

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010825\  
 Data File : BF141094.D  
 Acq On : 08 Jan 2025 19:49  
 Operator : RC/JU  
 Sample : Q1025-01MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GREENBROOK-COMPMSD

Quant Time: Jan 09 00:04:20 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  | 186378   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 714309   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 357342   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 519785   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.992 | 240  | 392943   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 319792   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 1116212  | 90.276  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.451  | 99   | 1433823  | 90.019  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 881350   | 78.939  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 362647   | 104.440 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 1462356  | 65.200  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 1318270  | 55.724  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 256795   | 45.875  | ng    | 97       |
| 3) Pyridine                   | 3.375  | 79   | 656299   | 47.975  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.322  | 42   | 342208   | 49.371  | ng    | 99       |
| 6) Aniline                    | 6.487  | 93   | 300648   | 21.164  | ng    | # 89     |
| 8) 2-Chlorophenol             | 6.610  | 128  | 693724   | 53.216  | ng    | 96       |
| 9) Benzaldehyde               | 6.375  | 77   | 104571   | 6.498   | ng    | 95       |
| 10) Phenol                    | 6.469  | 94   | 848408   | 51.513  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 642258   | 48.296  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.769  | 146  | 712927   | 49.555  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 709784   | 48.941  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 688951   | 50.950  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 586582   | 51.248  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104  | 45   | 939566   | 46.719  | ng    | 98       |
| 17) 2-Methylphenol            | 7.081  | 107  | 548776   | 50.672  | ng    | 98       |
| 18) Hexachloroethane          | 7.339  | 117  | 259741   | 50.416  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.239  | 70   | 462485   | 47.395  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.234  | 107  | 665356   | 48.549  | ng    | # 79     |
| 22) Acetophenone              | 7.239  | 105  | 866479   | 49.448  | ng    | 99       |
| 24) Nitrobenzene              | 7.410  | 77   | 705224   | 56.528  | ng    | 96       |
| 25) Isophorone                | 7.651  | 82   | 1250007  | 51.450  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.728  | 139  | 349570   | 66.123  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.763  | 122  | 544400   | 61.312  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.863  | 93   | 765366   | 49.721  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 540892   | 53.711  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 565167   | 49.584  | ng    | 99       |
| 31) Naphthalene               | 8.134  | 128  | 1894598  | 50.335  | ng    | 99       |
| 32) Benzoic acid              | 7.875  | 122  | 432418   | 57.386  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 113109   | 8.307   | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 344953   | 51.336  | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 184172   | 53.796  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 580375   | 51.895  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 1218952  | 50.622  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 1138407  | 48.105  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 555346   | 56.490  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 448380   | 137.630 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 377177   | 57.646  | ng    | 99       |

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 ALS Vial : 17 Sample Multiplier: 1

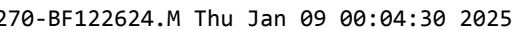
Instrument :  
 BNA\_F  
 ClientSampleId :  
 GREENBROOK-COMPMSD

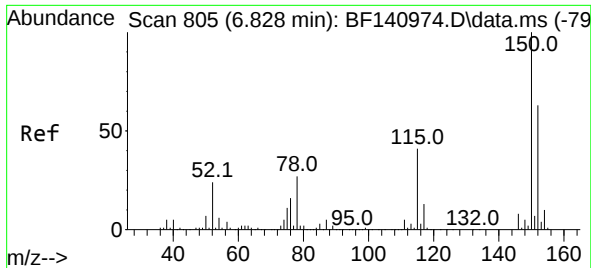
Quant Time: Jan 09 00:04:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 382124   | 57.078  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 1474782  | 53.900  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 1110390  | 52.326  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 350234   | 61.629  | ng    | 93       |
| 49) Acenaphthylene            | 9.728  | 152  | 1697267  | 55.560  | ng    | 99       |
| 50) Dimethylphthalate         | 9.586  | 163  | 1318773  | 56.106  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 287357   | 59.038  | ng    | 96       |
| 52) Acenaphthene              | 9.898  | 154  | 1161744  | 56.253  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.810  | 138  | 168518   | 33.393  | ng #  | 93       |
| 54) 2,4-Dinitrophenol         | 9.916  | 184  | 191645   | 93.268  | ng #  | 1        |
| 55) Dibenzofuran              | 10.069 | 168  | 1507614  | 51.945  | ng    | 100      |
| 56) 4-Nitrophenol             | 9.969  | 139  | 441753   | 109.871 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 376290   | 62.637  | ng    | 96       |
| 58) Fluorene                  | 10.410 | 166  | 1117795  | 49.666  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 308438   | 55.629  | ng    | 96       |
| 60) Diethylphthalate          | 10.286 | 149  | 1235879  | 53.260  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 561892   | 51.886  | ng    | 97       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 240309   | 46.273  | ng    | 93       |
| 63) Azobenzene                | 10.563 | 77   | 1289052  | 52.925  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198  | 137144   | 62.637  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 1016227  | 62.086  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 346418   | 61.652  | ng    | 99       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 364035   | 58.755  | ng    | 99       |
| 69) Atrazine                  | 11.051 | 200  | 322370   | 70.499  | ng    | 100      |
| 70) Pentachlorophenol         | 11.151 | 266  | 438032   | 113.552 | ng    | 99       |
| 71) Phenanthrene              | 11.375 | 178  | 1566872  | 57.275  | ng    | 100      |
| 72) Anthracene                | 11.422 | 178  | 1573252  | 58.690  | ng    | 99       |
| 73) Carbazole                 | 11.580 | 167  | 1346259  | 52.243  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 1677006  | 57.216  | ng    | 100      |
| 75) Fluoranthene              | 12.563 | 202  | 1644938  | 55.441  | ng    | 98       |
| 77) Benzidine                 | 12.680 | 184  | 464726   | 55.961  | ng    | 100      |
| 78) Pyrene                    | 12.792 | 202  | 1719798  | 50.044  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 670872   | 53.461  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.980 | 228  | 1458320  | 53.251  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 315584   | 38.355  | ng    | 99       |
| 83) Chrysene                  | 14.016 | 228  | 1338370  | 54.213  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.974 | 149  | 869677   | 53.428  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.592 | 149  | 1479459  | 62.797  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.909 | 276  | 1049502  | 52.091  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.027 | 252  | 1276736  | 57.243  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.057 | 252  | 992672   | 56.787  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.392 | 252  | 1034004  | 59.729  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.933 | 278  | 840714   | 51.477  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.351 | 276  | 778148   | 45.938  | ng    | 97       |

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

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QLast Update : Fri Dec 27 00:31:16 2024  
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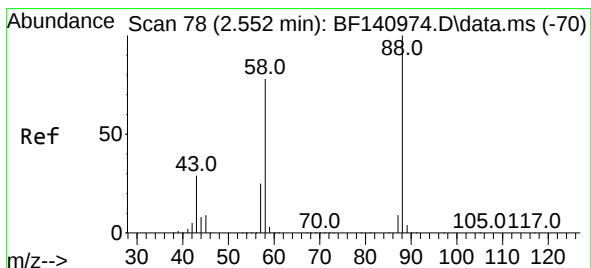
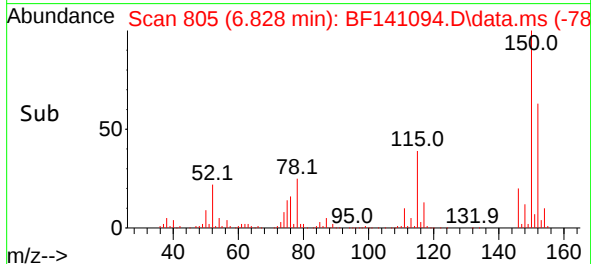
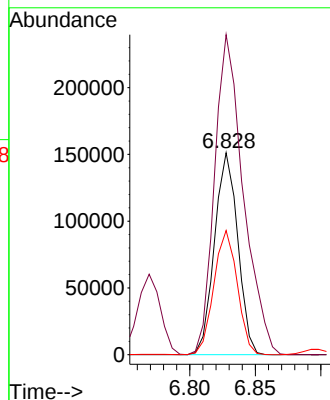
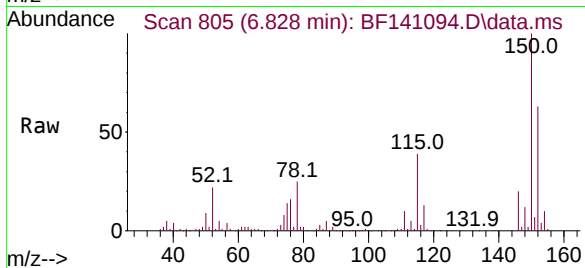




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.828 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF141094.D  
 Acq: 08 Jan 2025 19:49

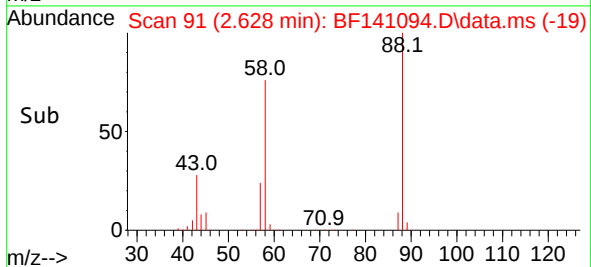
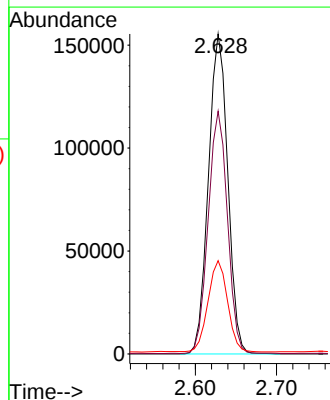
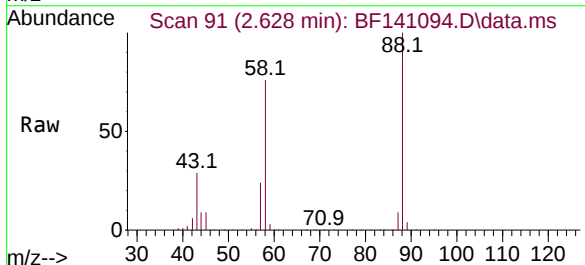
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 GREENBROOK-COMPMSD

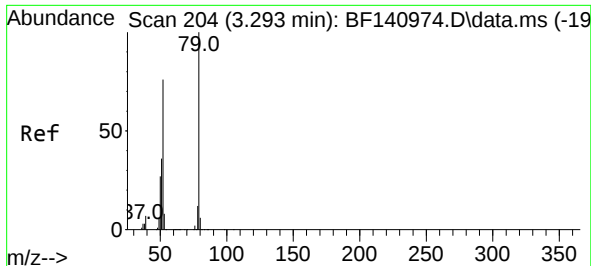
Tgt Ion:152 Resp: 186378  
 Ion Ratio Lower Upper  
 152 100  
 150 158.4 127.0 190.6  
 115 61.5 51.7 77.5



#2  
 1,4-Dioxane  
 Concen: 45.875 ng  
 RT: 2.628 min Scan# 91  
 Delta R.T. 0.076 min  
 Lab File: BF141094.D  
 Acq: 08 Jan 2025 19:49

Tgt Ion: 88 Resp: 256795  
 Ion Ratio Lower Upper  
 88 100  
 58 75.5 63.0 94.4  
 43 28.8 23.4 35.2

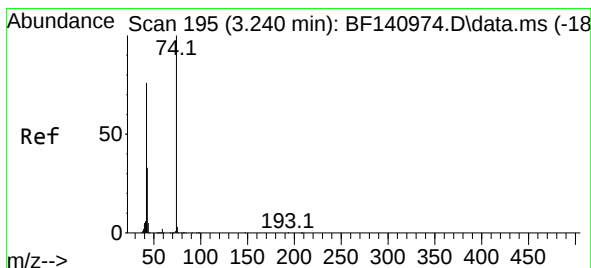
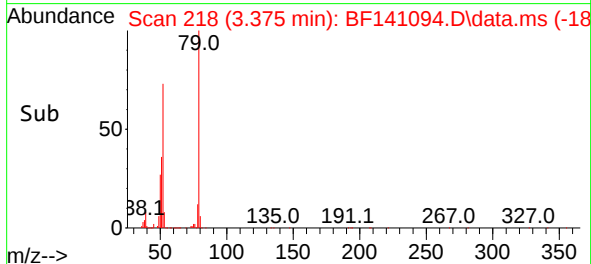
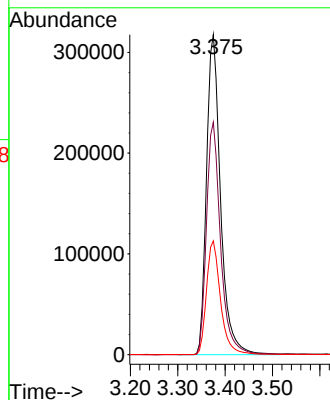
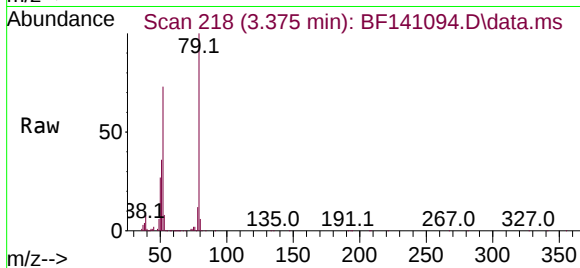




#3  
Pyridine  
Concen: 47.975 ng  
RT: 3.375 min Scan# 21  
Delta R.T. 0.082 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

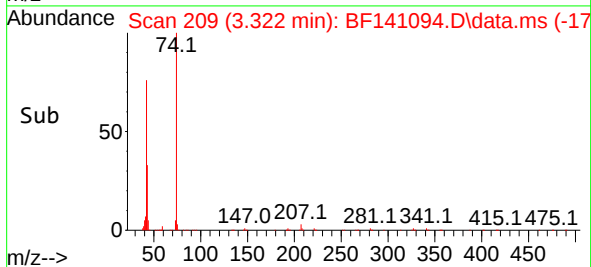
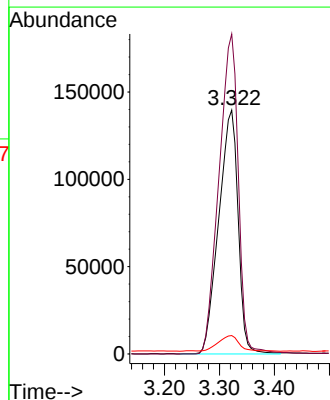
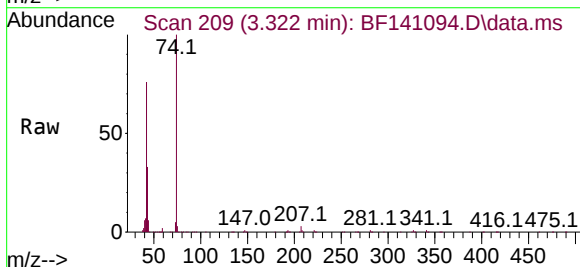
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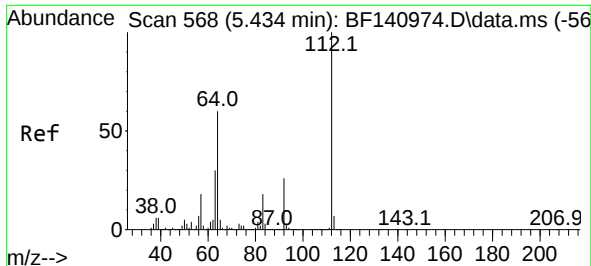
Tgt Ion: 79 Resp: 656299  
Ion Ratio Lower Upper  
79 100  
52 72.7 60.4 90.6  
51 35.5 28.8 43.2



#4  
n-Nitrosodimethylamine  
Concen: 49.371 ng  
RT: 3.322 min Scan# 209  
Delta R.T. 0.082 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion: 42 Resp: 342208  
Ion Ratio Lower Upper  
42 100  
74 131.2 105.8 158.6  
44 7.5 6.6 10.0

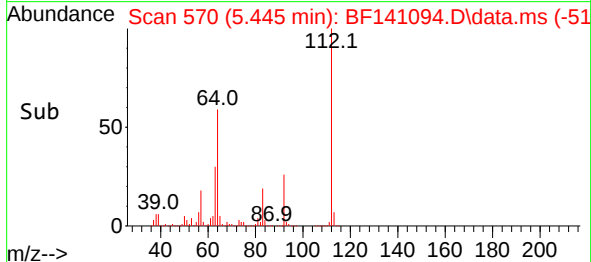
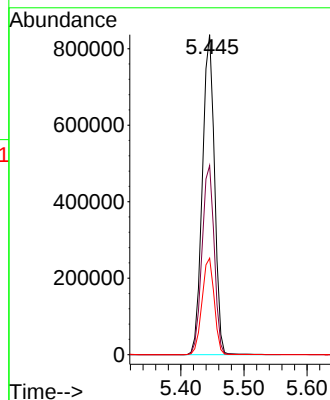
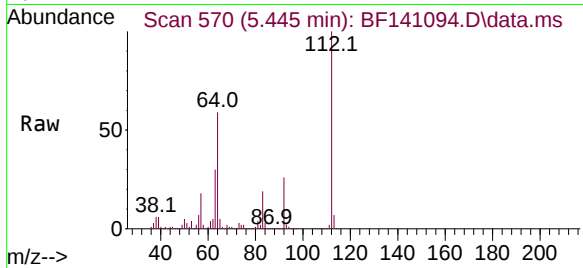




#5  
2-Fluorophenol  
Concen: 90.276 ng  
RT: 5.445 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

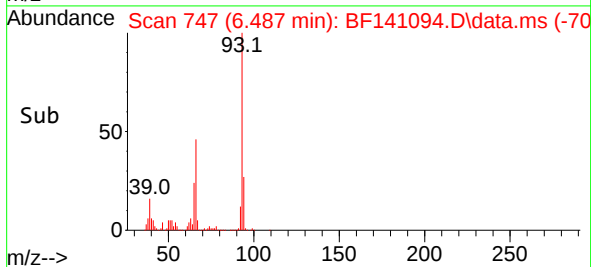
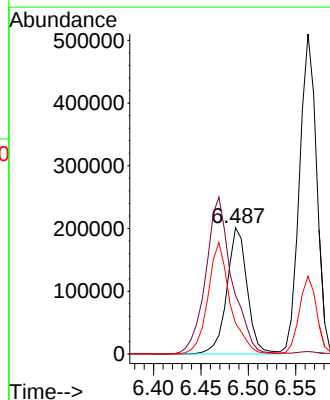
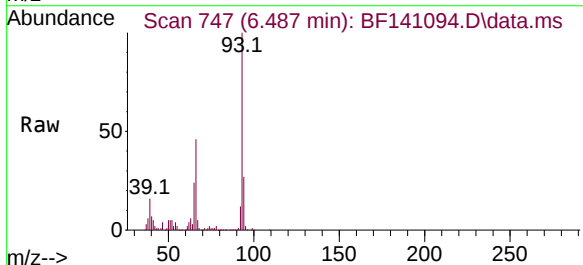
Instrument :  
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ClientSampleId :  
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Tgt Ion:112 Resp: 1116212  
Ion Ratio Lower Upper  
112 100  
64 59.1 47.7 71.5  
63 30.2 24.2 36.2



#6  
Aniline  
Concen: 21.164 ng  
RT: 6.487 min Scan# 747  
Delta R.T. -0.024 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion: 93 Resp: 300648  
Ion Ratio Lower Upper  
93 100  
66 46.4 31.8 47.8  
65 24.2 15.4 23.0#

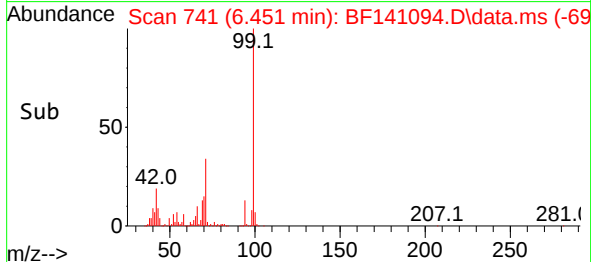
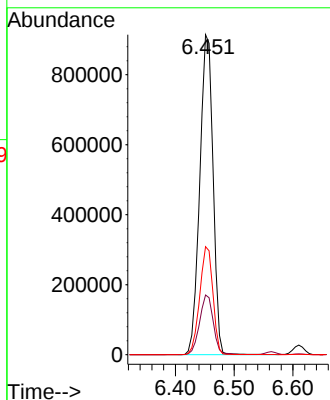
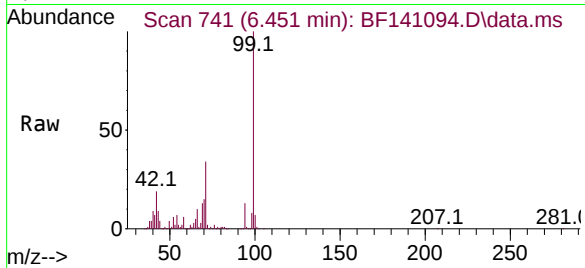




#7  
Phenol-d6  
Concen: 90.019 ng  
RT: 6.451 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

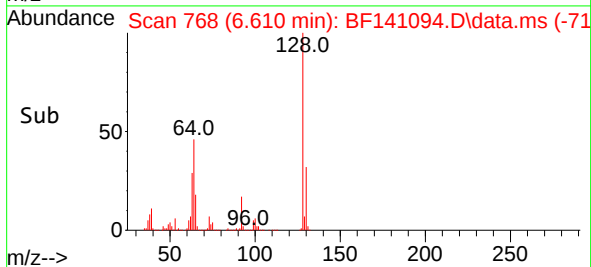
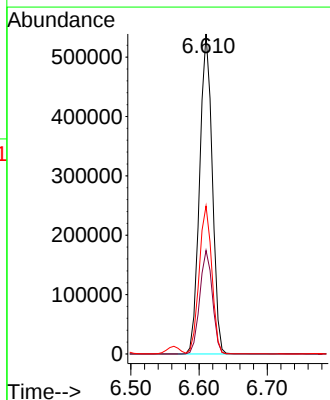
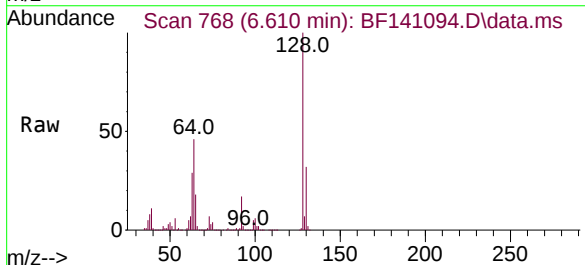
Instrument :  
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ClientSampleId :  
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Tgt Ion: 99 Resp: 1433823  
Ion Ratio Lower Upper  
99 100  
42 18.7 15.0 22.4  
71 33.8 26.2 39.2



#8  
2-Chlorophenol  
Concen: 53.216 ng  
RT: 6.610 min Scan# 768  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion: 128 Resp: 693724  
Ion Ratio Lower Upper  
128 100  
130 32.3 12.2 52.2  
64 46.2 30.3 70.3

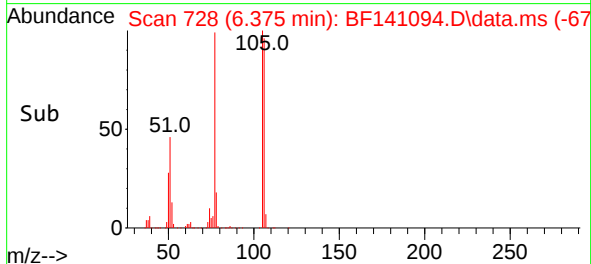
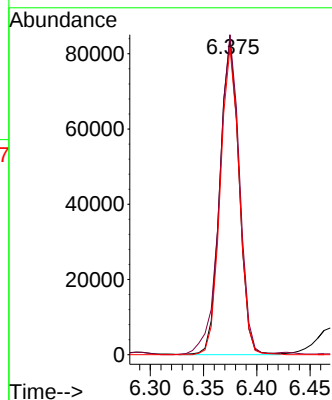
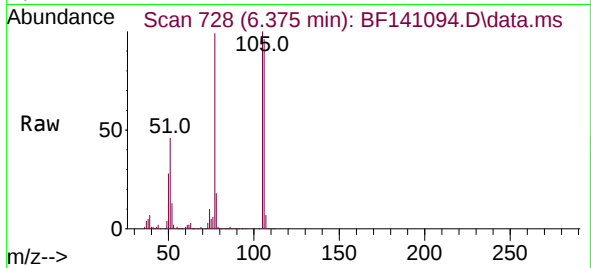




#9  
Benzaldehyde  
Concen: 6.498 ng  
RT: 6.375 min Scan# 710  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

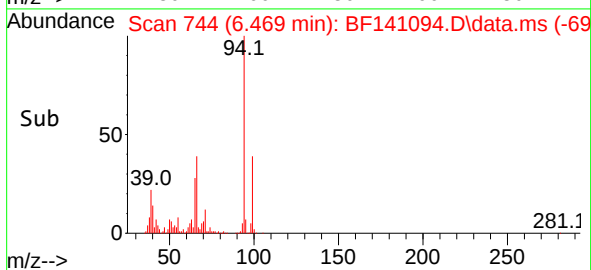
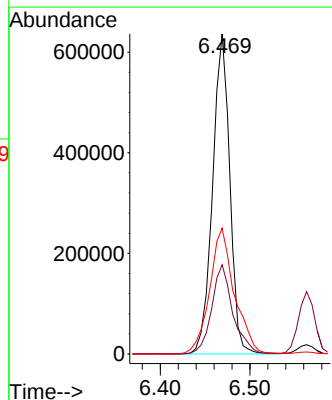
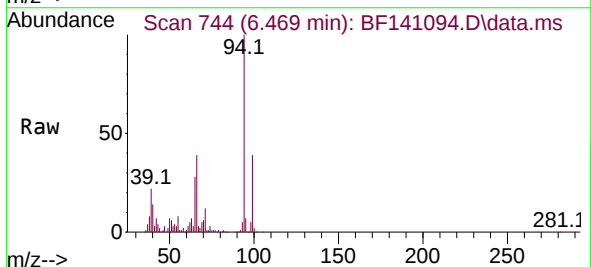
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

