

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011025\  
 Data File : BF141112.D  
 Acq On : 10 Jan 2025 14:10  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: Jan 10 22:19:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:16:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 165025   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 641610   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.857  | 164  | 342827   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 590333   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 312856   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 318548   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 454711   | 42.566 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.440  | 99   | 572898   | 42.337 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.381  | 82   | 505718   | 41.781 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 161318   | 41.297 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 965569   | 43.009 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 927987   | 44.086 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.534  | 88   | 98707    | 20.749 | ng    | 99       |
| 3) Pyridine                   | 3.275  | 79   | 245303   | 21.028 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.210  | 42   | 117019   | 20.515 | ng    | 97       |
| 6) Aniline                    | 6.481  | 93   | 257655   | 21.446 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.604  | 128  | 240612   | 20.994 | ng    | 97       |
| 9) Benzaldehyde               | 6.369  | 77   | 171668   | 22.710 | ng    | 97       |
| 10) Phenol                    | 6.451  | 94   | 307174   | 21.206 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.551  | 93   | 224939   | 20.837 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 271956   | 21.275 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.840  | 146  | 275255   | 21.369 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.993  | 146  | 259444   | 21.592 | ng    | 96       |
| 15) Benzyl Alcohol            | 6.957  | 79   | 205325   | 21.011 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 319998   | 21.243 | ng    | 99       |
| 17) 2-Methylphenol            | 7.063  | 107  | 195053   | 21.080 | ng    | 98       |
| 18) Hexachloroethane          | 7.334  | 117  | 98162    | 21.073 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.228  | 70   | 166563   | 20.896 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.216  | 107  | 252067   | 21.593 | ng    | 98       |
| 22) Acetophenone              | 7.228  | 105  | 325163   | 21.318 | ng    | 99       |
| 24) Nitrobenzene              | 7.398  | 77   | 263687   | 20.903 | ng    | 100      |
| 25) Isophorone                | 7.640  | 82   | 432580   | 20.913 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.716  | 139  | 121643   | 21.198 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 160116   | 20.686 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 275641   | 21.233 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.951  | 162  | 192733   | 20.966 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 223082   | 21.231 | ng    | 99       |
| 31) Naphthalene               | 8.122  | 128  | 725773   | 21.450 | ng    | 99       |
| 32) Benzoic acid              | 7.828  | 122  | 147997   | 19.932 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.169  | 127  | 247958   | 21.190 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 133140   | 21.028 | ng    | 99       |
| 35) Caprolactam               | 8.516  | 113  | 63223    | 20.967 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.645  | 107  | 209656   | 20.854 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 455728   | 21.136 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 455467   | 21.434 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 8.981  | 216  | 207159   | 21.053 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 68830    | 21.381 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 141110   | 21.263 | ng    | 100      |

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 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

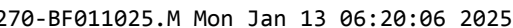
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: Jan 10 22:19:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:16:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.128  | 196  | 143420   | 20.463 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.281  | 154  | 566930   | 21.294 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 436413   | 21.045 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.392  | 65   | 125270   | 20.379 | ng    | 96       |
| 49) Acenaphthylene            | 9.716  | 152  | 627543   | 21.182 | ng    | 99       |
| 50) Dimethylphthalate         | 9.575  | 163  | 481191   | 20.907 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.639  | 165  | 112600   | 21.038 | ng    | 99       |
| 52) Acenaphthene              | 9.892  | 154  | 436615   | 21.094 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.804  | 138  | 114181   | 20.994 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.910  | 184  | 45746    | 17.982 | ng    | # 72     |
| 55) Dibenzofuran              | 10.063 | 168  | 595943   | 21.167 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.951  | 139  | 87361    | 20.509 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.039 | 165  | 145002   | 21.023 | ng    | 98       |
| 58) Fluorene                  | 10.404 | 166  | 465998   | 21.305 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.175 | 232  | 121311   | 20.823 | ng    | 99       |
| 60) Diethylphthalate          | 10.281 | 149  | 472480   | 21.028 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.398 | 204  | 227252   | 21.317 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.410 | 138  | 108089   | 20.305 | ng    | 98       |
| 63) Azobenzene                | 10.557 | 77   | 463688   | 20.915 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.445 | 198  | 70598    | 20.638 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.516 | 169  | 403436   | 21.188 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 140672   | 20.698 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.951 | 284  | 156770   | 20.721 | ng    | 99       |
| 69) Atrazine                  | 11.039 | 200  | 100524   | 19.607 | ng    | 100      |
| 70) Pentachlorophenol         | 11.145 | 266  | 100960   | 20.837 | ng    | 98       |
| 71) Phenanthrene              | 11.369 | 178  | 662092   | 20.891 | ng    | 99       |
| 72) Anthracene                | 11.422 | 178  | 646616   | 20.983 | ng    | 100      |
| 73) Carbazole                 | 11.575 | 167  | 597025   | 21.128 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 672525   | 20.797 | ng    | 100      |
| 75) Fluoranthene              | 12.557 | 202  | 651977   | 20.615 | ng    | 99       |
| 77) Benzidine                 | 12.680 | 184  | 96892    | 16.701 | ng    | 100      |
| 78) Pyrene                    | 12.786 | 202  | 651047   | 21.787 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 207563   | 20.834 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 446504   | 20.971 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 139050   | 20.510 | ng    | 100      |
| 83) Chrysene                  | 14.010 | 228  | 417881   | 20.975 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 252397   | 21.114 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.598 | 149  | 365598   | 20.253 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.904 | 276  | 496449   | 21.272 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 410817   | 20.000 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.051 | 252  | 363482   | 20.939 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 348882   | 20.586 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.921 | 278  | 401882   | 21.291 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.339 | 276  | 429242   | 21.863 | ng    | 100      |

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

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QLast Update : Fri Jan 10 22:16:11 2025  
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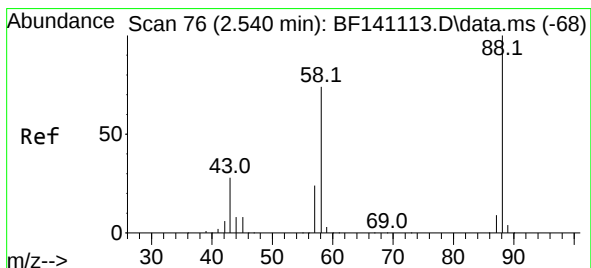
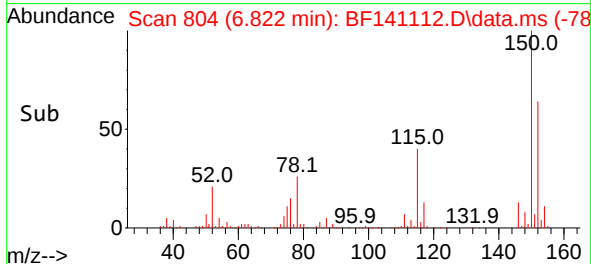
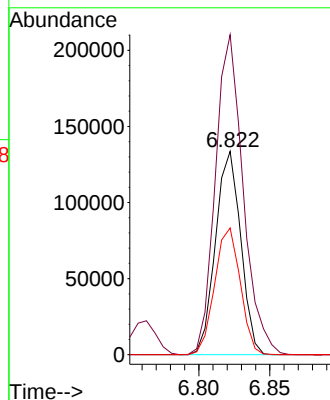
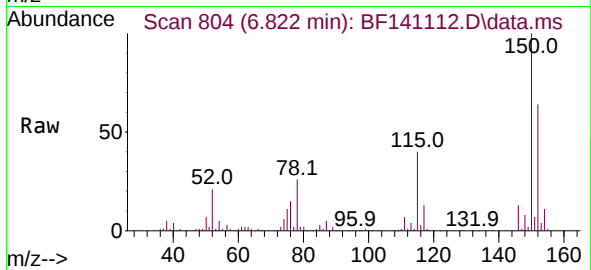




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.822 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF141112.D  
 Acq: 10 Jan 2025 14:10

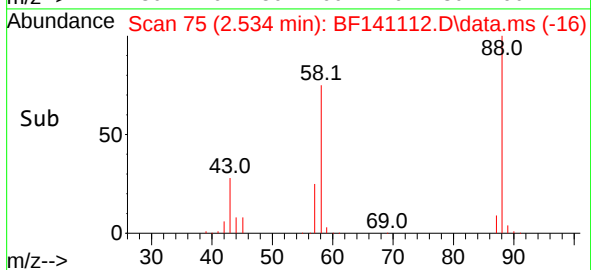
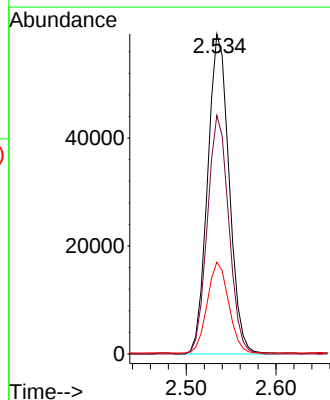
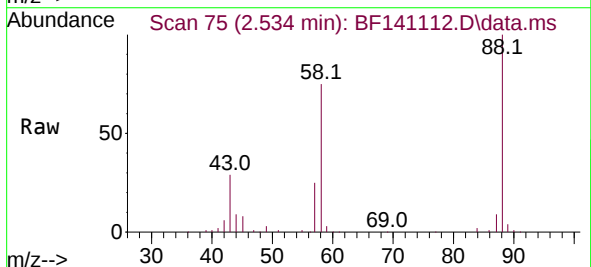
Instrument :  
 BNA\_F  
 ClientSampleId :  
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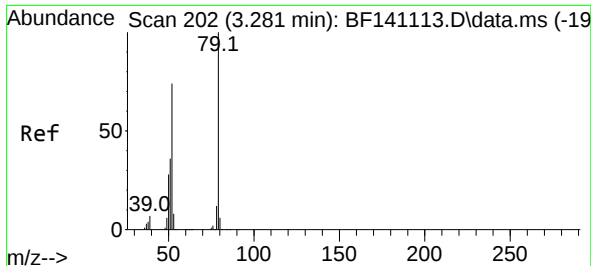
Tgt Ion:152 Resp: 165025  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 125.8 188.8  
 115 62.3 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 20.749 ng  
 RT: 2.534 min Scan# 75  
 Delta R.T. -0.006 min  
 Lab File: BF141112.D  
 Acq: 10 Jan 2025 14:10

Tgt Ion: 88 Resp: 98707  
 Ion Ratio Lower Upper  
 88 100  
 58 74.2 60.1 90.1  
 43 28.2 23.1 34.7

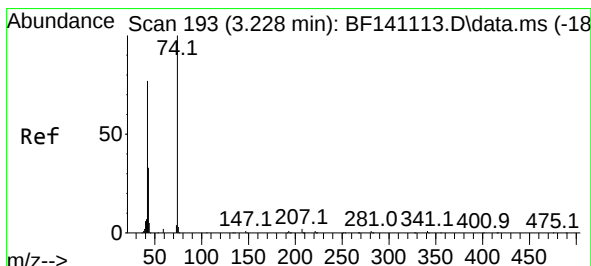
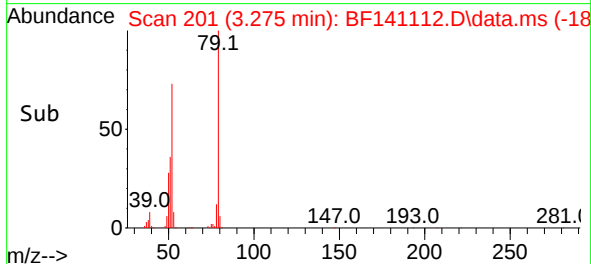
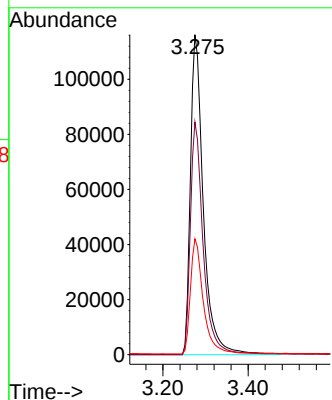
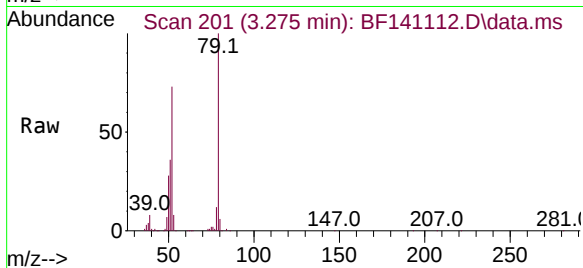




#3  
Pyridine  
Concen: 21.028 ng  
RT: 3.275 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

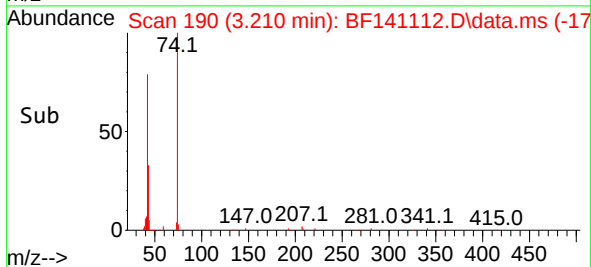
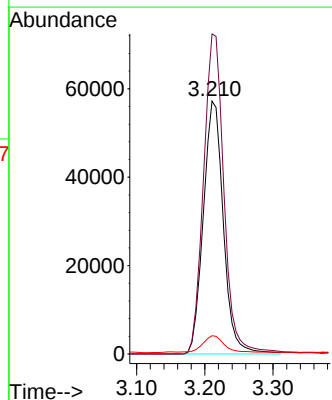
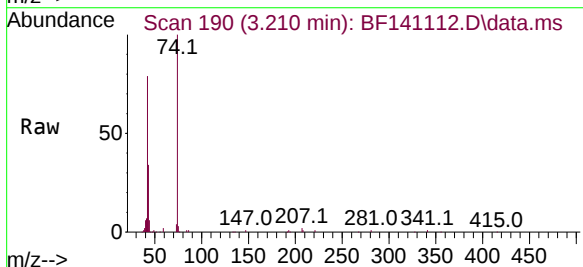
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion: 79 Resp: 245303  
Ion Ratio Lower Upper  
79 100  
52 72.7 58.9 88.3  
51 36.2 29.1 43.7



#4  
n-Nitrosodimethylamine  
Concen: 20.515 ng  
RT: 3.210 min Scan# 190  
Delta R.T. -0.018 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion: 42 Resp: 117019  
Ion Ratio Lower Upper  
42 100  
74 126.6 103.8 155.6  
44 7.2 5.3 7.9

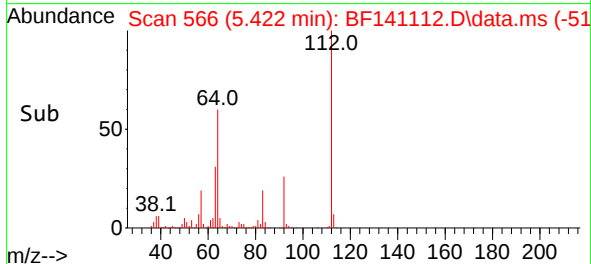
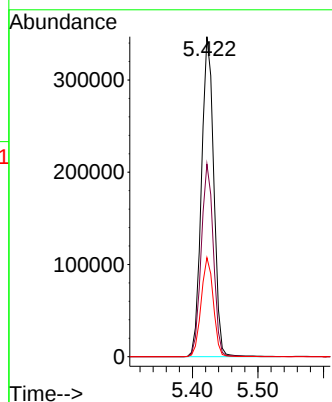
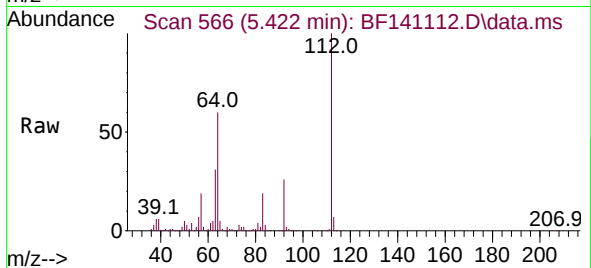




#5  
2-Fluorophenol  
Concen: 42.566 ng  
RT: 5.422 min Scan# 509  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

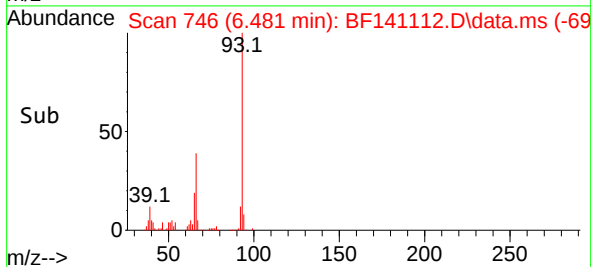
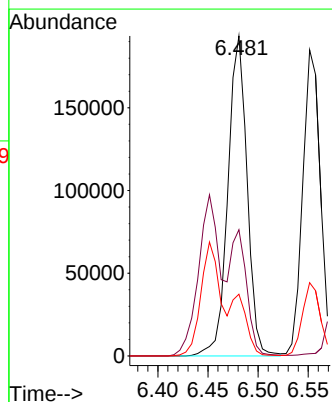
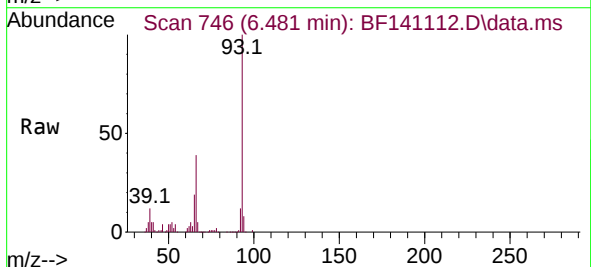
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:112 Resp: 454711  
Ion Ratio Lower Upper  
112 100  
64 60.2 47.3 70.9  
63 31.0 24.2 36.2



#6  
Aniline  
Concen: 21.446 ng  
RT: 6.481 min Scan# 746  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion: 93 Resp: 257655  
Ion Ratio Lower Upper  
93 100  
66 39.5 31.5 47.3  
65 19.3 15.3 22.9





#7

Phenol-d6

Concen: 42.337 ng

RT: 6.440 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

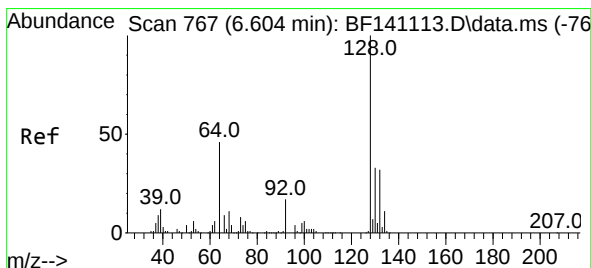
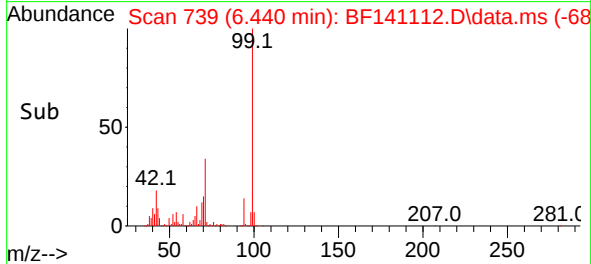
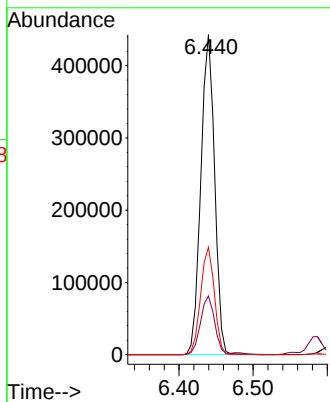
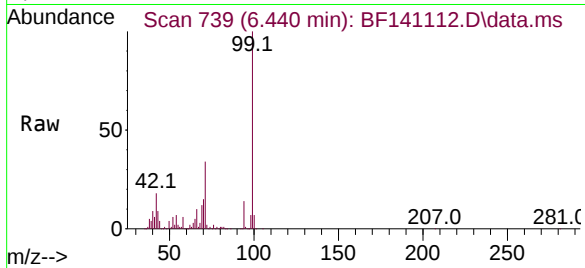
Tgt Ion: 99 Resp: 572898

Ion Ratio Lower Upper

99 100

42 18.4 15.0 22.4

71 33.6 27.6 41.4



#8

2-Chlorophenol

Concen: 20.994 ng

RT: 6.604 min Scan# 767

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

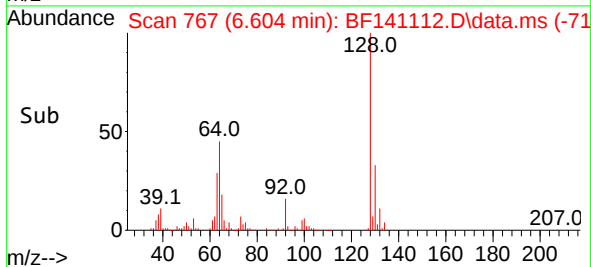
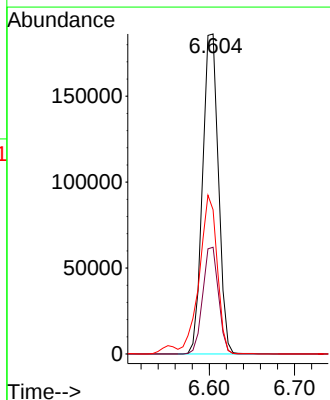
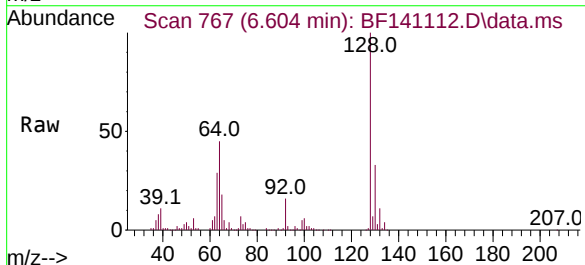
Tgt Ion: 128 Resp: 240612

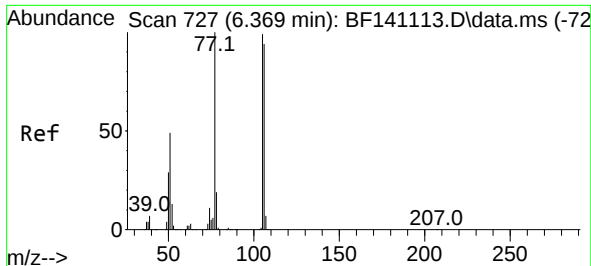
Ion Ratio Lower Upper

128 100

130 33.3 12.5 52.5

64 45.1 28.3 68.3

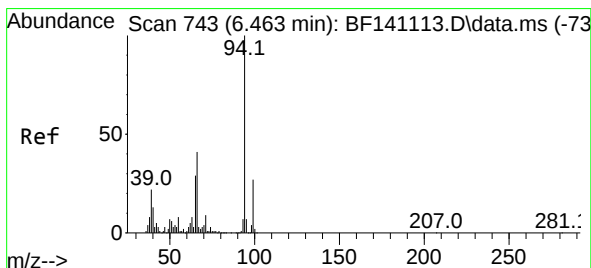
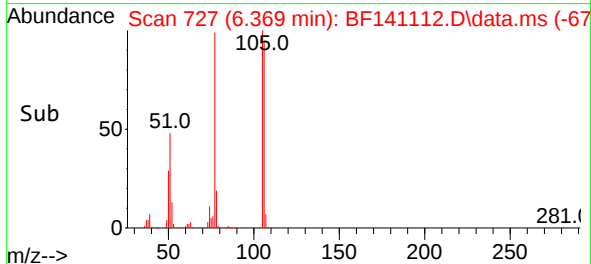
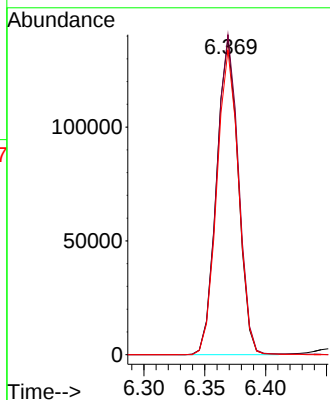
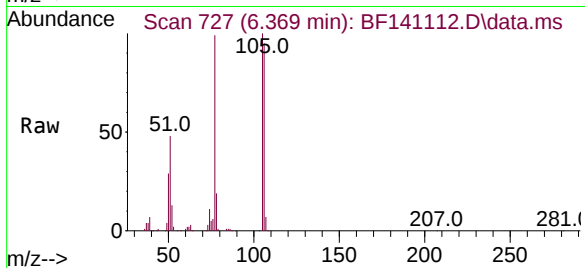




#9  
Benzaldehyde  
Concen: 22.710 ng  
RT: 6.369 min Scan# 710  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

