

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010625\  
 Data File : BF141076.D  
 Acq On : 06 Jan 2025 15:19  
 Operator : RC/JU  
 Sample : Q1009-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-1-03-2025MSD

Quant Time: Jan 06 15:40:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 242867   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 860402   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 377155   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 617908   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.992 | 240  | 384786   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 337152   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 1393021  | 86.459  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 1730346  | 83.368  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 1016459  | 75.582  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 375930   | 102.578 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 1537515  | 64.950  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 1559967  | 67.339  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.575  | 88   | 226283   | 31.022  | ng    | 99       |
| 3) Pyridine                   | 3.328  | 79   | 613434   | 34.412  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.269  | 42   | 341401   | 37.798  | ng    | 100      |
| 6) Aniline                    | 6.522  | 93   | 681546   | 36.818  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.610  | 128  | 693400   | 40.820  | ng    | 97       |
| 9) Benzaldehyde               | 6.375  | 77   | 106157   | 2.757   | ng    | 99       |
| 10) Phenol                    | 6.469  | 94   | 862583   | 40.192  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 683893   | 39.465  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 698711   | 37.271  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 698554   | 36.963  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 668227   | 37.924  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 588757   | 39.474  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 970939   | 37.049  | ng    | 97       |
| 17) 2-Methylphenol            | 7.081  | 107  | 550401   | 39.001  | ng    | 99       |
| 18) Hexachloroethane          | 7.345  | 117  | 242702   | 36.152  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.239  | 70   | 465660   | 36.621  | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 669706   | 37.500  | ng    | # 82     |
| 22) Acetophenone              | 7.239  | 105  | 880476   | 41.715  | ng    | 99       |
| 24) Nitrobenzene              | 7.410  | 77   | 677478   | 45.083  | ng    | 96       |
| 25) Isophorone                | 7.651  | 82   | 1229577  | 42.016  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.728  | 139  | 308907   | 49.922  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 524552   | 49.045  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 740739   | 39.950  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.969  | 162  | 500612   | 41.271  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 525916   | 38.306  | ng    | 100      |
| 31) Naphthalene               | 8.134  | 128  | 1769188  | 39.022  | ng    | 100      |
| 32) Benzoic acid              | 7.869  | 122  | 387655   | 44.678  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.181  | 127  | 331164   | 20.191  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 324150   | 40.049  | ng    | 100      |
| 35) Caprolactam               | 8.539  | 113  | 181876m  | 44.105  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 506251   | 37.581  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 1111983  | 38.339  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 1029082  | 36.102  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 474804   | 45.760  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 134559   | 39.133  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 316900   | 45.889  | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010625\  
 Data File : BF141076.D  
 Acq On : 06 Jan 2025 15:19  
 Operator : RC/JU  
 Sample : Q1009-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

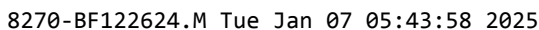
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-1-03-2025MSD

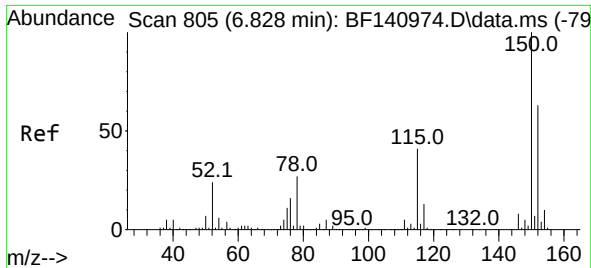
Quant Time: Jan 06 15:40:03 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 318893   | 45.131 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 1283256  | 44.436 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 932843   | 41.650 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.404  | 65   | 300753   | 51.007 | ng    | 93       |
| 49) Acenaphthylene            | 9.728  | 152  | 1409159  | 43.706 | ng    | 100      |
| 50) Dimethylphthalate         | 9.586  | 163  | 1084087  | 43.699 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 224618   | 44.672 | ng    | 99       |
| 52) Acenaphthene              | 9.898  | 154  | 931517   | 42.736 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.810  | 138  | 196879   | 36.614 | ng    | # 94     |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 69909    | 45.162 | ng    | # 12     |
| 55) Dibenzofuran              | 10.069 | 168  | 1267462  | 41.376 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.969  | 139  | 402629   | 94.879 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 297019   | 47.978 | ng    | # 96     |
| 58) Fluorene                  | 10.416 | 166  | 978457   | 41.191 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 260519   | 44.518 | ng    | # 94     |
| 60) Diethylphthalate          | 10.286 | 149  | 1029630  | 42.041 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 466546   | 40.818 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 215804   | 39.871 | ng    | 96       |
| 63) Azobenzene                | 10.569 | 77   | 1098527  | 42.733 | ng    | 90       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 48601    | 25.231 | ng    | # 71     |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 846577   | 43.508 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 299161   | 44.787 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.963 | 284  | 318040   | 43.180 | ng    | 99       |
| 69) Atrazine                  | 11.051 | 200  | 292221   | 53.758 | ng    | 99       |
| 70) Pentachlorophenol         | 11.151 | 266  | 425198   | 92.721 | ng    | 100      |
| 71) Phenanthrene              | 11.374 | 178  | 1796193  | 55.232 | ng    | 99       |
| 72) Anthracene                | 11.427 | 178  | 1566252  | 49.150 | ng    | 99       |
| 73) Carbazole                 | 11.580 | 167  | 1338663  | 43.699 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 1559560  | 44.759 | ng    | 100      |
| 75) Fluoranthene              | 12.563 | 202  | 1838685  | 52.130 | ng    | 98       |
| 77) Benzidine                 | 12.686 | 184  | 594853   | 73.149 | ng    | 98       |
| 78) Pyrene                    | 12.792 | 202  | 1984588  | 58.973 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.416 | 149  | 638992   | 52.000 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 1259452  | 46.964 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.945 | 252  | 349112   | 43.329 | ng    | 98       |
| 83) Chrysene                  | 14.015 | 228  | 1194664  | 49.417 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 796385   | 49.962 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 1185272  | 51.377 | ng    | # 99     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.915 | 276  | 948431   | 44.650 | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 1129962  | 48.054 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 814473   | 44.193 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 930501   | 50.983 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.933 | 278  | 737408   | 42.827 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 689209   | 38.592 | ng    | 98       |

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

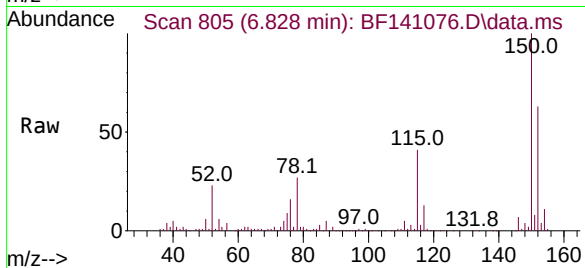
Quant Time: Jan 06 15:40:03 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 27 00:31:16 2024  
Response via : Initial Calibration



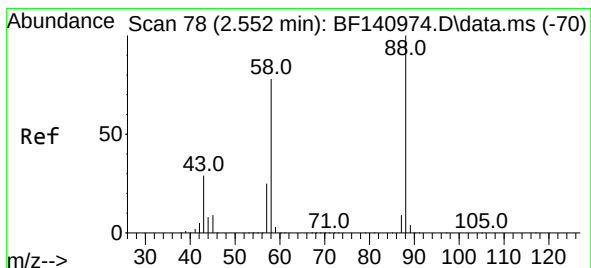
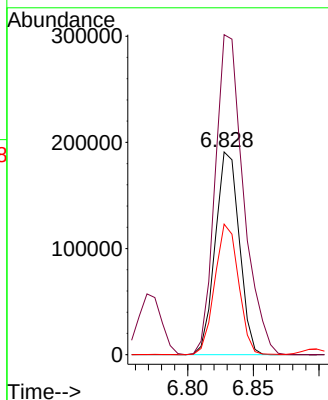
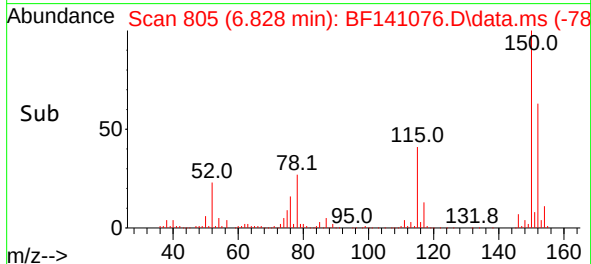


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.828 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF141076.D  
 Acq: 06 Jan 2025 15:19

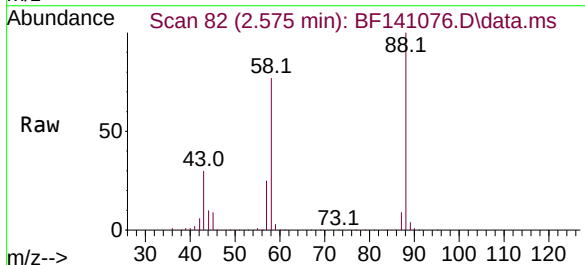
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-1-03-2025MSD



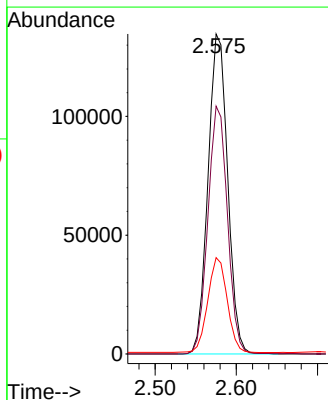
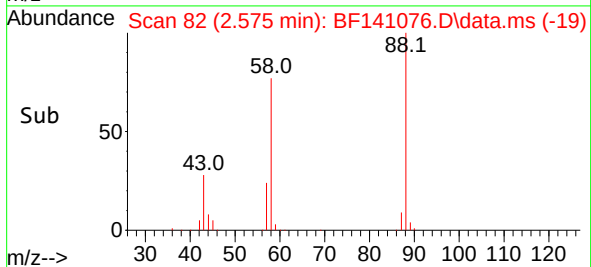
Tgt Ion:152 Resp: 242867  
 Ion Ratio Lower Upper  
 152 100  
 150 157.9 127.0 190.6  
 115 64.5 51.7 77.5

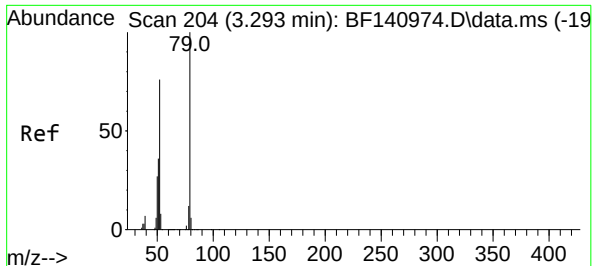


#2  
 1,4-Dioxane  
 Concen: 31.022 ng  
 RT: 2.575 min Scan# 82  
 Delta R.T. 0.023 min  
 Lab File: BF141076.D  
 Acq: 06 Jan 2025 15:19



Tgt Ion: 88 Resp: 226283  
 Ion Ratio Lower Upper  
 88 100  
 58 77.0 63.0 94.4  
 43 29.3 23.4 35.2

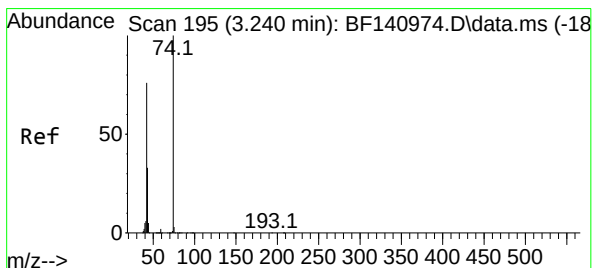
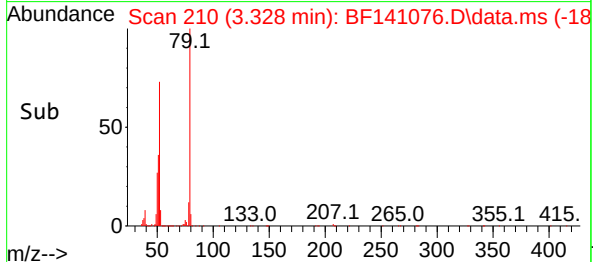
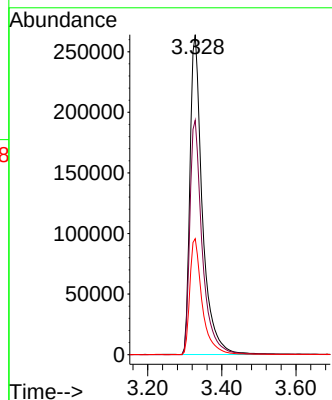
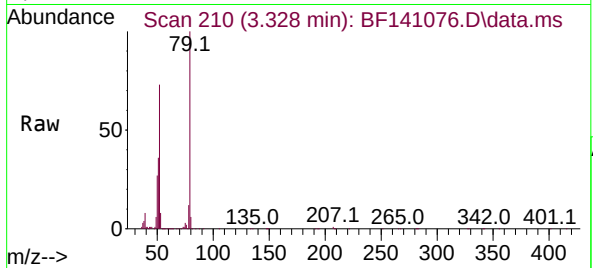




#3  
Pyridine  
Concen: 34.412 ng  
RT: 3.328 min Scan# 21  
Delta R.T. 0.035 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

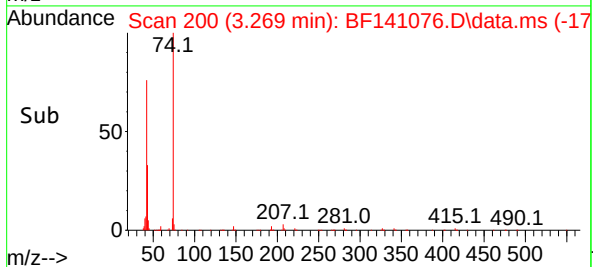
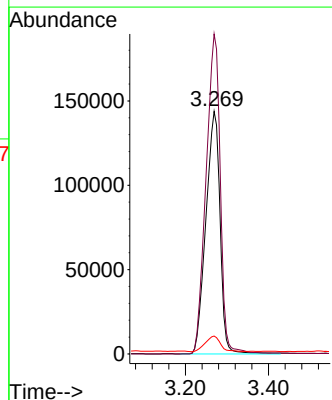
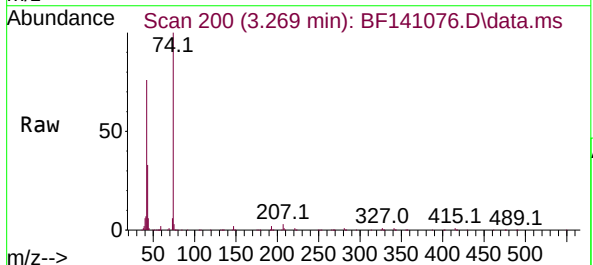
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

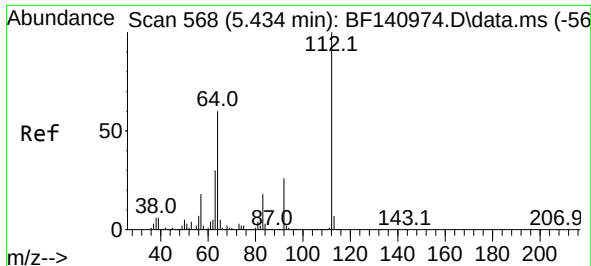
Tgt Ion: 79 Resp: 613434  
Ion Ratio Lower Upper  
79 100  
52 73.2 60.4 90.6  
51 36.3 28.8 43.2



#4  
n-Nitrosodimethylamine  
Concen: 37.798 ng  
RT: 3.269 min Scan# 200  
Delta R.T. 0.029 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion: 42 Resp: 341401  
Ion Ratio Lower Upper  
42 100  
74 131.9 105.8 158.6  
44 7.4 6.6 10.0

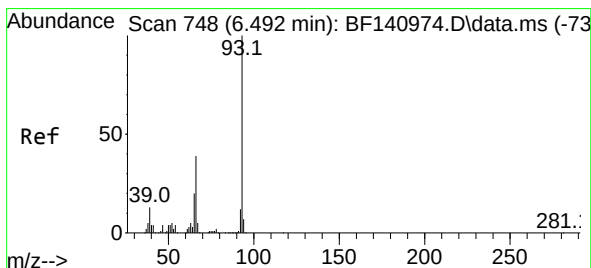
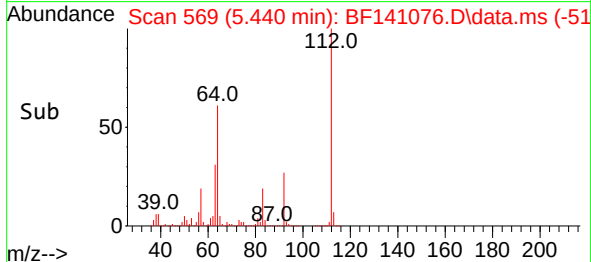
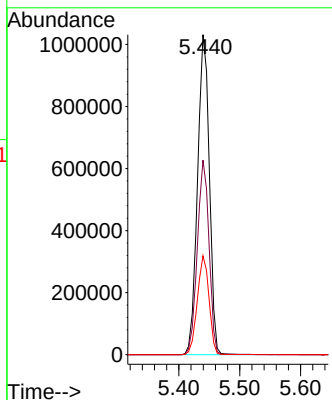
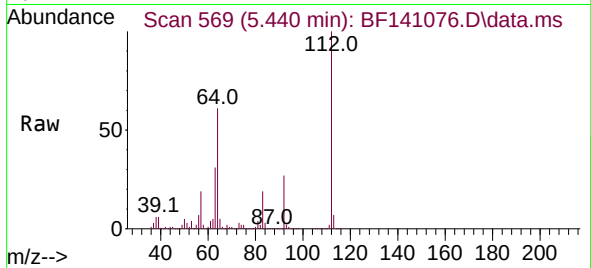




#5  
2-Fluorophenol  
Concen: 86.459 ng  
RT: 5.440 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

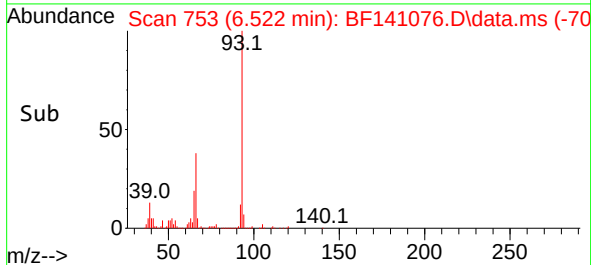
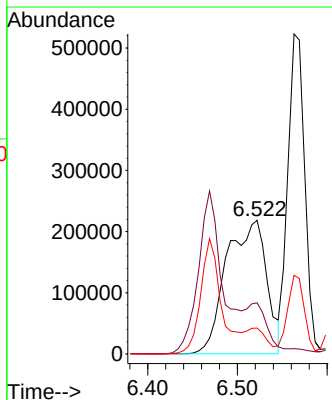
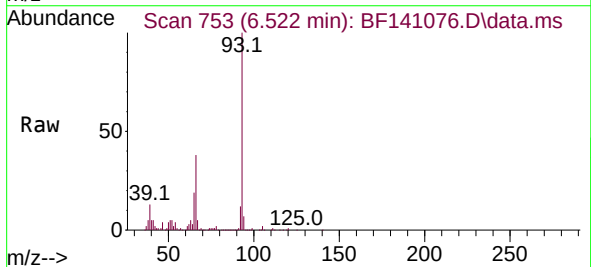
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

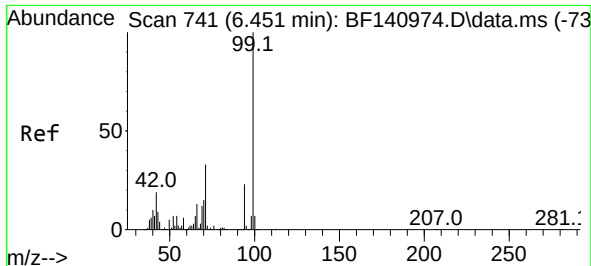
Tgt Ion:112 Resp: 1393021  
Ion Ratio Lower Upper  
112 100  
64 60.8 47.7 71.5  
63 30.9 24.2 36.2



#6  
Aniline  
Concen: 36.818 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.012 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion: 93 Resp: 681546  
Ion Ratio Lower Upper  
93 100  
66 38.3 31.8 47.8  
65 19.5 15.4 23.0

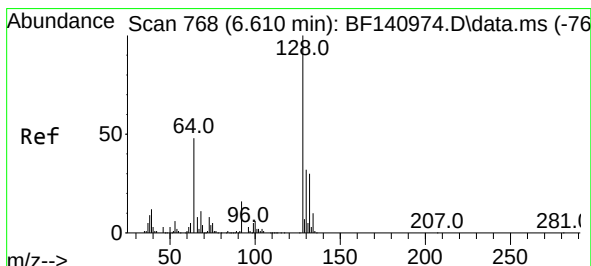
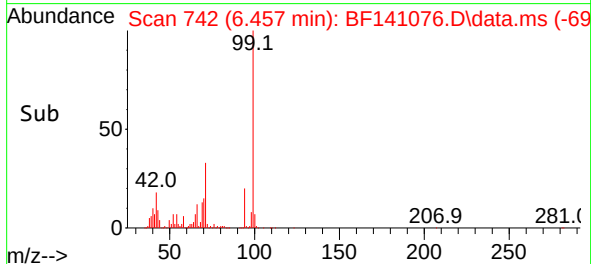
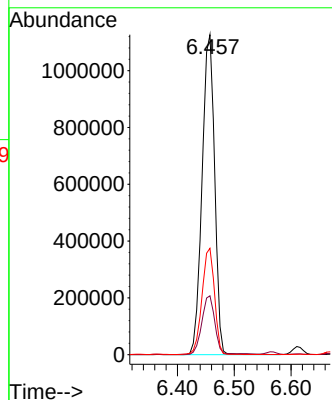
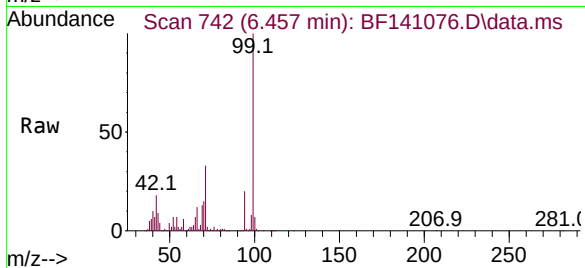




#7  
Phenol-d6  
Concen: 83.368 ng  
RT: 6.457 min Scan# 741  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

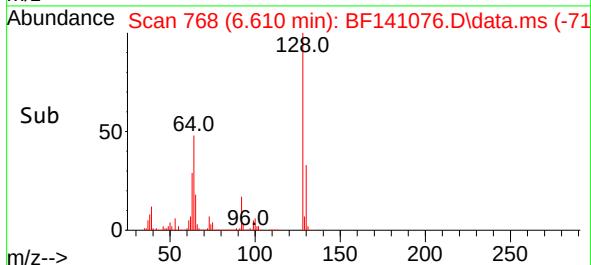
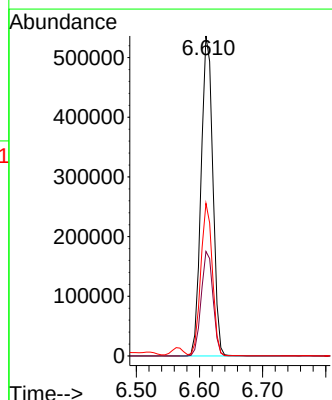
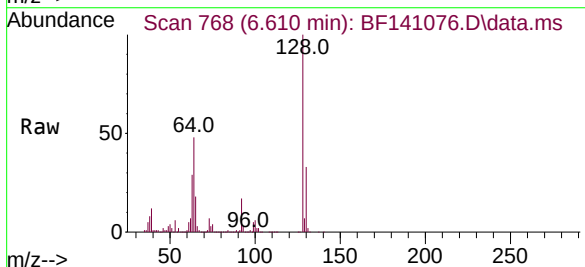
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

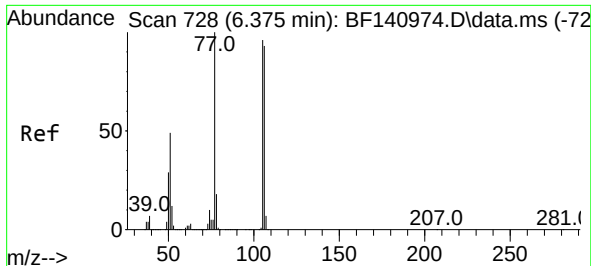
Tgt Ion: 99 Resp: 1730346  
Ion Ratio Lower Upper  
99 100  
42 18.4 15.0 22.4  
71 33.3 26.2 39.2



#8  
2-Chlorophenol  
Concen: 40.820 ng  
RT: 6.610 min Scan# 768  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion: 128 Resp: 693400  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.2 52.2  
64 47.7 30.3 70.3

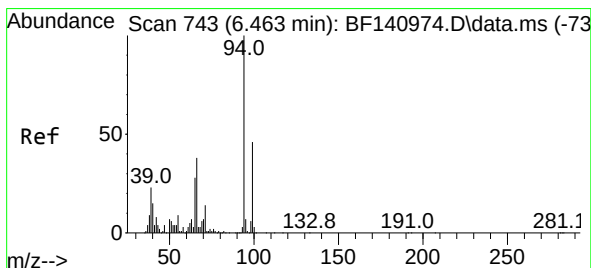
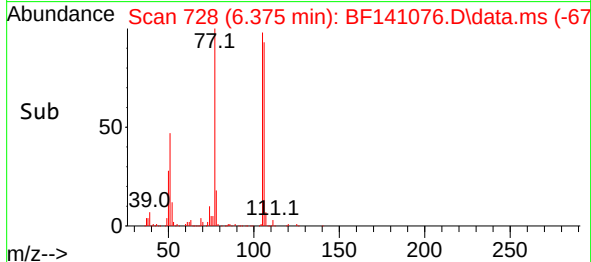
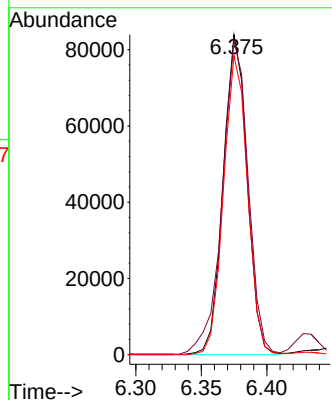
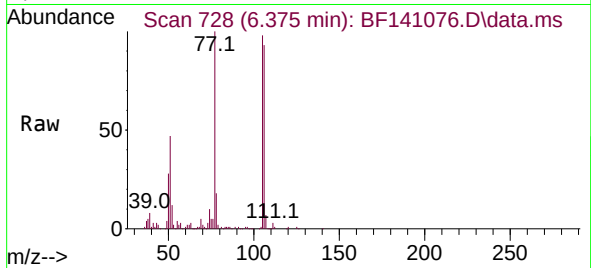