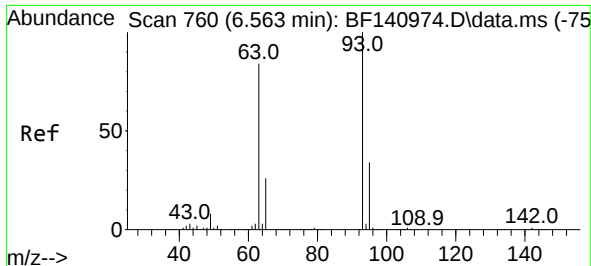
Tgt Ion: 77 Resp: 104571  
Ion Ratio Lower Upper  
77 100  
105 101.4 76.2 116.2  
106 97.4 73.4 113.4



#10  
Phenol  
Concen: 51.513 ng  
RT: 6.469 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion: 94 Resp: 848408  
Ion Ratio Lower Upper  
94 100  
65 27.9 8.1 48.1  
66 39.3 18.7 58.7

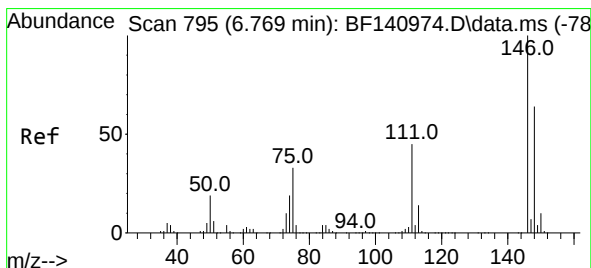
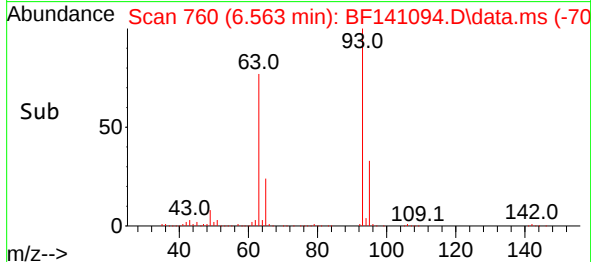
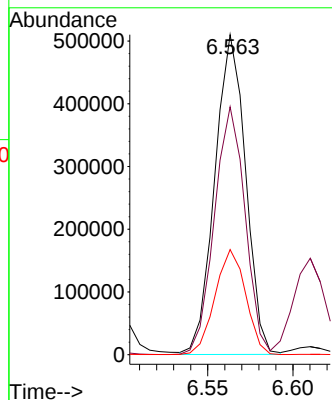
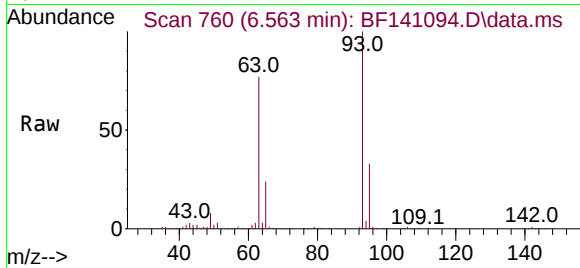




#11  
bis(2-Chloroethyl)ether  
Concen: 48.296 ng  
RT: 6.563 min Scan# 760  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

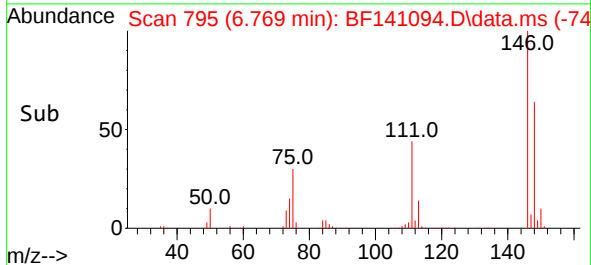
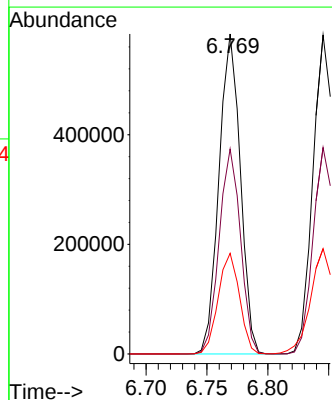
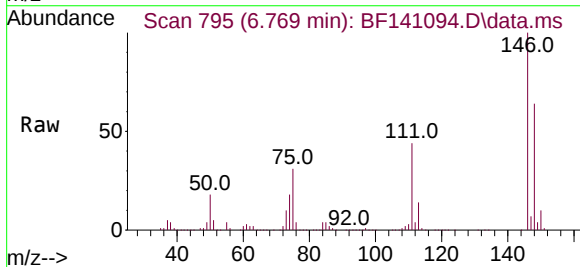
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

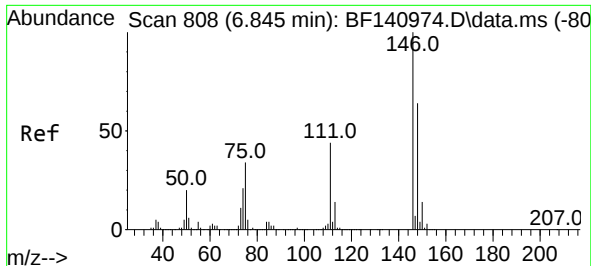
Tgt Ion: 93 Resp: 642258  
Ion Ratio Lower Upper  
93 100  
63 77.5 60.3 100.3  
95 32.8 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 49.555 ng  
RT: 6.769 min Scan# 795  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:146 Resp: 712927  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.0 76.4  
75 31.4 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 48.941 ng

RT: 6.845 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

Instrument :

BNA\_F

ClientSampleId :

GREENBROOK-COMPMSD

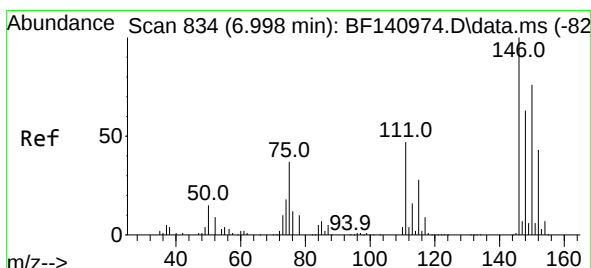
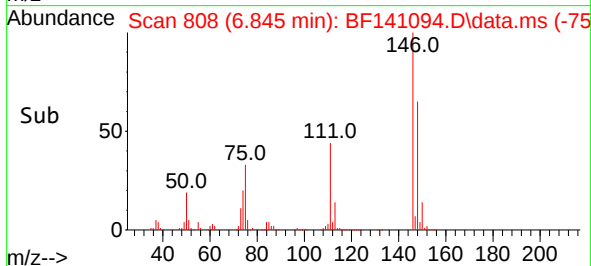
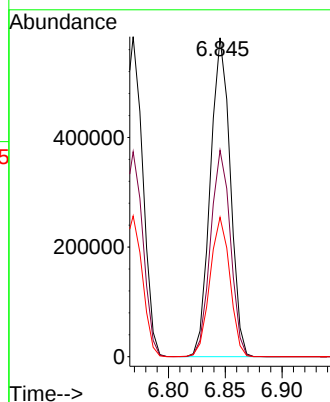
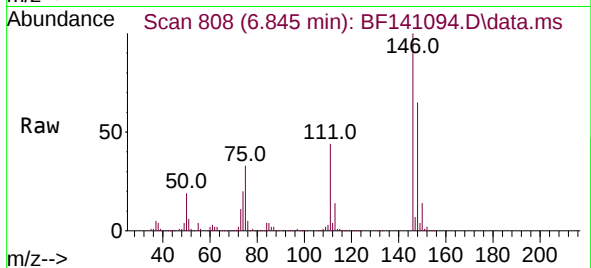
Tgt Ion:146 Resp: 709784

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

111 43.7 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 50.950 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

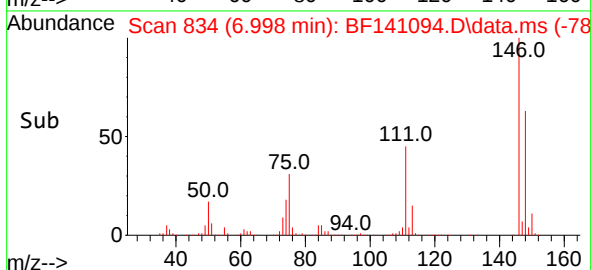
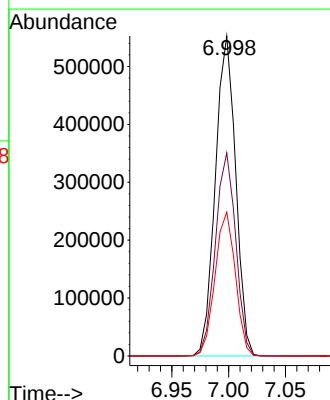
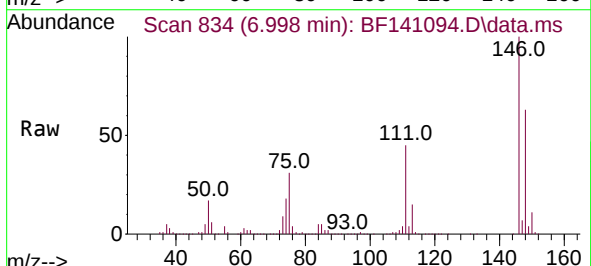
Tgt Ion:146 Resp: 688951

Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

111 45.0 37.3 55.9

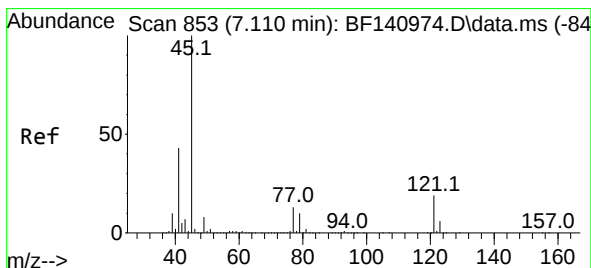
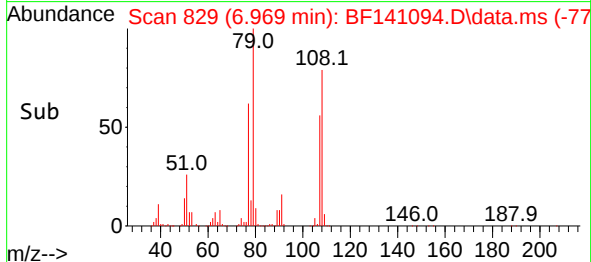
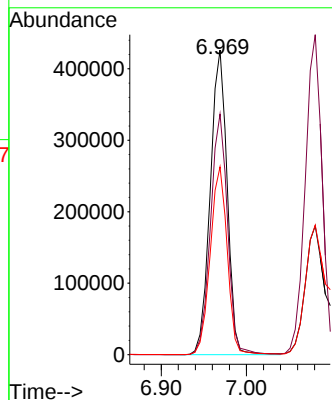
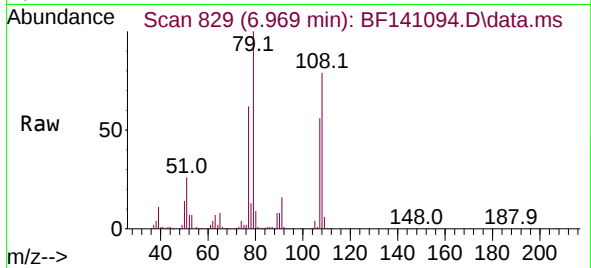




#15  
Benzyl Alcohol  
Concen: 51.248 ng  
RT: 6.969 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

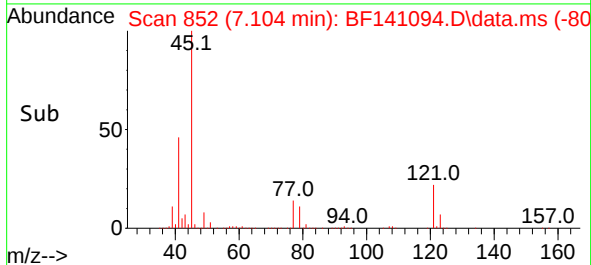
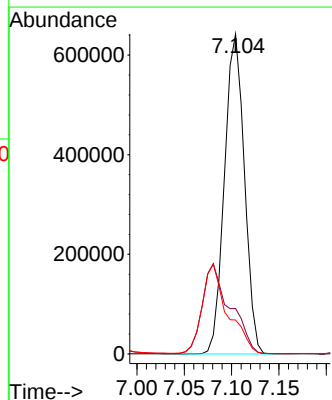
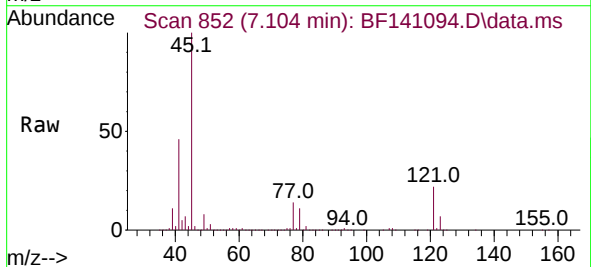
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

Tgt Ion: 79 Resp: 586582  
Ion Ratio Lower Upper  
79 100  
108 79.0 62.5 93.7  
77 61.7 49.3 73.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.719 ng  
RT: 7.104 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion: 45 Resp: 939566  
Ion Ratio Lower Upper  
45 100  
77 14.2 0.0 33.1  
79 10.6 0.0 30.1





#17

2-Methylphenol

Concen: 50.672 ng

RT: 7.081 min Scan# 847

Delta R.T. 0.006 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

Instrument :

BNA\_F

ClientSampleId :

GREENBROOK-COMPMSD

Tgt Ion:107 Resp: 548776

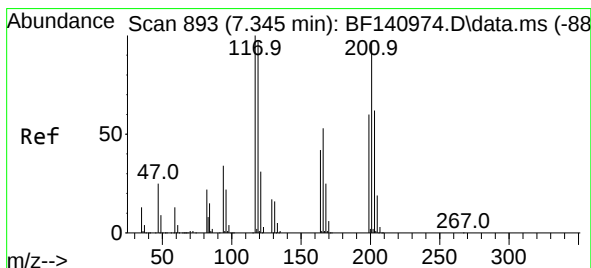
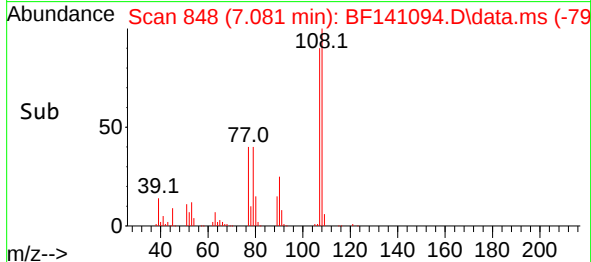
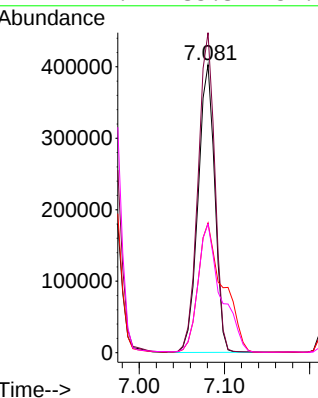
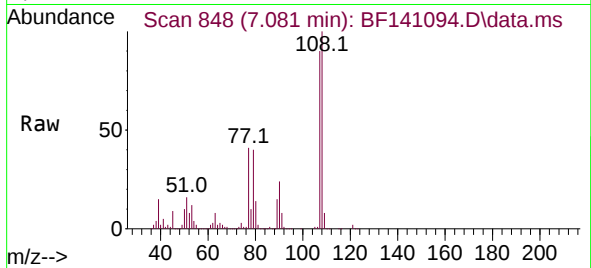
Ion Ratio Lower Upper

107 100

108 111.1 90.6 136.0

77 45.0 35.3 52.9

79 44.7 35.3 52.9



#18

Hexachloroethane

Concen: 50.416 ng

RT: 7.339 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

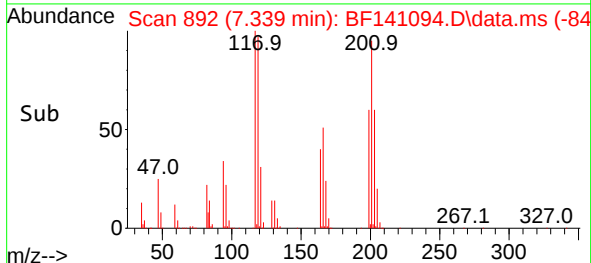
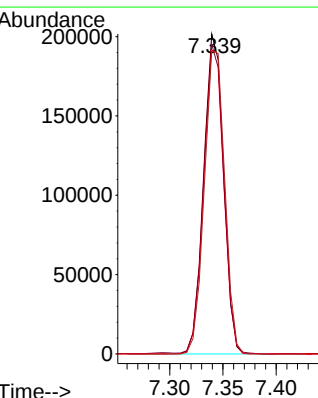
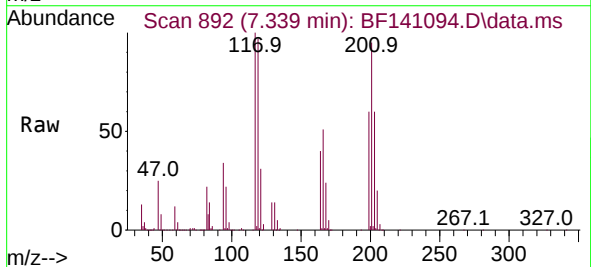
Tgt Ion:117 Resp: 259741

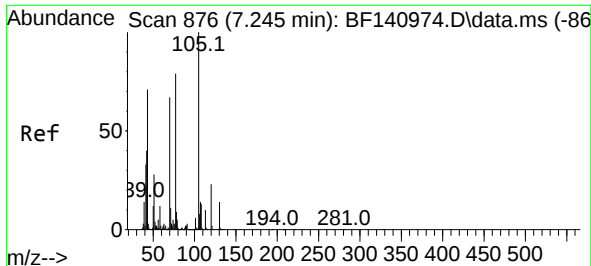
Ion Ratio Lower Upper

117 100

119 96.7 77.5 116.3

201 95.0 77.4 116.2

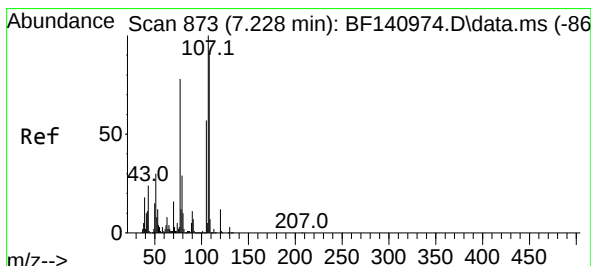
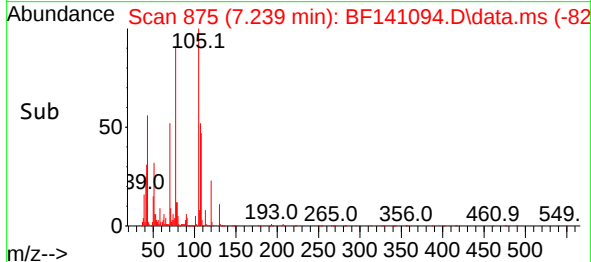
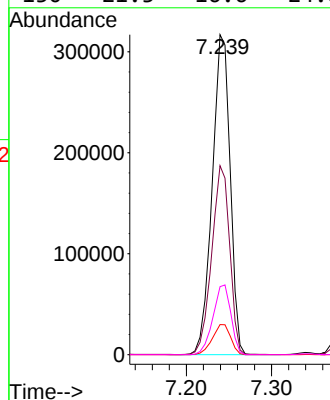
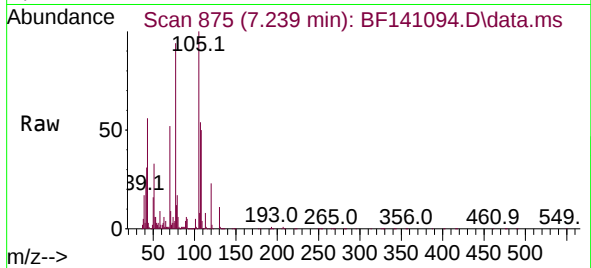




#19  
n-Nitroso-di-n-propylamine  
Concen: 47.395 ng  
RT: 7.239 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

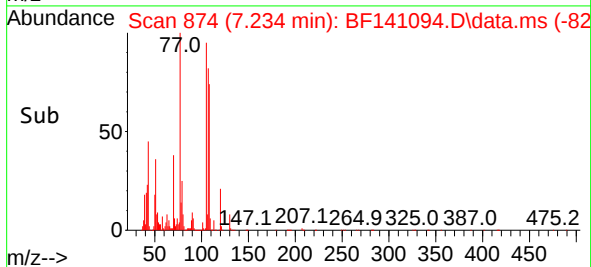
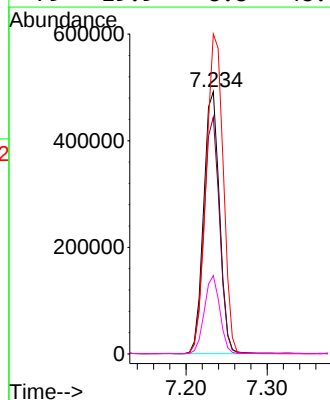
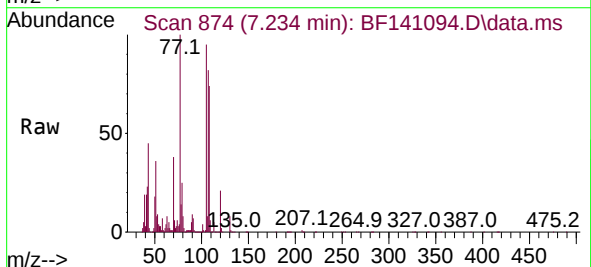
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

Tgt Ion: 70 Resp: 462485  
Ion Ratio Lower Upper  
70 100  
42 59.1 48.1 72.1  
101 9.4 7.6 11.4  
130 21.3 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 48.549 ng  
RT: 7.234 min Scan# 874  
Delta R.T. 0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:107 Resp: 665356  
Ion Ratio Lower Upper  
107 100  
108 90.4 69.6 109.6  
77 122.0 57.6 97.6#  
79 29.9 8.8 48.8

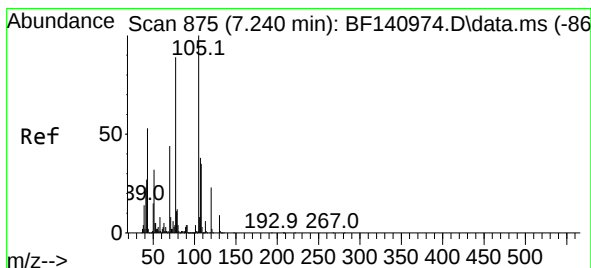
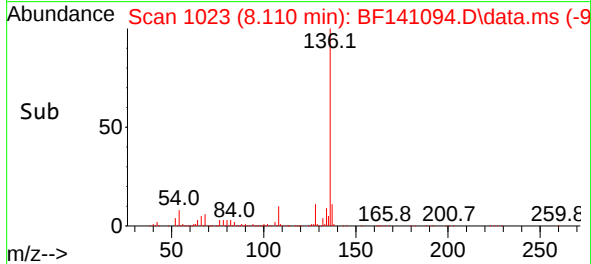
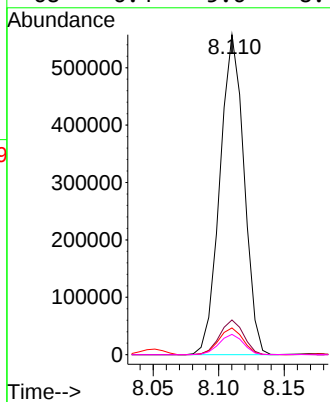
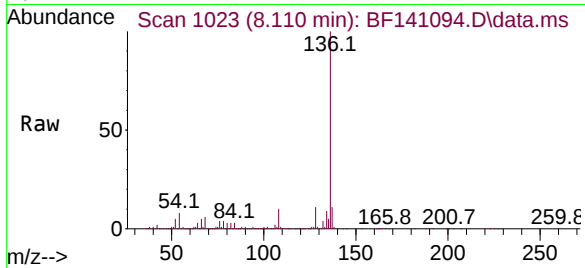




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

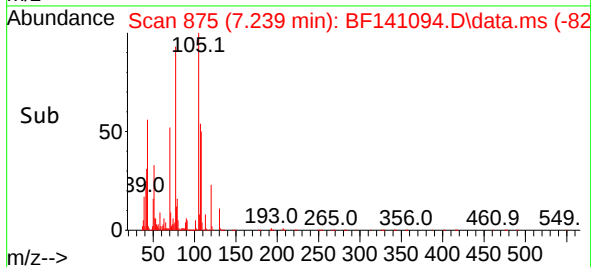
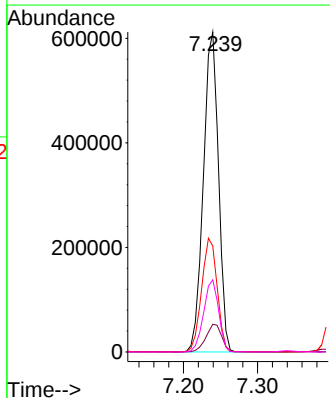
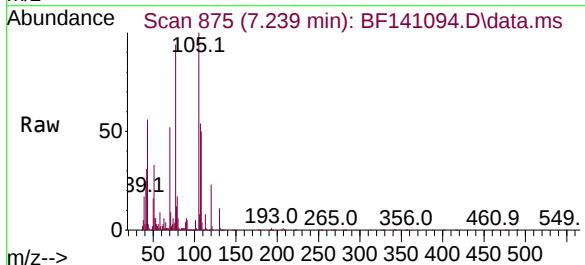
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

