

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050125\  
 Data File : BF142255.D  
 Acq On : 01 May 2025 12:39  
 Operator : RC/JU  
 Sample : PB167810BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167810BS

Quant Time: May 01 13:05:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 30 16:00:01 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.910  | 152  | 228833   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.192  | 136  | 892782   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.945  | 164  | 472284   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.433 | 188  | 804874   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.074 | 240  | 464382   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.568 | 264  | 446826   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 1593182  | 111.191 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.528  | 99   | 1946714  | 112.510 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.469  | 82   | 1119930  | 82.412  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.739 | 330  | 568456   | 132.029 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 2294519  | 68.501  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.021 | 244  | 2366082  | 74.104  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.798  | 88   | 217494   | 33.987  | ng    | 98       |
| 3) Pyridine                   | 3.551  | 79   | 618200   | 37.171  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.504  | 42   | 358234   | 41.623  | ng    | 99       |
| 6) Aniline                    | 6.569  | 93   | 471322   | 19.245  | ng    | 100      |
| 8) 2-Chlorophenol             | 6.692  | 128  | 631635   | 42.661  | ng    | 99       |
| 9) Benzaldehyde               | 6.457  | 77   | 305773   | 25.285  | ng    | 98       |
| 10) Phenol                    | 6.545  | 94   | 778120   | 41.773  | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.639  | 93   | 588988   | 40.804  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.851  | 146  | 659968   | 39.402  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.928  | 146  | 667827   | 39.574  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.075  | 146  | 650967   | 40.407  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.045  | 79   | 515024   | 41.969  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.181  | 45   | 1072194  | 41.135  | ng    | 100      |
| 17) 2-Methylphenol            | 7.151  | 107  | 497856   | 41.046  | ng    | 99       |
| 18) Hexachloroethane          | 7.422  | 117  | 231050   | 41.832  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.322  | 70   | 427592   | 39.992  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.304  | 107  | 618253   | 40.760  | ng    | 92       |
| 22) Acetophenone              | 7.316  | 105  | 826671   | 40.025  | ng    | 99       |
| 24) Nitrobenzene              | 7.492  | 77   | 610784   | 45.807  | ng    | 99       |
| 25) Isophorone                | 7.728  | 82   | 1177064  | 41.271  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.804  | 139  | 256947   | 46.237  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.839  | 122  | 602302   | 41.886  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.939  | 93   | 734241   | 40.821  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 518664   | 43.143  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.128  | 180  | 544203   | 40.565  | ng    | 99       |
| 31) Naphthalene               | 8.216  | 128  | 1769061  | 39.733  | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 286918   | 43.299  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 82158    | 4.431   | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.328  | 225  | 324756   | 41.492  | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 85186    | 23.574  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.733  | 107  | 523494   | 42.406  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.904  | 142  | 1090096  | 39.822  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.004  | 142  | 1143793  | 40.333  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.069  | 216  | 524634   | 39.471  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.057  | 237  | 668416   | 88.607  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 357651   | 43.423  | ng    | 99       |

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 ALS Vial : 7 Sample Multiplier: 1

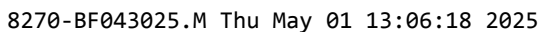
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167810BS