#9  
Benzaldehyde  
Concen: 2.757 ng  
RT: 6.375 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

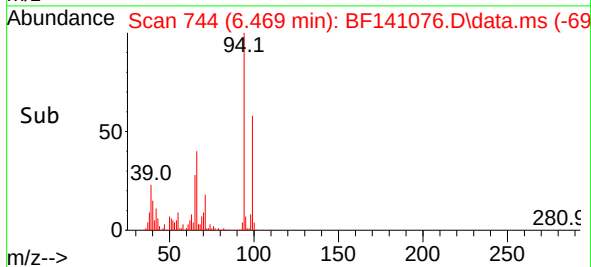
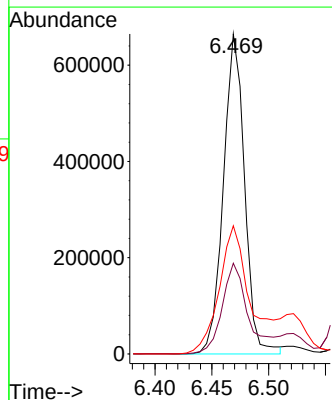
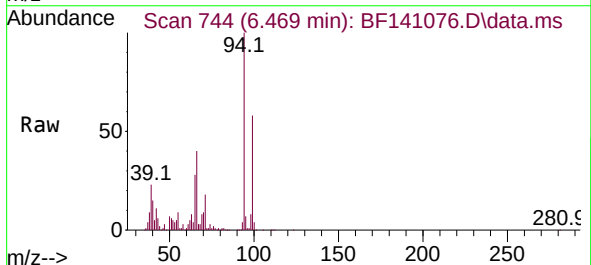
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

Tgt Ion: 77 Resp: 106157  
Ion Ratio Lower Upper  
77 100  
105 98.2 76.2 116.2  
106 93.5 73.4 113.4

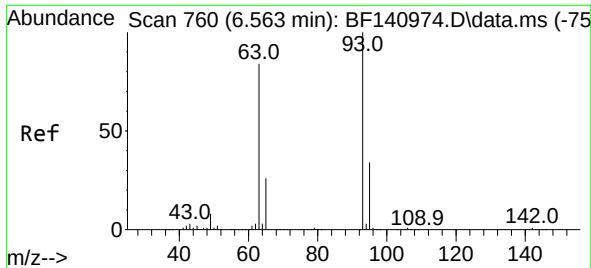


#10  
Phenol  
Concen: 40.192 ng  
RT: 6.469 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion: 94 Resp: 862583  
Ion Ratio Lower Upper  
94 100  
65 28.4 8.1 48.1  
66 40.1 18.7 58.7



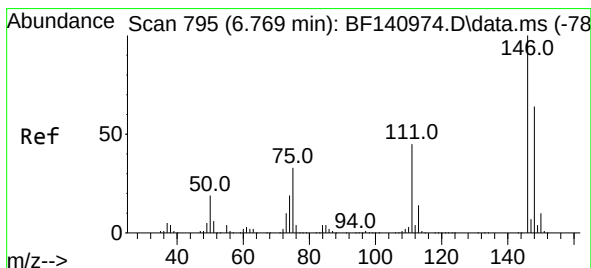
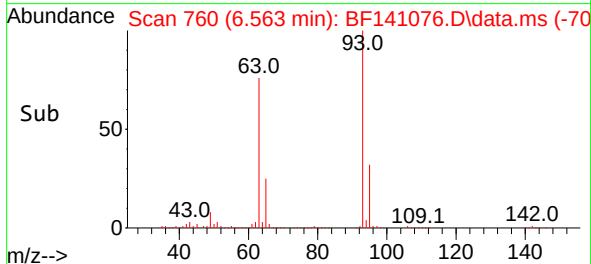
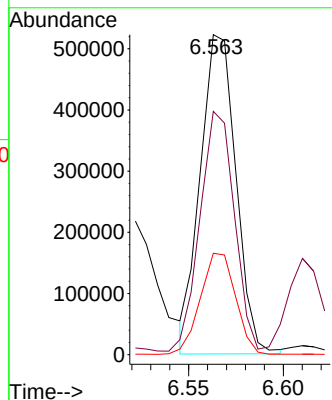
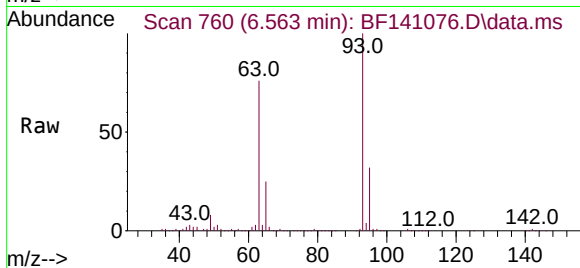




#11  
bis(2-Chloroethyl)ether  
Concen: 39.465 ng  
RT: 6.563 min Scan# 760  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

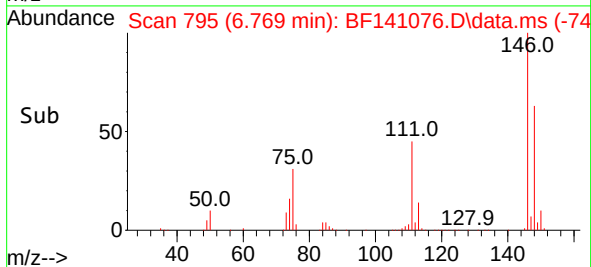
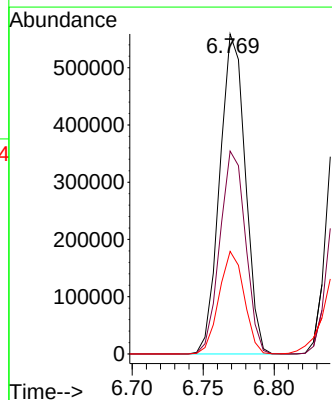
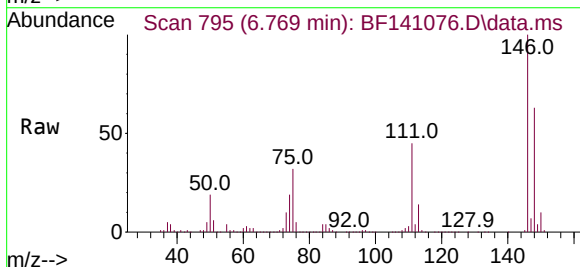
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

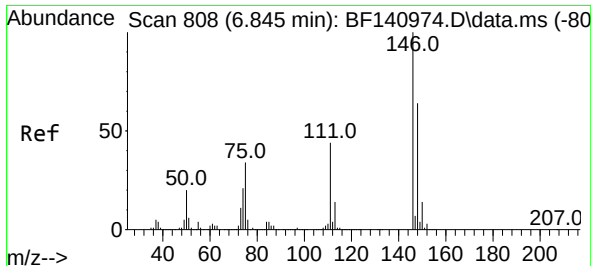
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 683893 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 76.0  | 60.3  | 100.3  |
| 95       | 31.7  | 12.2  | 52.2   |



#12  
1,3-Dichlorobenzene  
Concen: 37.271 ng  
RT: 6.769 min Scan# 795  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 698711 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.4  | 51.0  | 76.4   |
| 75       | 32.1  | 26.1  | 39.1   |

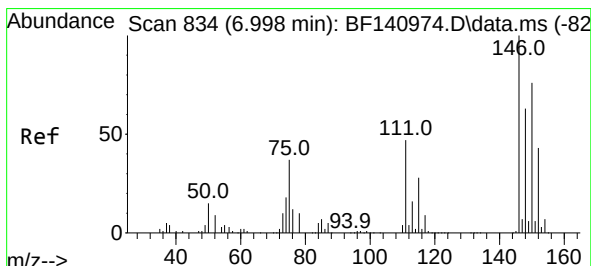
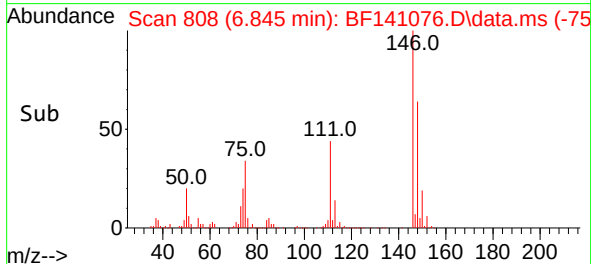
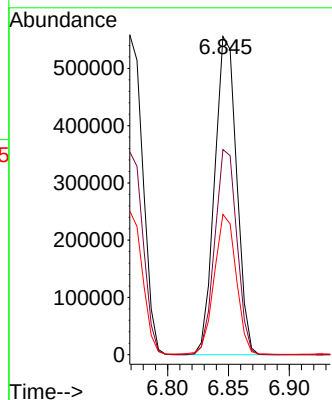
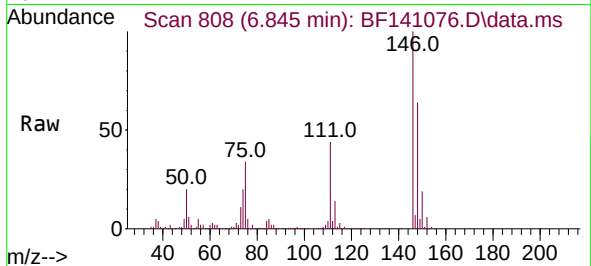




#13  
1,4-Dichlorobenzene  
Concen: 36.963 ng  
RT: 6.845 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

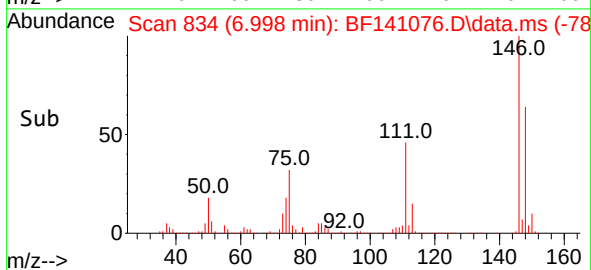
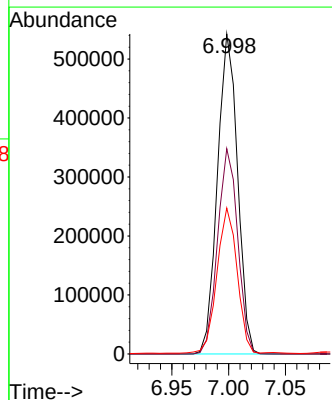
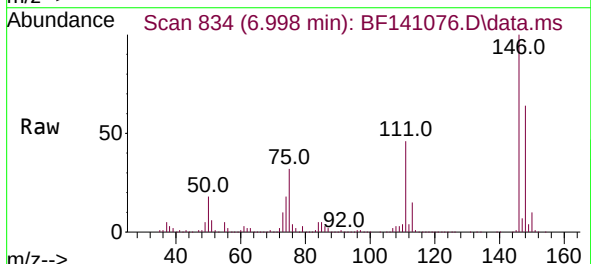
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

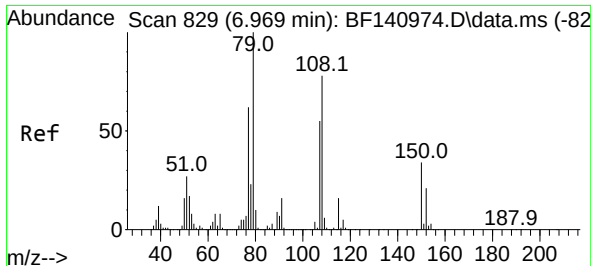
Tgt Ion:146 Resp: 698554  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.3 76.9  
111 44.1 35.3 52.9



#14  
1,2-Dichlorobenzene  
Concen: 37.924 ng  
RT: 6.998 min Scan# 834  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:146 Resp: 668227  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.6 76.0  
111 45.6 37.3 55.9

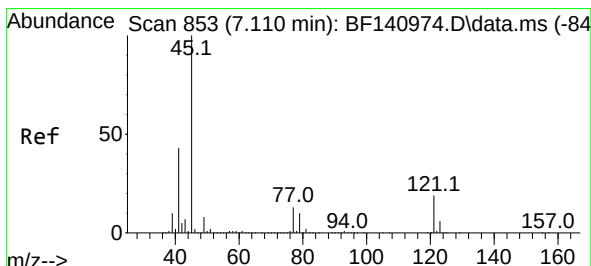
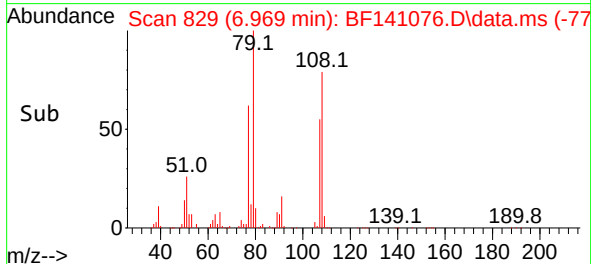
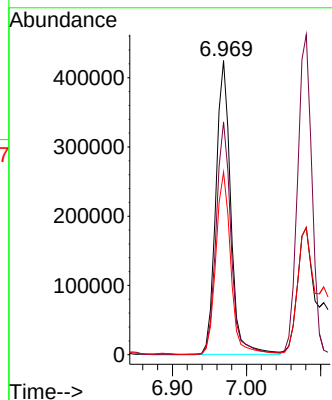
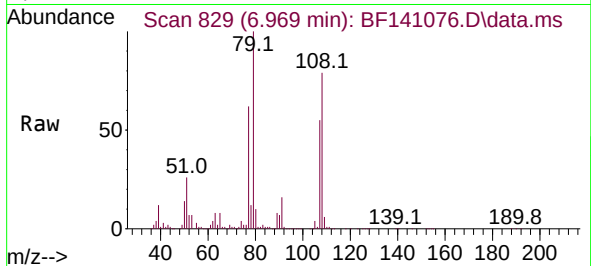




#15  
Benzyl Alcohol  
Concen: 39.474 ng  
RT: 6.969 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

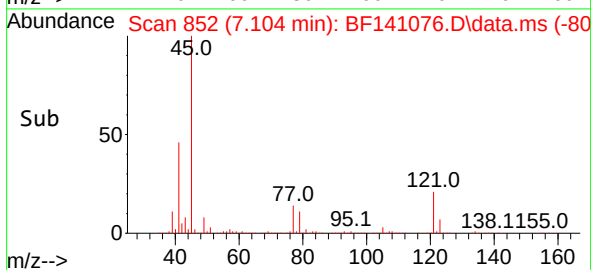
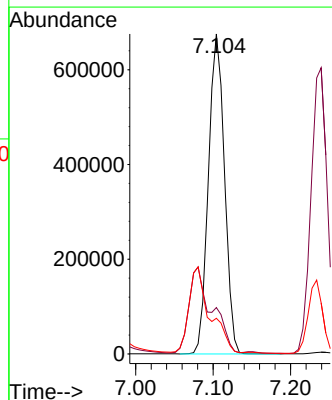
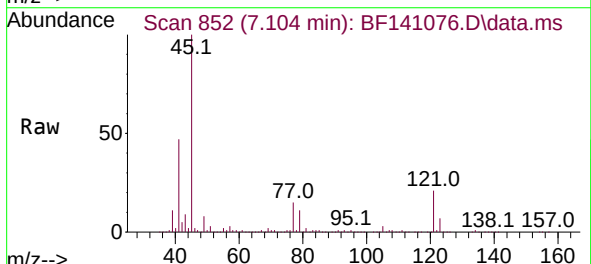
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

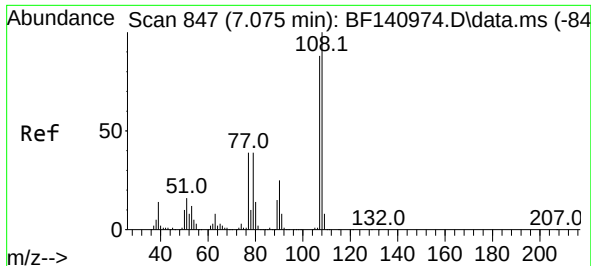
Tgt Ion: 79 Resp: 588757  
Ion Ratio Lower Upper  
79 100  
108 79.2 62.5 93.7  
77 62.1 49.3 73.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.049 ng  
RT: 7.104 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion: 45 Resp: 970939  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 33.1  
79 11.1 0.0 30.1





#17

2-Methylphenol

Concen: 39.001 ng

RT: 7.081 min Scan# 847

Delta R.T. 0.006 min

Lab File: BF141076.D

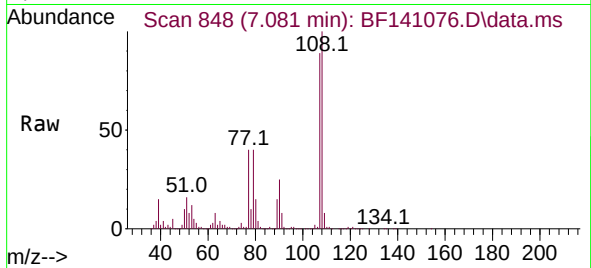
Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD



Tgt Ion:107 Resp: 550401

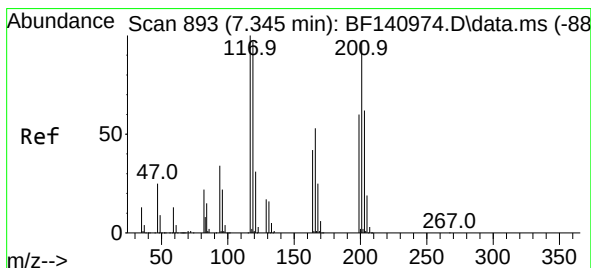
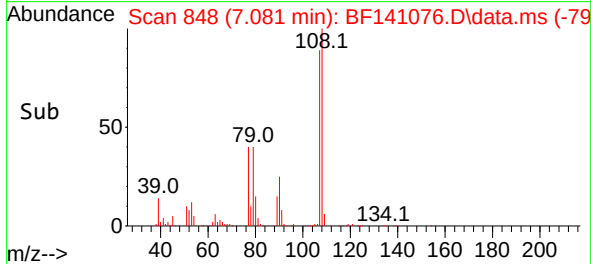
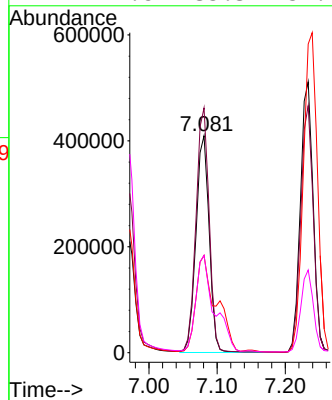
Ion Ratio Lower Upper

107 100

108 112.8 90.6 136.0

77 44.9 35.3 52.9

79 44.8 35.3 52.9



#18

Hexachloroethane

Concen: 36.152 ng

RT: 7.345 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

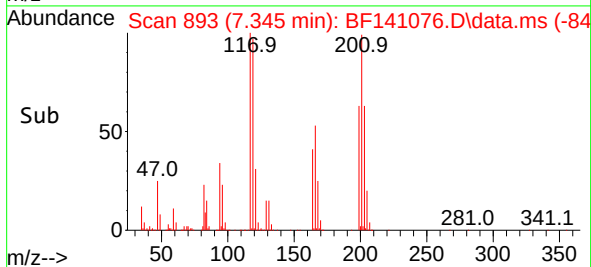
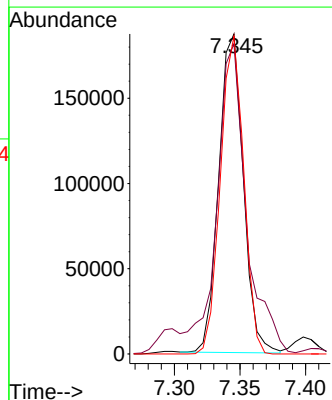
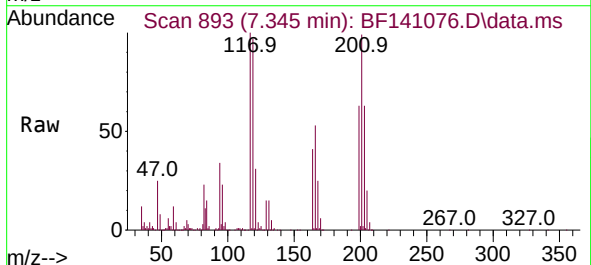
Tgt Ion:117 Resp: 242702

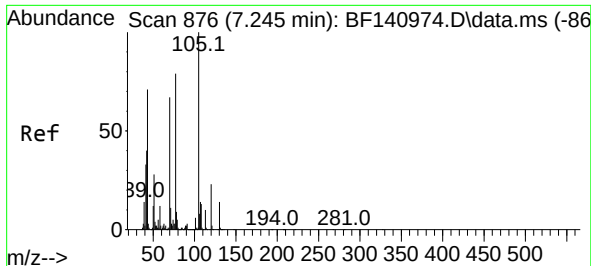
Ion Ratio Lower Upper

117 100

119 97.0 77.5 116.3

201 99.3 77.4 116.2

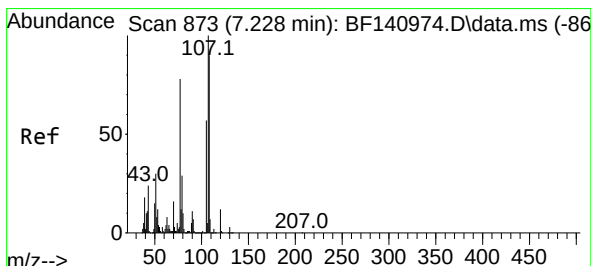
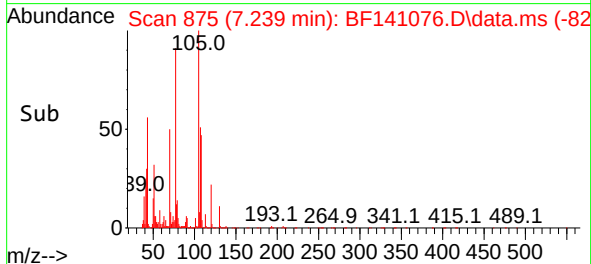
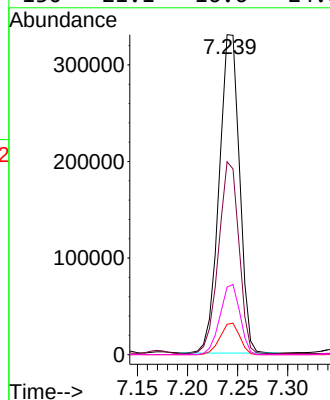
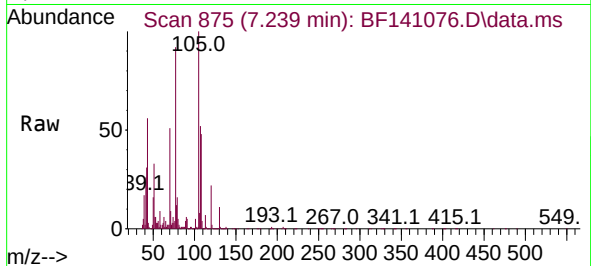




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.621 ng  
RT: 7.239 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

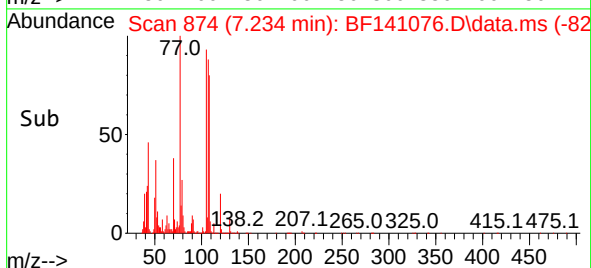
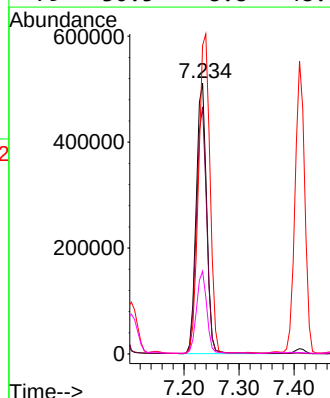
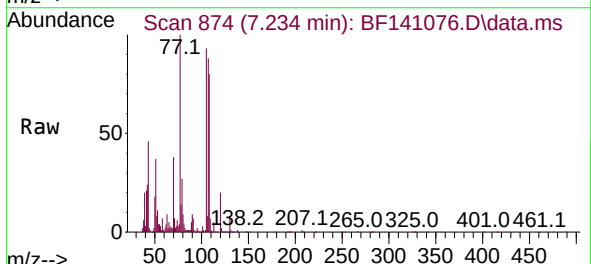
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

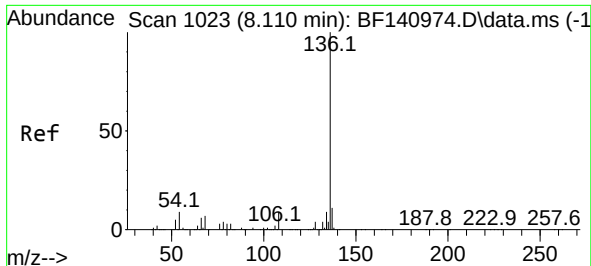
Tgt Ion: 70 Resp: 465660  
Ion Ratio Lower Upper  
70 100  
42 60.3 48.1 72.1  
101 9.5 7.6 11.4  
130 21.1 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 37.500 ng  
RT: 7.234 min Scan# 874  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:107 Resp: 669706  
Ion Ratio Lower Upper  
107 100  
108 91.2 69.6 109.6  
77 113.9 57.6 97.6#  
79 30.5 8.8 48.8

