

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110424\  
 Data File : BF140229.D  
 Acq On : 04 Nov 2024 19:59  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Nov 05 00:02:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 17:12:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 230981   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 851446   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 492477   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 896517   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 556992   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 508808   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 1036966  | 76.071 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 1310282  | 74.912 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 1223432  | 72.691 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 451793   | 83.203 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 2341847  | 74.327 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 2673706  | 76.587 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 234666   | 39.000 | ng    | 94       |
| 3) Pyridine                   | 3.434  | 79   | 565912   | 38.290 | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 279995   | 33.819 | ng    | 88       |
| 6) Aniline                    | 6.540  | 93   | 590912   | 38.705 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 548799   | 38.194 | ng    | 95       |
| 9) Benzaldehyde               | 6.428  | 77   | 410163   | 36.091 | ng    | 96       |
| 10) Phenol                    | 6.516  | 94   | 697496   | 37.494 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 533142   | 37.277 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 648381   | 38.220 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 654178   | 38.173 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 610075   | 38.093 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 499035   | 36.425 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 707374   | 34.365 | ng    | 98       |
| 17) 2-Methylphenol            | 7.122  | 107  | 445730   | 38.327 | ng    | 97       |
| 18) Hexachloroethane          | 7.393  | 117  | 241215   | 37.807 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.293  | 70   | 395688   | 34.647 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 553422   | 36.983 | ng    | 98       |
| 22) Acetophenone              | 7.287  | 105  | 759939   | 36.416 | ng    | 94       |
| 24) Nitrobenzene              | 7.457  | 77   | 636879   | 36.247 | ng    | 99       |
| 25) Isophorone                | 7.698  | 82   | 1048005  | 36.655 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 283126   | 41.058 | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 373452   | 39.543 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 640784   | 37.197 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 469947   | 39.349 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 574723   | 39.193 | ng    | 100      |
| 31) Naphthalene               | 8.181  | 128  | 1634890  | 38.088 | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 321909   | 42.868 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 548773   | 38.575 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 392997   | 38.619 | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 143222   | 40.414 | ng    | 87       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 489340   | 37.623 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 1086247  | 37.921 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 1056246  | 37.671 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.034  | 216  | 590951   | 38.878 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 181304   | 43.491 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 375956   | 40.505 | ng    | 99       |

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 ALS Vial : 18 Sample Multiplier: 1

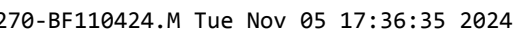
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

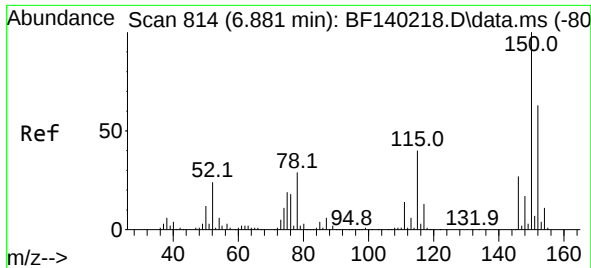
Quant Time: Nov 05 00:02:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 381992   | 39.390 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.334  | 154  | 1352252  | 37.829 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 1046215  | 38.573 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 308495   | 36.592 | ng    | 92       |
| 49) Acenaphthylene            | 9.781  | 152  | 1469488  | 38.495 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 1165145  | 38.580 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 284796   | 39.573 | ng    | 91       |
| 52) Acenaphthene              | 9.951  | 154  | 1045767  | 38.434 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 264774   | 40.319 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 128579   | 39.052 | ng    | 96       |
| 55) Dibenzofuran              | 10.122 | 168  | 1455005  | 37.857 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 199962   | 41.151 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 376627   | 39.977 | ng    | 91       |
| 58) Fluorene                  | 10.469 | 166  | 1156887  | 37.640 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 335890   | 41.805 | ng    | 95       |
| 60) Diethylphthalate          | 10.339 | 149  | 1171591  | 38.081 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 605483   | 38.285 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 268613   | 40.235 | ng    | 92       |
| 63) Azobenzene                | 10.616 | 77   | 1109120  | 35.552 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 197088   | 41.986 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 987822   | 38.253 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 392701   | 38.896 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 454292   | 39.871 | ng    | 97       |
| 69) Atrazine                  | 11.104 | 200  | 241692   | 33.455 | ng    | 99       |
| 70) Pentachlorophenol         | 11.210 | 266  | 265342   | 43.729 | ng    | 99       |
| 71) Phenanthrene              | 11.433 | 178  | 1652455  | 37.917 | ng    | 100      |
| 72) Anthracene                | 11.486 | 178  | 1608841  | 37.669 | ng    | 100      |
| 73) Carbazole                 | 11.639 | 167  | 1450059  | 37.435 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 1717421  | 37.804 | ng    | 99       |
| 75) Fluoranthene              | 12.622 | 202  | 1779204  | 38.114 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 647794   | 67.047 | ng    | 98       |
| 78) Pyrene                    | 12.851 | 202  | 1761359  | 38.506 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.469 | 149  | 635812   | 39.632 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 1443097  | 39.502 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 455607   | 41.336 | ng    | 100      |
| 83) Chrysene                  | 14.080 | 228  | 1255262  | 37.354 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 868310   | 38.917 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 1321840  | 39.950 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 1298511  | 40.546 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 1174781  | 36.605 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 1158423  | 40.505 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 1011561  | 39.106 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 1058412  | 40.580 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.504 | 276  | 1069633  | 40.164 | ng    | 99       |

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

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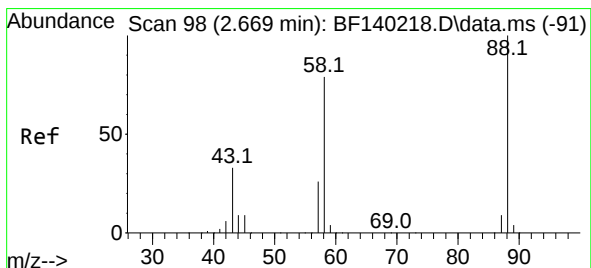
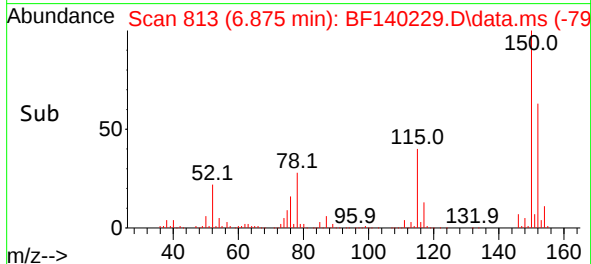
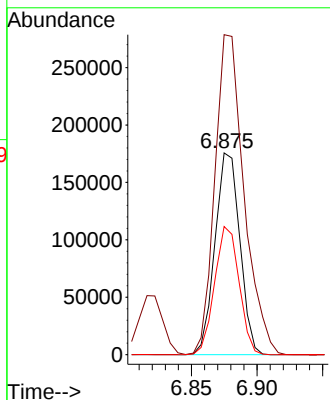
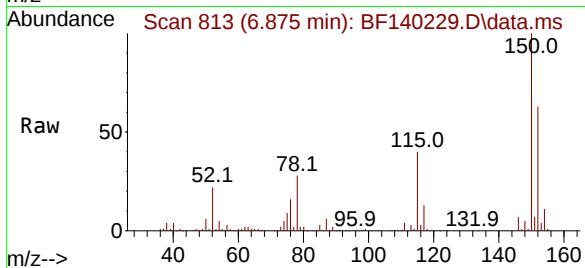




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

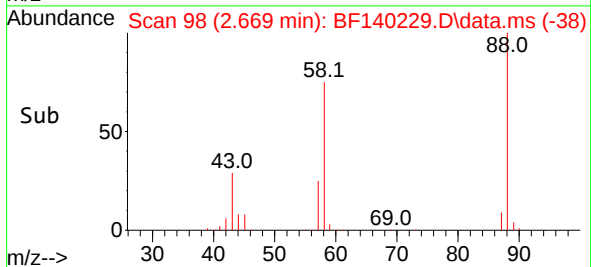
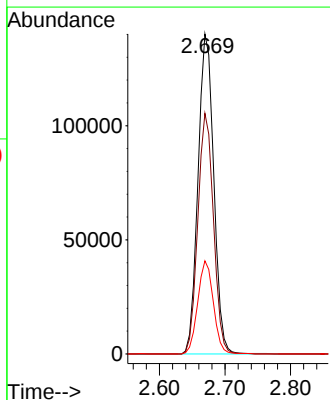
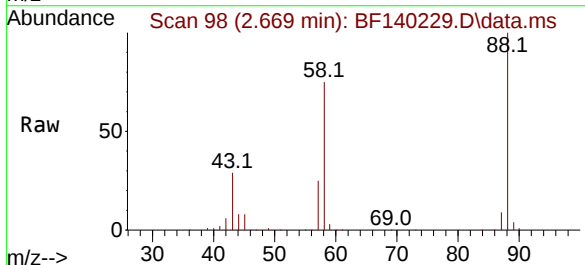
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

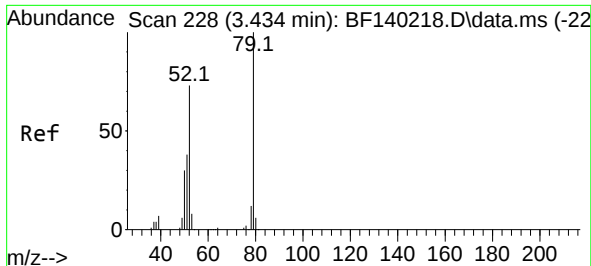
Tgt Ion:152 Resp: 230981  
Ion Ratio Lower Upper  
152 100  
150 158.6 127.8 191.8  
115 63.5 50.7 76.1



#2  
1,4-Dioxane  
Concen: 39.000 ng  
RT: 2.669 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion: 88 Resp: 234666  
Ion Ratio Lower Upper  
88 100  
58 74.7 63.4 95.2  
43 29.0 26.8 40.2





#3

Pyridine

Concen: 38.290 ng

RT: 3.434 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

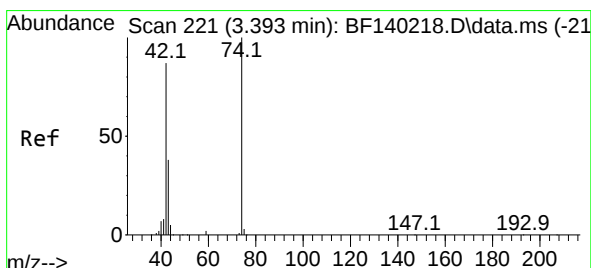
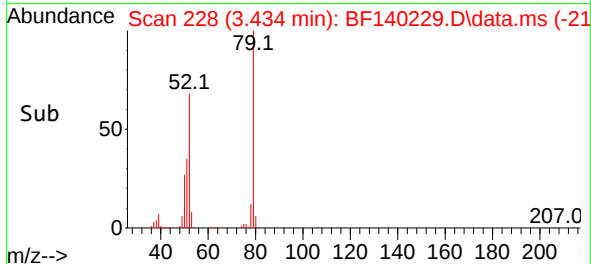
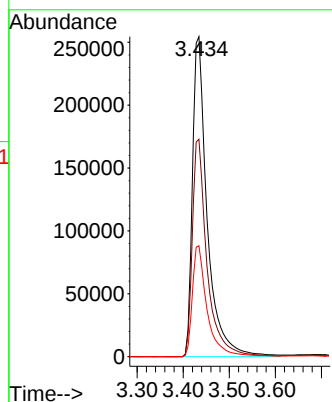
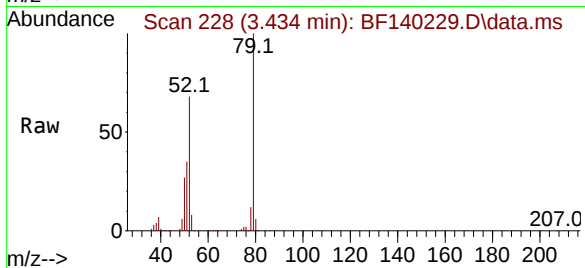
Tgt Ion: 79 Resp: 565912

Ion Ratio Lower Upper

79 100

52 68.0 58.2 87.4

51 34.6 30.6 46.0



#4

n-Nitrosodimethylamine

Concen: 33.819 ng

RT: 3.387 min Scan# 220

Delta R.T. -0.006 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

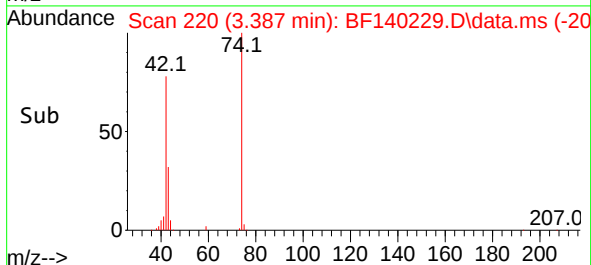
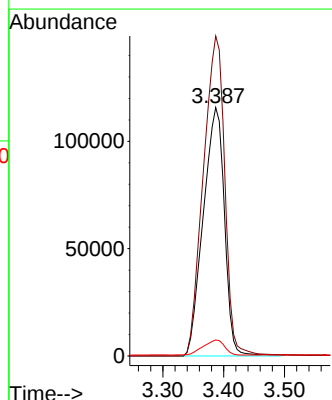
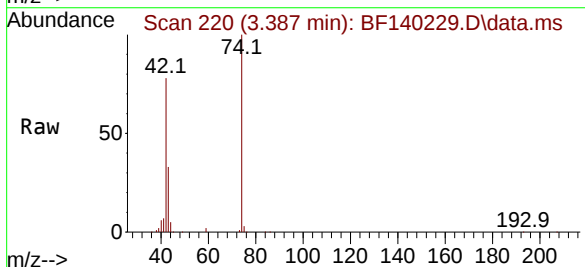
Tgt Ion: 42 Resp: 279995

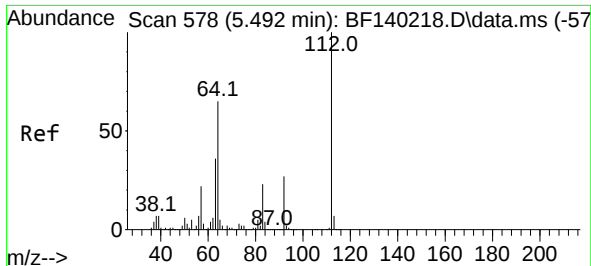
Ion Ratio Lower Upper

42 100

74 128.8 92.0 138.0

44 6.5 5.0 7.6

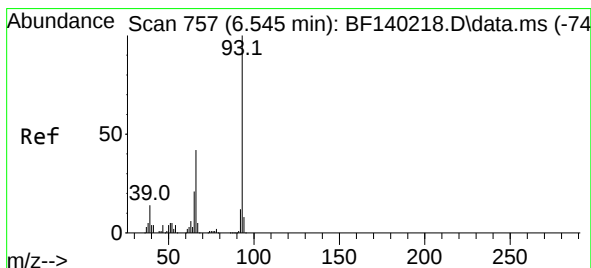
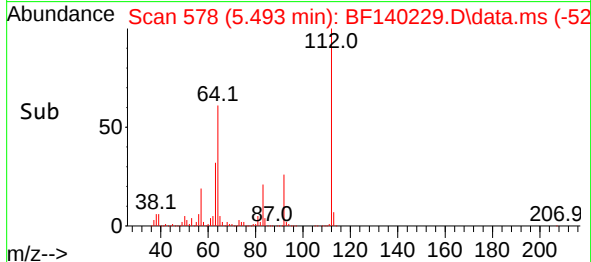
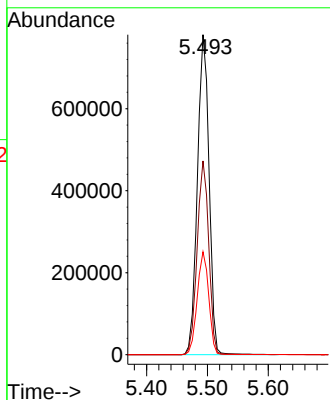
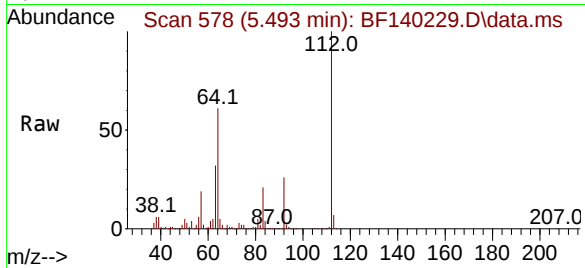




#5  
2-Fluorophenol  
Concen: 76.071 ng  
RT: 5.493 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

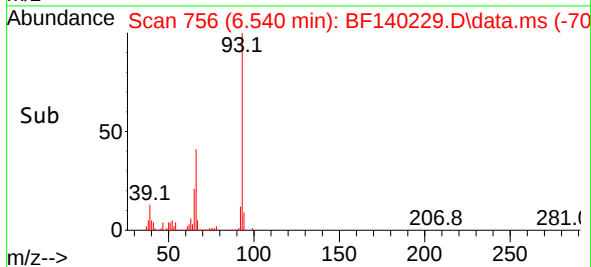
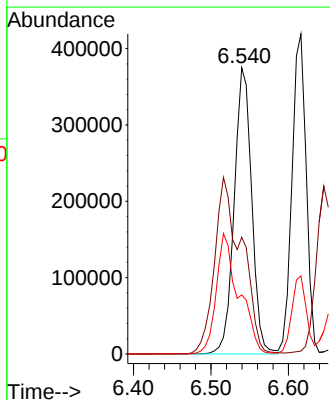
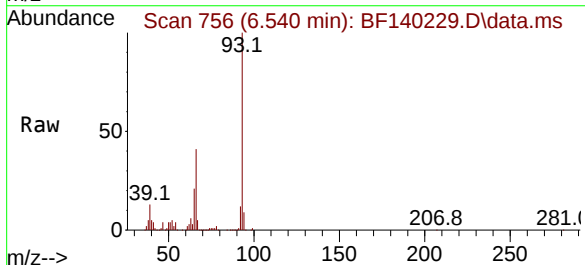
Instrument :  
BNA\_F  
ClientSampleId :  
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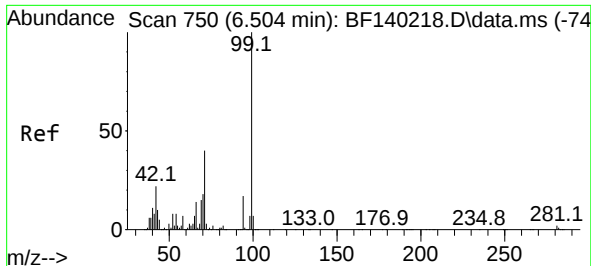
Tgt Ion:112 Resp: 1036966  
Ion Ratio Lower Upper  
112 100  
64 60.5 51.8 77.6  
63 32.1 28.4 42.6



#6  
Aniline  
Concen: 38.705 ng  
RT: 6.540 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion: 93 Resp: 590912  
Ion Ratio Lower Upper  
93 100  
66 40.8 33.7 50.5  
65 20.6 17.2 25.8



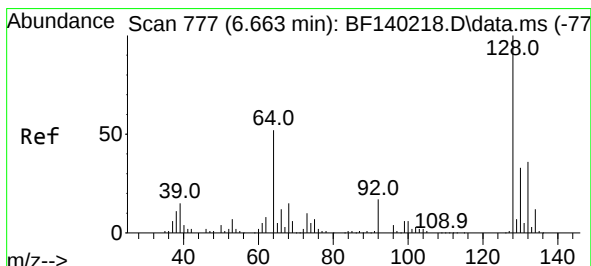
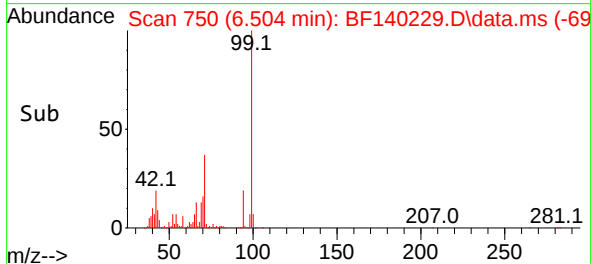
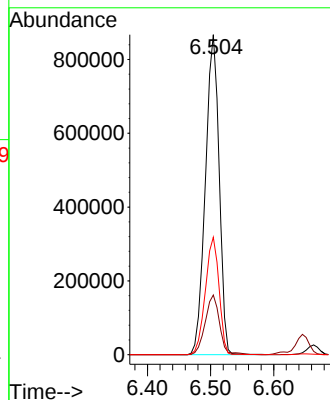
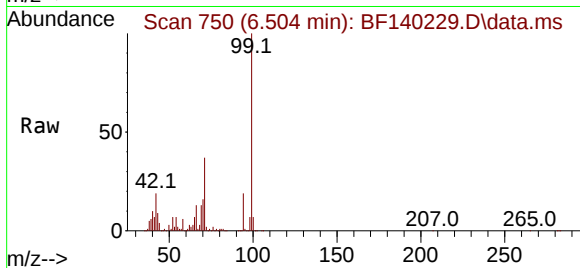


#7  
Phenol-d6  
Concen: 74.912 ng  
RT: 6.504 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 99 Resp: 1310282

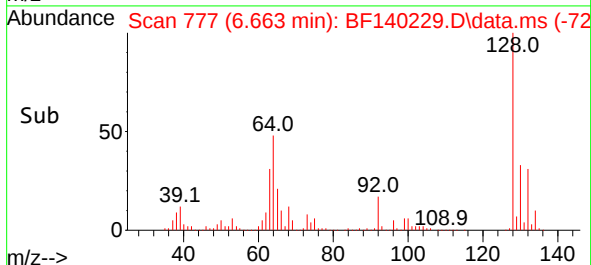
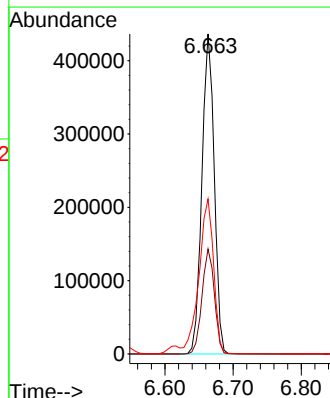
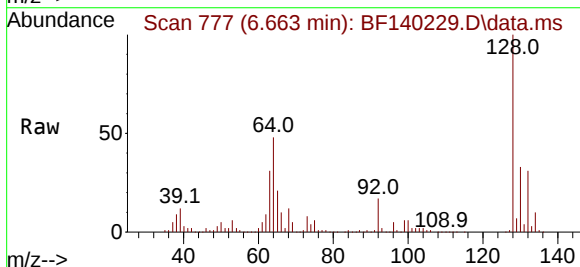
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|-----|-------|-------|-------|
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| 42  | 18.6  | 17.8  | 26.6  |
| 71  | 36.7  | 32.0  | 48.0  |

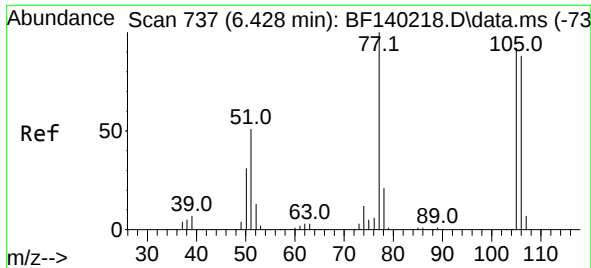


#8  
2-Chlorophenol  
Concen: 38.194 ng  
RT: 6.663 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion: 128 Resp: 548799

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.8  | 13.0  | 53.0  |
| 64  | 48.4  | 34.4  | 74.4  |



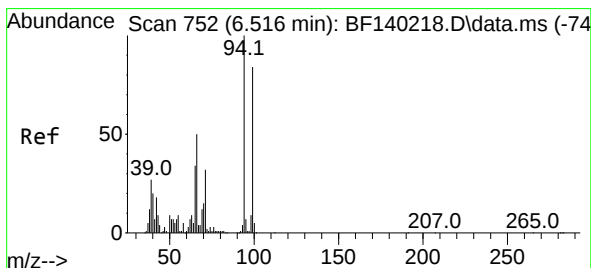
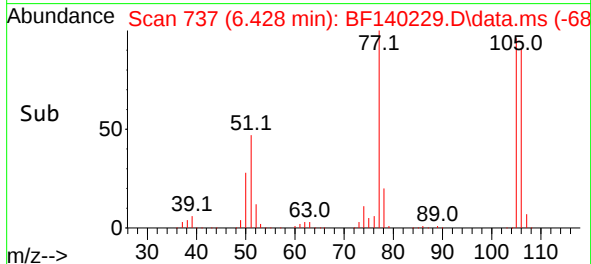
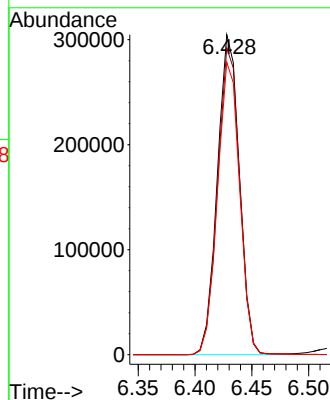
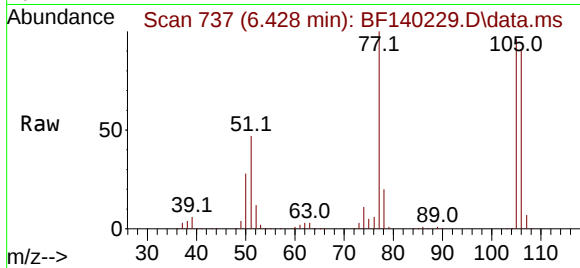


#9  
Benzaldehyde  
Concen: 36.091 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 77 Resp: 410163