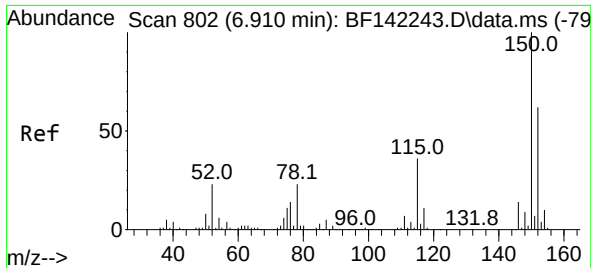
Quant Time: May 01 13:05:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 30 16:00:01 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.216  | 196  | 388570   | 44.872  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.369  | 154  | 1458088  | 39.713  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.392  | 162  | 1093139  | 40.017  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.486  | 65   | 321433   | 44.957  | ng    | 99       |
| 49) Acenaphthylene            | 9.810  | 152  | 1847757  | 40.085  | ng    | 100      |
| 50) Dimethylphthalate         | 9.669  | 163  | 1268421  | 41.981  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.727  | 165  | 263569   | 45.692  | ng    | 98       |
| 52) Acenaphthene              | 9.980  | 154  | 1164359  | 43.261  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.892  | 138  | 98911    | 16.287  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.998  | 184  | 196654   | 90.602  | ng    | # 18     |
| 55) Dibenzofuran              | 10.157 | 168  | 1606504  | 39.818  | ng    | 100      |
| 56) 4-Nitrophenol             | 10.045 | 139  | 484293   | 101.975 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.133 | 165  | 350987   | 49.818  | ng    | 98       |
| 58) Fluorene                  | 10.498 | 166  | 1221943  | 39.832  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.269 | 232  | 330098   | 46.019  | ng    | 99       |
| 60) Diethylphthalate          | 10.369 | 149  | 1267747  | 42.490  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204  | 585254   | 40.172  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 286425   | 44.888  | ng    | 99       |
| 63) Azobenzene                | 10.651 | 77   | 1208231  | 41.009  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198  | 126239   | 47.699  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.610 | 169  | 1104532  | 40.164  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.980 | 248  | 373384   | 41.655  | ng    | 98       |
| 68) Hexachlorobenzene         | 11.045 | 284  | 417991   | 41.636  | ng    | 100      |
| 69) Atrazine                  | 11.133 | 200  | 332195   | 45.827  | ng    | 98       |
| 70) Pentachlorophenol         | 11.233 | 266  | 495448   | 93.418  | ng    | 98       |
| 71) Phenanthrene              | 11.463 | 178  | 1740817  | 40.041  | ng    | 100      |
| 72) Anthracene                | 11.510 | 178  | 1786049  | 40.180  | ng    | 100      |
| 73) Carbazole                 | 11.663 | 167  | 1677441  | 41.368  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.998 | 149  | 1839790  | 45.113  | ng    | 100      |
| 75) Fluoranthene              | 12.645 | 202  | 1819275  | 42.331  | ng    | 99       |
| 77) Benzidine                 | 12.763 | 184  | 347980   | 17.635  | ng    | 98       |
| 78) Pyrene                    | 12.880 | 202  | 1803569  | 42.103  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 532587   | 45.667  | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.062 | 228  | 1330282  | 42.672  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.027 | 252  | 74664    | 8.154   | ng    | 98       |
| 83) Chrysene                  | 14.104 | 228  | 1152993  | 40.631  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.057 | 149  | 632694   | 39.646  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.674 | 149  | 1144596  | 39.690  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.080 | 276  | 1374940  | 42.010  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.127 | 252  | 1207610  | 43.510  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.156 | 252  | 1003805  | 39.540  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 1073003  | 42.227  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.098 | 278  | 1112811  | 41.894  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.539 | 276  | 1122234  | 42.026  | ng    | 99       |

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

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QLast Update : Wed Apr 30 16:00:01 2025  
Response via : Initial Calibration

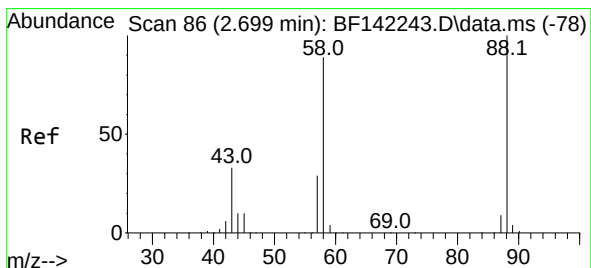
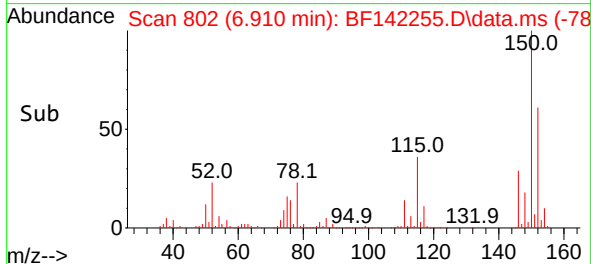
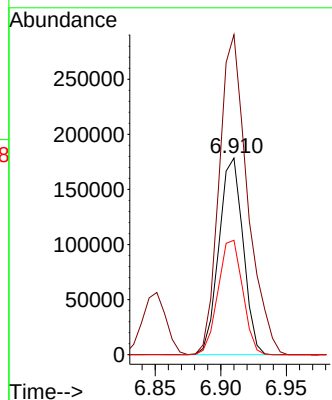
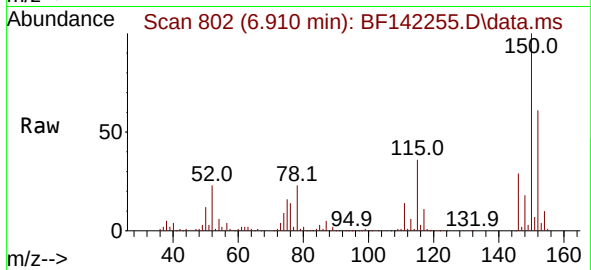