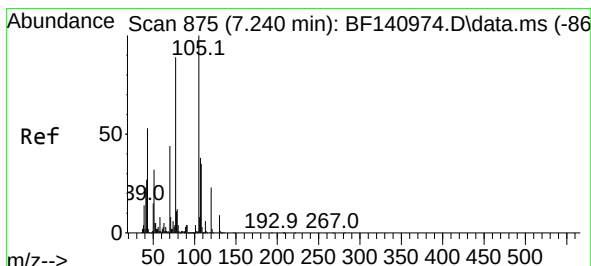
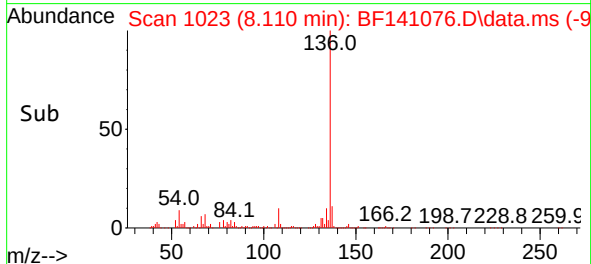
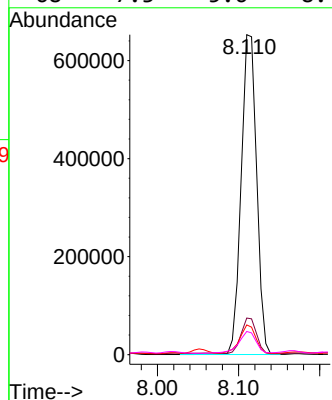
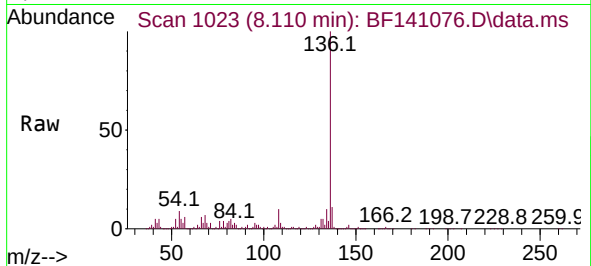




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

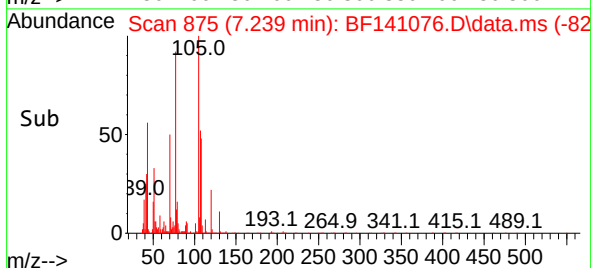
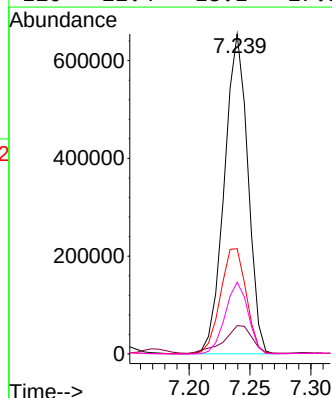
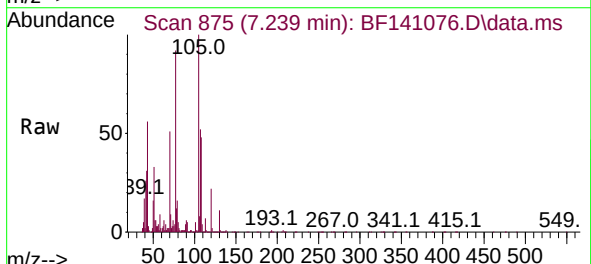
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

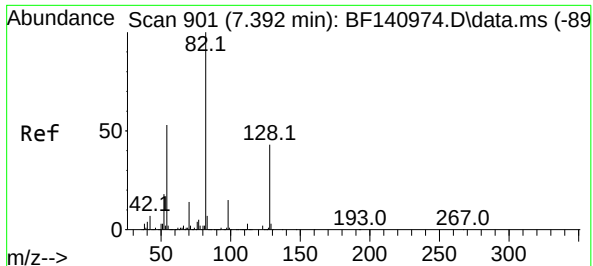
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 860402 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 9.0   | 13.4   |
| 54       | 9.3   | 7.6   | 11.4   |
| 68       | 7.3   | 5.6   | 8.4    |



#22  
Acetophenone  
Concen: 41.715 ng  
RT: 7.239 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 880476 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 8.8   | 6.1   | 9.1    |
| 51       | 32.9  | 25.8  | 38.6   |
| 120      | 22.4  | 18.1  | 27.1   |





#23

Nitrobenzene-d5

Concen: 75.582 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

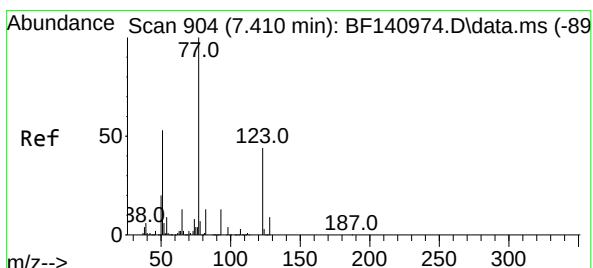
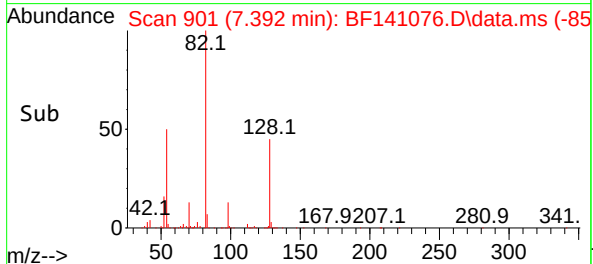
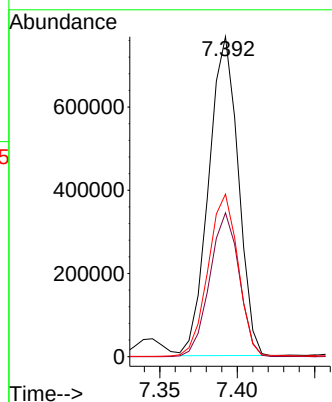
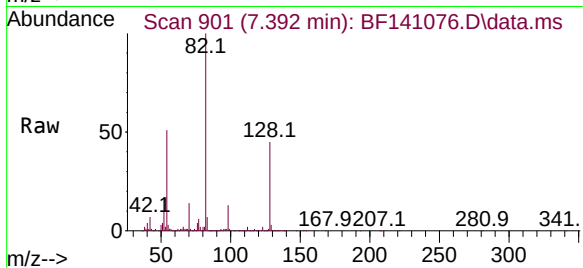
BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

Tgt Ion: 82 Resp: 1016459

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.0  | 34.4  | 51.6  |
| 54  | 50.8  | 42.4  | 63.6  |



#24

Nitrobenzene

Concen: 45.083 ng

RT: 7.410 min Scan# 904

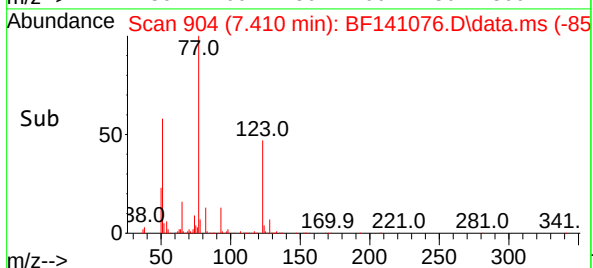
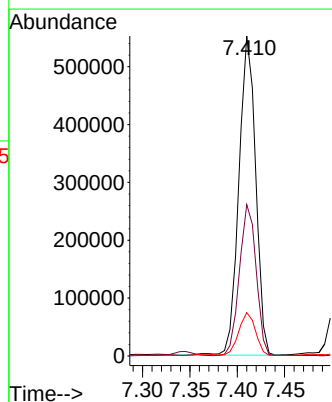
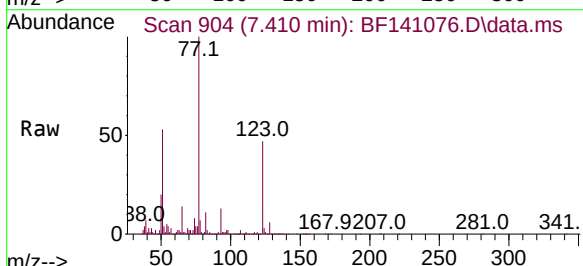
Delta R.T. -0.000 min

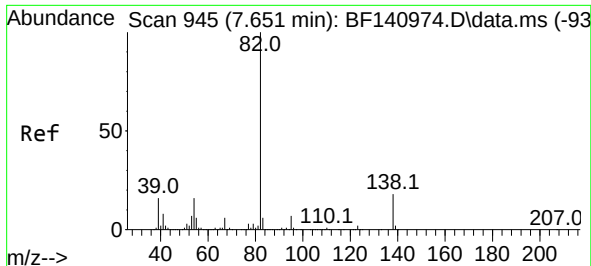
Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Tgt Ion: 77 Resp: 677478

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.3  | 35.4  | 53.2  |
| 65  | 13.6  | 10.7  | 16.1  |

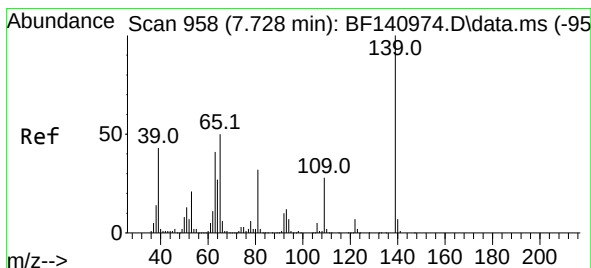
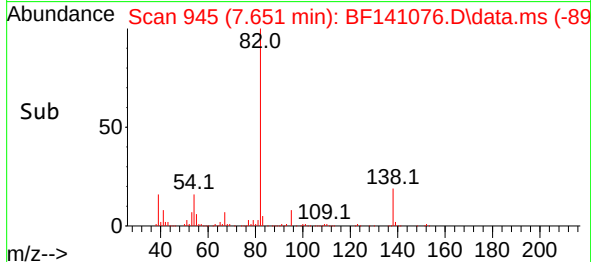
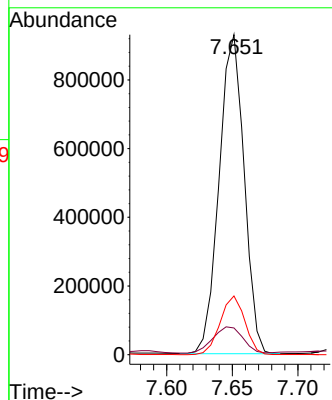
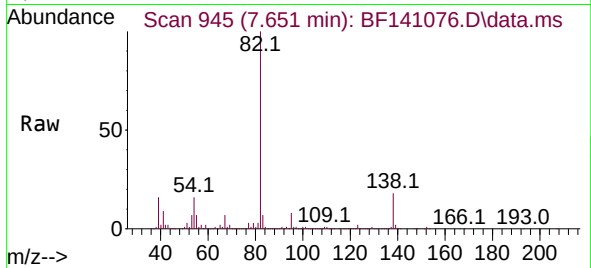




#25  
Isophorone  
Concen: 42.016 ng  
RT: 7.651 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

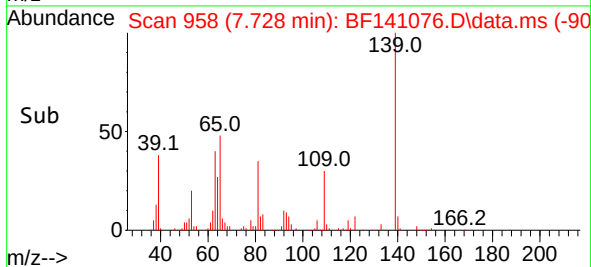
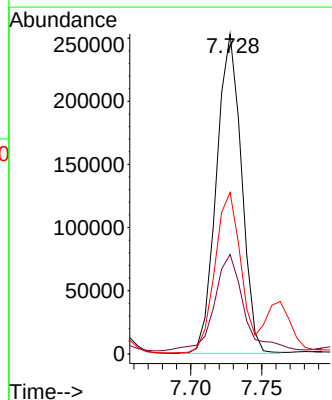
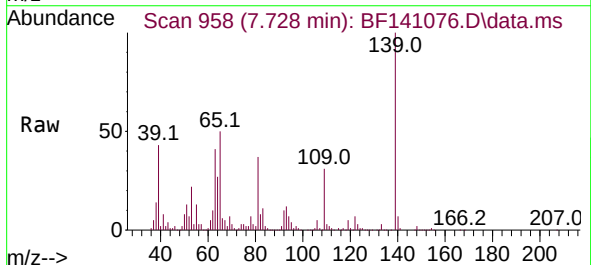
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

Tgt Ion: 82 Resp: 1229577  
Ion Ratio Lower Upper  
82 100  
95 8.4 5.6 8.4  
138 18.3 14.6 21.8

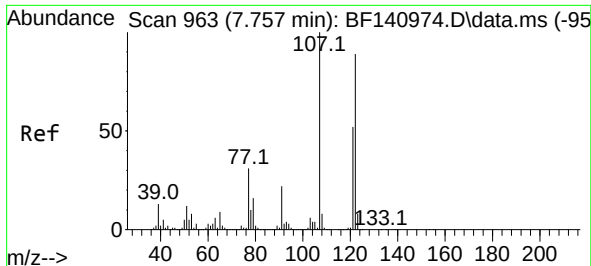


#26  
2-Nitrophenol  
Concen: 49.922 ng  
RT: 7.728 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:139 Resp: 308907  
Ion Ratio Lower Upper  
139 100  
109 31.1 22.2 33.4  
65 50.5 40.2 60.4







#27

2,4-Dimethylphenol

Concen: 49.045 ng

RT: 7.763 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

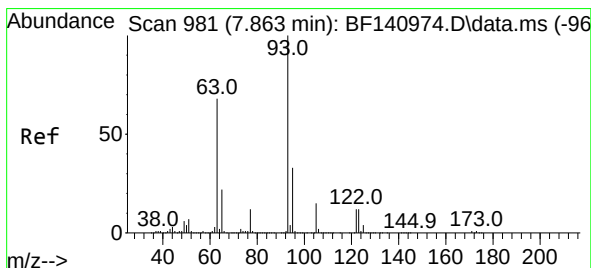
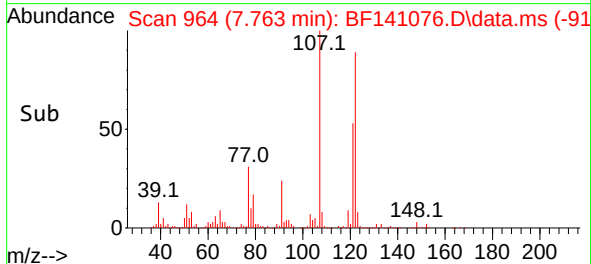
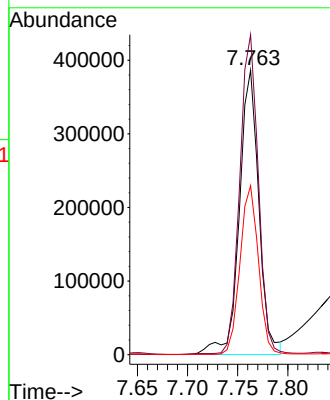
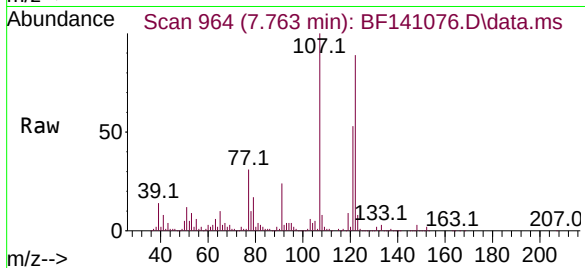
Tgt Ion:122 Resp: 524552

Ion Ratio Lower Upper

122 100

107 112.5 89.4 134.2

121 59.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.950 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

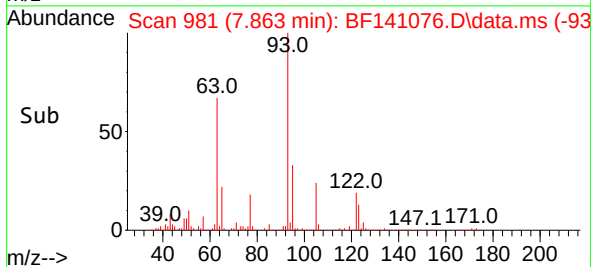
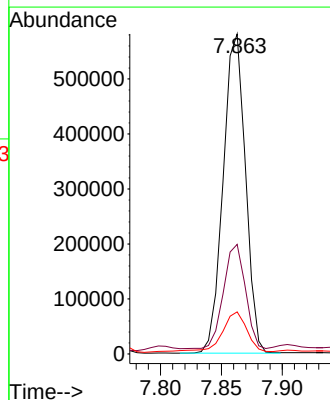
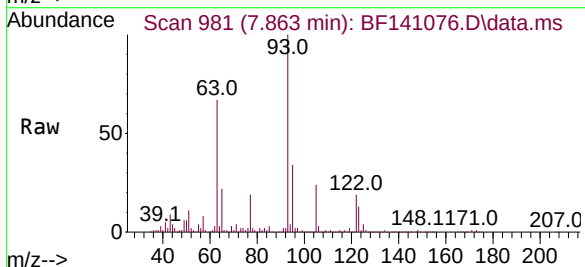
Tgt Ion: 93 Resp: 740739

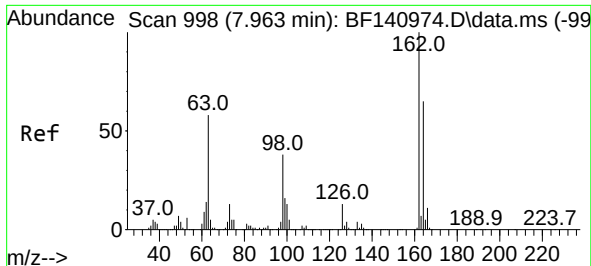
Ion Ratio Lower Upper

93 100

95 34.2 26.2 39.4

123 13.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.271 ng

RT: 7.969 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

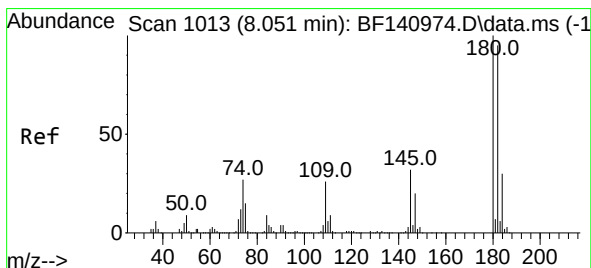
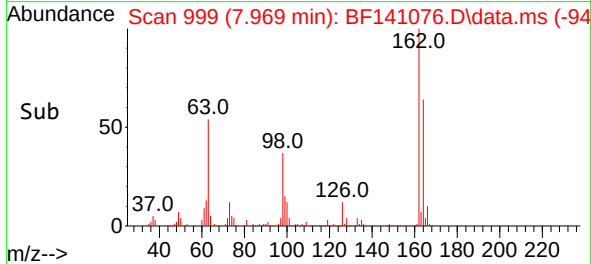
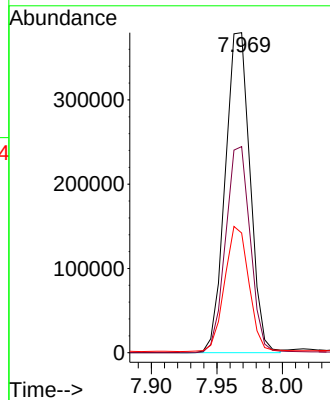
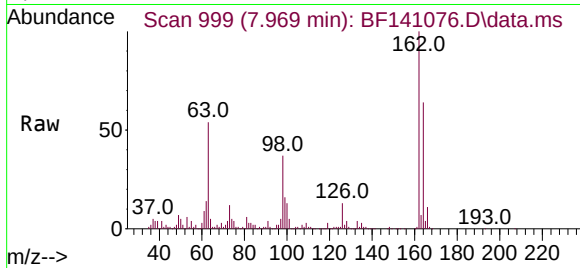
Tgt Ion:162 Resp: 500612

Ion Ratio Lower Upper

162 100

164 64.4 44.8 84.8

98 37.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 38.306 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

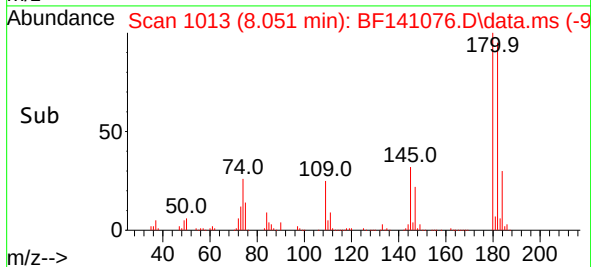
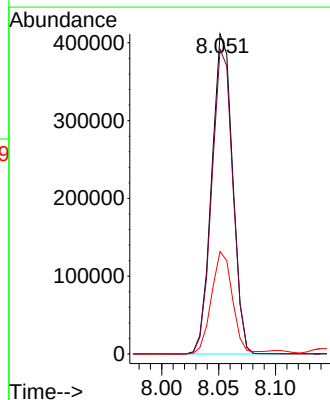
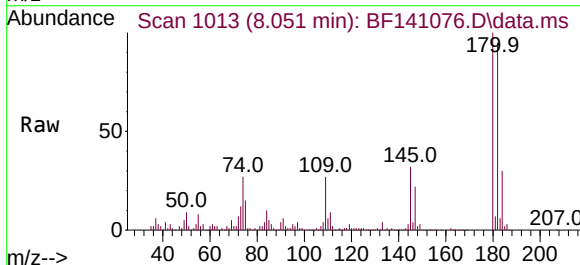
Tgt Ion:180 Resp: 525916

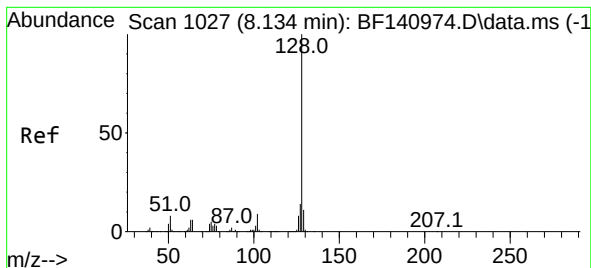
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 32.0 25.4 38.2





#31

Naphthalene

Concen: 39.022 ng

RT: 8.134 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

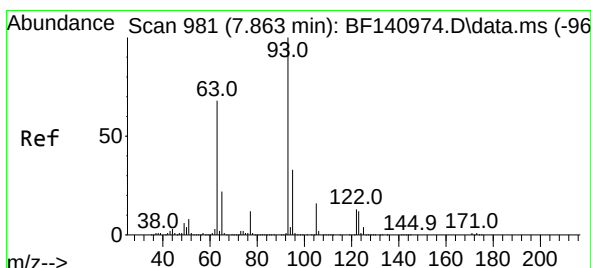
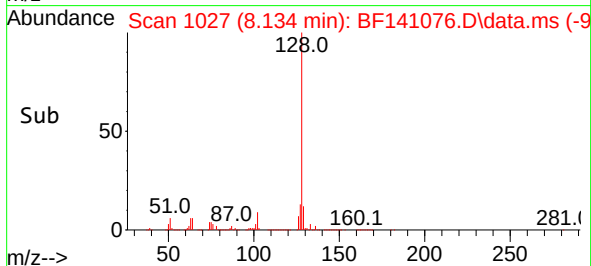
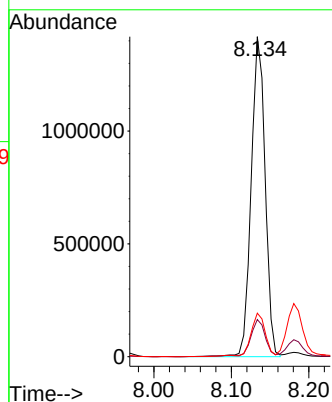
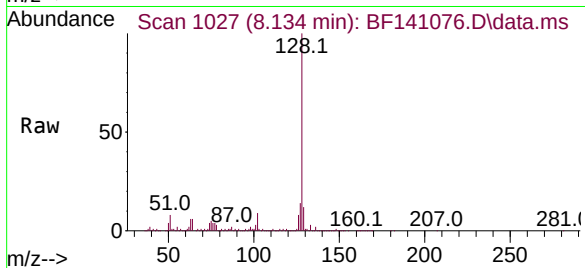
Tgt Ion:128 Resp: 1769188

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.6 11.0 16.4



#32

Benzoic acid

Concen: 44.678 ng

RT: 7.869 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

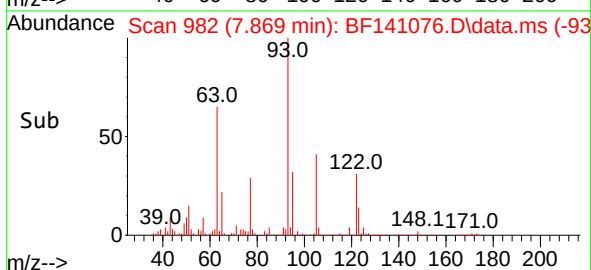
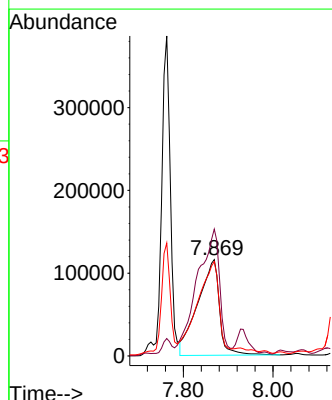
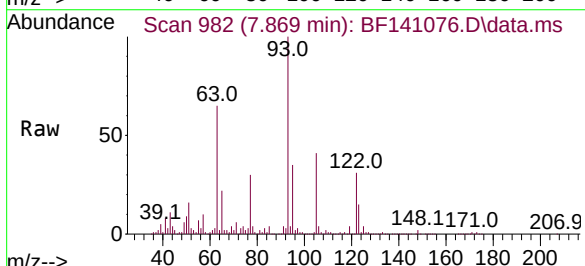
Tgt Ion:122 Resp: 387655