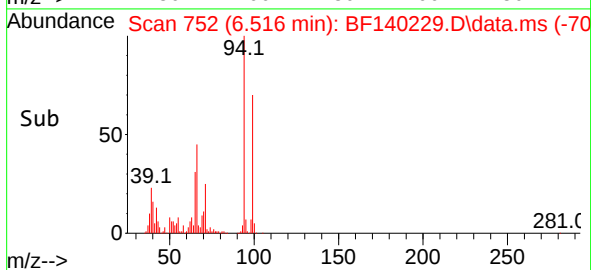
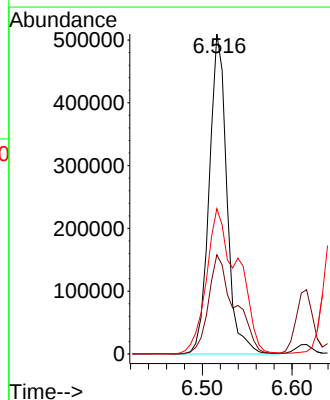
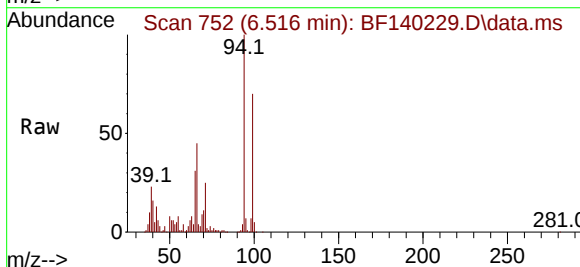
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 95.9  | 71.7  | 111.7 |
| 106 | 91.4  | 67.9  | 107.9 |

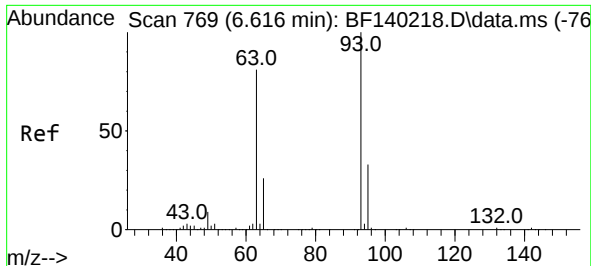


#10  
Phenol  
Concen: 37.494 ng  
RT: 6.516 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion: 94 Resp: 697496

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 31.0  | 14.0  | 54.0  |
| 66  | 45.4  | 30.2  | 70.2  |





#11

bis(2-Chloroethyl)ether

Concen: 37.277 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

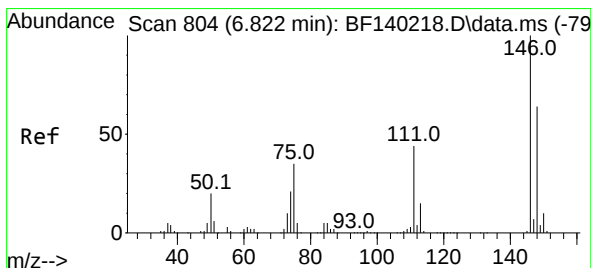
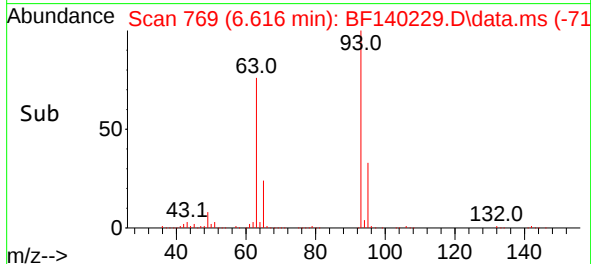
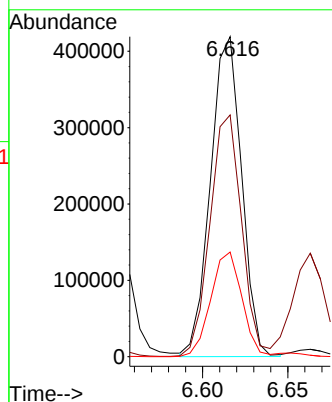
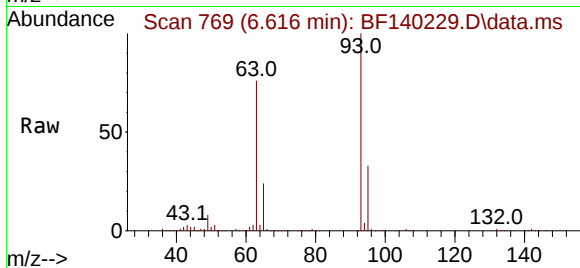
Tgt Ion: 93 Resp: 533142

Ion Ratio Lower Upper

93 100

63 75.6 59.8 99.8

95 32.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 38.220 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

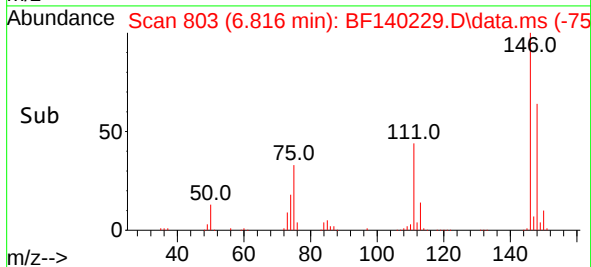
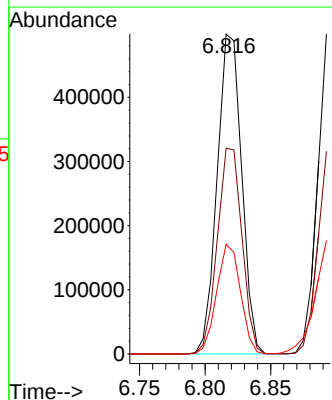
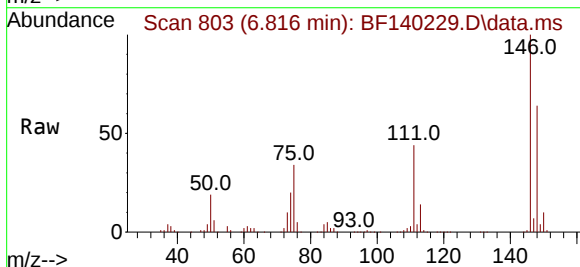
Tgt Ion:146 Resp: 648381

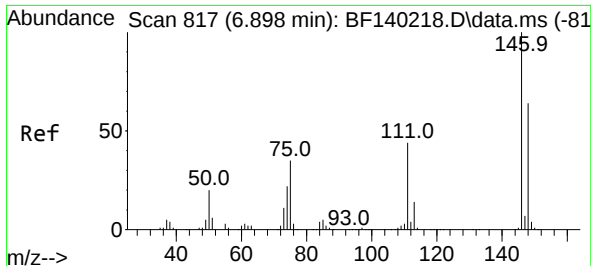
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

75 34.3 28.2 42.4

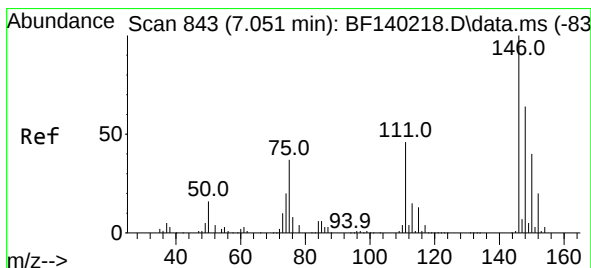
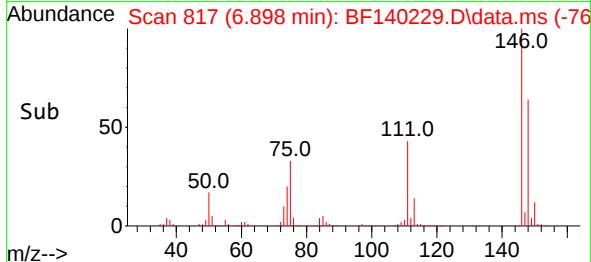
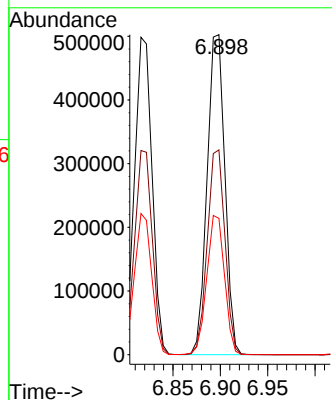
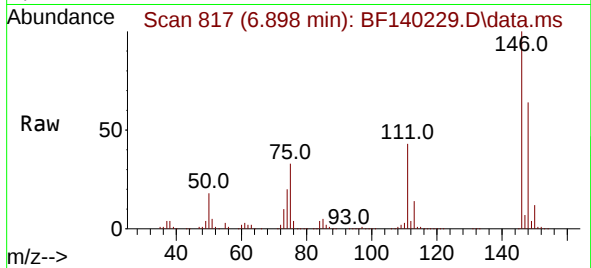




#13  
1,4-Dichlorobenzene  
Concen: 38.173 ng  
RT: 6.898 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

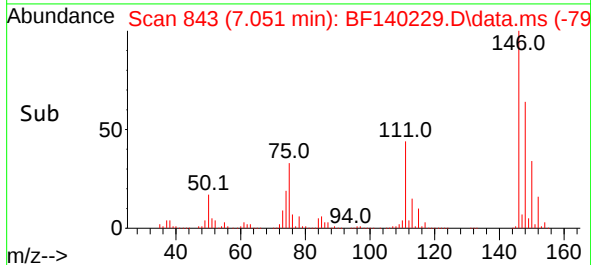
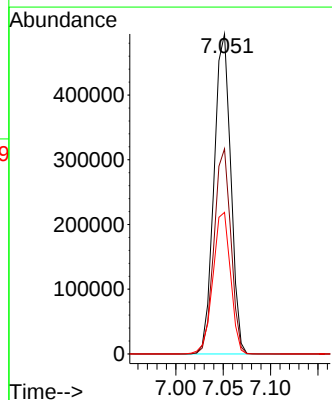
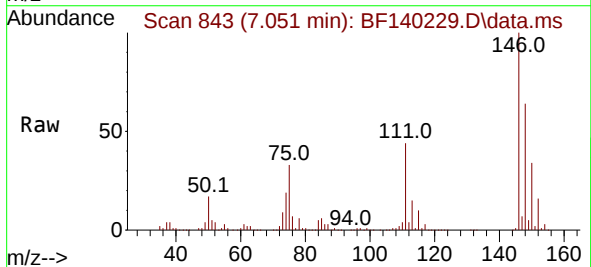
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

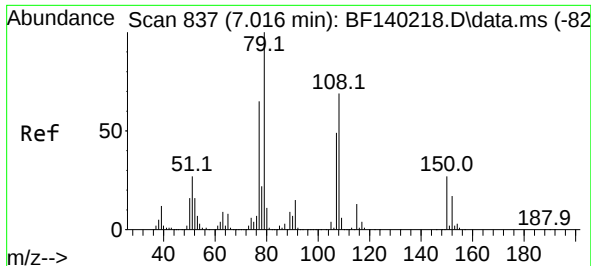
Tgt Ion:146 Resp: 654178  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.4 77.0  
111 42.6 34.9 52.3



#14  
1,2-Dichlorobenzene  
Concen: 38.093 ng  
RT: 7.051 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:146 Resp: 610075  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.3 76.9  
111 44.3 37.1 55.7

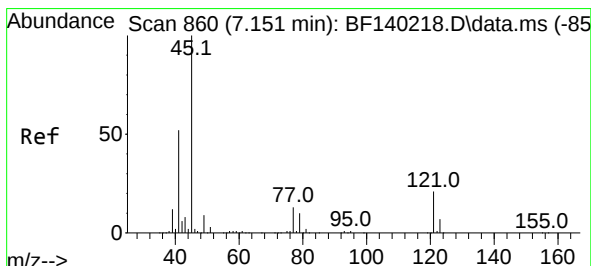
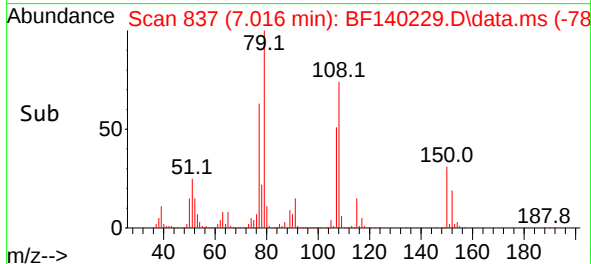
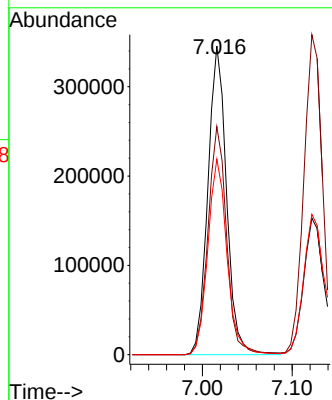
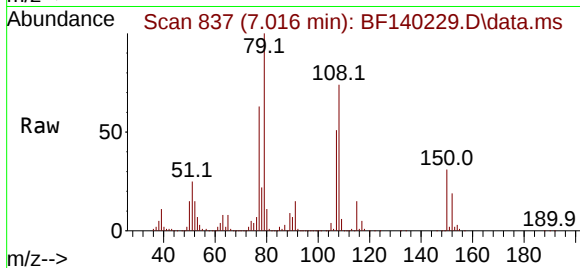




#15  
Benzyl Alcohol  
Concen: 36.425 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

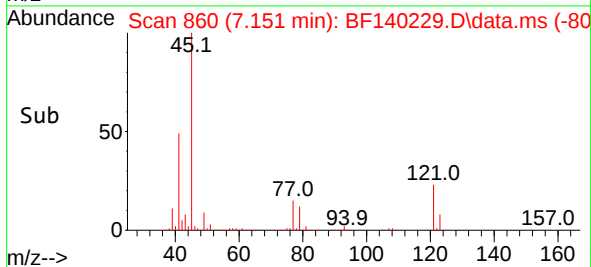
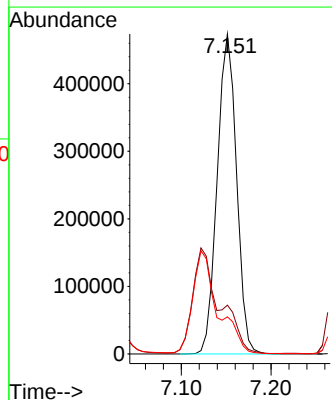
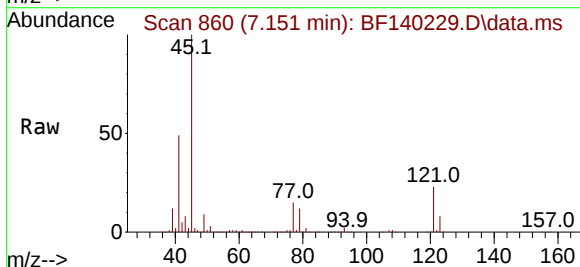
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

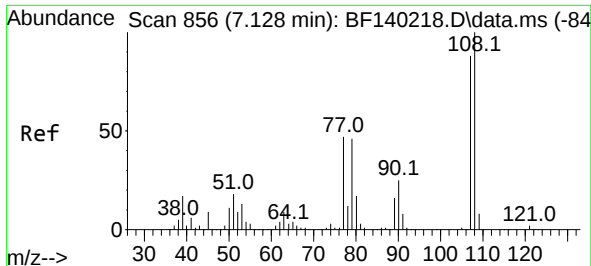
Tgt Ion: 79 Resp: 499035  
Ion Ratio Lower Upper  
79 100  
108 73.9 55.6 83.4  
77 63.3 51.9 77.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.365 ng  
RT: 7.151 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion: 45 Resp: 707374  
Ion Ratio Lower Upper  
45 100  
77 15.3 0.0 34.5  
79 11.6 0.0 31.0

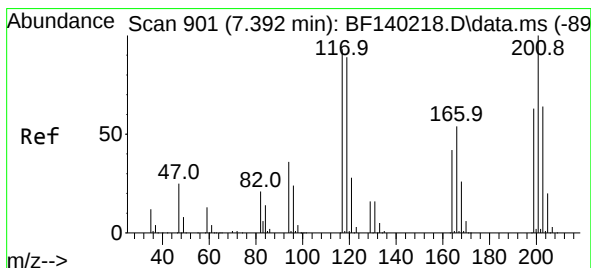
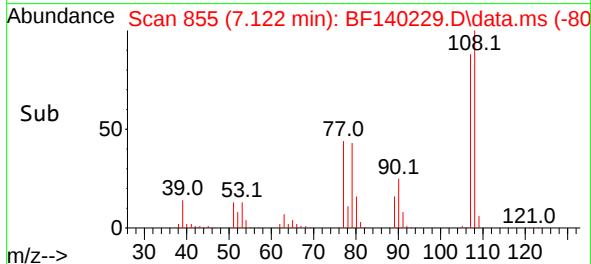
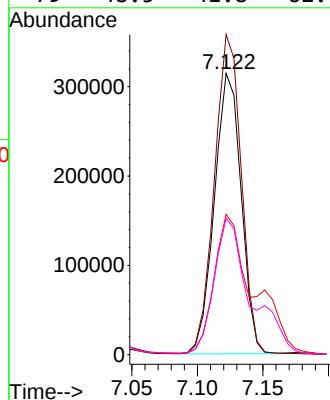
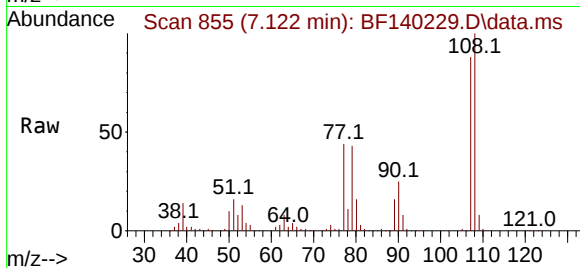




#17  
2-Methylphenol  
Concen: 38.327 ng  
RT: 7.122 min Scan# 856  
Delta R.T. -0.006 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

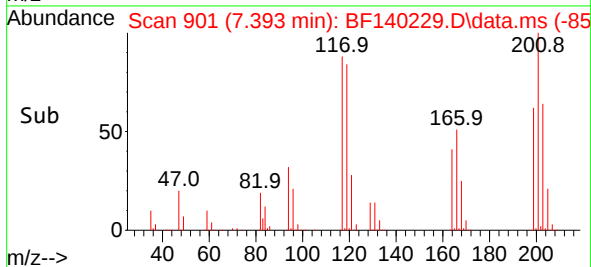
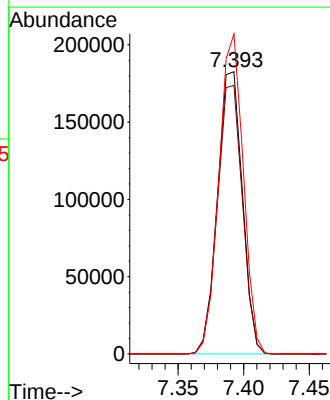
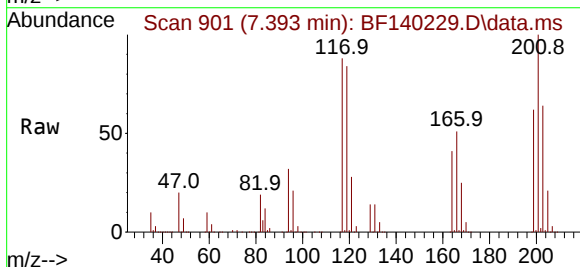
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

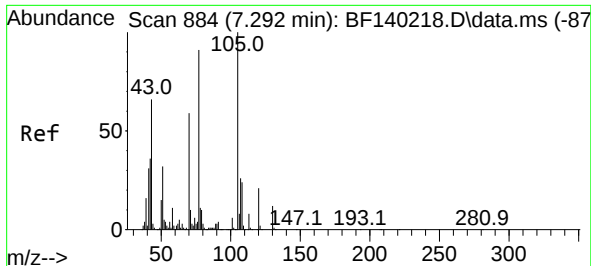
Tgt Ion:107 Resp: 445730  
Ion Ratio Lower Upper  
107 100  
108 113.8 91.4 137.0  
77 49.9 43.0 64.4  
79 48.5 41.8 62.6



#18  
Hexachloroethane  
Concen: 37.807 ng  
RT: 7.393 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:117 Resp: 241215  
Ion Ratio Lower Upper  
117 100  
119 95.1 77.0 115.4  
201 113.3 86.2 129.4



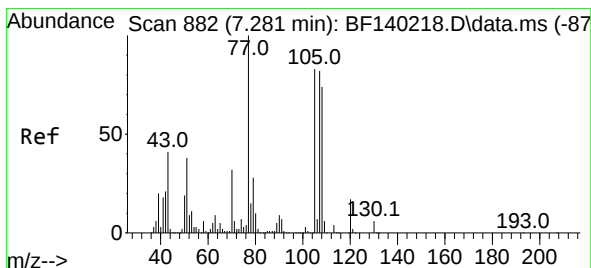
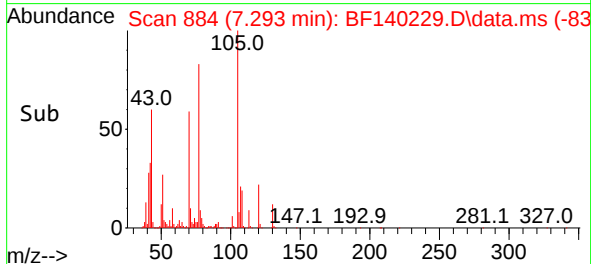
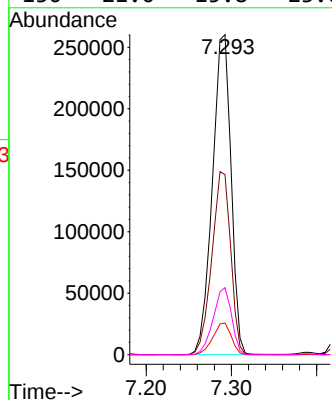
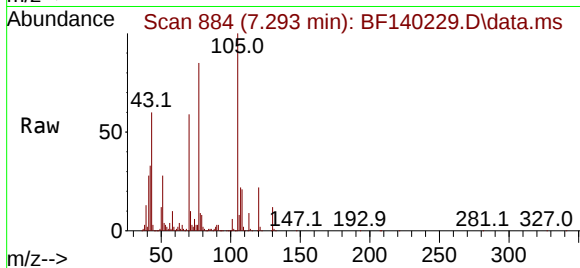


#19  
n-Nitroso-di-n-propylamine  
Concen: 34.647 ng  
RT: 7.293 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 70 Resp: 395688

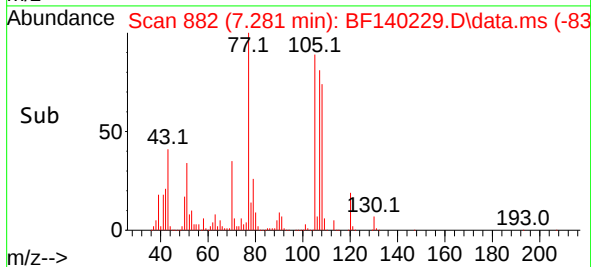
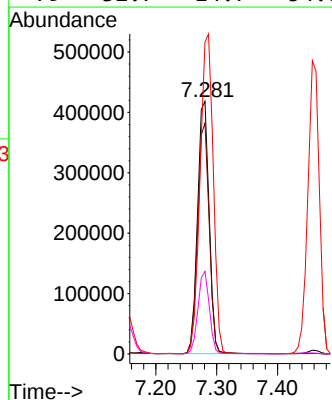
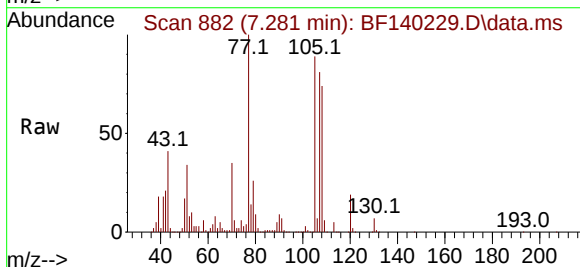
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 56.3  | 49.2  | 73.8  |
| 101 | 9.9   | 7.5   | 11.3  |
| 130 | 21.0  | 15.8  | 23.6  |

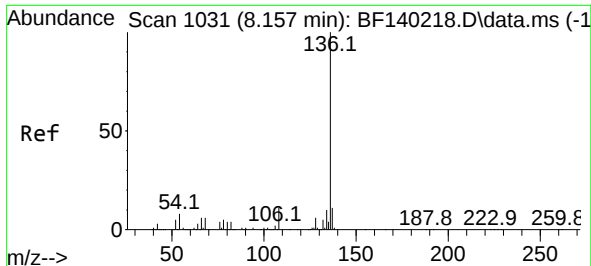


#20  
3+4-Methylphenols  
Concen: 36.983 ng  
RT: 7.281 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion: 107 Resp: 553422

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.4  | 70.0  | 110.0 |
| 77  | 123.5 | 101.9 | 141.9 |
| 79  | 32.7  | 14.7  | 54.7  |

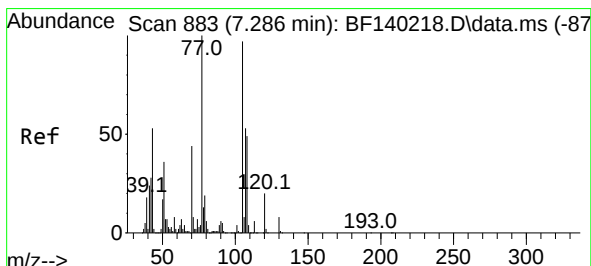
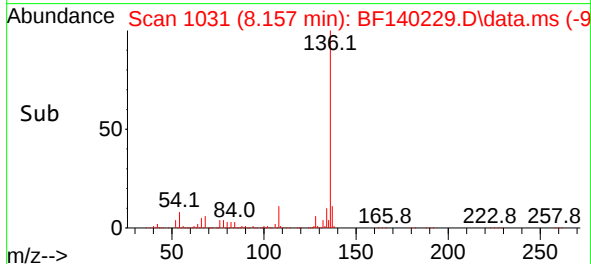
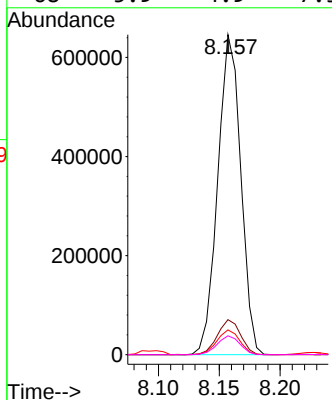
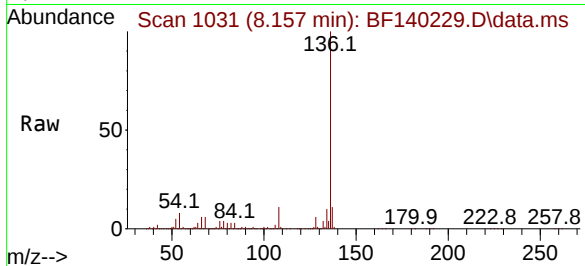




