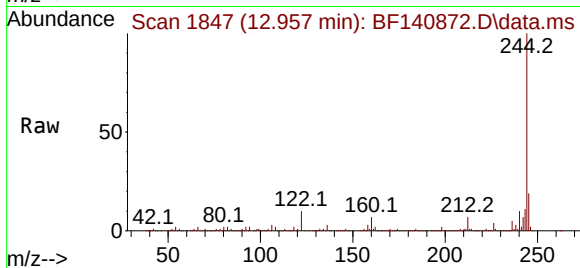
Tgt Ion:244 Resp: 1000739

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.0 8.2 12.2



#80

Butylbenzylphthalate

Concen: 39.801 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

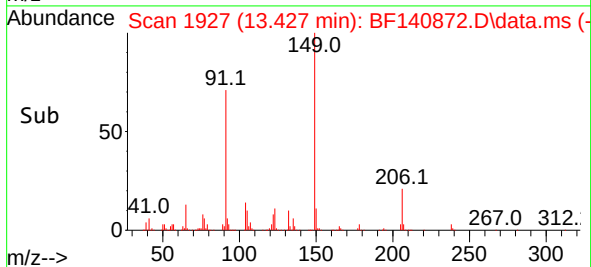
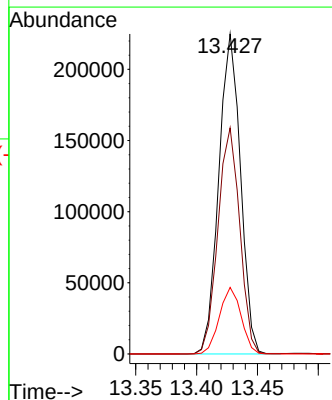
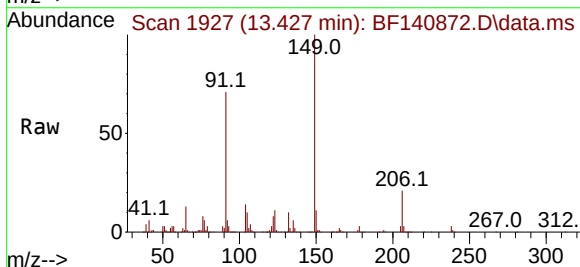
Tgt Ion:149 Resp: 279336