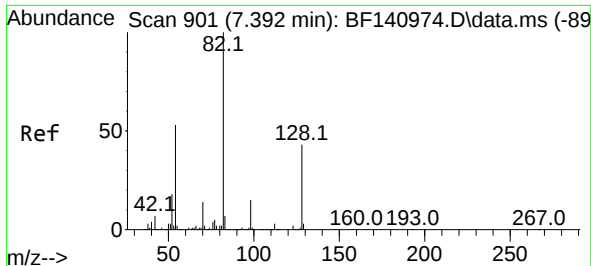
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 714309 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 9.0   | 13.4   |
| 54        | 8.4   | 7.6   | 11.4   |
| 68        | 6.4   | 5.6   | 8.4    |



#22  
Acetophenone  
Concen: 49.448 ng  
RT: 7.239 min Scan# 875  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 866479 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 8.6   | 6.1   | 9.1    |
| 51        | 33.1  | 25.8  | 38.6   |
| 120       | 22.6  | 18.1  | 27.1   |





#23

Nitrobenzene-d5

Concen: 78.939 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

Instrument :

BNA\_F

ClientSampleId :

GREENBROOK-COMPMSD

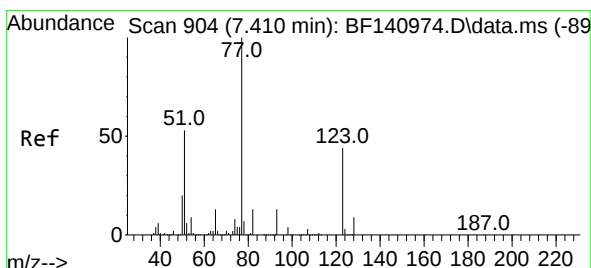
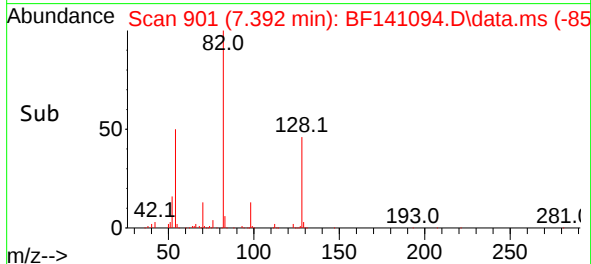
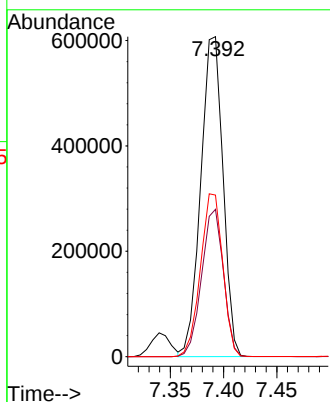
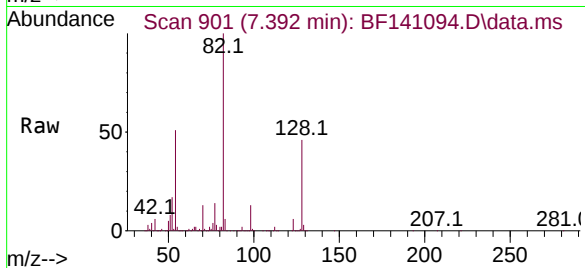
Tgt Ion: 82 Resp: 881350

Ion Ratio Lower Upper

82 100

128 46.0 34.4 51.6

54 50.5 42.4 63.6



#24

Nitrobenzene

Concen: 56.528 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

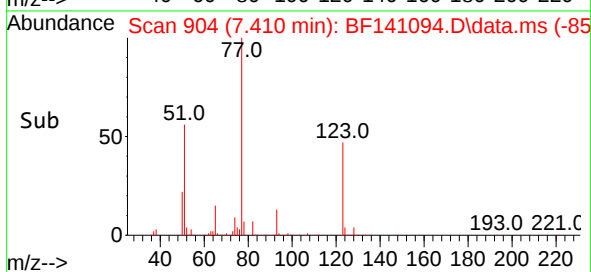
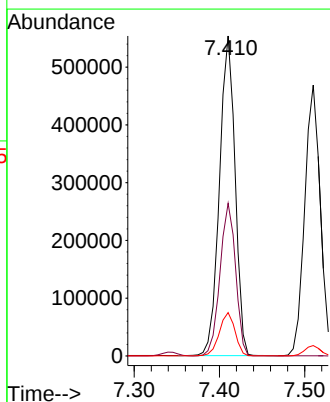
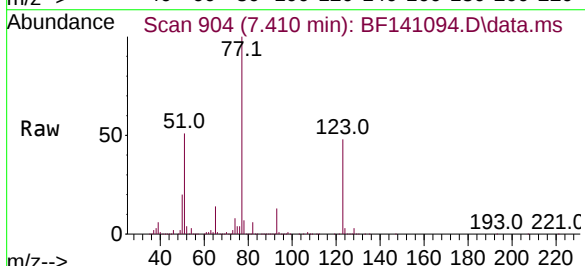
Tgt Ion: 77 Resp: 705224

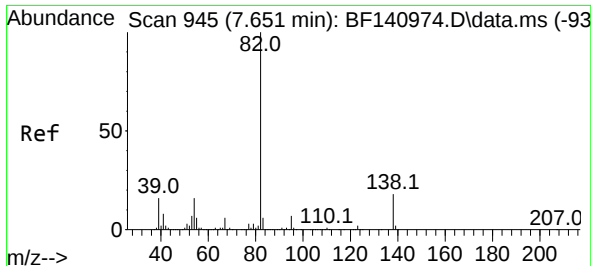
Ion Ratio Lower Upper

77 100

123 47.7 35.4 53.2

65 13.5 10.7 16.1

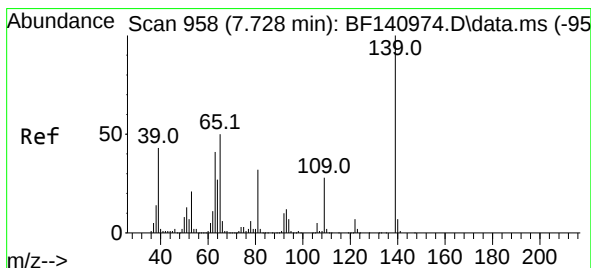
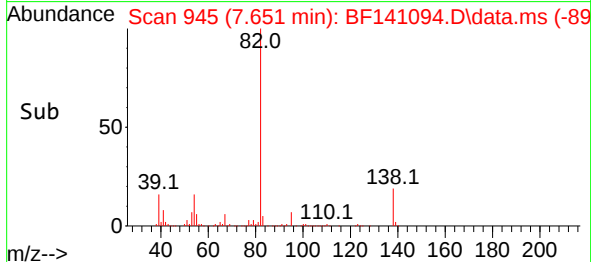
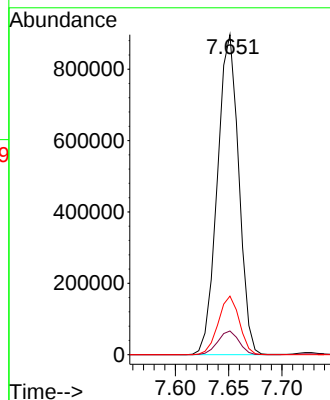
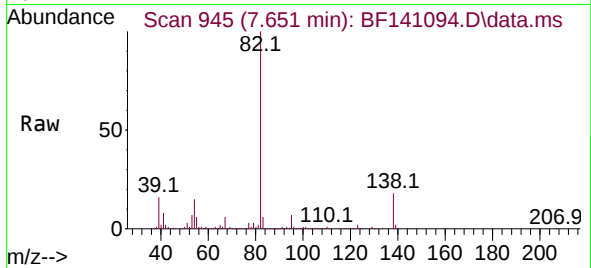




#25  
Isophorone  
Concen: 51.450 ng  
RT: 7.651 min Scan# 945  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

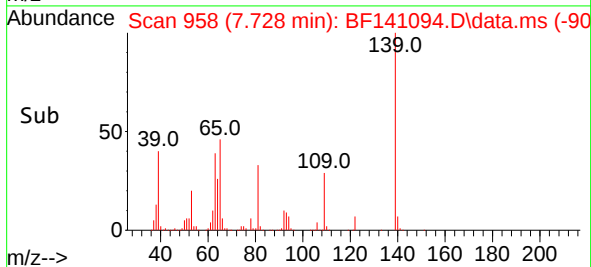
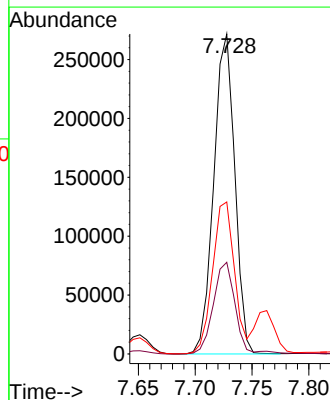
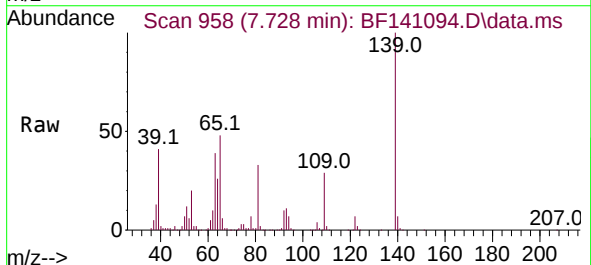
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

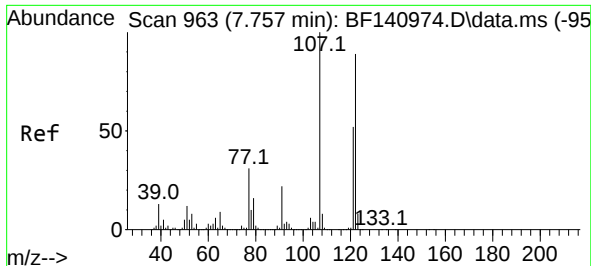
Tgt Ion: 82 Resp: 1250007  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.6 8.4  
138 18.3 14.6 21.8



#26  
2-Nitrophenol  
Concen: 66.123 ng  
RT: 7.728 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:139 Resp: 349570  
Ion Ratio Lower Upper  
139 100  
109 28.6 22.2 33.4  
65 47.5 40.2 60.4

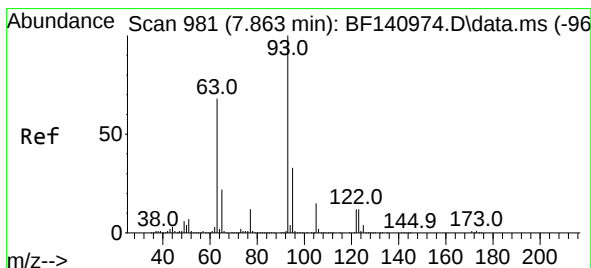
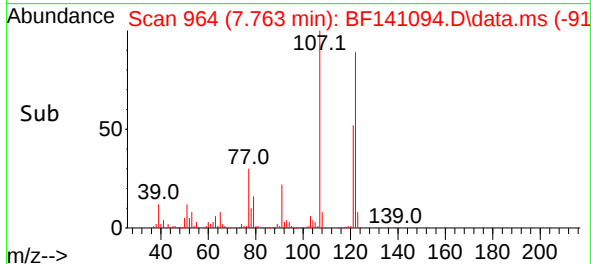
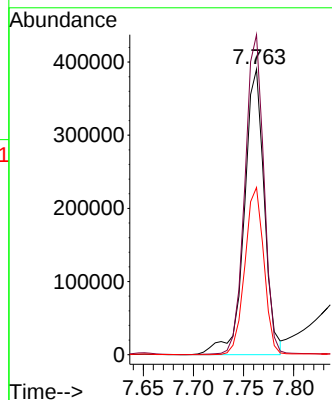
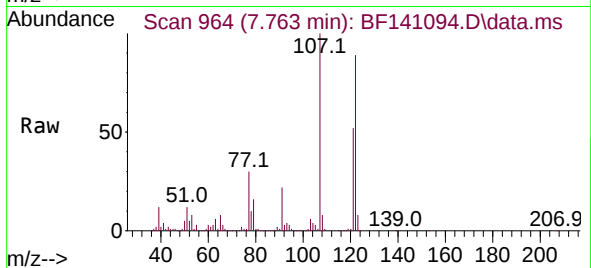




#27  
2,4-Dimethylphenol  
Concen: 61.312 ng  
RT: 7.763 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

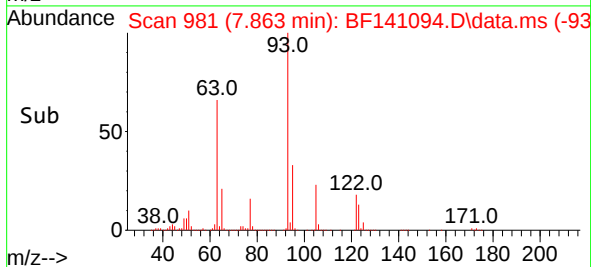
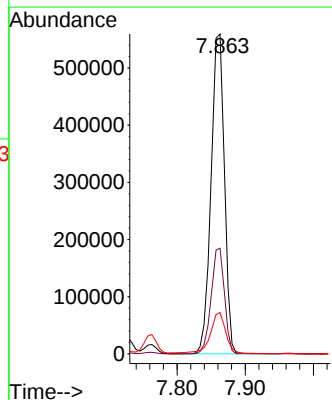
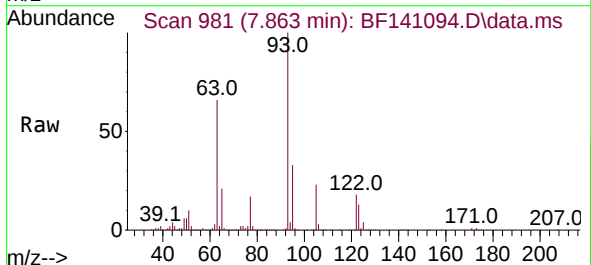
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

Tgt Ion:122 Resp: 544400  
Ion Ratio Lower Upper  
122 100  
107 112.1 89.4 134.2  
121 58.6 46.7 70.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 49.721 ng  
RT: 7.863 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion: 93 Resp: 765366  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.2 39.4  
123 12.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 53.711 ng

RT: 7.963 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF141094.D

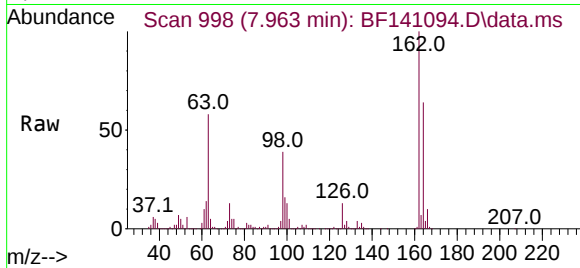
Acq: 08 Jan 2025 19:49

Instrument :

BNA\_F

ClientSampleId :

GREENBROOK-COMPMSD



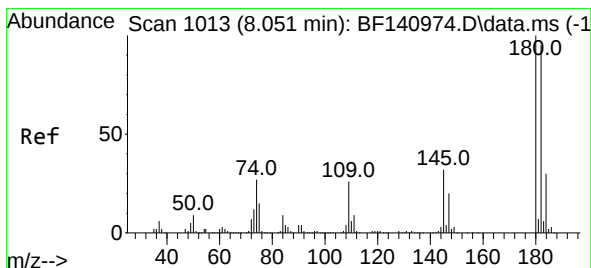
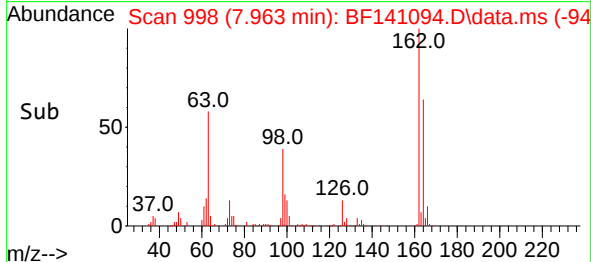
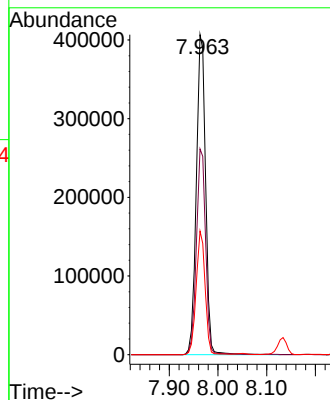
Tgt Ion:162 Resp: 540892

Ion Ratio Lower Upper

162 100

164 64.3 44.8 84.8

98 38.6 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 49.584 ng

RT: 8.051 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

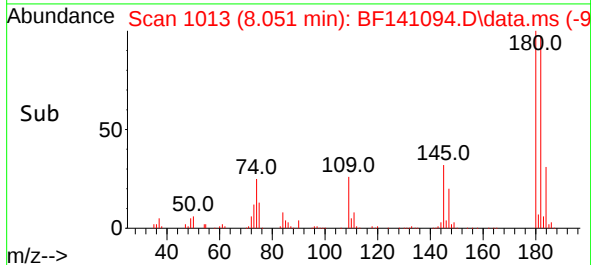
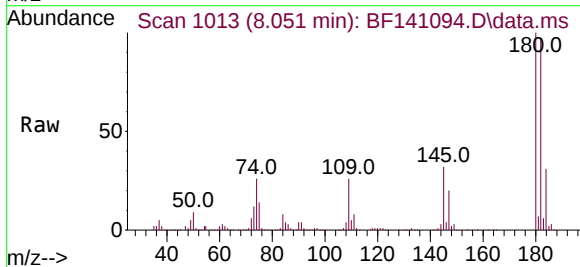
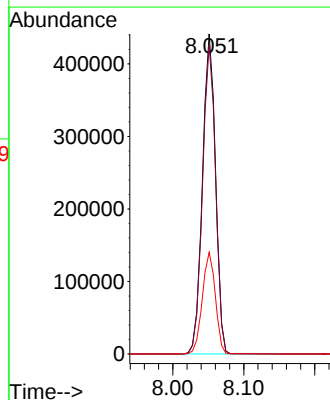
Tgt Ion:180 Resp: 565167

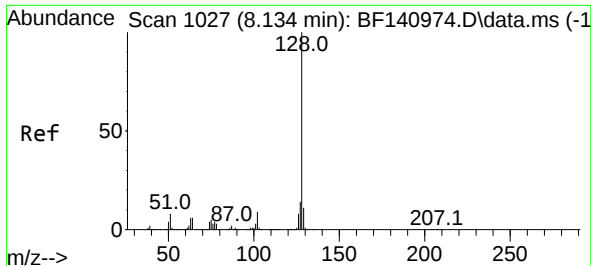
Ion Ratio Lower Upper

180 100

182 96.5 76.2 114.4

145 31.8 25.4 38.2

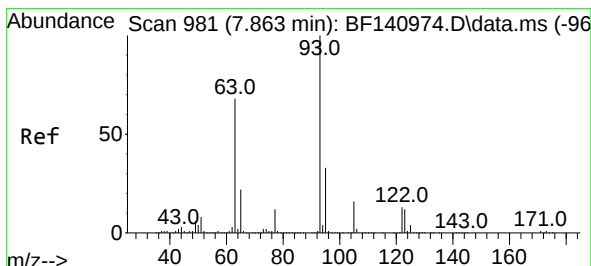
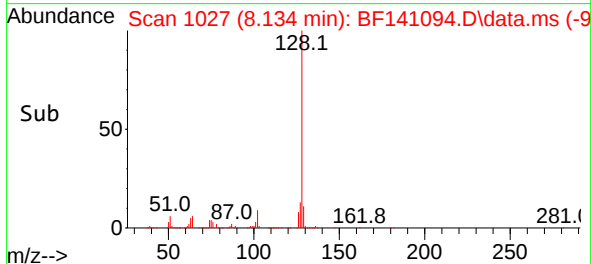
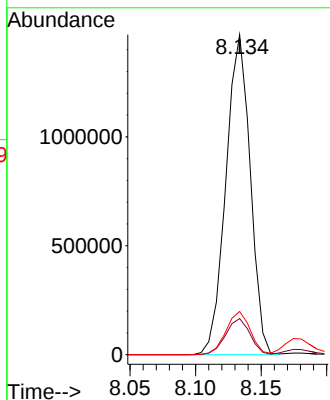
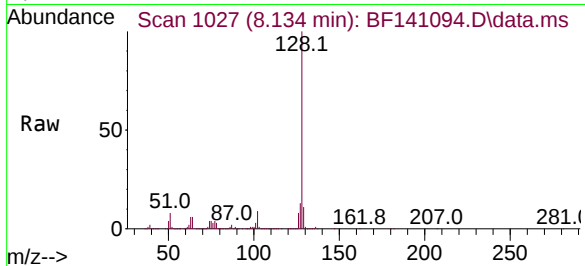




#31  
Naphthalene  
Concen: 50.335 ng  
RT: 8.134 min Scan# 1027  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

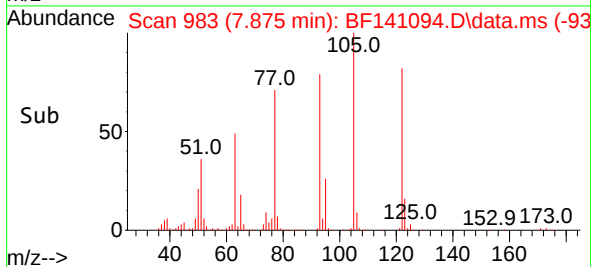
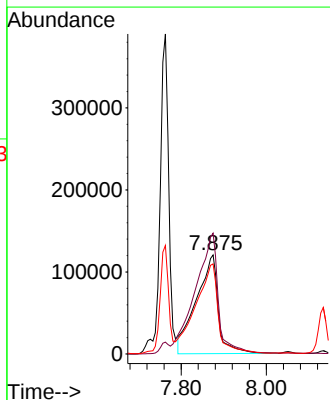
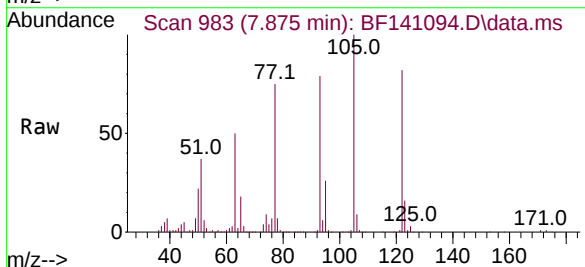
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

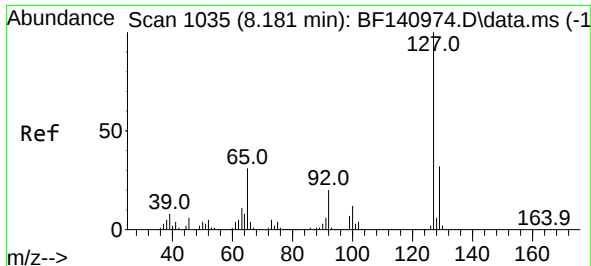
Tgt Ion:128 Resp: 1894598  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.2 13.8  
127 13.5 11.0 16.4



#32  
Benzoic acid  
Concen: 57.386 ng  
RT: 7.875 min Scan# 983  
Delta R.T. 0.012 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:122 Resp: 432418  
Ion Ratio Lower Upper  
122 100  
105 122.0 105.4 145.4  
77 91.1 76.4 116.4

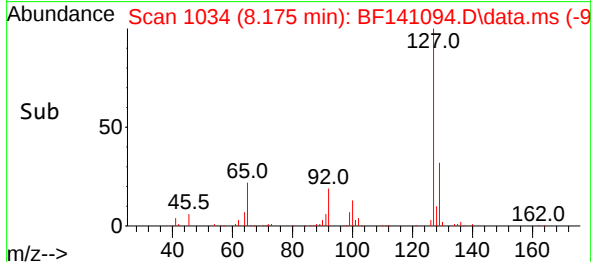
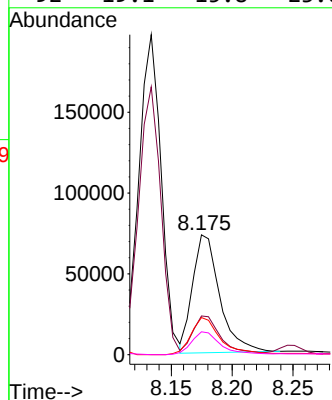
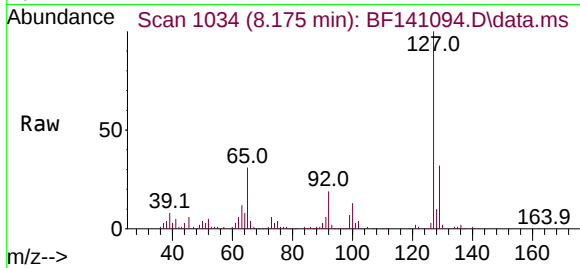




#33  
4-Chloroaniline  
Concen: 8.307 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

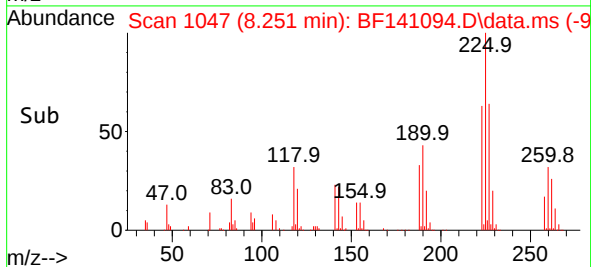
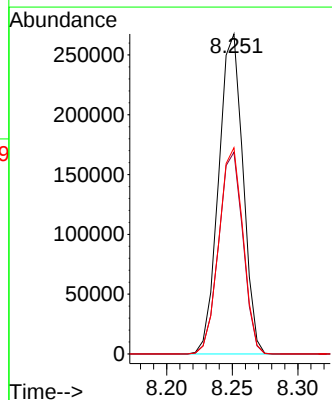
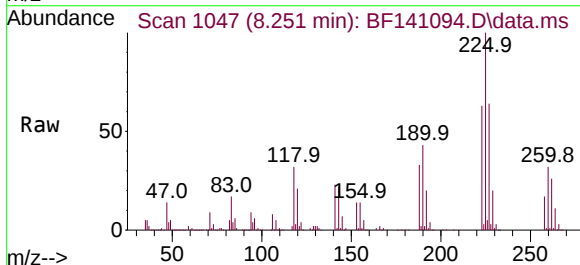
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