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

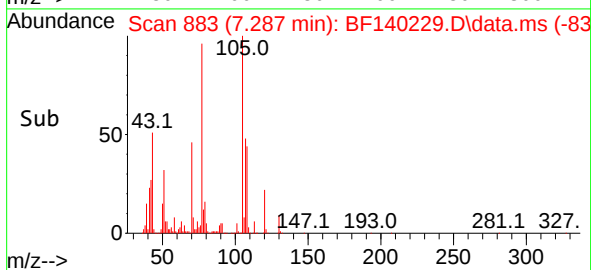
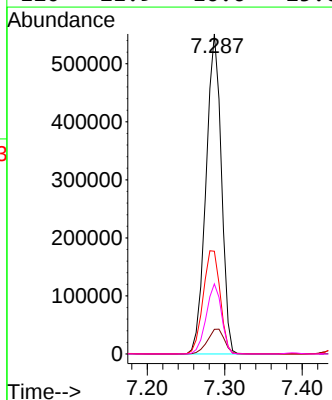
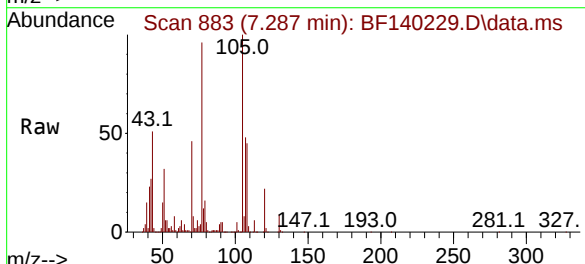
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

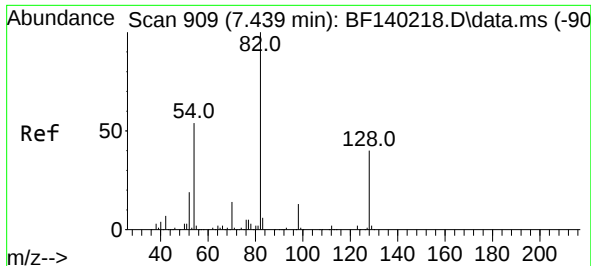
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 851446 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 9.0   | 13.4   |
| 54       | 7.7   | 6.9   | 10.3   |
| 68       | 5.9   | 4.9   | 7.3    |



#22  
Acetophenone  
Concen: 36.416 ng  
RT: 7.287 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 759939 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 7.7   | 6.2   | 9.4    |
| 51       | 32.1  | 30.1  | 45.1   |
| 120      | 21.9  | 16.6  | 25.0   |

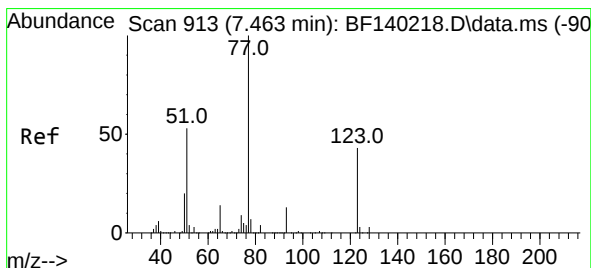
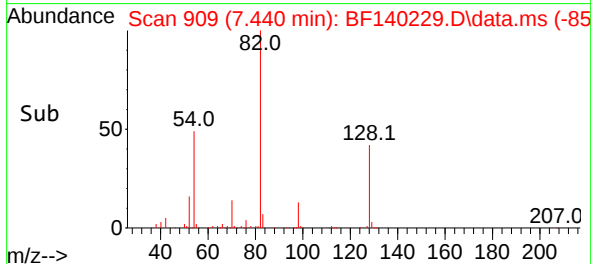
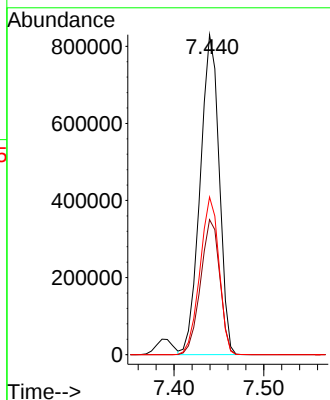
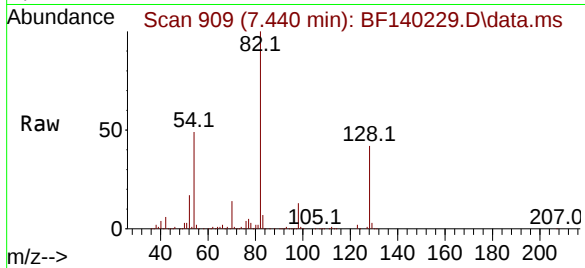




#23  
Nitrobenzene-d5  
Concen: 72.691 ng  
RT: 7.440 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

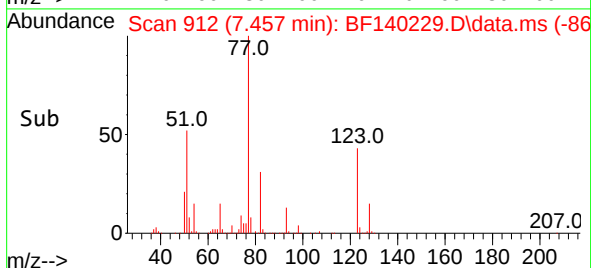
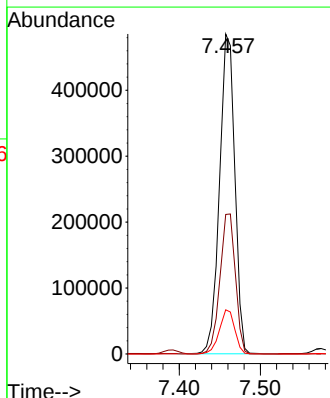
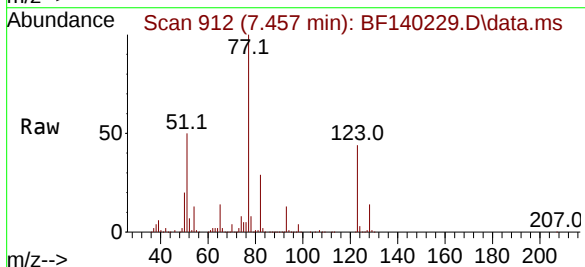
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

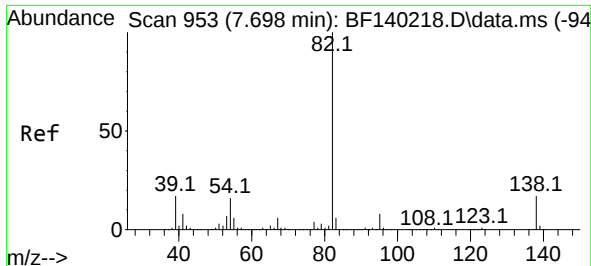
Tgt Ion: 82 Resp: 1223432  
Ion Ratio Lower Upper  
82 100  
128 42.2 31.4 47.2  
54 49.2 42.7 64.1



#24  
Nitrobenzene  
Concen: 36.247 ng  
RT: 7.457 min Scan# 912  
Delta R.T. -0.006 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion: 77 Resp: 636879  
Ion Ratio Lower Upper  
77 100  
123 43.6 34.6 51.8  
65 13.8 11.4 17.0

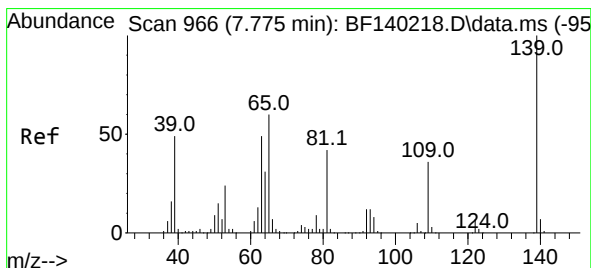
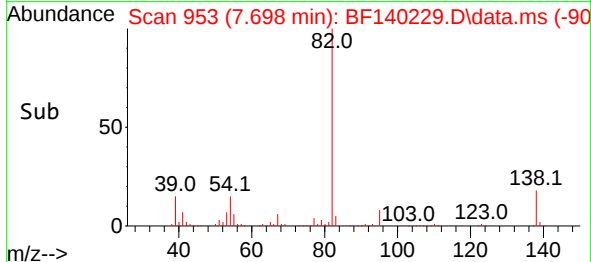
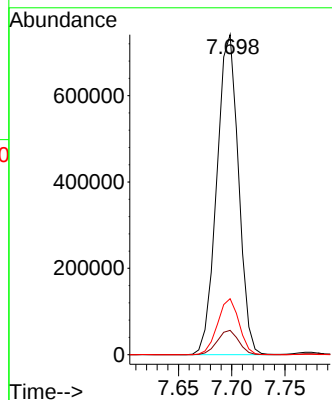
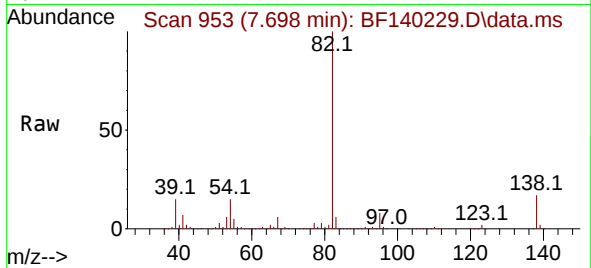




#25  
Isophorone  
Concen: 36.655 ng  
RT: 7.698 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

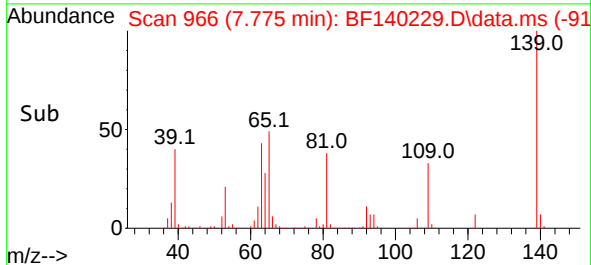
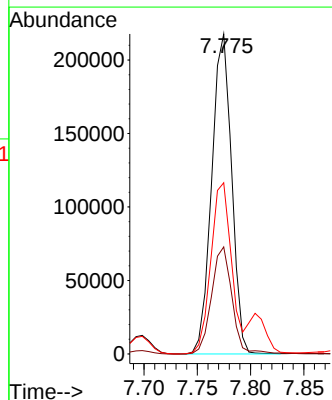
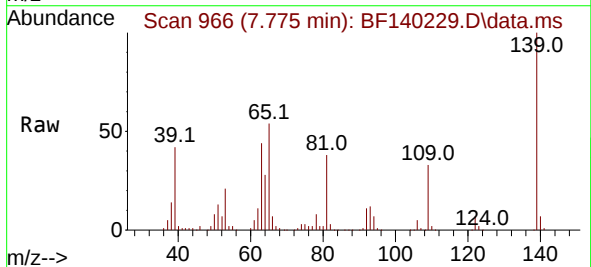
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

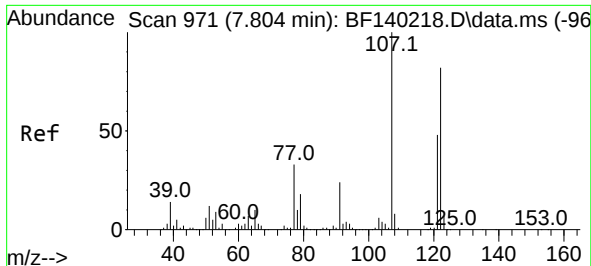
Tgt Ion: 82 Resp: 1048005  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.2 9.4  
138 17.5 13.2 19.8



#26  
2-Nitrophenol  
Concen: 41.058 ng  
RT: 7.775 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:139 Resp: 283126  
Ion Ratio Lower Upper  
139 100  
109 33.4 28.6 42.8  
65 53.5 47.8 71.6





#27

2,4-Dimethylphenol

Concen: 39.543 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

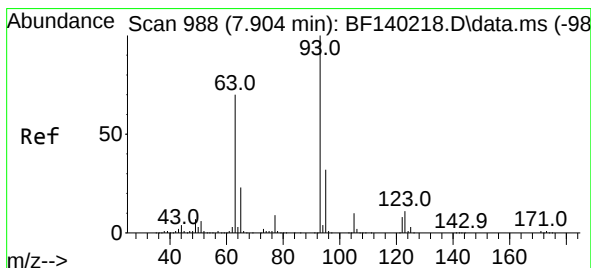
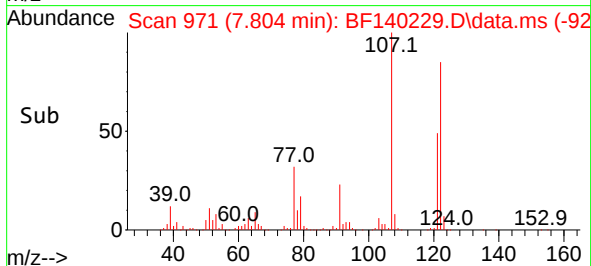
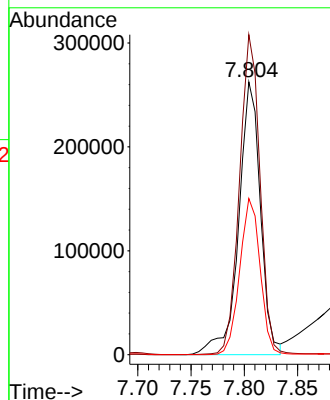
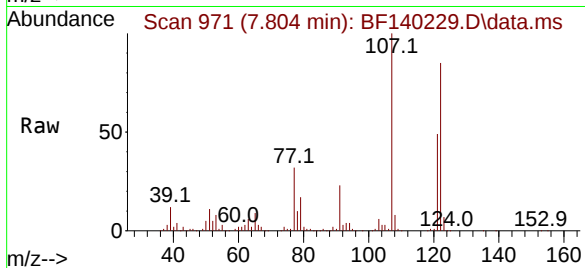
Tgt Ion:122 Resp: 373452

Ion Ratio Lower Upper

122 100

107 117.3 97.9 146.9

121 57.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.197 ng

RT: 7.904 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

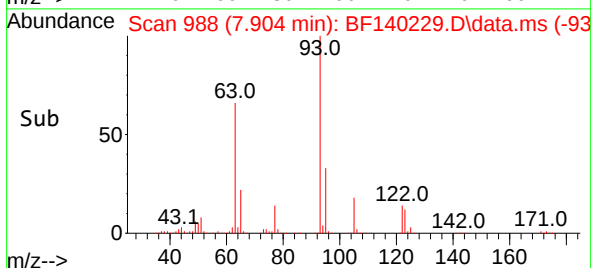
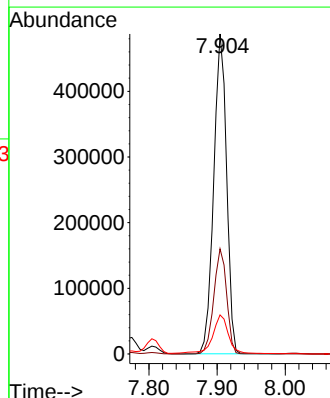
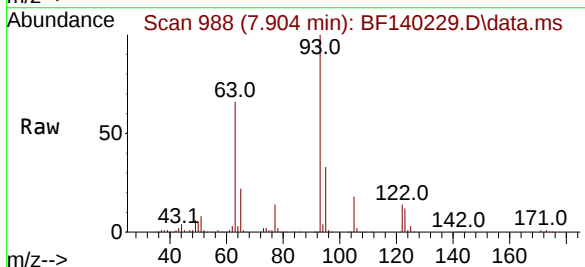
Tgt Ion: 93 Resp: 640784

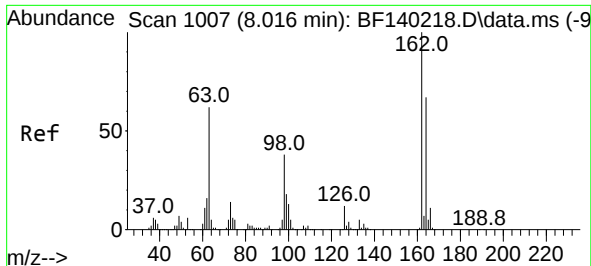
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

123 12.2 9.5 14.3

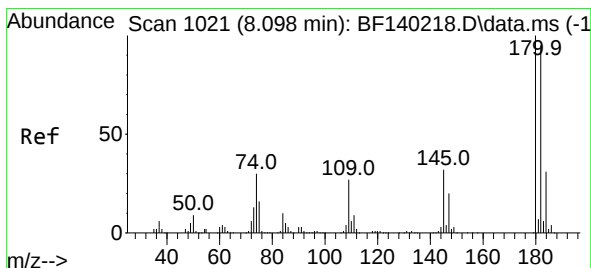
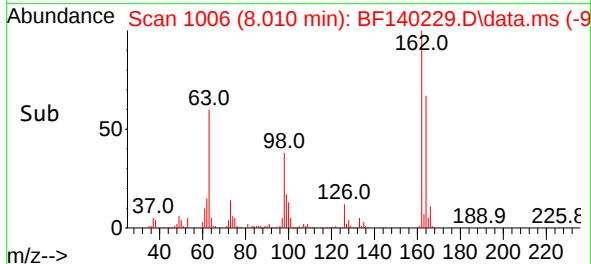
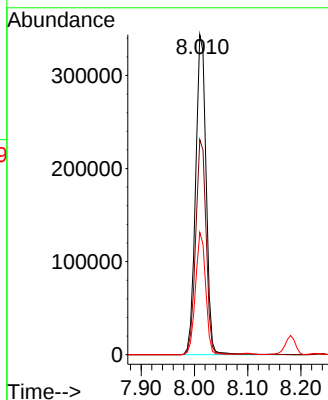
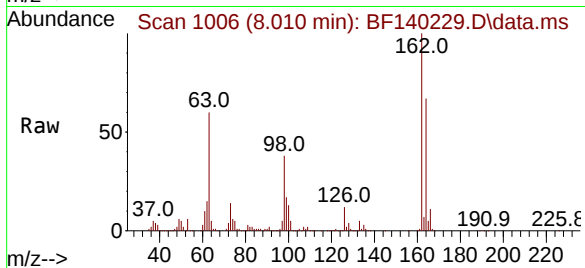




#29  
2,4-Dichlorophenol  
Concen: 39.349 ng  
RT: 8.010 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

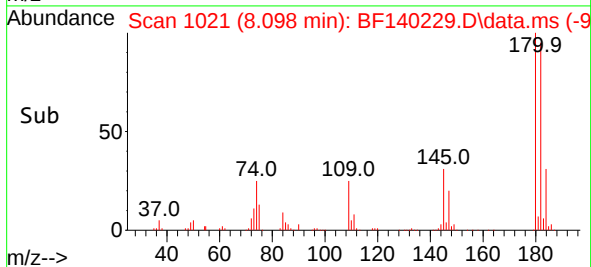
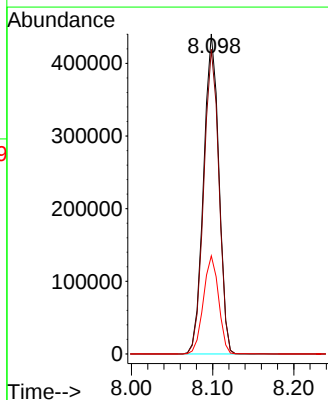
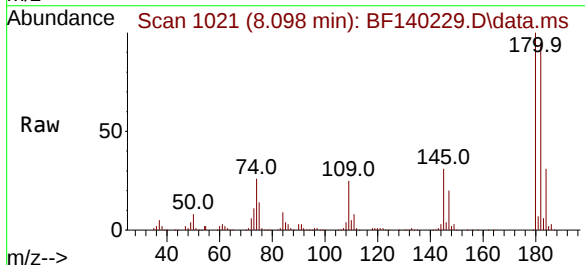
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

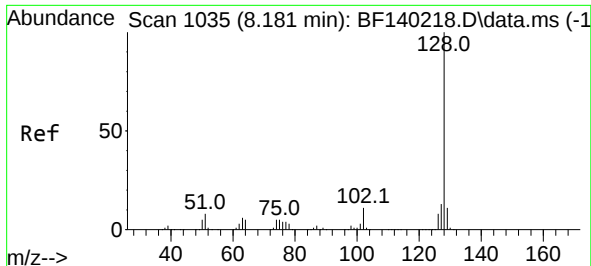
Tgt Ion:162 Resp: 469947  
Ion Ratio Lower Upper  
162 100  
164 67.2 47.0 87.0  
98 38.2 17.9 57.9



#30  
1,2,4-Trichlorobenzene  
Concen: 39.193 ng  
RT: 8.098 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:180 Resp: 574723  
Ion Ratio Lower Upper  
180 100  
182 95.1 76.1 114.1  
145 30.6 25.2 37.8

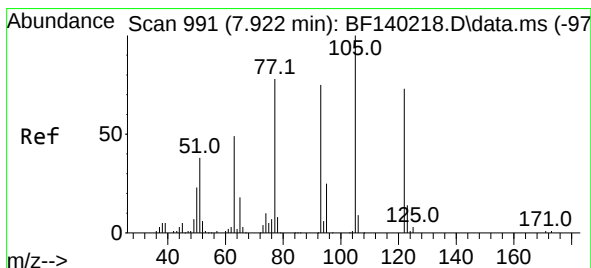
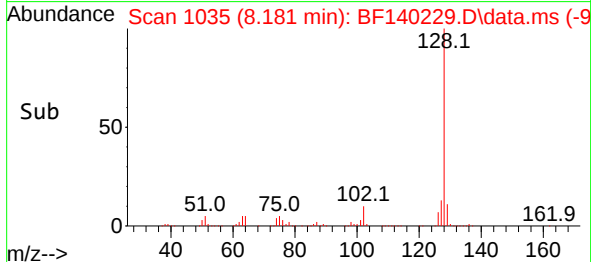
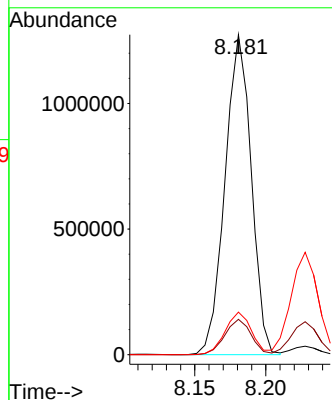
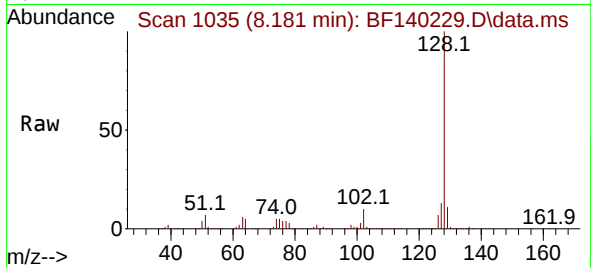




#31  
Naphthalene  
Concen: 38.088 ng  
RT: 8.181 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

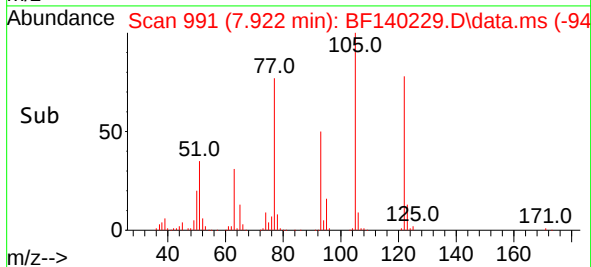
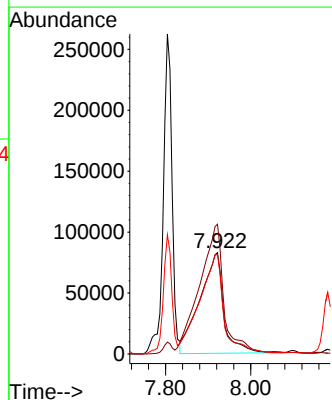
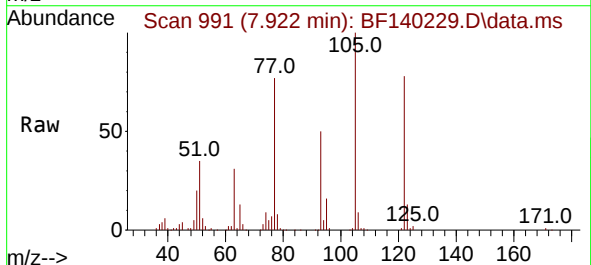
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

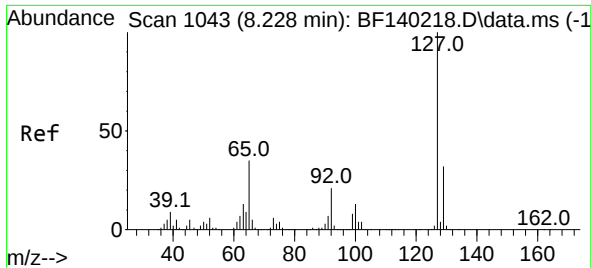
Tgt Ion:128 Resp: 1634890  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.1 13.7  
127 13.3 10.6 16.0



#32  
Benzoic acid  
Concen: 42.868 ng  
RT: 7.922 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:122 Resp: 321909  
Ion Ratio Lower Upper  
122 100  
105 128.0 111.7 151.7  
77 98.3 84.6 124.6