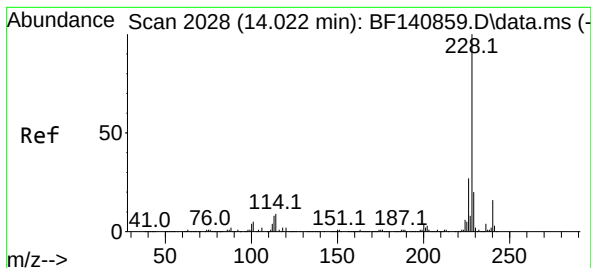
Ion Ratio Lower Upper

149 100

91 70.7 56.7 85.1

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.444 ng

RT: 14.016 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

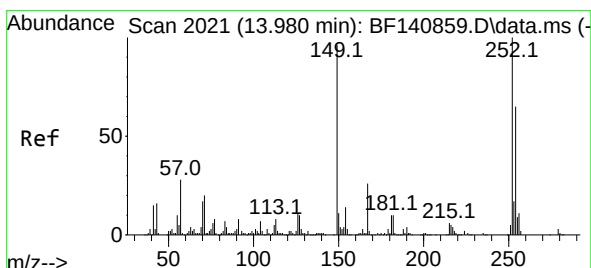
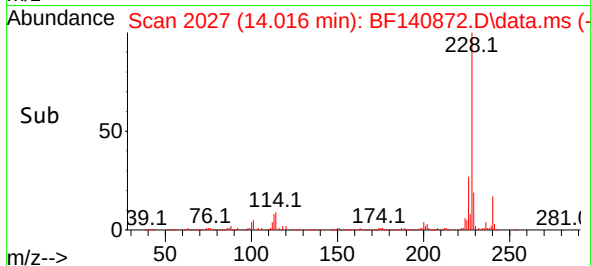
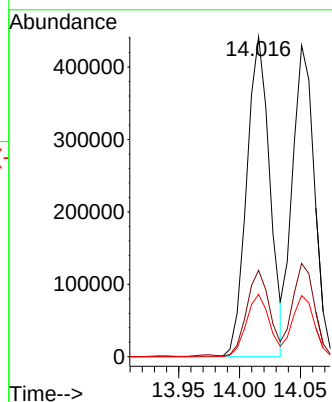
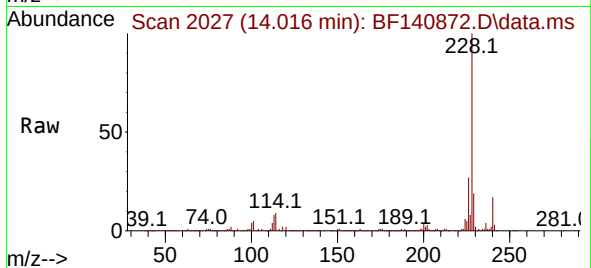
Tgt Ion:228 Resp: 584415

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 39.088 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

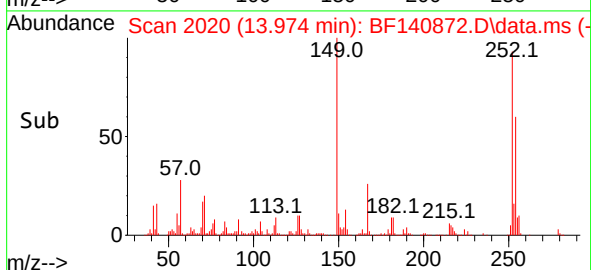
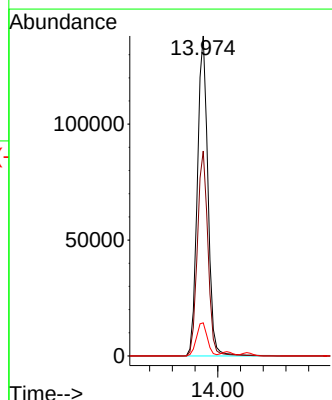
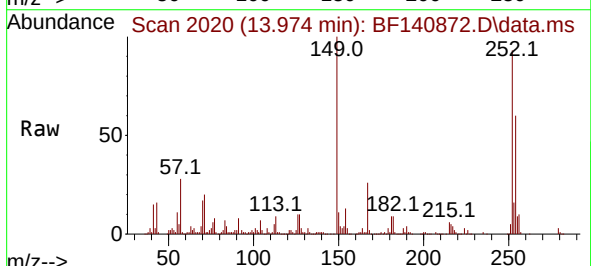
Tgt Ion:252 Resp: 179277