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.910 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: BF142255.D  
 Acq: 01 May 2025 12:39

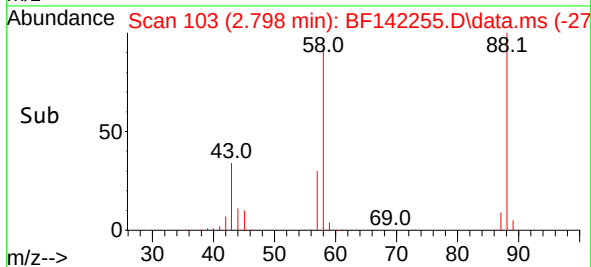
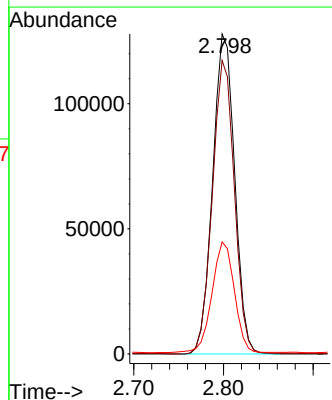
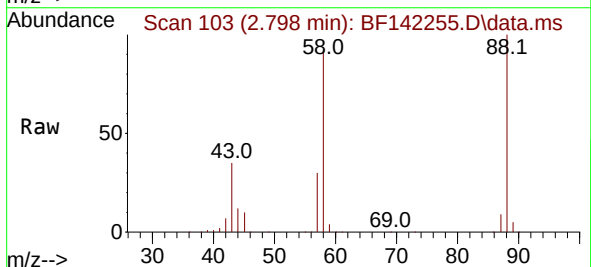
Instrument :  
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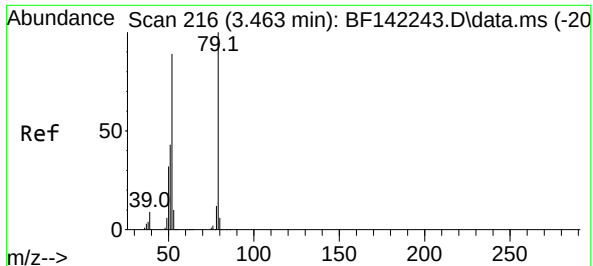
Tgt Ion:152 Resp: 228833  
 Ion Ratio Lower Upper  
 152 100  
 150 162.7 130.2 195.2  
 115 58.2 47.0 70.4



#2  
 1,4-Dioxane  
 Concen: 33.987 ng  
 RT: 2.798 min Scan# 103  
 Delta R.T. 0.100 min  
 Lab File: BF142255.D  
 Acq: 01 May 2025 12:39

Tgt Ion: 88 Resp: 217494  
 Ion Ratio Lower Upper  
 88 100  
 58 92.0 72.2 108.2  
 43 35.3 27.0 40.6