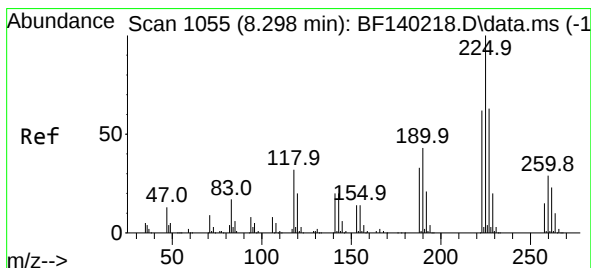
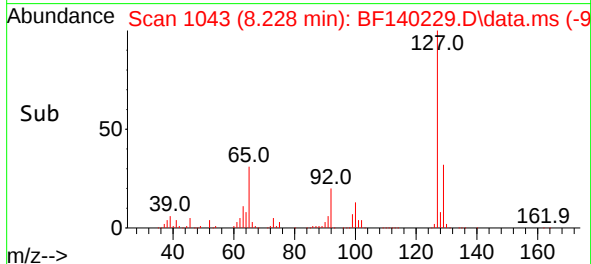
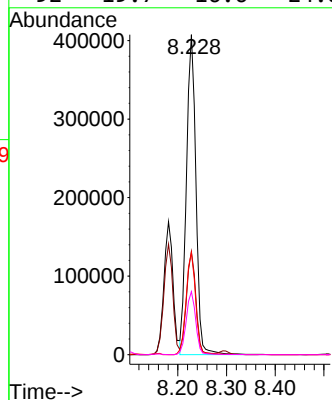
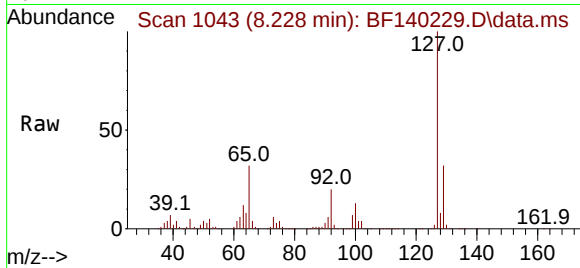




#33  
4-Chloroaniline  
Concen: 38.575 ng  
RT: 8.228 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

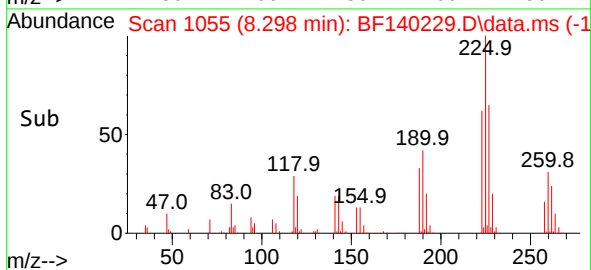
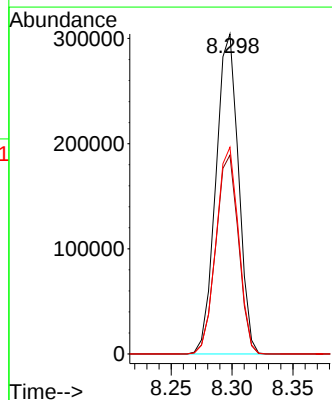
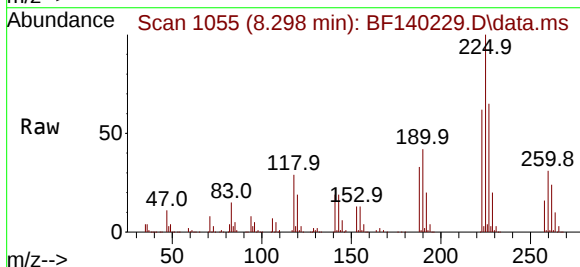
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

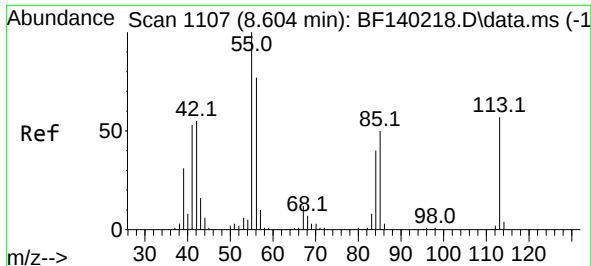
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 548773 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.1  | 39.1   |
| 65       | 32.0  | 28.2  | 42.2   |
| 92       | 19.7  | 16.6  | 24.8   |



#34  
Hexachlorobutadiene  
Concen: 38.619 ng  
RT: 8.298 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 392997 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.2  | 49.9  | 74.9   |
| 227      | 64.6  | 50.3  | 75.5   |

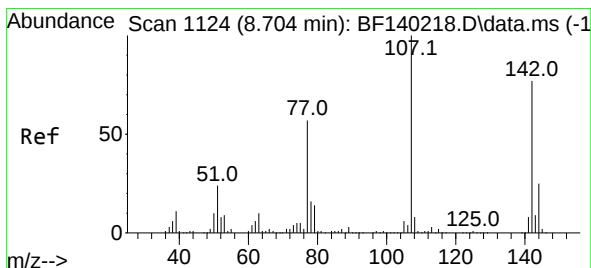
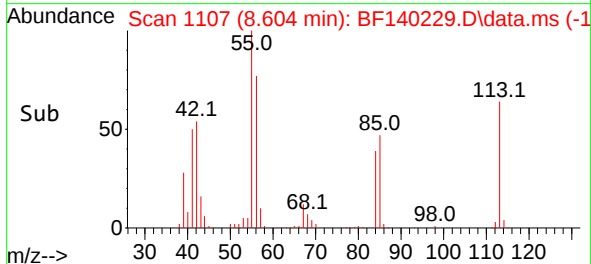
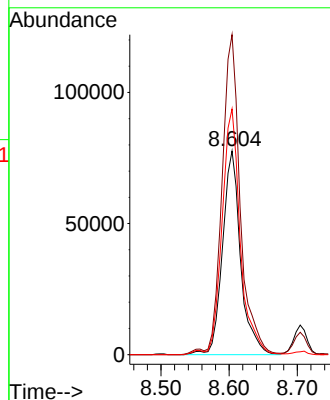
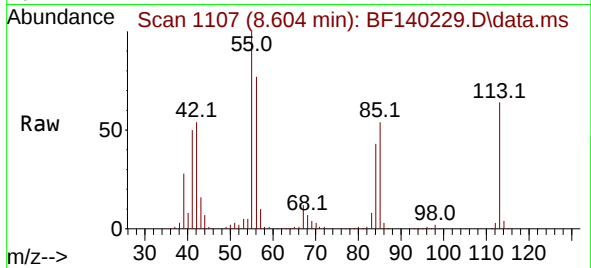




#35  
 Caprolactam  
 Concen: 40.414 ng  
 RT: 8.604 min Scan# 1107  
 Delta R.T. 0.000 min  
 Lab File: BF140229.D  
 Acq: 04 Nov 2024 19:59

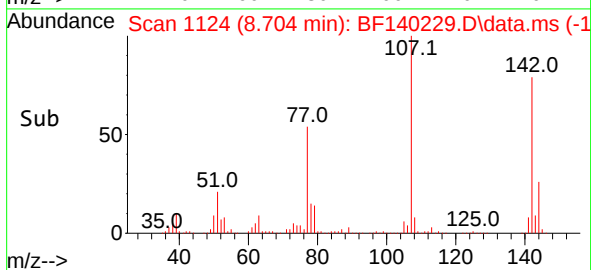
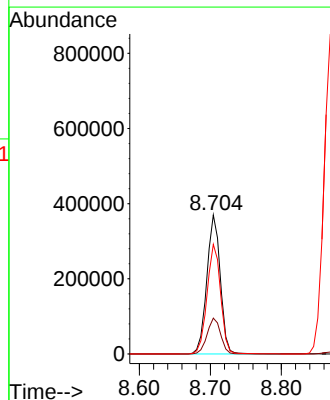
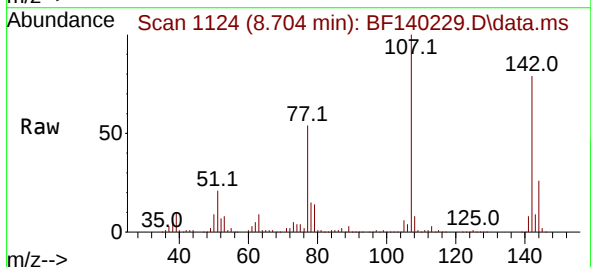
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

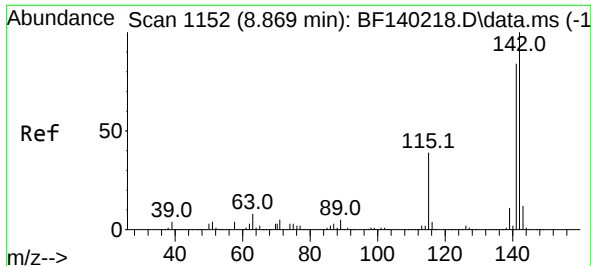
Tgt Ion:113 Resp: 143222  
 Ion Ratio Lower Upper  
 113 100  
 55 157.1 154.9 194.9  
 56 120.6 115.2 155.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 37.623 ng  
 RT: 8.704 min Scan# 1124  
 Delta R.T. 0.000 min  
 Lab File: BF140229.D  
 Acq: 04 Nov 2024 19:59

Tgt Ion:107 Resp: 489340  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 19.8 29.8  
 142 78.9 61.3 91.9

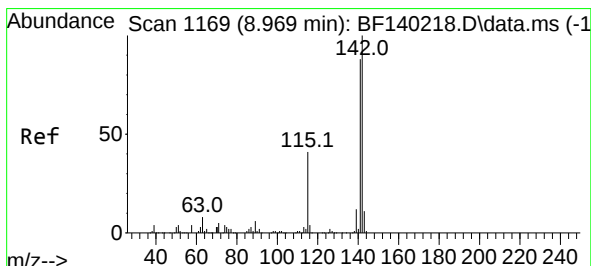
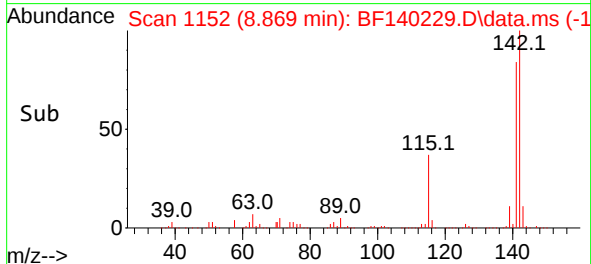
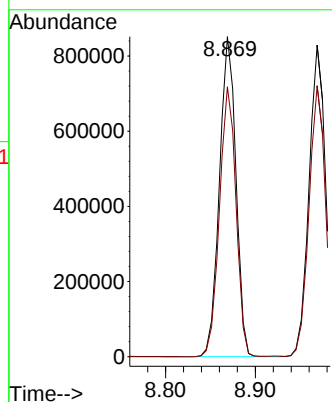
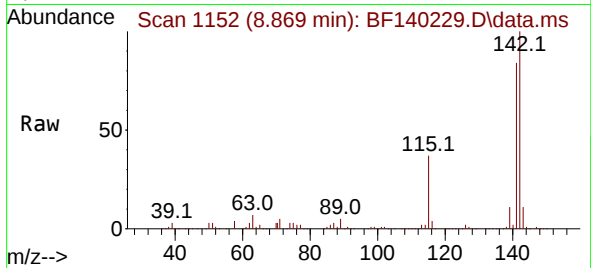




#37  
2-Methylnaphthalene  
Concen: 37.921 ng  
RT: 8.869 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

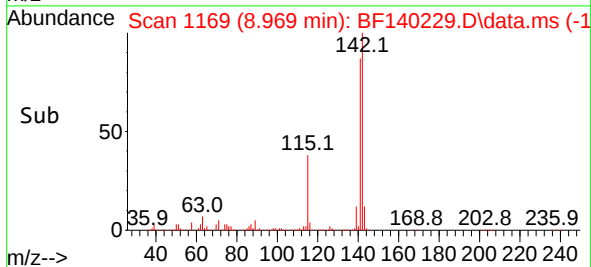
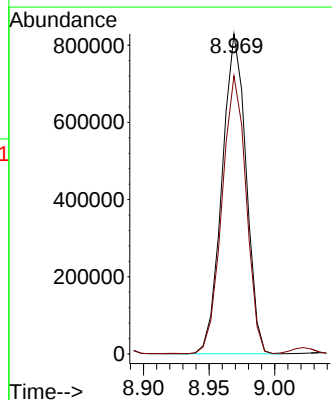
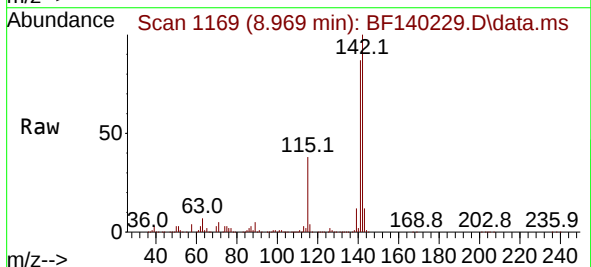
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

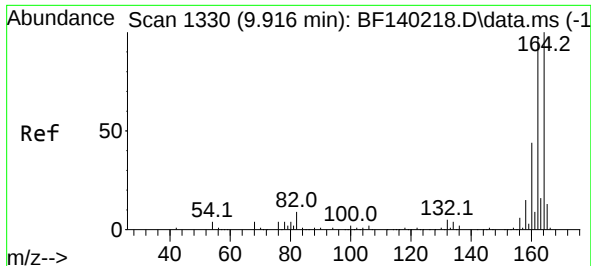
Tgt Ion:142 Resp: 1086247  
Ion Ratio Lower Upper  
142 100  
141 84.4 67.4 101.2



#38  
1-Methylnaphthalene  
Concen: 37.671 ng  
RT: 8.969 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:142 Resp: 1056246  
Ion Ratio Lower Upper  
142 100  
141 87.0 70.6 106.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

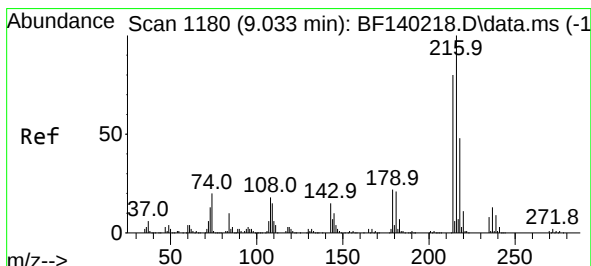
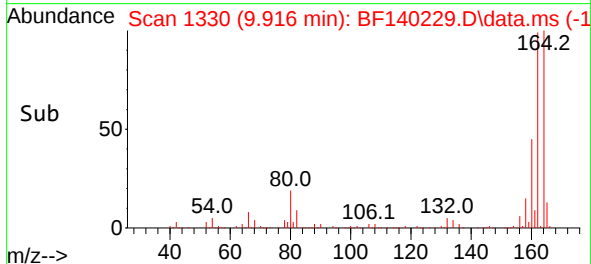
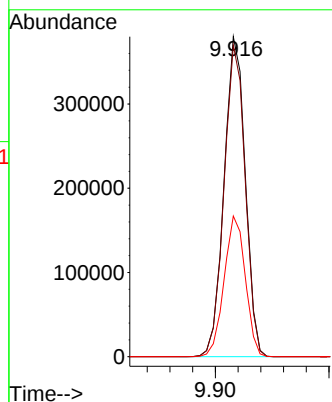
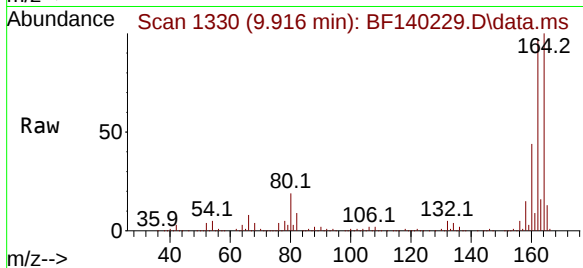
Tgt Ion:164 Resp: 492477

Ion Ratio Lower Upper

164 100

162 97.4 78.5 117.7

160 43.9 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.878 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Tgt Ion:216 Resp: 590951

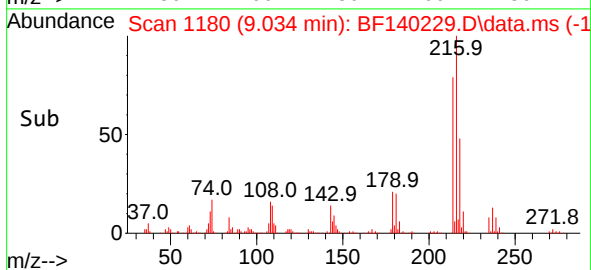
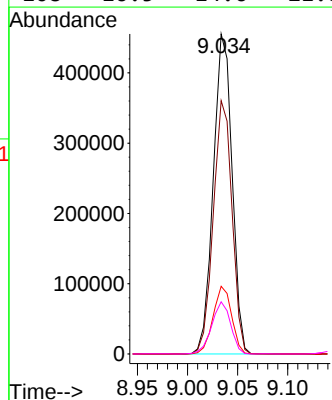
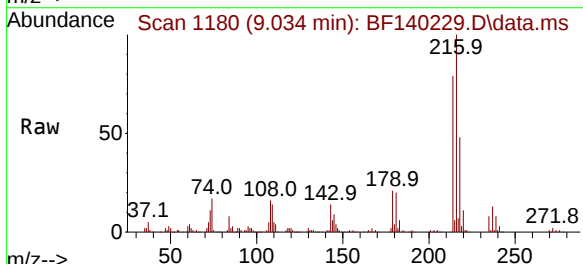
Ion Ratio Lower Upper

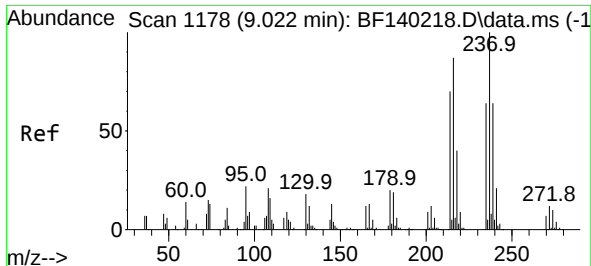
216 100

214 78.9 63.3 94.9

179 20.9 17.2 25.8

108 16.5 14.6 21.8

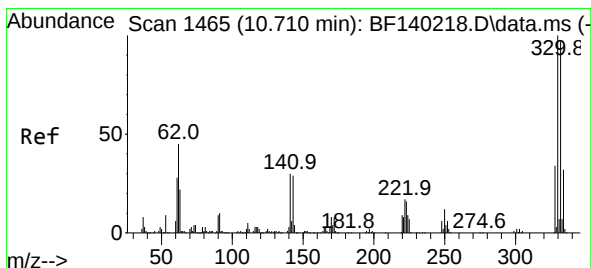
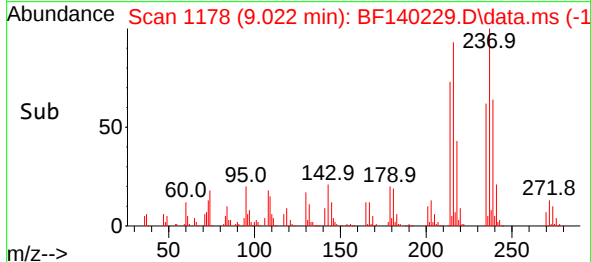
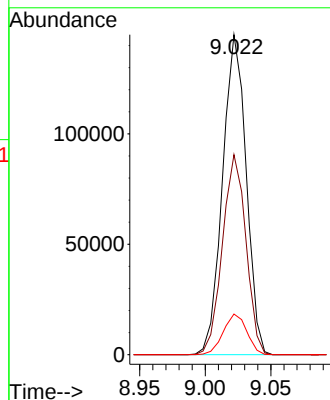
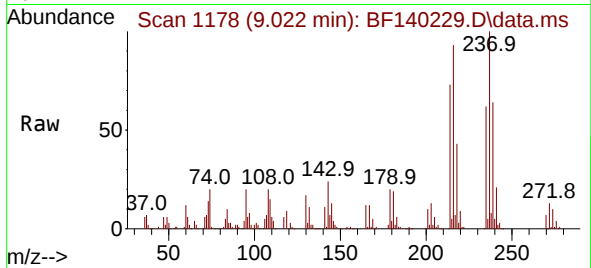




#41  
Hexachlorocyclopentadiene  
Concen: 43.491 ng  
RT: 9.022 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

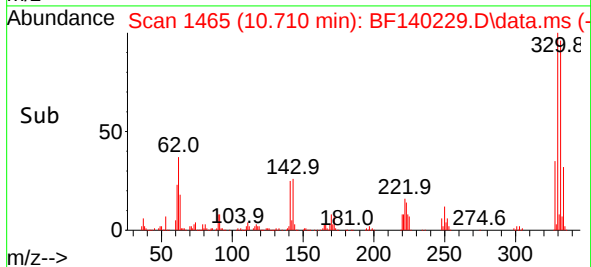
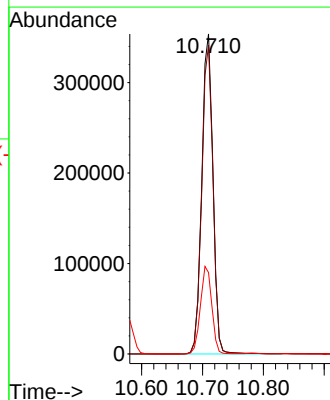
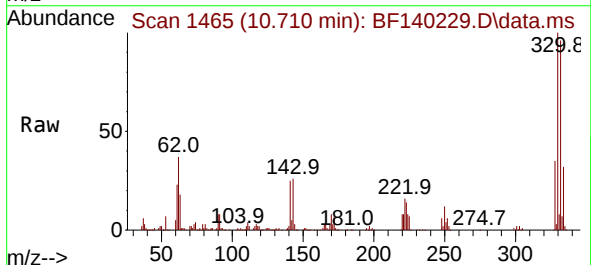
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

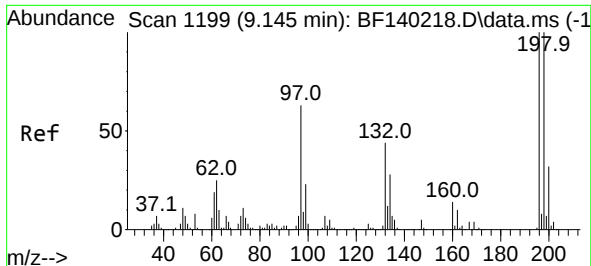
Tgt Ion:237 Resp: 181304  
Ion Ratio Lower Upper  
237 100  
235 62.5 43.7 83.7  
272 12.7 0.0 32.2



#42  
2,4,6-Tribromophenol  
Concen: 83.203 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:330 Resp: 451793  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.7 116.5  
141 27.9 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 40.505 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

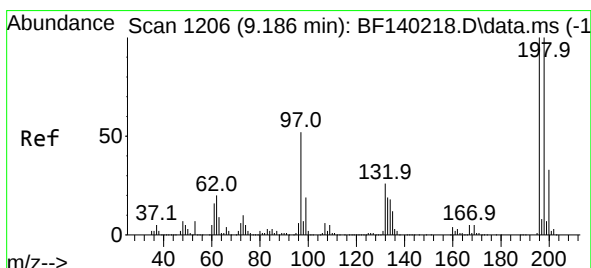
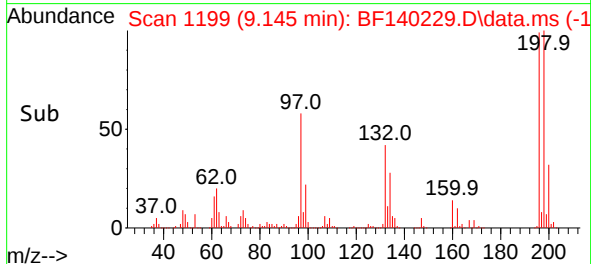
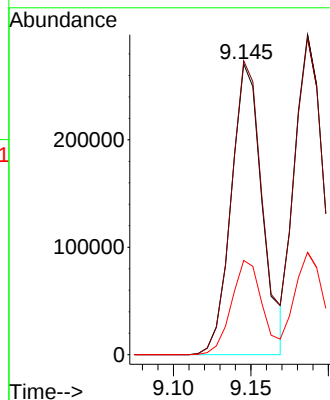
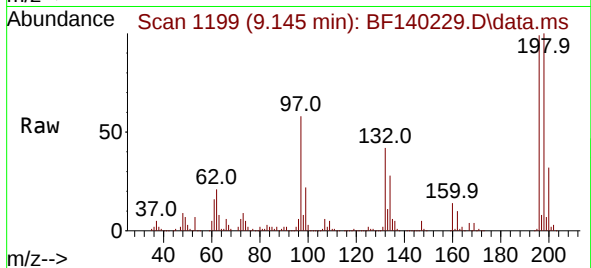
Tgt Ion:196 Resp: 375956

Ion Ratio Lower Upper

196 100

198 101.1 79.9 119.9

200 32.4 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 39.390 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Tgt Ion:196 Resp: 381992

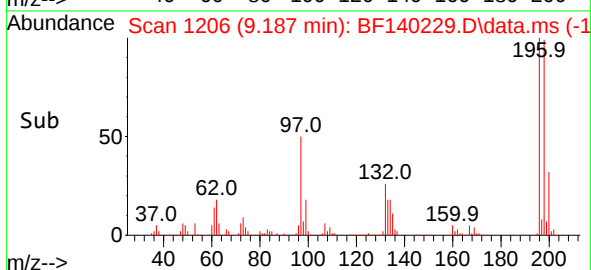
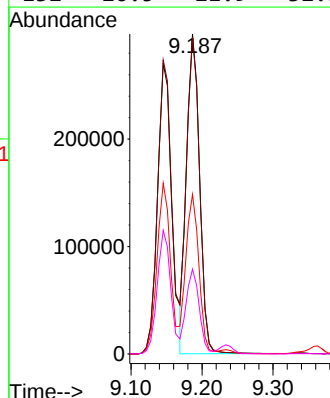
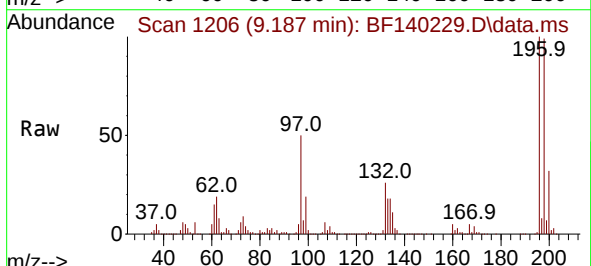
Ion Ratio Lower Upper

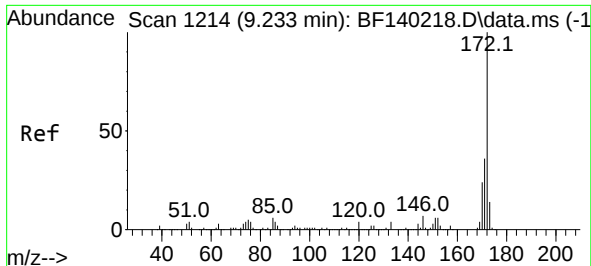
196 100

198 99.1 80.1 120.1

97 49.9 43.4 65.2

132 26.5 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 74.327 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