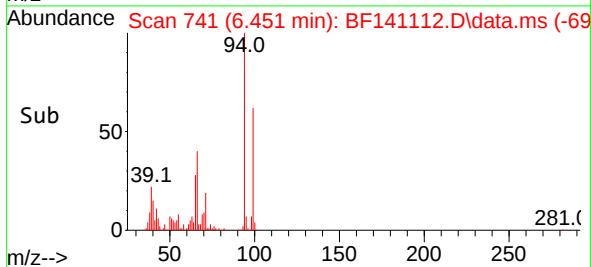
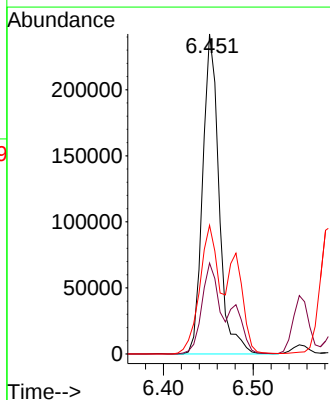
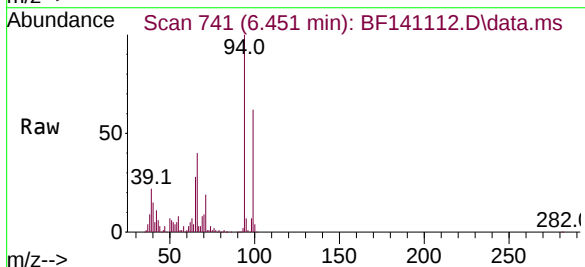
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

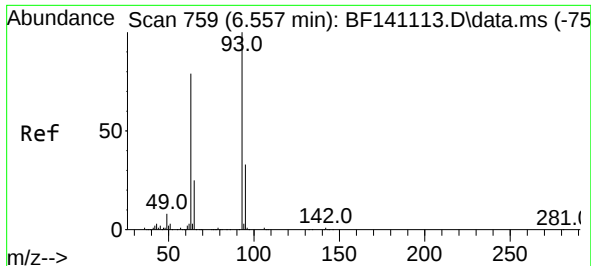
Tgt Ion: 77 Resp: 171668  
Ion Ratio Lower Upper  
77 100  
105 101.3 78.9 118.9  
106 96.4 73.6 113.6



#10  
Phenol  
Concen: 21.206 ng  
RT: 6.451 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion: 94 Resp: 307174  
Ion Ratio Lower Upper  
94 100  
65 28.4 8.9 48.9  
66 40.2 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 20.837 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

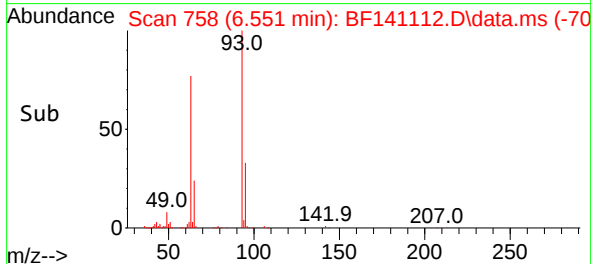
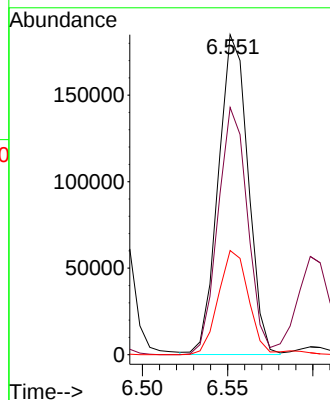
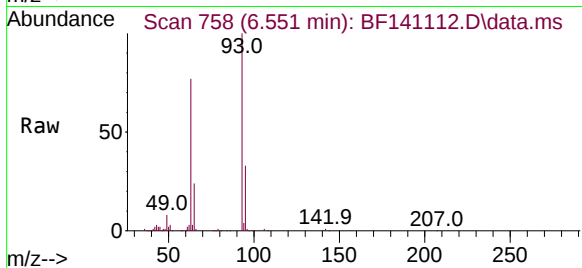
Tgt Ion: 93 Resp: 224939

Ion Ratio Lower Upper

93 100

63 77.2 58.0 98.0

95 32.6 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 21.275 ng

RT: 6.763 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

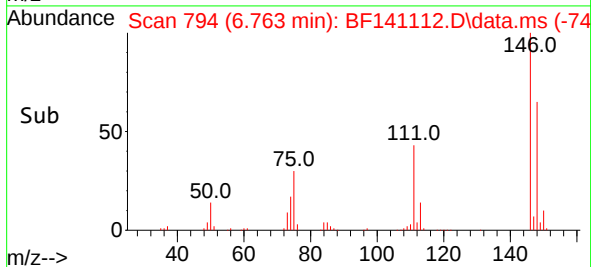
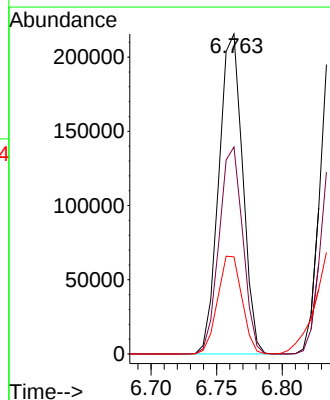
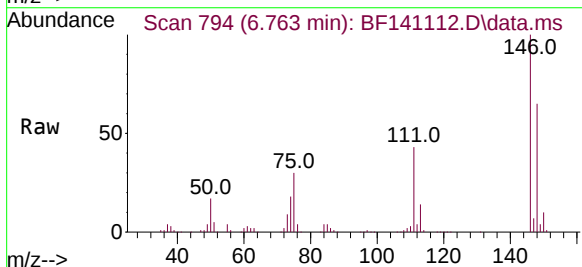
Tgt Ion:146 Resp: 271956

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

75 30.4 26.2 39.2





#13

1,4-Dichlorobenzene

Concen: 21.369 ng

RT: 6.840 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

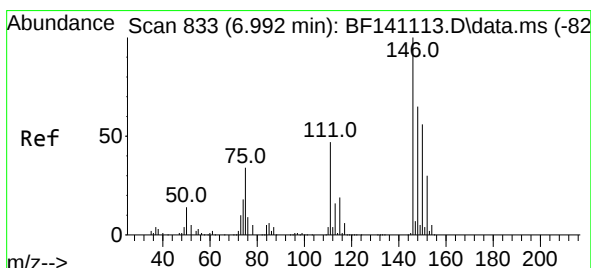
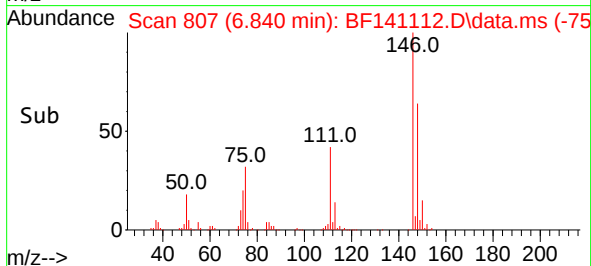
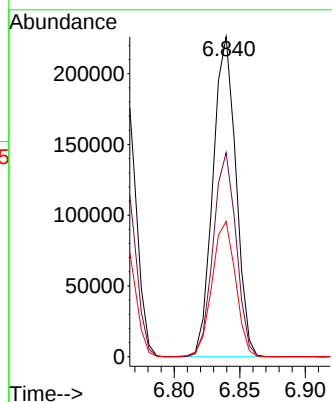
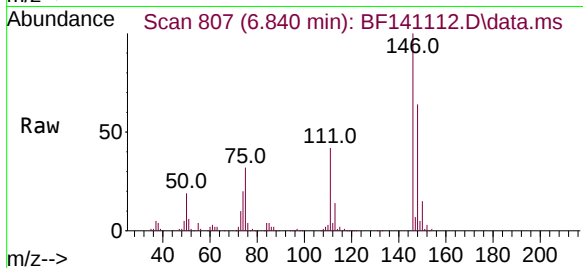
Tgt Ion:146 Resp: 275255

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 42.3 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 21.592 ng

RT: 6.993 min Scan# 833

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

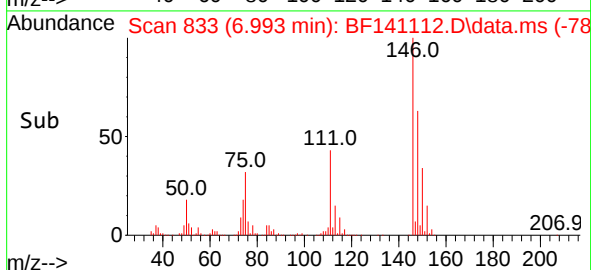
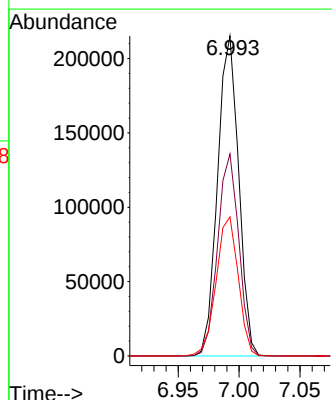
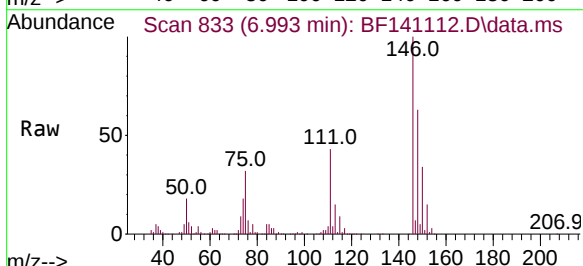
Tgt Ion:146 Resp: 259444

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.4

111 43.5 37.5 56.3

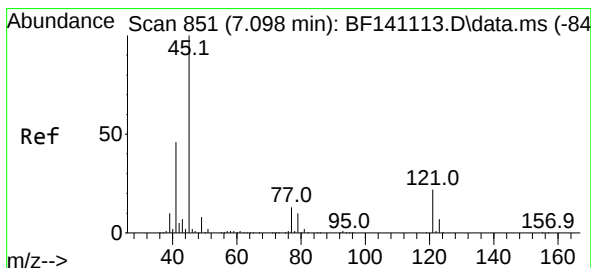
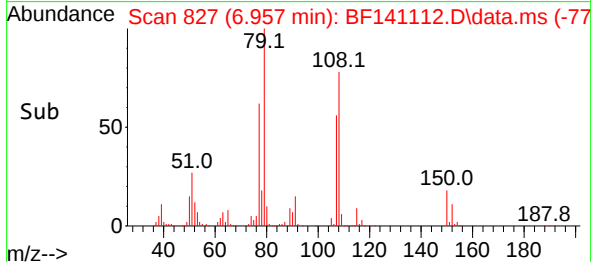
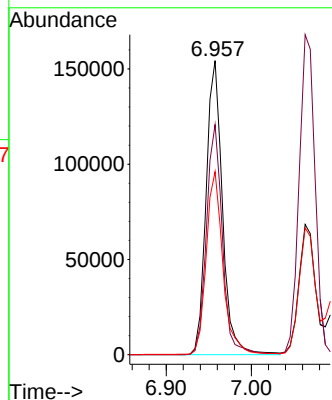
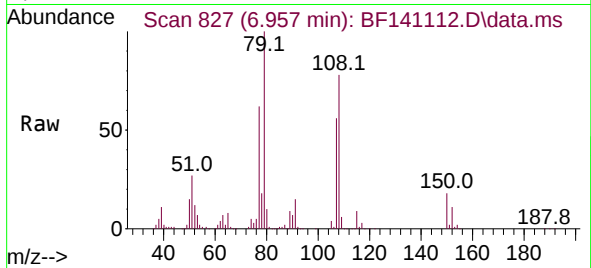




#15  
Benzyl Alcohol  
Concen: 21.011 ng  
RT: 6.957 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

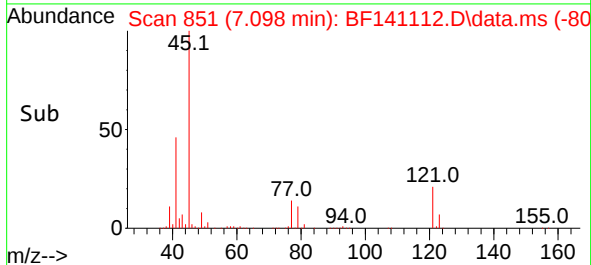
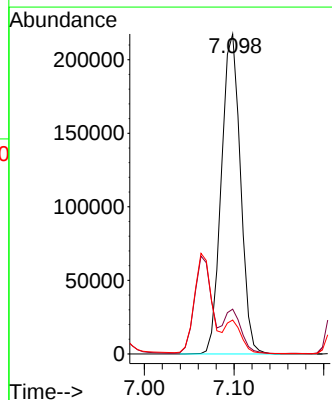
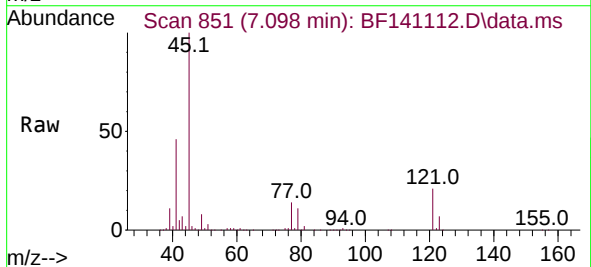
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

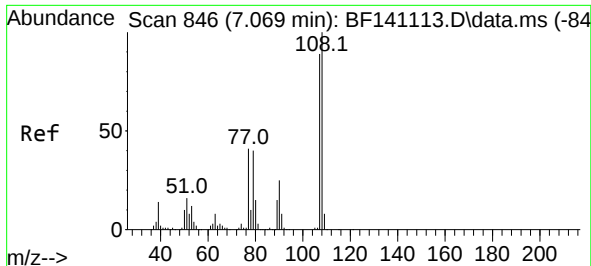
Tgt Ion: 79 Resp: 205325  
Ion Ratio Lower Upper  
79 100  
108 78.2 61.4 92.0  
77 62.2 49.8 74.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 21.243 ng  
RT: 7.098 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

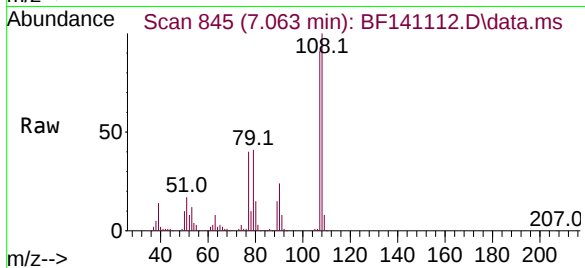
Tgt Ion: 45 Resp: 319998  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 34.1  
79 10.6 0.0 31.0



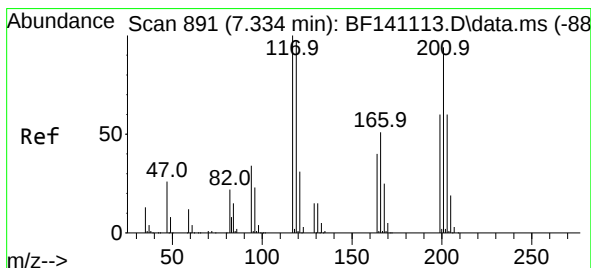
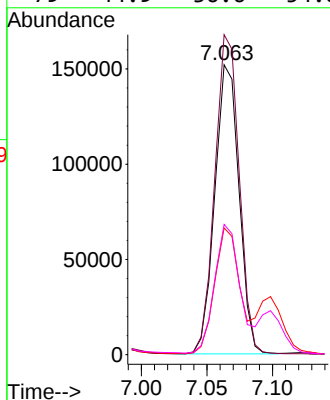
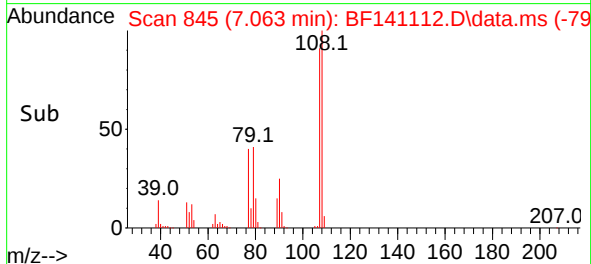


#17  
2-Methylphenol  
Concen: 21.080 ng  
RT: 7.063 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

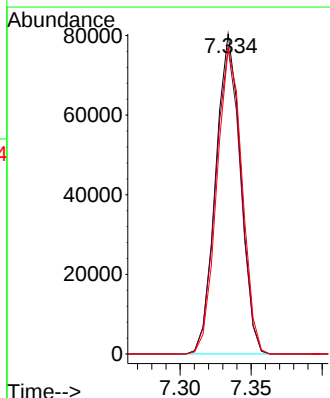
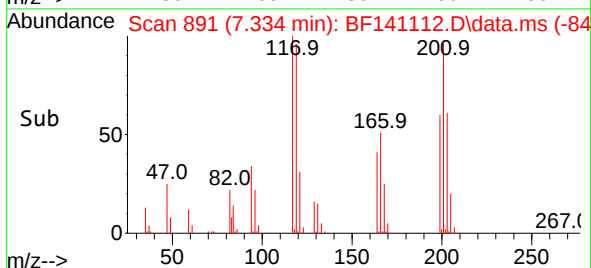
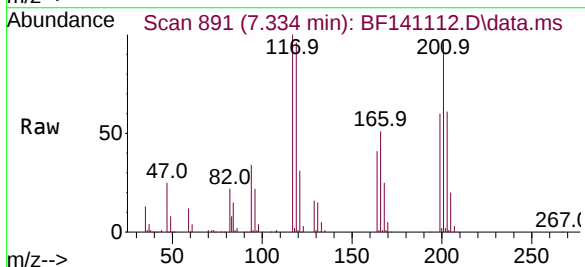


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 195053 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.4 | 90.1  | 135.1  |
| 77       | 43.7  | 36.6  | 55.0   |
| 79       | 44.9  | 36.6  | 54.8   |



#18  
Hexachloroethane  
Concen: 21.073 ng  
RT: 7.334 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 98162 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.7  | 77.6  | 116.4 |
| 201      | 95.5  | 75.1  | 112.7 |



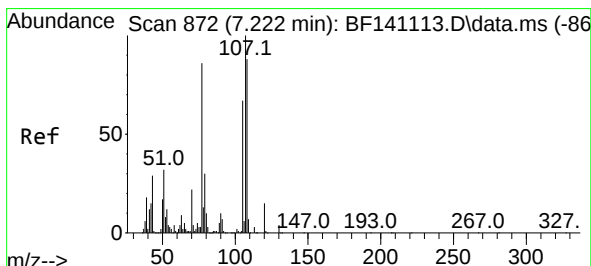
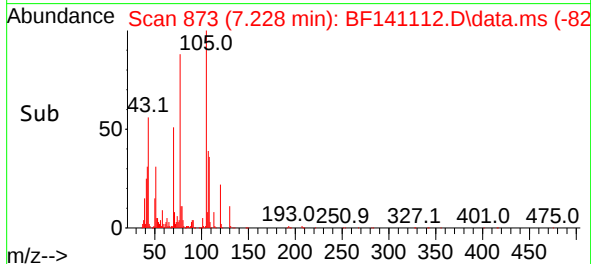
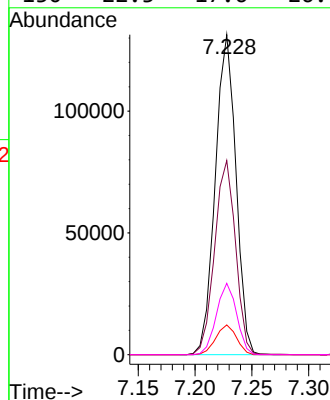
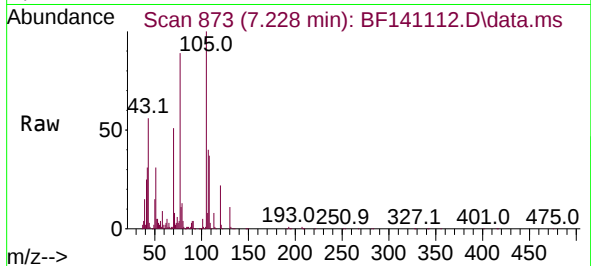


#19  
n-Nitroso-di-n-propylamine  
Concen: 20.896 ng  
RT: 7.228 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion: 70 Resp: 166563

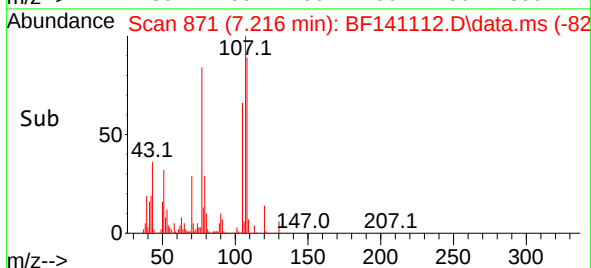
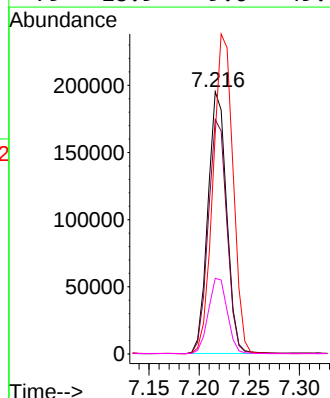
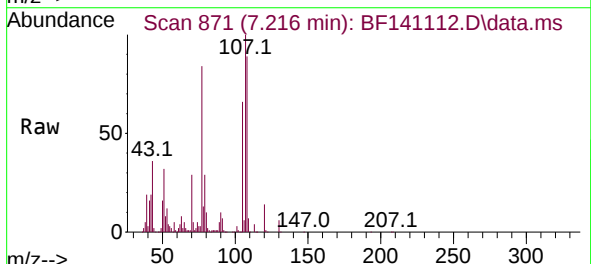
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 60.6  | 47.8  | 71.6  |
| 101 | 9.3   | 7.9   | 11.9  |
| 130 | 22.3  | 17.6  | 26.4  |

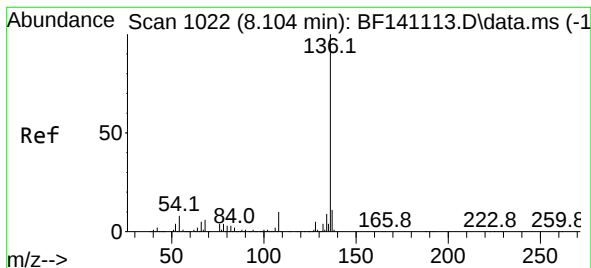


#20  
3+4-Methylphenols  
Concen: 21.593 ng  
RT: 7.216 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion: 107 Resp: 252067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.4  | 68.3  | 108.3 |
| 77  | 84.1  | 66.4  | 106.4 |
| 79  | 28.9  | 9.6   | 49.6  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 641610

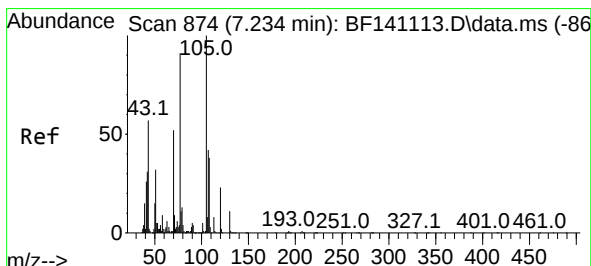
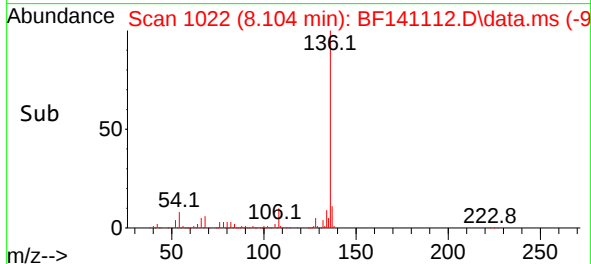
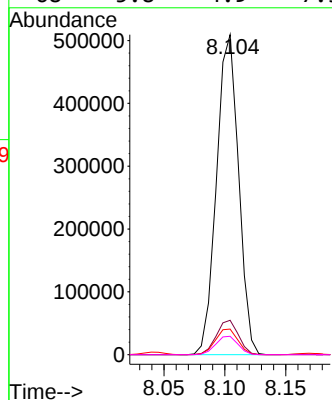
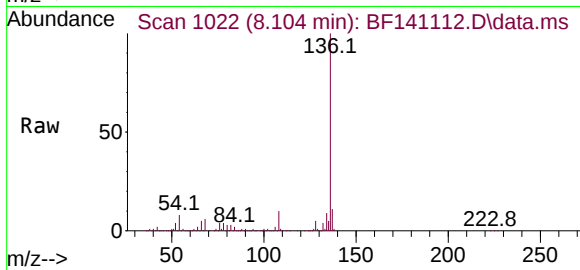
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.0 6.3 9.5

68 5.8 4.9 7.3



#22

Acetophenone

Concen: 21.318 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Tgt Ion:105 Resp: 325163