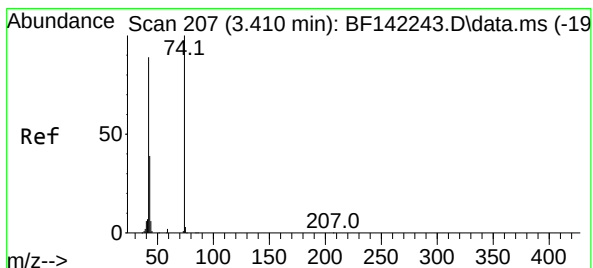
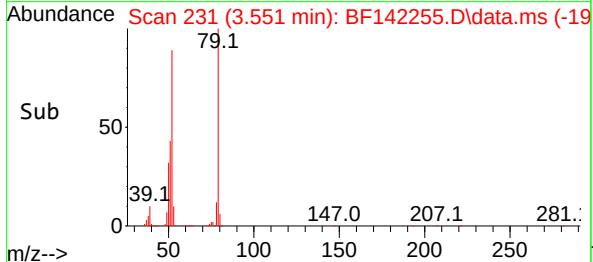
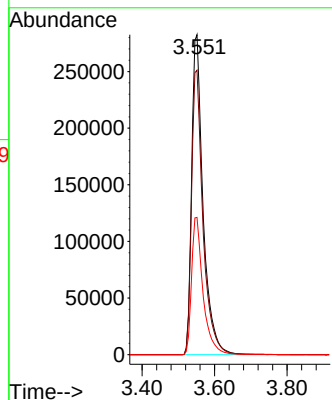
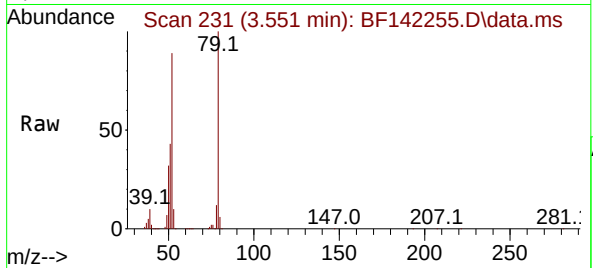




#3  
 Pyridine  
 Concen: 37.171 ng  
 RT: 3.551 min Scan# 216  
 Delta R.T. 0.088 min  
 Lab File: BF142255.D  
 Acq: 01 May 2025 12:39

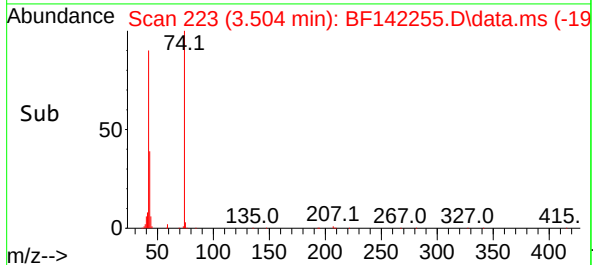
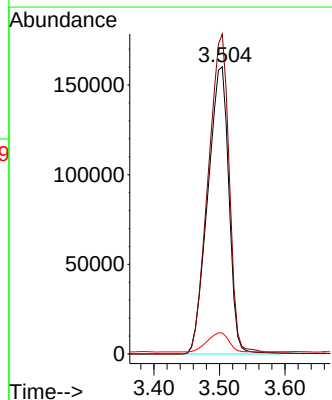
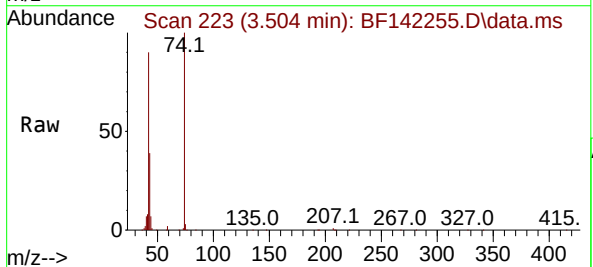
Instrument :  
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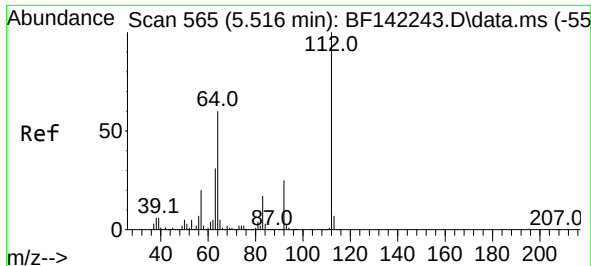
Tgt Ion: 79 Resp: 618200  
 Ion Ratio Lower Upper  
 79 100  
 52 88.9 71.5 107.3  
 51 42.9 34.5 51.7