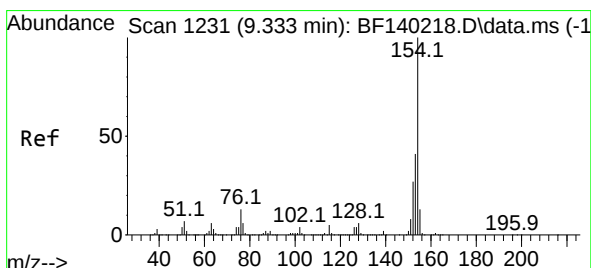
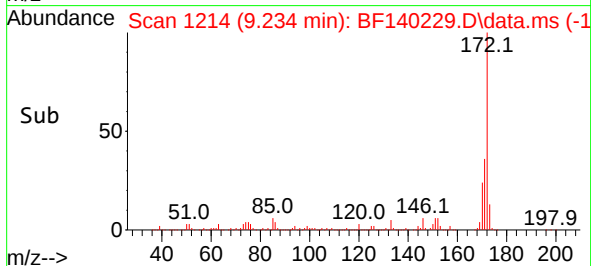
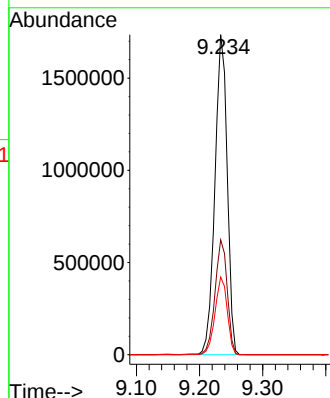
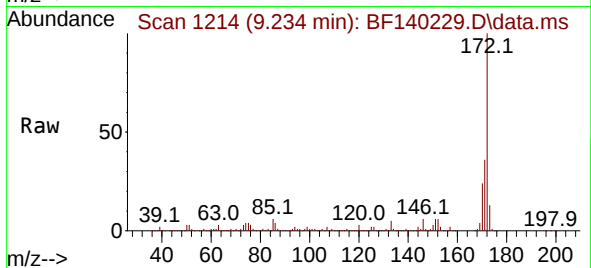
Tgt Ion:172 Resp: 2341847

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 24.2 19.2 28.8



#46

1,1'-Biphenyl

Concen: 37.829 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

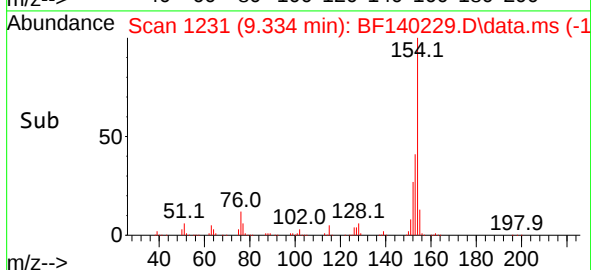
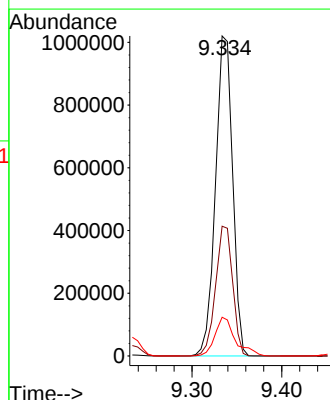
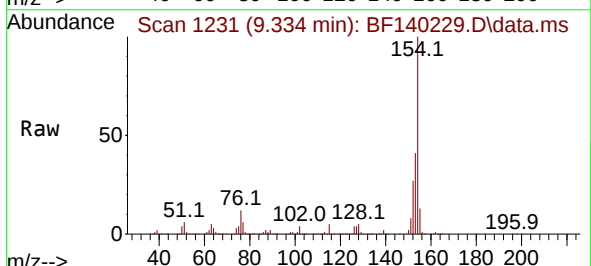
Tgt Ion:154 Resp: 1352252

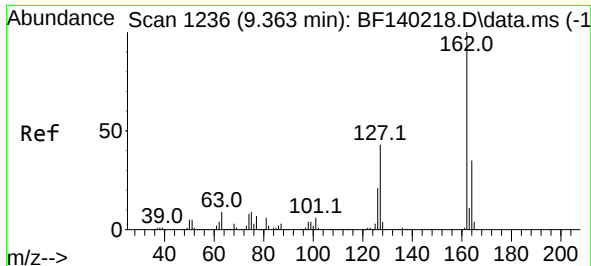
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

76 12.1 0.0 32.7





#47

2-Chloronaphthalene

Concen: 38.573 ng

RT: 9.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

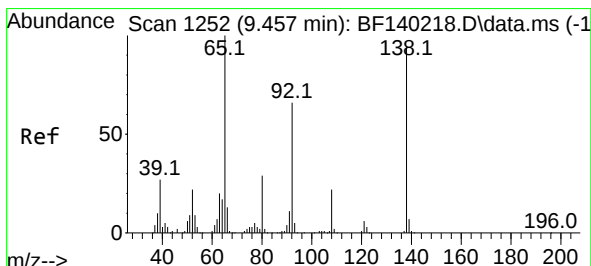
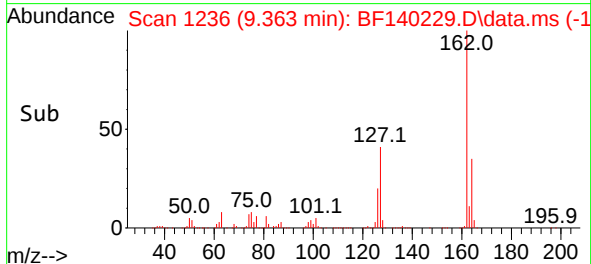
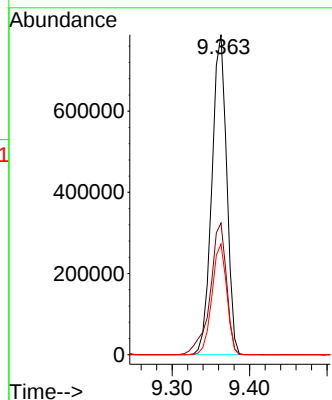
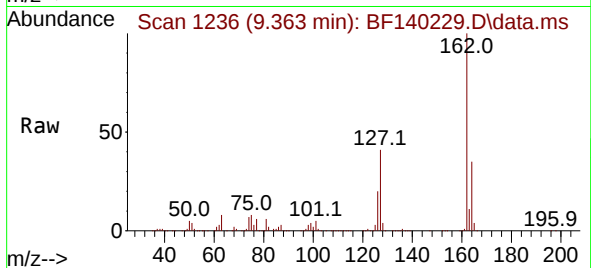
Tgt Ion:162 Resp: 1046215

Ion Ratio Lower Upper

162 100

127 41.1 34.2 51.2

164 34.6 27.7 41.5



#48

2-Nitroaniline

Concen: 36.592 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

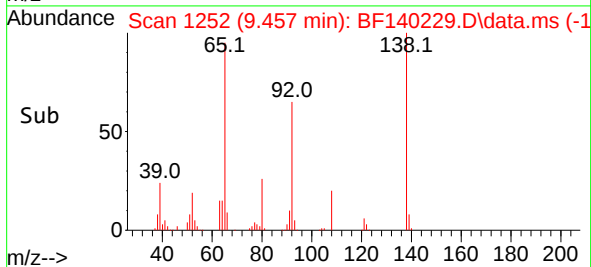
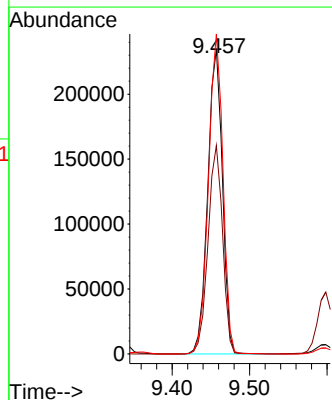
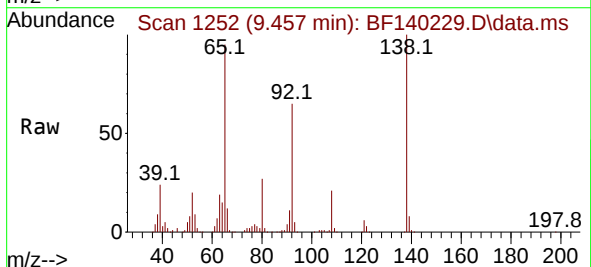
Tgt Ion: 65 Resp: 308495

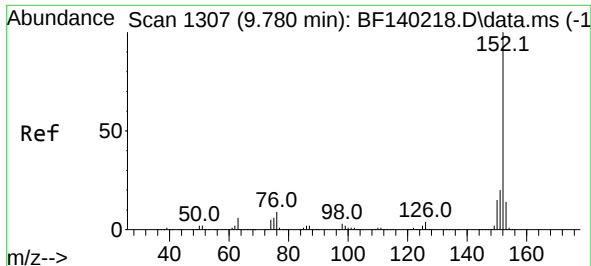
Ion Ratio Lower Upper

65 100

92 68.4 52.5 78.7

138 105.0 75.4 113.0





#49

Acenaphthylene

Concen: 38.495 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

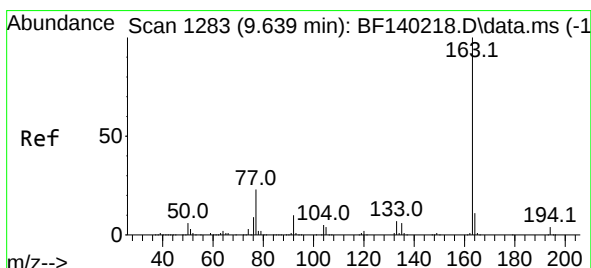
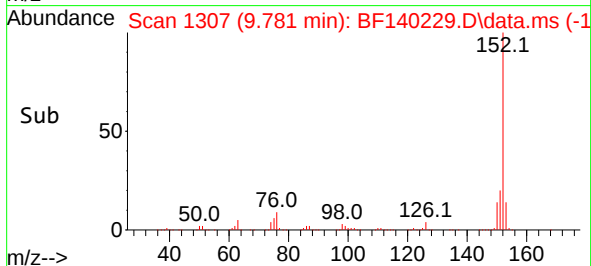
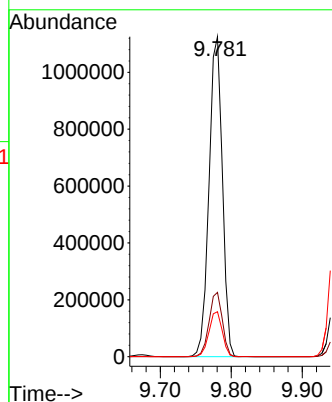
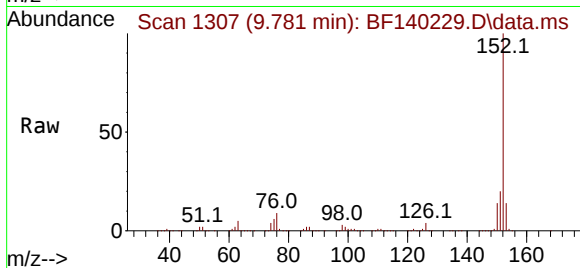
Tgt Ion:152 Resp: 1469488

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 14.0 11.3 16.9



#50

Dimethylphthalate

Concen: 38.580 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

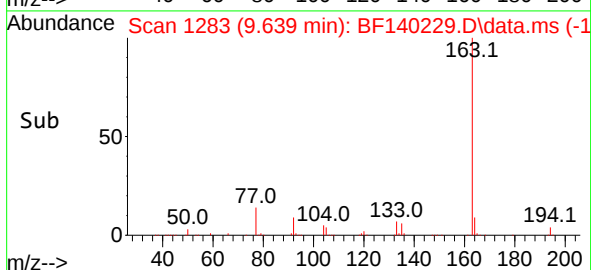
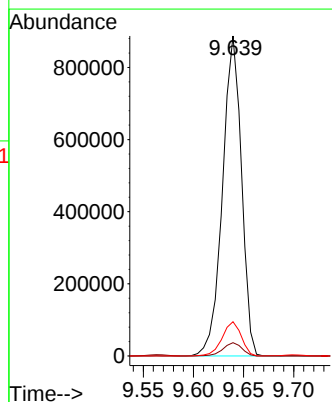
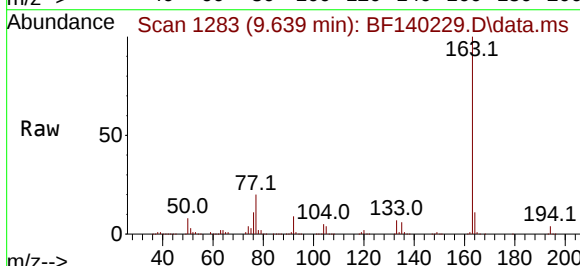
Tgt Ion:163 Resp: 1165145

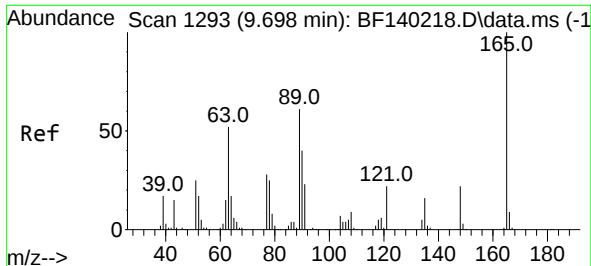
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.7 8.6 12.8

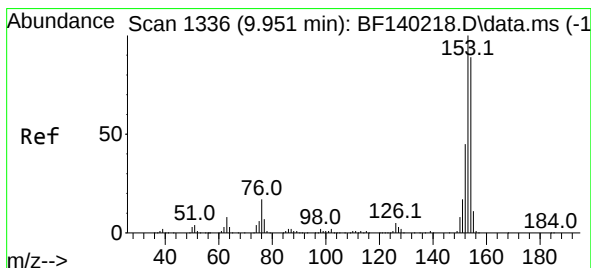
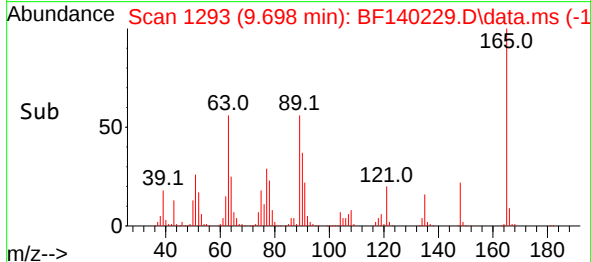
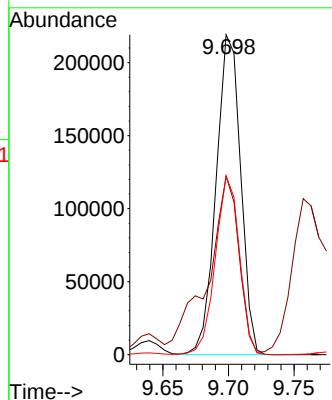
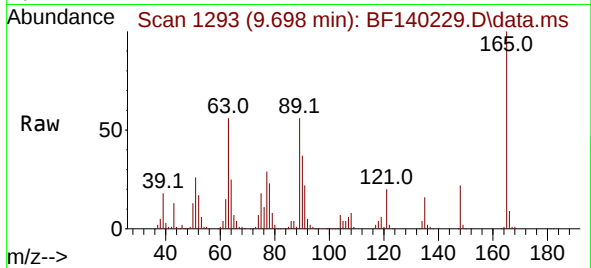




#51  
2,6-Dinitrotoluene  
Concen: 39.573 ng  
RT: 9.698 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

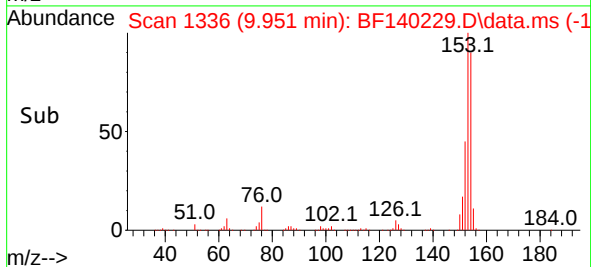
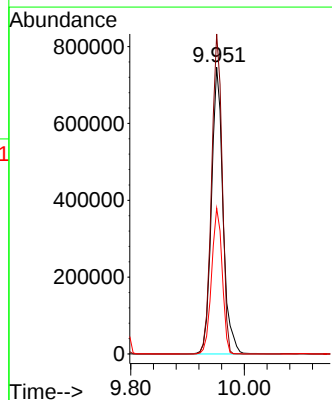
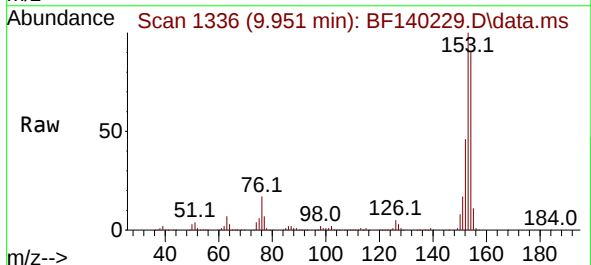
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

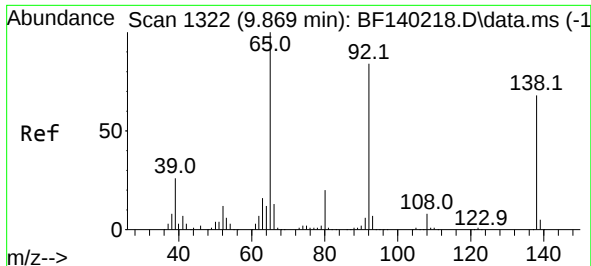
Tgt Ion:165 Resp: 284796  
Ion Ratio Lower Upper  
165 100  
63 55.8 50.7 76.1  
89 55.9 49.2 73.8



#52  
Acenaphthene  
Concen: 38.434 ng  
RT: 9.951 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:154 Resp: 1045767  
Ion Ratio Lower Upper  
154 100  
153 111.6 90.4 135.6  
152 50.8 41.0 61.6

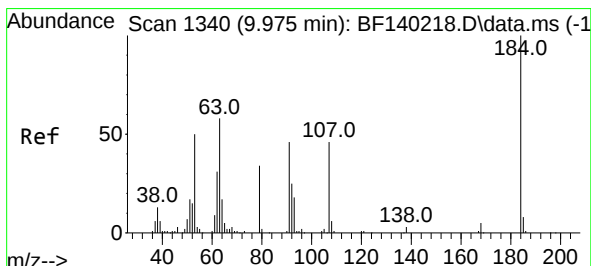
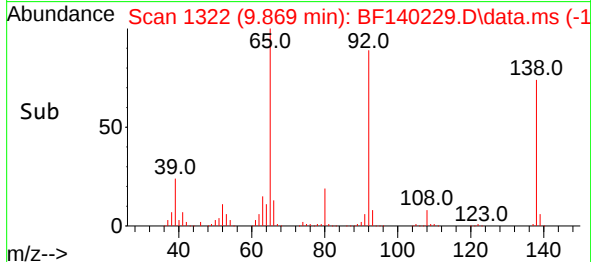
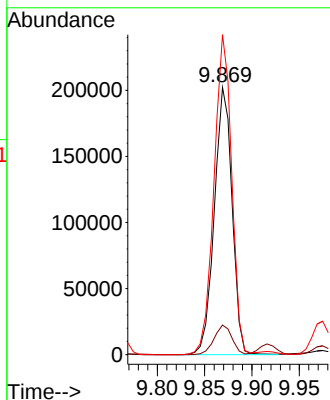
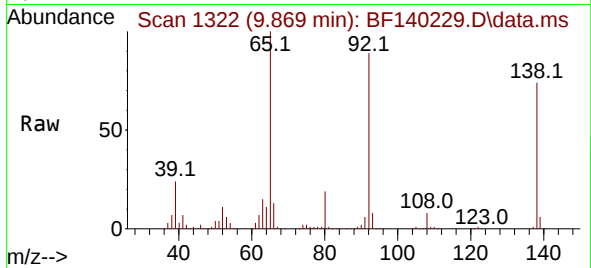




#53  
3-Nitroaniline  
Concen: 40.319 ng  
RT: 9.869 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

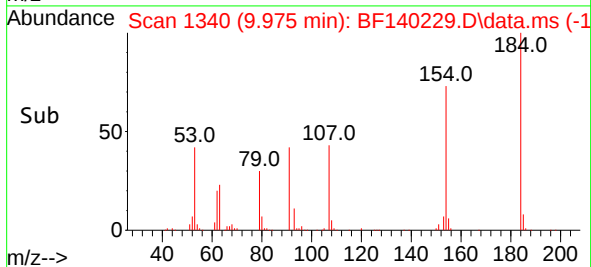
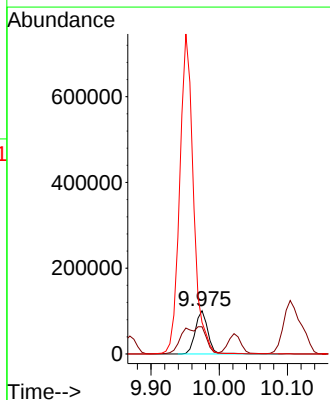
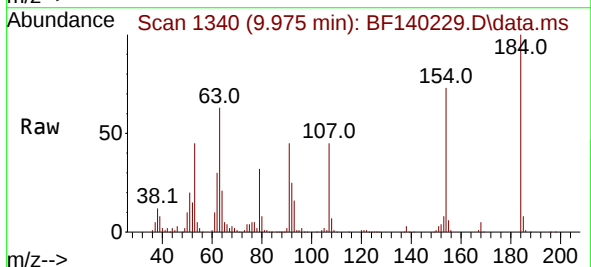
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

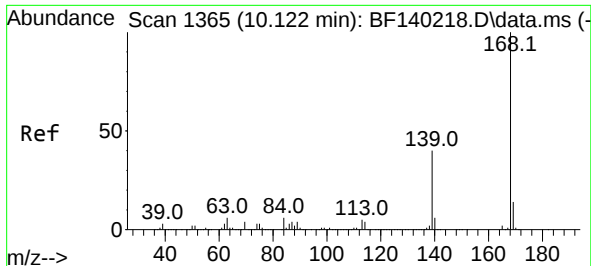
Tgt Ion:138 Resp: 264774  
Ion Ratio Lower Upper  
138 100  
108 11.1 9.0 13.4  
92 119.7 99.6 149.4



#54  
2,4-Dinitrophenol  
Concen: 39.052 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:184 Resp: 128579  
Ion Ratio Lower Upper  
184 100  
63 62.9 55.0 82.4  
154 73.0 58.6 87.8

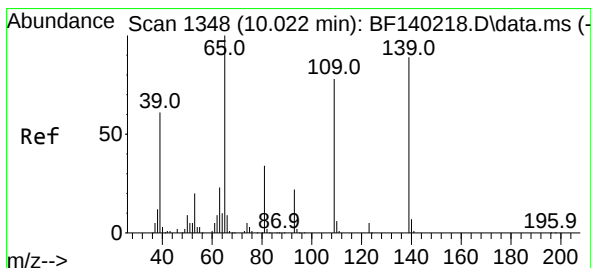
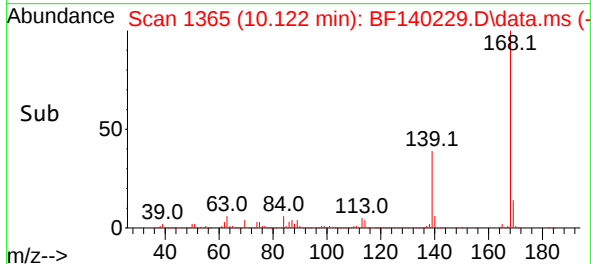
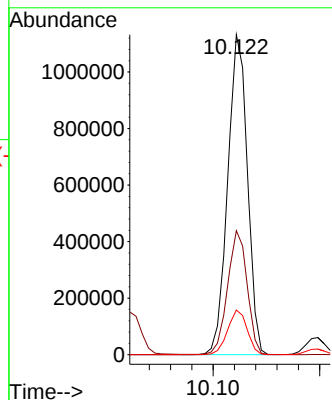
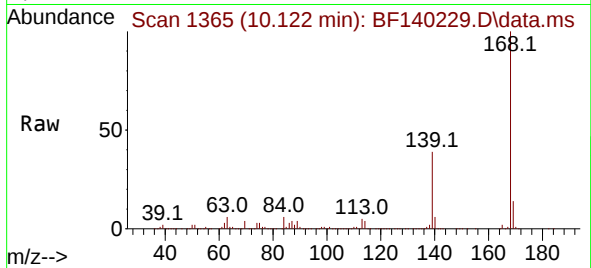




#55  
Dibenzofuran  
Concen: 37.857 ng  
RT: 10.122 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

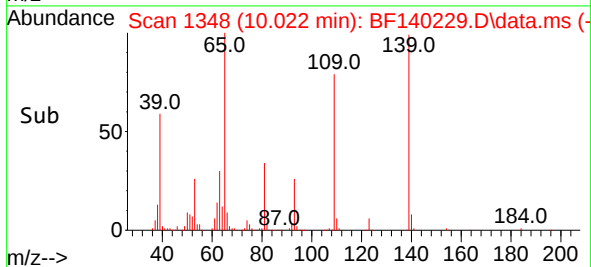
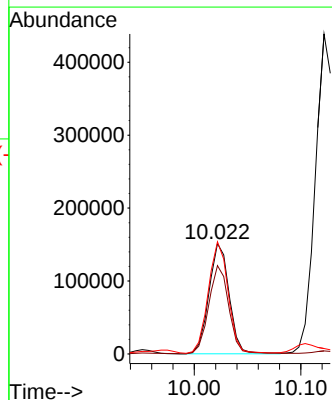
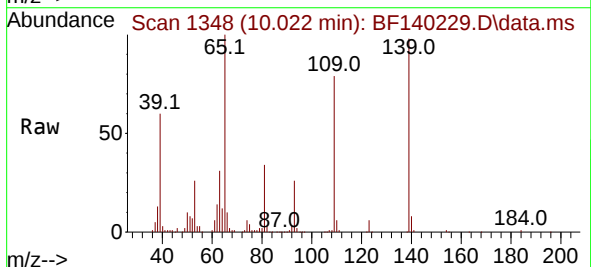
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