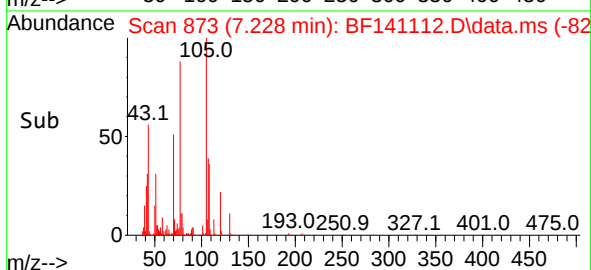
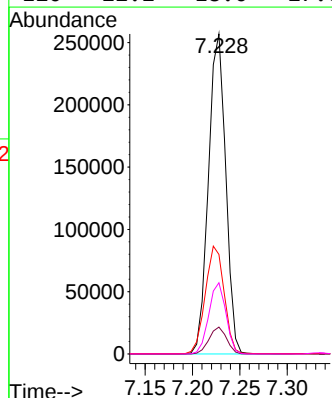
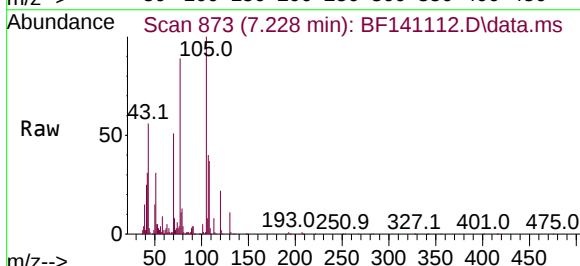
Ion Ratio Lower Upper

105 100

71 8.4 7.1 10.7

51 31.1 25.4 38.2

120 22.2 18.0 27.0





#23

Nitrobenzene-d5

Concen: 41.781 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

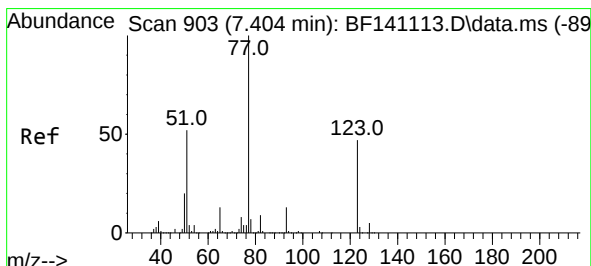
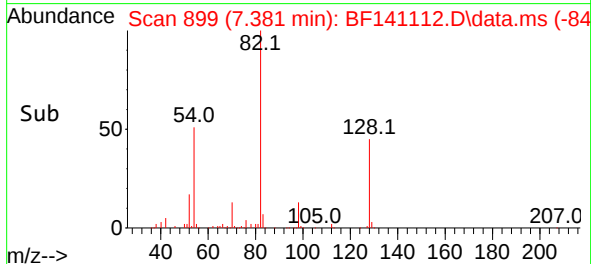
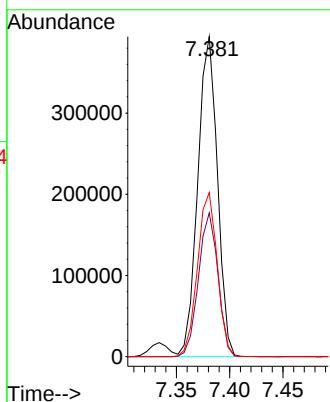
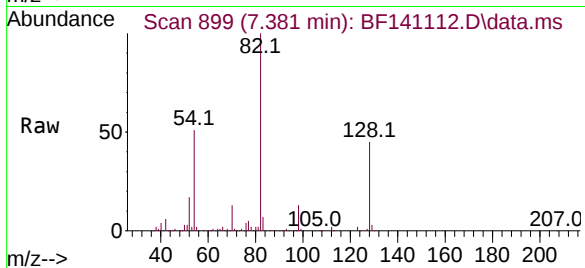
Tgt Ion: 82 Resp: 505718

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

54 51.3 41.0 61.4



#24

Nitrobenzene

Concen: 20.903 ng

RT: 7.398 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

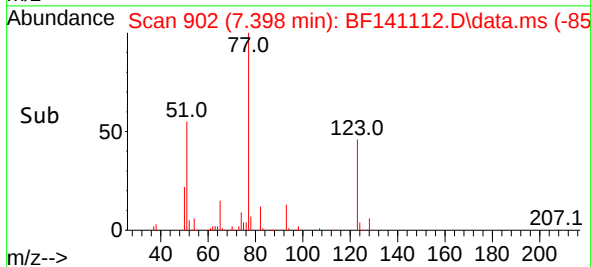
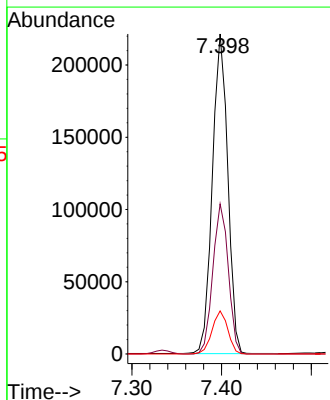
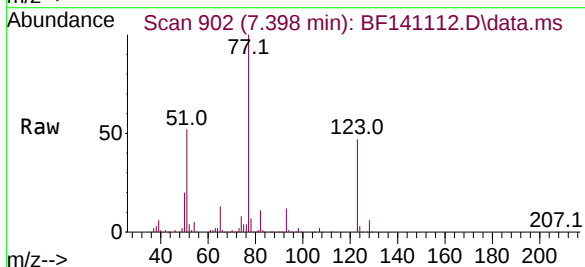
Tgt Ion: 77 Resp: 263687

Ion Ratio Lower Upper

77 100

123 46.9 37.7 56.5

65 13.4 10.6 16.0

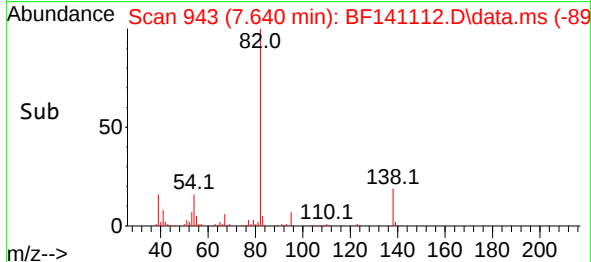
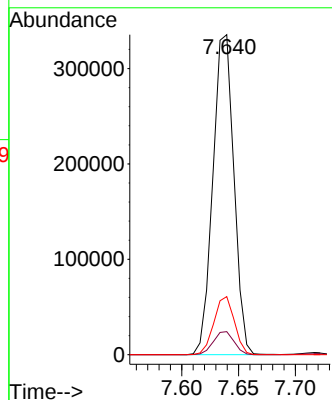
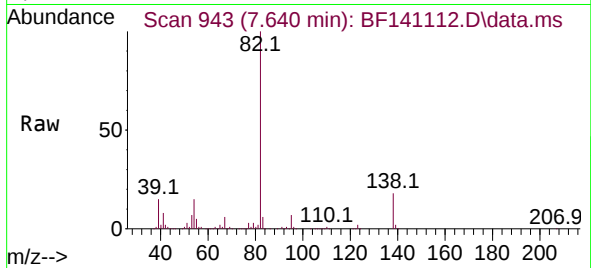




#25  
Isophorone  
Concen: 20.913 ng  
RT: 7.640 min Scan# 943  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

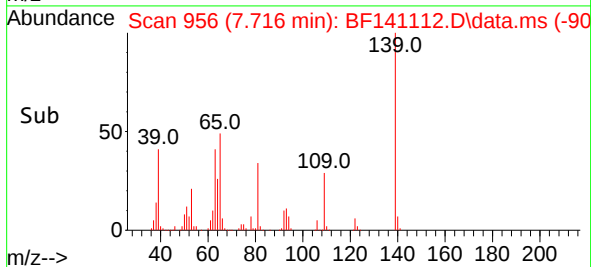
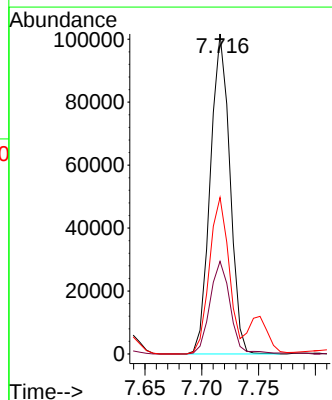
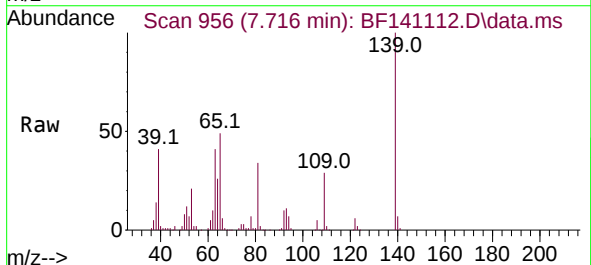
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

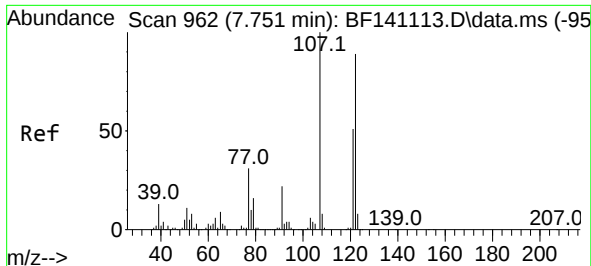
Tgt Ion: 82 Resp: 432580  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.9 8.9  
138 18.2 14.2 21.2



#26  
2-Nitrophenol  
Concen: 21.198 ng  
RT: 7.716 min Scan# 956  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:139 Resp: 121643  
Ion Ratio Lower Upper  
139 100  
109 29.0 23.8 35.6  
65 48.9 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 20.686 ng

RT: 7.751 min Scan# 962

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

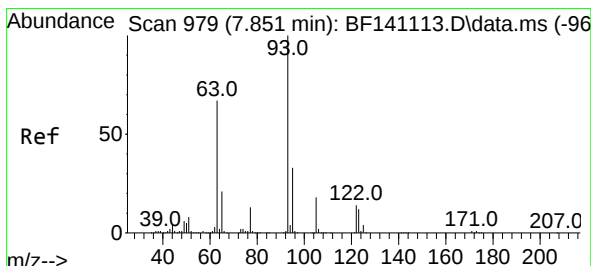
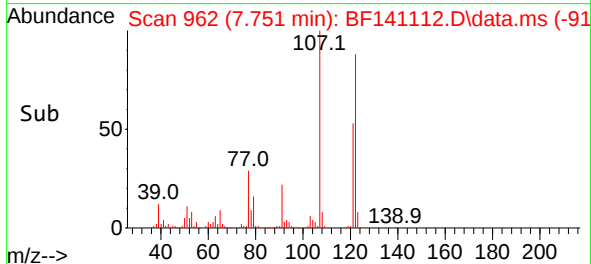
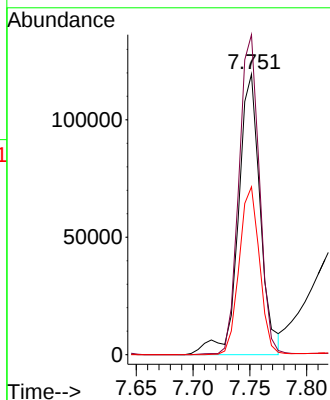
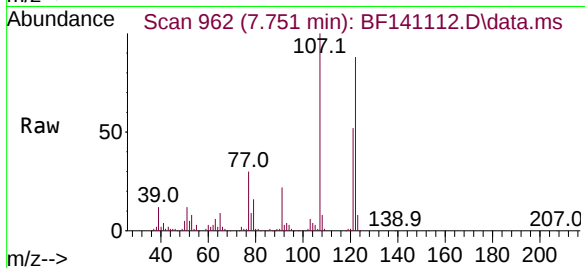
Tgt Ion:122 Resp: 160116

Ion Ratio Lower Upper

122 100

107 114.1 90.3 135.5

121 59.9 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 21.233 ng

RT: 7.851 min Scan# 979

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

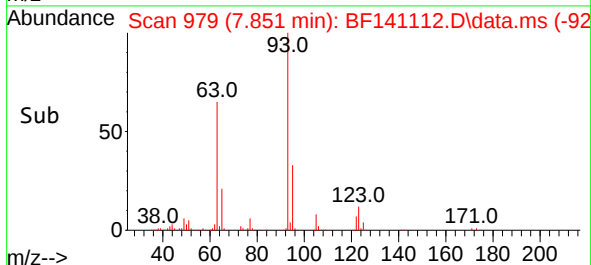
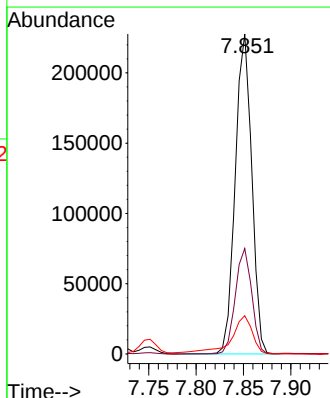
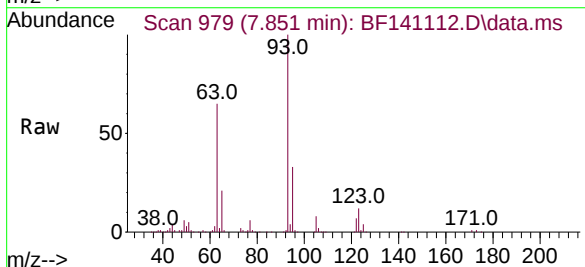
Tgt Ion: 93 Resp: 275641

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.0 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 20.966 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

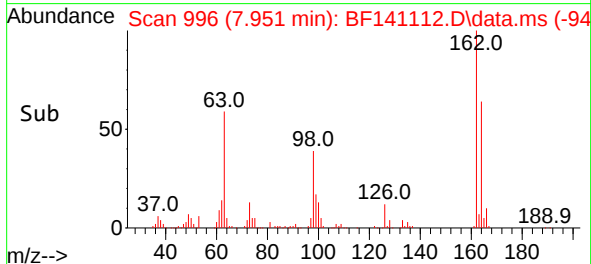
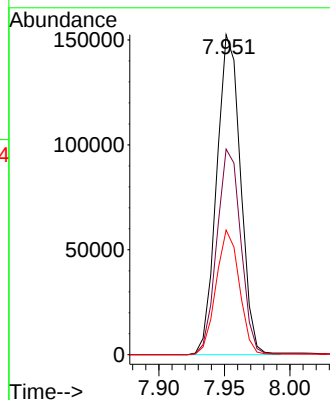
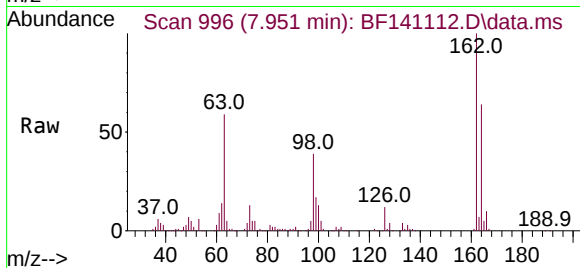
Tgt Ion:162 Resp: 192733

Ion Ratio Lower Upper

162 100

164 64.3 44.5 84.5

98 39.0 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 21.231 ng

RT: 8.045 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

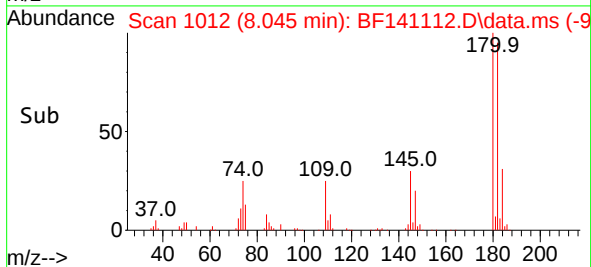
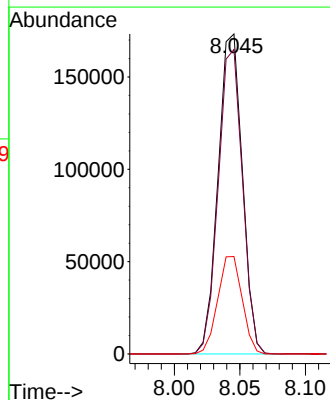
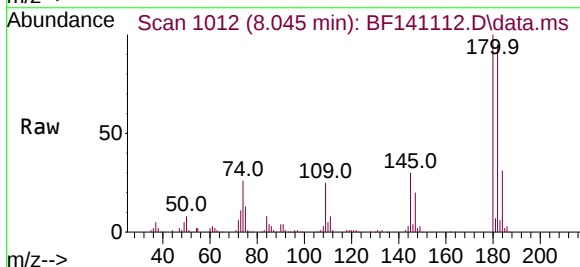
Tgt Ion:180 Resp: 223082

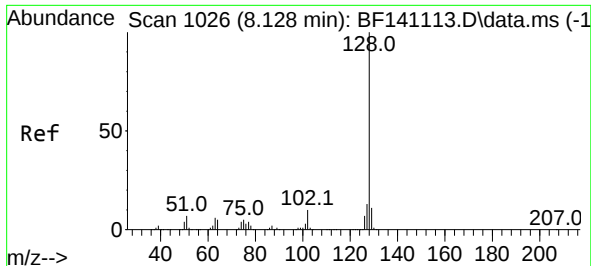
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 30.5 25.3 37.9

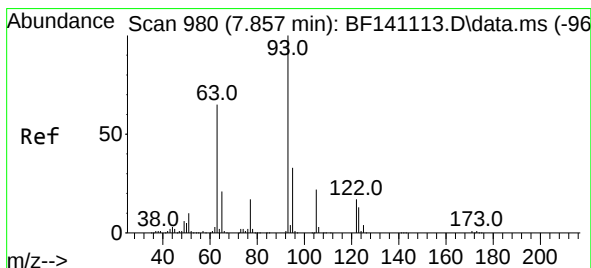
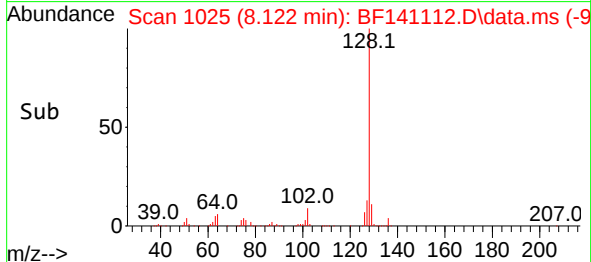
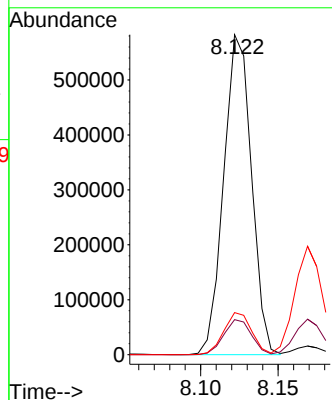
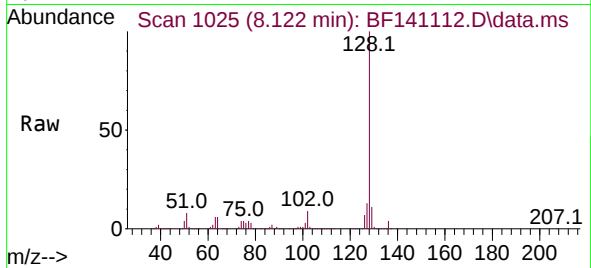




#31  
Naphthalene  
Concen: 21.450 ng  
RT: 8.122 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

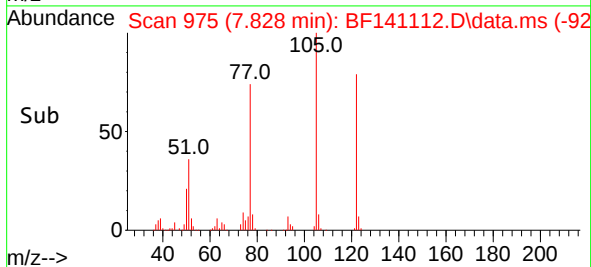
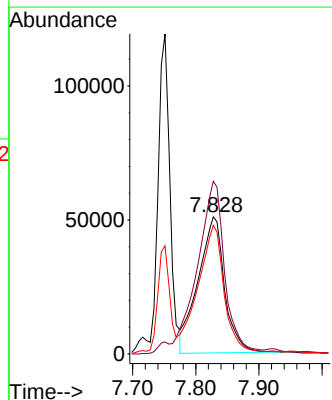
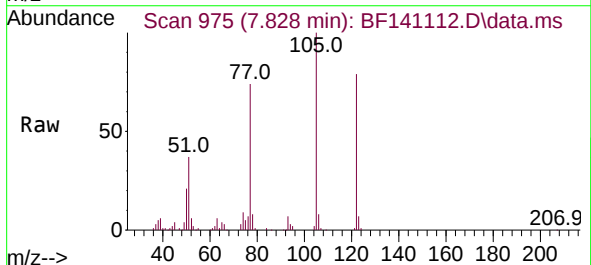
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:128 Resp: 725773  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.2 10.8 16.2



#32  
Benzoic acid  
Concen: 19.932 ng  
RT: 7.828 min Scan# 975  
Delta R.T. -0.029 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:122 Resp: 147997  
Ion Ratio Lower Upper  
122 100  
105 125.9 105.5 145.5  
77 93.7 75.1 115.1





#33

4-Chloroaniline

Concen: 21.190 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 247958

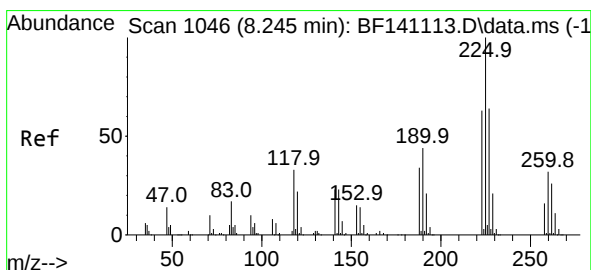
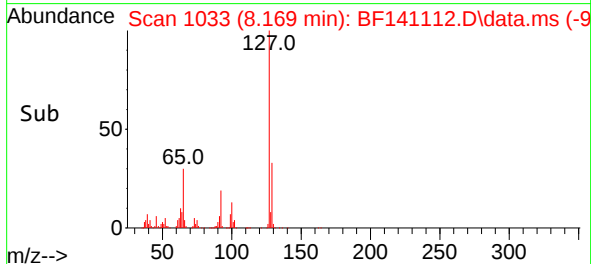
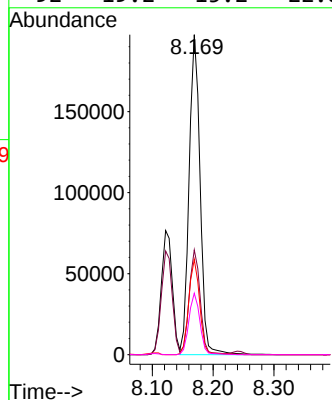
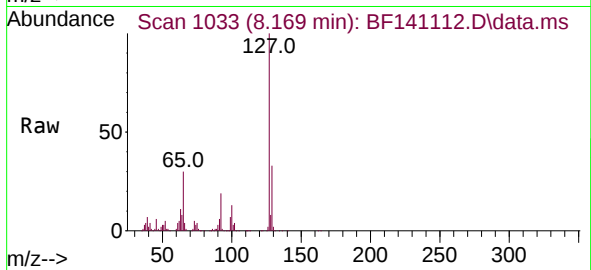
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 29.7 23.8 35.8

92 19.2 15.2 22.8



#34

Hexachlorobutadiene

Concen: 21.028 ng

RT: 8.245 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

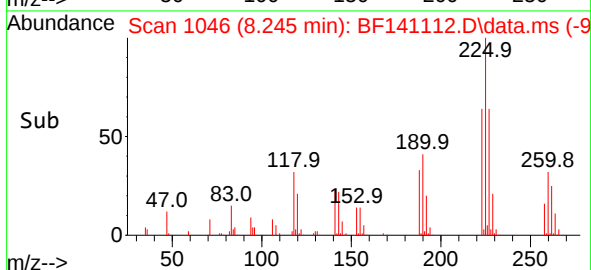
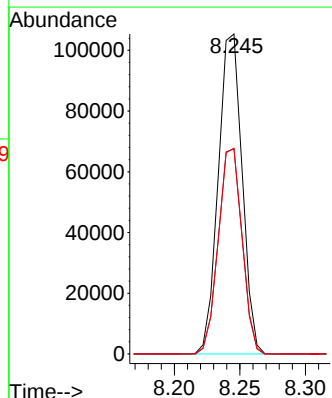
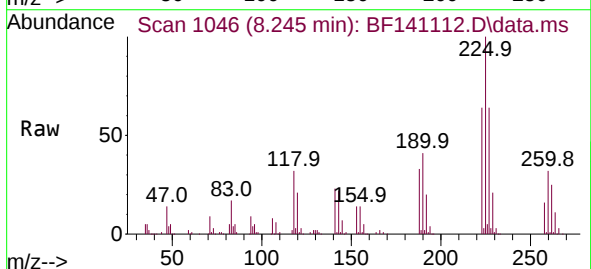
Tgt Ion:225 Resp: 133140