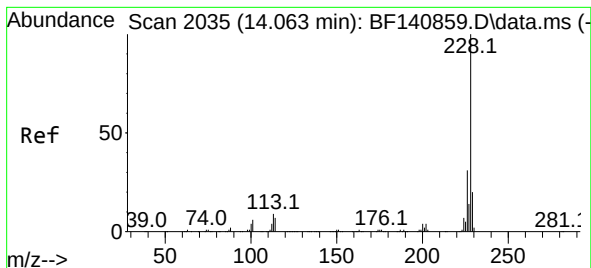
Ion Ratio Lower Upper

252 100

254 64.0 52.3 78.5

126 10.3 8.4 12.6





#83

Chrysene

Concen: 39.002 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

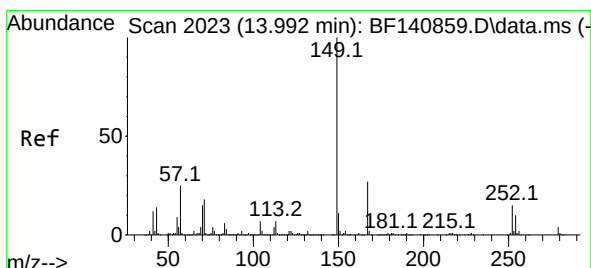
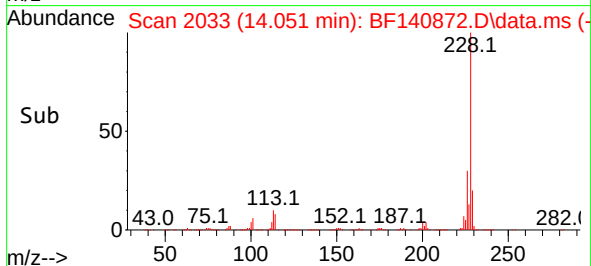
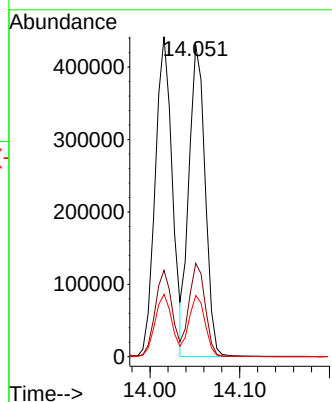
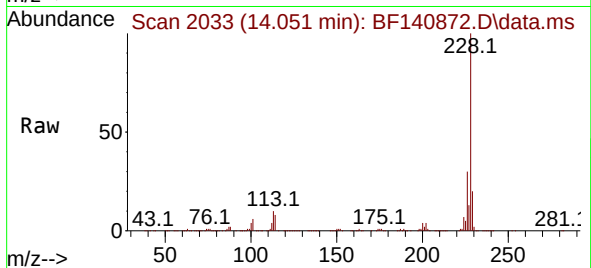
Tgt Ion:228 Resp: 539142

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.999 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

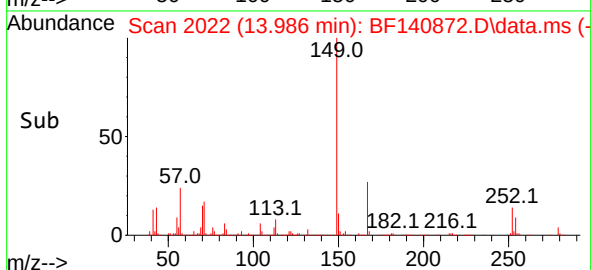
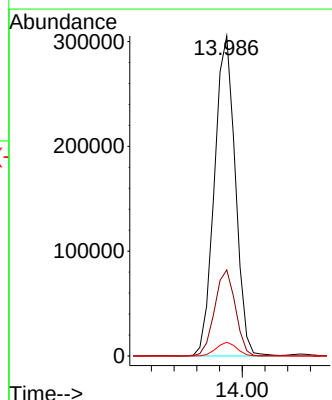
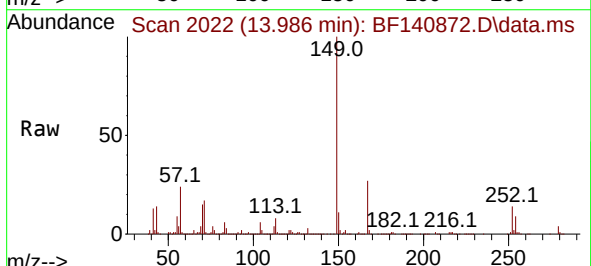
Tgt Ion:149 Resp: 389128

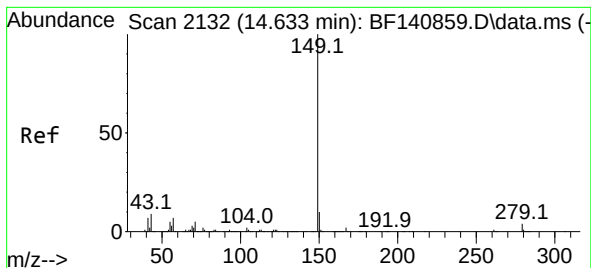
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.3 3.5 5.3