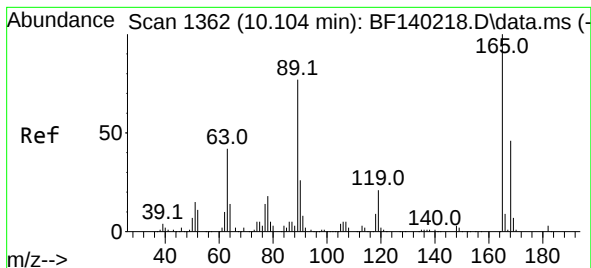
Tgt Ion:168 Resp: 1455005  
Ion Ratio Lower Upper  
168 100  
139 38.8 32.0 48.0  
169 13.9 11.0 16.4



#56  
4-Nitrophenol  
Concen: 41.151 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:139 Resp: 199962  
Ion Ratio Lower Upper  
139 100  
109 80.1 68.1 108.1  
65 101.6 93.8 133.8

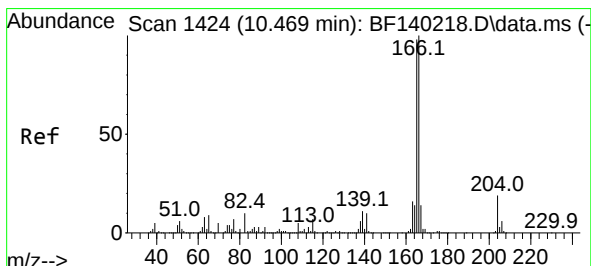
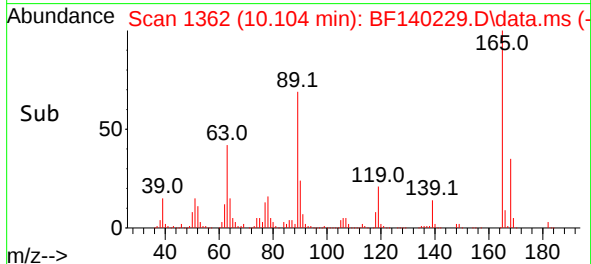
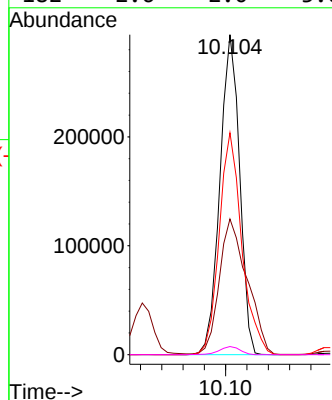
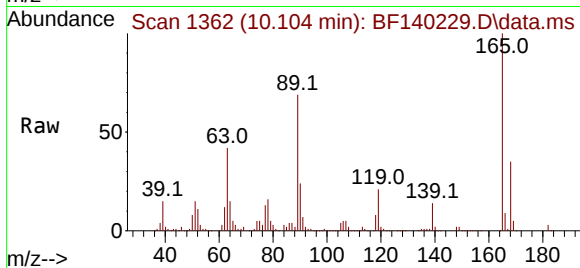




#57  
2,4-Dinitrotoluene  
Concen: 39.977 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

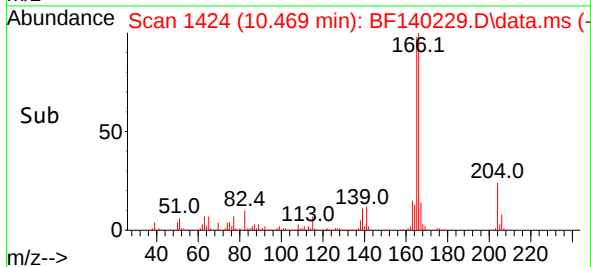
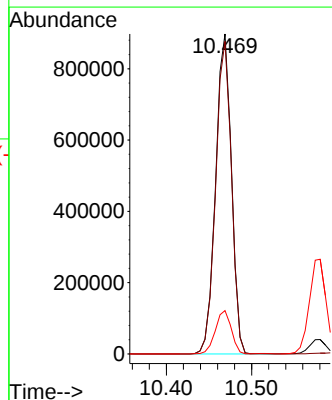
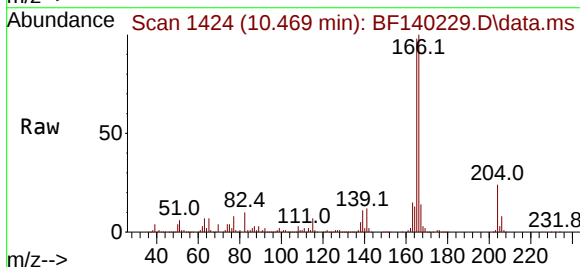
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

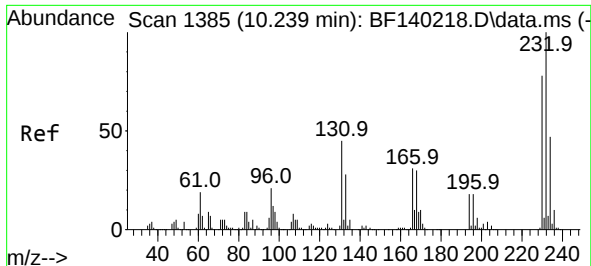
Tgt Ion:165 Resp: 376627  
Ion Ratio Lower Upper  
165 100  
63 42.4 39.7 59.5  
89 69.4 61.4 92.0  
182 2.6 2.0 3.0



#58  
Fluorene  
Concen: 37.640 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:166 Resp: 1156887  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.6 117.8  
167 13.6 10.9 16.3

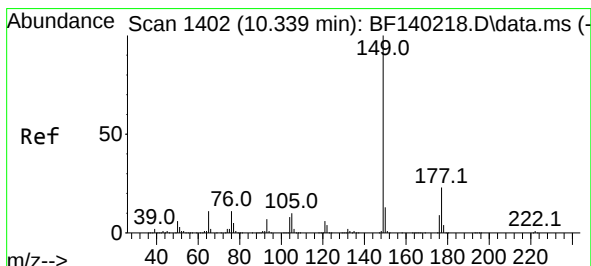
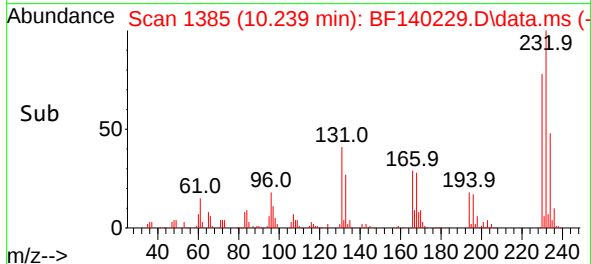
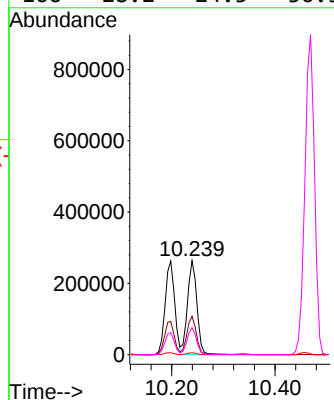
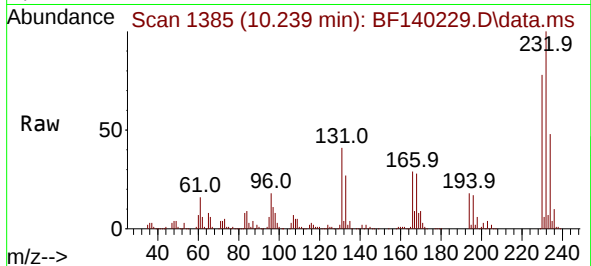




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.805 ng  
RT: 10.239 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

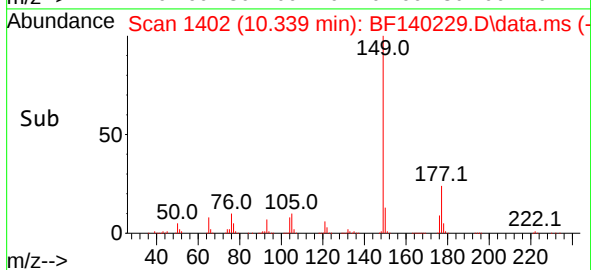
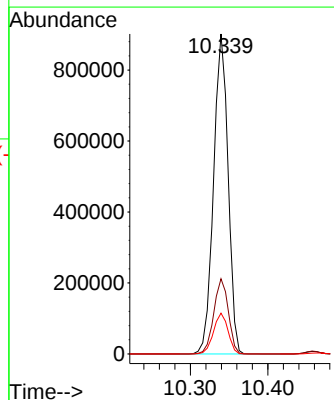
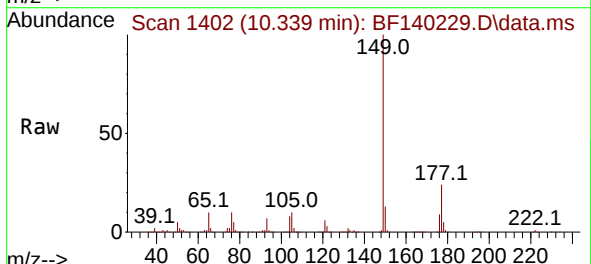
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

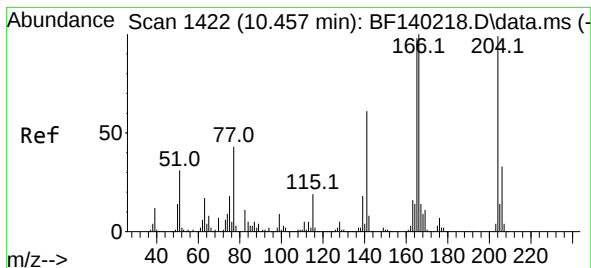
Tgt Ion:232 Resp: 335890  
Ion Ratio Lower Upper  
232 100  
131 40.6 35.4 53.2  
130 2.1 1.8 2.8  
166 28.2 24.3 36.5



#60  
Diethylphthalate  
Concen: 38.081 ng  
RT: 10.339 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:149 Resp: 1171591  
Ion Ratio Lower Upper  
149 100  
177 23.5 18.2 27.2  
150 12.7 10.2 15.2

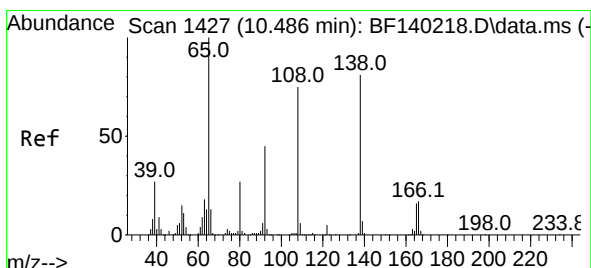
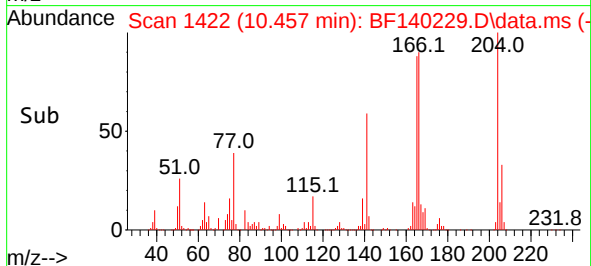
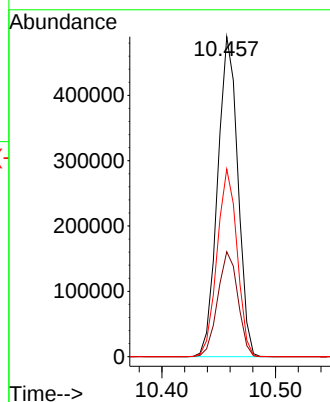
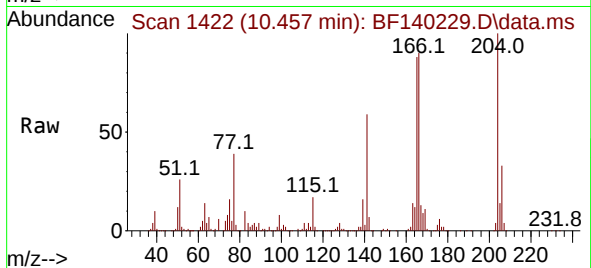




#61  
4-Chlorophenyl-phenylether  
Concen: 38.285 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

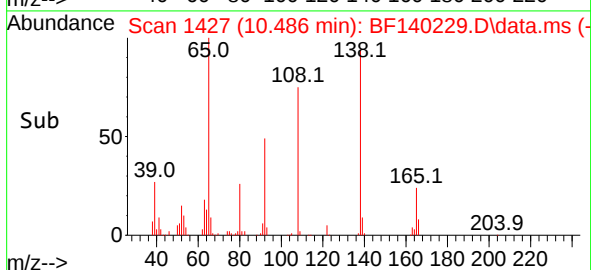
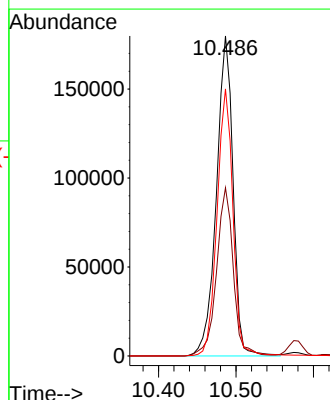
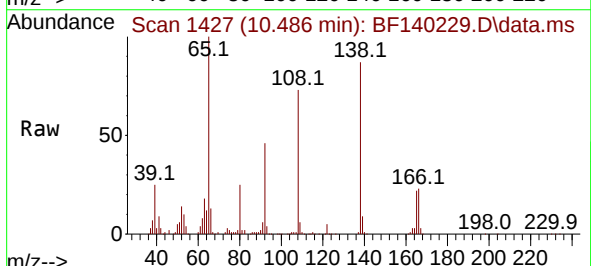
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

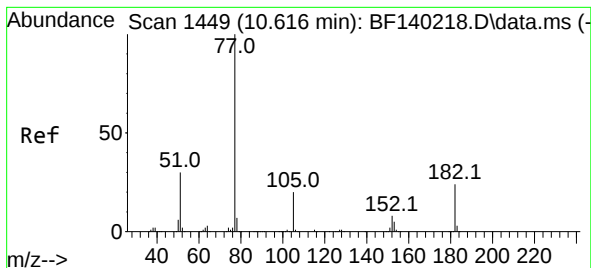
Tgt Ion:204 Resp: 605483  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.5 39.7  
141 58.7 49.3 73.9



#62  
4-Nitroaniline  
Concen: 40.235 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:138 Resp: 268613  
Ion Ratio Lower Upper  
138 100  
92 52.5 35.3 75.3  
108 83.5 73.1 113.1





#63

Azobenzene

Concen: 35.552 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1109120

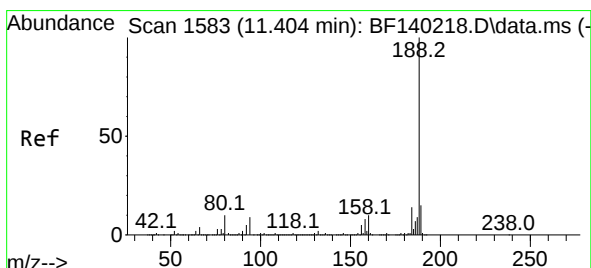
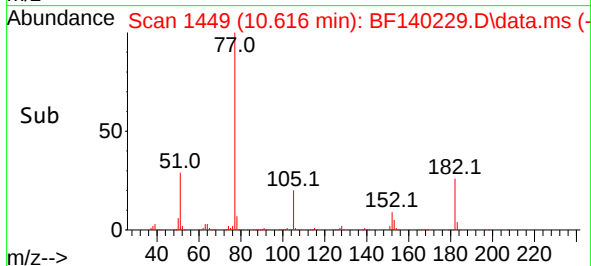
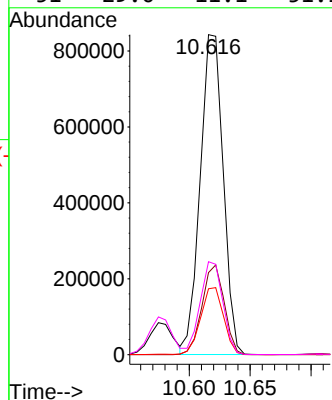
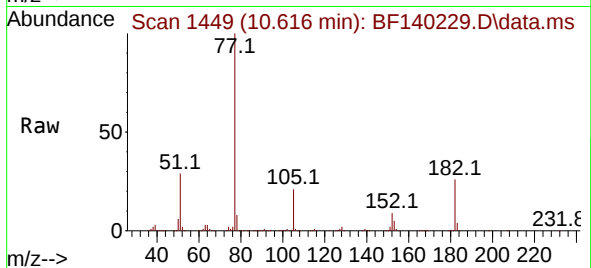
Ion Ratio Lower Upper

77 100

182 25.6 4.0 44.0

105 20.6 0.0 39.5

51 29.0 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

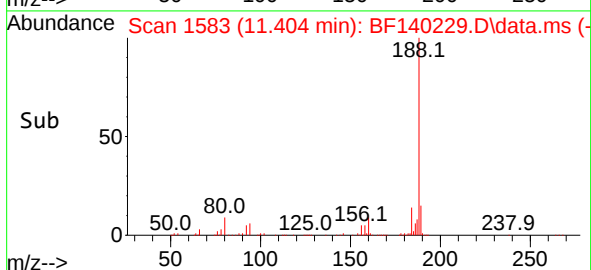
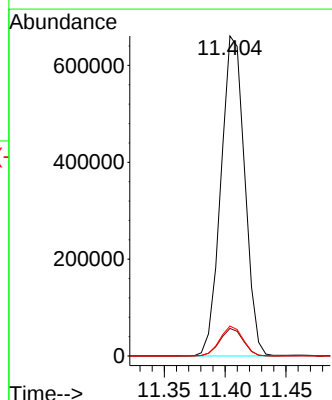
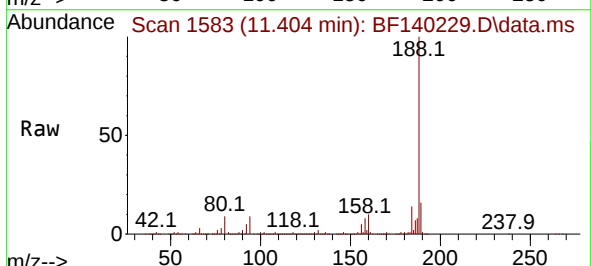
Tgt Ion: 188 Resp: 896517

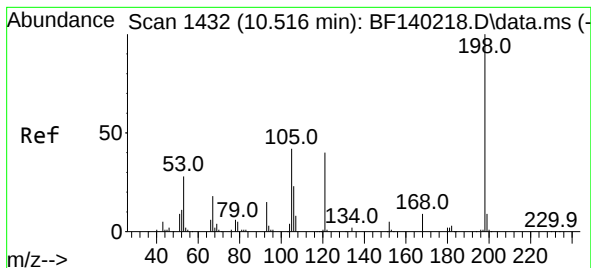
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.4 7.9 11.9

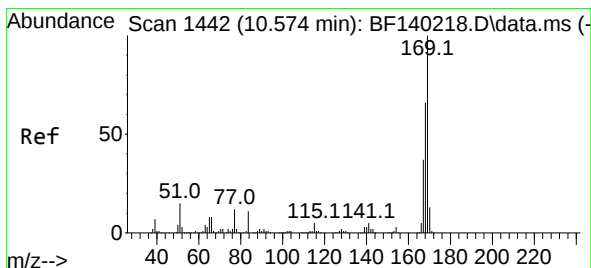
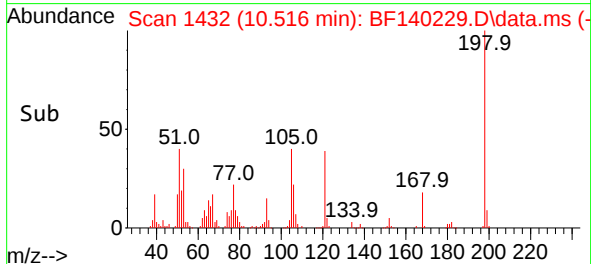
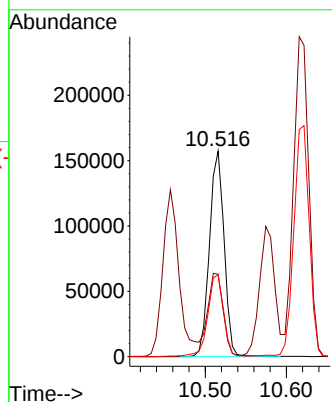
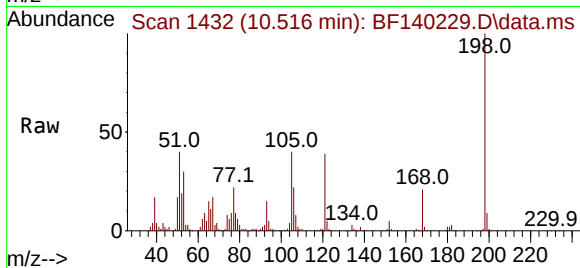




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.986 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

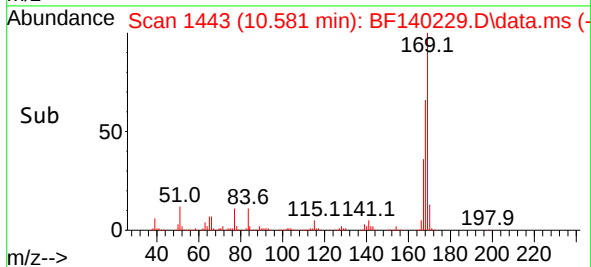
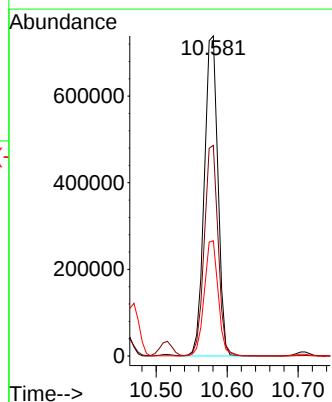
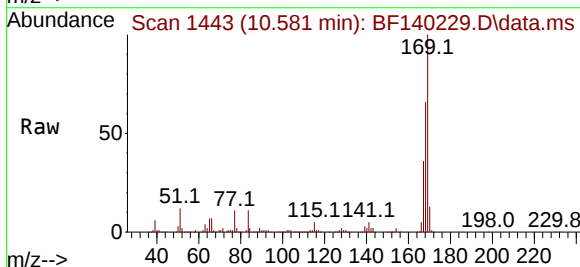
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

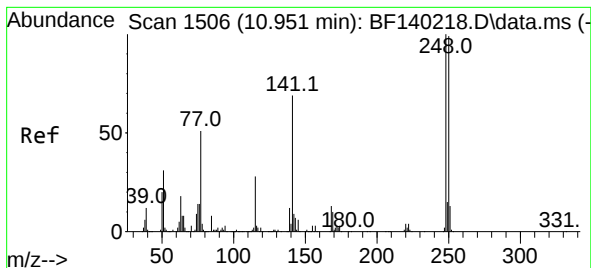
Tgt Ion:198 Resp: 197088  
Ion Ratio Lower Upper  
198 100  
51 40.1 25.4 65.4  
105 39.9 22.3 62.3



#66  
n-Nitrosodiphenylamine  
Concen: 38.253 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:169 Resp: 987822  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.0 79.4  
167 36.0 29.3 43.9

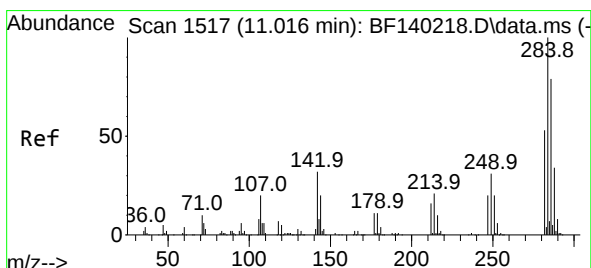
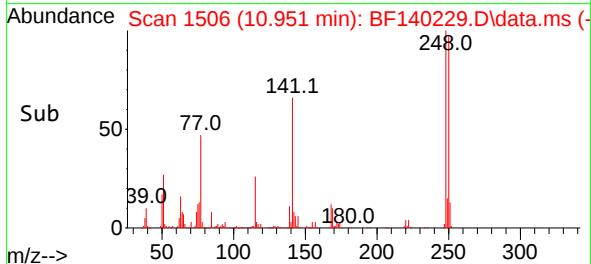
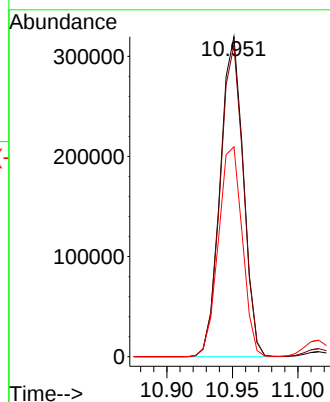
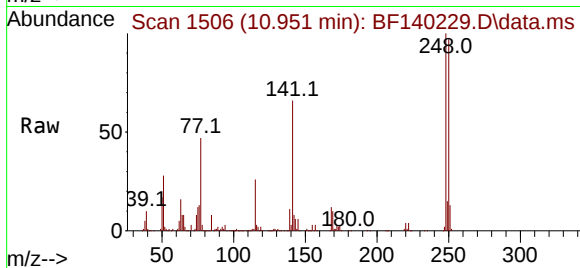




#67  
4-Bromophenyl-phenylether  
Concen: 38.896 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

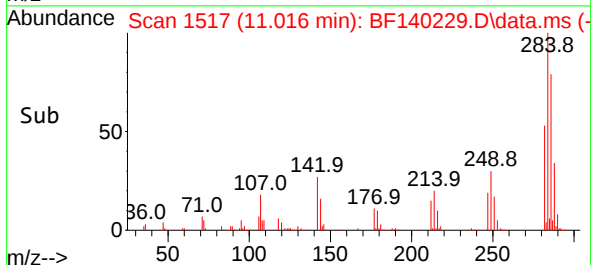
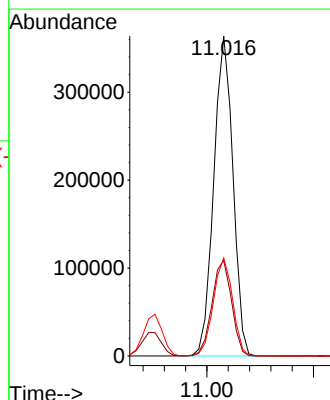
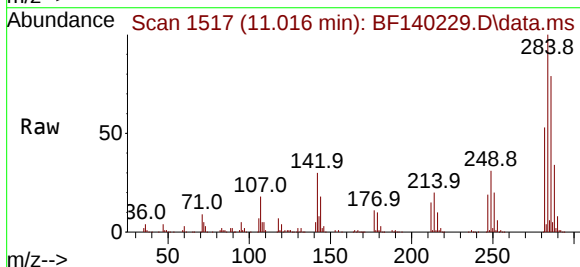
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