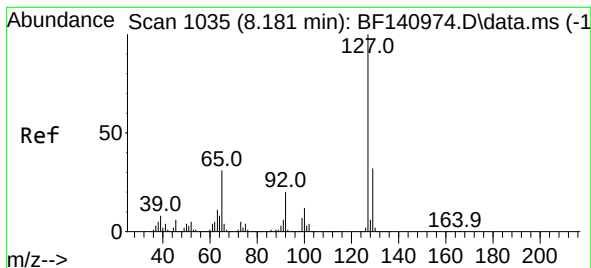
Ion Ratio Lower Upper

122 100

105 131.6 105.4 145.4

77 97.9 76.4 116.4





#33

4-Chloroaniline

Concen: 20.191 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

Tgt Ion:127 Resp: 331164

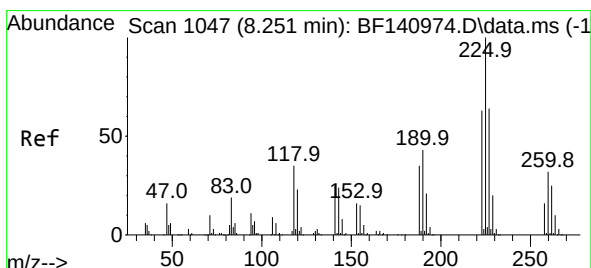
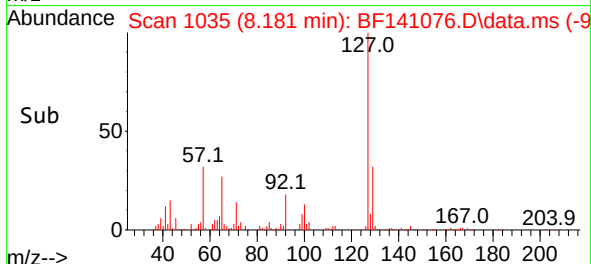
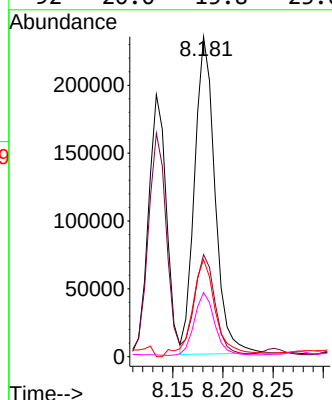
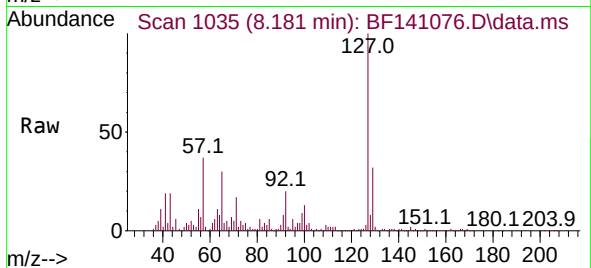
Ion Ratio Lower Upper

127 100

129 31.9 26.1 39.1

65 30.4 24.6 37.0

92 20.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 40.049 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

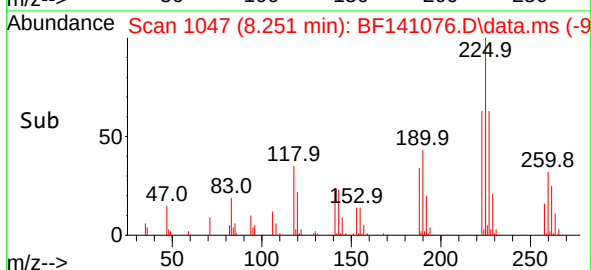
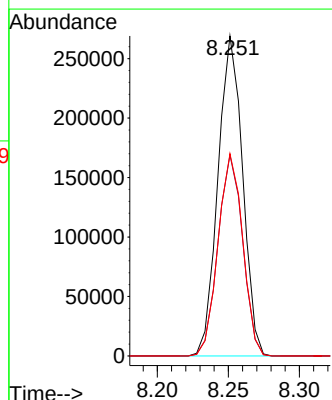
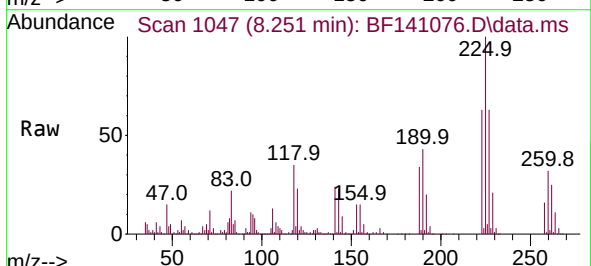
Tgt Ion:225 Resp: 324150

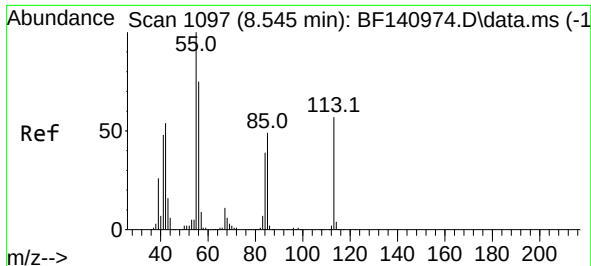
Ion Ratio Lower Upper

225 100

223 62.8 50.3 75.5

227 63.2 50.8 76.2

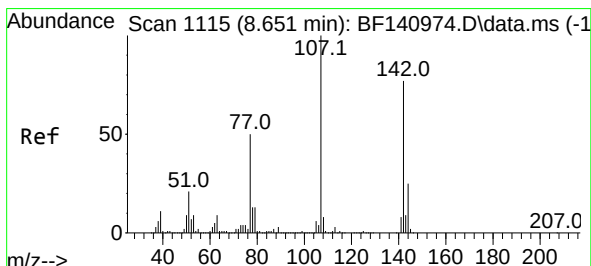
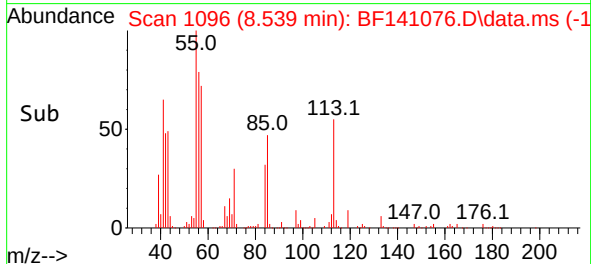
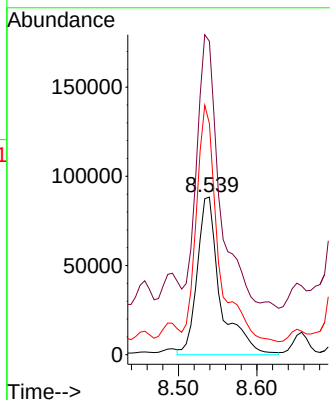
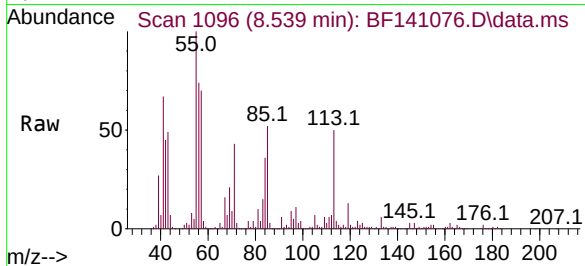




#35  
 Caprolactam  
 Concen: 44.105 ng m  
 RT: 8.539 min Scan# 1096  
 Delta R.T. -0.006 min  
 Lab File: BF141076.D  
 Acq: 06 Jan 2025 15:19

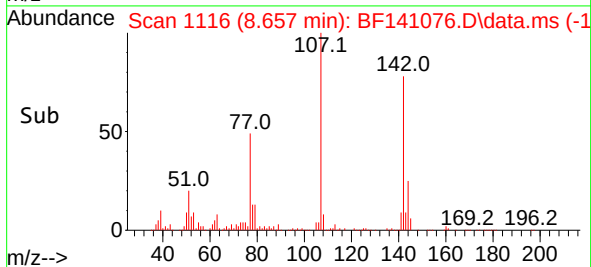
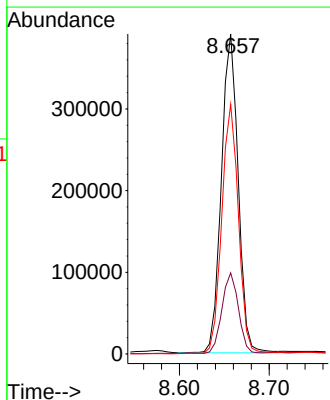
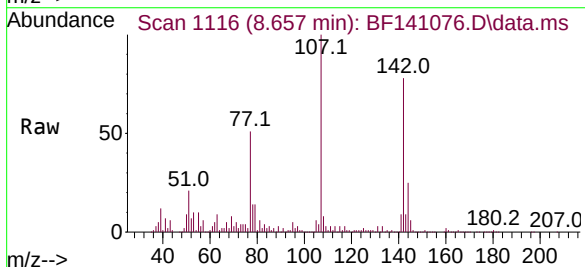
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-03-1-03-2025MSD

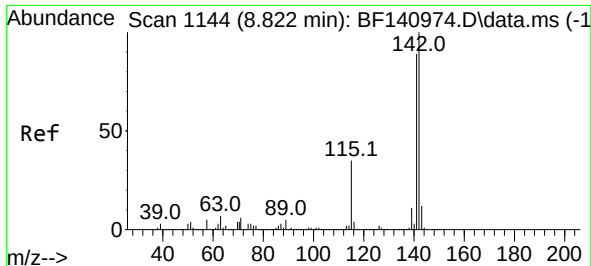
Tgt Ion:113 Resp: 181876  
 Ion Ratio Lower Upper  
 113 100  
 55 198.9 156.6 196.6#  
 56 146.7 111.7 151.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 37.581 ng  
 RT: 8.657 min Scan# 1116  
 Delta R.T. 0.006 min  
 Lab File: BF141076.D  
 Acq: 06 Jan 2025 15:19

Tgt Ion:107 Resp: 506251  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 19.9 29.9  
 142 78.0 61.8 92.8

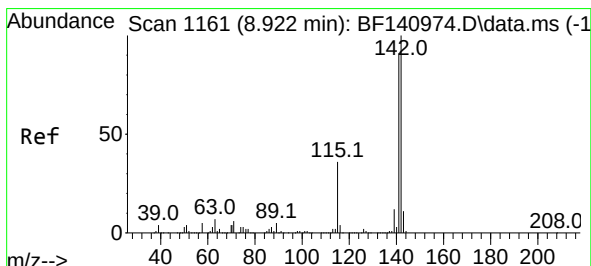
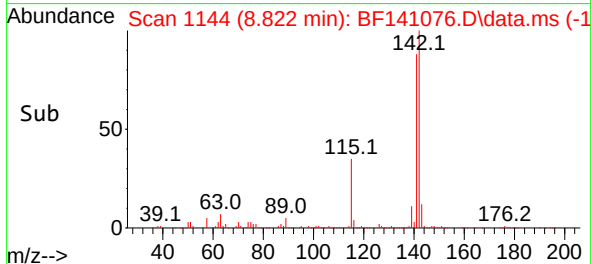
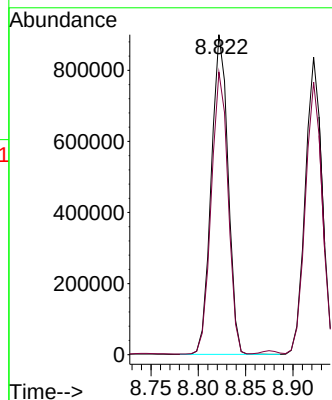
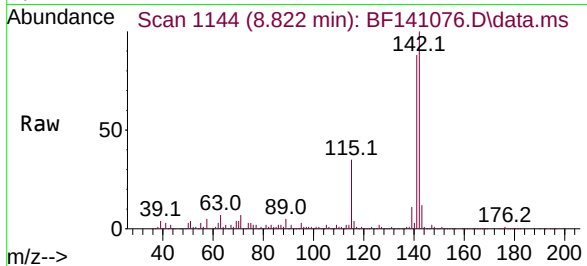




#37  
2-Methylnaphthalene  
Concen: 38.339 ng  
RT: 8.822 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

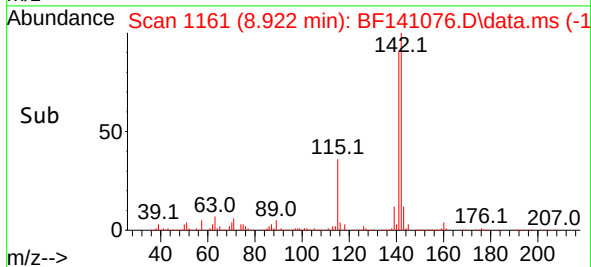
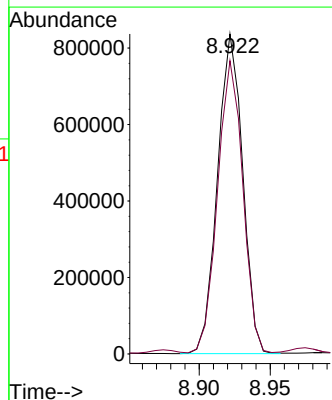
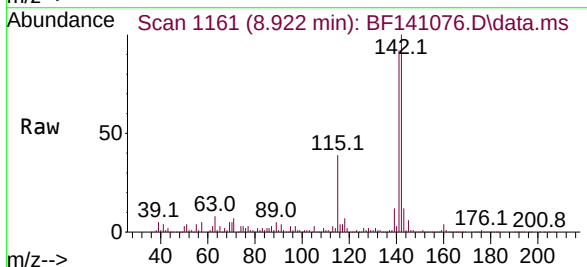
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

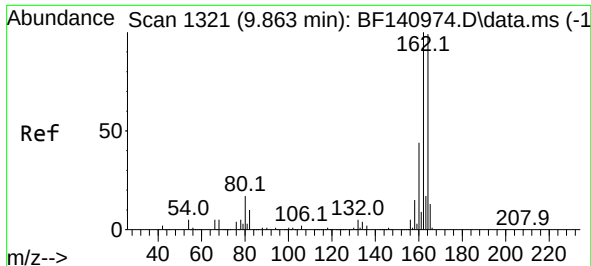
Tgt Ion:142 Resp: 1111983  
Ion Ratio Lower Upper  
142 100  
141 88.3 71.1 106.7



#38  
1-Methylnaphthalene  
Concen: 36.102 ng  
RT: 8.922 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

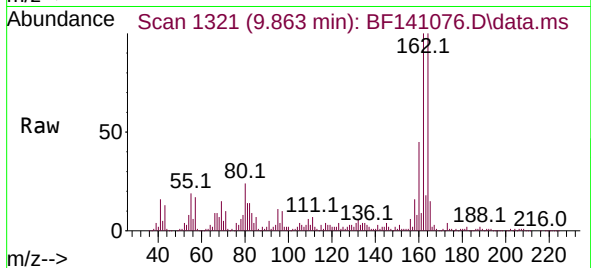
Tgt Ion:142 Resp: 1029082  
Ion Ratio Lower Upper  
142 100  
141 91.6 72.7 109.1



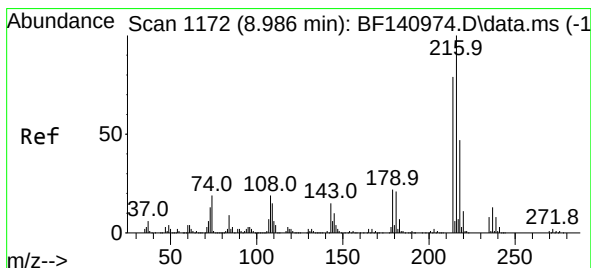
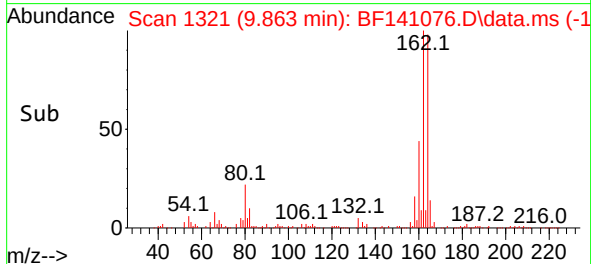
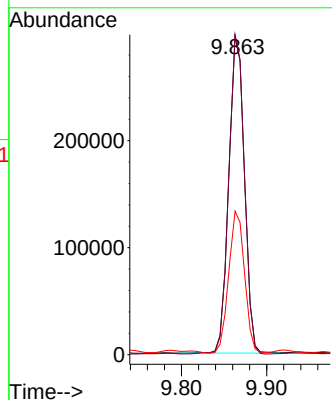


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

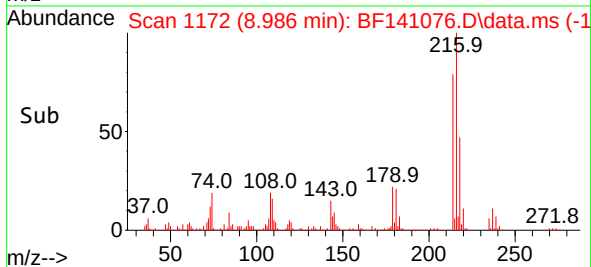
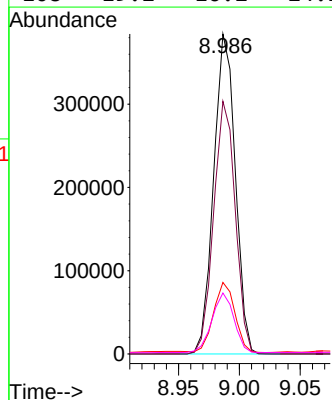
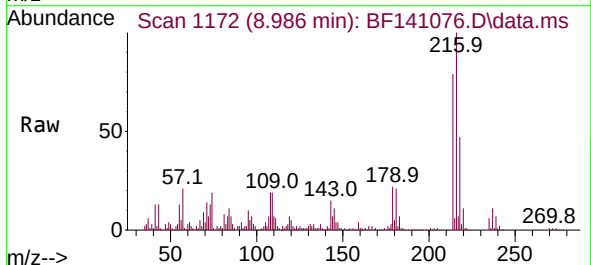


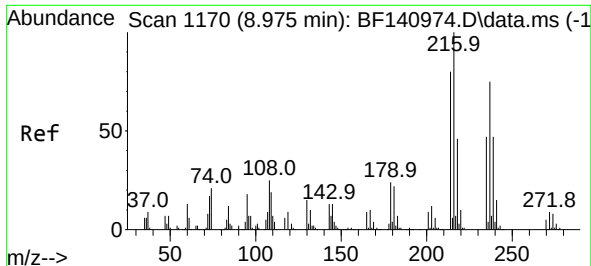
Tgt Ion:164 Resp: 377155  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.6 120.8  
160 45.0 35.7 53.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.760 ng  
RT: 8.986 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

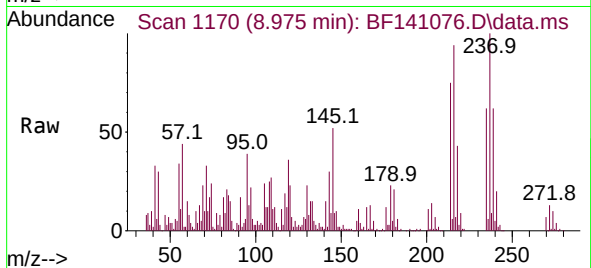
Tgt Ion:216 Resp: 474804  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.0 94.6  
179 21.8 17.9 26.9  
108 19.2 16.2 24.2



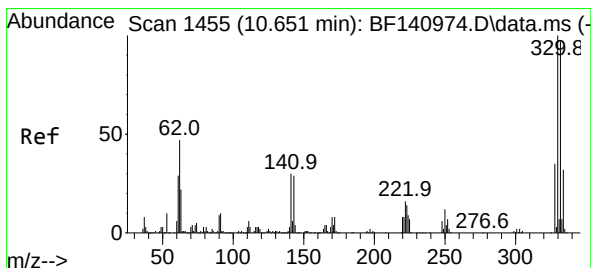
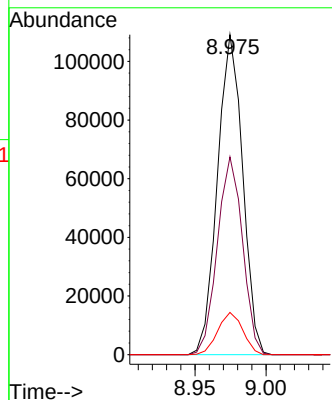
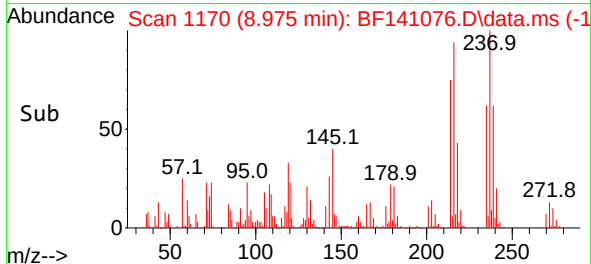


#41  
Hexachlorocyclopentadiene  
Concen: 39.133 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

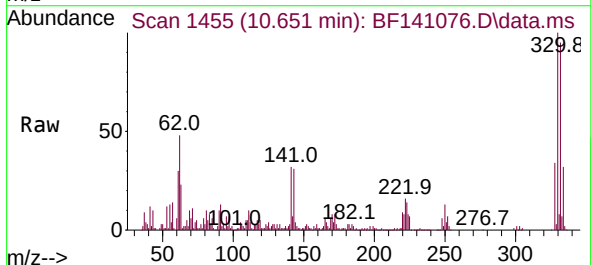
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD



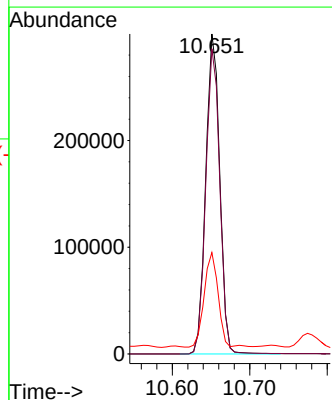
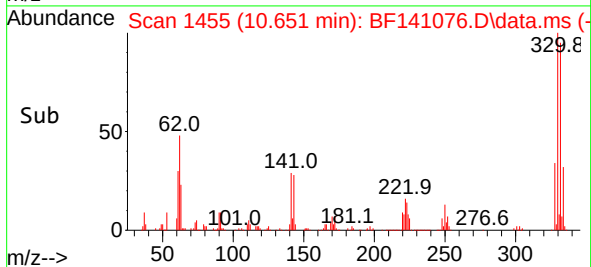
Tgt Ion:237 Resp: 134559  
Ion Ratio Lower Upper  
237 100  
235 61.8 43.4 83.4  
272 13.2 0.0 32.6



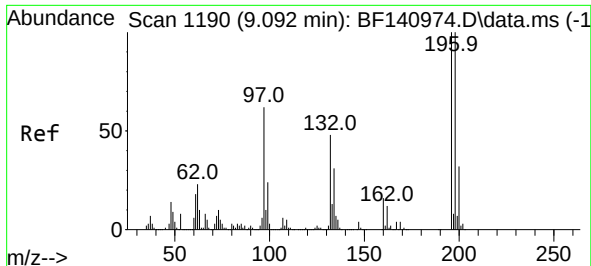
#42  
2,4,6-Tribromophenol  
Concen: 102.578 ng  
RT: 10.651 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19



Tgt Ion:330 Resp: 375930  
Ion Ratio Lower Upper  
330 100  
332 95.6 78.0 117.0  
141 29.3 26.4 39.6



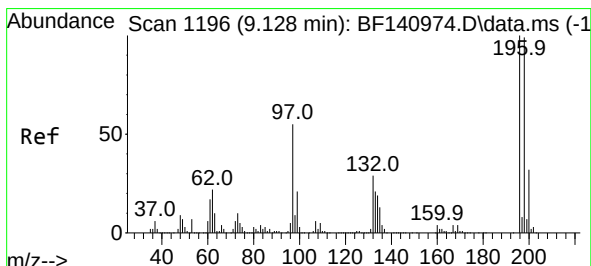
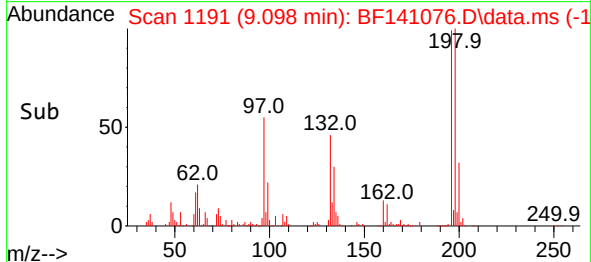
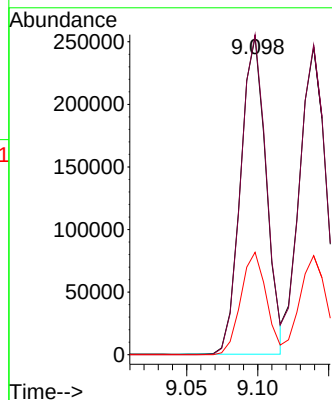
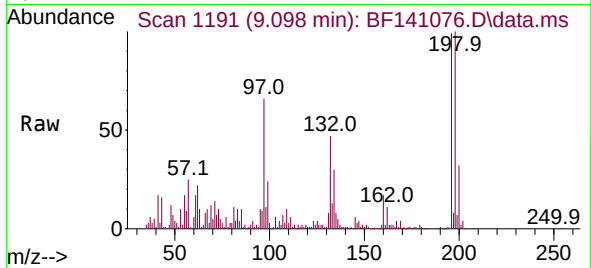




#43  
2,4,6-Trichlorophenol  
Concen: 45.889 ng  
RT: 9.098 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

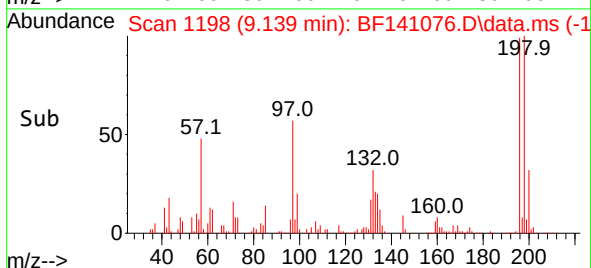
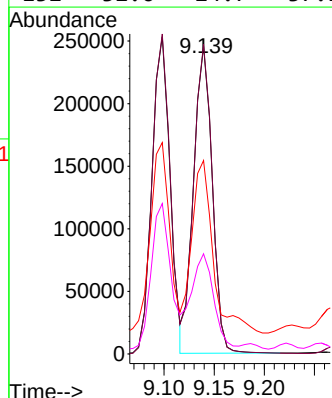
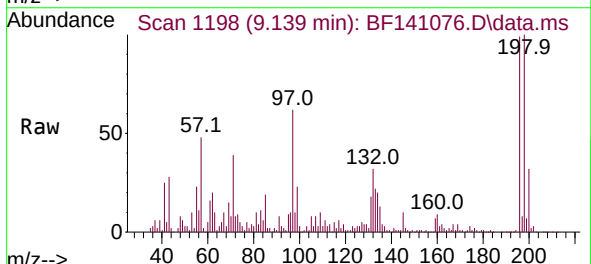
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

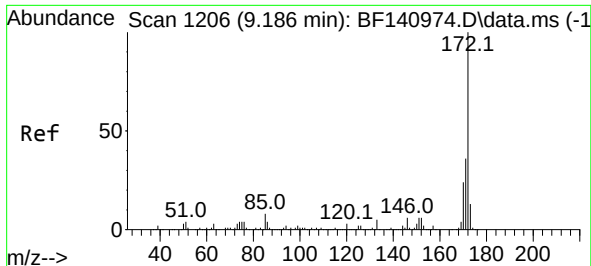
Tgt Ion:196 Resp: 316900  
Ion Ratio Lower Upper  
196 100  
198 100.8 80.2 120.4  
200 32.3 25.8 38.6