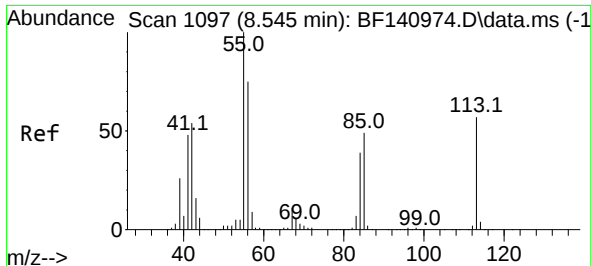
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 113109 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.1  | 39.1   |
| 65       | 30.9  | 24.6  | 37.0   |
| 92       | 19.1  | 15.8  | 23.6   |



#34  
Hexachlorobutadiene  
Concen: 51.336 ng  
RT: 8.251 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 344953 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 50.3  | 75.5   |
| 227      | 64.4  | 50.8  | 76.2   |

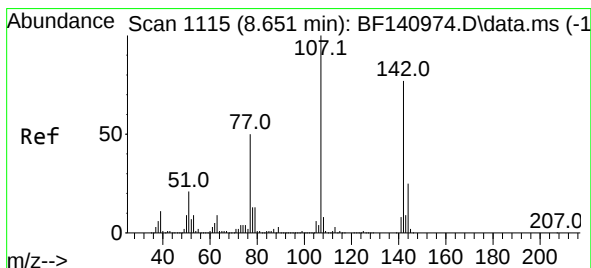
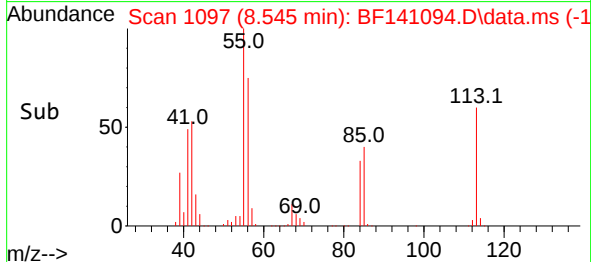
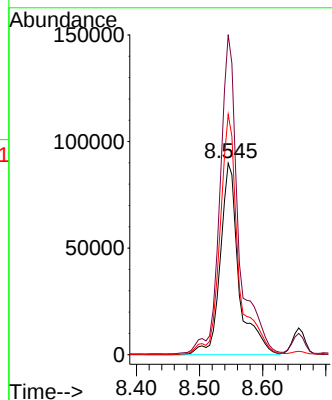
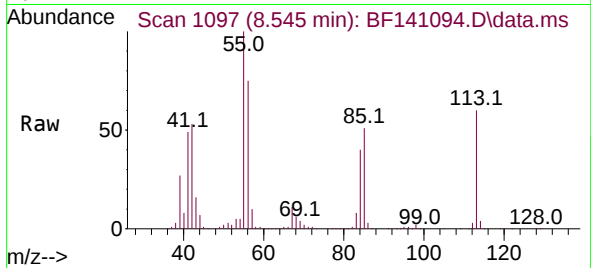




#35  
 Caprolactam  
 Concen: 53.796 ng  
 RT: 8.545 min Scan# 1109  
 Delta R.T. -0.000 min  
 Lab File: BF141094.D  
 Acq: 08 Jan 2025 19:49

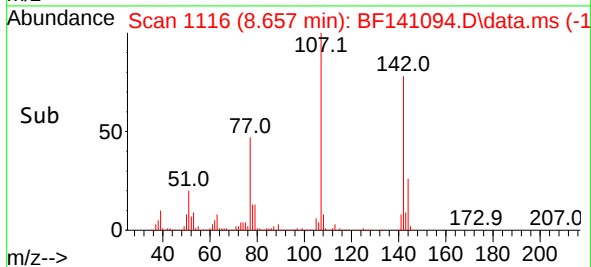
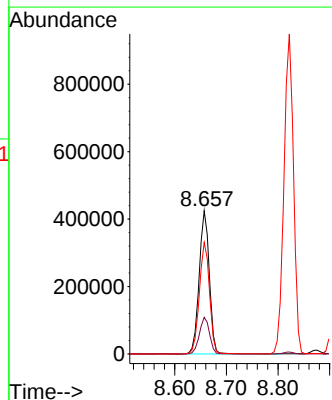
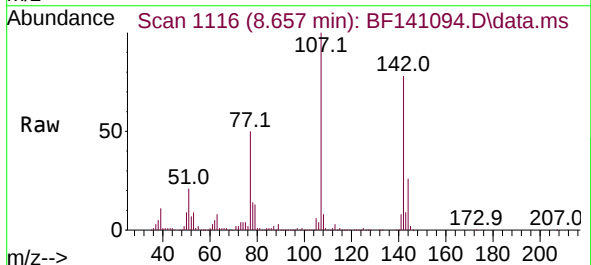
Instrument :  
 BNA\_F  
 ClientSampleId :  
 GREENBROOK-COMPMSD

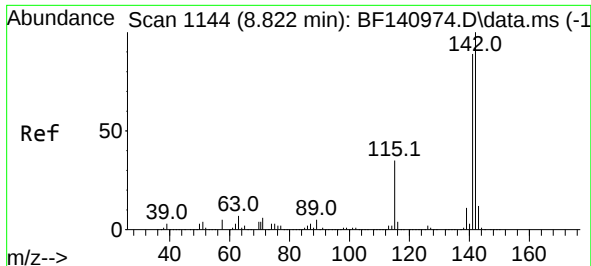
Tgt Ion:113 Resp: 184172  
 Ion Ratio Lower Upper  
 113 100  
 55 167.1 156.6 196.6  
 56 125.5 111.7 151.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 51.895 ng  
 RT: 8.657 min Scan# 1116  
 Delta R.T. 0.006 min  
 Lab File: BF141094.D  
 Acq: 08 Jan 2025 19:49

Tgt Ion:107 Resp: 580375  
 Ion Ratio Lower Upper  
 107 100  
 144 25.6 19.9 29.9  
 142 77.9 61.8 92.8

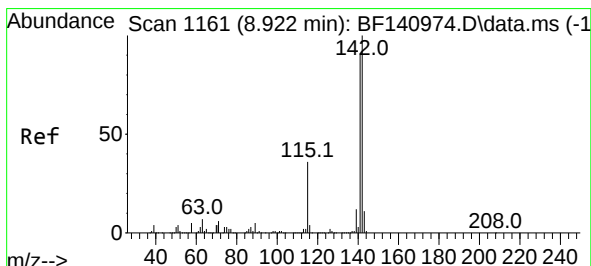
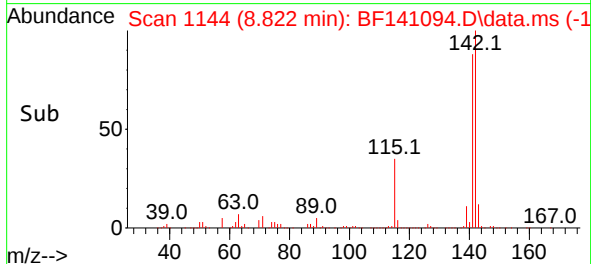
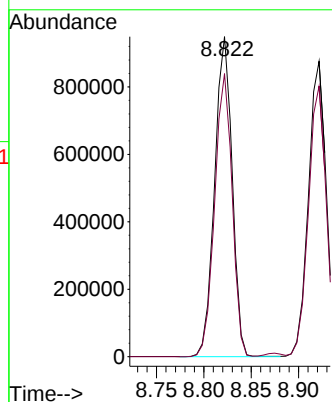
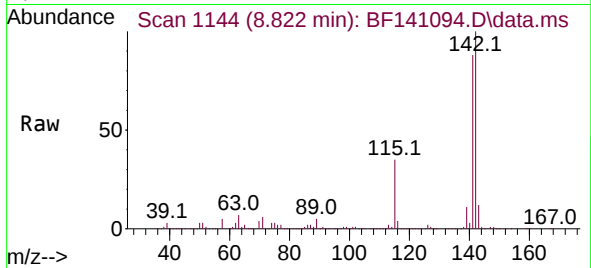




#37  
2-Methylnaphthalene  
Concen: 50.622 ng  
RT: 8.822 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

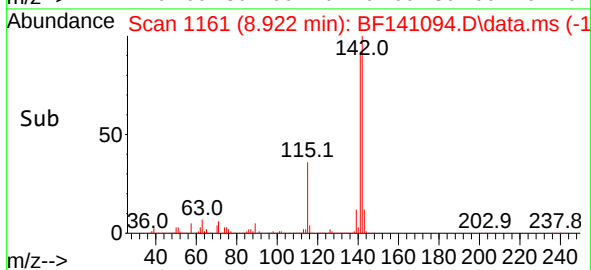
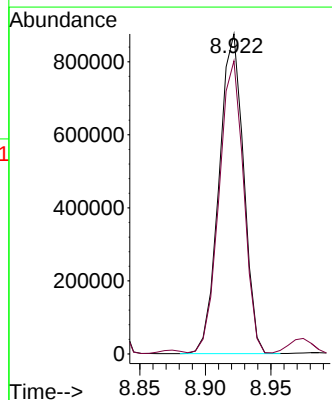
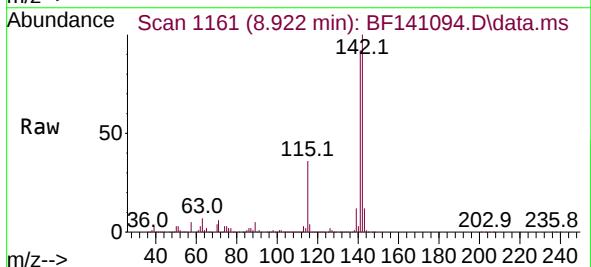
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

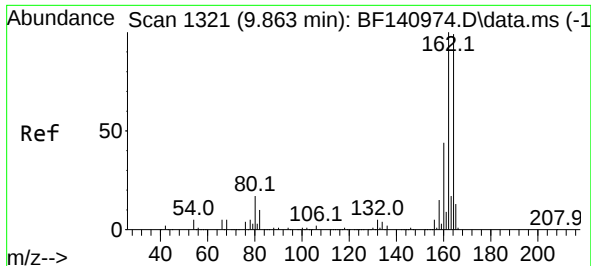
Tgt Ion:142 Resp: 1218952  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.1 106.7



#38  
1-Methylnaphthalene  
Concen: 48.105 ng  
RT: 8.922 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:142 Resp: 1138407  
Ion Ratio Lower Upper  
142 100  
141 91.6 72.7 109.1

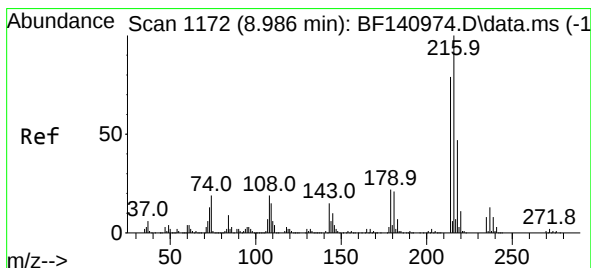
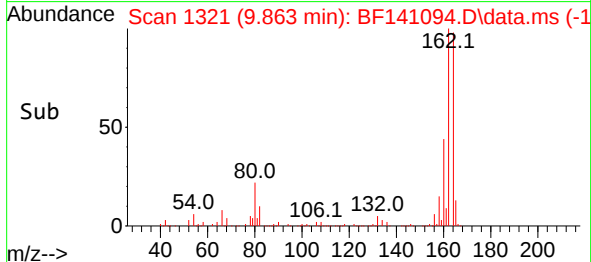
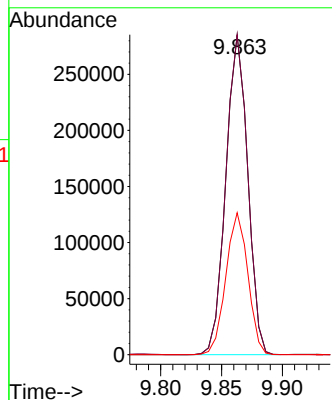
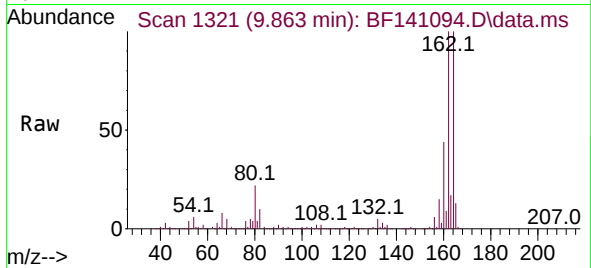




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

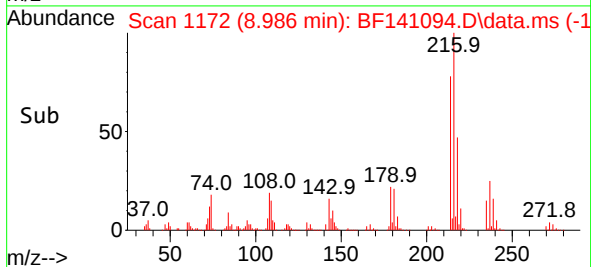
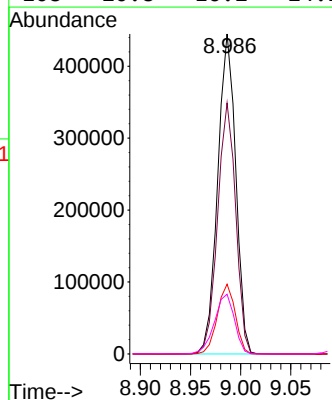
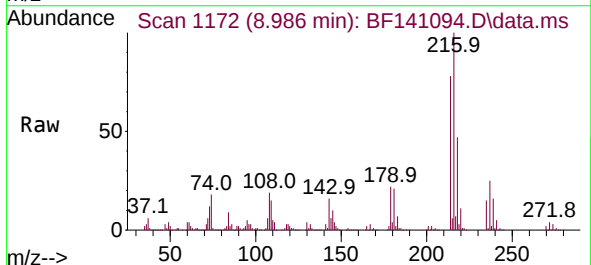
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

Tgt Ion:164 Resp: 357342  
Ion Ratio Lower Upper  
164 100  
162 100.2 80.6 120.8  
160 44.4 35.7 53.5



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 56.490 ng  
RT: 8.986 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:216 Resp: 555346  
Ion Ratio Lower Upper  
216 100  
214 78.4 63.0 94.6  
179 21.7 17.9 26.9  
108 20.8 16.2 24.2

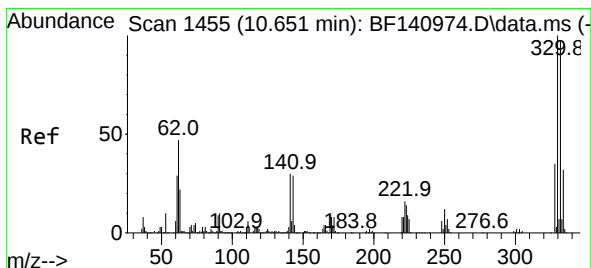
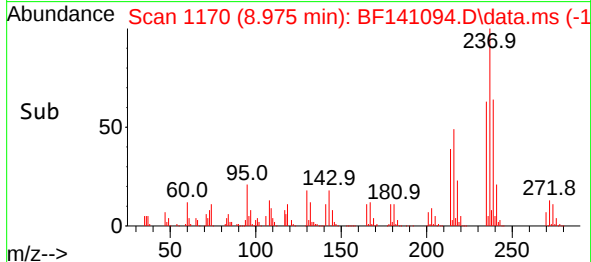
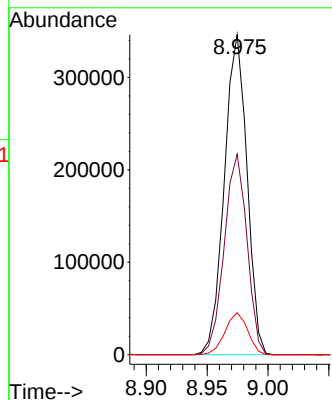
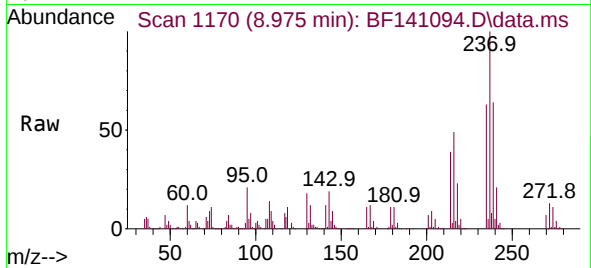




#41  
Hexachlorocyclopentadiene  
Concen: 137.630 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

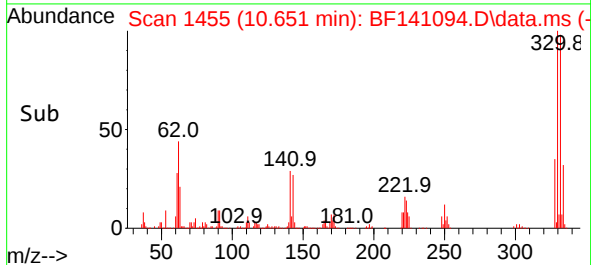
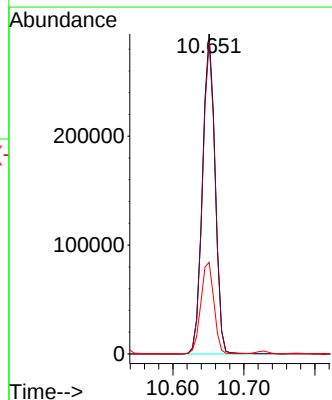
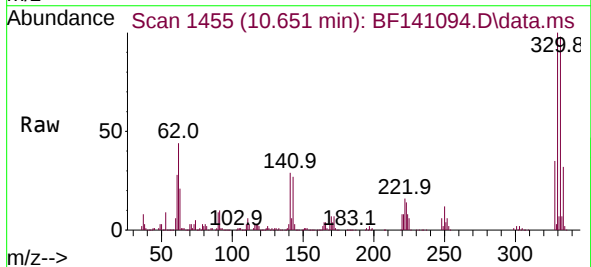
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

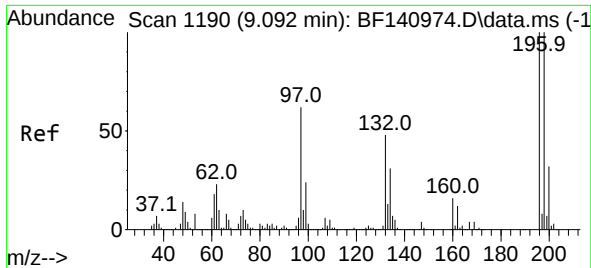
Tgt Ion:237 Resp: 448380  
Ion Ratio Lower Upper  
237 100  
235 62.6 43.4 83.4  
272 13.1 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 104.440 ng  
RT: 10.651 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:330 Resp: 362647  
Ion Ratio Lower Upper  
330 100  
332 98.0 78.0 117.0  
141 29.8 26.4 39.6

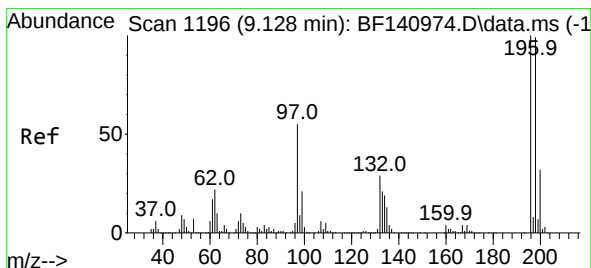
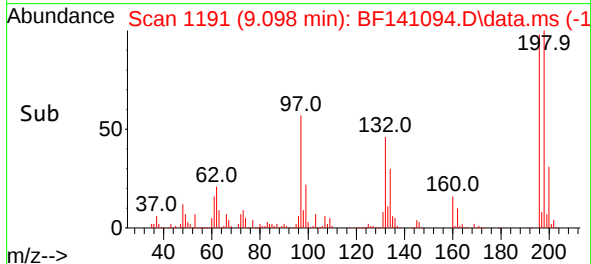
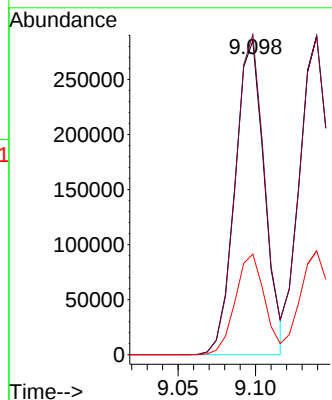
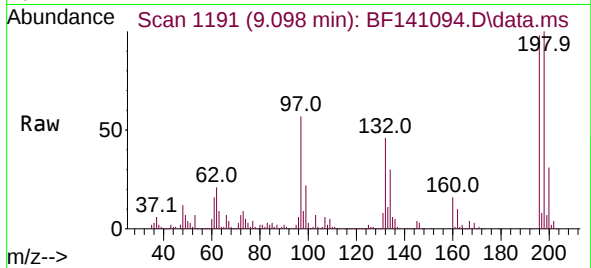




#43  
2,4,6-Trichlorophenol  
Concen: 57.646 ng  
RT: 9.098 min Scan# 1190  
Delta R.T. 0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

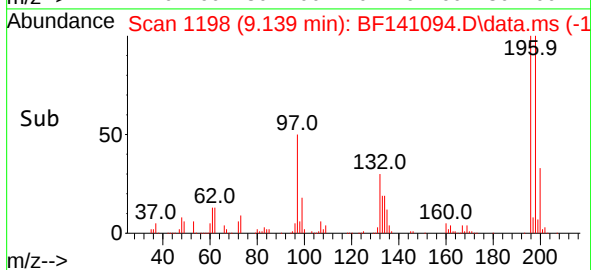
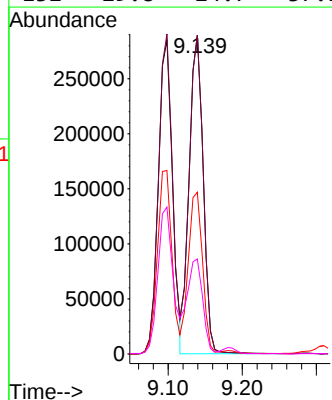
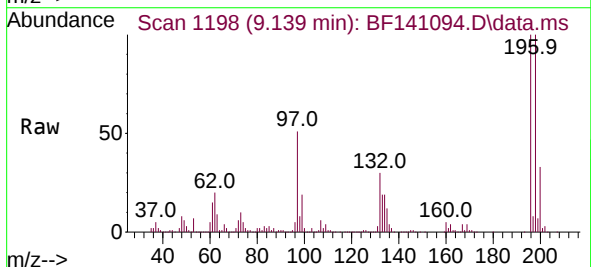
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

Tgt Ion:196 Resp: 377177  
Ion Ratio Lower Upper  
196 100  
198 102.0 80.2 120.4  
200 32.1 25.8 38.6



#44  
2,4,5-Trichlorophenol  
Concen: 57.078 ng  
RT: 9.139 min Scan# 1198  
Delta R.T. 0.012 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:196 Resp: 382124  
Ion Ratio Lower Upper  
196 100  
198 100.0 79.9 119.9  
97 50.8 44.3 66.5  
132 29.8 24.7 37.1

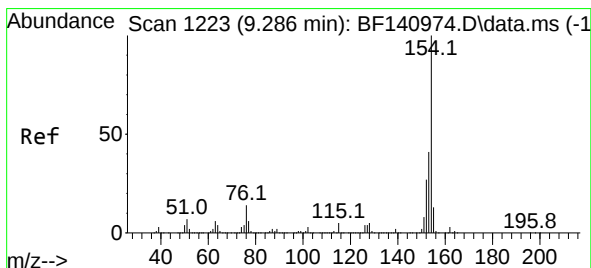
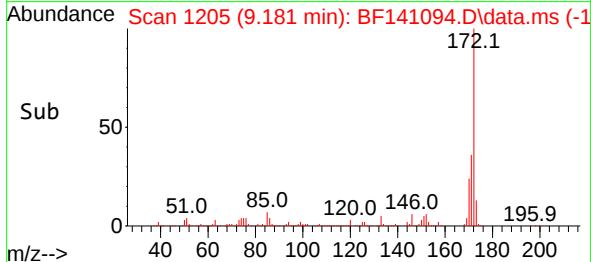
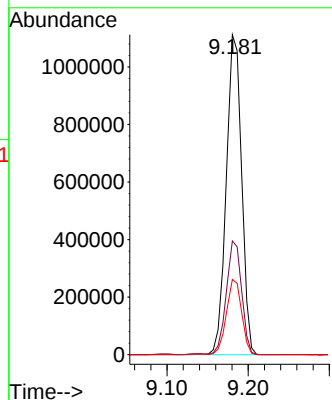
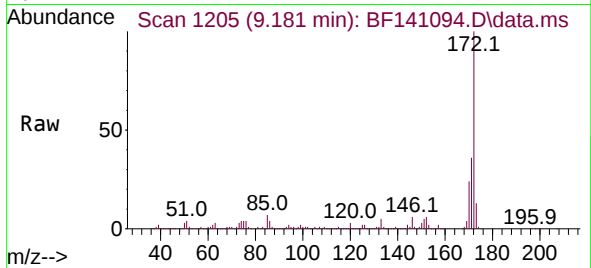




#45  
2-Fluorobiphenyl  
Concen: 65.200 ng  
RT: 9.181 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