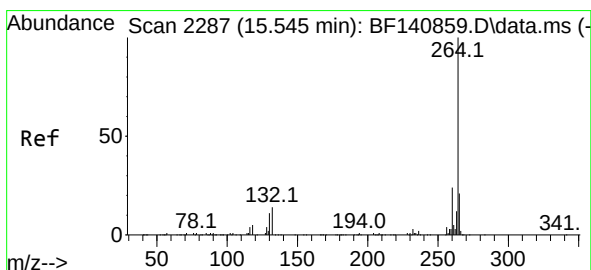
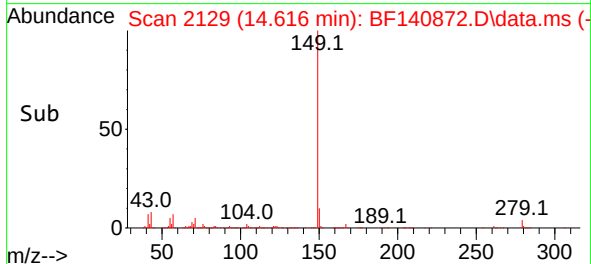
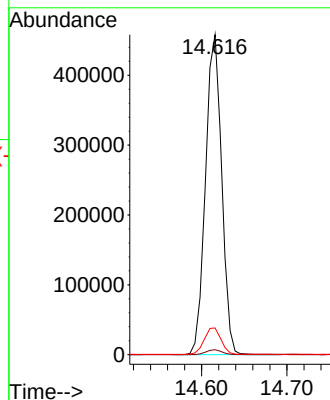
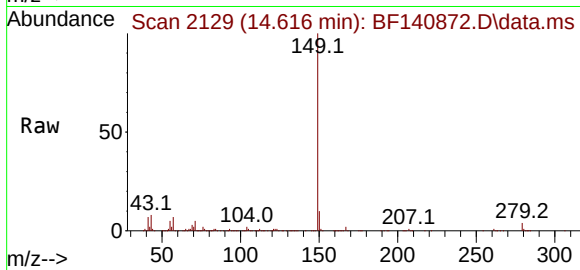




#85  
Di-n-octyl phthalate  
Concen: 44.146 ng  
RT: 14.616 min Scan# 2132  
Delta R.T. -0.018 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

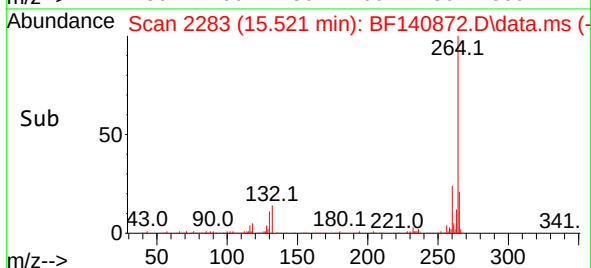
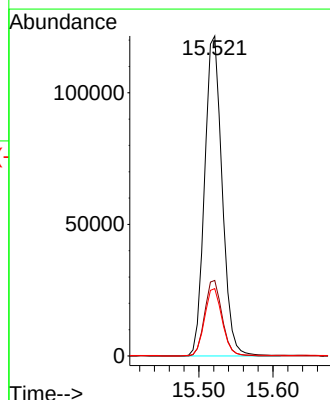
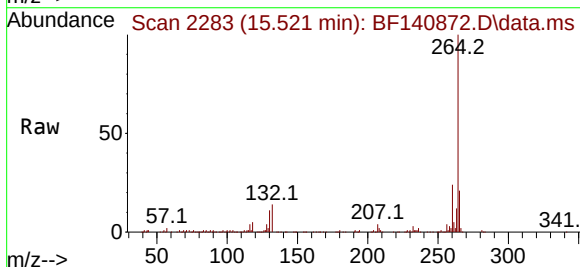
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