#44  
2,4,5-Trichlorophenol  
Concen: 45.131 ng  
RT: 9.139 min Scan# 1198  
Delta R.T. 0.012 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:196 Resp: 318893  
Ion Ratio Lower Upper  
196 100  
198 100.7 79.9 119.9  
97 62.9 44.3 66.5  
132 32.6 24.7 37.1

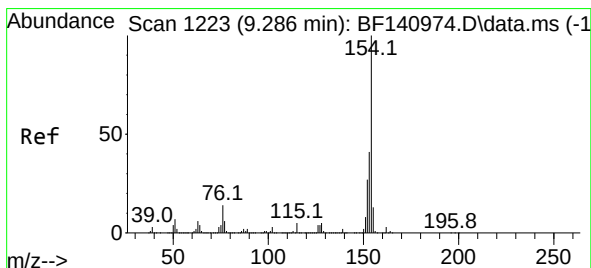
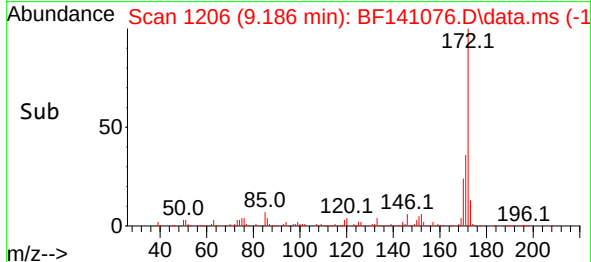
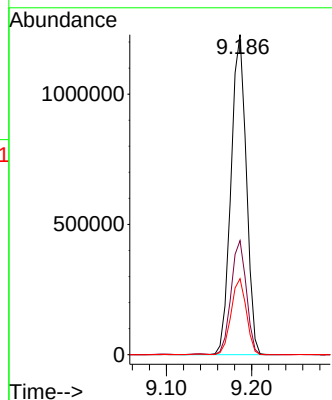
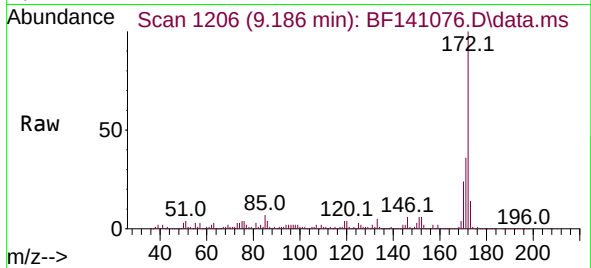




#45  
2-Fluorobiphenyl  
Concen: 64.950 ng  
RT: 9.186 min Scan# 1206  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

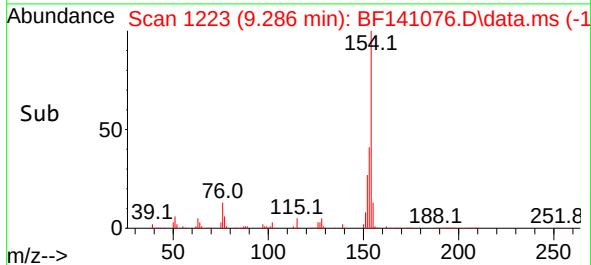
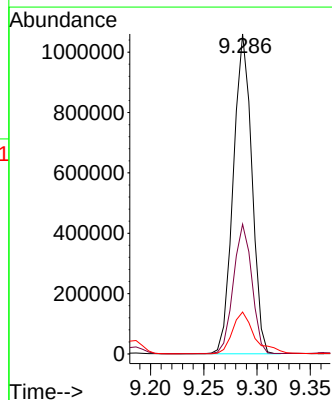
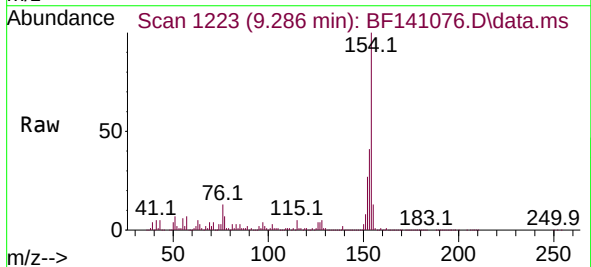
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

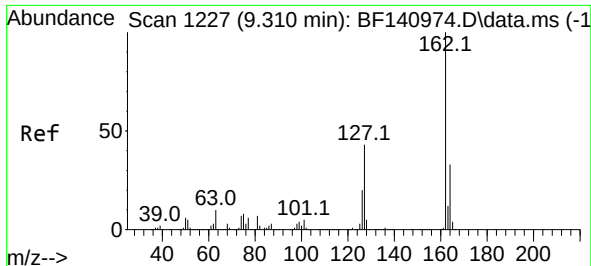
Tgt Ion:172 Resp: 1537515  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.0 43.4  
170 23.7 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 44.436 ng  
RT: 9.286 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:154 Resp: 1283256  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.9 60.9  
76 13.1 0.0 34.0

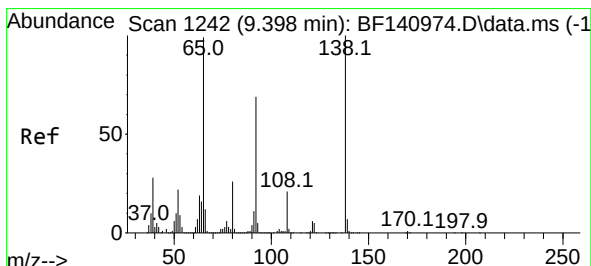
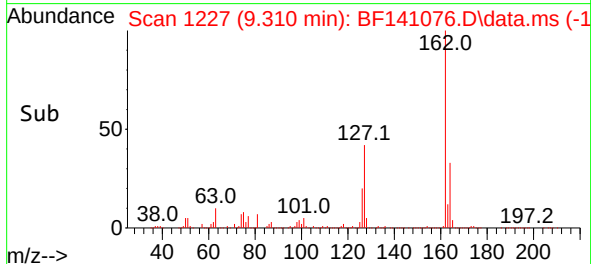
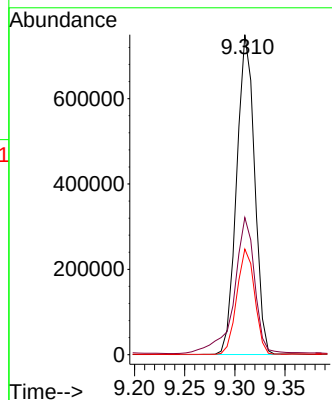
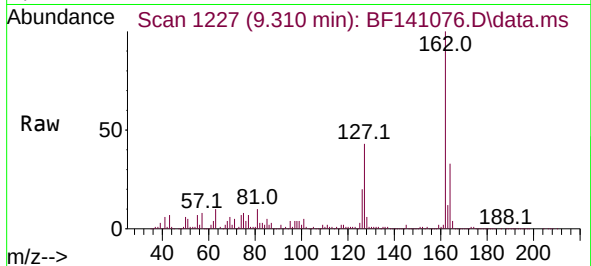




#47  
2-Chloronaphthalene  
Concen: 41.650 ng  
RT: 9.310 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

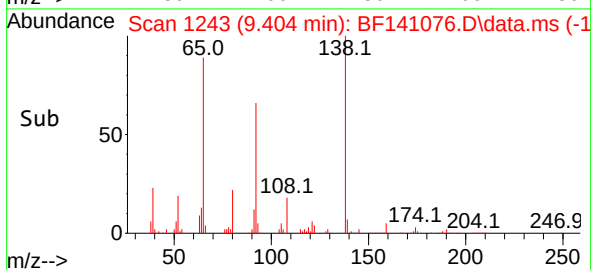
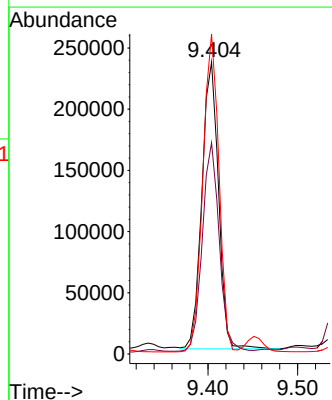
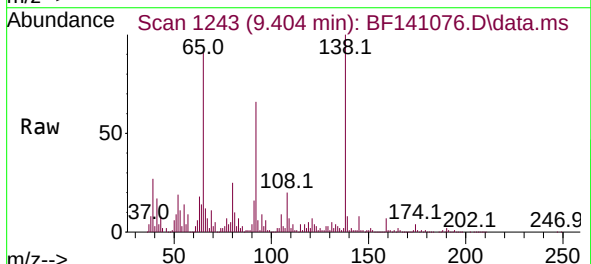
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

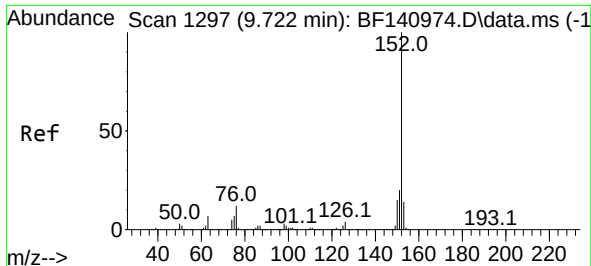
Tgt Ion:162 Resp: 932843  
Ion Ratio Lower Upper  
162 100  
127 42.9 34.2 51.4  
164 33.0 26.6 40.0



#48  
2-Nitroaniline  
Concen: 51.007 ng  
RT: 9.404 min Scan# 1243  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion: 65 Resp: 300753  
Ion Ratio Lower Upper  
65 100  
92 72.4 55.6 83.4  
138 109.7 80.5 120.7

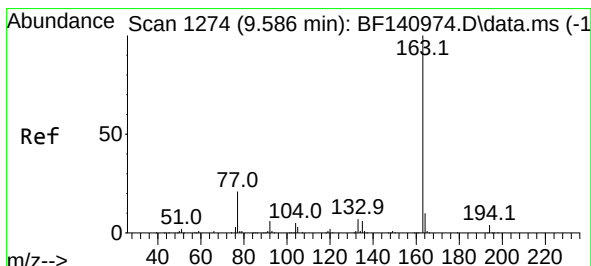
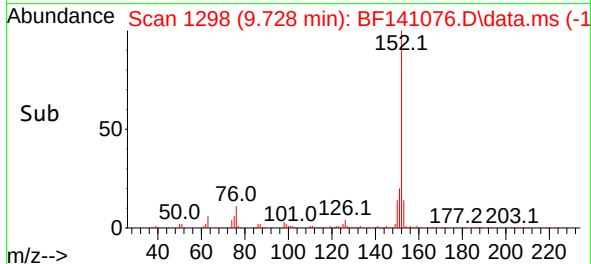
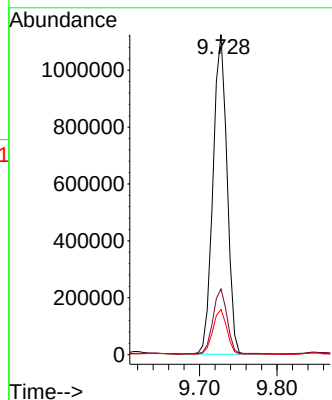
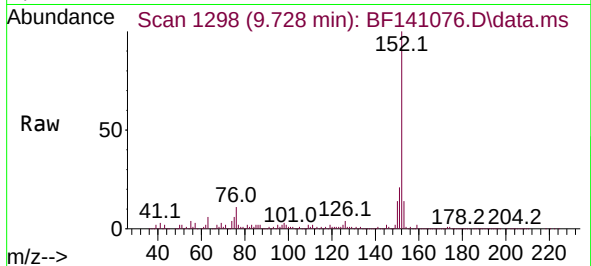




#49  
Acenaphthylene  
Concen: 43.706 ng  
RT: 9.728 min Scan# 1297  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

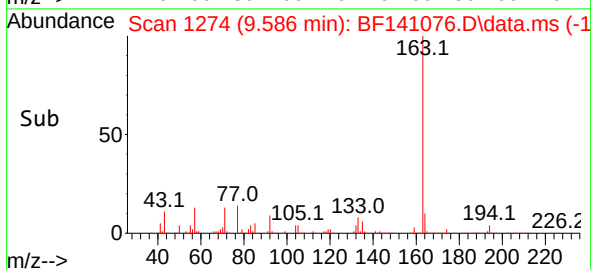
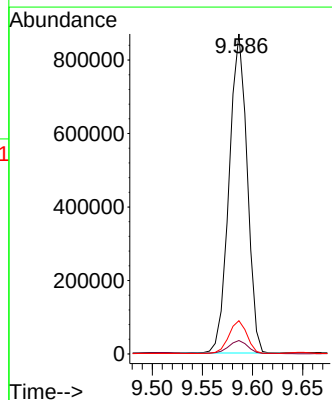
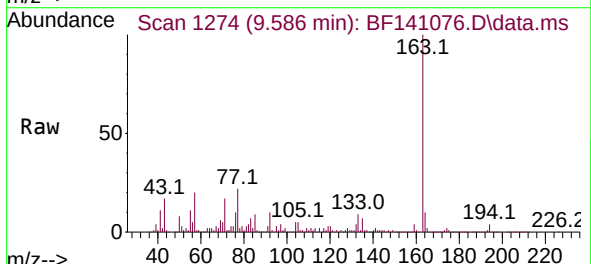
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

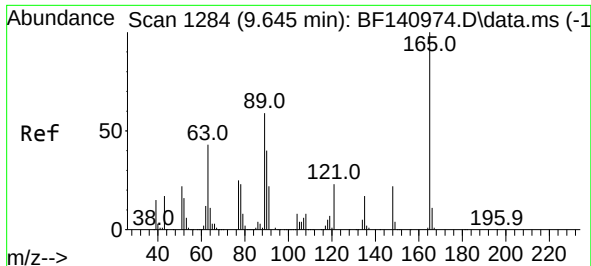
Tgt Ion:152 Resp: 1409159  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.2 24.4  
153 14.1 11.4 17.0



#50  
Dimethylphthalate  
Concen: 43.699 ng  
RT: 9.586 min Scan# 1274  
Delta R.T. 0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:163 Resp: 1084087  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.1 4.7  
164 10.4 8.3 12.5

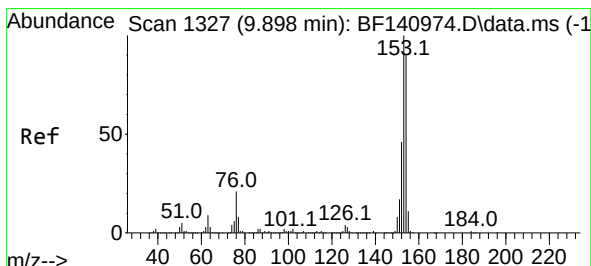
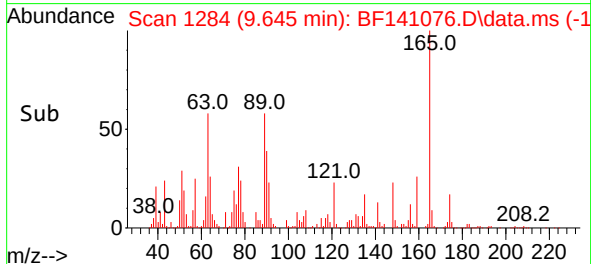
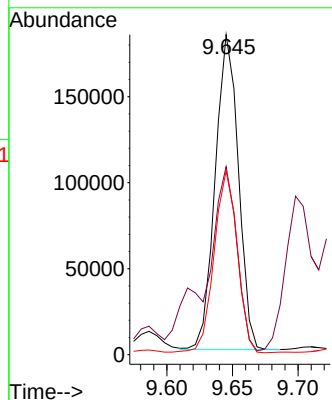
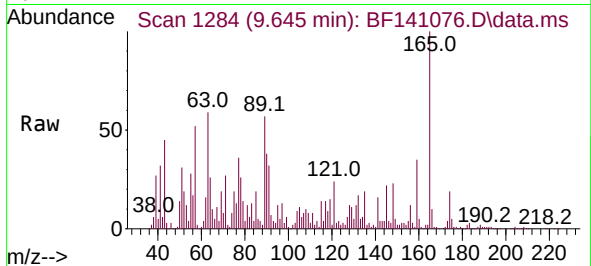




#51  
2,6-Dinitrotoluene  
Concen: 44.672 ng  
RT: 9.645 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

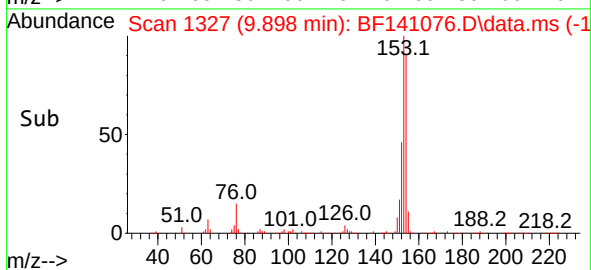
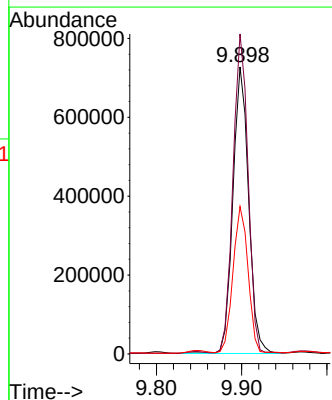
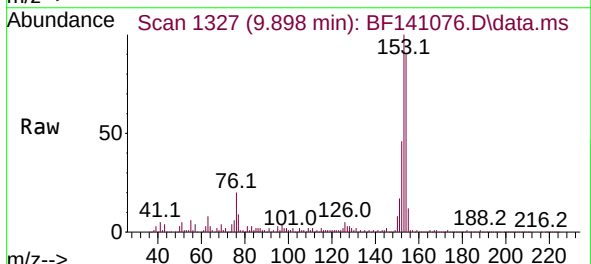
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

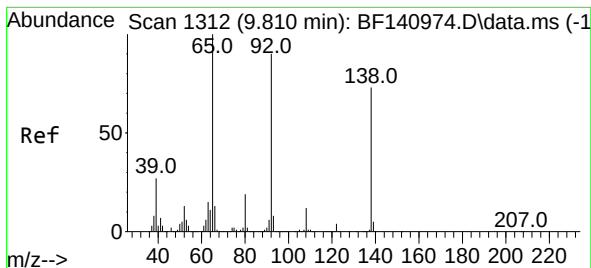
Tgt Ion:165 Resp: 224618  
Ion Ratio Lower Upper  
165 100  
63 58.7 47.1 70.7  
89 57.4 47.0 70.4



#52  
Acenaphthene  
Concen: 42.736 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:154 Resp: 931517  
Ion Ratio Lower Upper  
154 100  
153 111.5 89.2 133.8  
152 51.3 40.9 61.3





#53

3-Nitroaniline

Concen: 36.614 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

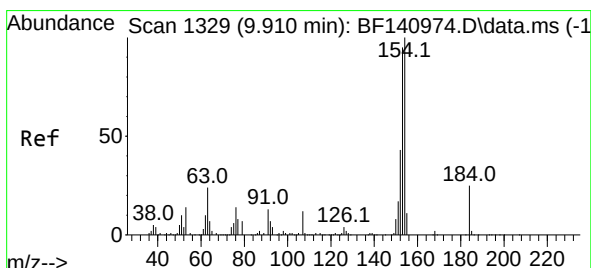
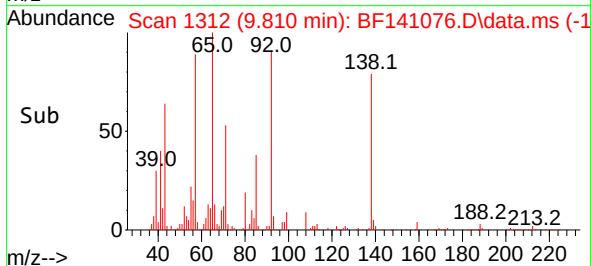
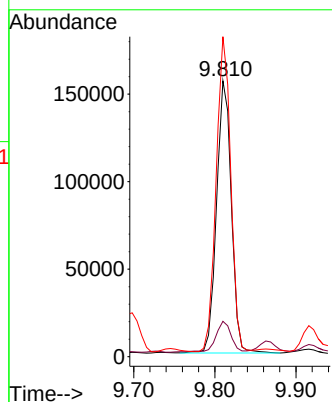
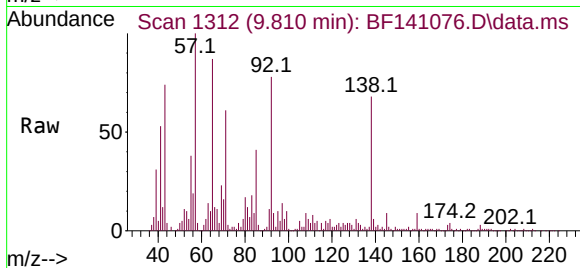
Tgt Ion:138 Resp: 196879

Ion Ratio Lower Upper

138 100

108 12.8 13.5 20.3#

92 116.0 97.7 146.5



#54

2,4-Dinitrophenol

Concen: 45.162 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

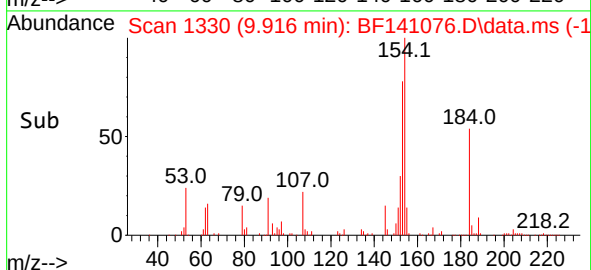
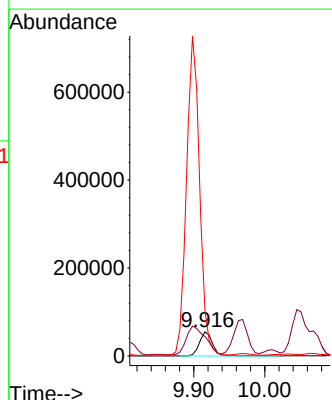
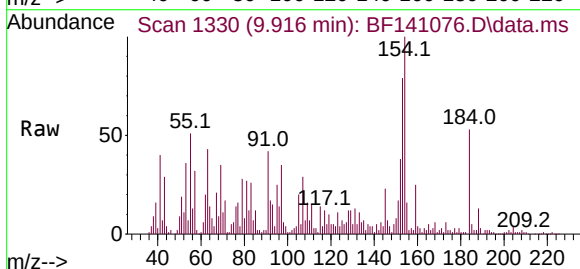
Tgt Ion:184 Resp: 69909

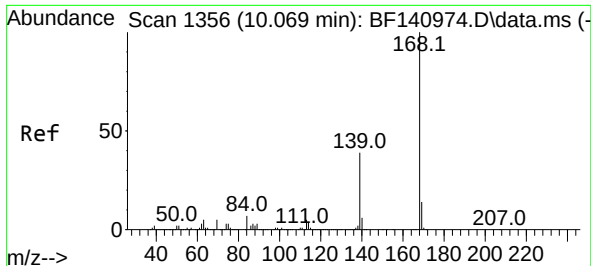
Ion Ratio Lower Upper

184 100

63 80.5 81.6 122.4#

154 187.3 363.5 545.3#

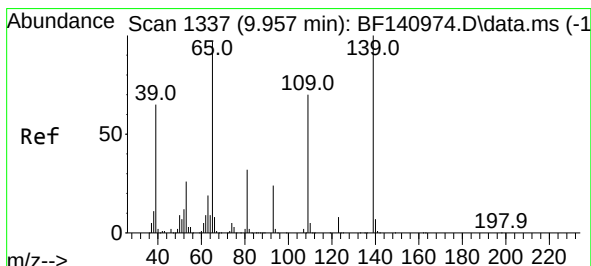
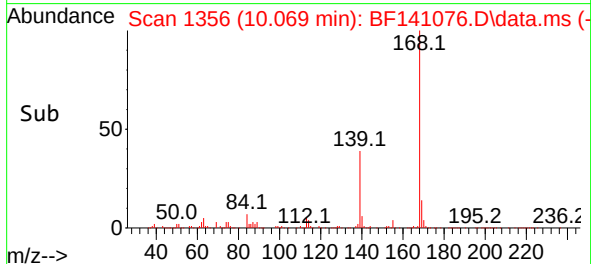
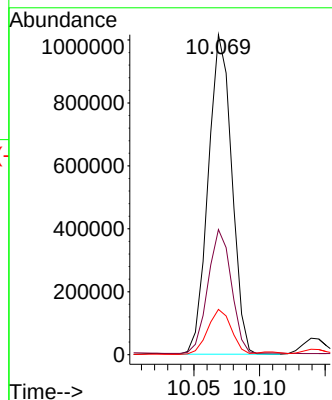
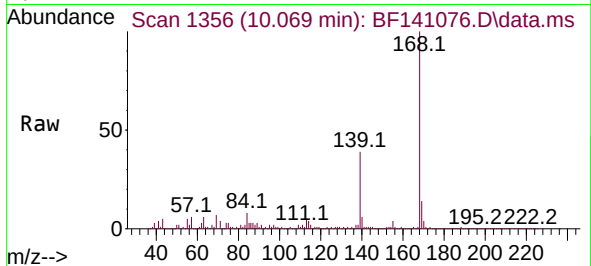




#55  
Dibenzofuran  
Concen: 41.376 ng  
RT: 10.069 min Scan# 1356  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

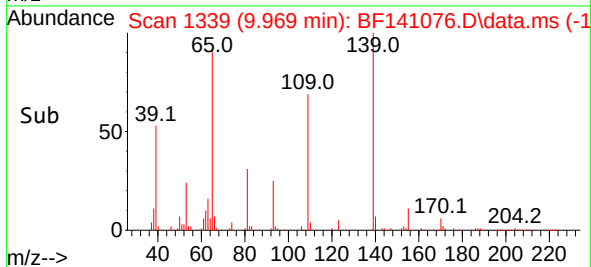
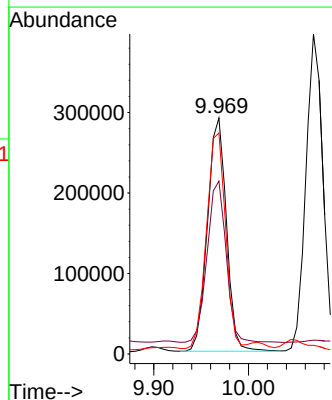
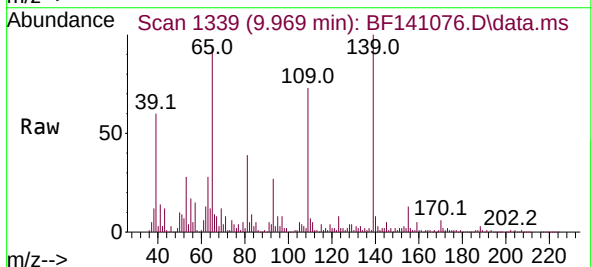
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