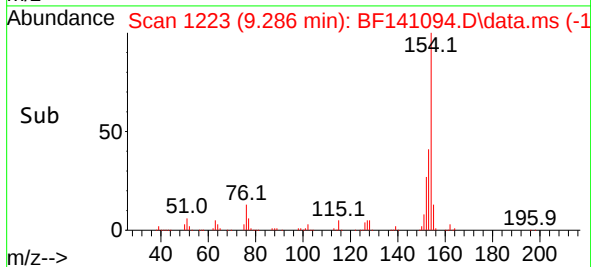
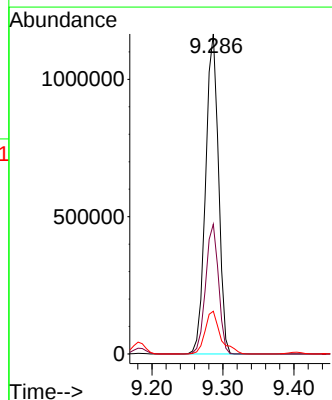
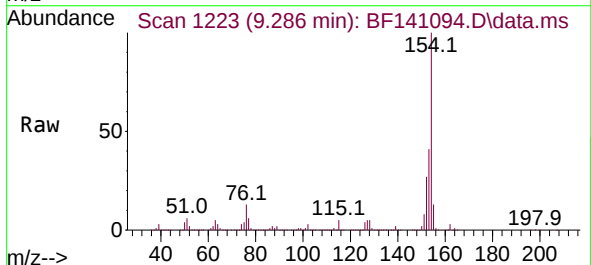
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

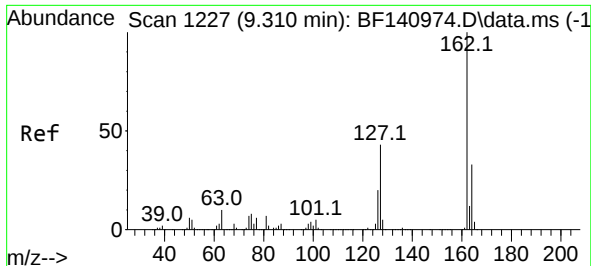
Tgt Ion:172 Resp: 1462356  
Ion Ratio Lower Upper  
172 100  
171 35.6 29.0 43.4  
170 23.5 19.6 29.4



#46  
1,1'-Biphenyl  
Concen: 53.900 ng  
RT: 9.286 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:154 Resp: 1474782  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.9 60.9  
76 13.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 52.326 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

Instrument :

BNA\_F

ClientSampleId :

GREENBROOK-COMPMSD

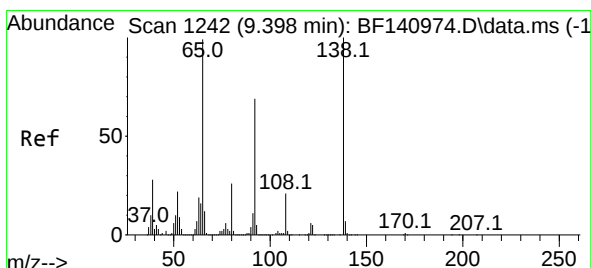
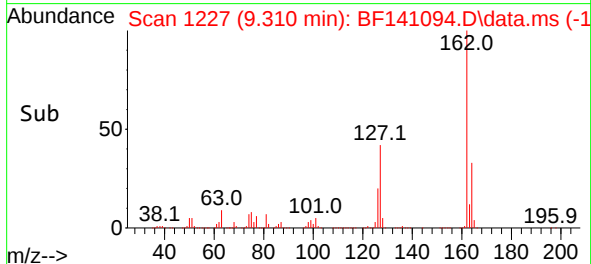
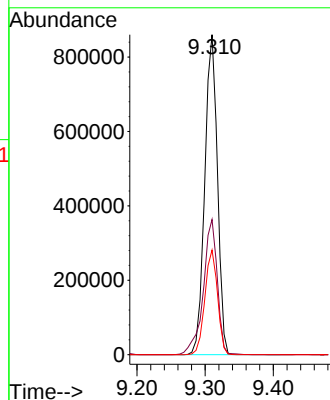
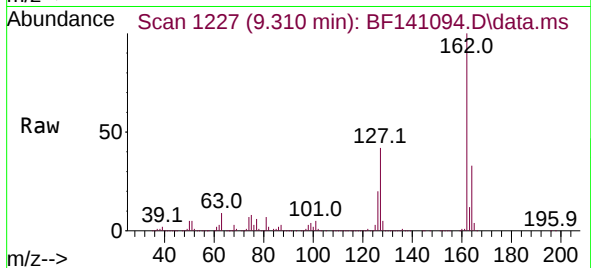
Tgt Ion:162 Resp: 1110390

Ion Ratio Lower Upper

162 100

127 42.2 34.2 51.4

164 32.7 26.6 40.0



#48

2-Nitroaniline

Concen: 61.629 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

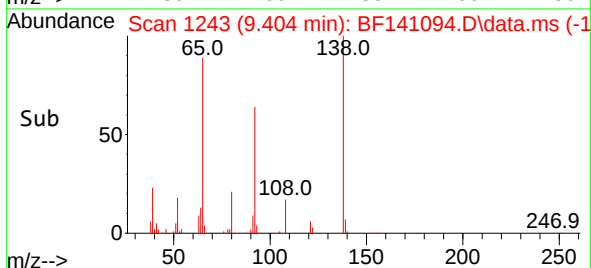
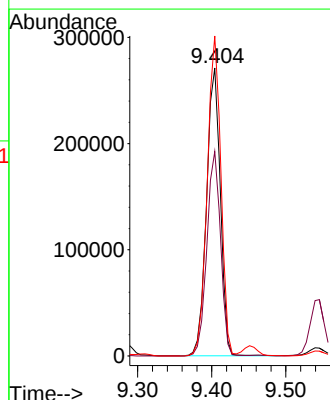
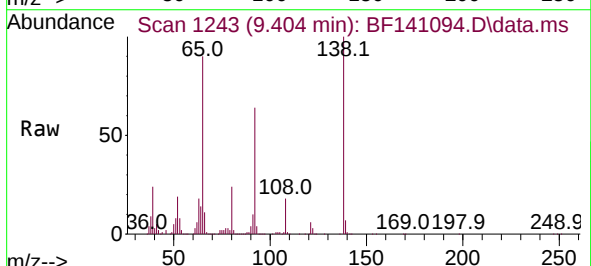
Tgt Ion: 65 Resp: 350234

Ion Ratio Lower Upper

65 100

92 71.0 55.6 83.4

138 111.1 80.5 120.7





#49

Acenaphthylene

Concen: 55.560 ng

RT: 9.728 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

Instrument :

BNA\_F

ClientSampleId :

GREENBROOK-COMPMSD

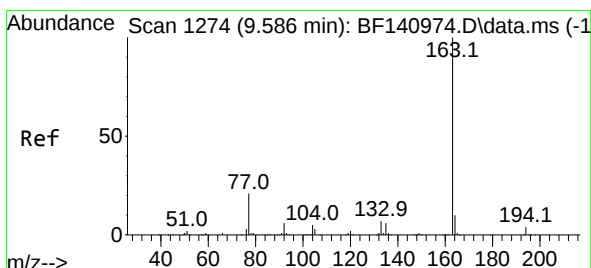
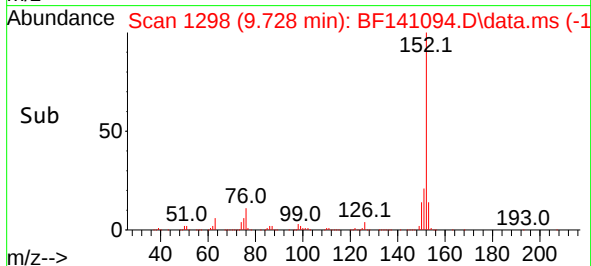
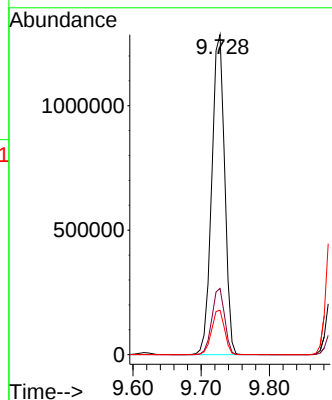
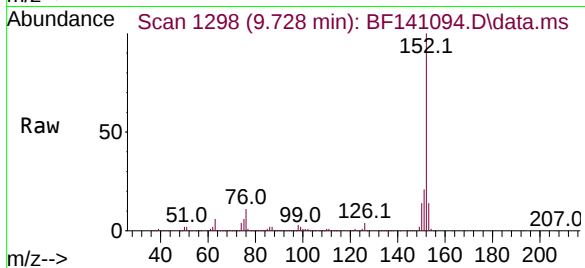
Tgt Ion:152 Resp: 1697267

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.9 11.4 17.0



#50

Dimethylphthalate

Concen: 56.106 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

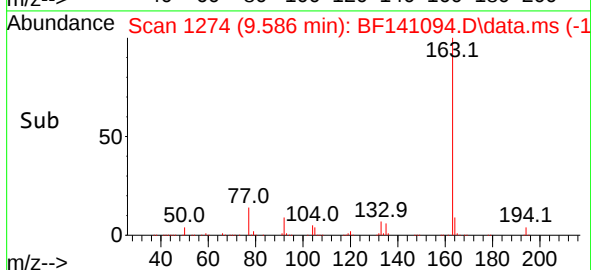
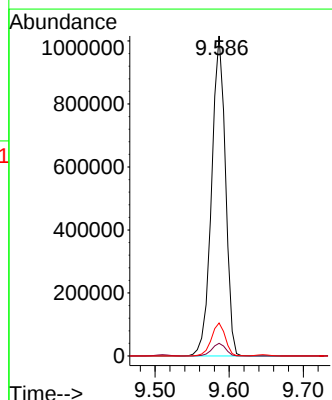
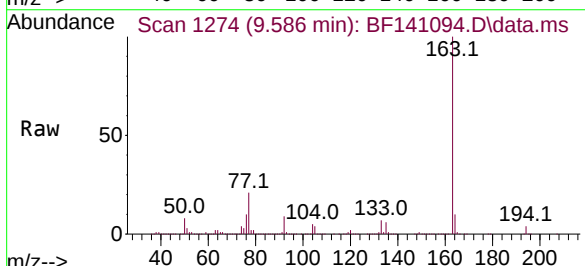
Tgt Ion:163 Resp: 1318773

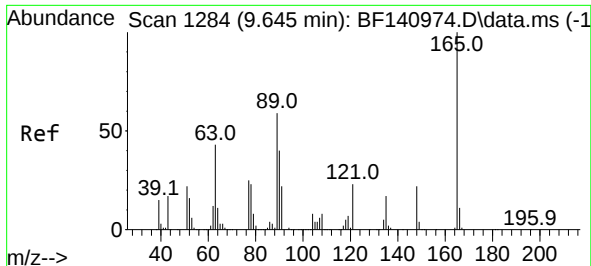
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.3 12.5

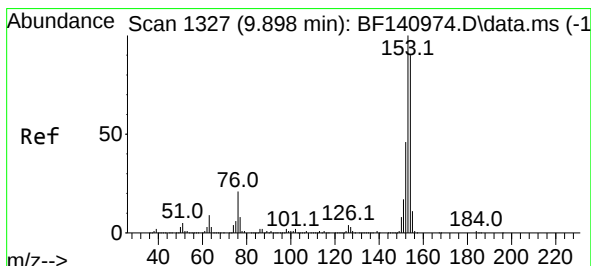
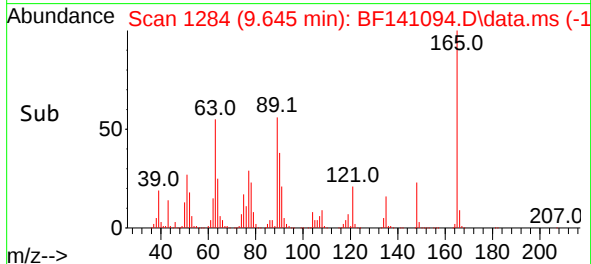
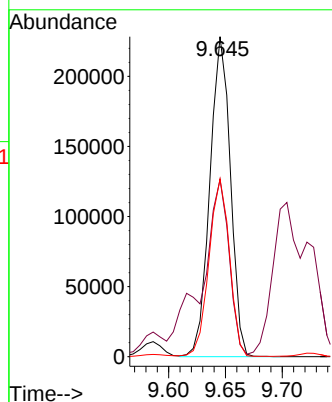
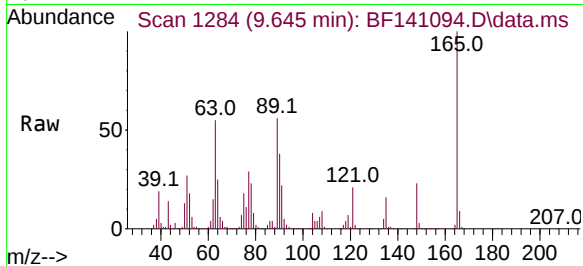




#51  
2,6-Dinitrotoluene  
Concen: 59.038 ng  
RT: 9.645 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

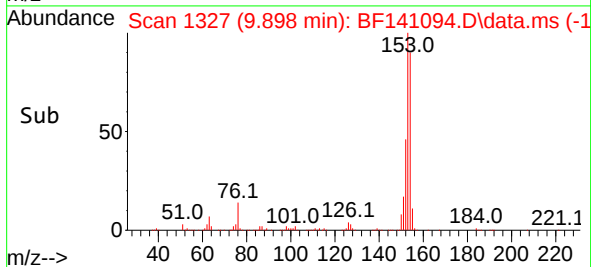
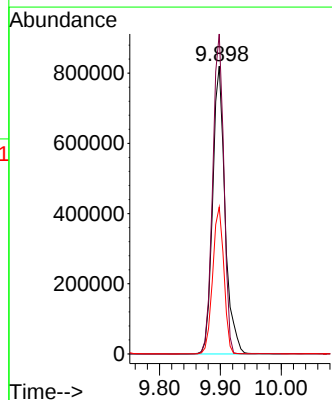
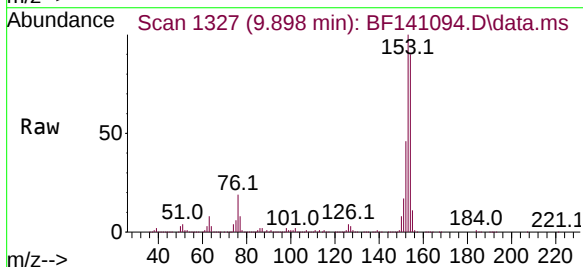
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

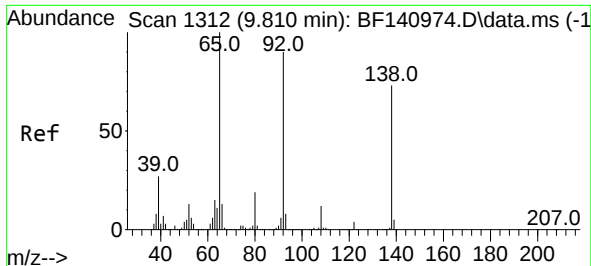
Tgt Ion:165 Resp: 287357  
Ion Ratio Lower Upper  
165 100  
63 55.3 47.1 70.7  
89 55.5 47.0 70.4



#52  
Acenaphthene  
Concen: 56.253 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:154 Resp: 1161744  
Ion Ratio Lower Upper  
154 100  
153 111.2 89.2 133.8  
152 51.0 40.9 61.3

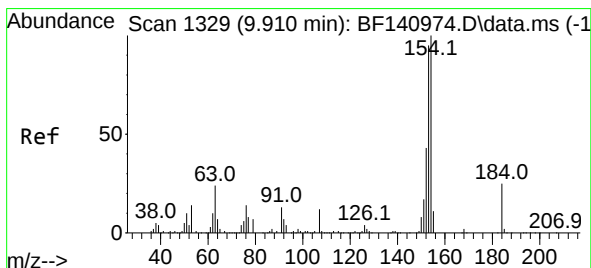
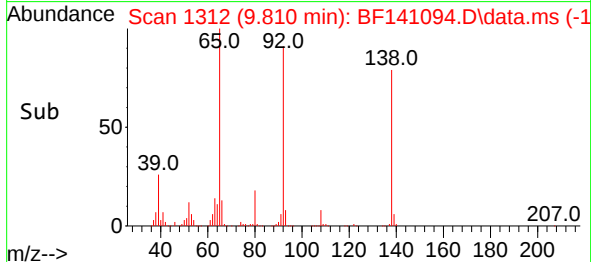
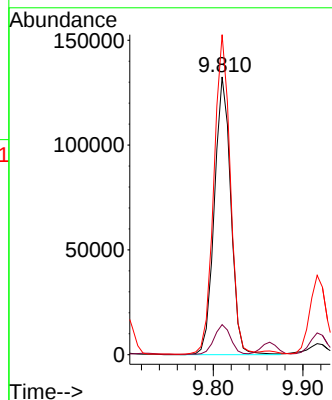
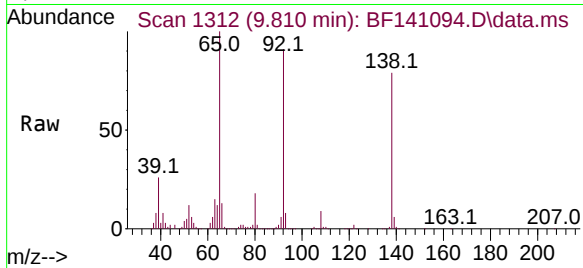




#53  
3-Nitroaniline  
Concen: 33.393 ng  
RT: 9.810 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

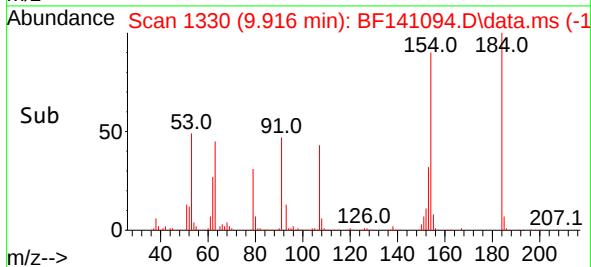
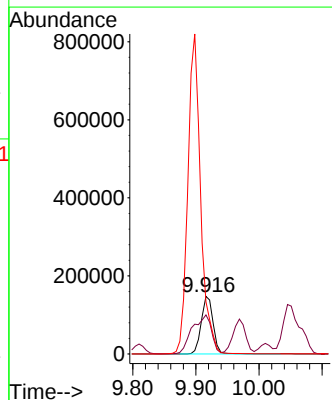
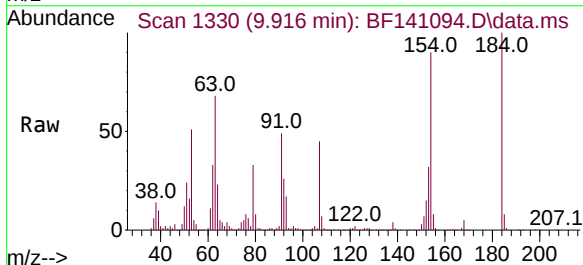
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

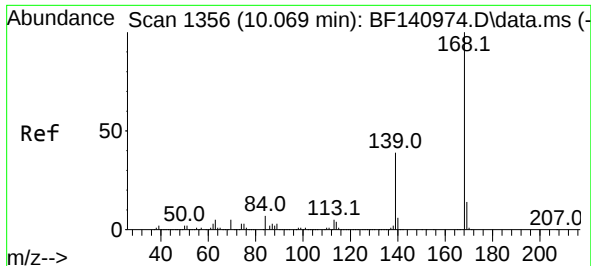
Tgt Ion:138 Resp: 168518  
Ion Ratio Lower Upper  
138 100  
108 10.8 13.5 20.3#  
92 115.2 97.7 146.5



#54  
2,4-Dinitrophenol  
Concen: 93.268 ng  
RT: 9.916 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:184 Resp: 191645  
Ion Ratio Lower Upper  
184 100  
63 67.7 81.6 122.4#  
154 90.5 363.5 545.3#

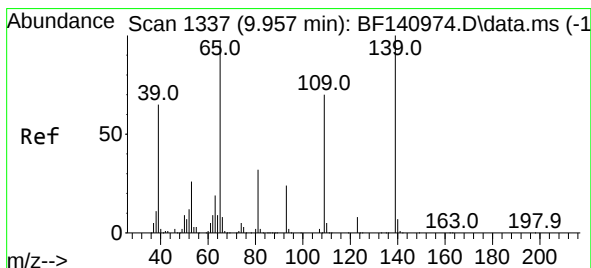
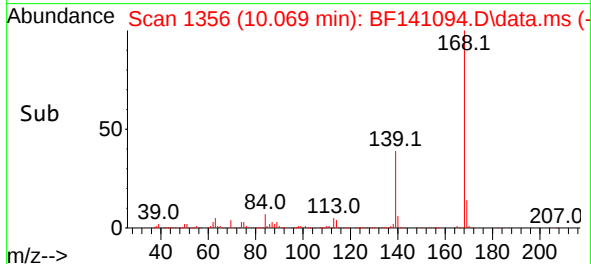
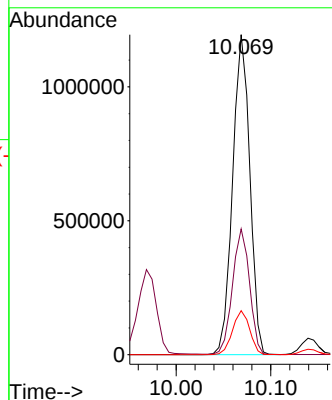
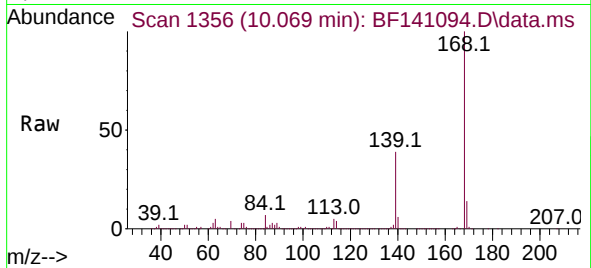




#55  
Dibenzenofuran  
Concen: 51.945 ng  
RT: 10.069 min Scan# 1356  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

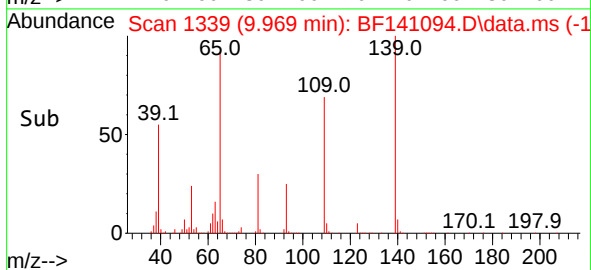
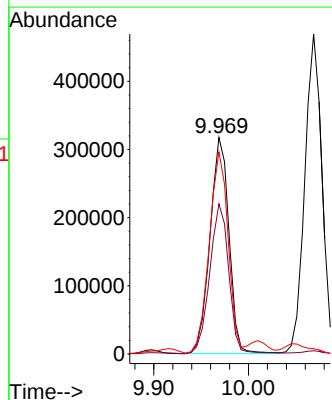
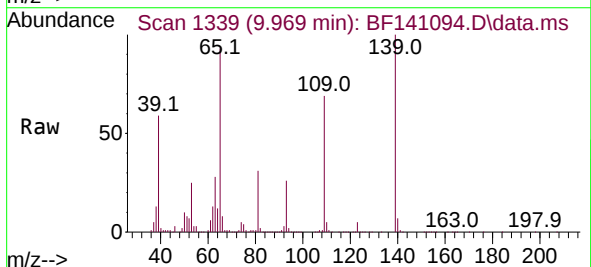
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

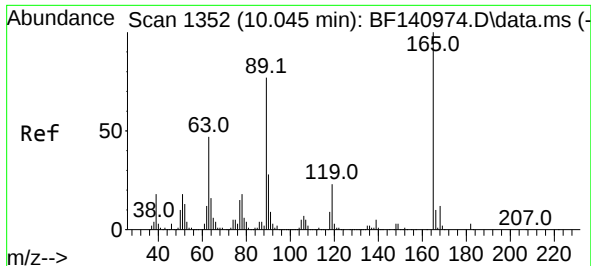
Tgt Ion:168 Resp: 1507614  
Ion Ratio Lower Upper  
168 100  
139 39.3 31.6 47.4  
169 13.8 11.0 16.6



#56  
4-Nitrophenol  
Concen: 109.871 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. 0.012 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:139 Resp: 441753  
Ion Ratio Lower Upper  
139 100  
109 69.3 50.8 90.8  
65 93.3 78.5 118.5

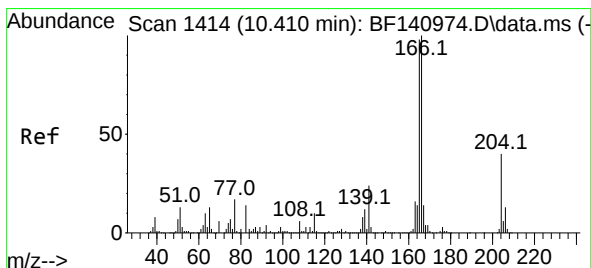
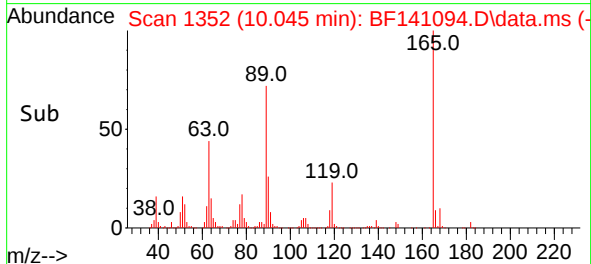
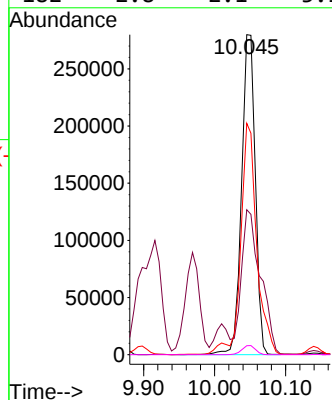
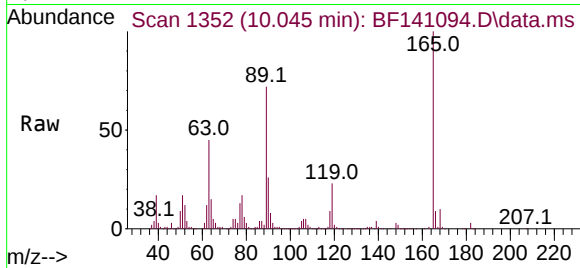