#4  
 n-Nitrosodimethylamine  
 Concen: 41.623 ng  
 RT: 3.504 min Scan# 223  
 Delta R.T. 0.094 min  
 Lab File: BF142255.D  
 Acq: 01 May 2025 12:39

Tgt Ion: 42 Resp: 358234  
 Ion Ratio Lower Upper  
 42 100  
 74 111.4 89.5 134.3  
 44 7.3 6.6 9.8

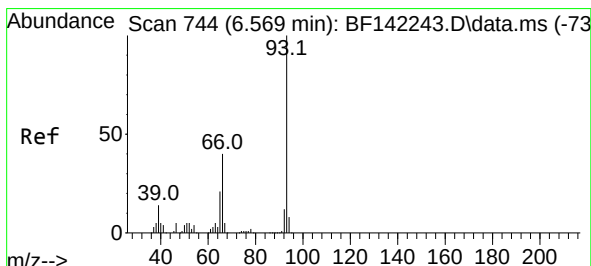
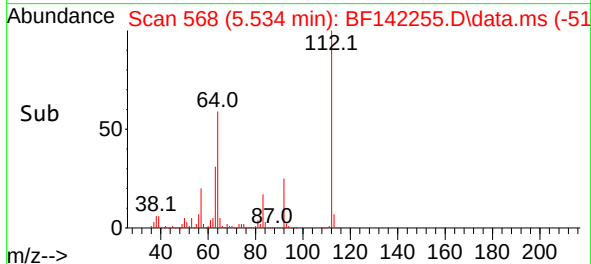
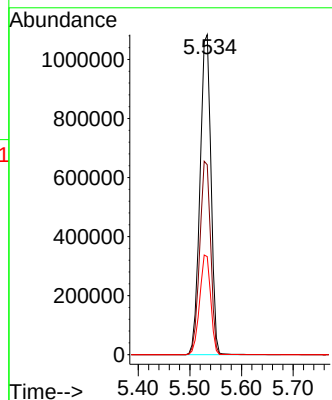
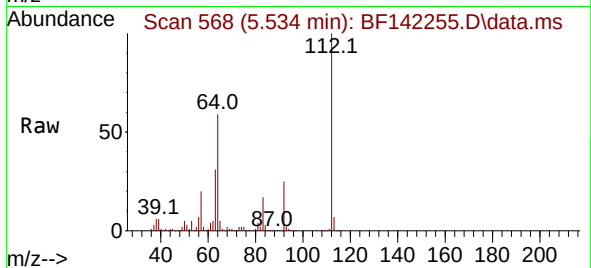




#5  
2-Fluorophenol  
Concen: 111.191 ng  
RT: 5.534 min Scan# 501  
Delta R.T. 0.017 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

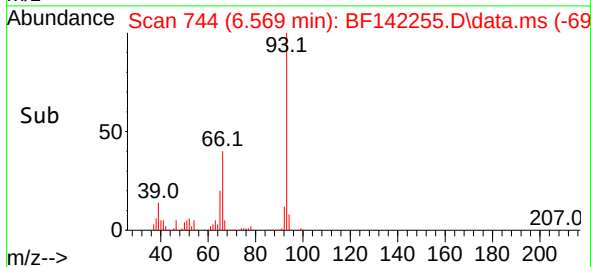
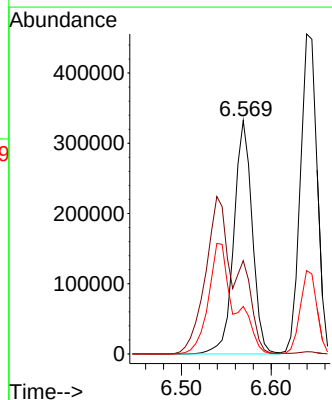
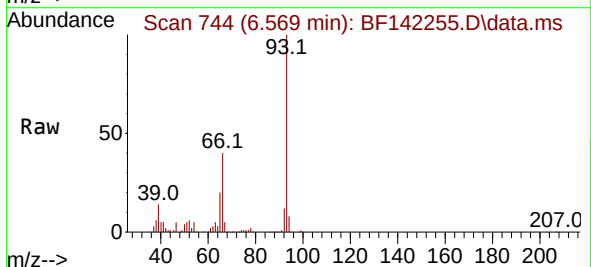
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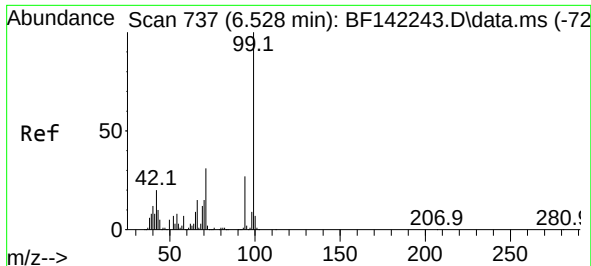
Tgt Ion:112 Resp: 1593182  
Ion Ratio Lower Upper  
112 100  
64 59.3 48.4 72.6  
63 30.6 24.8 37.2