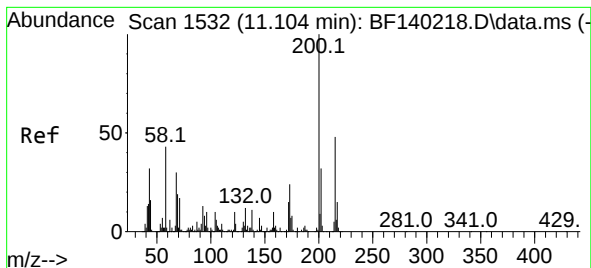
Tgt Ion:248 Resp: 392701  
Ion Ratio Lower Upper  
248 100  
250 97.3 79.0 118.4  
141 65.6 55.0 82.6



#68  
Hexachlorobenzene  
Concen: 39.871 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:284 Resp: 454292  
Ion Ratio Lower Upper  
284 100  
142 29.9 26.2 39.2  
249 30.7 25.4 38.0





#69

Atrazine

Concen: 33.455 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

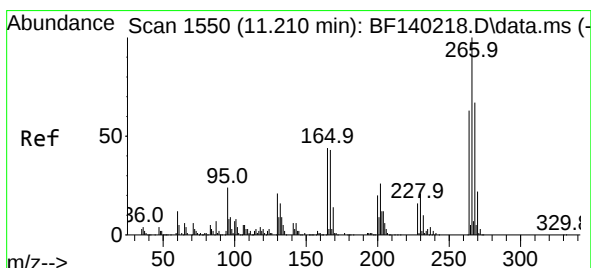
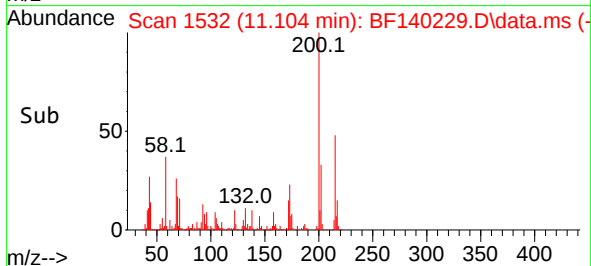
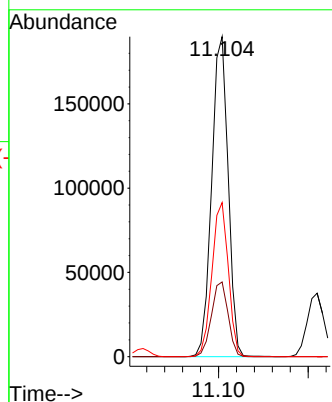
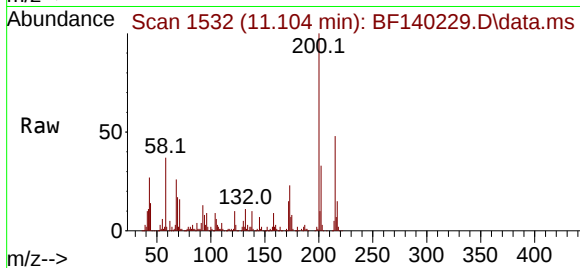
Tgt Ion:200 Resp: 241692

Ion Ratio Lower Upper

200 100

173 23.4 3.9 43.9

215 48.1 27.6 67.6



#70

Pentachlorophenol

Concen: 43.729 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

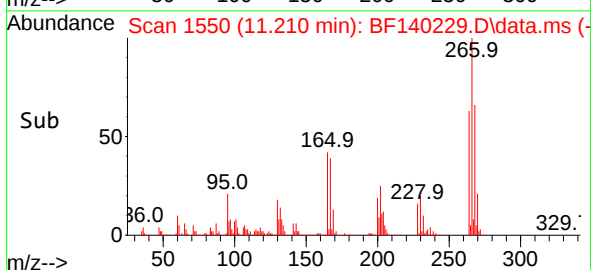
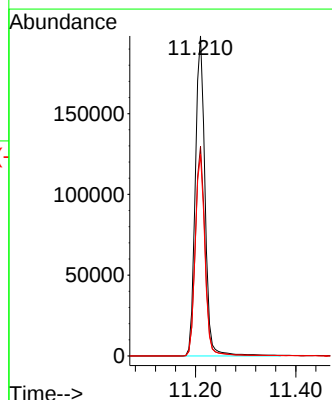
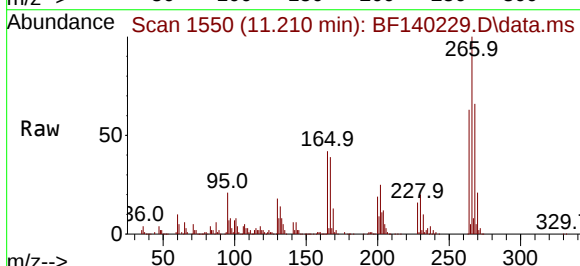
Tgt Ion:266 Resp: 265342

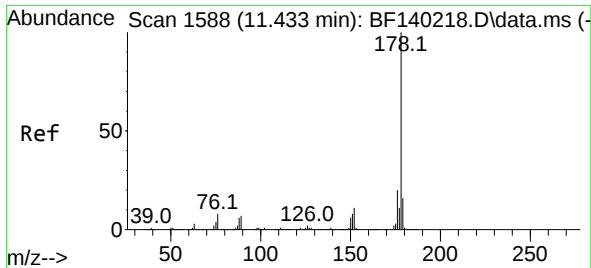
Ion Ratio Lower Upper

266 100

268 65.5 53.9 80.9

264 63.0 50.3 75.5

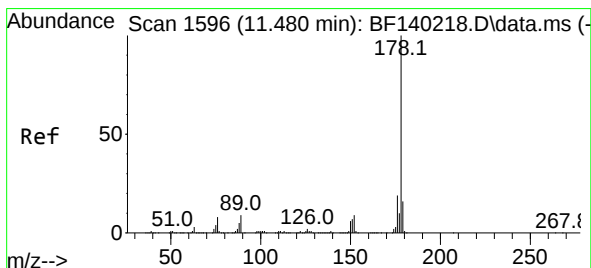
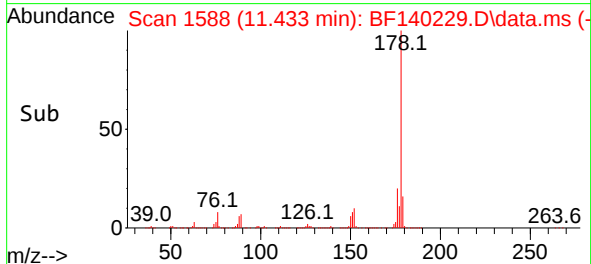
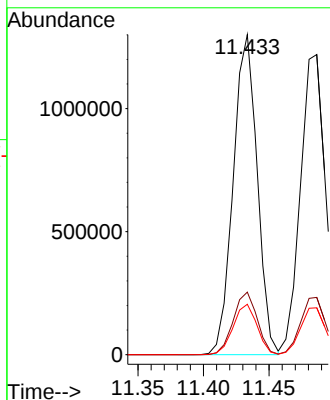
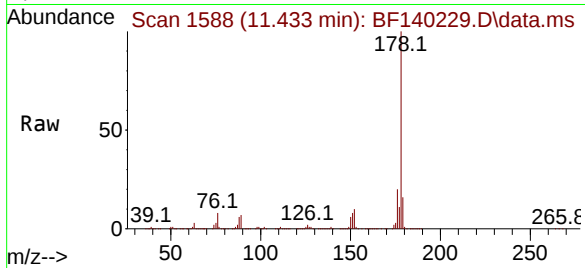




#71  
Phenanthrene  
Concen: 37.917 ng  
RT: 11.433 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

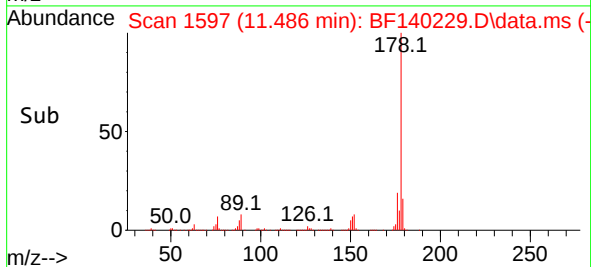
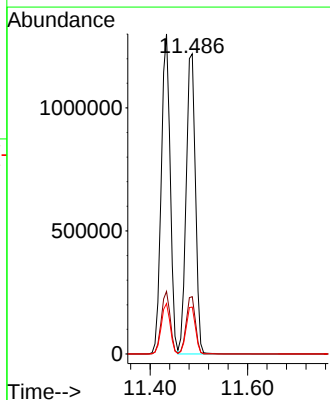
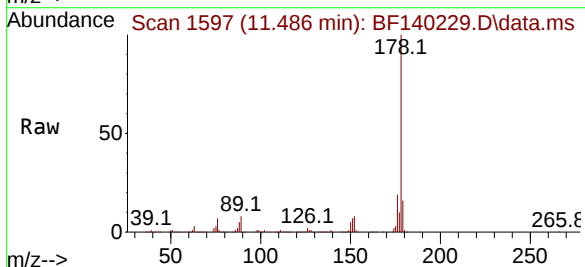
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

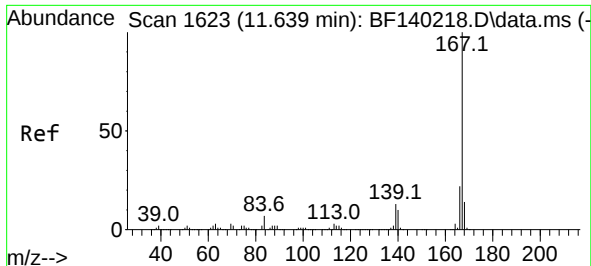
Tgt Ion:178 Resp: 1652455  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.7 12.6 18.8



#72  
Anthracene  
Concen: 37.669 ng  
RT: 11.486 min Scan# 1597  
Delta R.T. 0.006 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:178 Resp: 1608841  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.3 22.9  
179 15.6 12.6 19.0

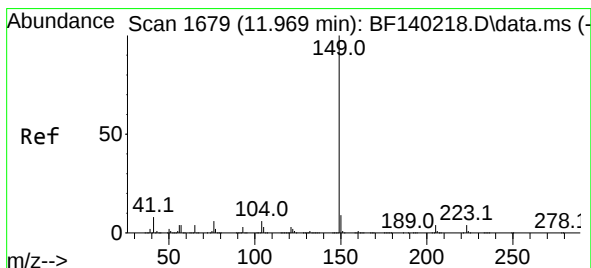
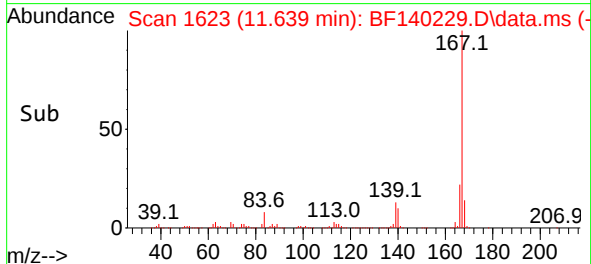
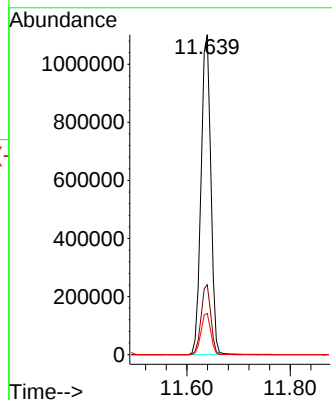
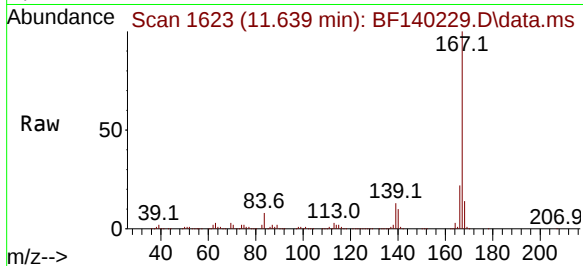




#73  
 Carbazole  
 Concen: 37.435 ng  
 RT: 11.639 min Scan# 1623  
 Delta R.T. 0.000 min  
 Lab File: BF140229.D  
 Acq: 04 Nov 2024 19:59

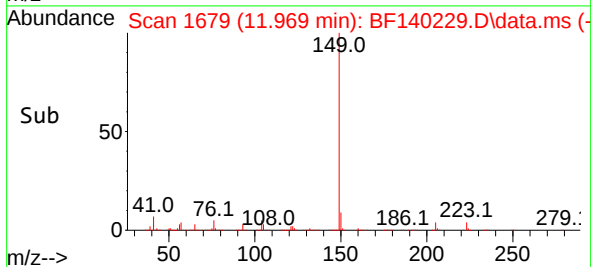
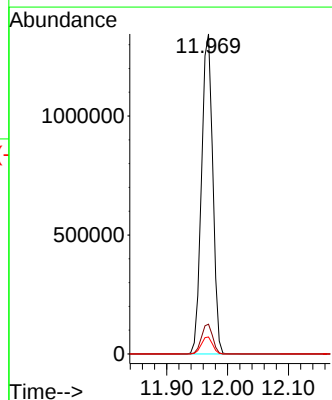
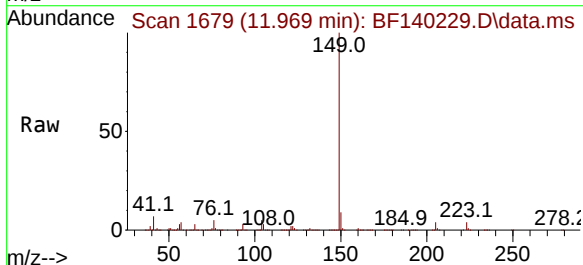
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

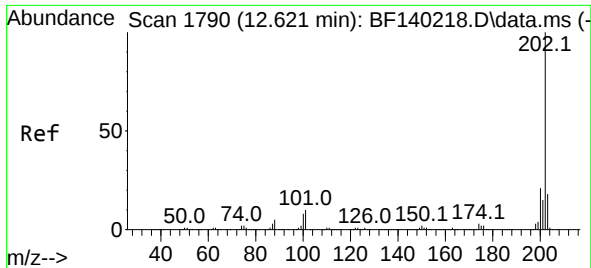
Tgt Ion:167 Resp: 1450059  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.3 25.9  
 139 12.9 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 37.804 ng  
 RT: 11.969 min Scan# 1679  
 Delta R.T. 0.000 min  
 Lab File: BF140229.D  
 Acq: 04 Nov 2024 19:59

Tgt Ion:149 Resp: 1717421  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.5 11.3  
 104 5.3 4.6 6.8

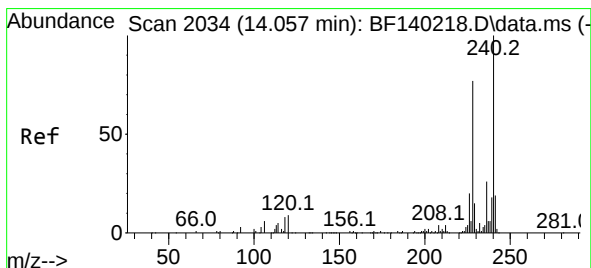
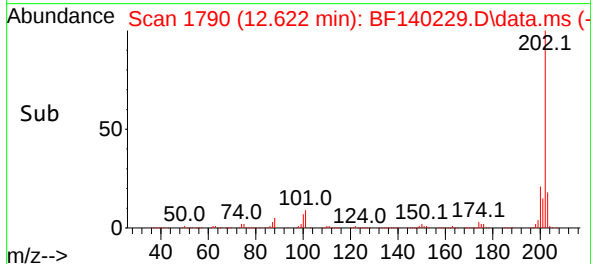
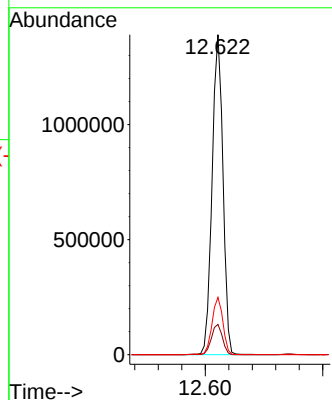
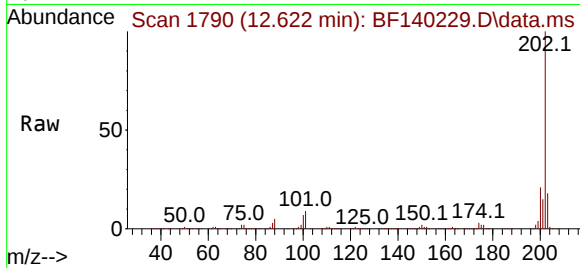




#75  
Fluoranthene  
Concen: 38.114 ng  
RT: 12.622 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

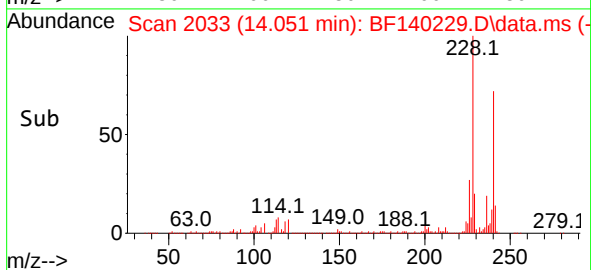
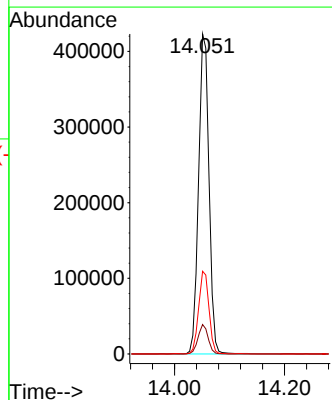
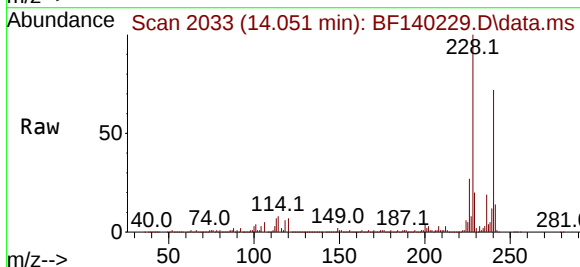
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

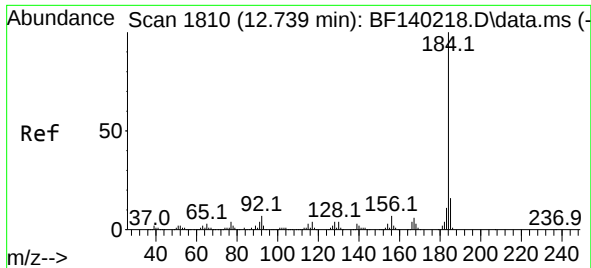
Tgt Ion:202 Resp: 1779204  
Ion Ratio Lower Upper  
202 100  
101 9.5 0.0 29.6  
203 17.9 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:240 Resp: 556992  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.0 10.4  
236 25.9 20.6 30.8

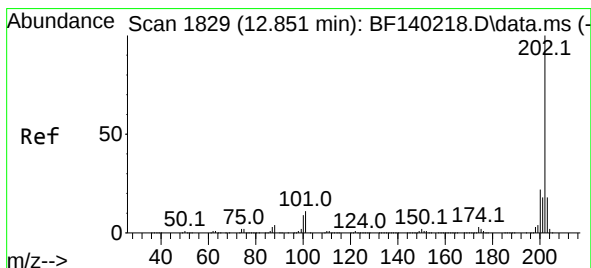
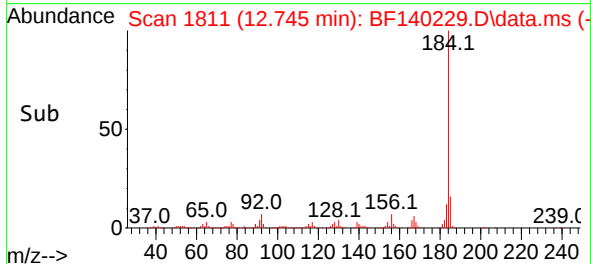
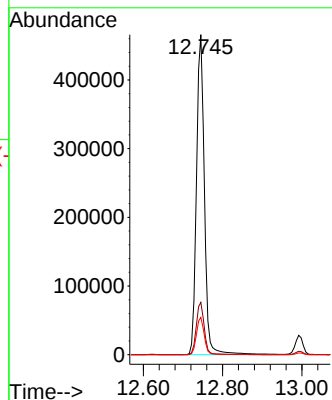
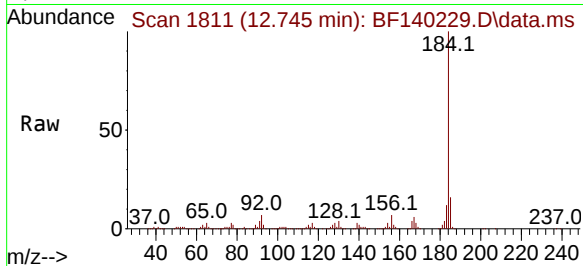




#77  
Benzidine  
Concen: 67.047 ng  
RT: 12.745 min Scan# 1811  
Delta R.T. 0.006 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

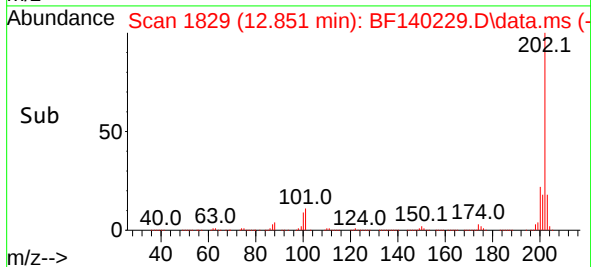
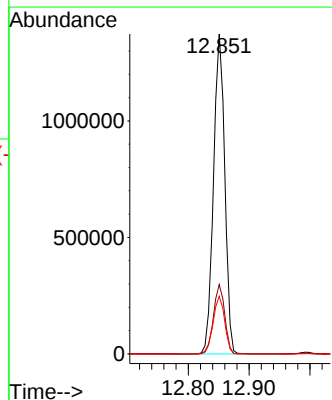
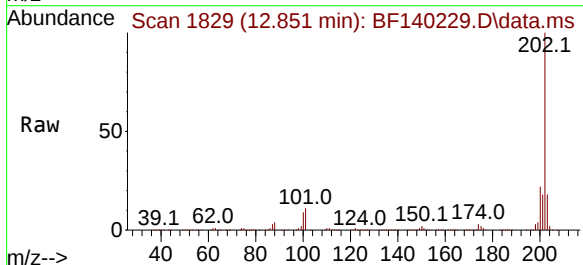
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

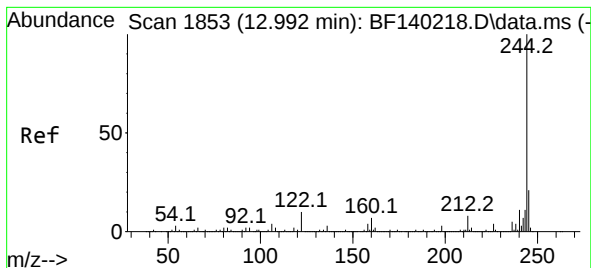
Tgt Ion:184 Resp: 647794  
Ion Ratio Lower Upper  
184 100  
185 16.4 12.4 18.6  
183 11.7 9.0 13.6



#78  
Pyrene  
Concen: 38.506 ng  
RT: 12.851 min Scan# 1829  
Delta R.T. 0.000 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:202 Resp: 1761359  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.4 26.0  
203 18.1 14.5 21.7





#79

Terphenyl-d14

Concen: 76.587 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

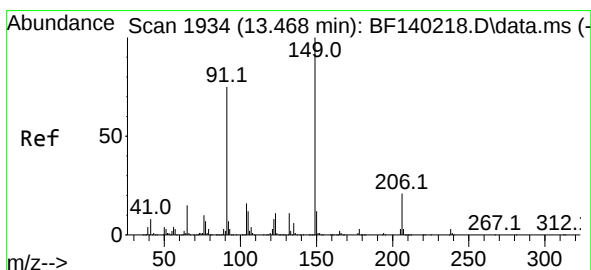
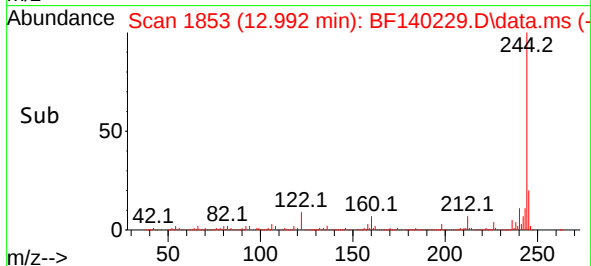
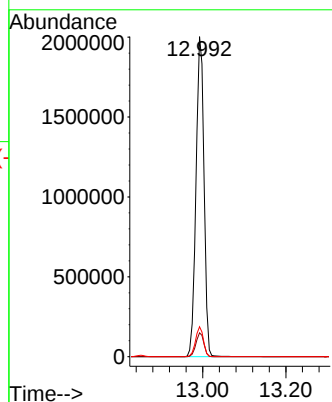
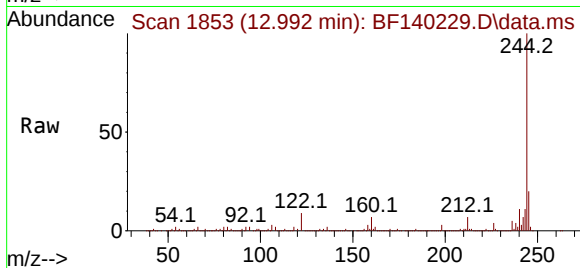
Tgt Ion:244 Resp: 2673706