#57  
2,4-Dinitrotoluene  
Concen: 62.637 ng  
RT: 10.045 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

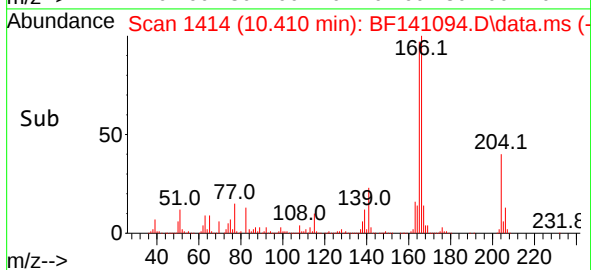
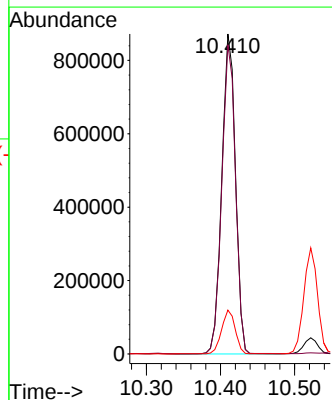
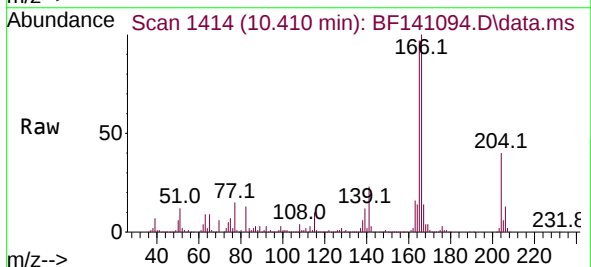
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

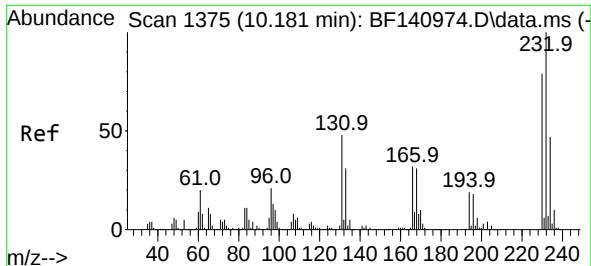
Tgt Ion:165 Resp: 376290  
Ion Ratio Lower Upper  
165 100  
63 45.3 38.1 57.1  
89 72.3 61.4 92.2  
182 2.8 2.1 3.1



#58  
Fluorene  
Concen: 49.666 ng  
RT: 10.410 min Scan# 1414  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:166 Resp: 1117795  
Ion Ratio Lower Upper  
166 100  
165 96.6 78.3 117.5  
167 13.7 10.9 16.3

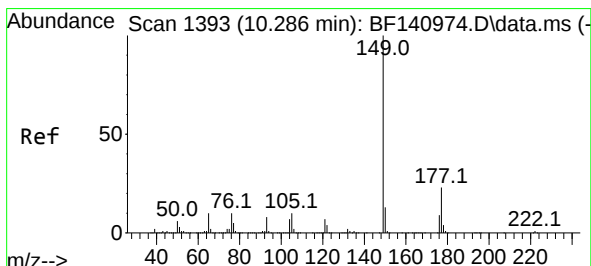
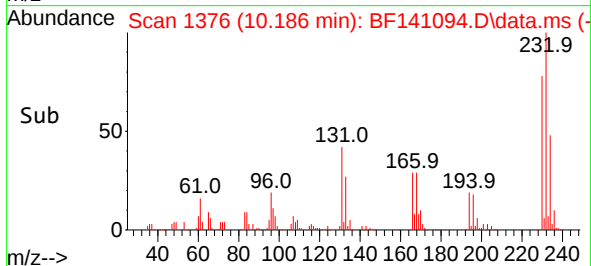
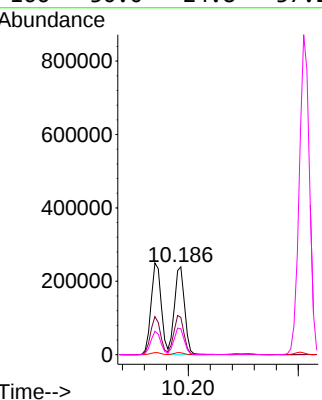
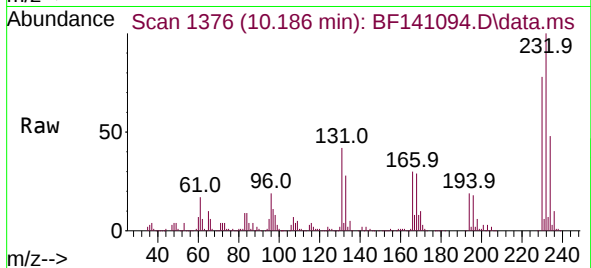




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 55.629 ng  
RT: 10.186 min Scan# 1375  
Delta R.T. 0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

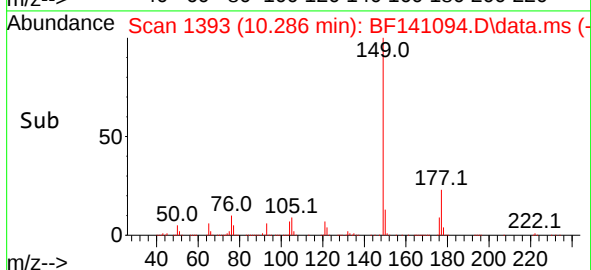
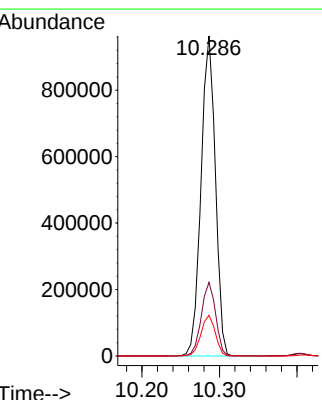
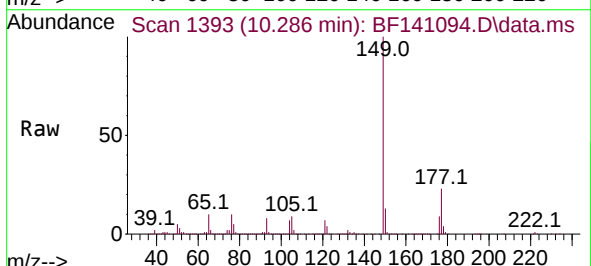
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

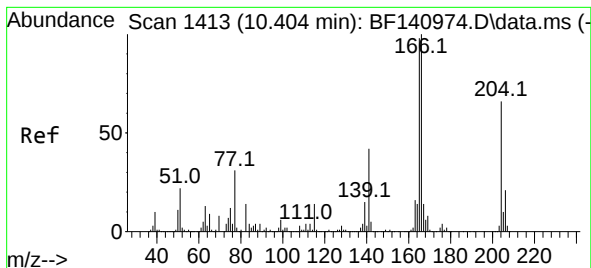
Tgt Ion:232 Resp: 308438  
Ion Ratio Lower Upper  
232 100  
131 43.3 37.4 56.2  
130 2.4 1.8 2.8  
166 30.0 24.8 37.2



#60  
Diethylphthalate  
Concen: 53.260 ng  
RT: 10.286 min Scan# 1393  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:149 Resp: 1235879  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.3 27.5  
150 12.7 10.4 15.6

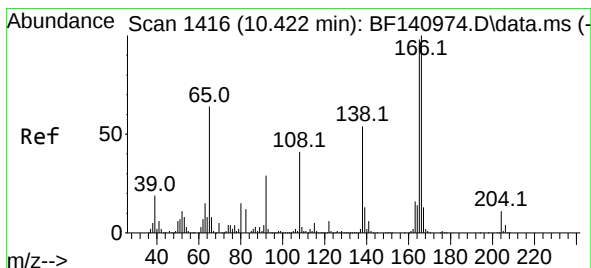
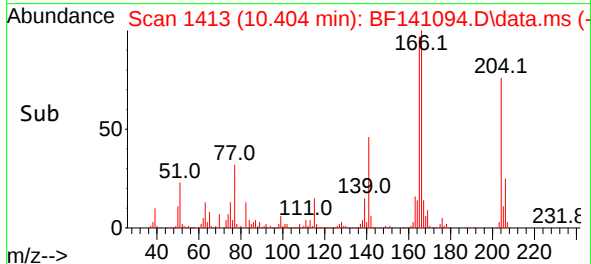
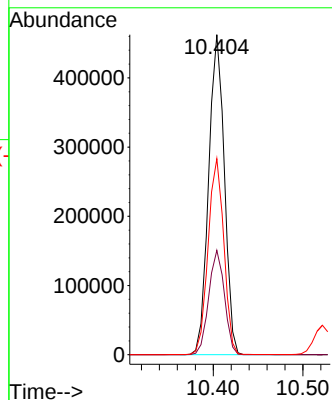
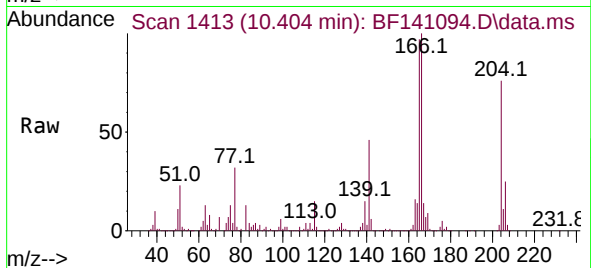




#61  
4-Chlorophenyl-phenylether  
Concen: 51.886 ng  
RT: 10.404 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

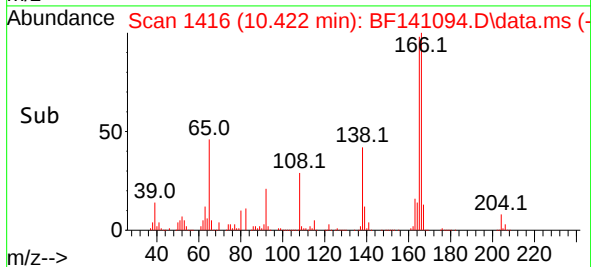
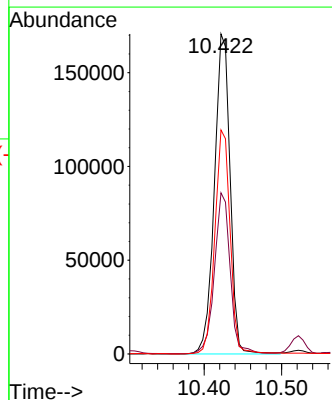
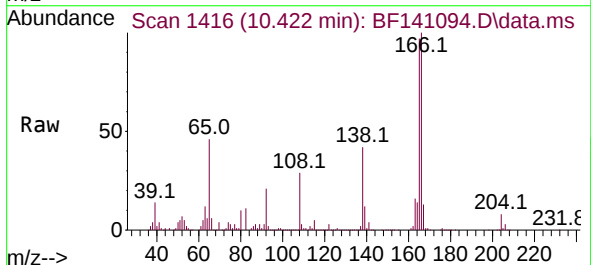
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

Tgt Ion:204 Resp: 561892  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.8 38.6  
141 61.2 51.2 76.8



#62  
4-Nitroaniline  
Concen: 46.273 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:138 Resp: 240309  
Ion Ratio Lower Upper  
138 100  
92 50.4 34.8 74.8  
108 70.0 55.9 95.9

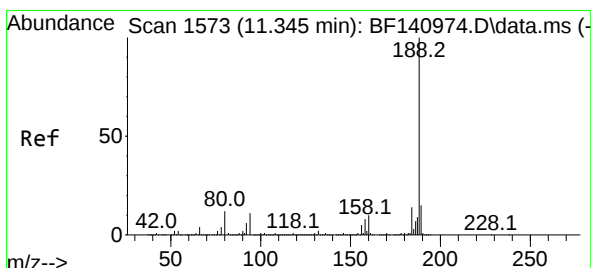
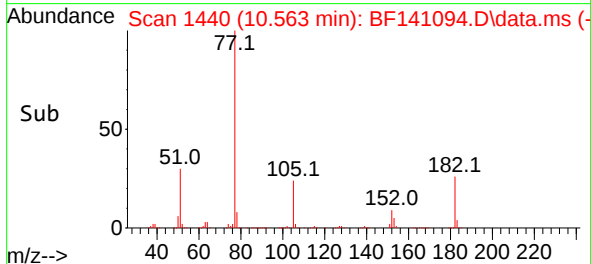
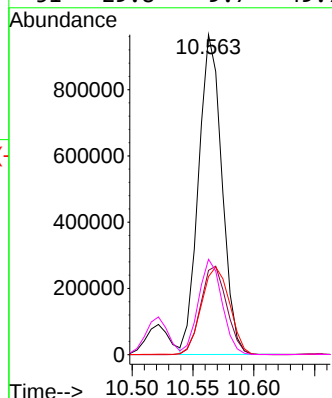
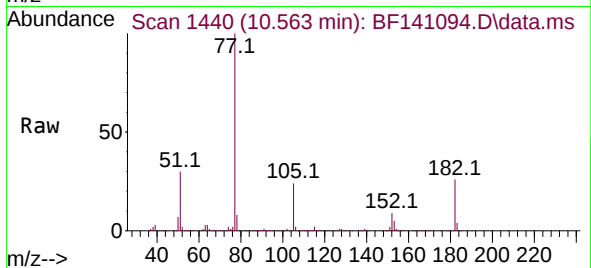




#63  
Azobenzene  
Concen: 52.925 ng  
RT: 10.563 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

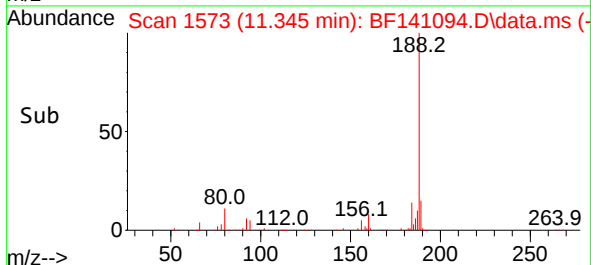
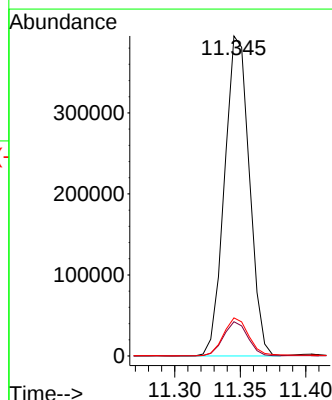
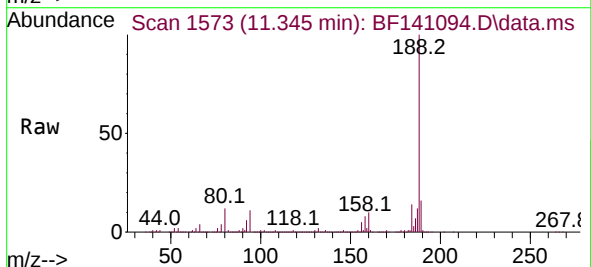
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

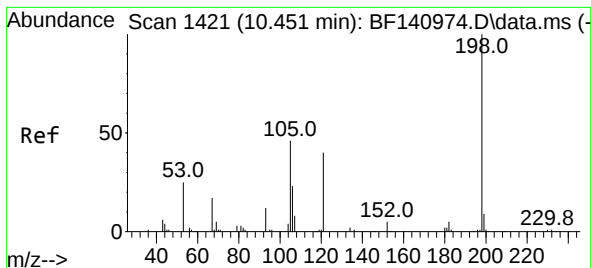
Tgt Ion: 77 Resp: 1289052  
Ion Ratio Lower Upper  
77 100  
182 26.3 4.1 44.1  
105 24.4 1.8 41.8  
51 29.8 9.7 49.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.345 min Scan# 1573  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion: 188 Resp: 519785  
Ion Ratio Lower Upper  
188 100  
94 10.7 9.0 13.6  
80 11.9 9.8 14.6

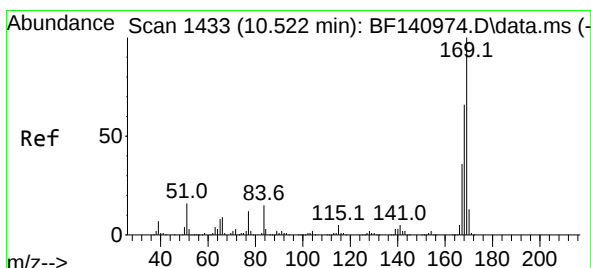
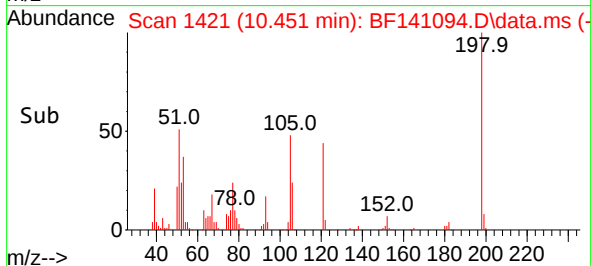
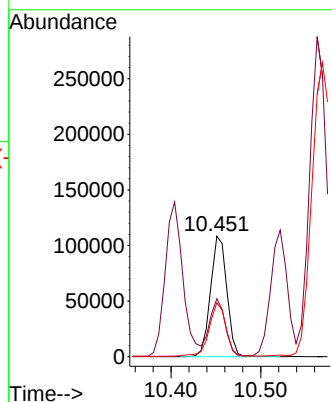
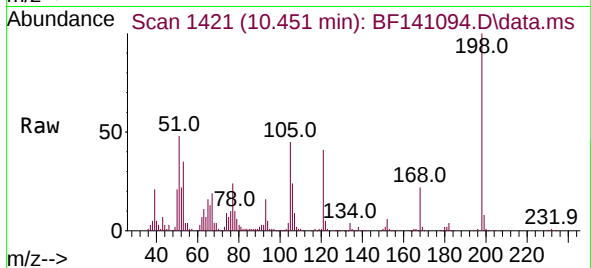




#65  
4,6-Dinitro-2-methylphenol  
Concen: 62.637 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

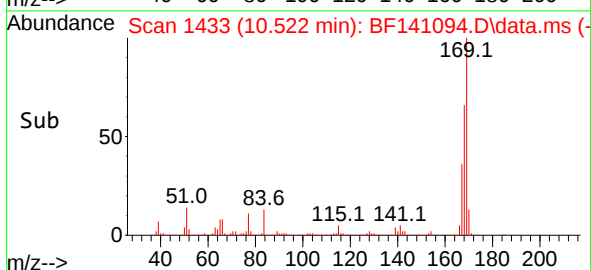
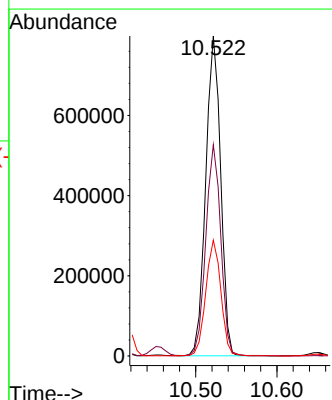
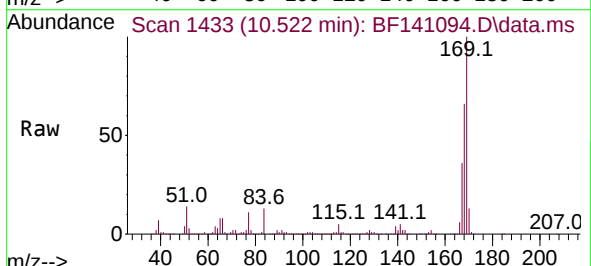
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

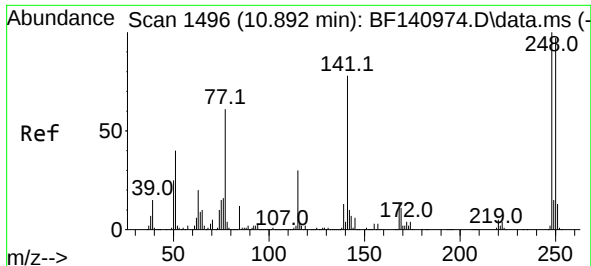
Tgt Ion:198 Resp: 137144  
Ion Ratio Lower Upper  
198 100  
51 48.1 32.3 72.3  
105 44.8 28.4 68.4



#66  
n-Nitrosodiphenylamine  
Concen: 62.086 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:169 Resp: 1016227  
Ion Ratio Lower Upper  
169 100  
168 66.0 52.6 79.0  
167 36.2 29.0 43.4

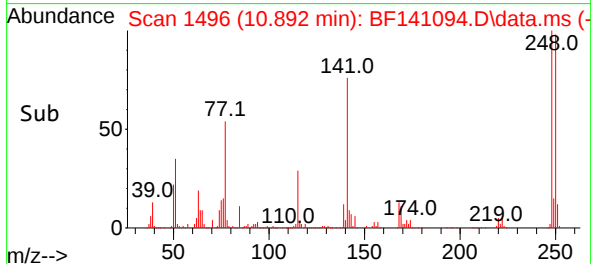
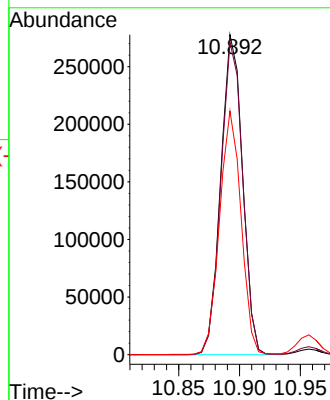
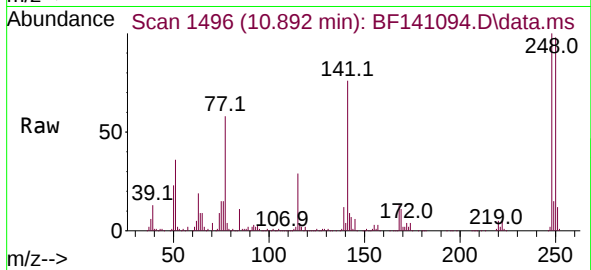




#67  
4-Bromophenyl-phenylether  
Concen: 61.652 ng  
RT: 10.892 min Scan# 1496  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

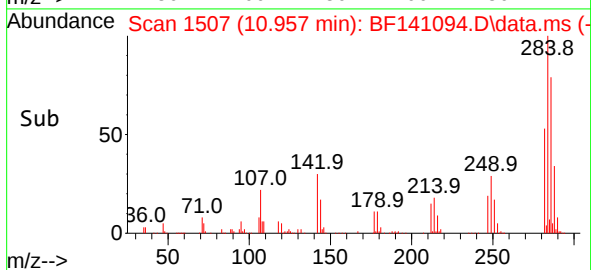
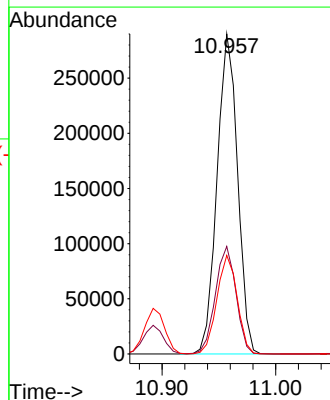
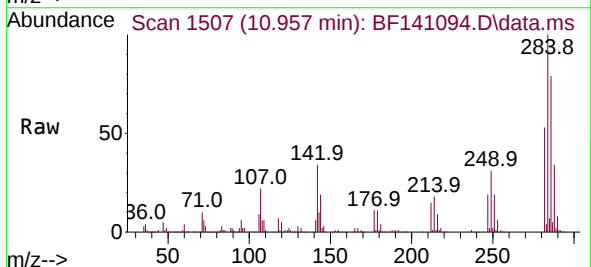
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

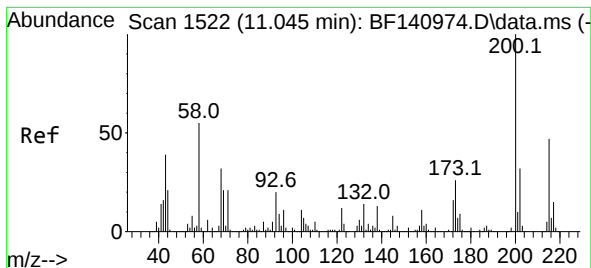
Tgt Ion:248 Resp: 346418  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.7 116.5  
141 76.2 62.1 93.1



#68  
Hexachlorobenzene  
Concen: 58.755 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:284 Resp: 364035  
Ion Ratio Lower Upper  
284 100  
142 33.6 27.1 40.7  
249 30.8 25.1 37.7





#69

Atrazine

Concen: 70.499 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

Instrument :

BNA\_F

ClientSampleId :