#6  
Aniline  
Concen: 19.245 ng  
RT: 6.569 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
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Tgt Ion: 93 Resp: 471322  
Ion Ratio Lower Upper  
93 100  
66 39.9 32.1 48.1  
65 20.4 16.6 24.8

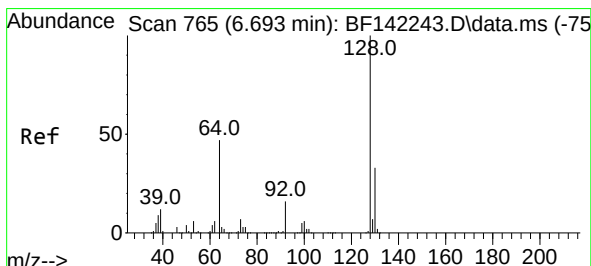
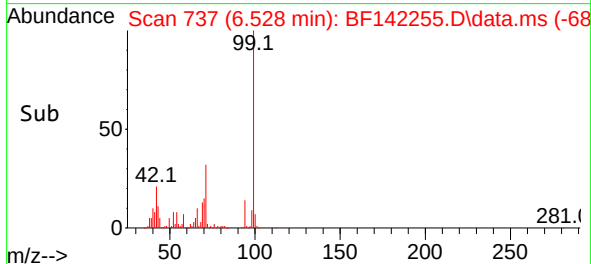
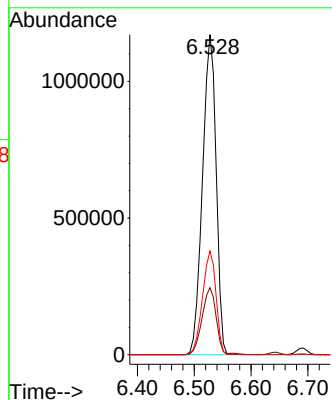
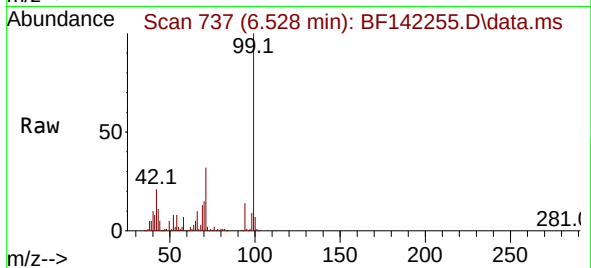




#7  
Phenol-d6  
Concen: 112.510 ng  
RT: 6.528 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