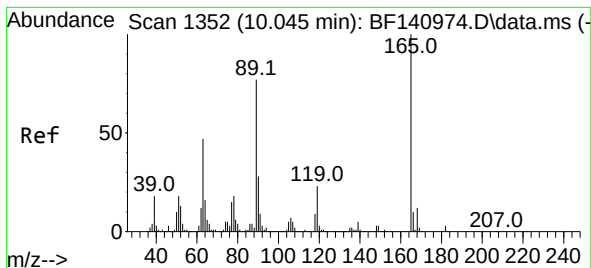
Tgt Ion:168 Resp: 1267462  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.6 47.4  
169 14.2 11.0 16.6



#56  
4-Nitrophenol  
Concen: 94.879 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. 0.012 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:139 Resp: 402629  
Ion Ratio Lower Upper  
139 100  
109 73.3 50.8 90.8  
65 93.6 78.5 118.5

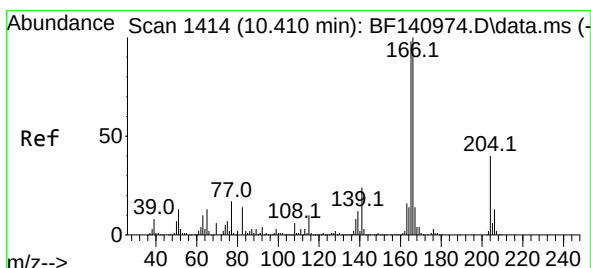
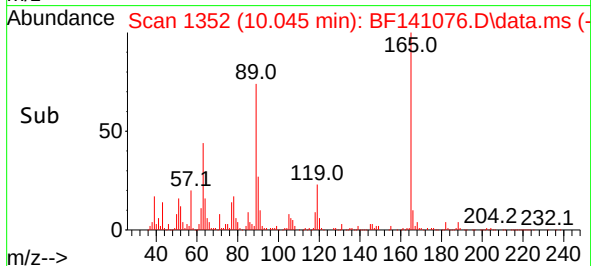
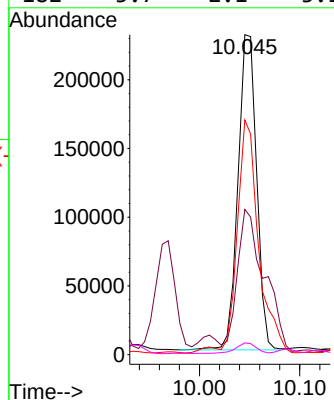
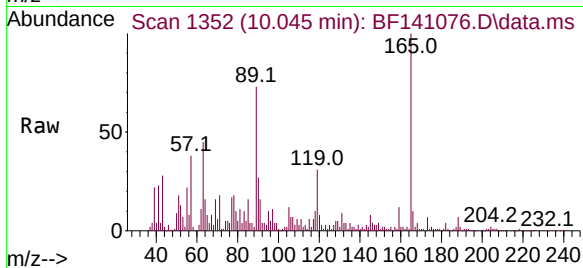




#57  
2,4-Dinitrotoluene  
Concen: 47.978 ng  
RT: 10.045 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

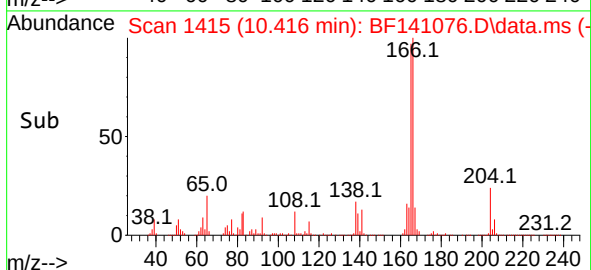
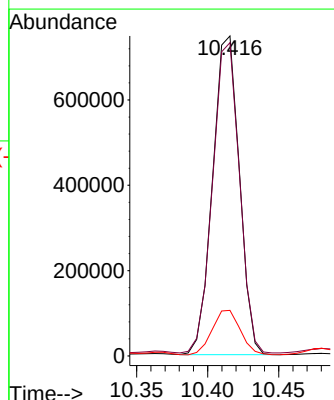
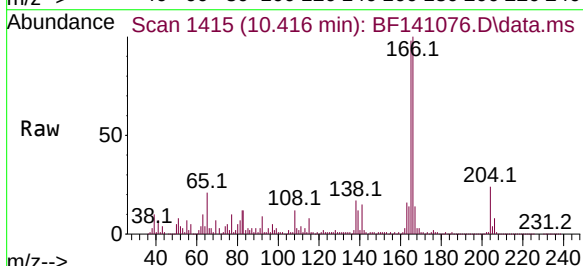
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

Tgt Ion:165 Resp: 297019  
Ion Ratio Lower Upper  
165 100  
63 45.4 38.1 57.1  
89 73.3 61.4 92.2  
182 3.7 2.1 3.1#

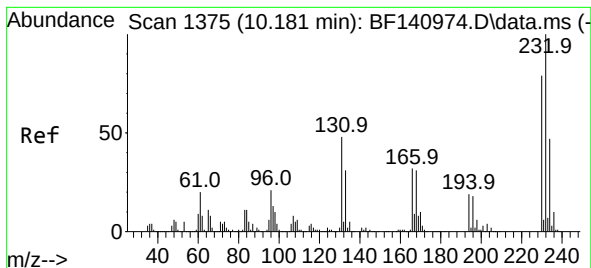


#58  
Fluorene  
Concen: 41.191 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:166 Resp: 978457  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.3 117.5  
167 14.2 10.9 16.3



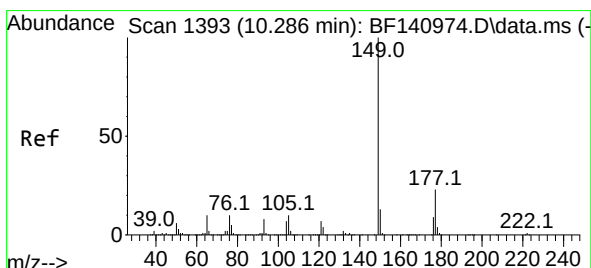
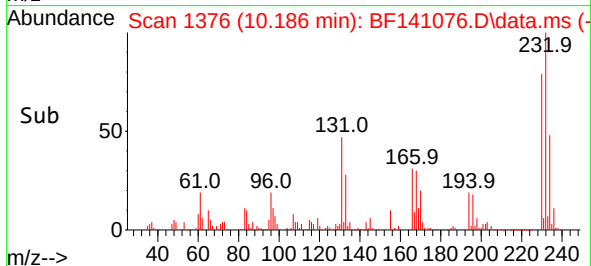
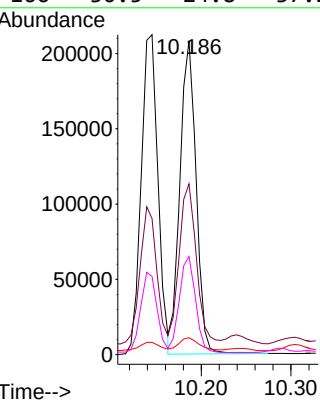
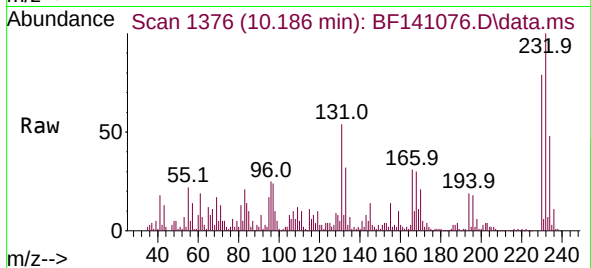




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.518 ng  
RT: 10.186 min Scan# 1375  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

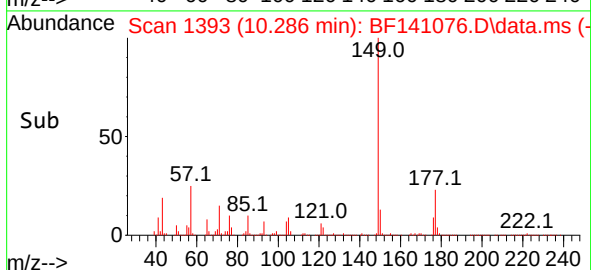
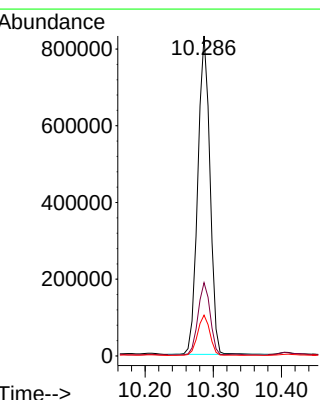
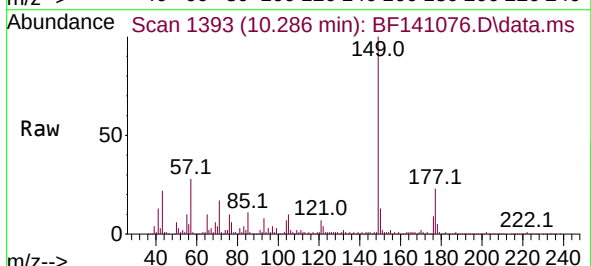
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

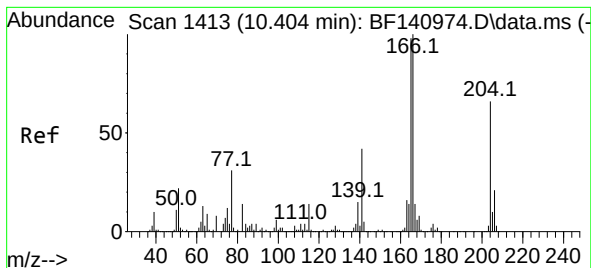
Tgt Ion:232 Resp: 260519  
Ion Ratio Lower Upper  
232 100  
131 52.8 37.4 56.2  
130 4.6 1.8 2.8#  
166 30.5 24.8 37.2



#60  
Diethylphthalate  
Concen: 42.041 ng  
RT: 10.286 min Scan# 1393  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:149 Resp: 1029630  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.3 27.5  
150 12.8 10.4 15.6

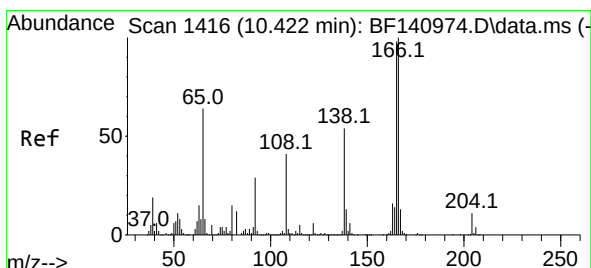
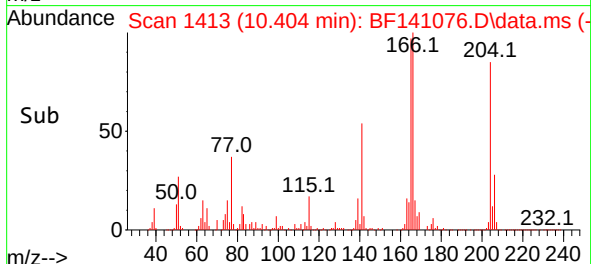
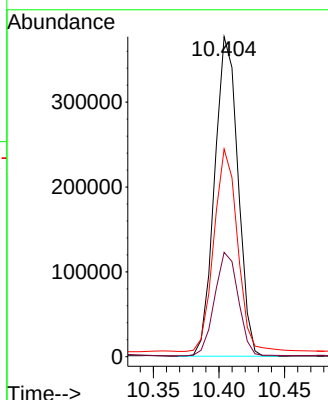
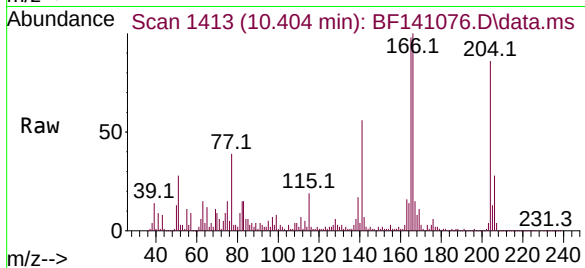




#61  
4-Chlorophenyl-phenylether  
Concen: 40.818 ng  
RT: 10.404 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

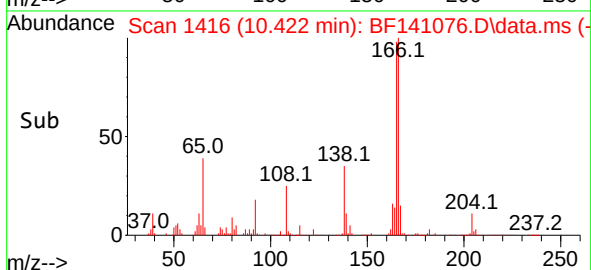
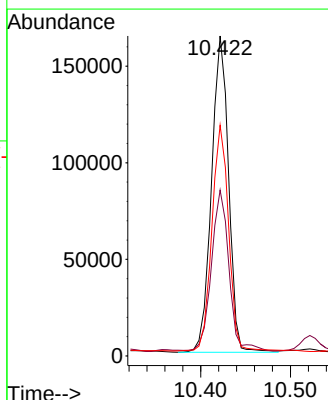
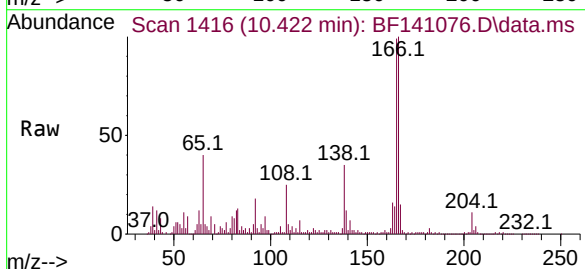
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

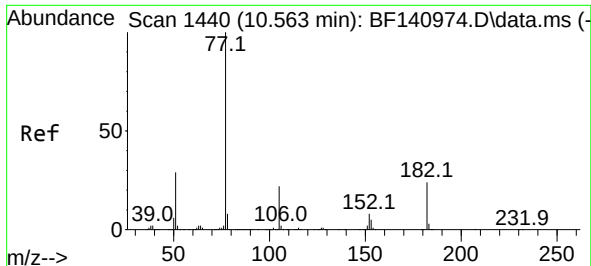
Tgt Ion:204 Resp: 466546  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.8 38.6  
141 64.9 51.2 76.8



#62  
4-Nitroaniline  
Concen: 39.871 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:138 Resp: 215804  
Ion Ratio Lower Upper  
138 100  
92 51.9 34.8 74.8  
108 72.1 55.9 95.9



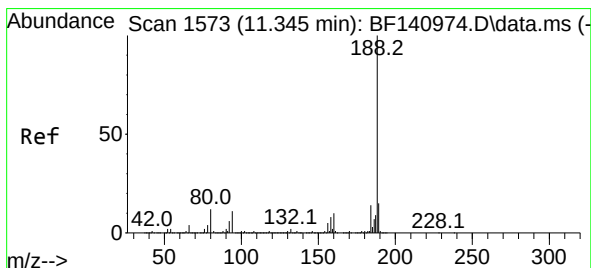
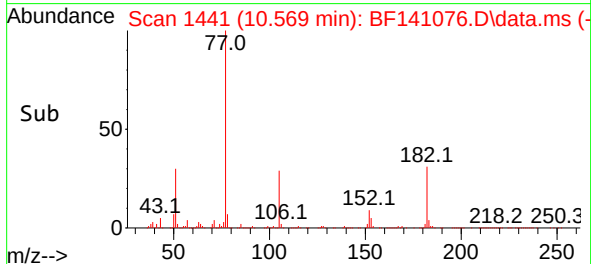
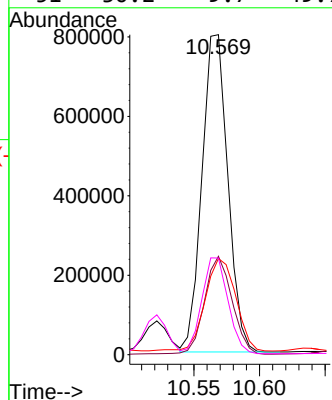
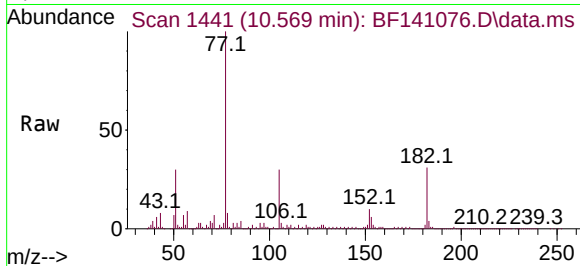


#63  
Azobenzene  
Concen: 42.733 ng  
RT: 10.569 min Scan# 1440  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

Tgt Ion: 77 Resp: 1098527

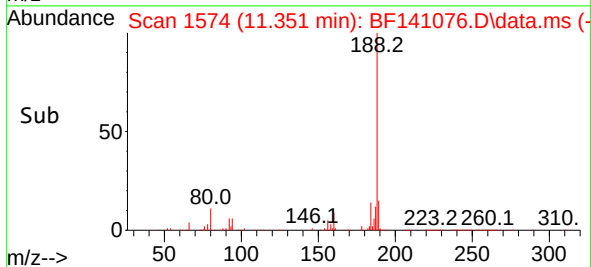
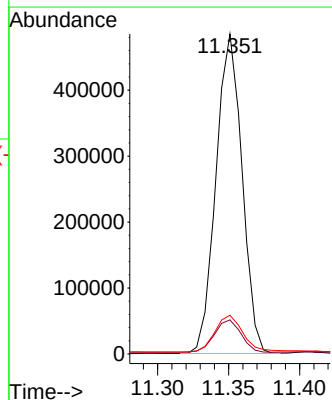
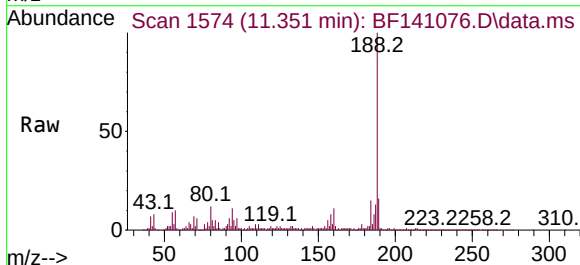
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 30.8  | 4.1   | 44.1  |
| 105 | 30.1  | 1.8   | 41.8  |
| 51  | 30.2  | 9.7   | 49.7  |

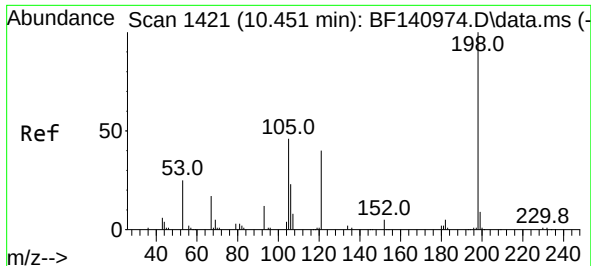


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 1574  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion: 188 Resp: 617908

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.6  | 9.0   | 13.6  |
| 80  | 12.1  | 9.8   | 14.6  |

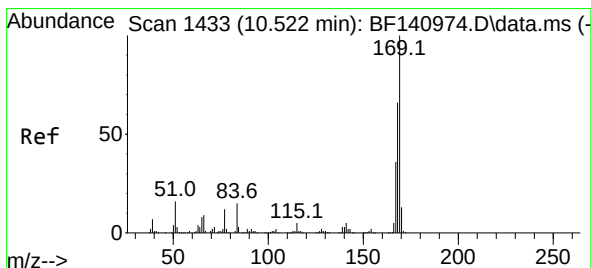
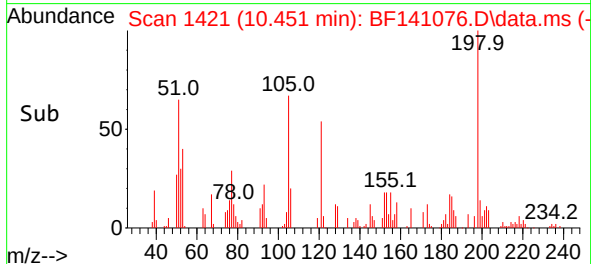
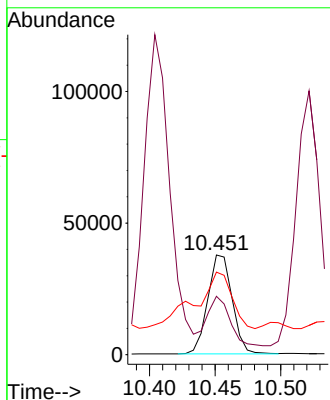
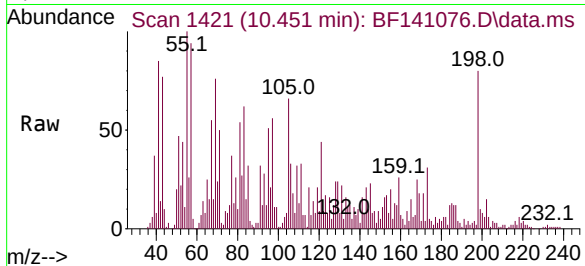




#65  
4,6-Dinitro-2-methylphenol  
Concen: 25.231 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

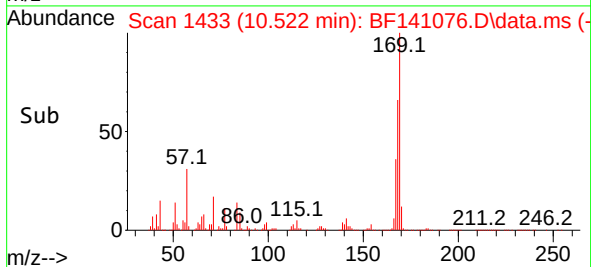
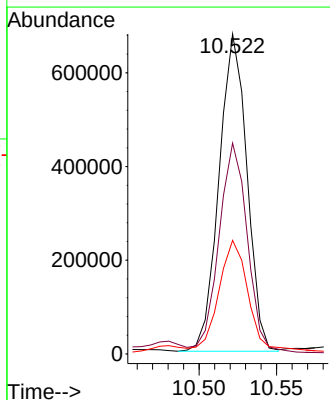
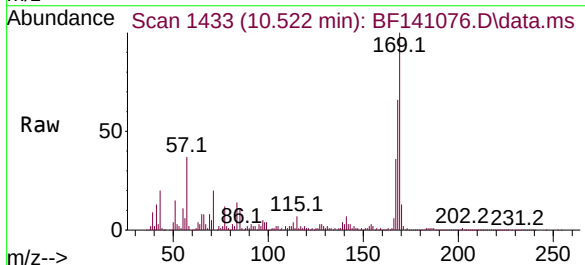
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

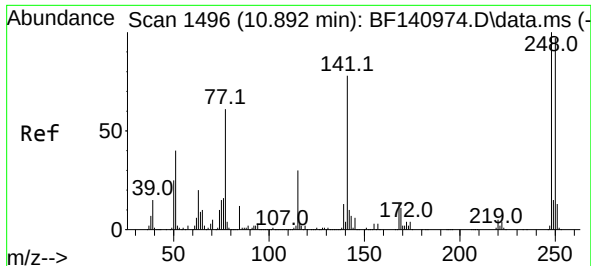
Tgt Ion:198 Resp: 48601  
Ion Ratio Lower Upper  
198 100  
51 58.7 32.3 72.3  
105 82.8 28.4 68.4#



#66  
n-Nitrosodiphenylamine  
Concen: 43.508 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:169 Resp: 846577  
Ion Ratio Lower Upper  
169 100  
168 65.9 52.6 79.0  
167 35.5 29.0 43.4

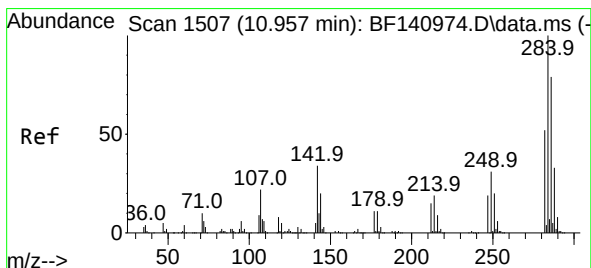
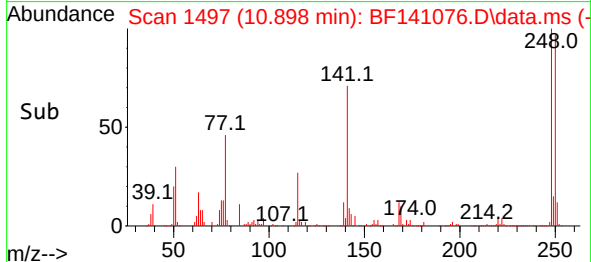
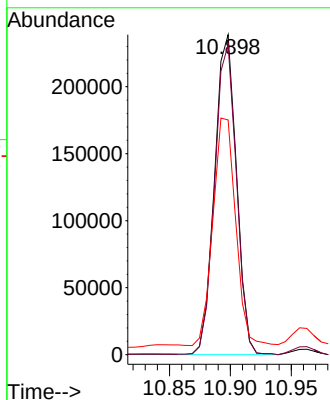
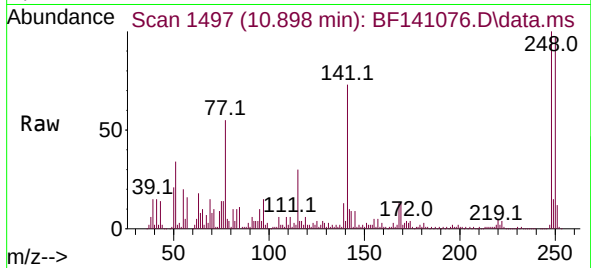




#67  
4-Bromophenyl-phenylether  
Concen: 44.787 ng  
RT: 10.898 min Scan# 1497  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