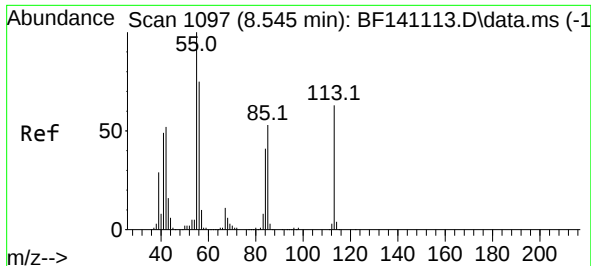
Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

227 64.3 51.6 77.4

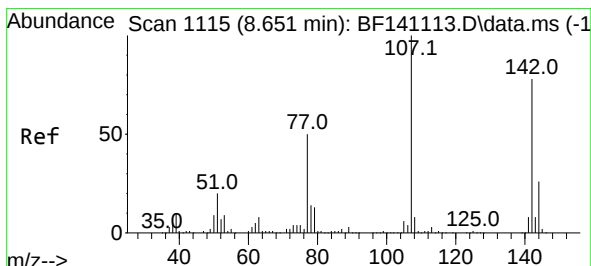
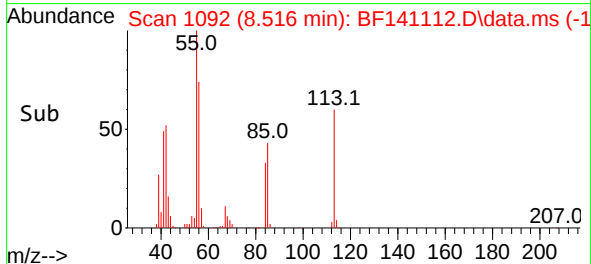
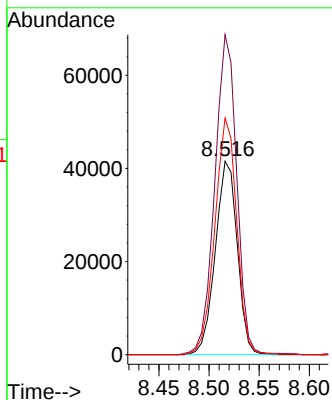
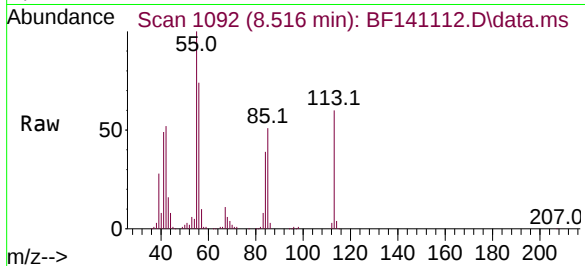




#35  
 Caprolactam  
 Concen: 20.967 ng  
 RT: 8.516 min Scan# 1092  
 Delta R.T. -0.029 min  
 Lab File: BF141112.D  
 Acq: 10 Jan 2025 14:10

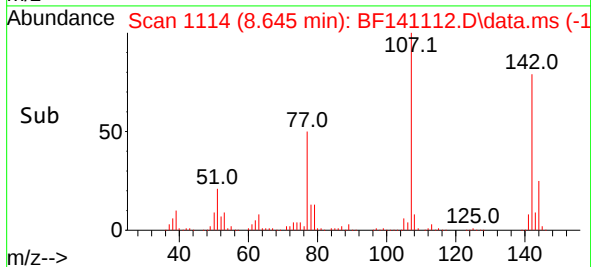
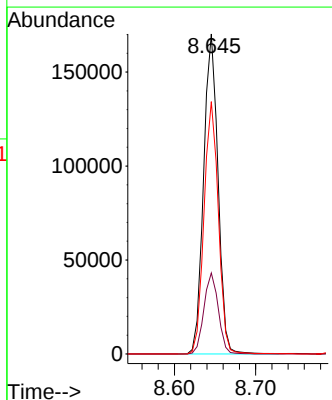
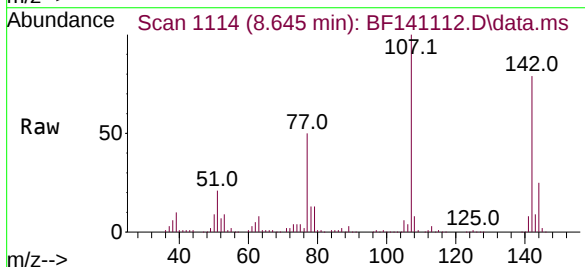
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

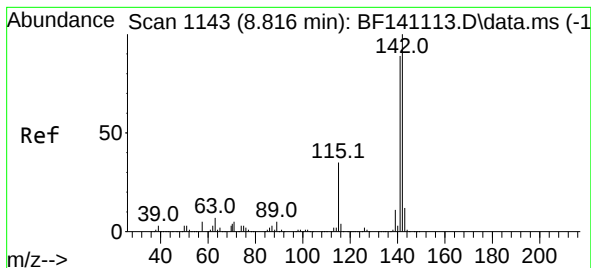
Tgt Ion:113 Resp: 63223  
 Ion Ratio Lower Upper  
 113 100  
 55 165.4 139.7 179.7  
 56 122.3 99.4 139.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 20.854 ng  
 RT: 8.645 min Scan# 1114  
 Delta R.T. -0.006 min  
 Lab File: BF141112.D  
 Acq: 10 Jan 2025 14:10

Tgt Ion:107 Resp: 209656  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 20.4 30.6  
 142 78.8 62.2 93.2





#37

2-Methylnaphthalene

Concen: 21.136 ng

RT: 8.816 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

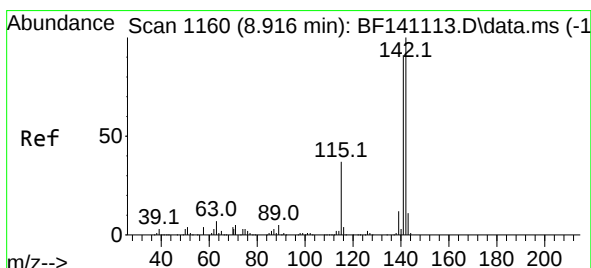
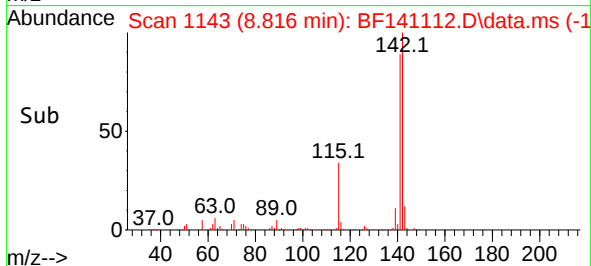
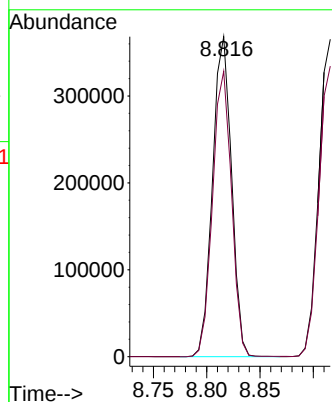
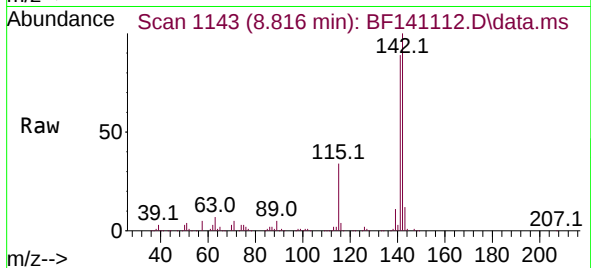
SSTDICC020

Tgt Ion:142 Resp: 455728

Ion Ratio Lower Upper

142 100

141 89.2 71.3 106.9



#38

1-Methylnaphthalene

Concen: 21.434 ng

RT: 8.916 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF141112.D

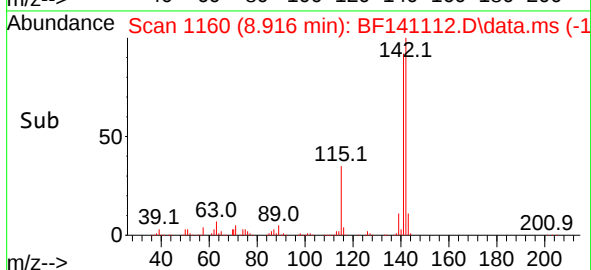
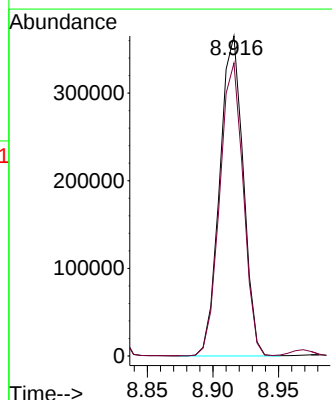
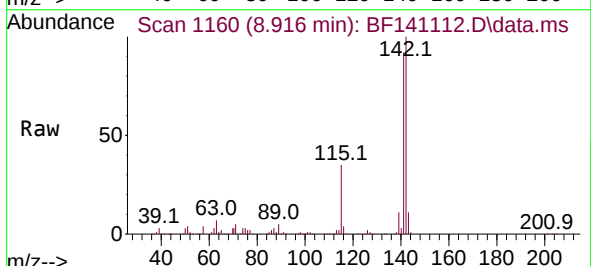
Acq: 10 Jan 2025 14:10

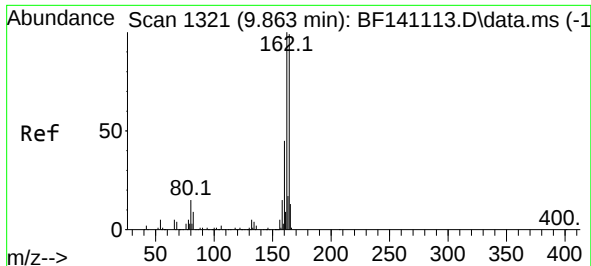
Tgt Ion:142 Resp: 455467

Ion Ratio Lower Upper

142 100

141 91.5 73.1 109.7

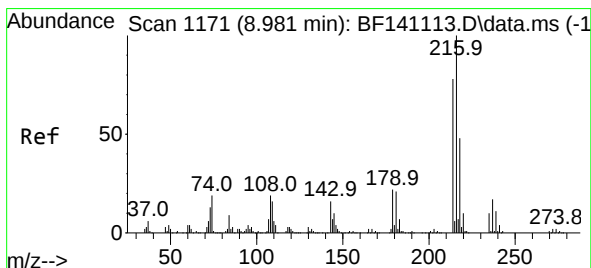
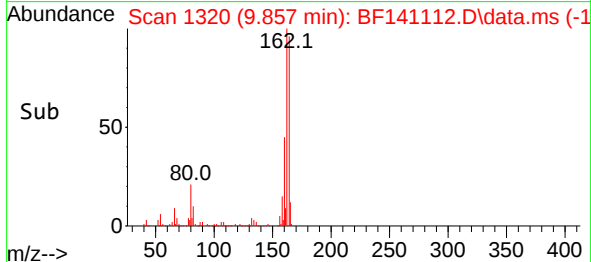
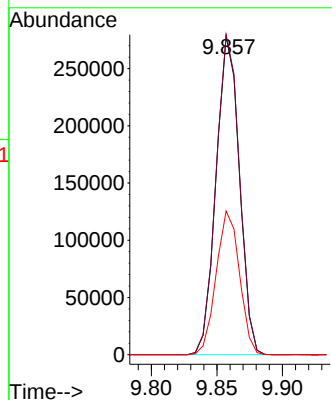
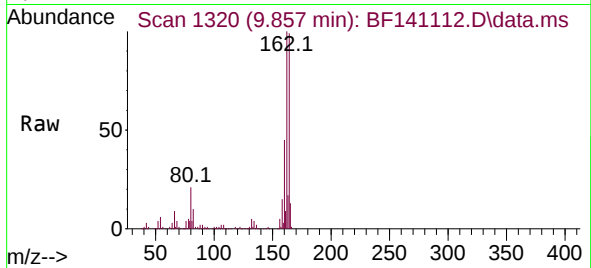




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.857 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

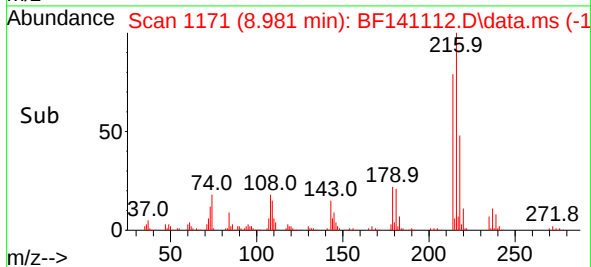
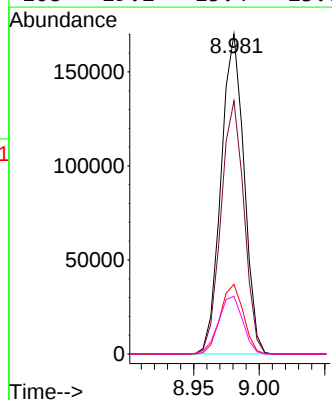
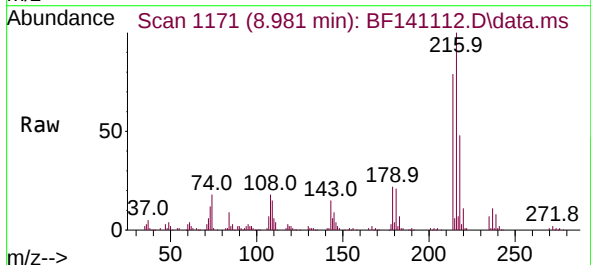
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:164 Resp: 342827  
Ion Ratio Lower Upper  
164 100  
162 100.5 81.0 121.4  
160 45.1 36.1 54.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 21.053 ng  
RT: 8.981 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:216 Resp: 207159  
Ion Ratio Lower Upper  
216 100  
214 79.1 62.6 94.0  
179 21.8 17.7 26.5  
108 19.2 15.4 23.0

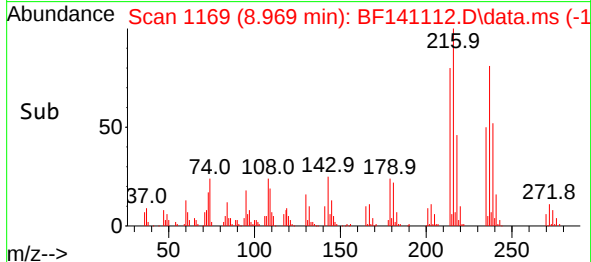
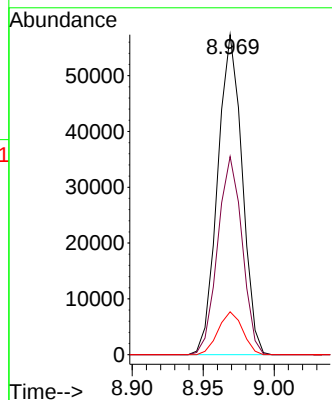
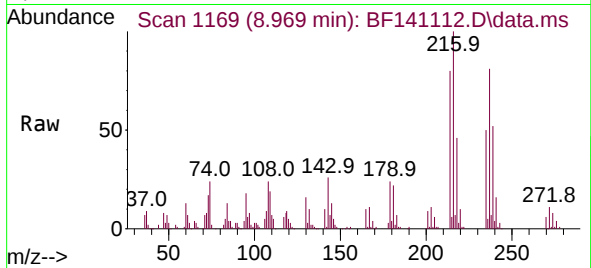




#41  
Hexachlorocyclopentadiene  
Concen: 21.381 ng  
RT: 8.969 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

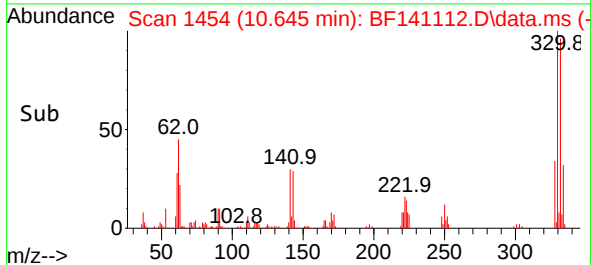
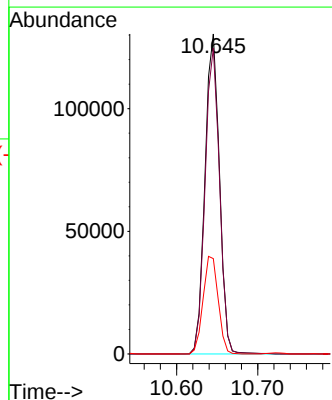
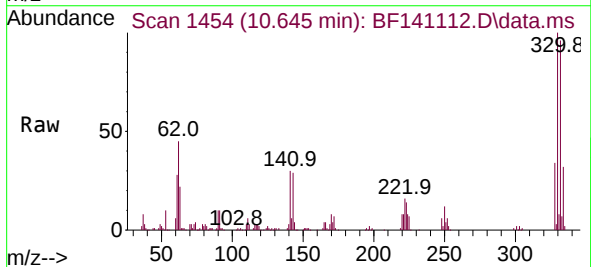
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

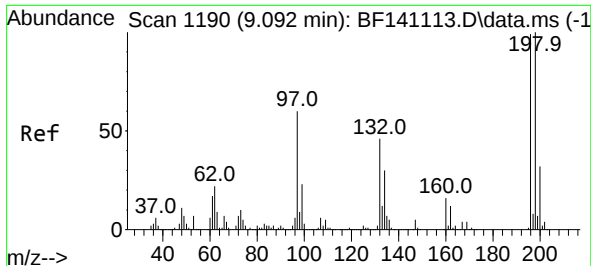
Tgt Ion:237 Resp: 68830  
Ion Ratio Lower Upper  
237 100  
235 61.9 43.0 83.0  
272 13.4 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 41.297 ng  
RT: 10.645 min Scan# 1454  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:330 Resp: 161318  
Ion Ratio Lower Upper  
330 100  
332 95.6 76.9 115.3  
141 31.8 25.2 37.8

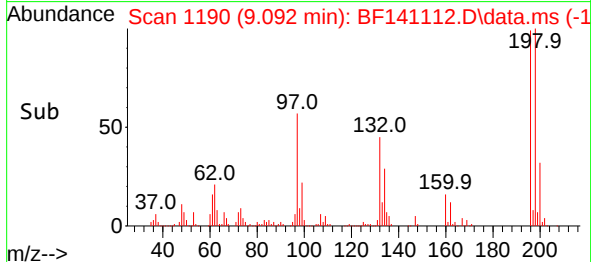
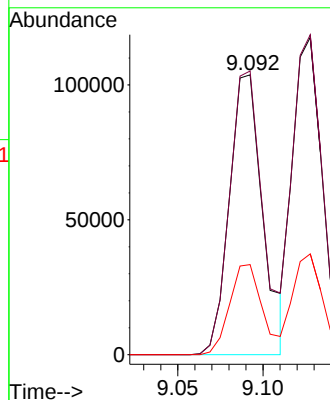
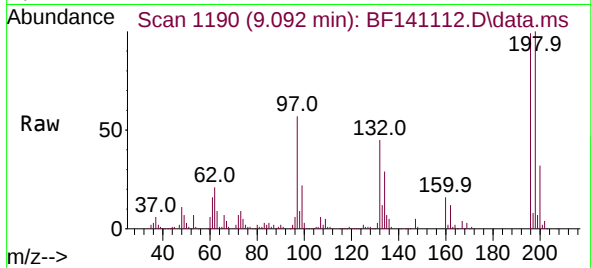




#43  
2,4,6-Trichlorophenol  
Concen: 21.263 ng  
RT: 9.092 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

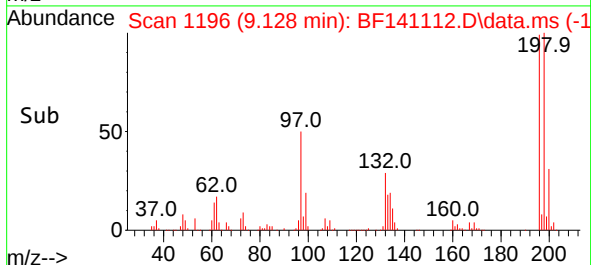
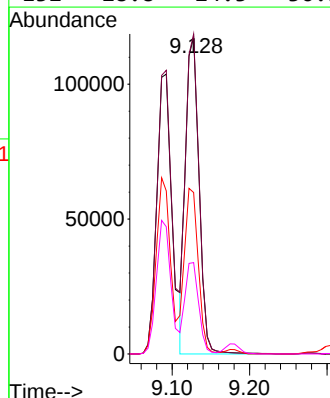
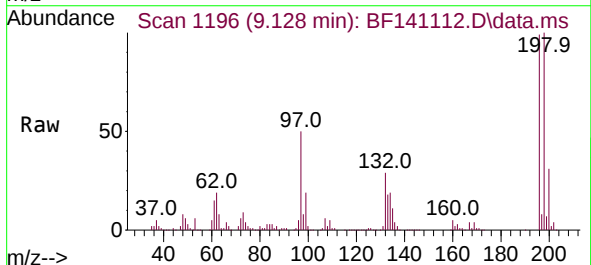
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

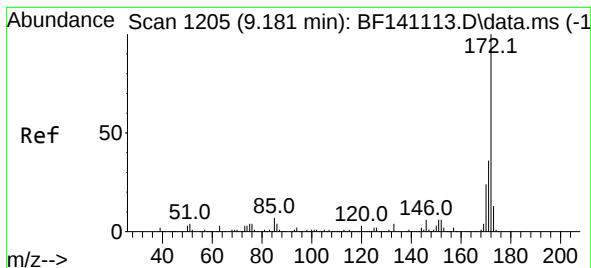
Tgt Ion:196 Resp: 141110  
Ion Ratio Lower Upper  
196 100  
198 101.3 80.8 121.2  
200 32.2 25.7 38.5



#44  
2,4,5-Trichlorophenol  
Concen: 20.463 ng  
RT: 9.128 min Scan# 1196  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:196 Resp: 143420  
Ion Ratio Lower Upper  
196 100  
198 100.8 80.6 120.8  
97 50.9 43.1 64.7  
132 28.8 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 43.009 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

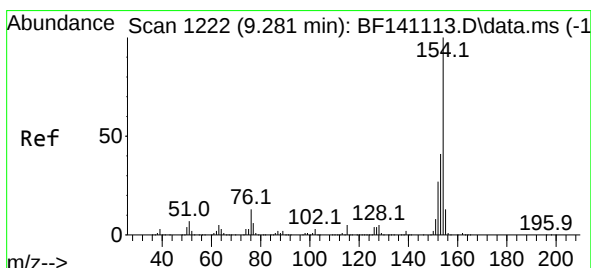
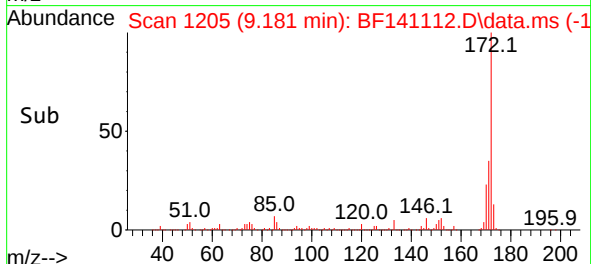
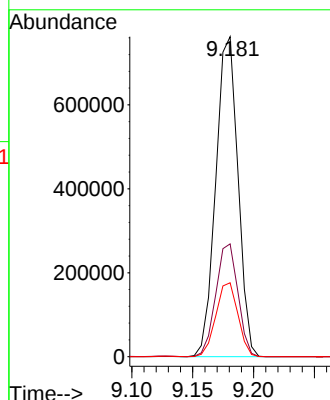
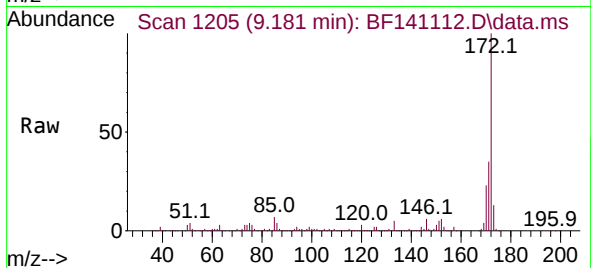
Tgt Ion:172 Resp: 965569