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 39.632 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

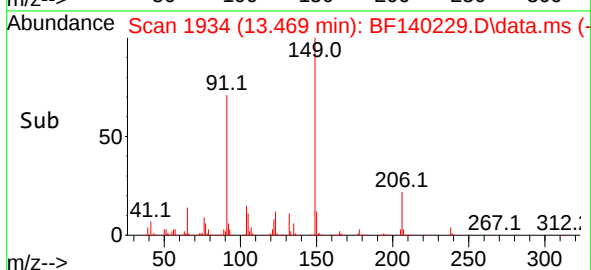
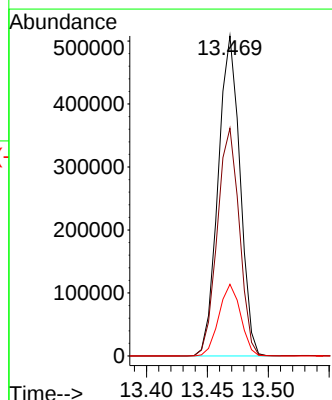
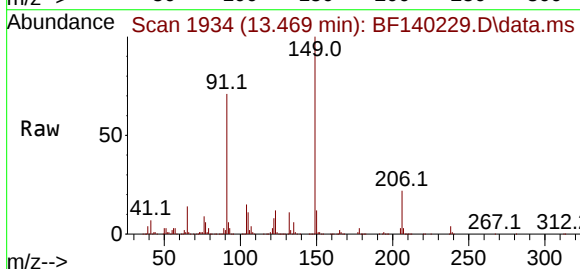
Tgt Ion:149 Resp: 635812

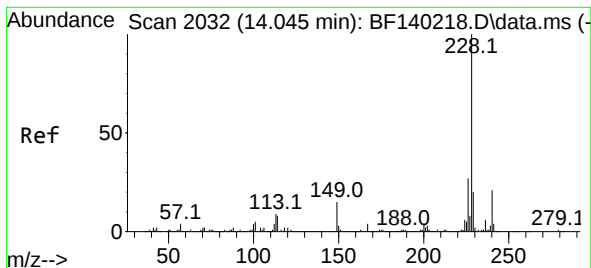
Ion Ratio Lower Upper

149 100

91 71.2 59.9 89.9

206 22.4 16.7 25.1





#81

Benzo(a)anthracene

Concen: 39.502 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

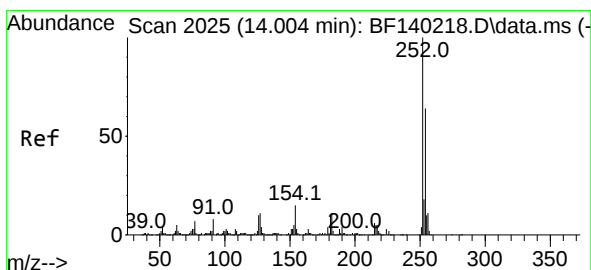
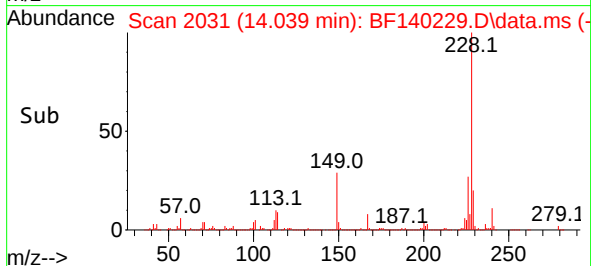
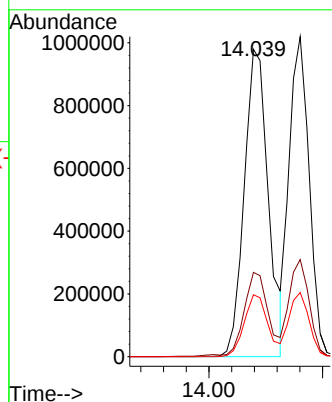
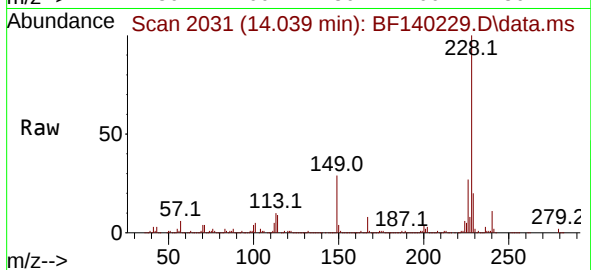
Tgt Ion:228 Resp: 1443097

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 41.336 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

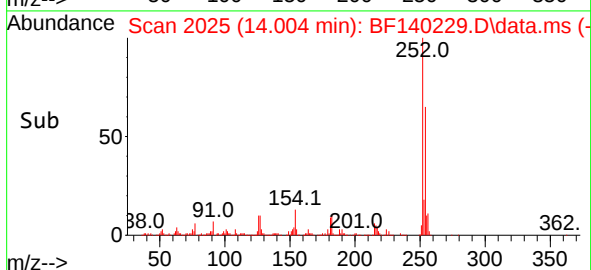
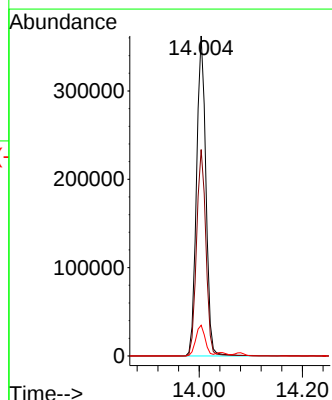
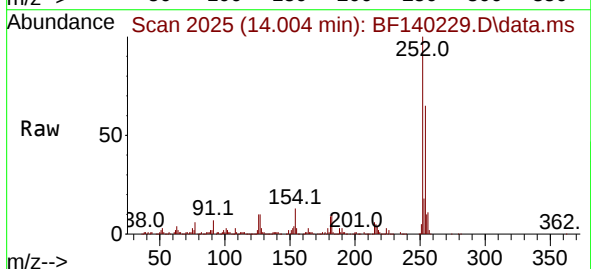
Tgt Ion:252 Resp: 455607

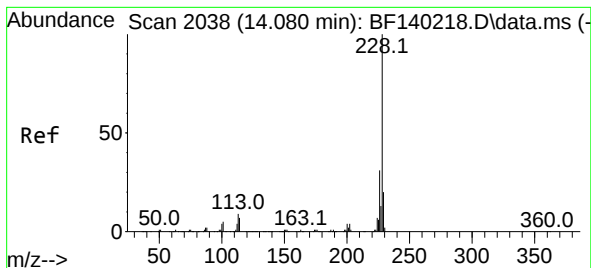
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 9.6 8.3 12.5





#83

Chrysene

Concen: 37.354 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

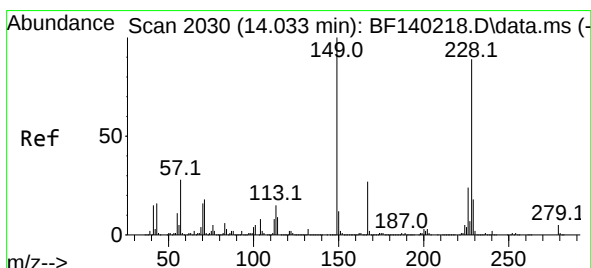
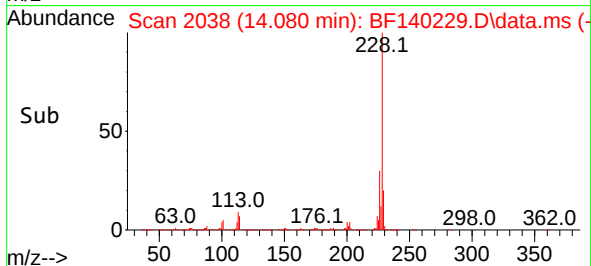
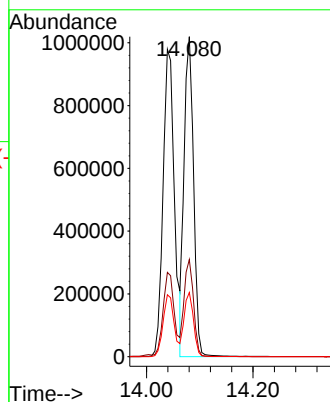
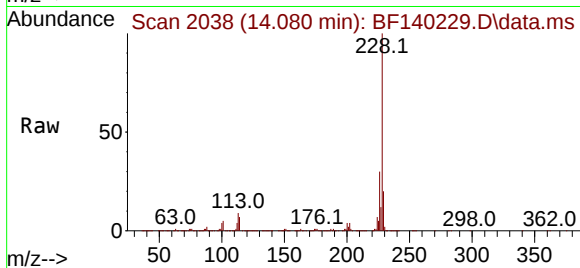
Tgt Ion:228 Resp: 1255262

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.917 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

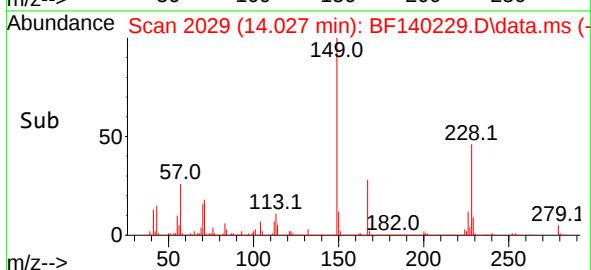
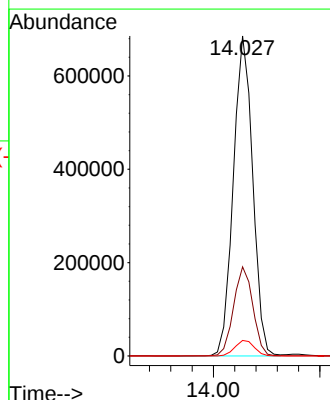
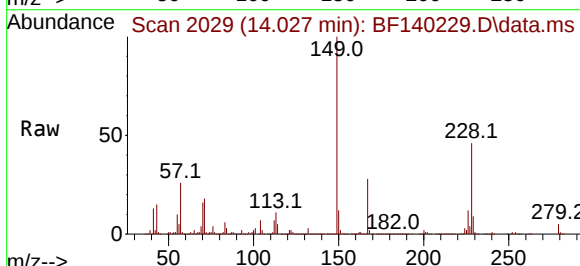
Tgt Ion:149 Resp: 868310

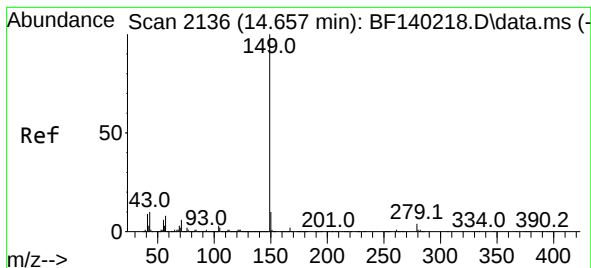
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

279 4.9 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 39.950 ng

RT: 14.651 min Scan# 2136

Delta R.T. -0.006 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

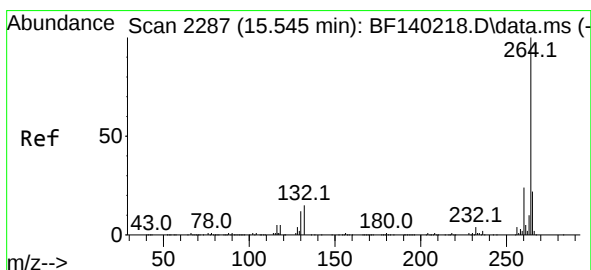
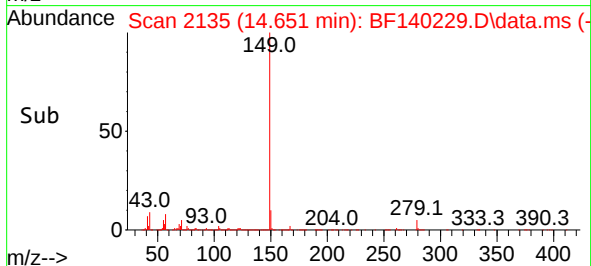
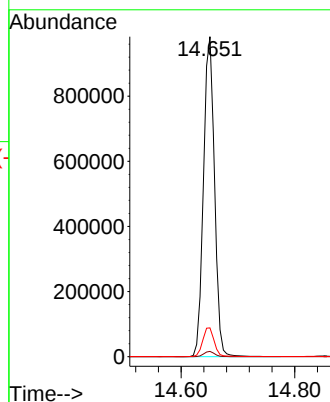
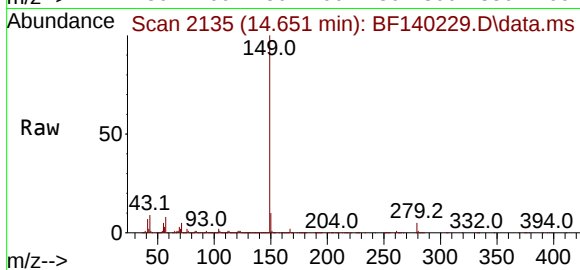
Tgt Ion:149 Resp: 1321840

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.006 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

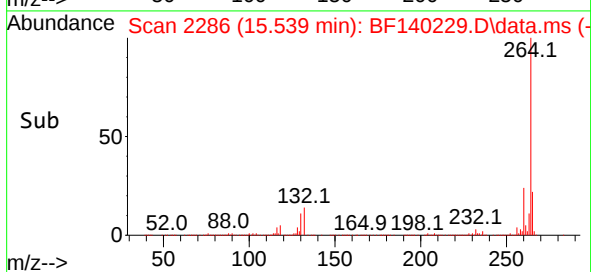
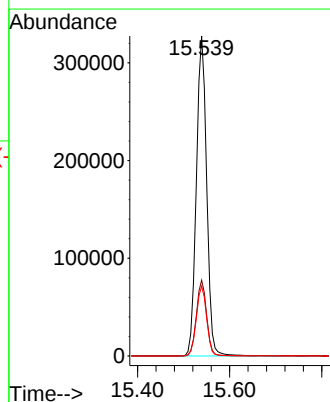
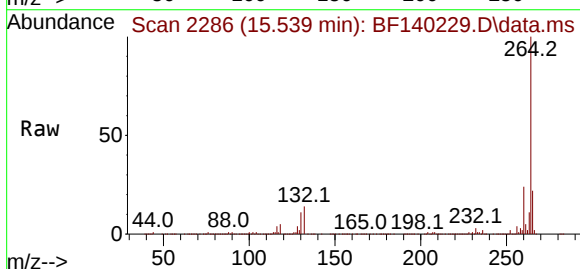
Tgt Ion:264 Resp: 508808

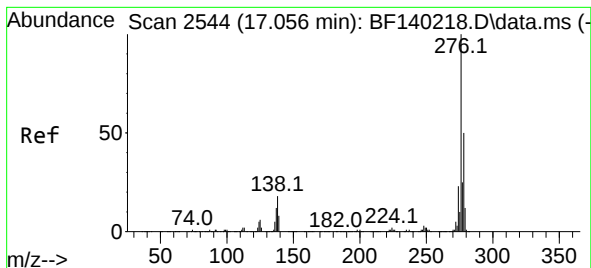
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.546 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

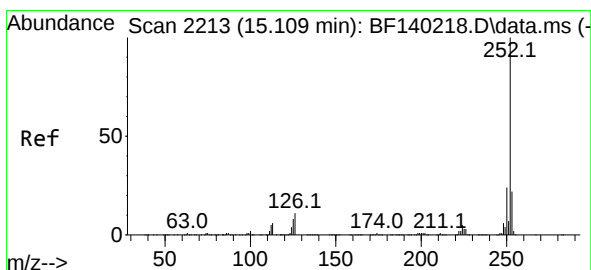
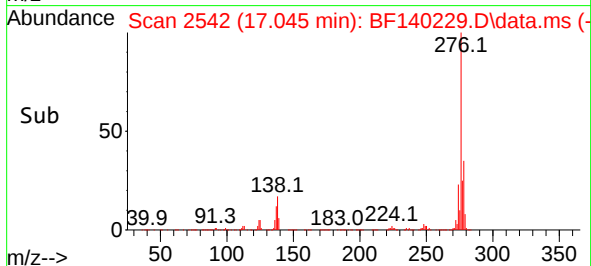
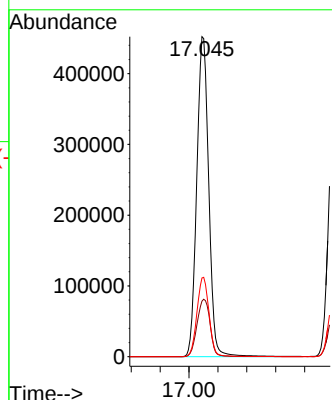
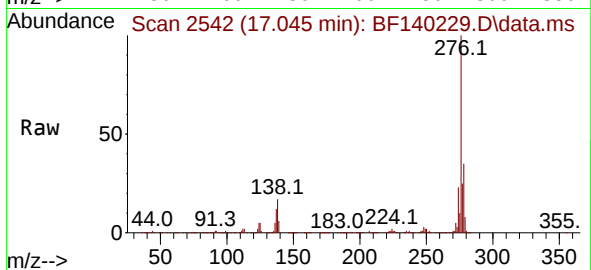
Tgt Ion:276 Resp: 1298511

Ion Ratio Lower Upper

276 100

138 19.4 15.7 23.5

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 36.605 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

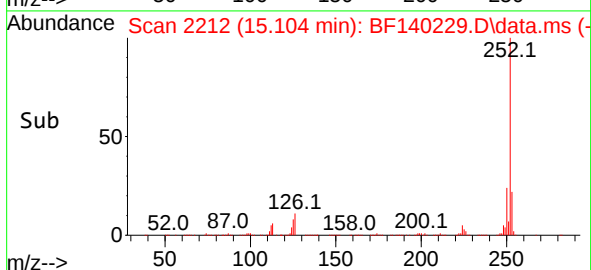
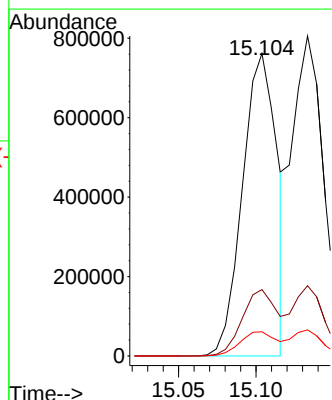
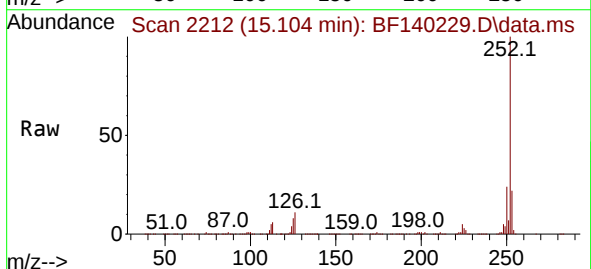
Tgt Ion:252 Resp: 1174781

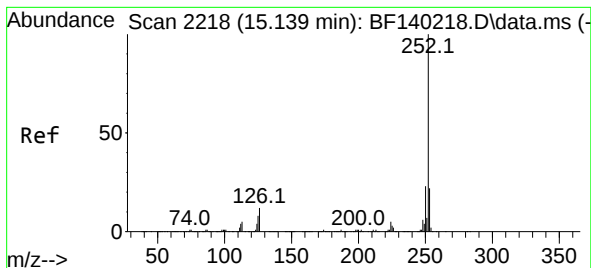
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 8.0 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 40.505 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

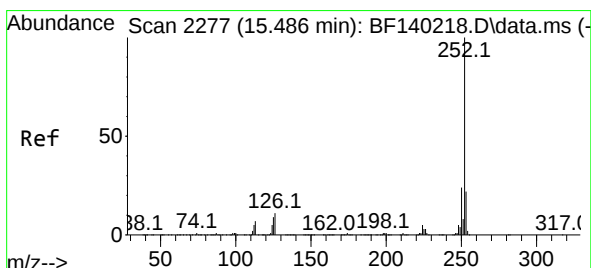
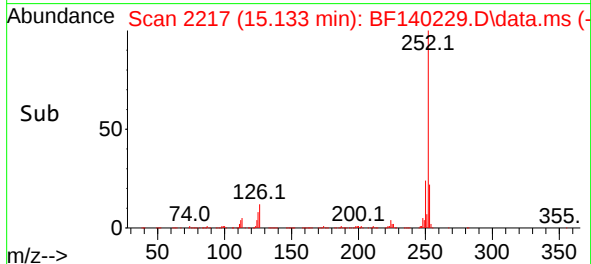
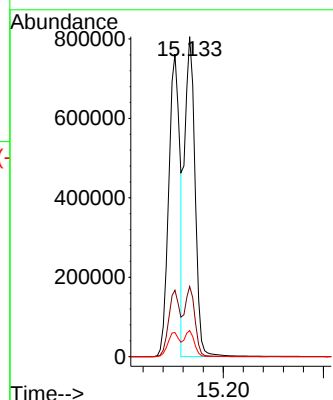
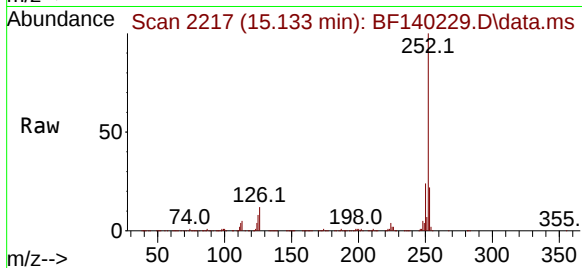
Tgt Ion:252 Resp: 1158423

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.2 6.7 10.1



#90

Benzo(a)pyrene

Concen: 39.106 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF140229.D

Acq: 04 Nov 2024 19:59

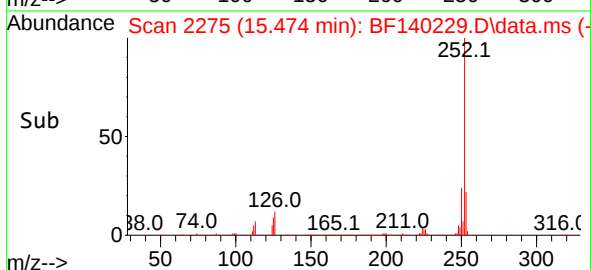
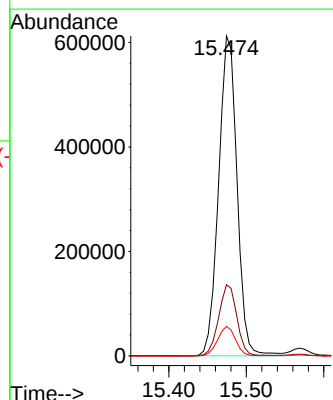
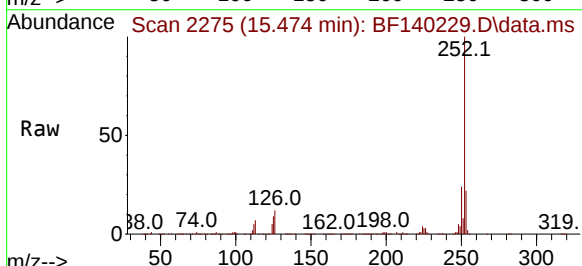
Tgt Ion:252 Resp: 1011561

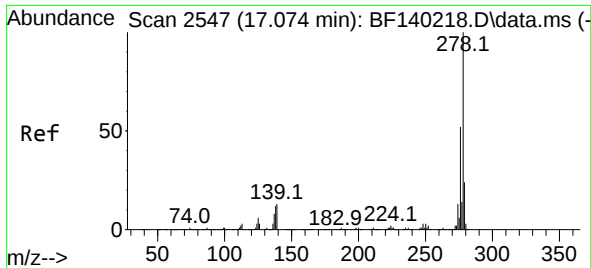
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 9.3 7.0 10.6

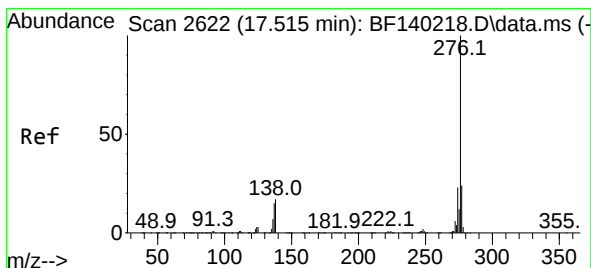
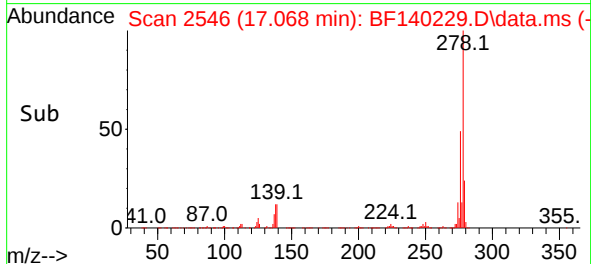
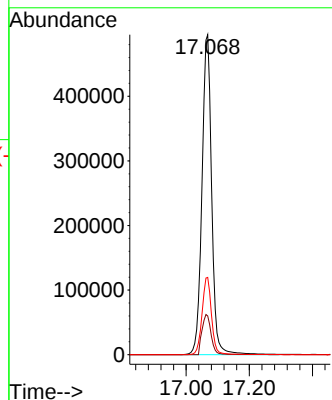
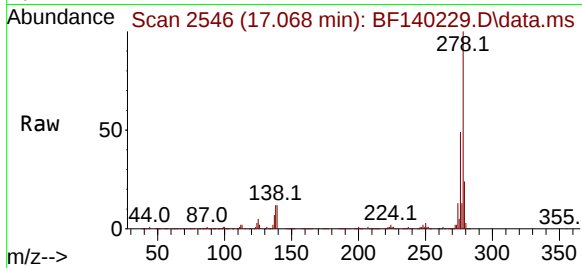




#91  
Dibenzo(a,h)anthracene  
Concen: 40.580 ng  
RT: 17.068 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:278 Resp: 1058412  
Ion Ratio Lower Upper  
278 100  
139 12.1 10.2 15.2  
279 24.1 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 40.164 ng  
RT: 17.504 min Scan# 2620  
Delta R.T. -0.012 min  
Lab File: BF140229.D  
Acq: 04 Nov 2024 19:59

Tgt Ion:276 Resp: 1069633  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.1 28.7  
138 16.8 13.5 20.3