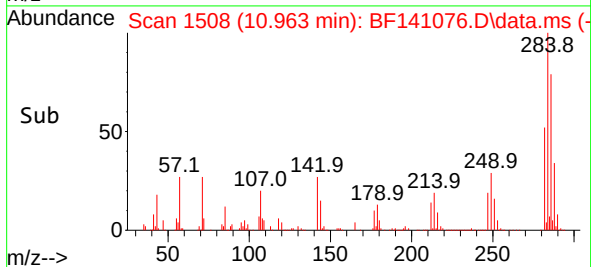
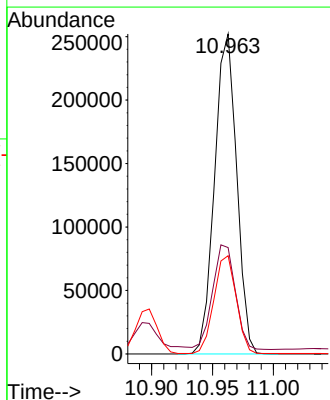
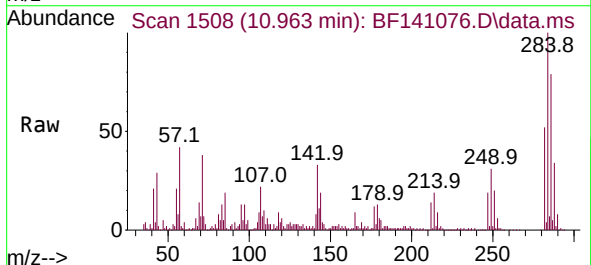
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

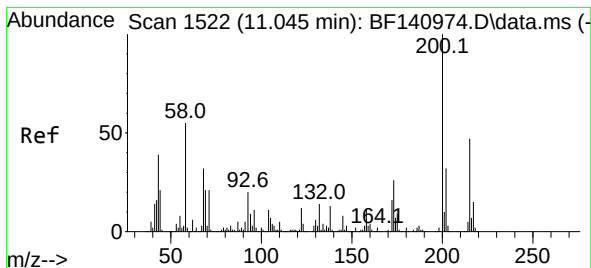
Tgt Ion:248 Resp: 299161  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.7 116.5  
141 73.3 62.1 93.1



#68  
Hexachlorobenzene  
Concen: 43.180 ng  
RT: 10.963 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:284 Resp: 318040  
Ion Ratio Lower Upper  
284 100  
142 33.3 27.1 40.7  
249 30.7 25.1 37.7





#69

Atrazine

Concen: 53.758 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

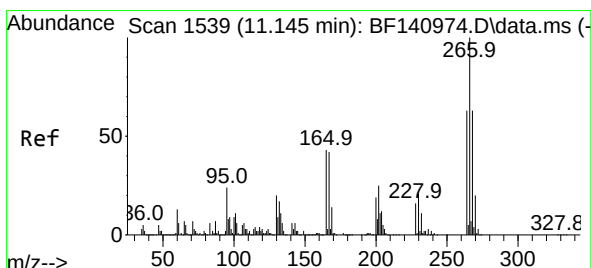
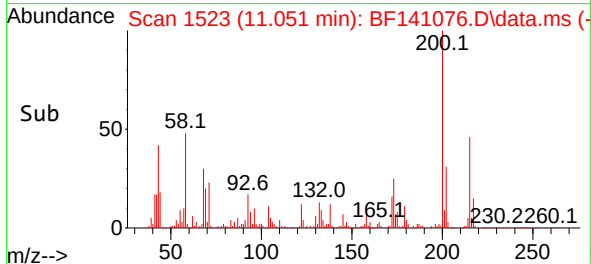
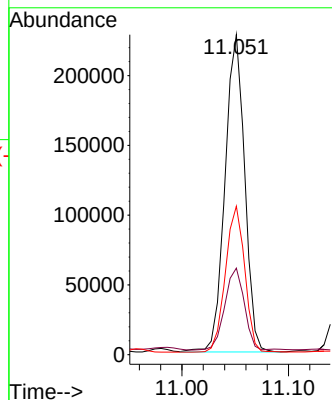
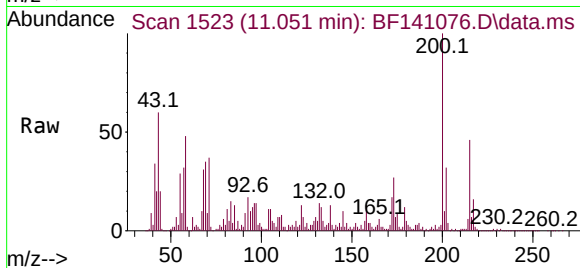
Tgt Ion:200 Resp: 292221

Ion Ratio Lower Upper

200 100

173 27.0 6.4 46.4

215 46.4 27.2 67.2



#70

Pentachlorophenol

Concen: 92.721 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

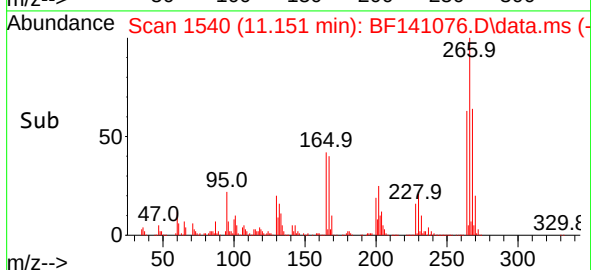
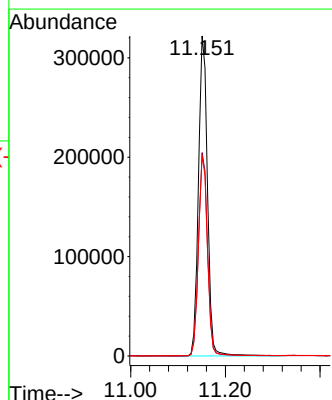
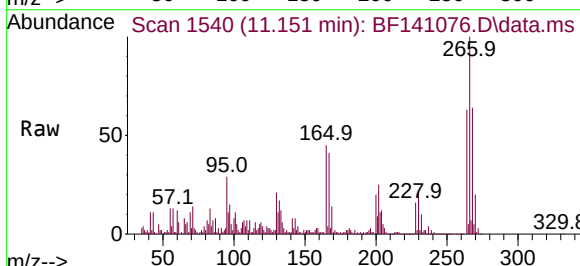
Tgt Ion:266 Resp: 425198

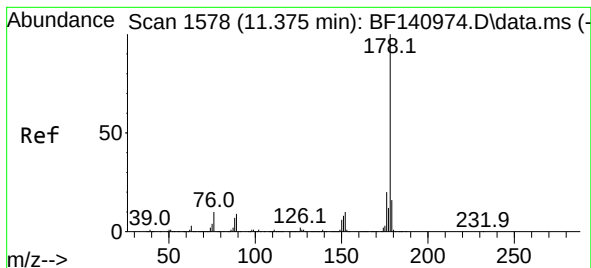
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

264 62.7 50.2 75.4





#71

Phenanthrene

Concen: 55.232 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

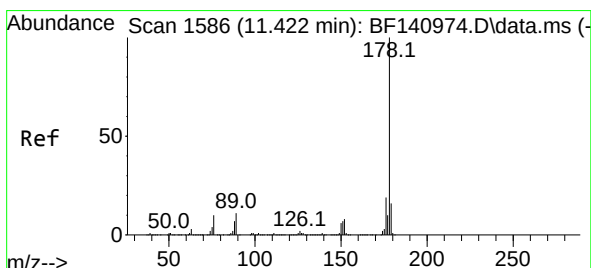
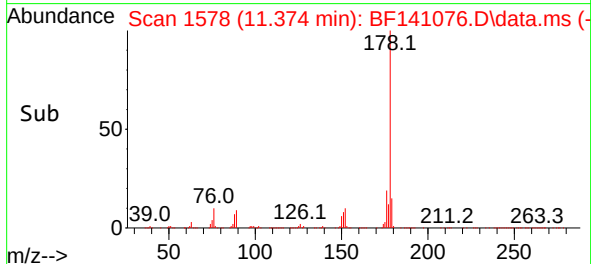
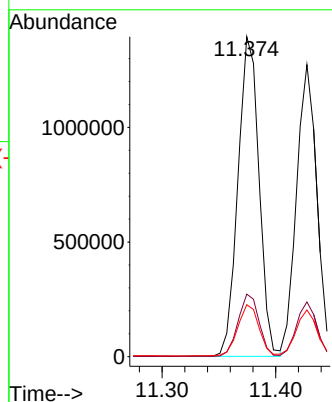
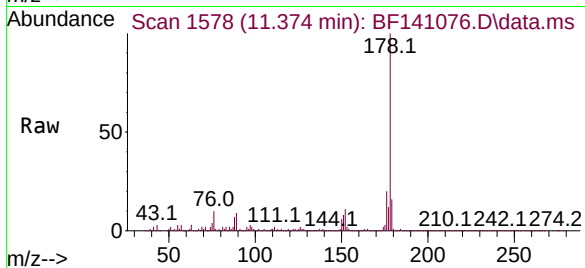
Tgt Ion:178 Resp: 1796193

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 16.2 12.6 19.0



#72

Anthracene

Concen: 49.150 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

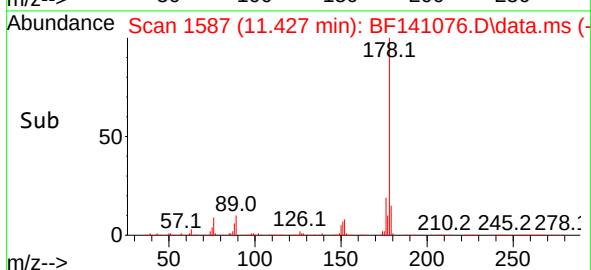
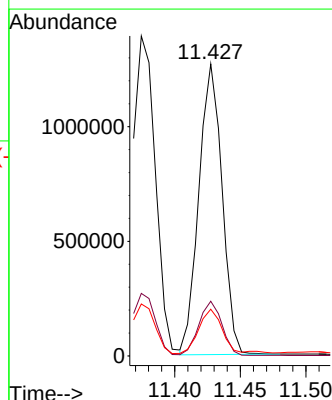
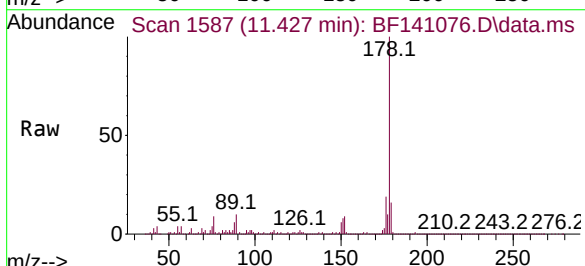
Tgt Ion:178 Resp: 1566252

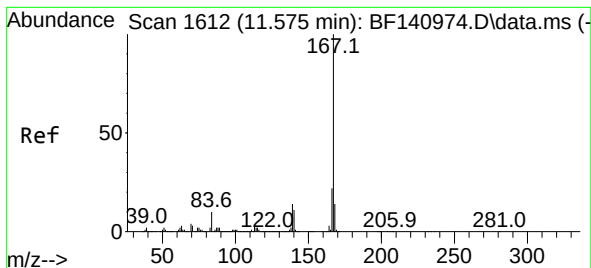
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 16.0 12.9 19.3





#73

Carbazole

Concen: 43.699 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

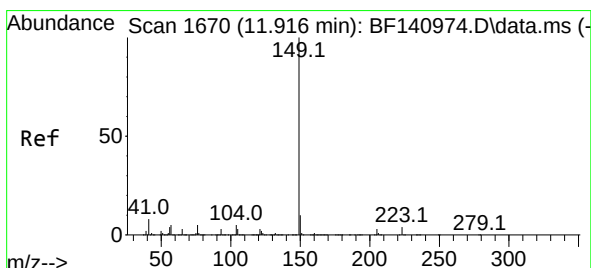
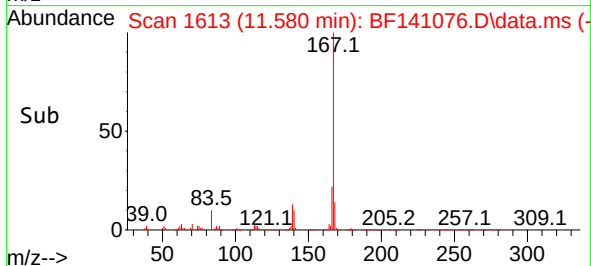
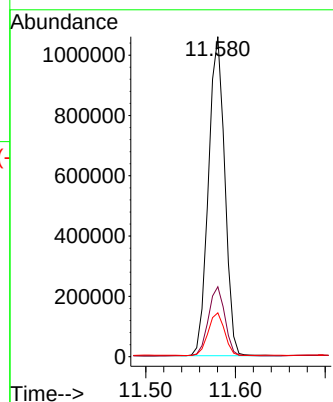
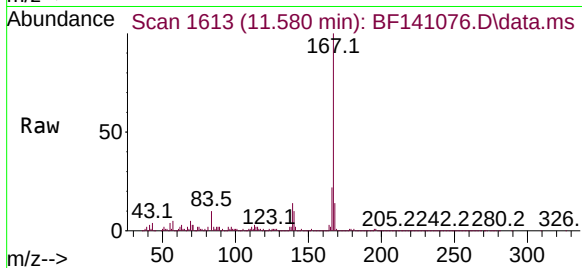
Tgt Ion:167 Resp: 1338663

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 13.7 11.0 16.4



#74

Di-n-butylphthalate

Concen: 44.759 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

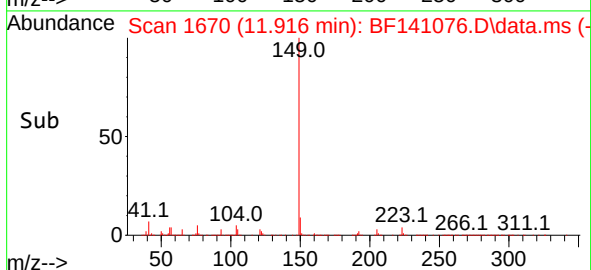
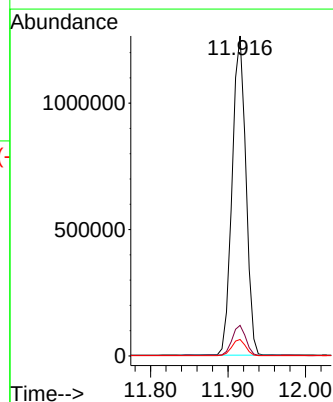
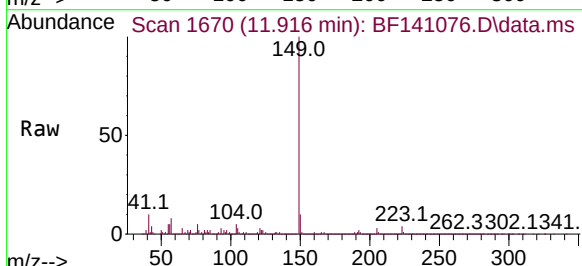
Tgt Ion:149 Resp: 1559560

Ion Ratio Lower Upper

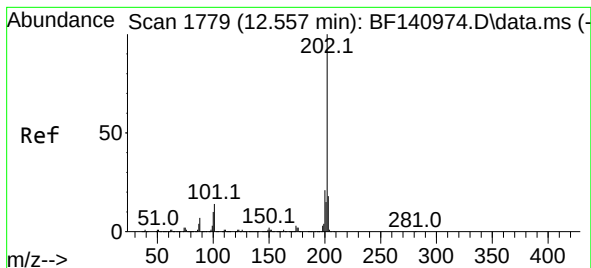
149 100

150 9.5 7.7 11.5

104 5.2 4.1 6.1







#75

Fluoranthene

Concen: 52.130 ng

RT: 12.563 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

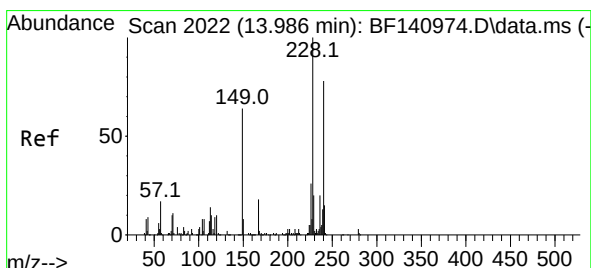
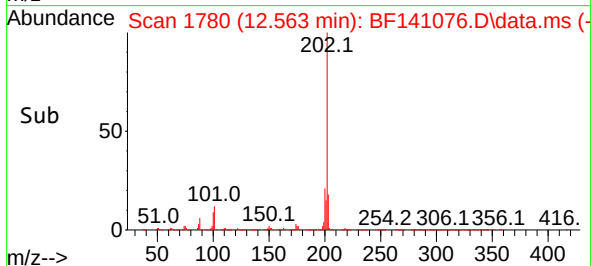
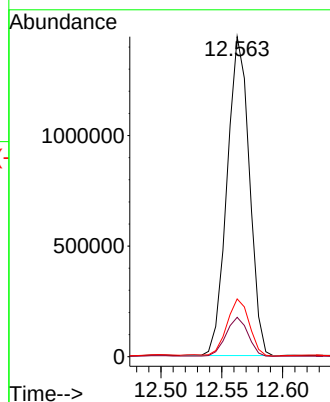
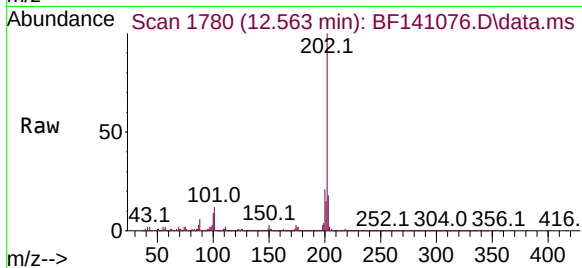
Tgt Ion:202 Resp: 1838685

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.7

203 18.1 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

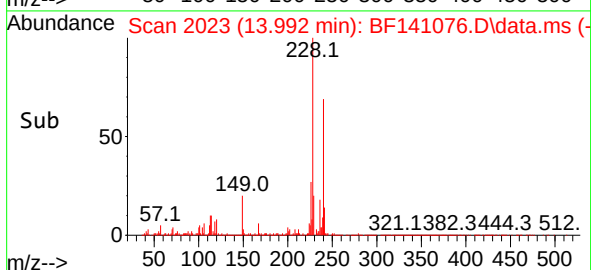
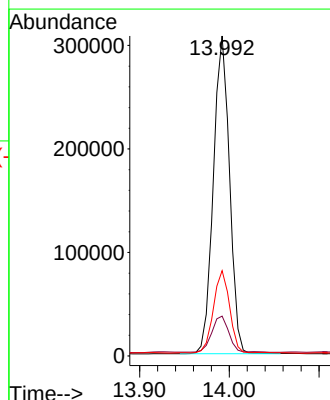
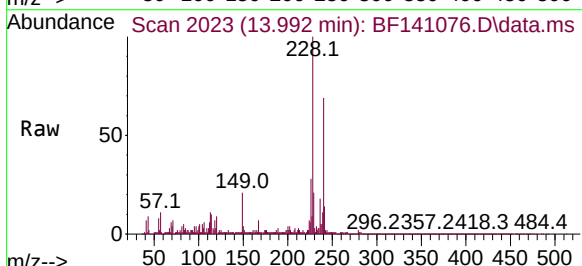
Tgt Ion:240 Resp: 384786

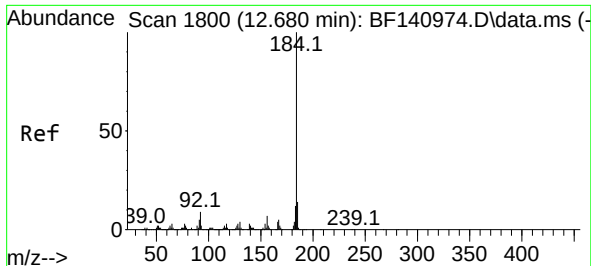
Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

236 26.6 20.6 31.0

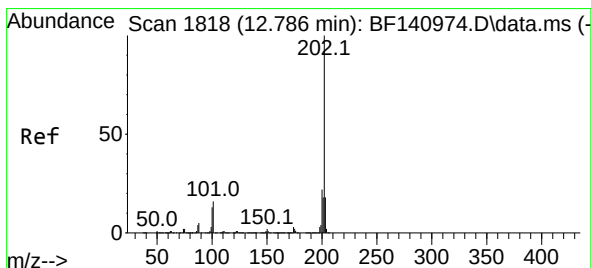
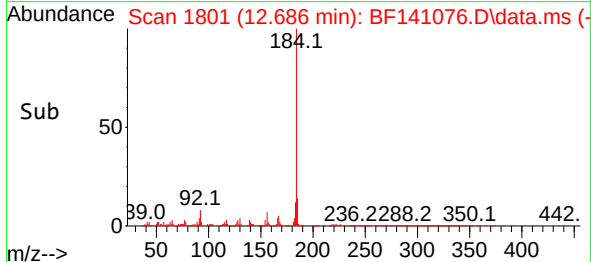
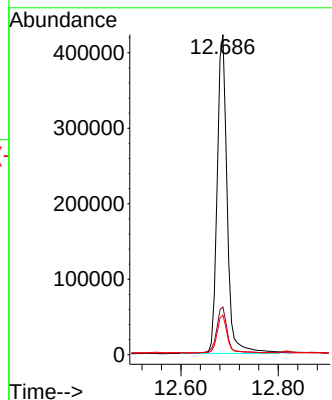
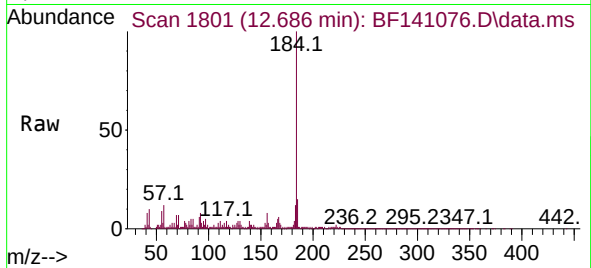




#77  
Benzidine  
Concen: 73.149 ng  
RT: 12.686 min Scan# 1801  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

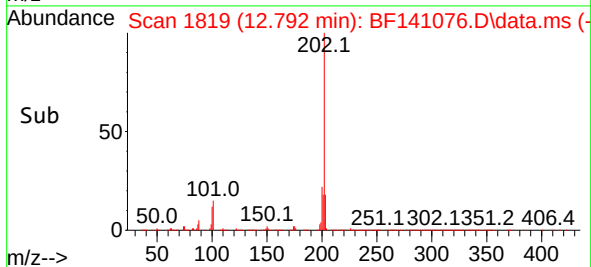
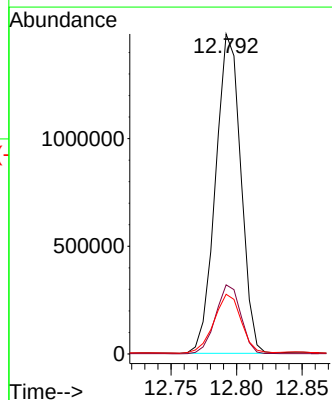
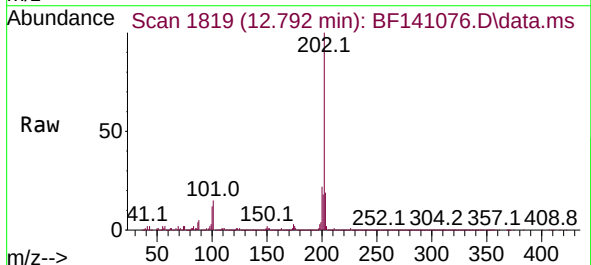
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

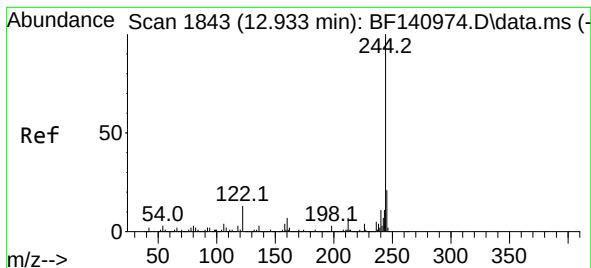
Tgt Ion:184 Resp: 594853  
Ion Ratio Lower Upper  
184 100  
185 14.9 11.4 17.2  
183 12.4 9.4 14.0



#78  
Pyrene  
Concen: 58.973 ng  
RT: 12.792 min Scan# 1819  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:202 Resp: 1984588  
Ion Ratio Lower Upper  
202 100  
200 21.6 17.3 25.9  
203 18.7 14.6 21.8





#79

Terphenyl-d14

Concen: 67.339 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

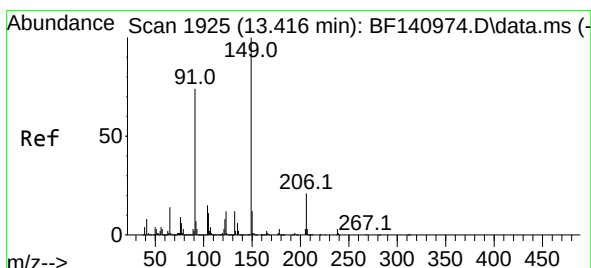
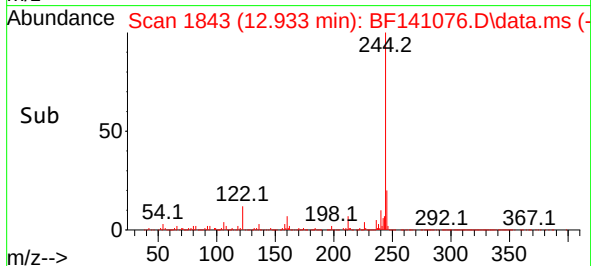
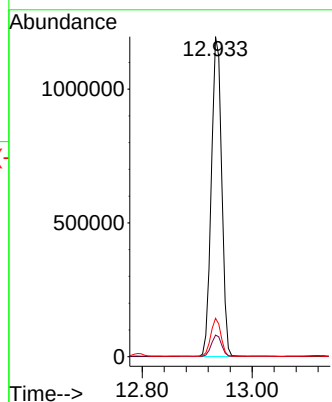
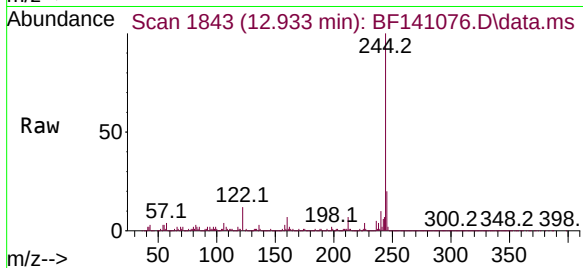
Tgt Ion:244 Resp: 1559967