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 21.294 ng

RT: 9.281 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

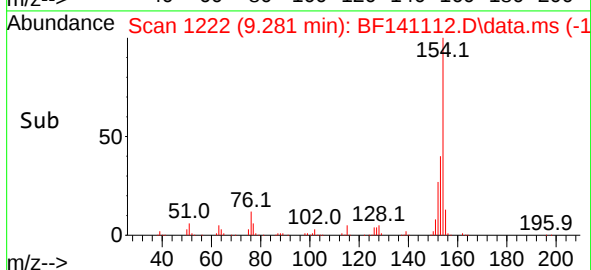
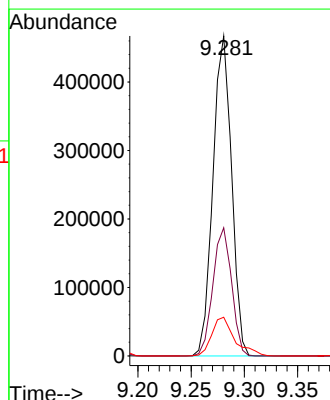
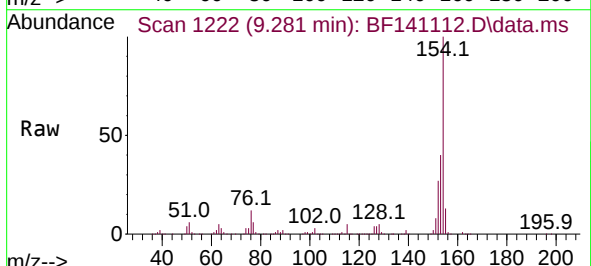
Tgt Ion:154 Resp: 566930

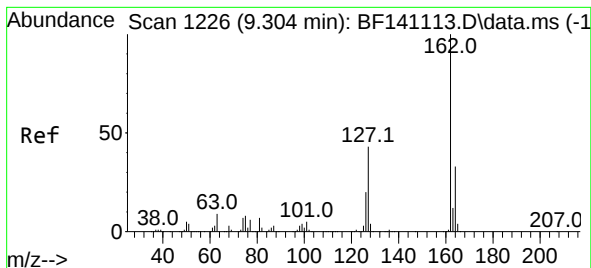
Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

76 12.1 0.0 33.1





#47

2-Chloronaphthalene

Concen: 21.045 ng

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

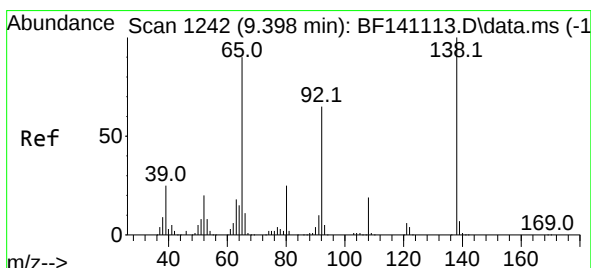
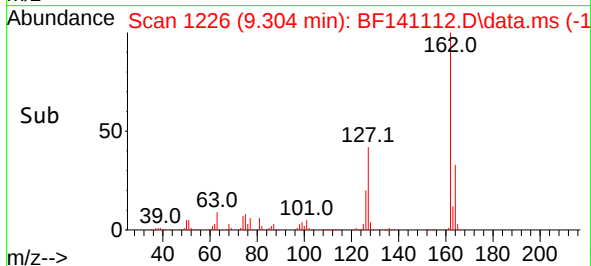
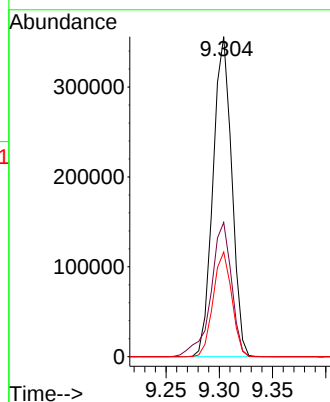
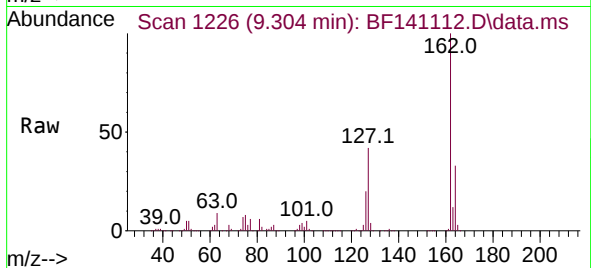
Tgt Ion:162 Resp: 436413

Ion Ratio Lower Upper

162 100

127 42.0 34.6 51.8

164 32.7 26.5 39.7



#48

2-Nitroaniline

Concen: 20.379 ng

RT: 9.392 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

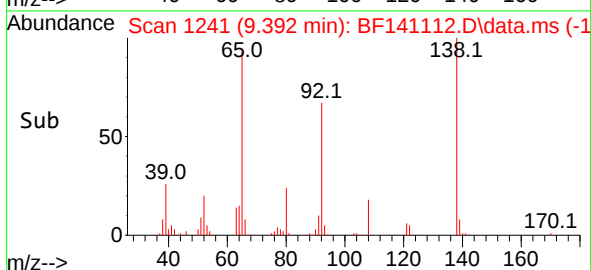
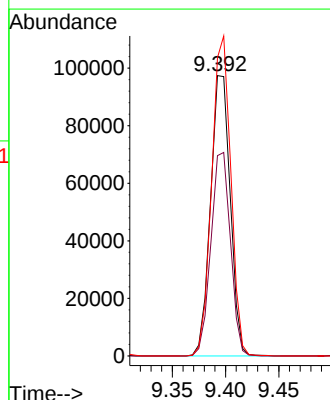
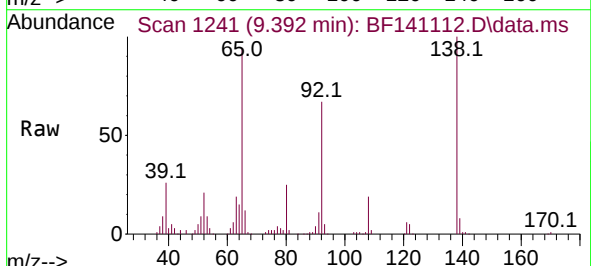
Tgt Ion: 65 Resp: 125270

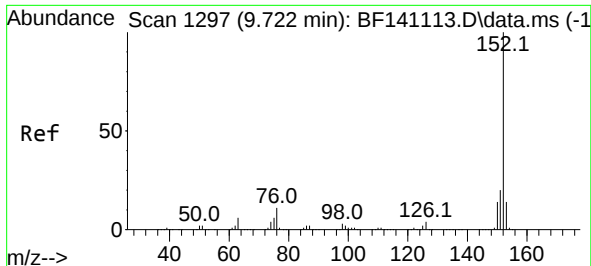
Ion Ratio Lower Upper

65 100

92 71.4 58.3 87.5

138 106.4 89.1 133.7





#49

Acenaphthylene

Concen: 21.182 ng

RT: 9.716 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

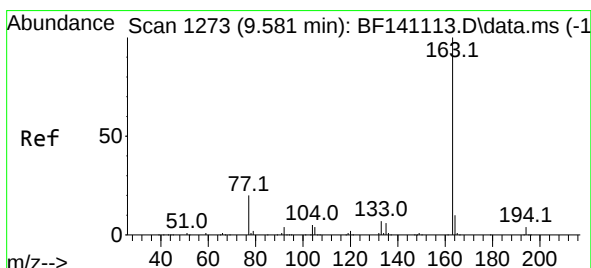
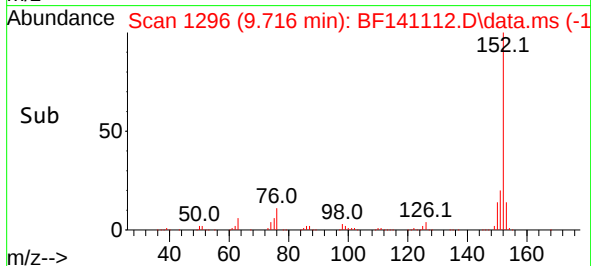
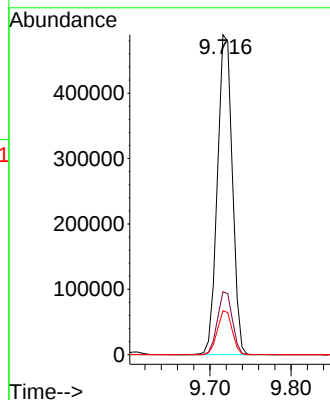
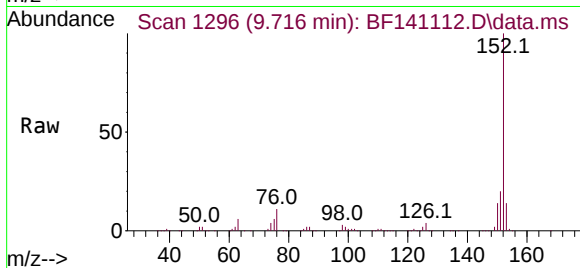
Tgt Ion:152 Resp: 627543

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 13.7 11.1 16.7



#50

Dimethylphthalate

Concen: 20.907 ng

RT: 9.575 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

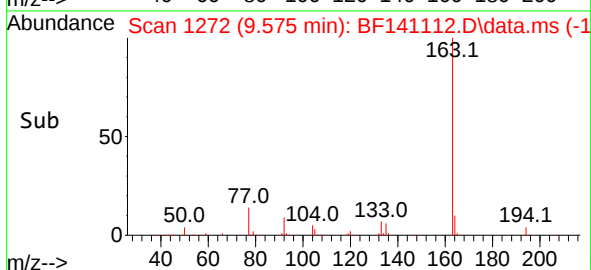
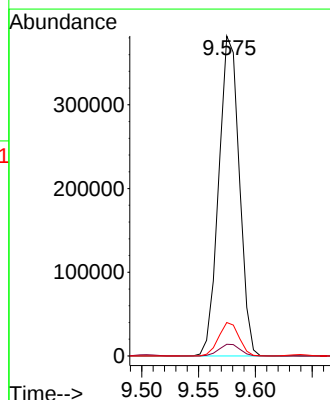
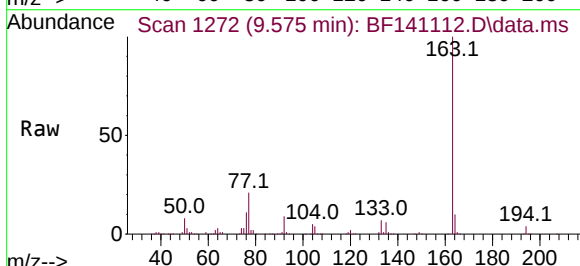
Tgt Ion:163 Resp: 481191

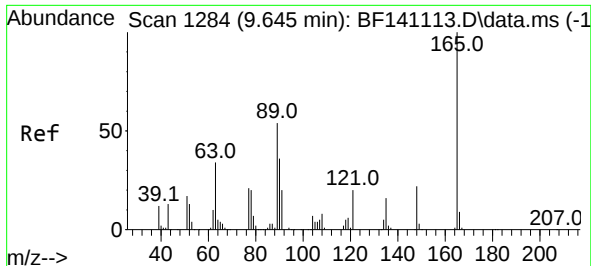
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 21.038 ng

RT: 9.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

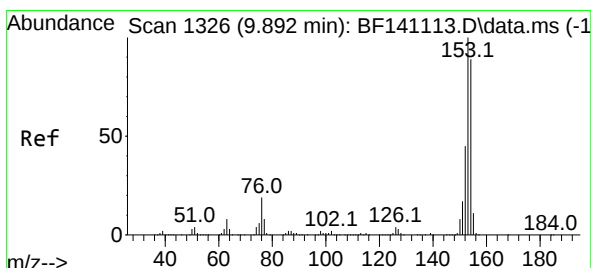
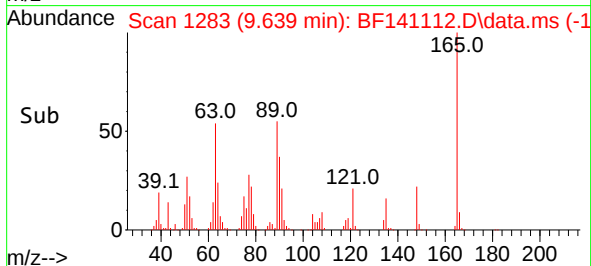
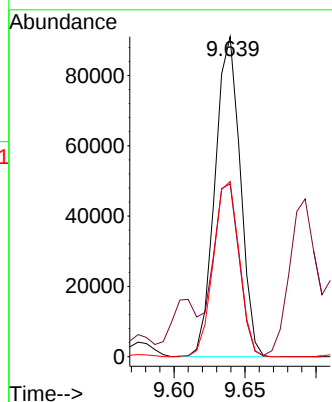
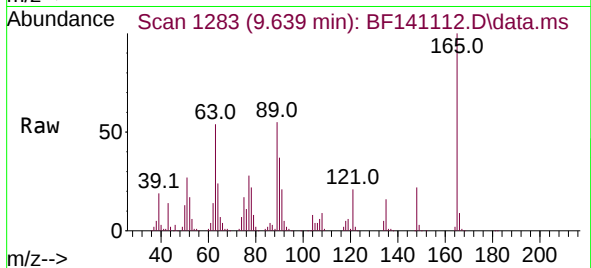
Tgt Ion:165 Resp: 112600

Ion Ratio Lower Upper

165 100

63 54.0 42.3 63.5

89 54.7 43.1 64.7



#52

Acenaphthene

Concen: 21.094 ng

RT: 9.892 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

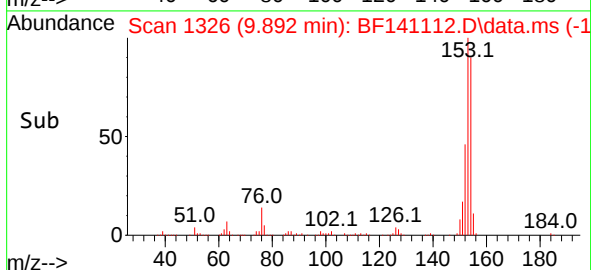
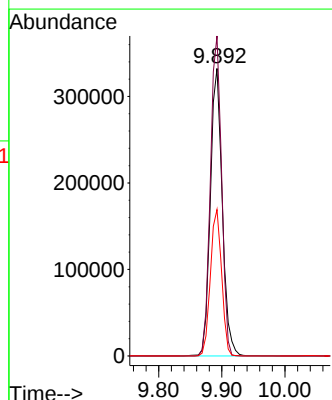
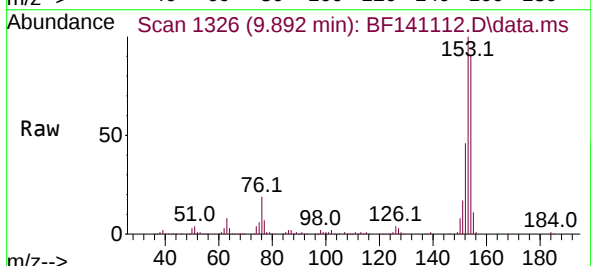
Tgt Ion:154 Resp: 436615

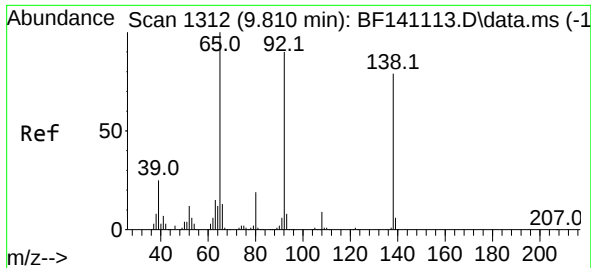
Ion Ratio Lower Upper

154 100

153 111.3 89.8 134.6

152 50.9 40.8 61.2

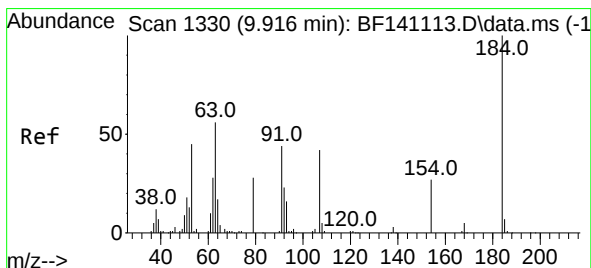
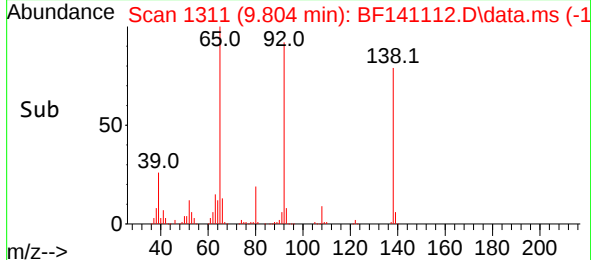
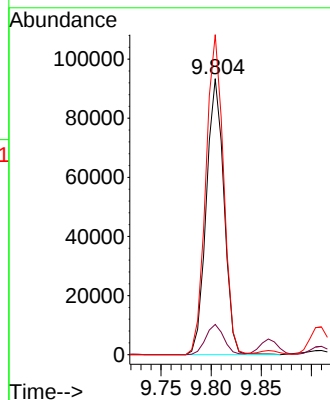
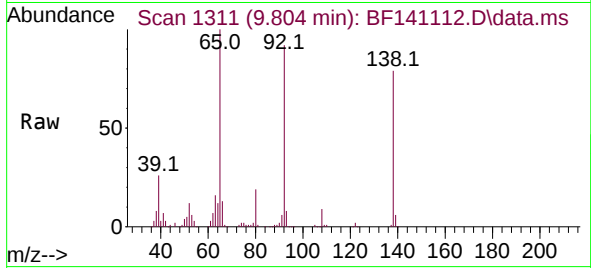




#53  
3-Nitroaniline  
Concen: 20.994 ng  
RT: 9.804 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

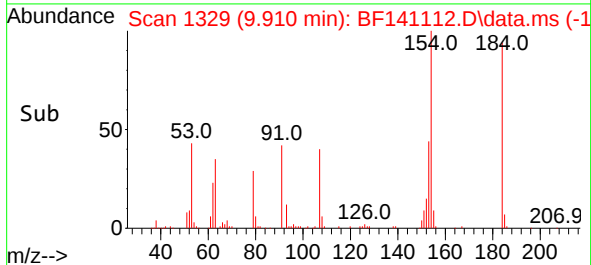
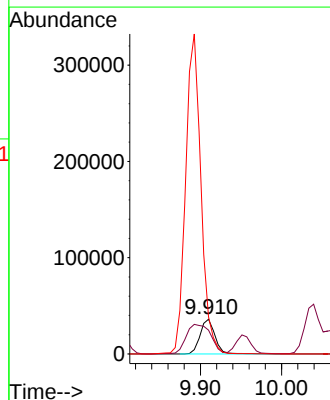
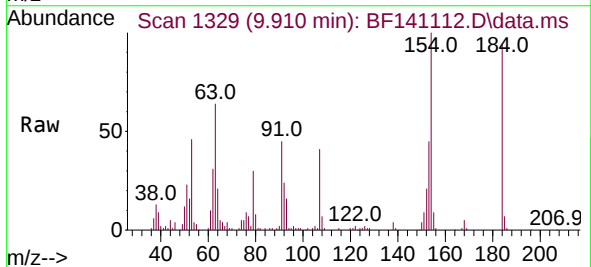
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

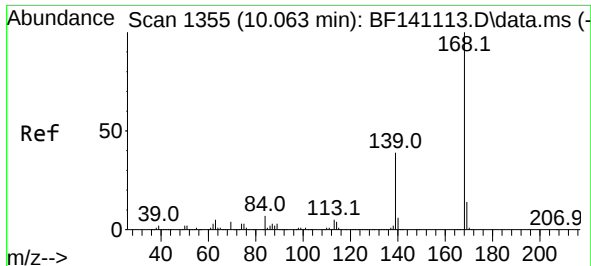
Tgt Ion:138 Resp: 114181  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.8 13.2  
92 116.0 91.3 136.9



#54  
2,4-Dinitrophenol  
Concen: 17.982 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:184 Resp: 45746  
Ion Ratio Lower Upper  
184 100  
63 68.6 48.7 73.1  
154 106.9 57.1 85.7#

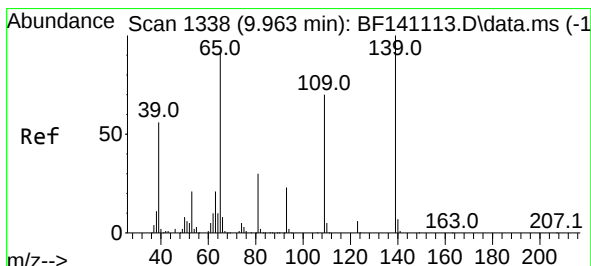
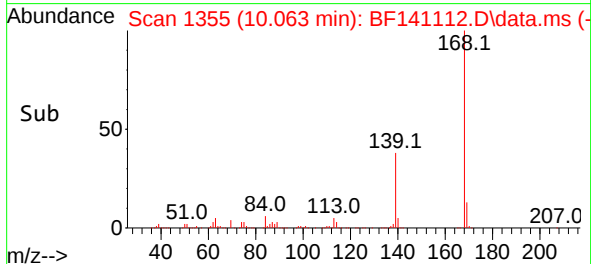
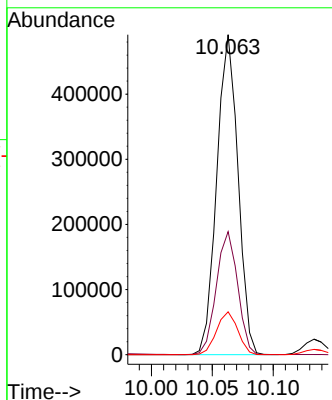
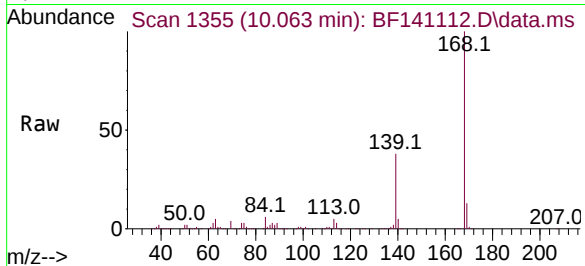




#55  
Dibenzofuran  
Concen: 21.167 ng  
RT: 10.063 min Scan# 1355  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

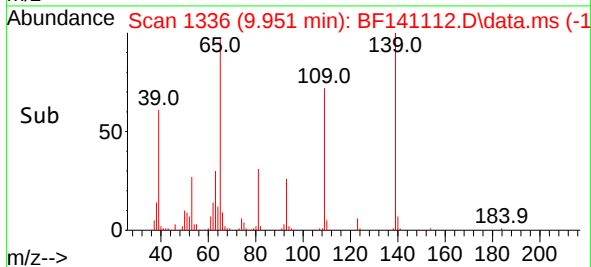
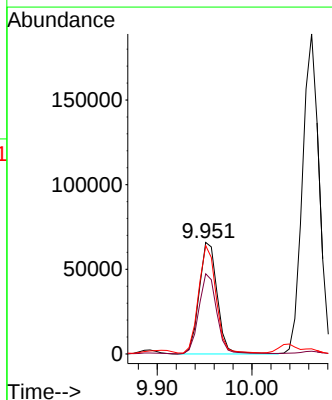
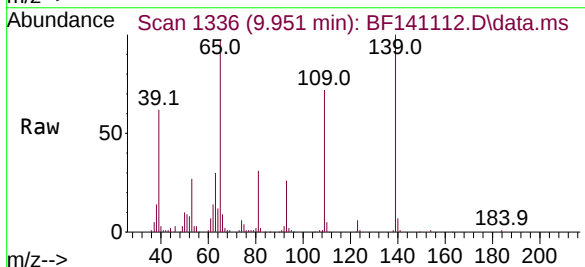
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

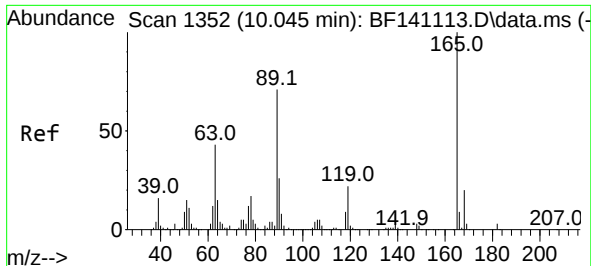
Tgt Ion:168 Resp: 595943  
Ion Ratio Lower Upper  
168 100  
139 38.5 31.4 47.0  
169 13.4 10.9 16.3



#56  
4-Nitrophenol  
Concen: 20.509 ng  
RT: 9.951 min Scan# 1336  
Delta R.T. -0.012 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:139 Resp: 87361  
Ion Ratio Lower Upper  
139 100  
109 71.9 50.2 90.2  
65 97.2 72.1 112.1