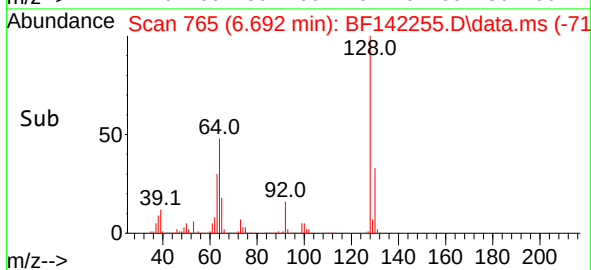
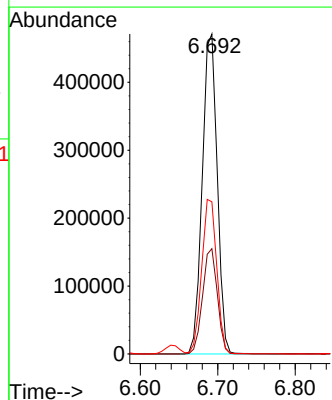
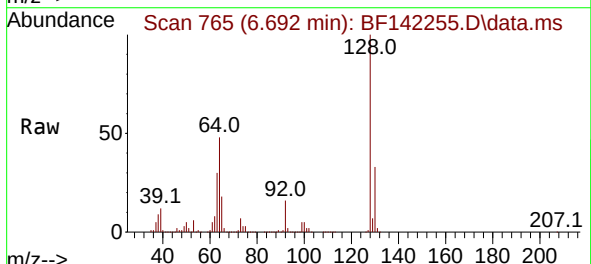
Instrument :  
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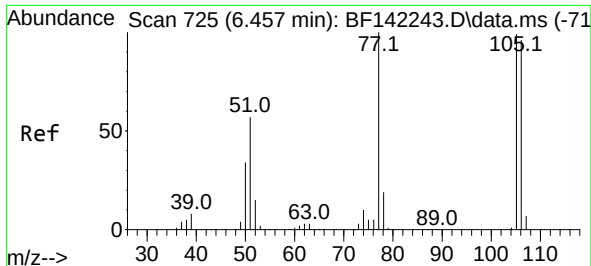
Tgt Ion: 99 Resp: 1946714  
Ion Ratio Lower Upper  
99 100  
42 21.0 16.3 24.5  
71 32.4 25.0 37.4



#8  
2-Chlorophenol  
Concen: 42.661 ng  
RT: 6.692 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:128 Resp: 631635  
Ion Ratio Lower Upper  
128 100  
130 32.9 13.1 53.1  
64 47.6 28.6 68.6





#9

Benzaldehyde

Concen: 25.285 ng

RT: 6.457 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

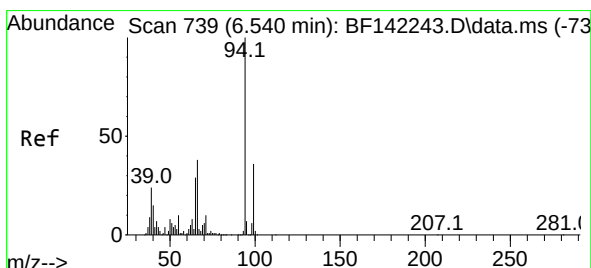
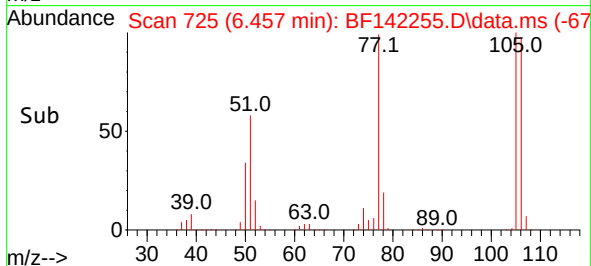
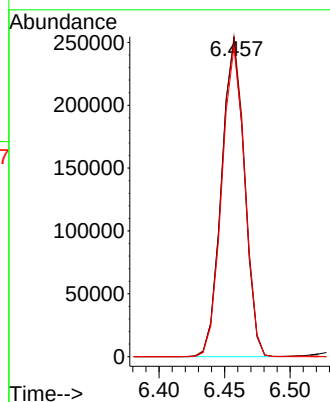
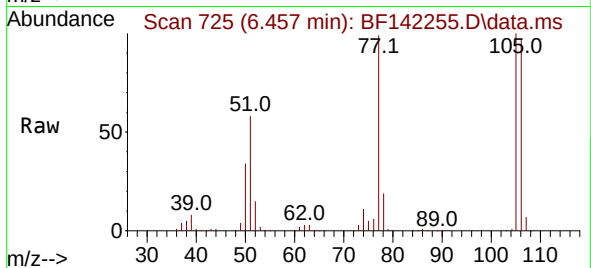
Tgt Ion: 77 Resp: 305773