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 12.0 10.2 15.2



#80

Butylbenzylphthalate

Concen: 52.000 ng

RT: 13.416 min Scan# 1925

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

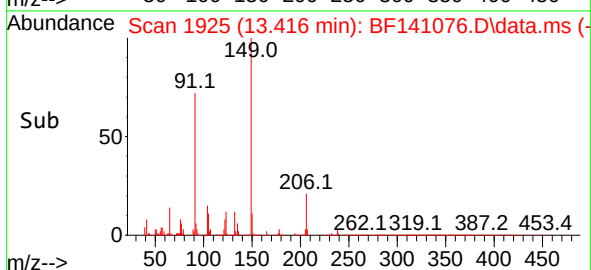
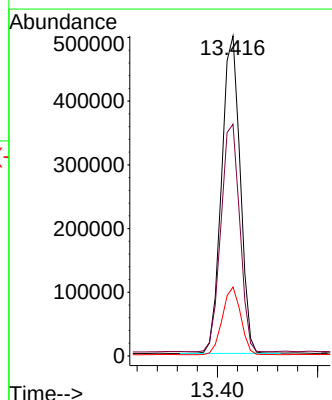
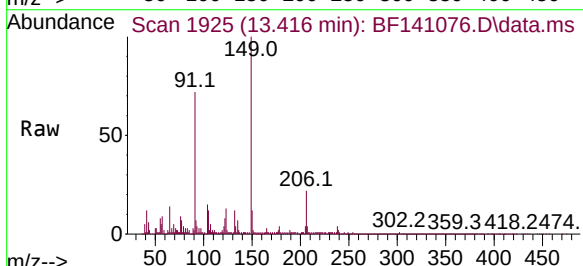
Tgt Ion:149 Resp: 638992

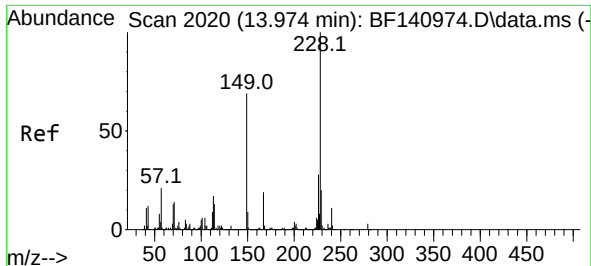
Ion Ratio Lower Upper

149 100

91 72.4 59.5 89.3

206 21.5 17.1 25.7

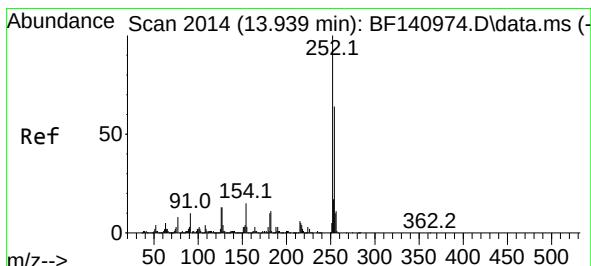
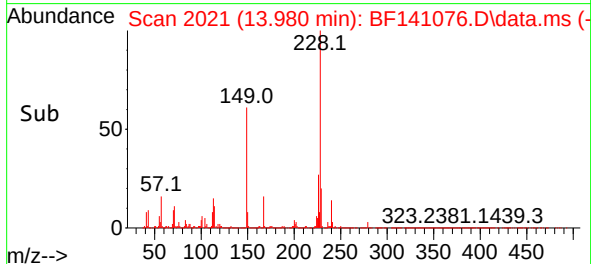
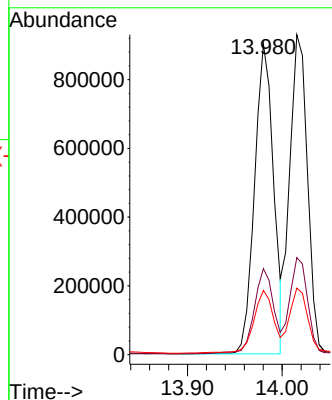
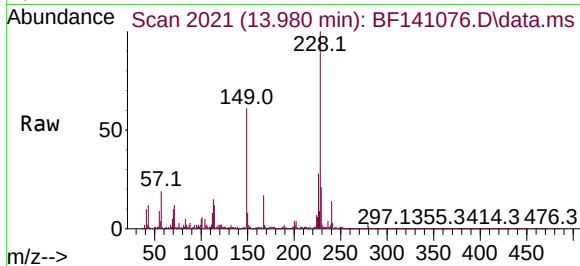




#81  
Benzo(a)anthracene  
Concen: 46.964 ng  
RT: 13.980 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

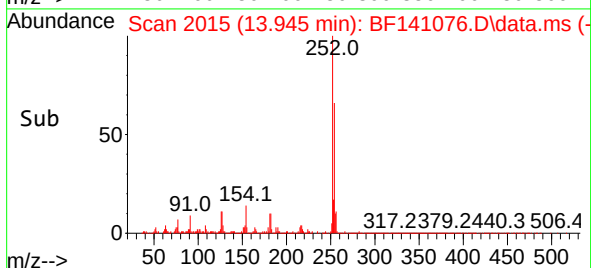
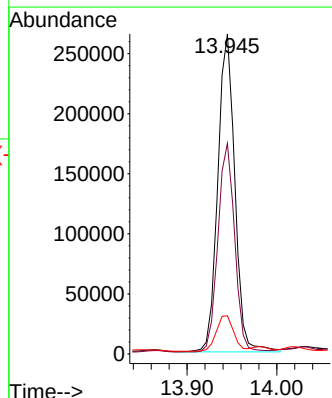
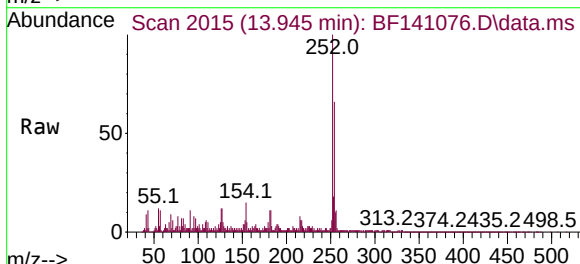
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

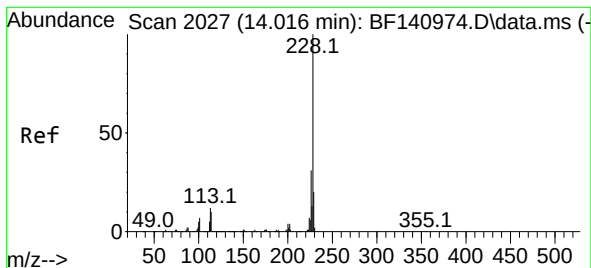
Tgt Ion:228 Resp: 1259452  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.1 33.1  
229 20.7 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 43.329 ng  
RT: 13.945 min Scan# 2015  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:252 Resp: 349112  
Ion Ratio Lower Upper  
252 100  
254 65.8 51.5 77.3  
126 12.0 10.3 15.5





#83

Chrysene

Concen: 49.417 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

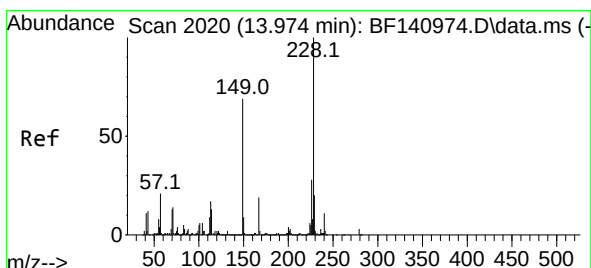
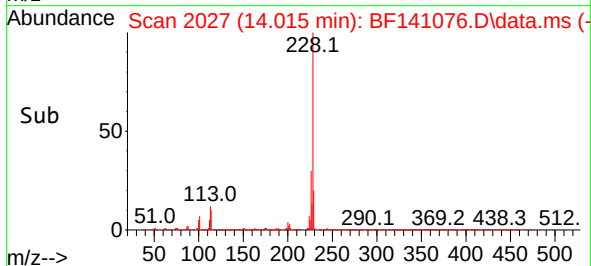
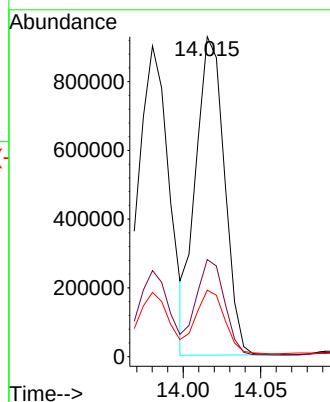
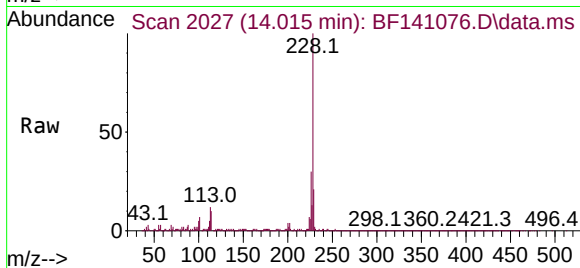
Tgt Ion:228 Resp: 1194664

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 20.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.962 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

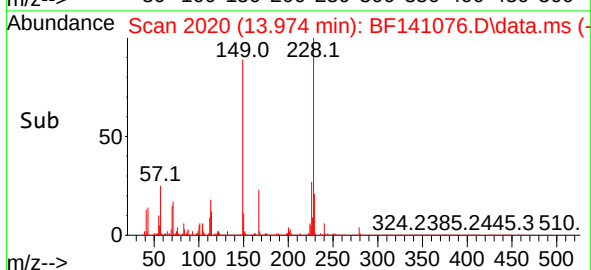
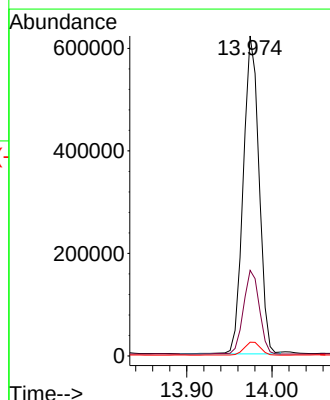
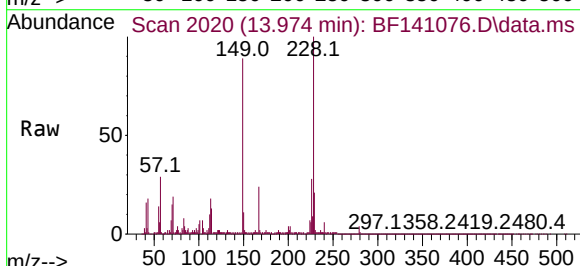
Tgt Ion:149 Resp: 796385

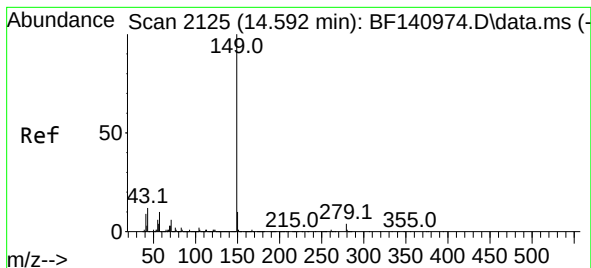
Ion Ratio Lower Upper

149 100

167 26.7 21.6 32.4

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.377 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

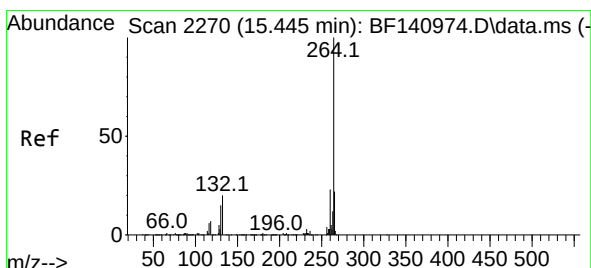
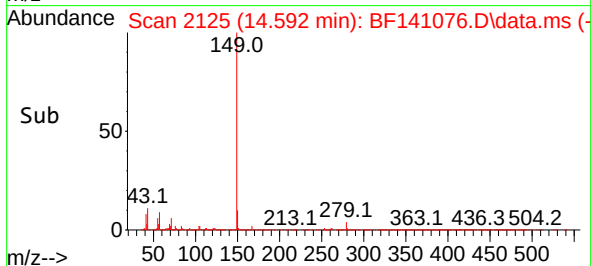
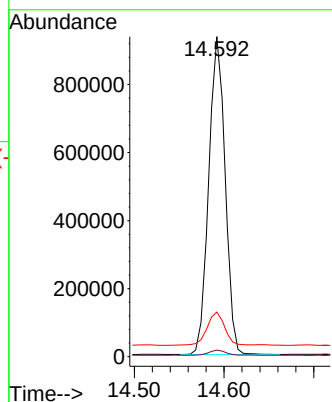
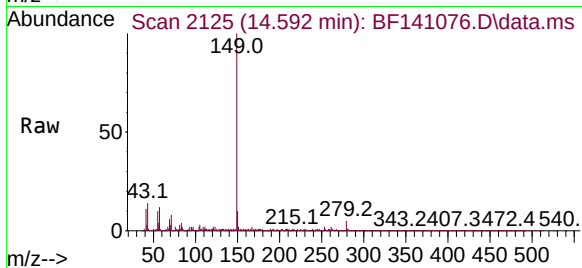
Tgt Ion:149 Resp: 1185272

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 11.3 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

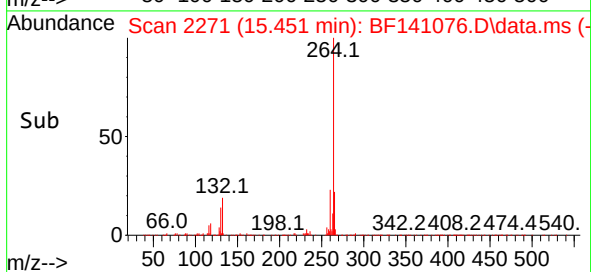
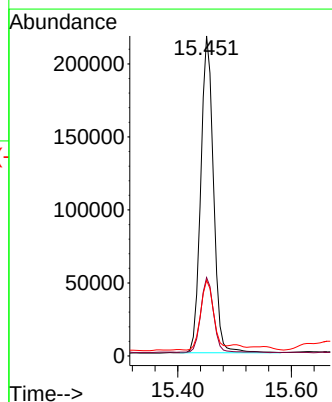
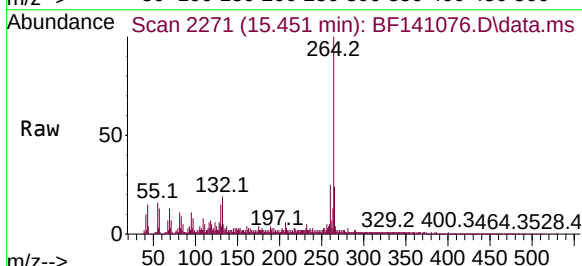
Tgt Ion:264 Resp: 337152

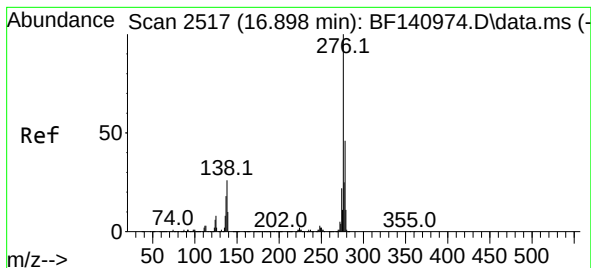
Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 23.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.650 ng

RT: 16.915 min Scan# 2199

Delta R.T. 0.018 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

Instrument :

BNA\_F

ClientSampleId :

SU-03-1-03-2025MSD

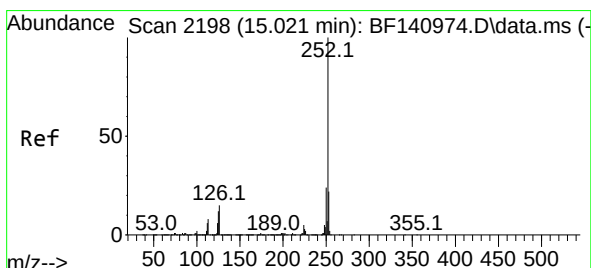
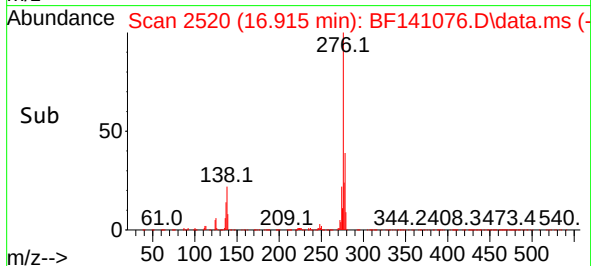
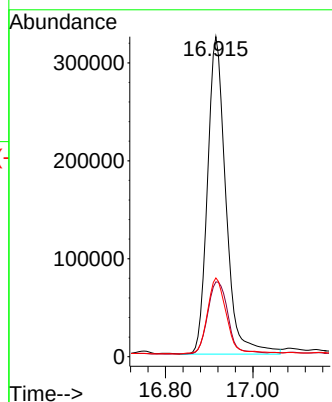
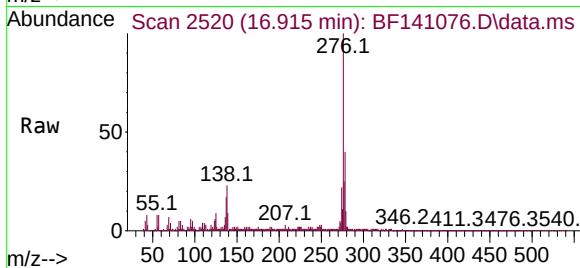
Tgt Ion:276 Resp: 948431

Ion Ratio Lower Upper

276 100

138 24.9 23.1 34.7

277 24.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 48.054 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141076.D

Acq: 06 Jan 2025 15:19

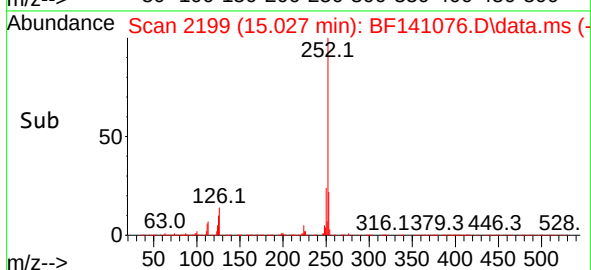
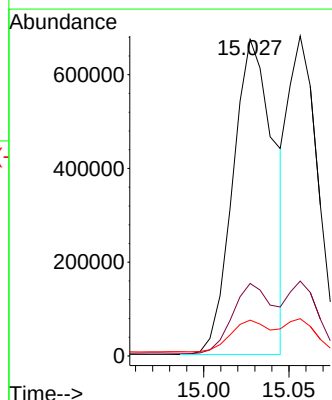
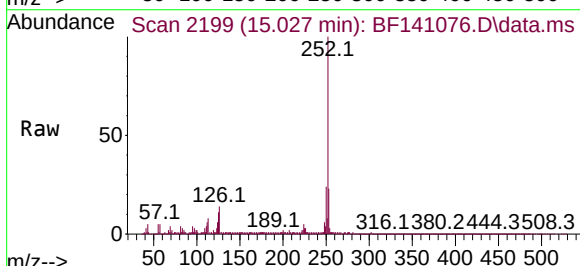
Tgt Ion:252 Resp: 1129962

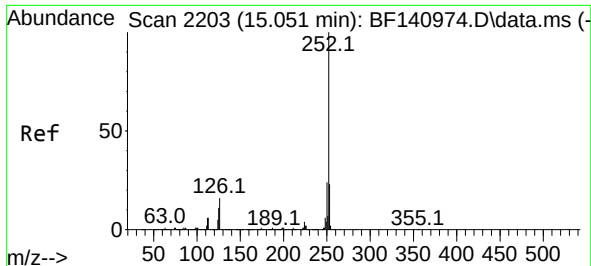
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 11.3 9.3 13.9

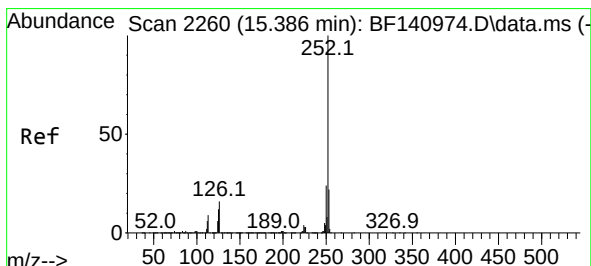
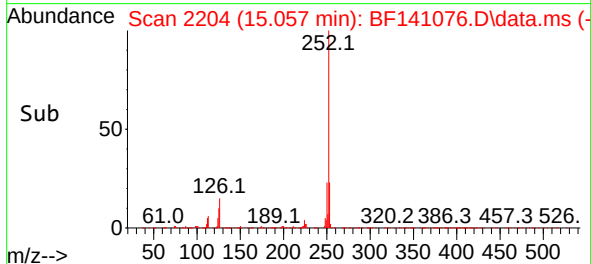
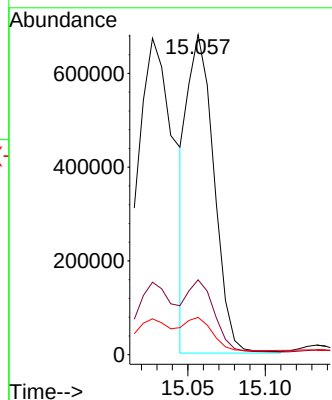
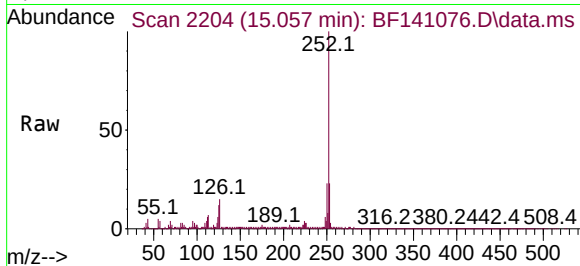




#89  
Benzo(k)fluoranthene  
Concen: 44.193 ng  
RT: 15.057 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

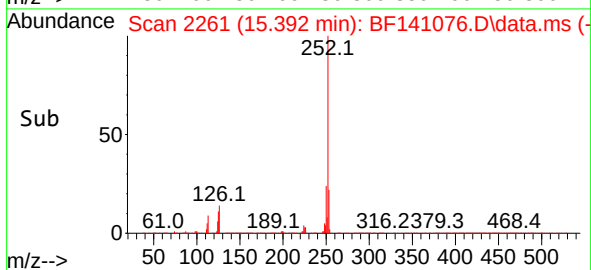
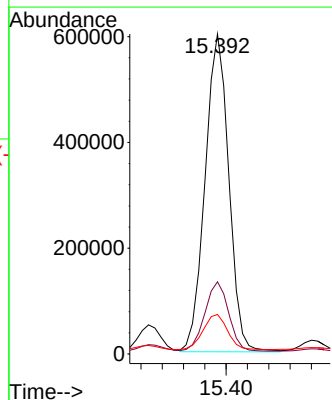
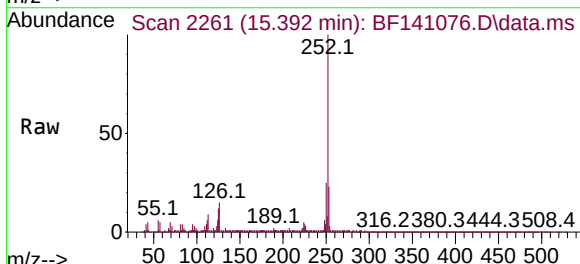
Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

Tgt Ion:252 Resp: 814473  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.8 26.8  
125 11.7 9.4 14.0

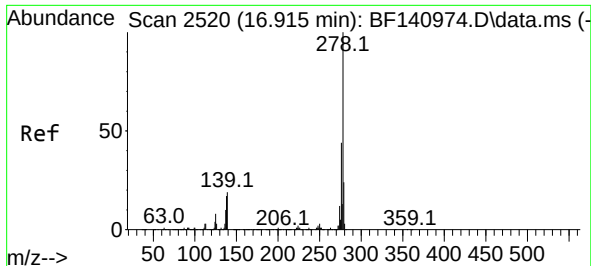


#90  
Benzo(a)pyrene  
Concen: 50.983 ng  
RT: 15.392 min Scan# 2261  
Delta R.T. 0.006 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:252 Resp: 930501  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.2 25.8  
125 12.3 9.8 14.8



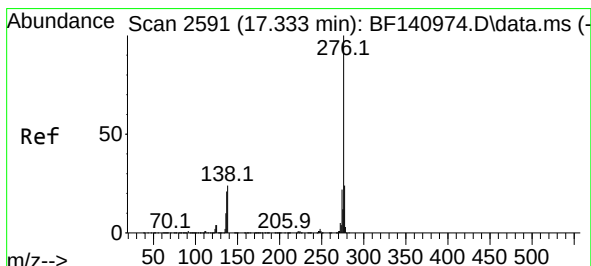
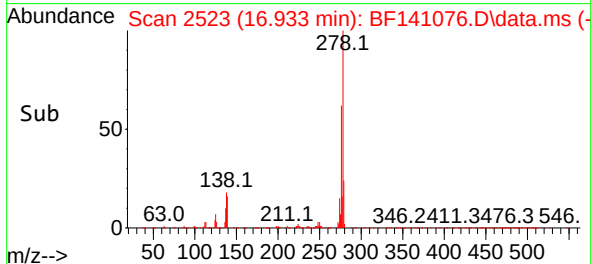
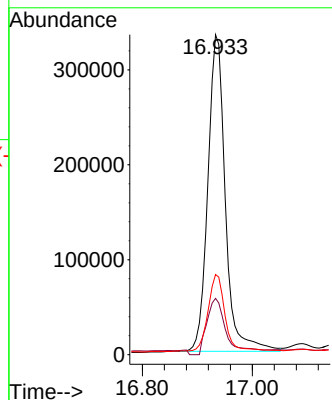
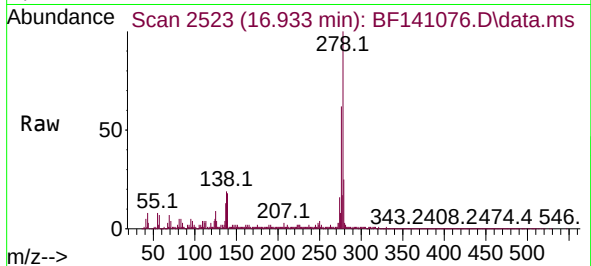




#91  
Dibenzo(a,h)anthracene  
Concen: 42.827 ng  
RT: 16.933 min Scan# 2523  
Delta R.T. 0.018 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Instrument :  
BNA\_F  
ClientSampleId :  
SU-03-1-03-2025MSD

Tgt Ion:278 Resp: 737408  
Ion Ratio Lower Upper  
278 100  
139 17.6 14.9 22.3  
279 25.1 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 38.592 ng  
RT: 17.351 min Scan# 2594  
Delta R.T. 0.018 min  
Lab File: BF141076.D  
Acq: 06 Jan 2025 15:19

Tgt Ion:276 Resp: 689209  
Ion Ratio Lower Upper  
276 100  
277 24.5 19.0 28.4  
138 22.6 19.4 29.2