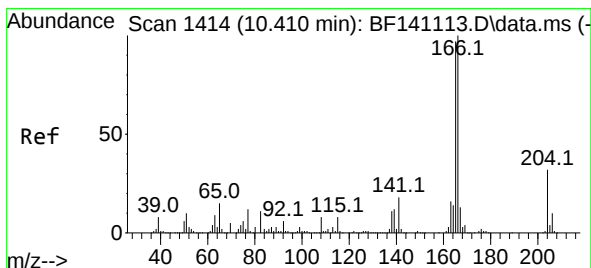
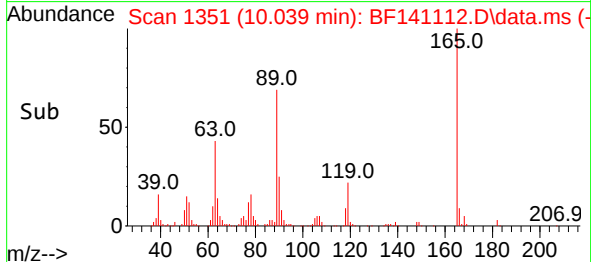
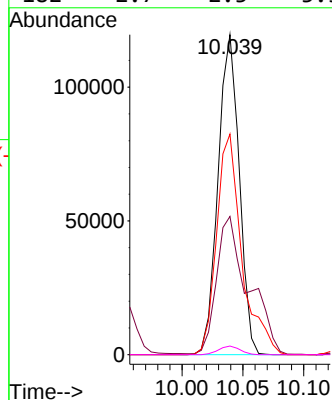
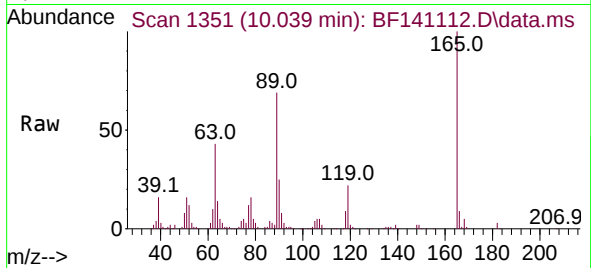




#57  
2,4-Dinitrotoluene  
Concen: 21.023 ng  
RT: 10.039 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

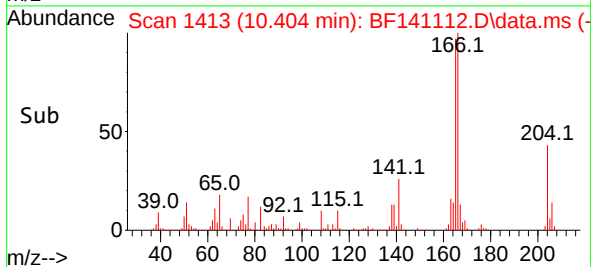
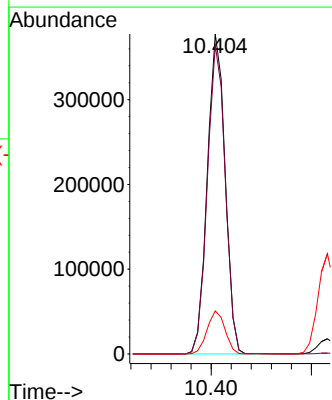
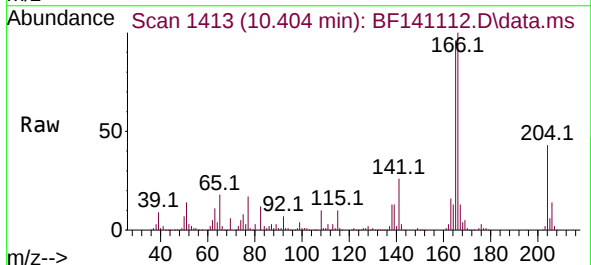
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:165 Resp: 145002  
Ion Ratio Lower Upper  
165 100  
63 43.2 35.0 52.4  
89 68.9 56.7 85.1  
182 2.7 2.3 3.5



#58  
Fluorene  
Concen: 21.305 ng  
RT: 10.404 min Scan# 1413  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:166 Resp: 465998  
Ion Ratio Lower Upper  
166 100  
165 96.5 77.8 116.8  
167 13.5 10.8 16.2

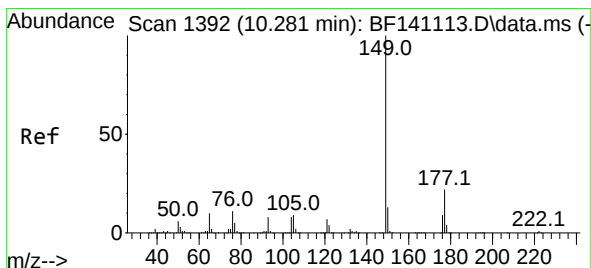
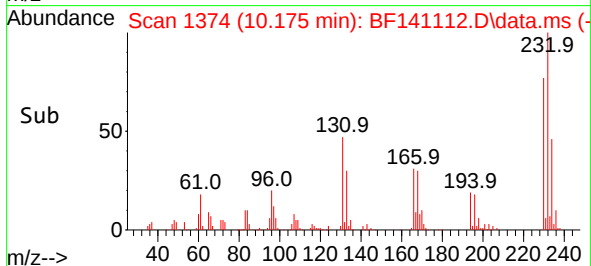
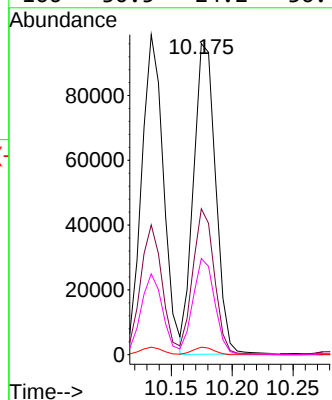
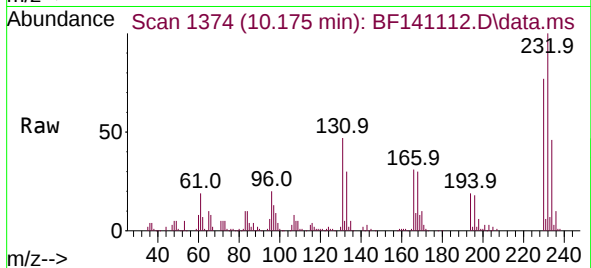




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.823 ng  
RT: 10.175 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

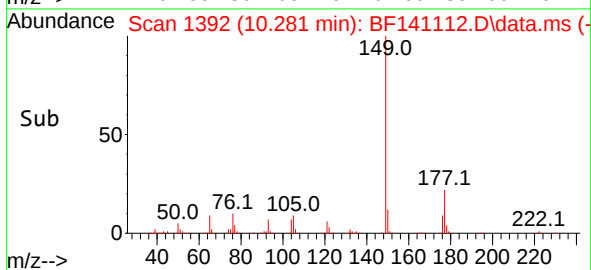
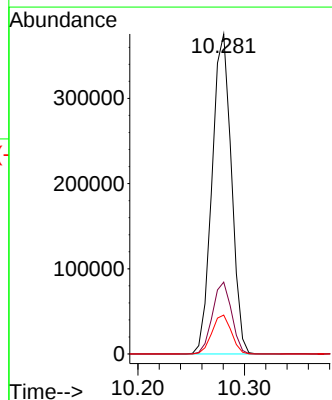
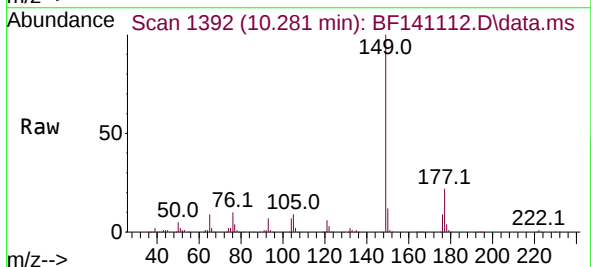
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

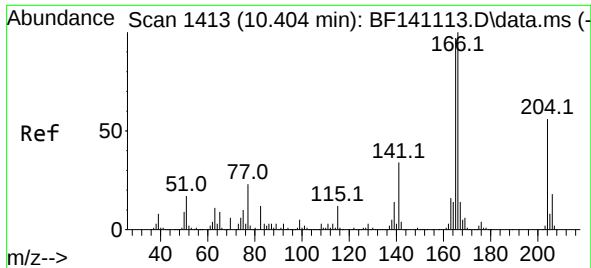
Tgt Ion:232 Resp: 121311  
Ion Ratio Lower Upper  
232 100  
131 45.8 36.2 54.4  
130 2.3 2.0 3.0  
166 30.5 24.2 36.4



#60  
Diethylphthalate  
Concen: 21.028 ng  
RT: 10.281 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:149 Resp: 472480  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.9 26.9  
150 12.2 10.2 15.2

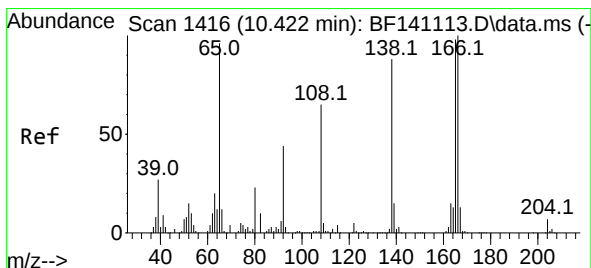
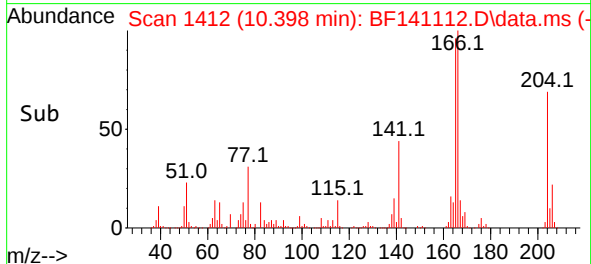
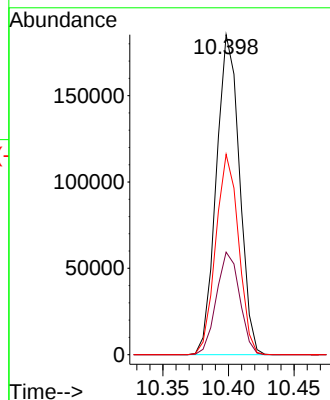
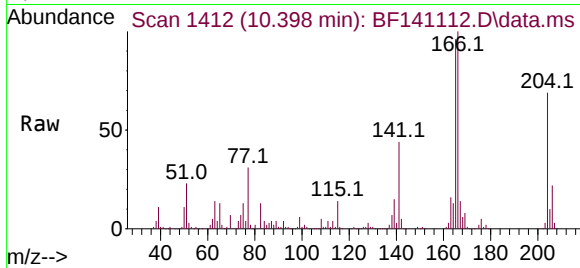




#61  
4-Chlorophenyl-phenylether  
Concen: 21.317 ng  
RT: 10.398 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

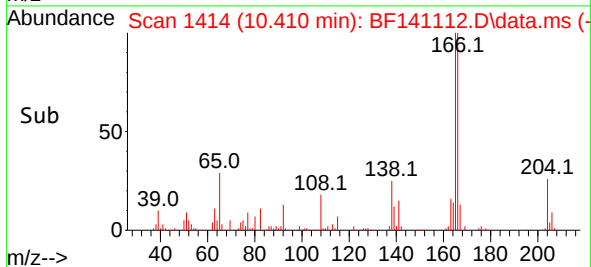
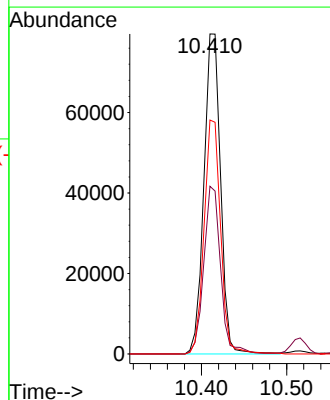
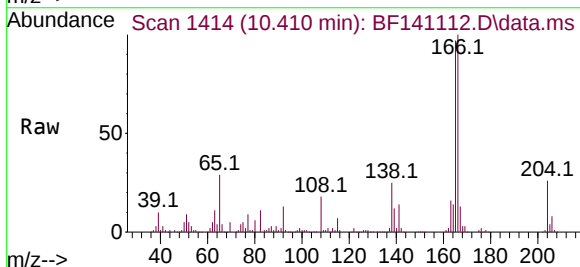
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

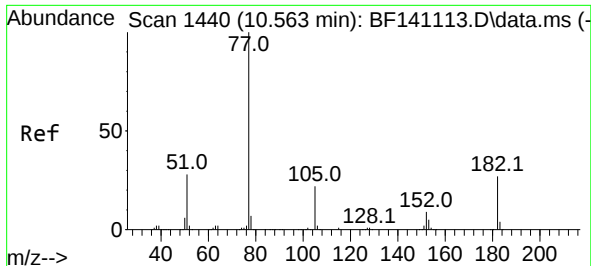
Tgt Ion:204 Resp: 227252  
Ion Ratio Lower Upper  
204 100  
206 32.1 25.9 38.9  
141 62.6 49.1 73.7



#62  
4-Nitroaniline  
Concen: 20.305 ng  
RT: 10.410 min Scan# 1414  
Delta R.T. -0.012 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:138 Resp: 108089  
Ion Ratio Lower Upper  
138 100  
92 52.4 29.4 69.4  
108 73.1 53.7 93.7

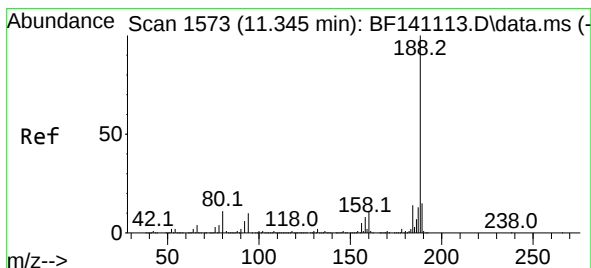
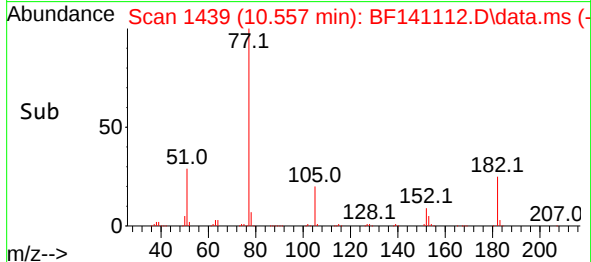
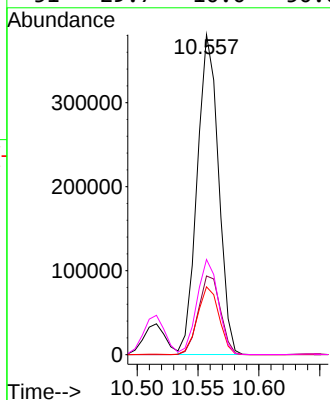
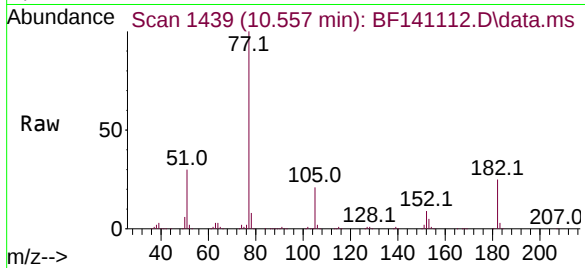




#63  
Azobenzene  
Concen: 20.915 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

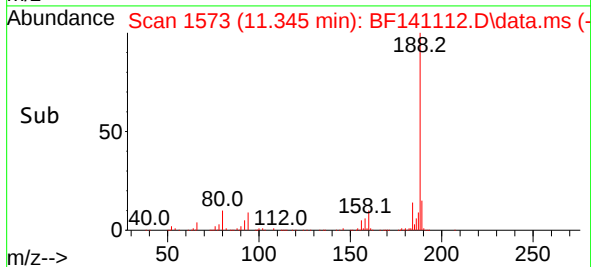
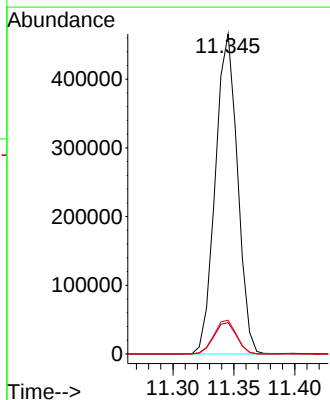
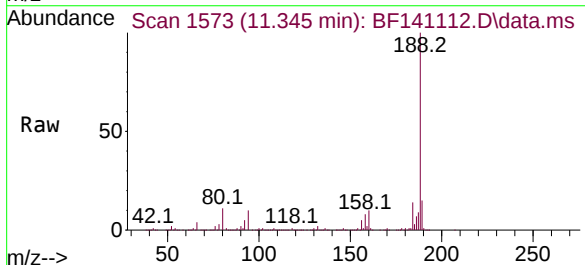
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

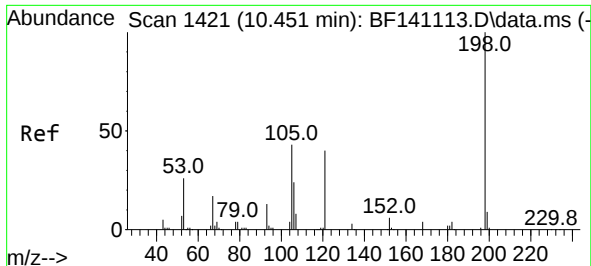
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 463688 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 24.6    | 6.1 46.1     |
| 105 21.2    | 2.1 42.1     |
| 51 29.7     | 10.0 50.0    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.345 min Scan# 1573  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:188 | Resp: 590333 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 188 100     |              |       |  |
| 94 9.8      | 8.3          | 12.5  |  |
| 80 10.5     | 9.0          | 13.4  |  |

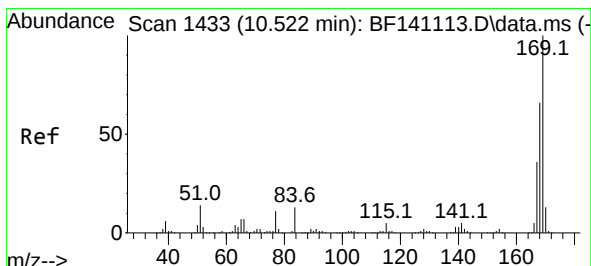
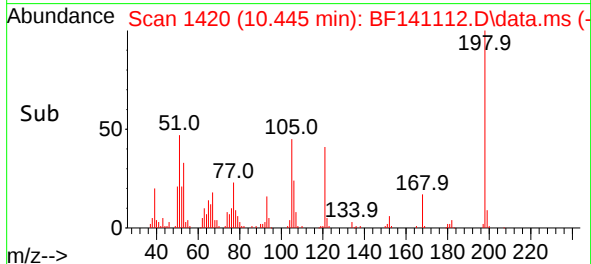
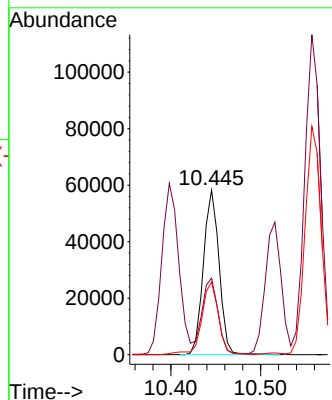
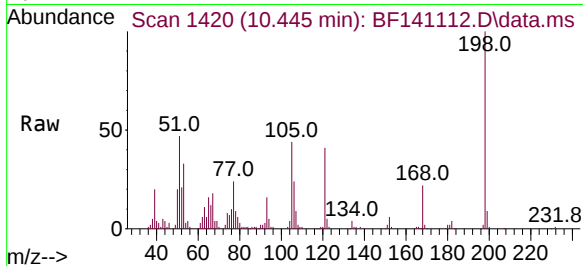




#65  
4,6-Dinitro-2-methylphenol  
Concen: 20.638 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

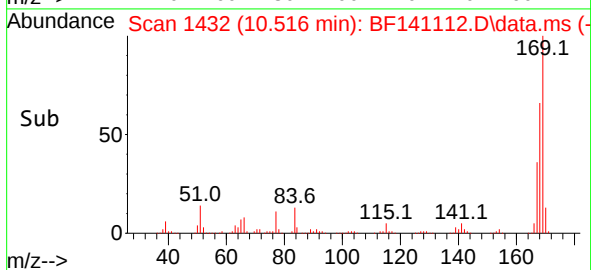
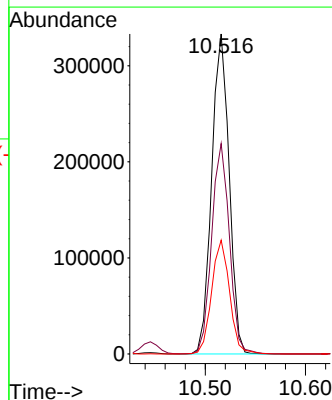
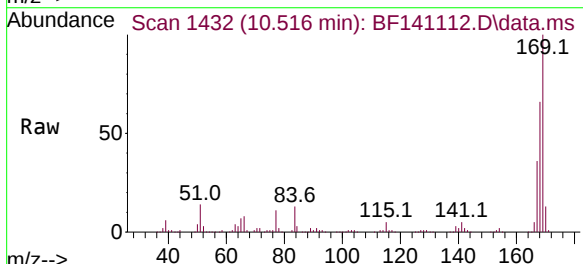
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:198 Resp: 70598  
Ion Ratio Lower Upper  
198 100  
51 46.6 27.1 67.1  
105 44.1 24.2 64.2



#66  
n-Nitrosodiphenylamine  
Concen: 21.188 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:169 Resp: 403436  
Ion Ratio Lower Upper  
169 100  
168 65.8 52.5 78.7  
167 35.5 28.9 43.3

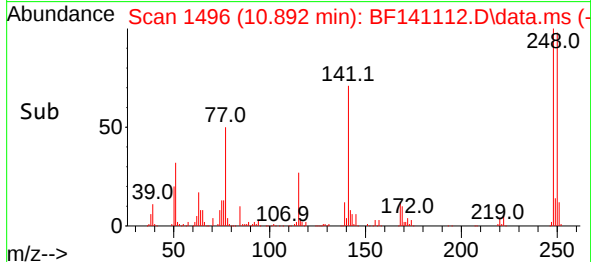
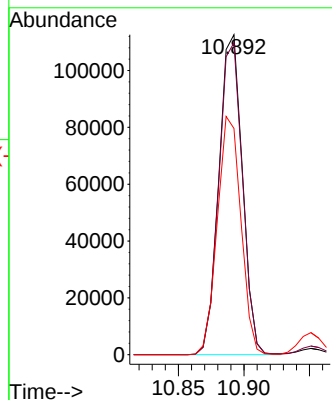
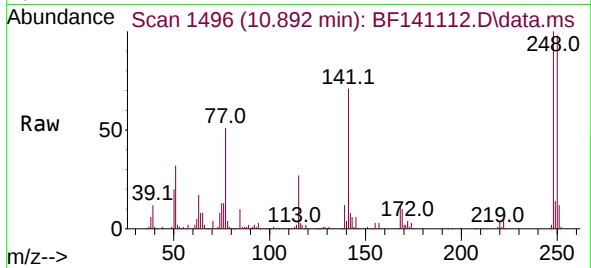




#67  
4-Bromophenyl-phenylether  
Concen: 20.698 ng  
RT: 10.892 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

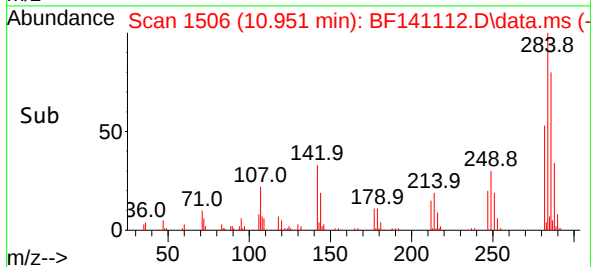
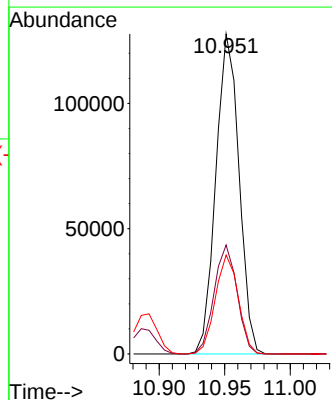
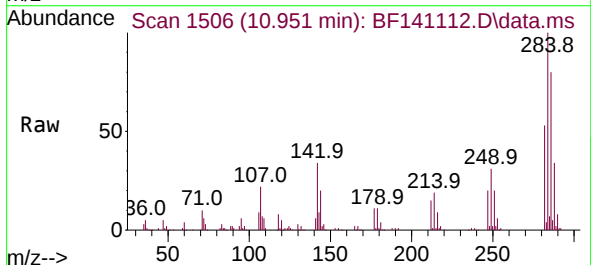
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

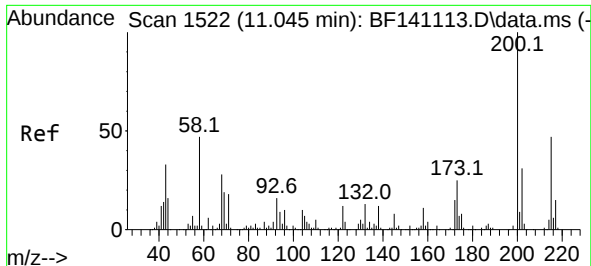
Tgt Ion:248 Resp: 140672  
Ion Ratio Lower Upper  
248 100  
250 97.5 77.9 116.9  
141 70.7 59.9 89.9