GREENBROOK-COMPMSD

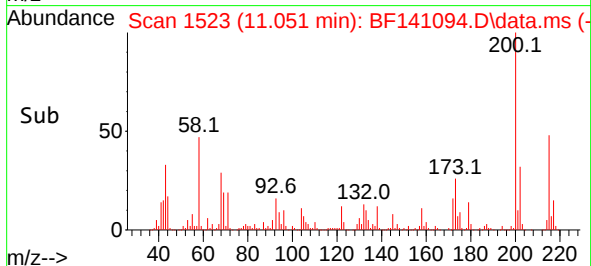
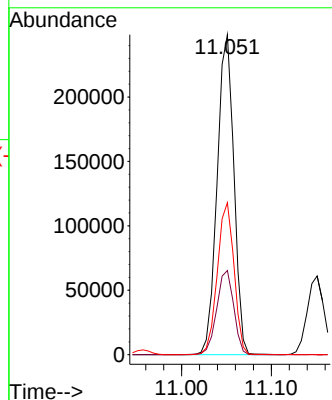
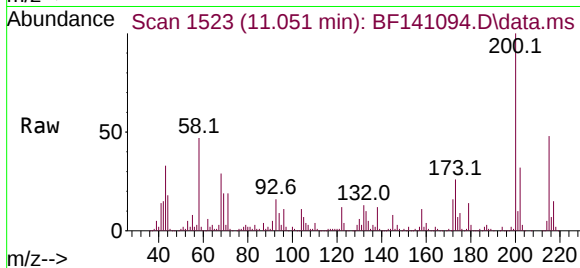
Tgt Ion:200 Resp: 322370

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 47.5 27.2 67.2



#70

Pentachlorophenol

Concen: 113.552 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

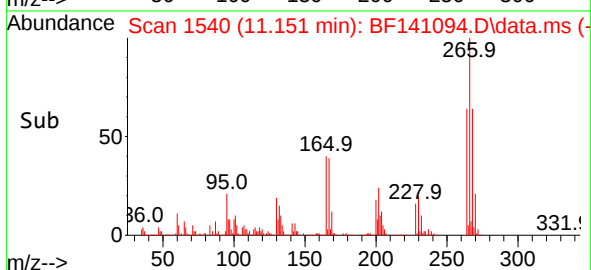
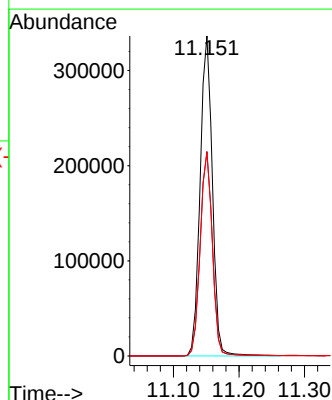
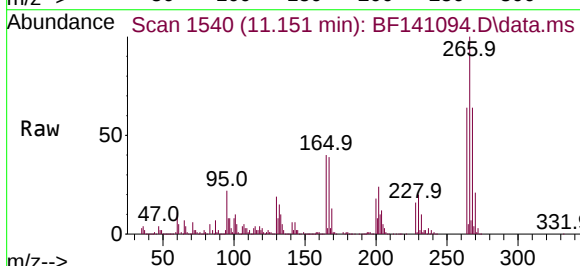
Tgt Ion:266 Resp: 438032

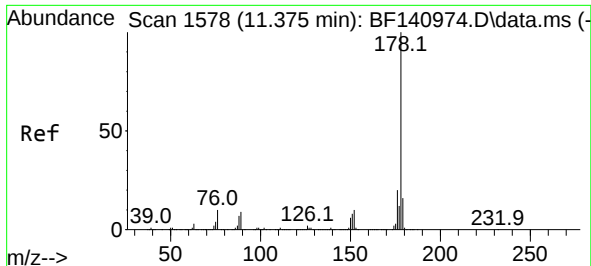
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 63.6 50.2 75.4

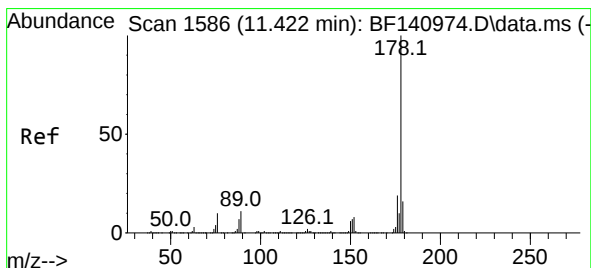
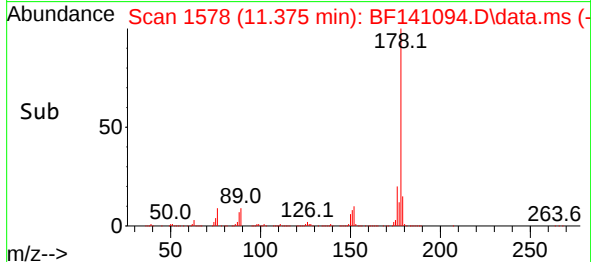
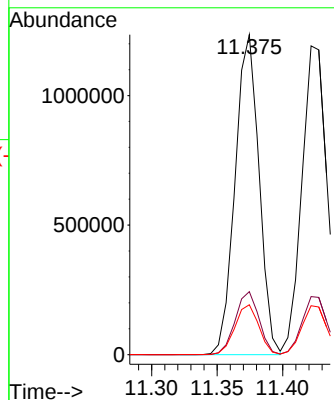
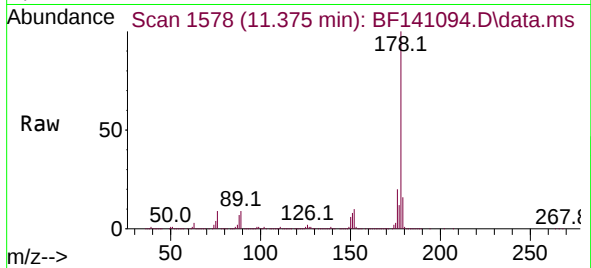




#71  
Phenanthrene  
Concen: 57.275 ng  
RT: 11.375 min Scan# 1578  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

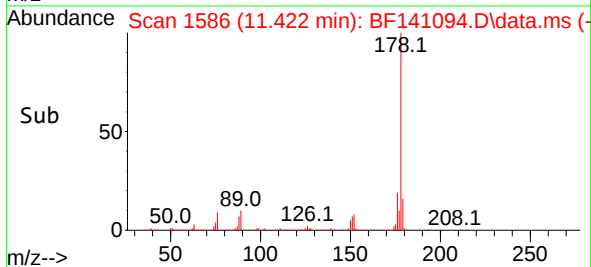
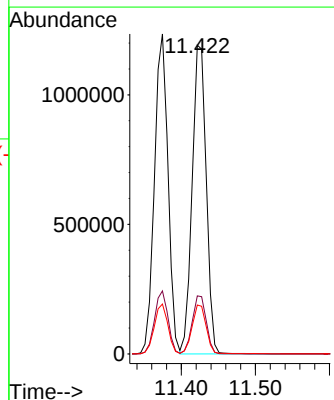
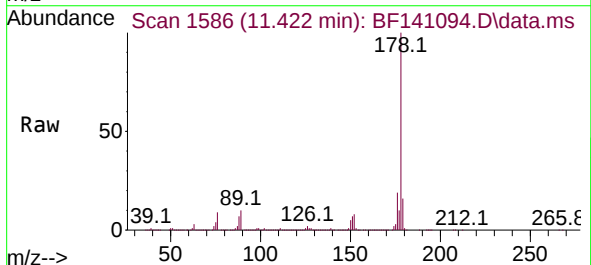
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

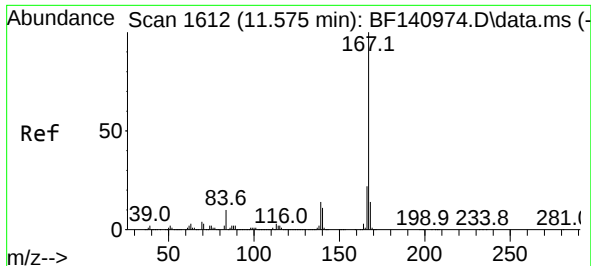
Tgt Ion:178 Resp: 1566872  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.8 23.6  
179 15.6 12.6 19.0



#72  
Anthracene  
Concen: 58.690 ng  
RT: 11.422 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:178 Resp: 1573252  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.3 22.9  
179 15.9 12.9 19.3

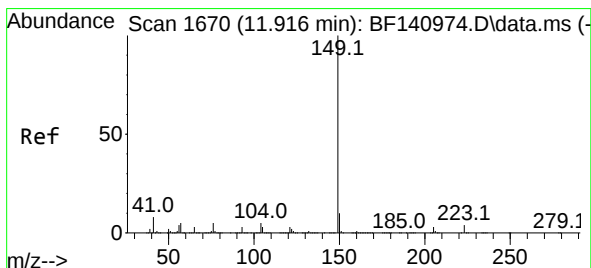
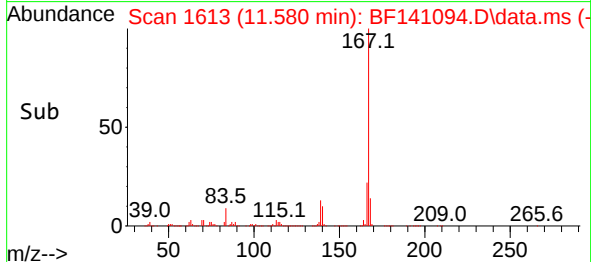
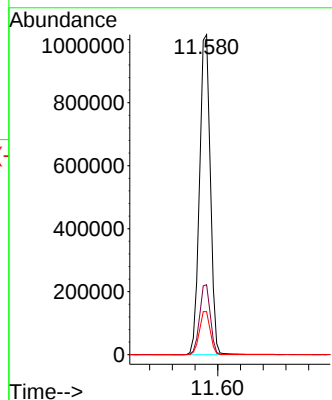
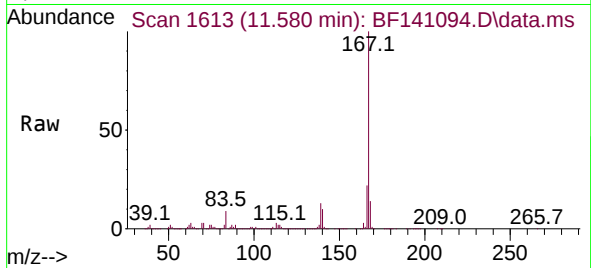




#73  
Carbazole  
Concen: 52.243 ng  
RT: 11.580 min Scan# 1612  
Delta R.T. 0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

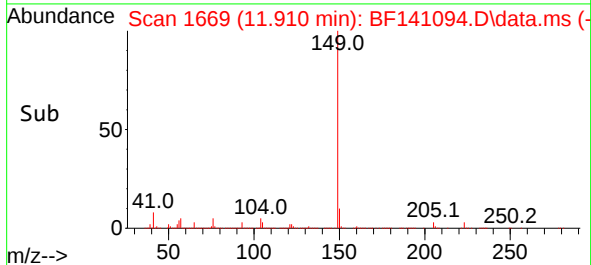
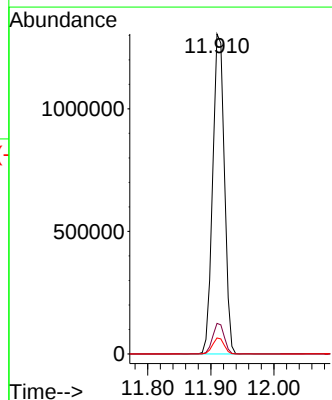
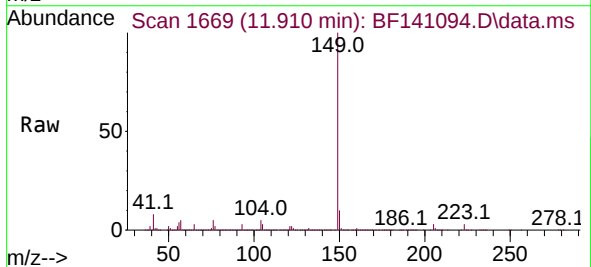
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

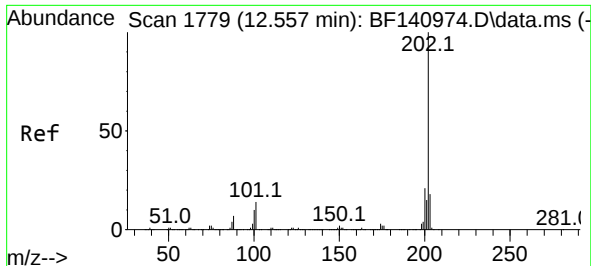
Tgt Ion:167 Resp: 1346259  
Ion Ratio Lower Upper  
167 100  
166 21.9 17.5 26.3  
139 13.4 11.0 16.4



#74  
Di-n-butylphthalate  
Concen: 57.216 ng  
RT: 11.910 min Scan# 1669  
Delta R.T. -0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:149 Resp: 1677006  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.7 11.5  
104 5.0 4.1 6.1

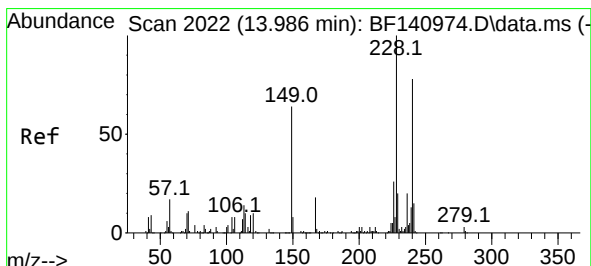
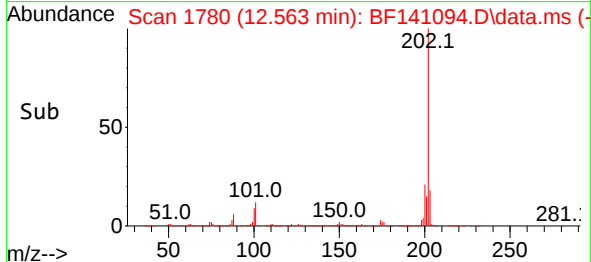
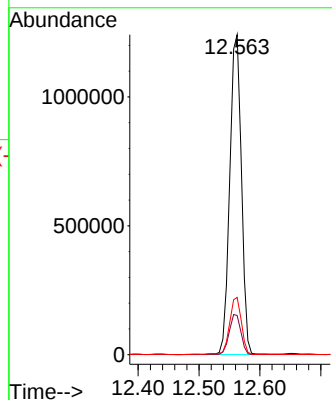
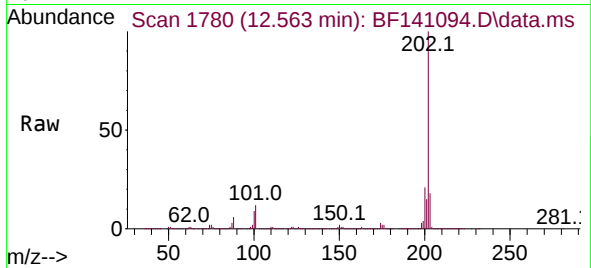




#75  
Fluoranthene  
Concen: 55.441 ng  
RT: 12.563 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

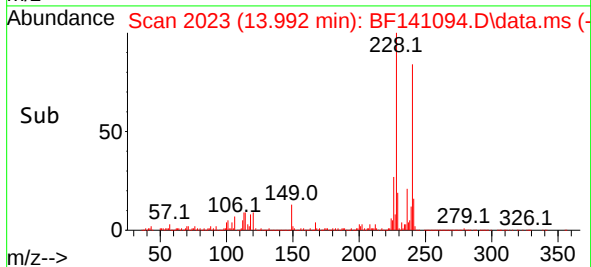
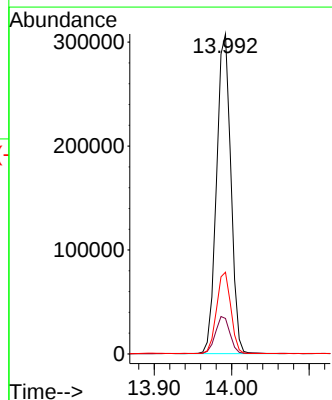
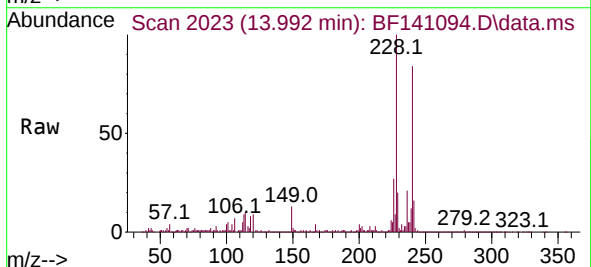
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

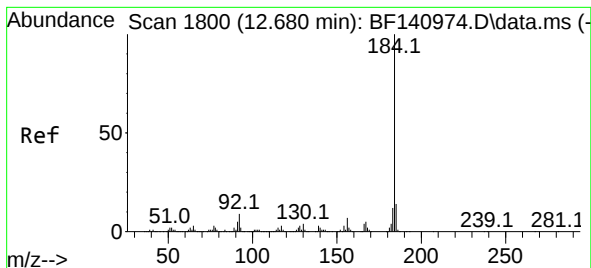
Tgt Ion:202 Resp: 1644938  
Ion Ratio Lower Upper  
202 100  
101 12.2 0.0 33.7  
203 17.9 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.992 min Scan# 2023  
Delta R.T. 0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:240 Resp: 392943  
Ion Ratio Lower Upper  
240 100  
120 11.1 10.7 16.1  
236 25.6 20.6 31.0





#77

Benzidine

Concen: 55.961 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

Instrument :

BNA\_F

ClientSampleId :

GREENBROOK-COMPMSD

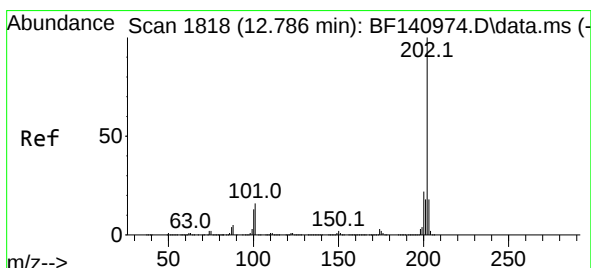
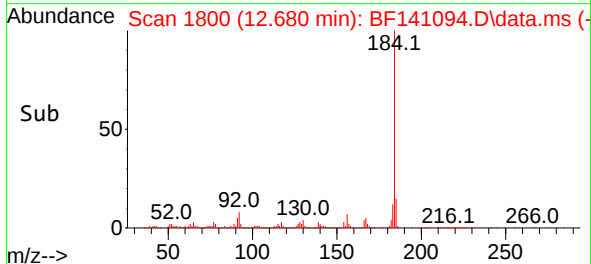
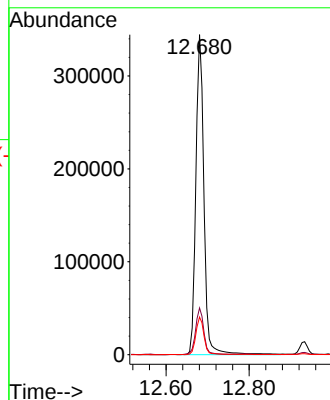
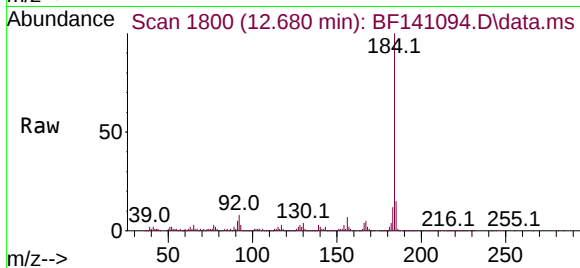
Tgt Ion:184 Resp: 464726

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 11.8 9.4 14.0



#78

Pyrene

Concen: 50.044 ng

RT: 12.792 min Scan# 1819

Delta R.T. 0.006 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

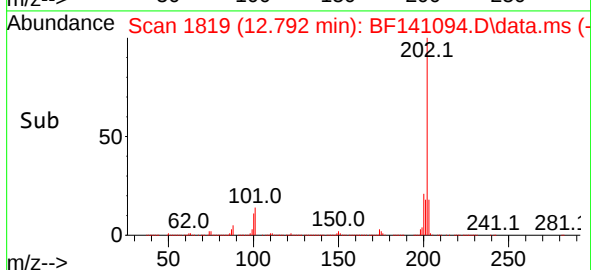
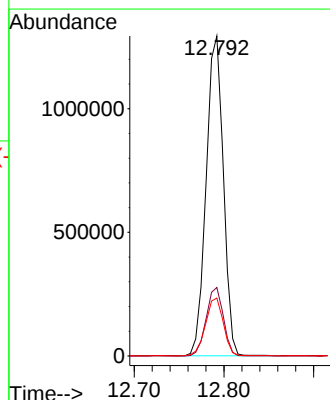
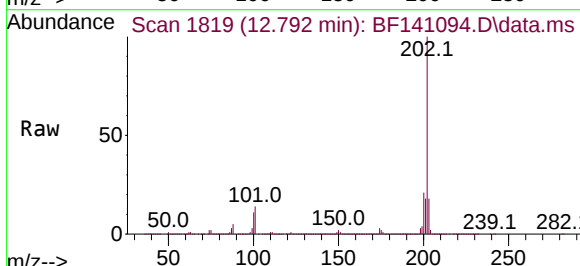
Tgt Ion:202 Resp: 1719798

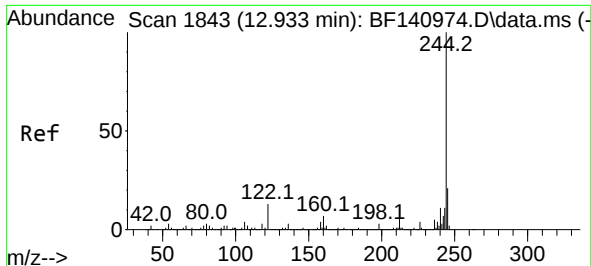
Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 18.1 14.6 21.8

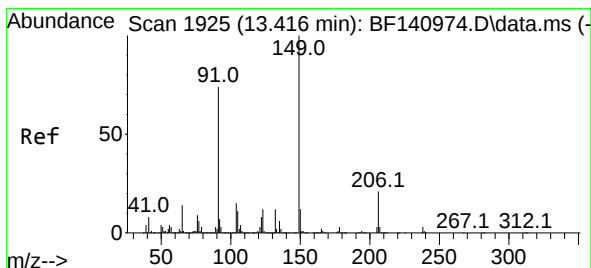
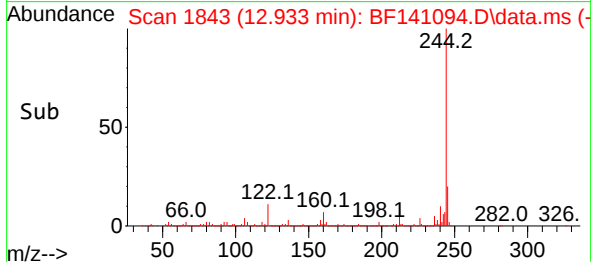
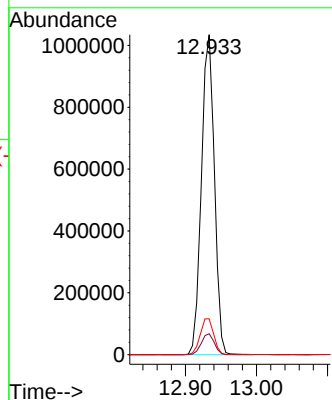
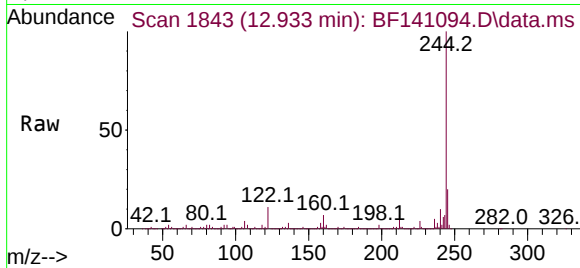




#79  
 Terphenyl-d14  
 Concen: 55.724 ng  
 RT: 12.933 min Scan# 1843  
 Delta R.T. -0.000 min  
 Lab File: BF141094.D  
 Acq: 08 Jan 2025 19:49

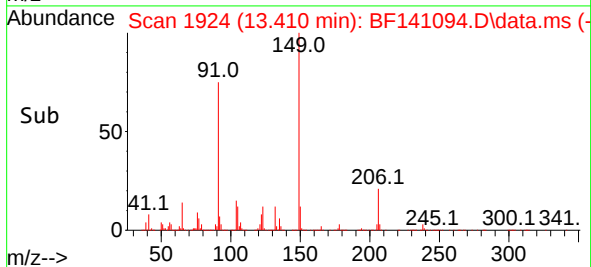
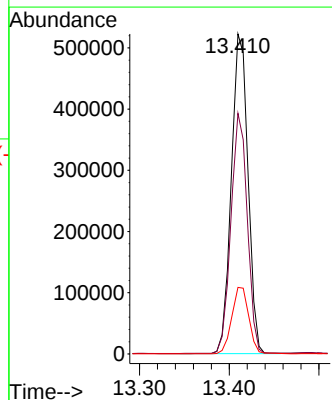
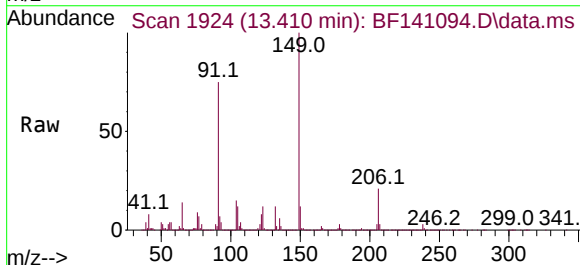
Instrument :  
 BNA\_F  
 ClientSampleId :  
 GREENBROOK-COMPMSD

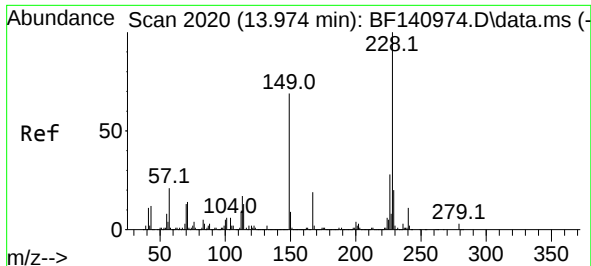
Tgt Ion:244 Resp: 1318270  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.7 8.5  
 122 11.2 10.2 15.2