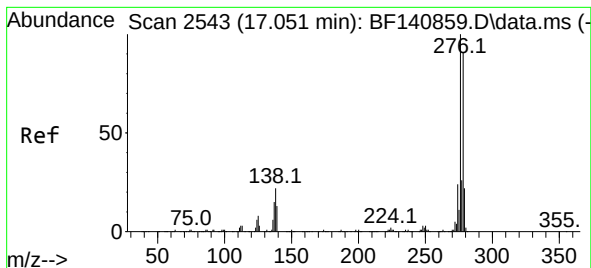
Tgt Ion:149 Resp: 604409  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.7 7.0 10.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.521 min Scan# 2283  
Delta R.T. -0.024 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion:264 Resp: 199592  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.1 28.7  
265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.297 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

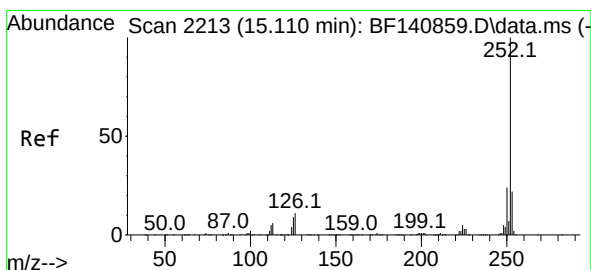
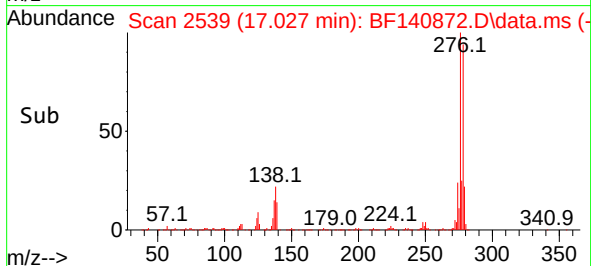
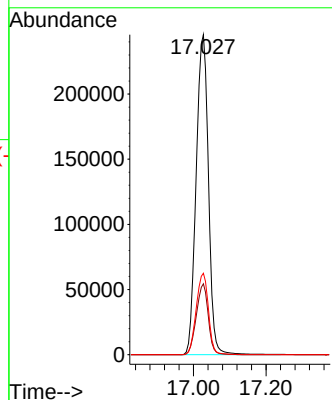
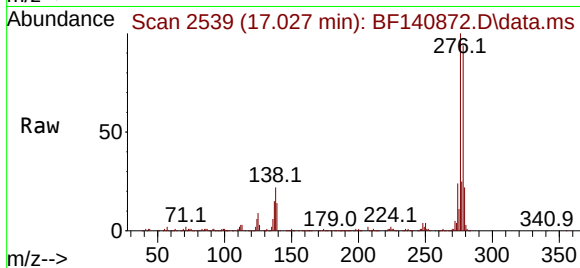
Tgt Ion:276 Resp: 576644

Ion Ratio Lower Upper

276 100

138 21.4 16.9 25.3

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 41.921 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.024 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

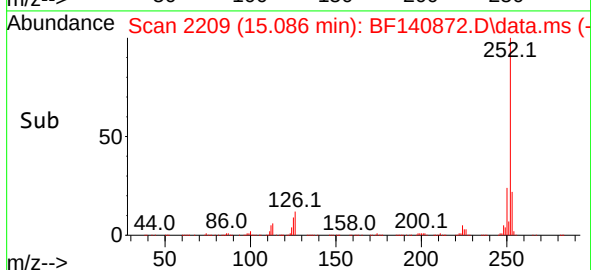
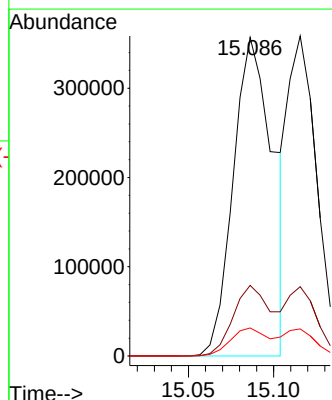
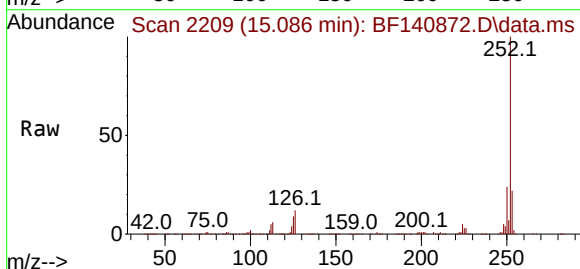
Tgt Ion:252 Resp: 580797