#68  
Hexachlorobenzene  
Concen: 20.721 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. -0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:284 Resp: 156770  
Ion Ratio Lower Upper  
284 100  
142 34.1 26.3 39.5  
249 30.9 24.9 37.3

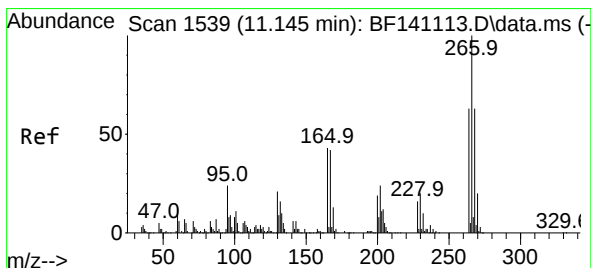
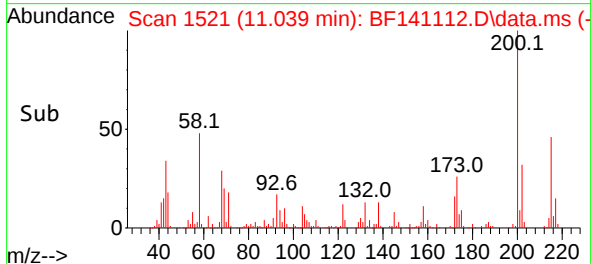
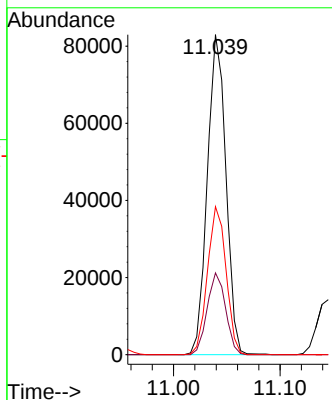
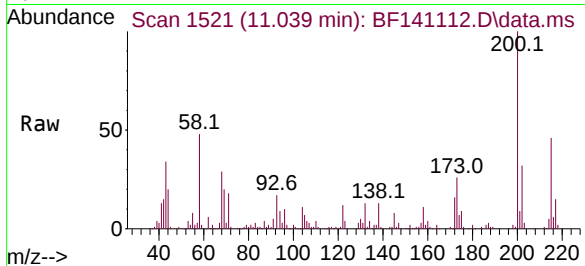




#69  
 Atrazine  
 Concen: 19.607 ng  
 RT: 11.039 min Scan# 1521  
 Delta R.T. -0.006 min  
 Lab File: BF141112.D  
 Acq: 10 Jan 2025 14:10

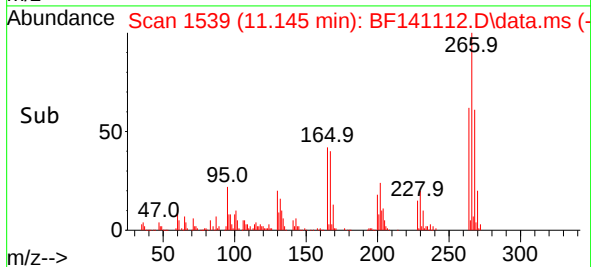
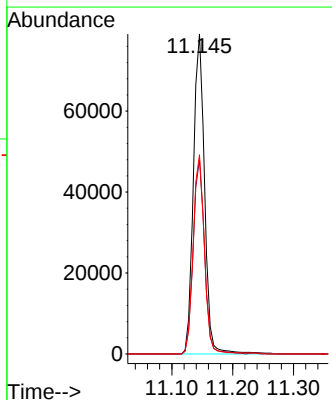
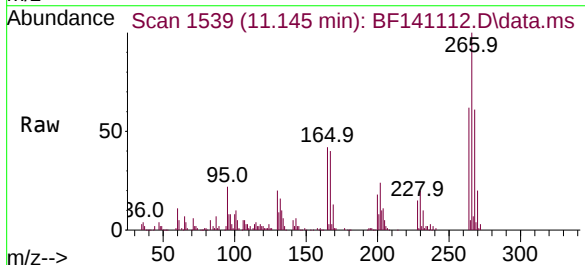
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

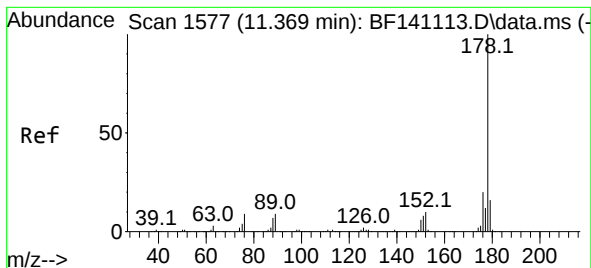
Tgt Ion:200 Resp: 100524  
 Ion Ratio Lower Upper  
 200 100  
 173 25.6 5.4 45.4  
 215 46.2 26.6 66.6



#70  
 Pentachlorophenol  
 Concen: 20.837 ng  
 RT: 11.145 min Scan# 1539  
 Delta R.T. 0.000 min  
 Lab File: BF141112.D  
 Acq: 10 Jan 2025 14:10

Tgt Ion:266 Resp: 100960  
 Ion Ratio Lower Upper  
 266 100  
 268 60.8 50.4 75.6  
 264 62.2 50.2 75.2





#71

Phenanthrene

Concen: 20.891 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

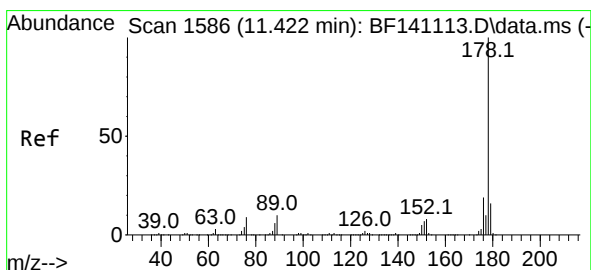
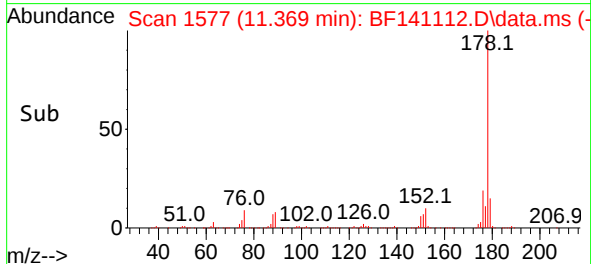
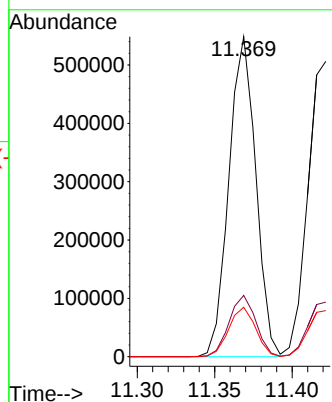
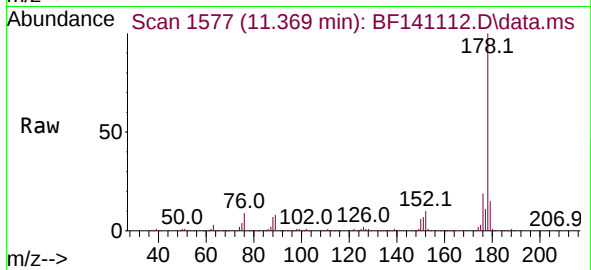
Tgt Ion:178 Resp: 662092

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.4 12.6 19.0



#72

Anthracene

Concen: 20.983 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

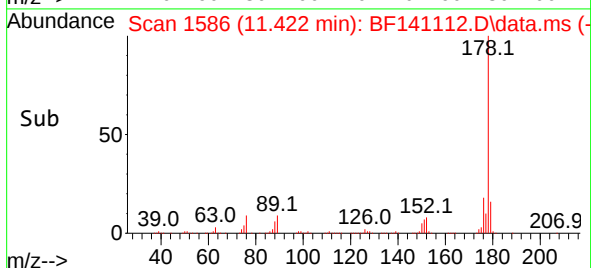
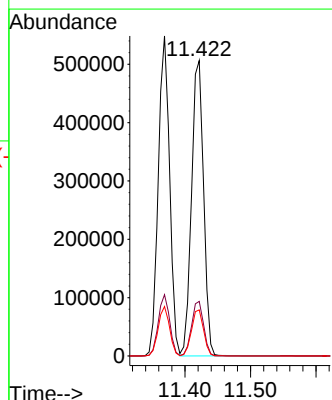
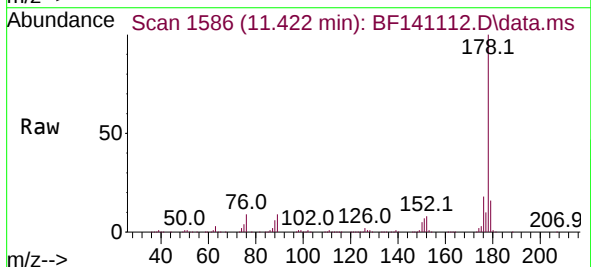
Tgt Ion:178 Resp: 646616

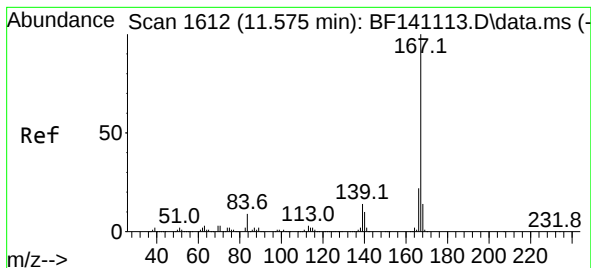
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.6 12.6 19.0





#73

Carbazole

Concen: 21.128 ng

RT: 11.575 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

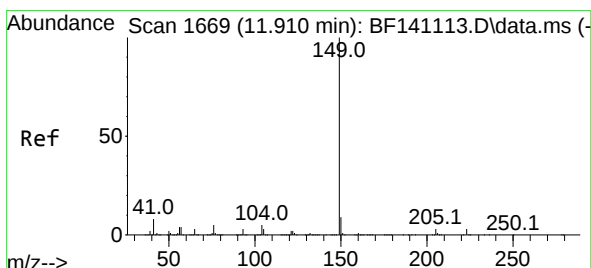
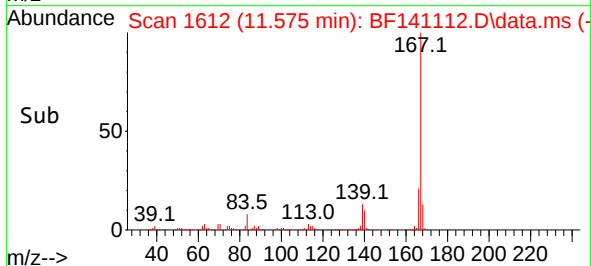
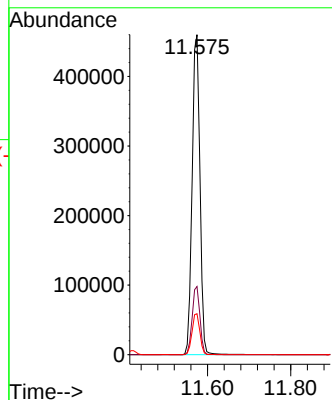
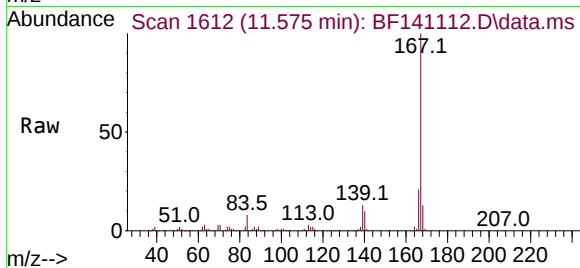
Tgt Ion:167 Resp: 597025

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.2

139 12.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 20.797 ng

RT: 11.910 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

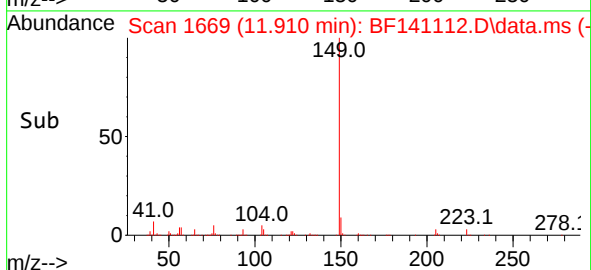
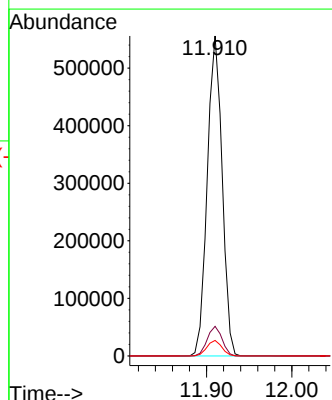
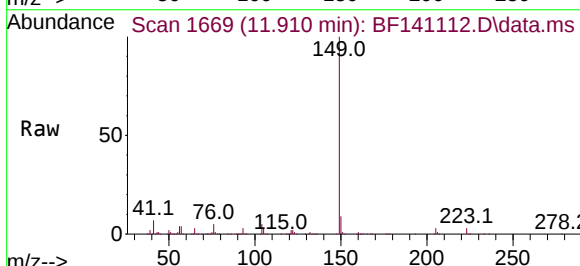
Tgt Ion:149 Resp: 672525

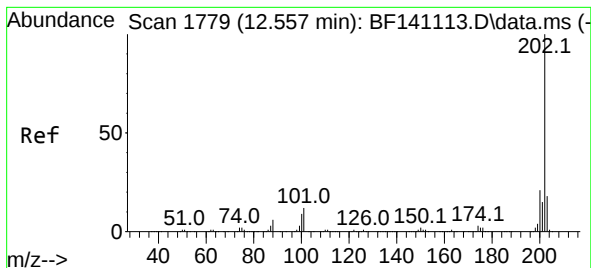
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 20.615 ng

RT: 12.557 min Scan# 1779

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

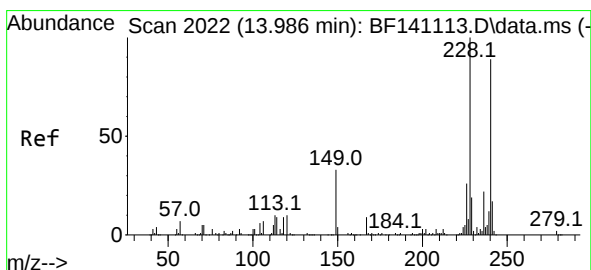
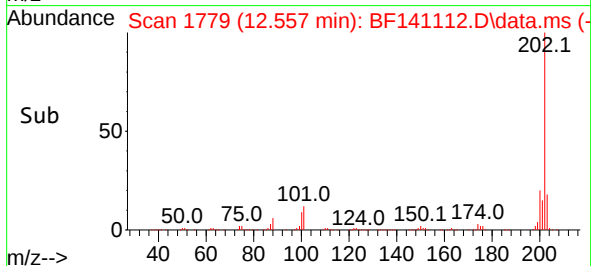
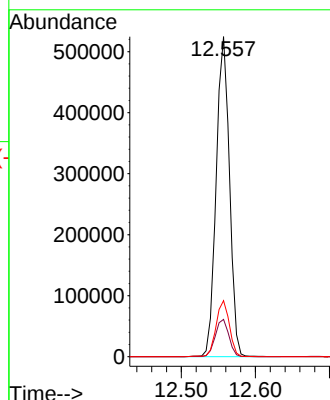
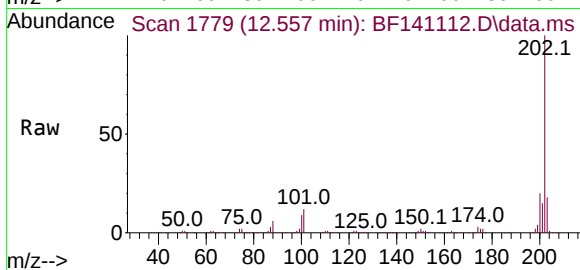
Tgt Ion:202 Resp: 651977

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.3

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

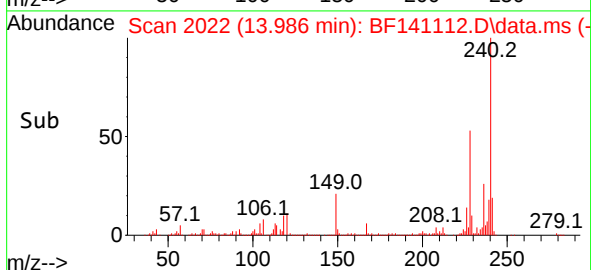
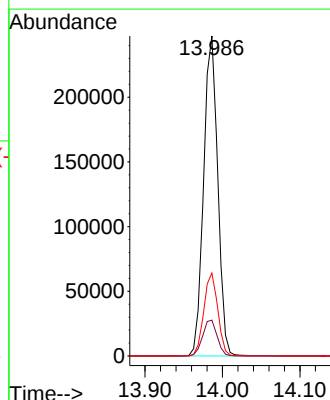
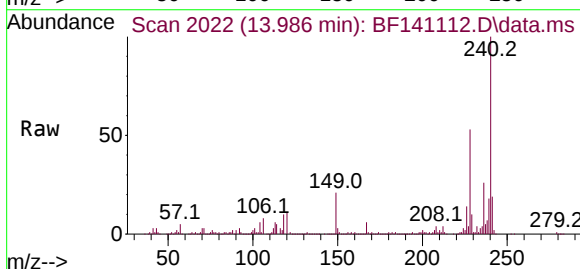
Tgt Ion:240 Resp: 312856

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.9 19.8 29.6

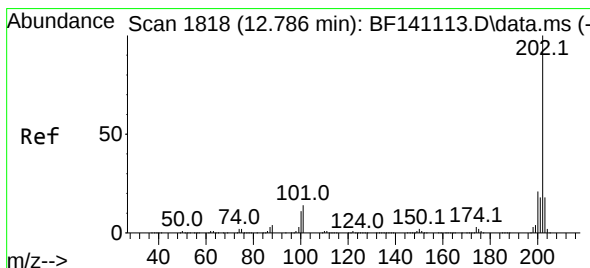
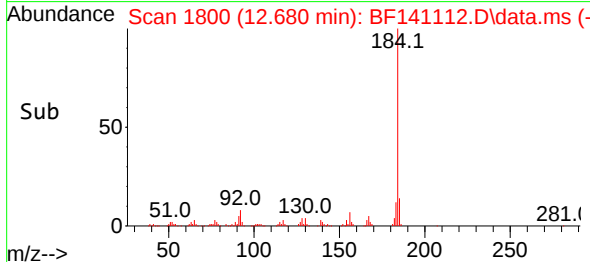
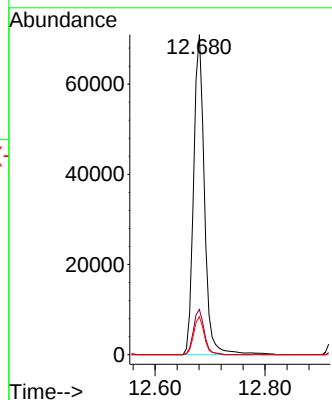
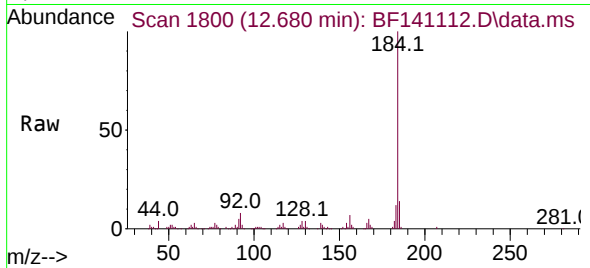




#77  
Benzidine  
Concen: 16.701 ng  
RT: 12.680 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

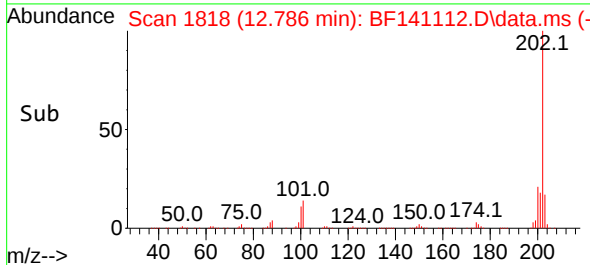
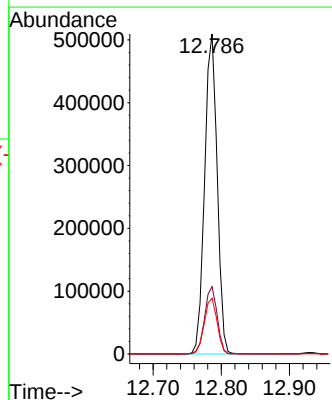
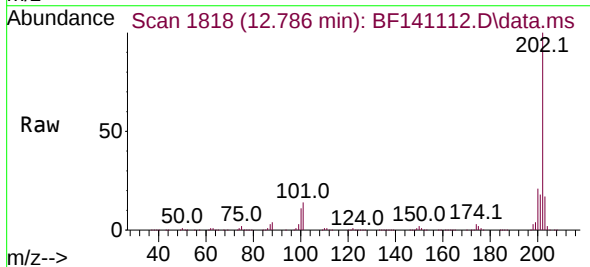
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

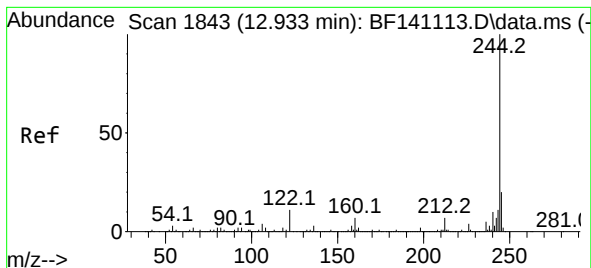
Tgt Ion:184 Resp: 96892  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.4 17.0  
183 11.8 9.2 13.8



#78  
Pyrene  
Concen: 21.787 ng  
RT: 12.786 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:202 Resp: 651047  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.8 25.2  
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 44.086 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

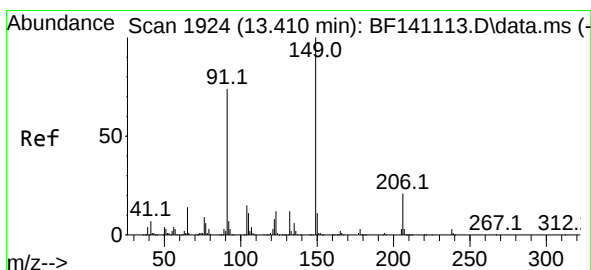
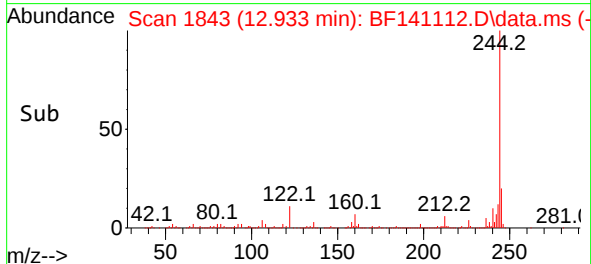
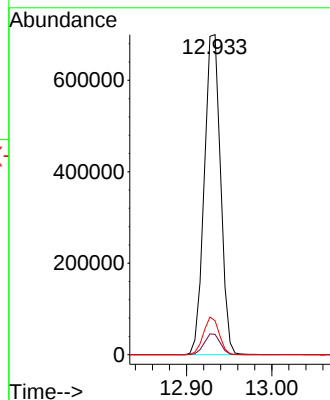
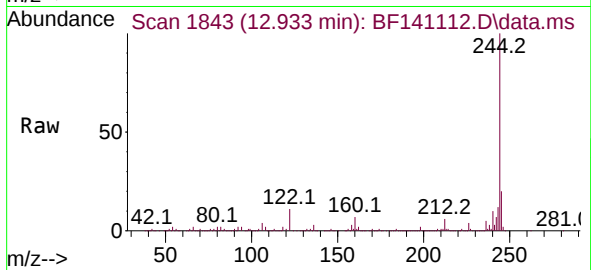
Tgt Ion:244 Resp: 927987

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 10.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 20.834 ng