#80  
 Butylbenzylphthalate  
 Concen: 53.461 ng  
 RT: 13.410 min Scan# 1924  
 Delta R.T. -0.006 min  
 Lab File: BF141094.D  
 Acq: 08 Jan 2025 19:49

Tgt Ion:149 Resp: 670872  
 Ion Ratio Lower Upper  
 149 100  
 91 75.2 59.5 89.3  
 206 20.8 17.1 25.7

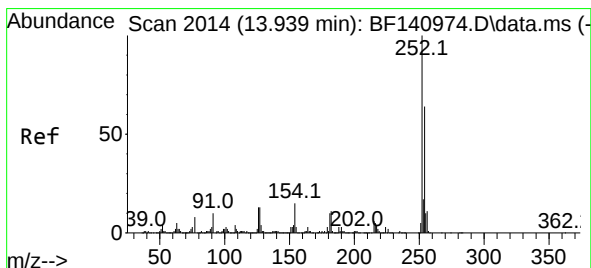
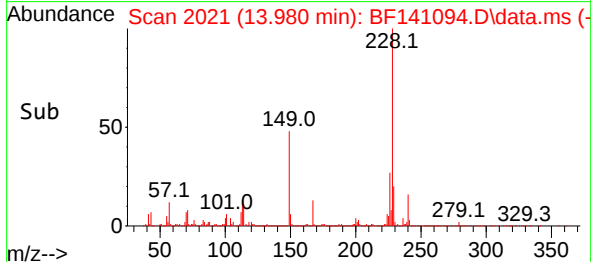
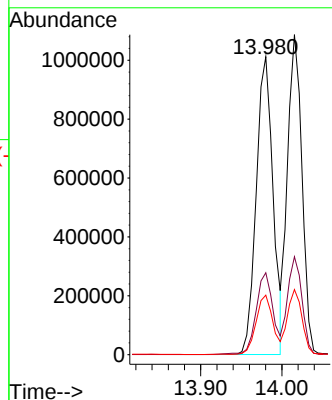
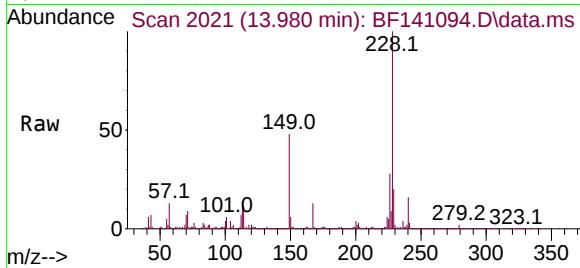




#81  
Benzo(a)anthracene  
Concen: 53.251 ng  
RT: 13.980 min Scan# 2020  
Delta R.T. 0.006 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

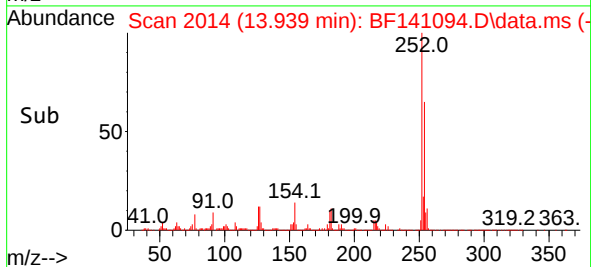
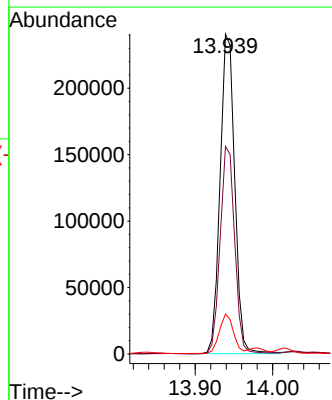
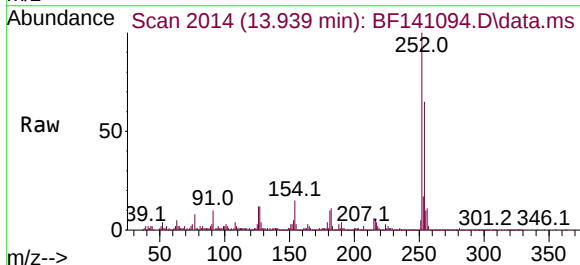
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

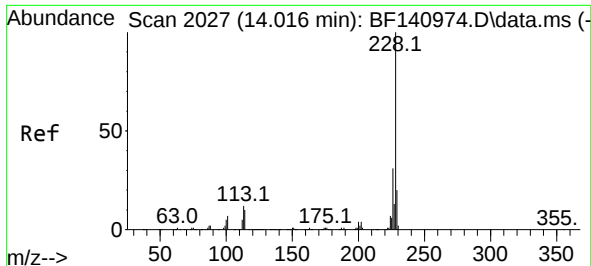
Tgt Ion:228 Resp: 1458320  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.1 33.1  
229 20.0 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 38.355 ng  
RT: 13.939 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:252 Resp: 315584  
Ion Ratio Lower Upper  
252 100  
254 64.8 51.5 77.3  
126 12.4 10.3 15.5

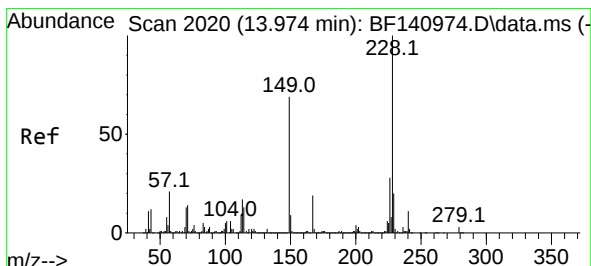
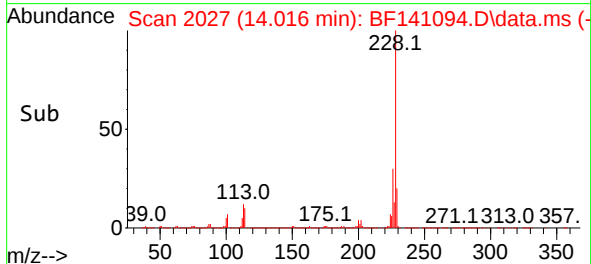
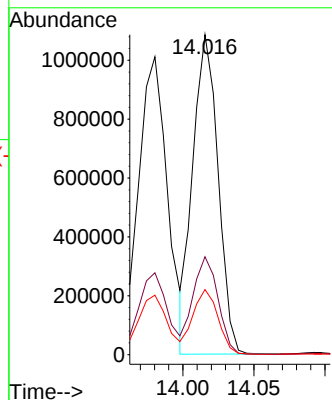
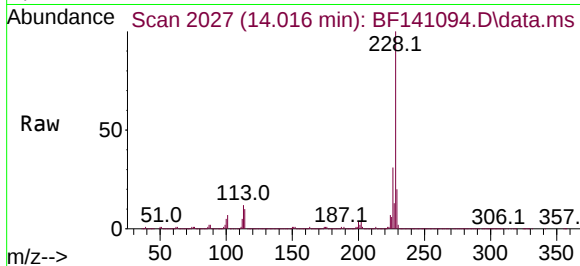




#83  
Chrysene  
Concen: 54.213 ng  
RT: 14.016 min Scan# 2027  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

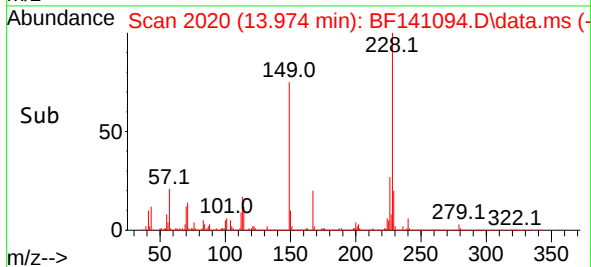
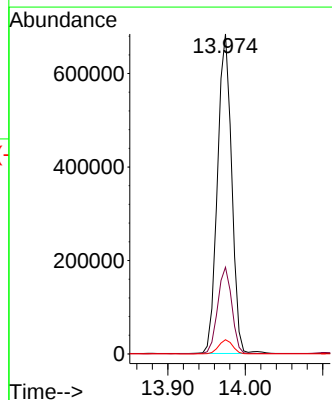
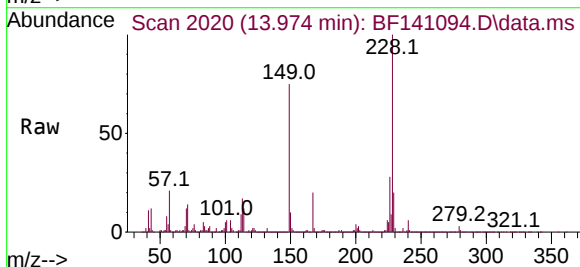
Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

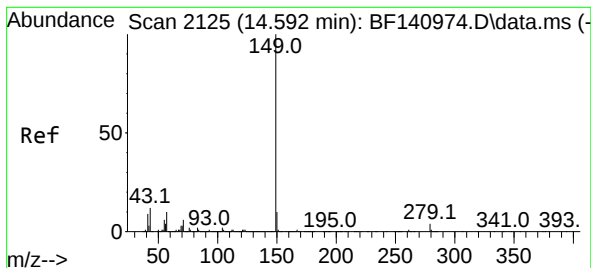
Tgt Ion:228 Resp: 1338370  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.5 36.7  
229 20.4 16.2 24.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 53.428 ng  
RT: 13.974 min Scan# 2020  
Delta R.T. -0.000 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:149 Resp: 869677  
Ion Ratio Lower Upper  
149 100  
167 27.1 21.6 32.4  
279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 62.797 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

Instrument :

BNA\_F

ClientSampleId :

GREENBROOK-COMPMSD

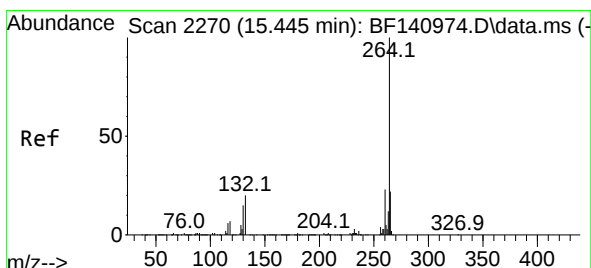
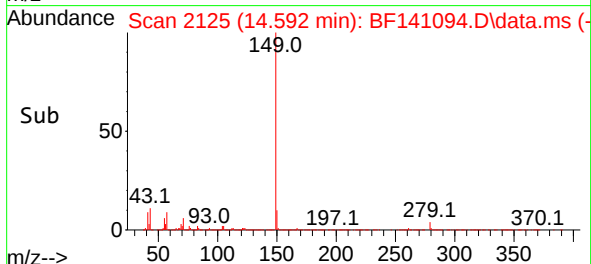
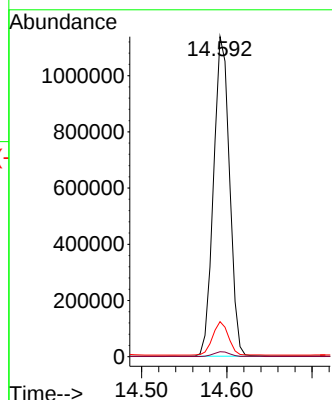
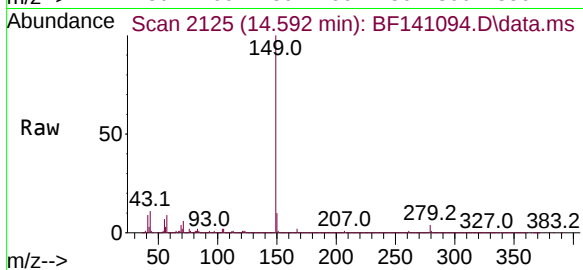
Tgt Ion:149 Resp: 1479459

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 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: BF141094.D

Acq: 08 Jan 2025 19:49

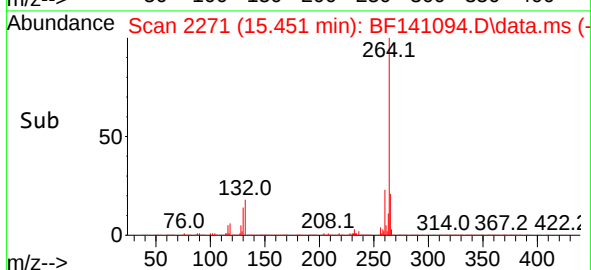
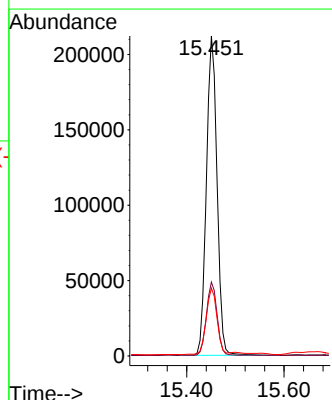
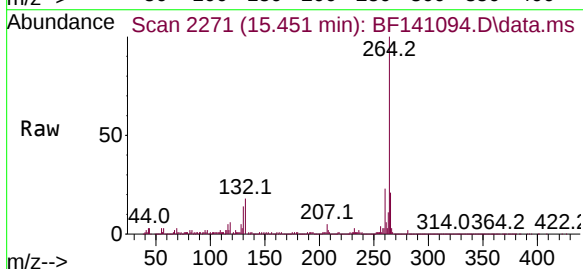
Tgt Ion:264 Resp: 319792

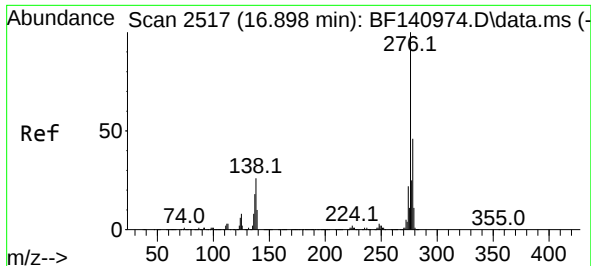
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.2 17.4 26.2

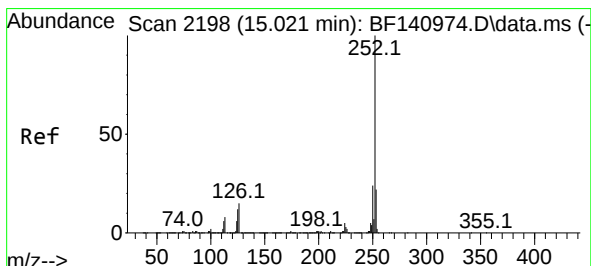
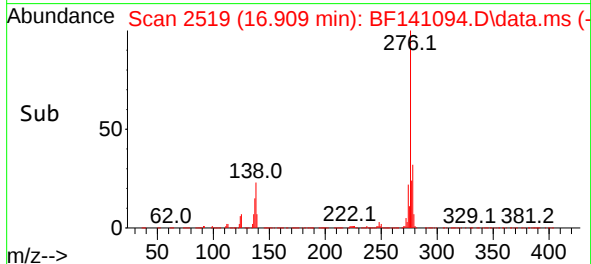
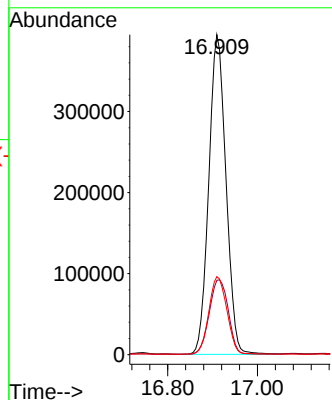
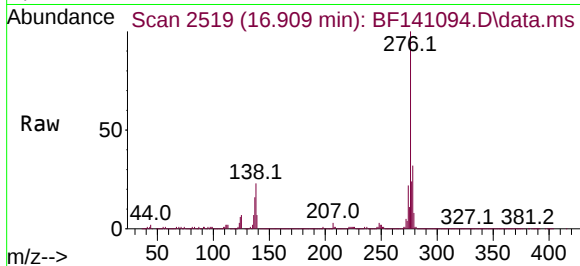




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 52.091 ng  
 RT: 16.909 min Scan# 2199  
 Delta R.T. 0.012 min  
 Lab File: BF141094.D  
 Acq: 08 Jan 2025 19:49

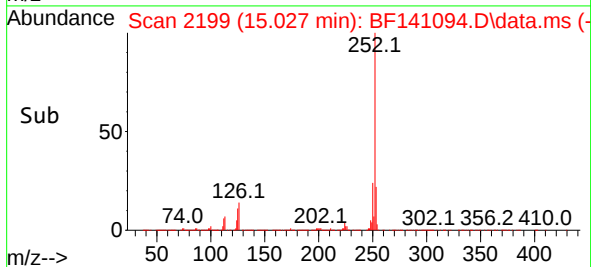
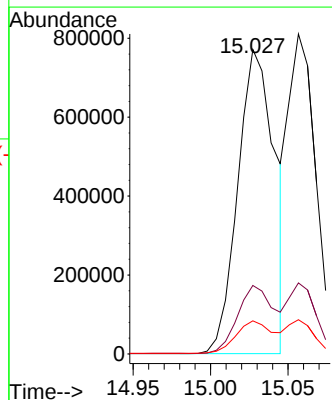
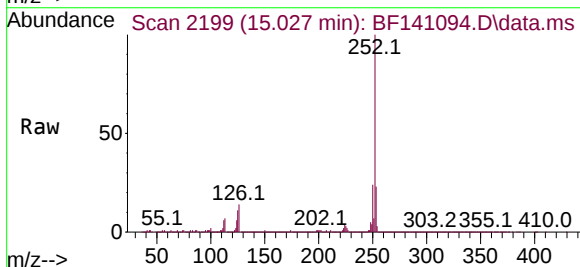
Instrument :  
 BNA\_F  
 ClientSampleId :  
 GREENBROOK-COMPMSD

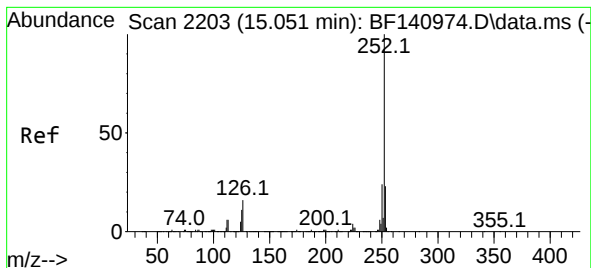
Tgt Ion:276 Resp: 1049502  
 Ion Ratio Lower Upper  
 276 100  
 138 25.8 23.1 34.7  
 277 25.6 20.4 30.6



#88  
 Benzo(b)fluoranthene  
 Concen: 57.243 ng  
 RT: 15.027 min Scan# 2199  
 Delta R.T. 0.006 min  
 Lab File: BF141094.D  
 Acq: 08 Jan 2025 19:49

Tgt Ion:252 Resp: 1276736  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 17.7 26.5  
 125 10.9 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 56.787 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

Instrument :

BNA\_F

ClientSampleId :

GREENBROOK-COMPMSD

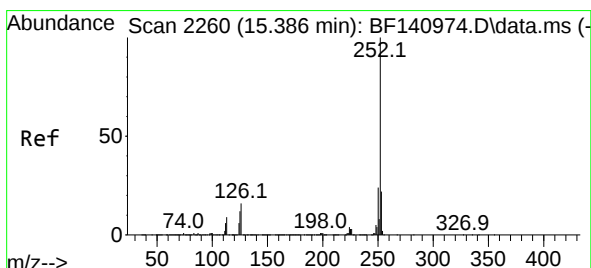
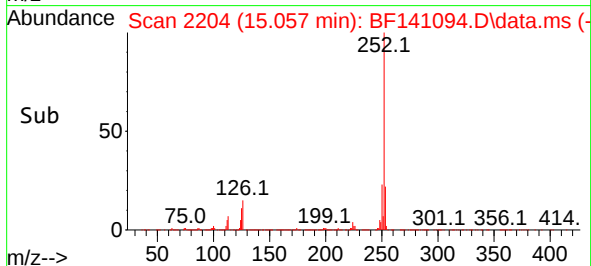
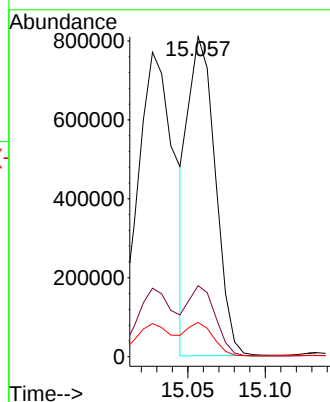
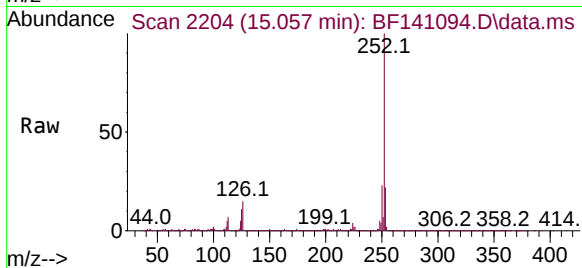
Tgt Ion:252 Resp: 992672

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.7 9.4 14.0



#90

Benzo(a)pyrene

Concen: 59.729 ng

RT: 15.392 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF141094.D

Acq: 08 Jan 2025 19:49

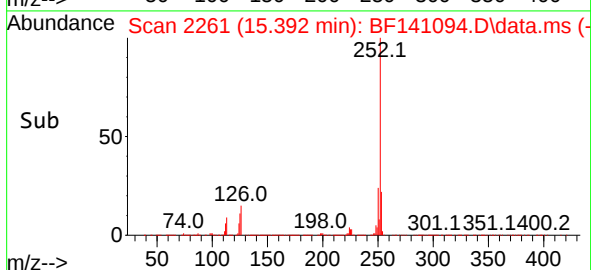
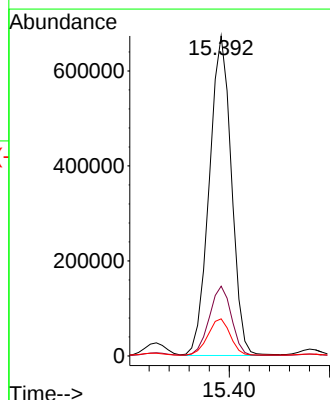
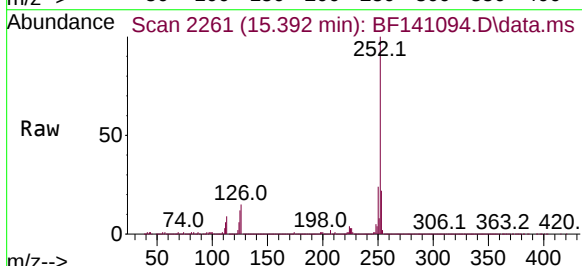
Tgt Ion:252 Resp: 1034004

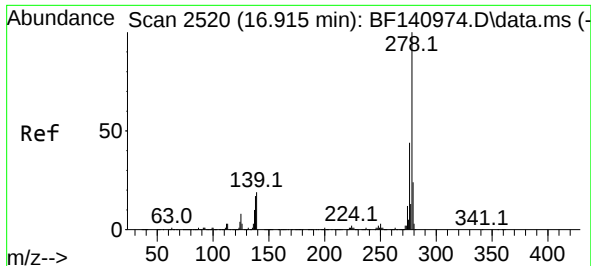
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 11.6 9.8 14.8

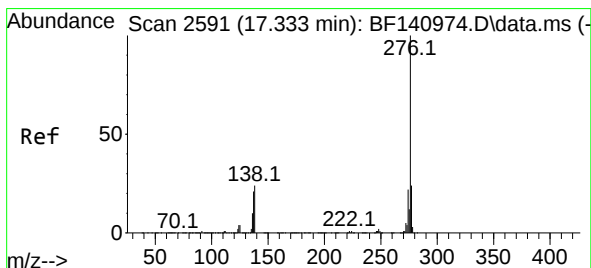
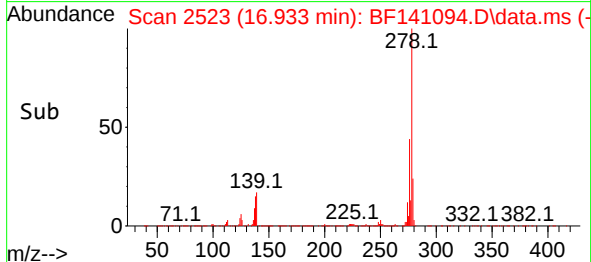
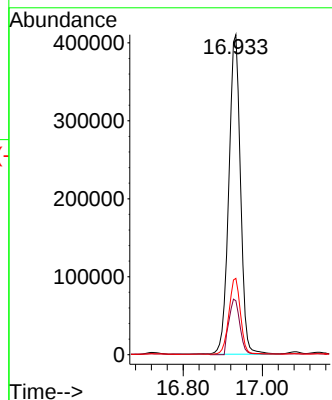
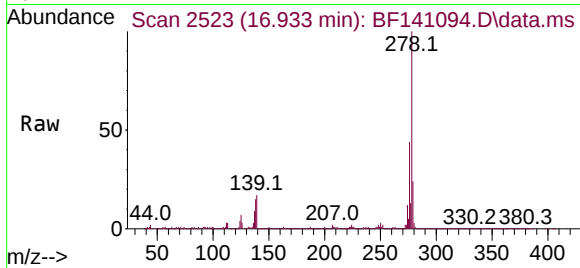




#91  
Dibenzo(a,h)anthracene  
Concen: 51.477 ng  
RT: 16.933 min Scan# 2520  
Delta R.T. 0.018 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Instrument :  
BNA\_F  
ClientSampleId :  
GREENBROOK-COMPMSD

Tgt Ion:278 Resp: 840714  
Ion Ratio Lower Upper  
278 100  
139 16.8 14.9 22.3  
279 23.8 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 45.938 ng  
RT: 17.351 min Scan# 2594  
Delta R.T. 0.018 min  
Lab File: BF141094.D  
Acq: 08 Jan 2025 19:49

Tgt Ion:276 Resp: 778148  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.0 28.4  
138 21.8 19.4 29.2