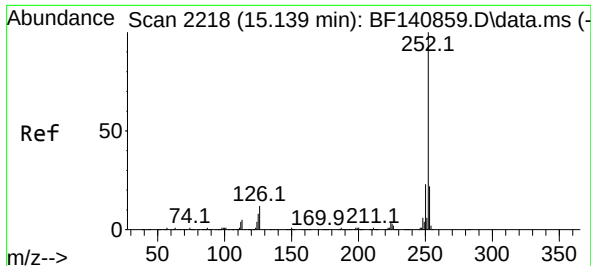
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 35.611 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

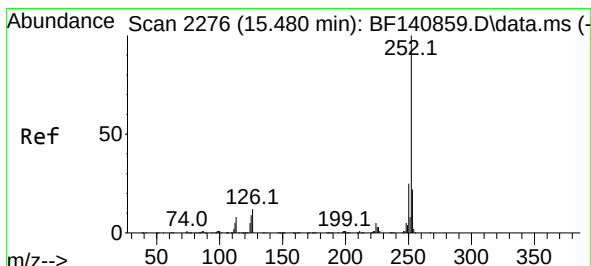
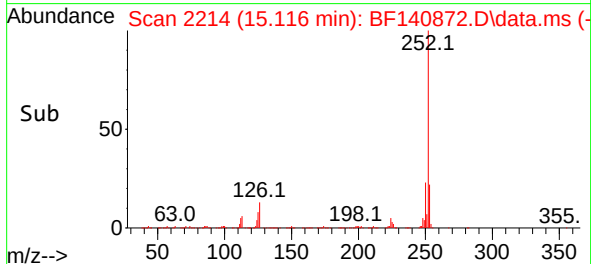
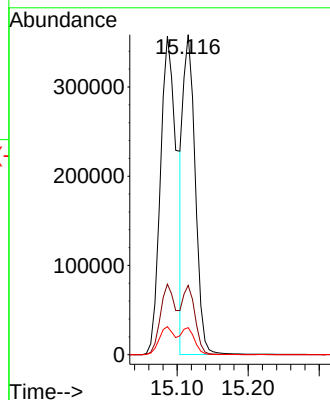
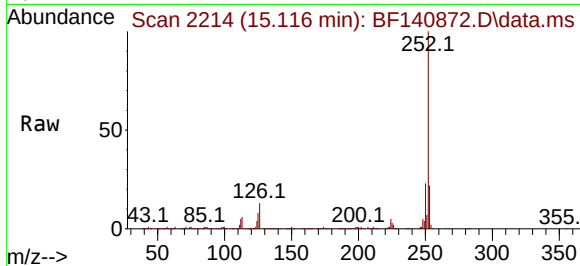
Tgt Ion:252 Resp: 423225

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.5 6.8 10.2



#90

Benzo(a)pyrene

Concen: 39.087 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.023 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

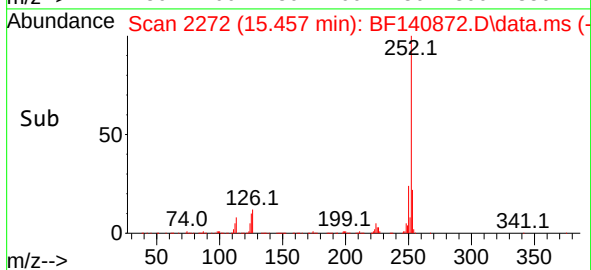
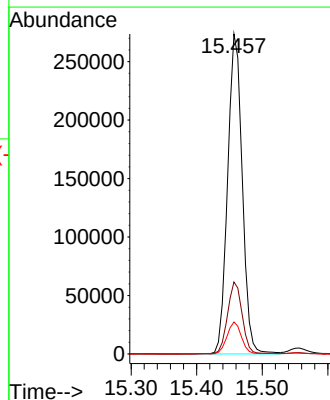
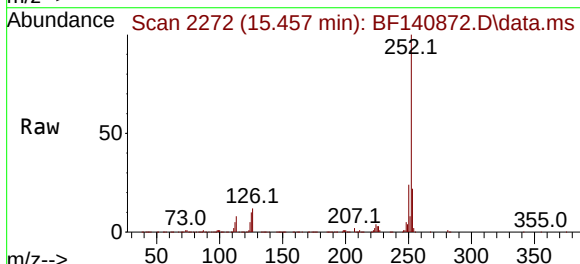
Tgt Ion:252 Resp: 424036