RT: 13.410 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

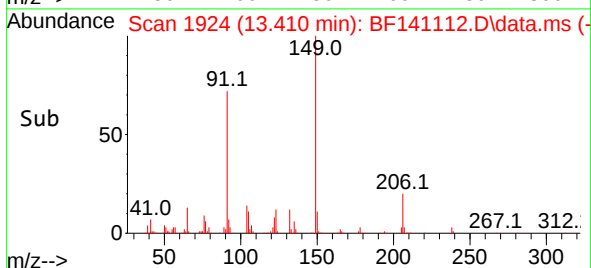
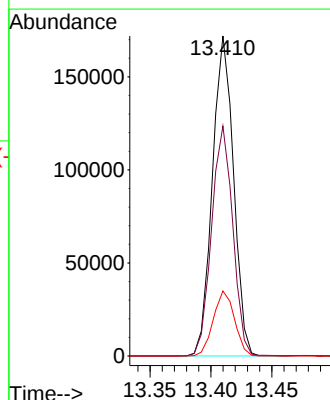
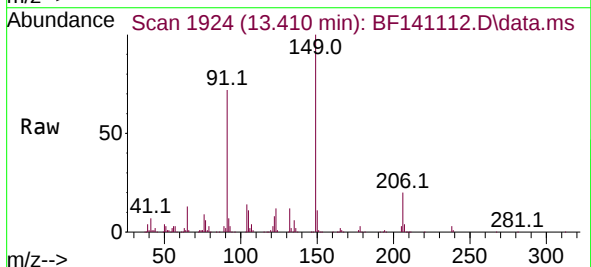
Tgt Ion:149 Resp: 207563

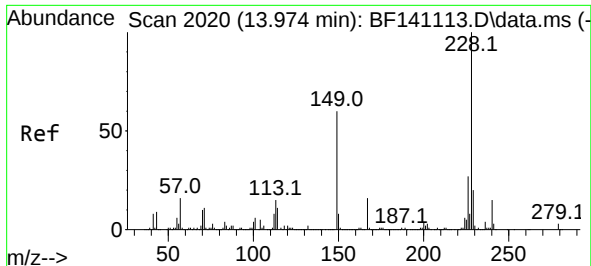
Ion Ratio Lower Upper

149 100

91 71.9 59.0 88.6

206 20.3 16.5 24.7

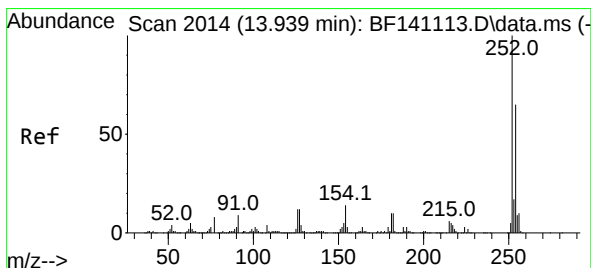
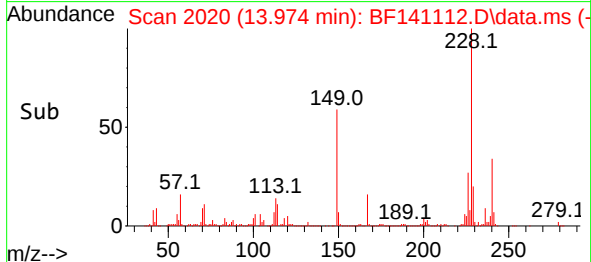
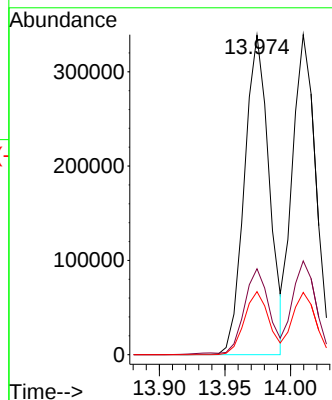
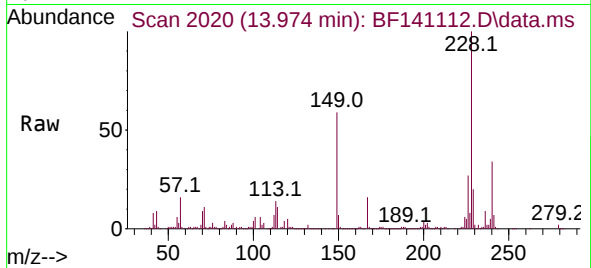




#81  
Benzo(a)anthracene  
Concen: 20.971 ng  
RT: 13.974 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

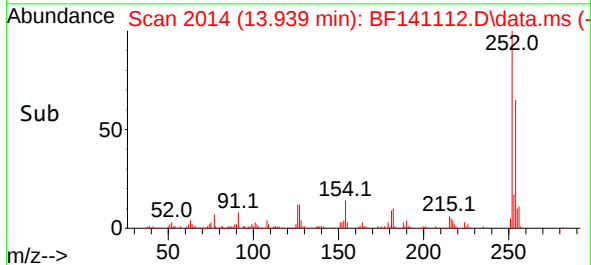
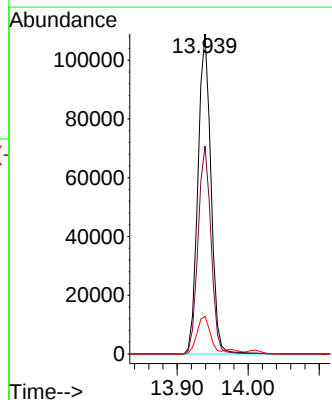
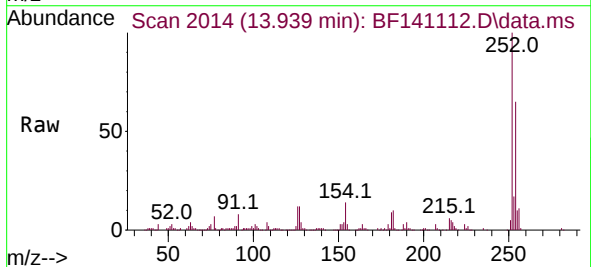
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

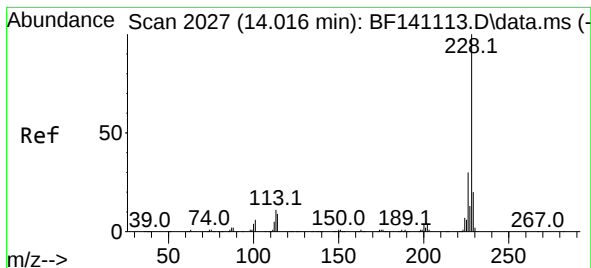
Tgt Ion:228 Resp: 446504  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.7 32.5  
229 19.7 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 20.510 ng  
RT: 13.939 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:252 Resp: 139050  
Ion Ratio Lower Upper  
252 100  
254 65.0 52.0 78.0  
126 11.7 9.4 14.0





#83

Chrysene

Concen: 20.975 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

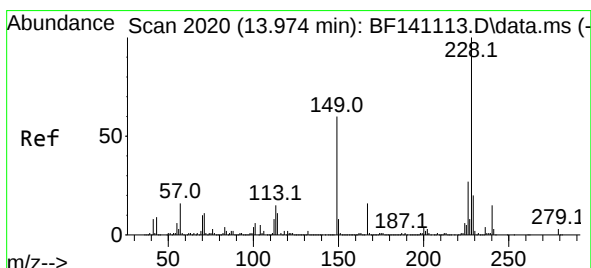
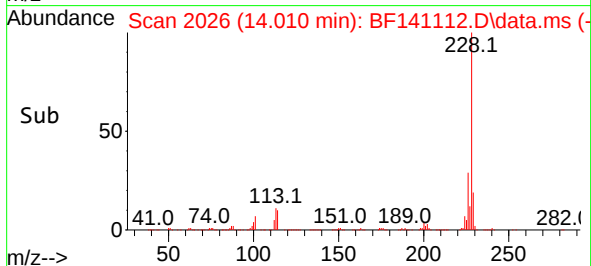
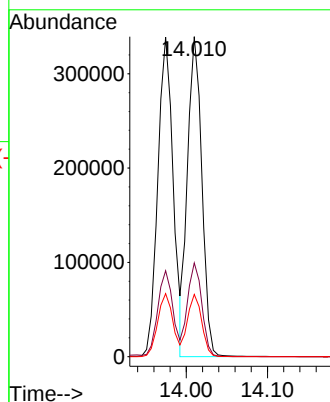
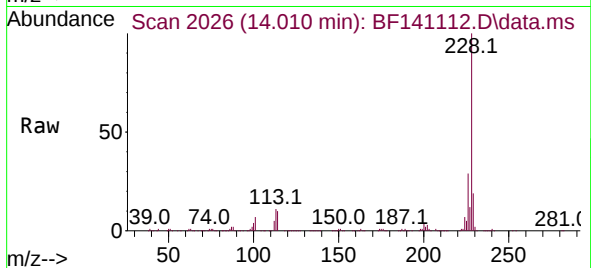
Tgt Ion:228 Resp: 417881

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.114 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

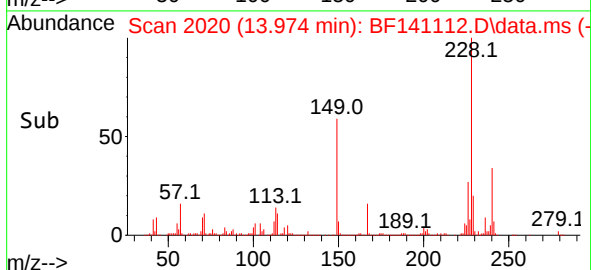
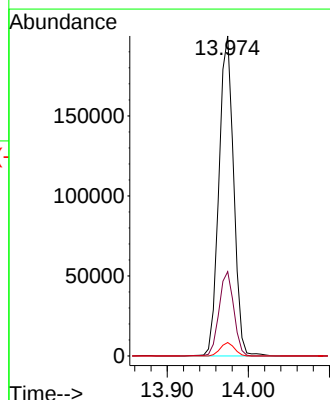
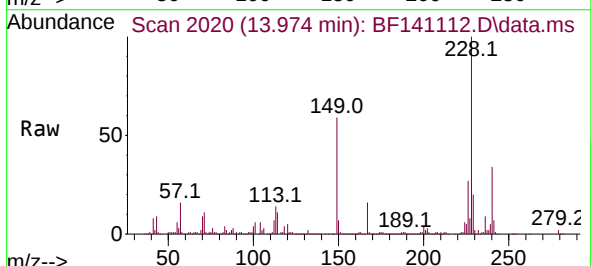
Tgt Ion:149 Resp: 252397

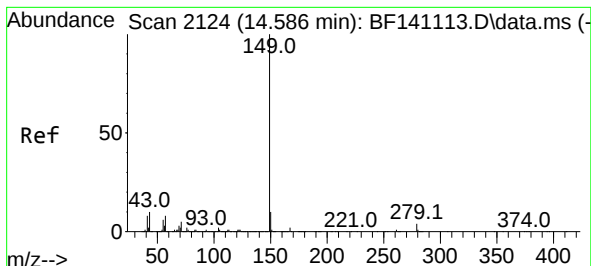
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 20.253 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

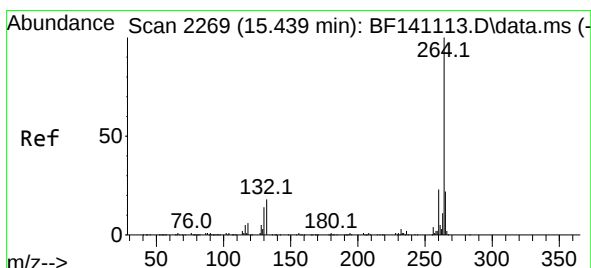
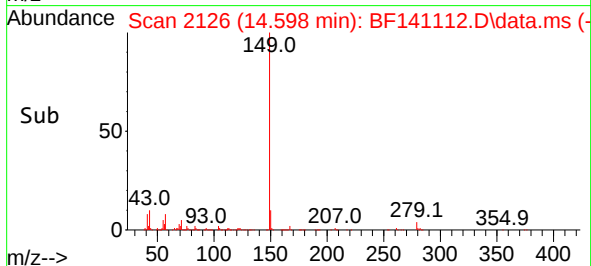
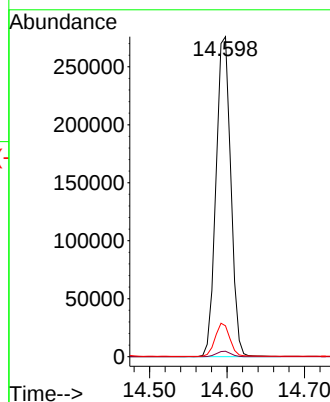
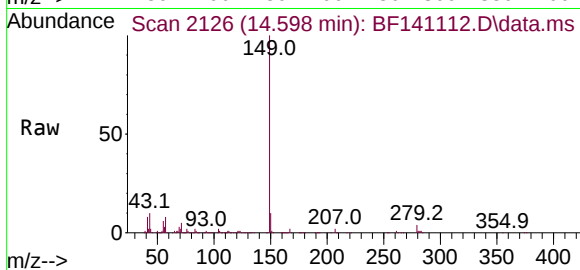
Tgt Ion:149 Resp: 365598

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

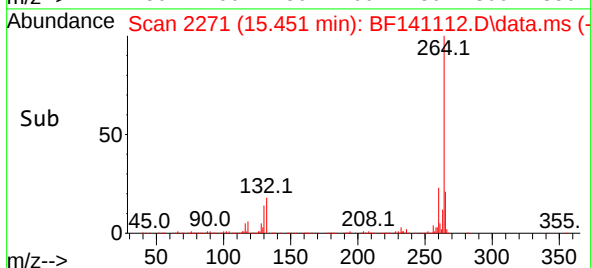
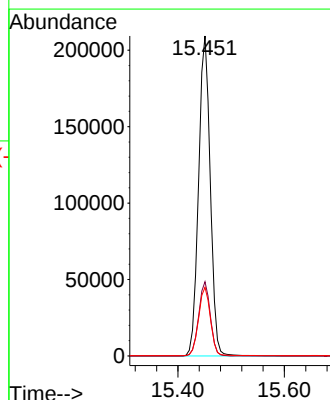
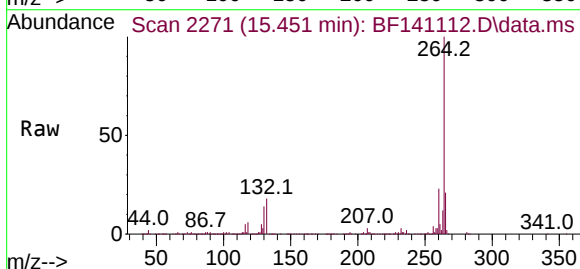
Tgt Ion:264 Resp: 318548

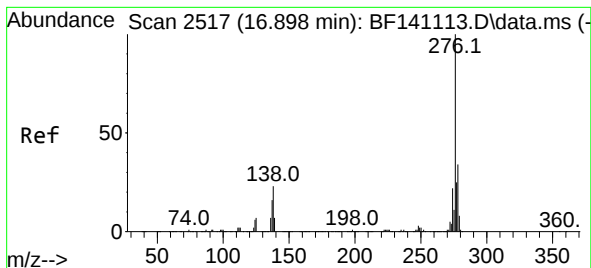
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.272 ng

RT: 16.904 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

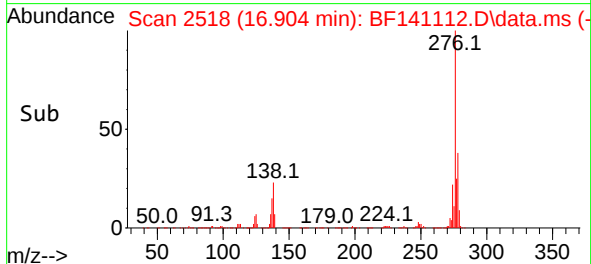
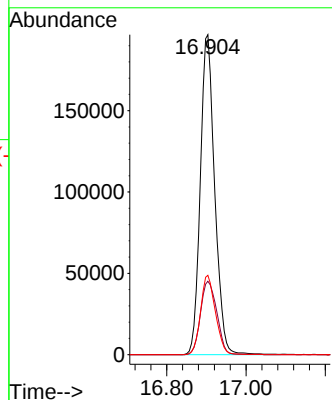
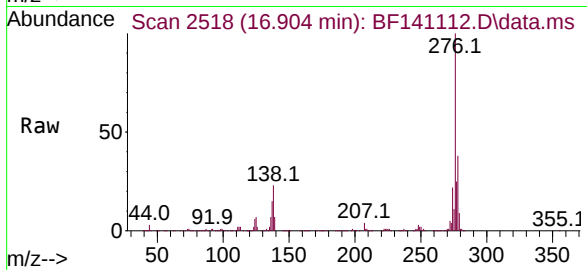
Tgt Ion:276 Resp: 496449

Ion Ratio Lower Upper

276 100

138 26.0 20.7 31.1

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 20.000 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

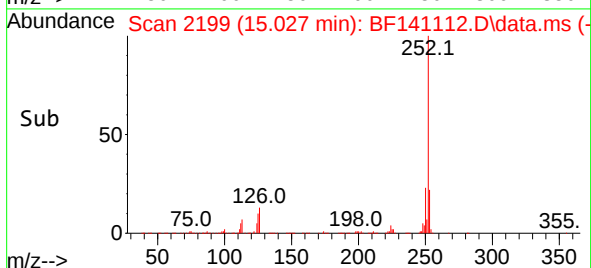
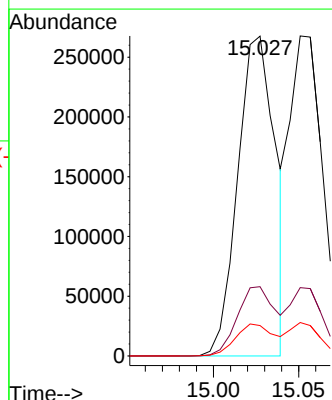
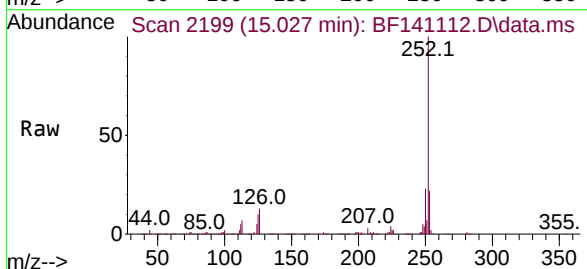
Tgt Ion:252 Resp: 410817

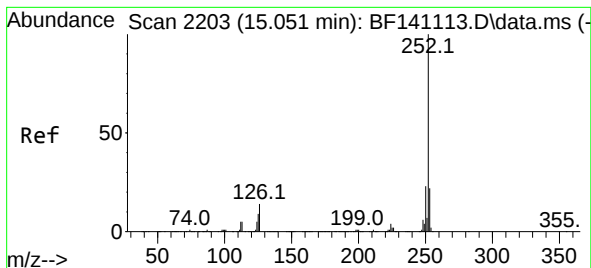
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 9.5 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 20.939 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

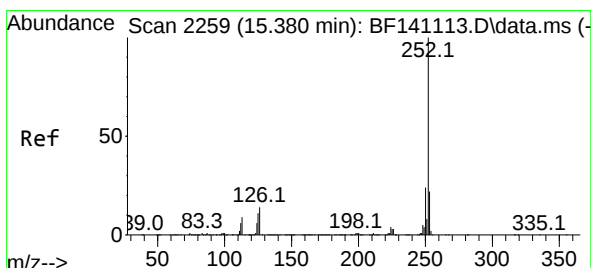
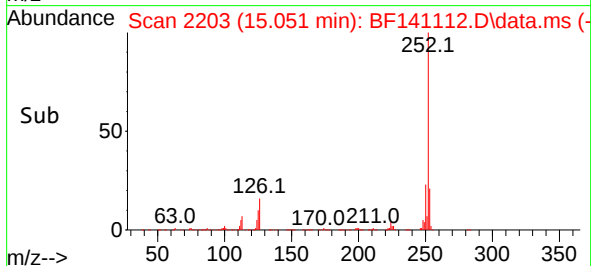
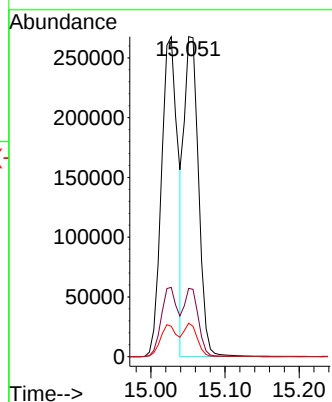
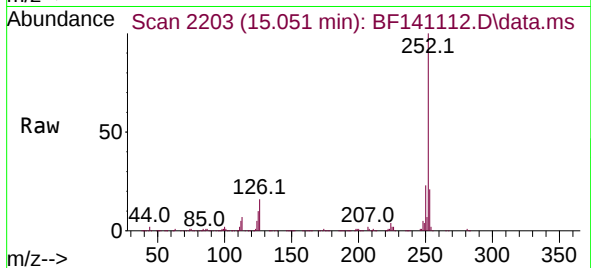
Tgt Ion:252 Resp: 363482

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 10.4 7.9 11.9



#90

Benzo(a)pyrene

Concen: 20.586 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141112.D

Acq: 10 Jan 2025 14:10

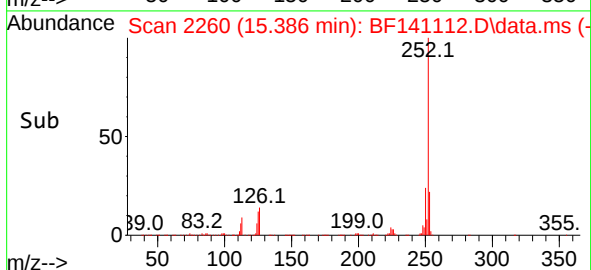
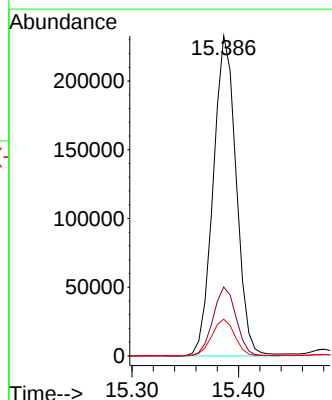
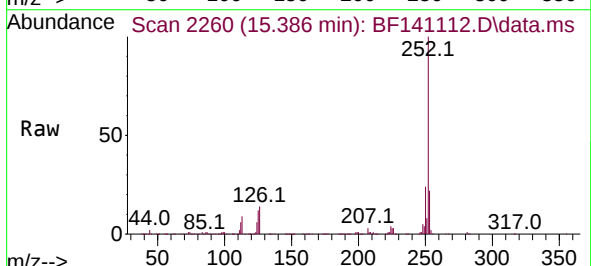
Tgt Ion:252 Resp: 348882

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 11.5 9.1 13.7

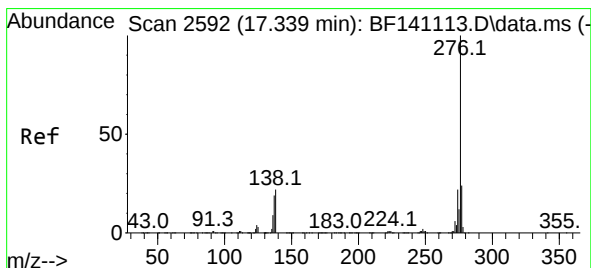
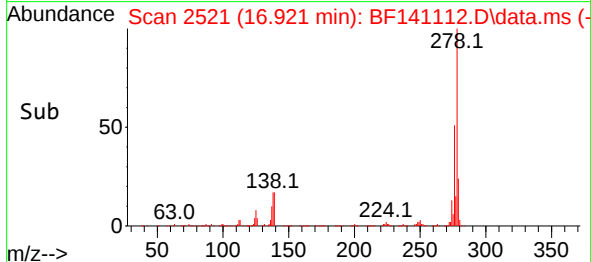
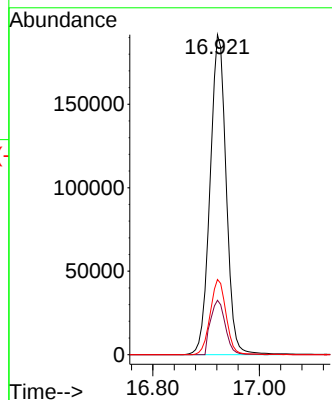
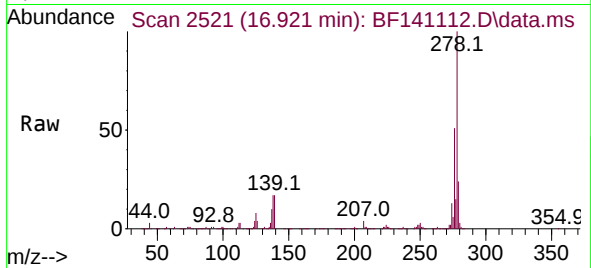




#91  
Dibenzo(a,h)anthracene  
Concen: 21.291 ng  
RT: 16.921 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:278 Resp: 401882  
Ion Ratio Lower Upper  
278 100  
139 17.0 13.8 20.6  
279 23.5 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 21.863 ng  
RT: 17.339 min Scan# 2592  
Delta R.T. 0.000 min  
Lab File: BF141112.D  
Acq: 10 Jan 2025 14:10

Tgt Ion:276 Resp: 429242  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.0 28.4  
138 21.7 17.4 26.2