Ion Ratio Lower Upper

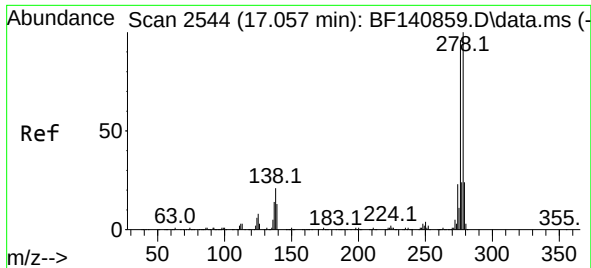
252 100

253 22.5 17.5 26.3

125 10.0 7.5 11.3



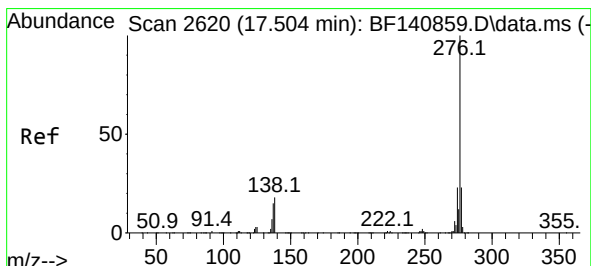
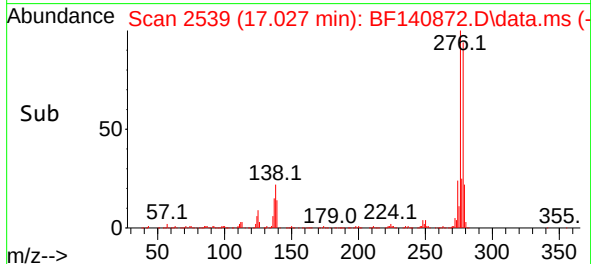
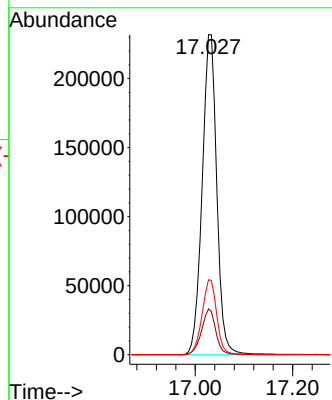
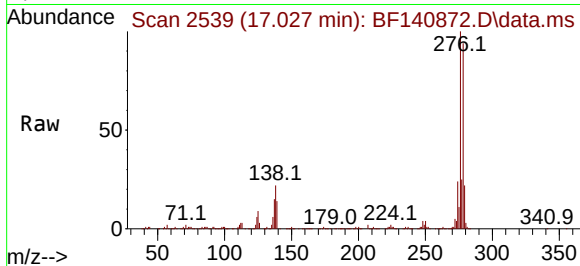




#91  
Dibenzo(a,h)anthracene  
Concen: 46.673 ng  
RT: 17.027 min Scan# 21  
Delta R.T. -0.029 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 481595  
Ion Ratio Lower Upper  
278 100  
139 14.3 10.6 16.0  
279 23.4 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 45.935 ng  
RT: 17.480 min Scan# 2616  
Delta R.T. -0.023 min  
Lab File: BF140872.D  
Acq: 17 Dec 2024 09:24

Tgt Ion:276 Resp: 482409  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.7 28.1  
138 17.4 14.2 21.2