Ion Ratio Lower Upper

77 100

105 101.1 79.1 119.1

106 97.8 76.0 116.0



#10

Phenol

Concen: 41.773 ng

RT: 6.545 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

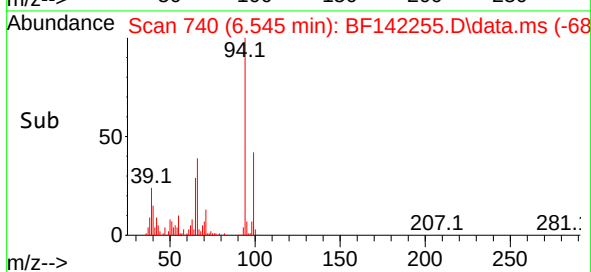
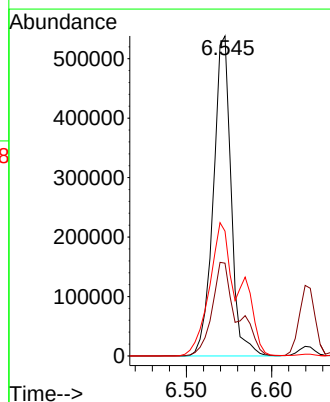
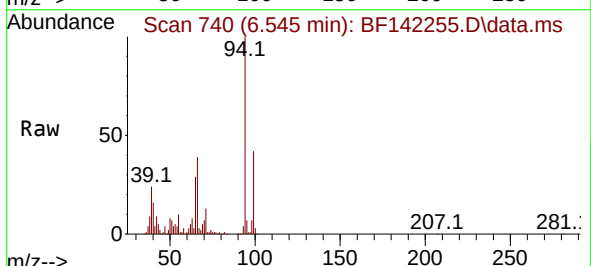
Tgt Ion: 94 Resp: 778120

Ion Ratio Lower Upper

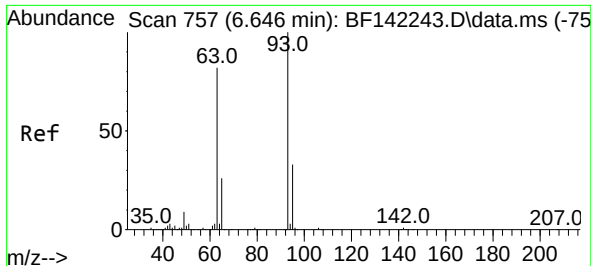
94 100

65 29.0 8.9 48.9

66 39.0 18.7 58.7



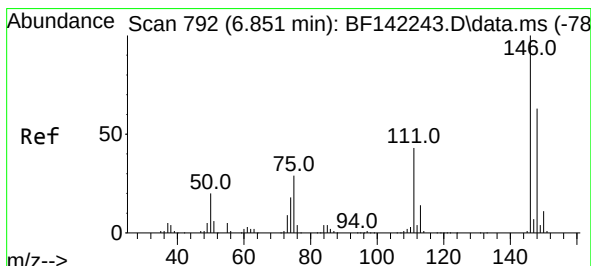
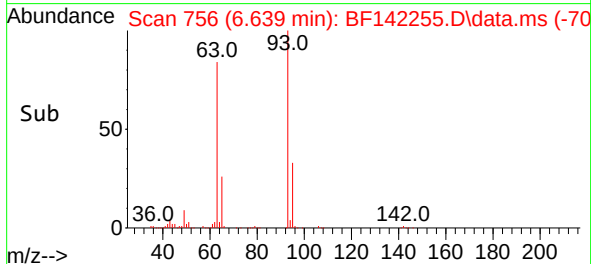
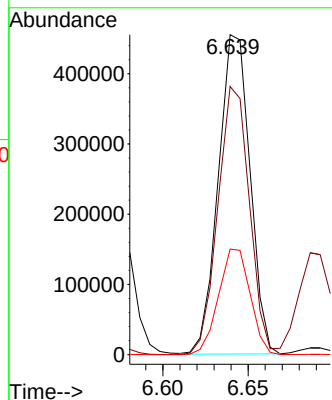
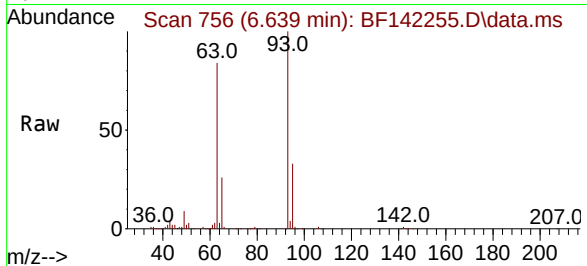




#11  
bis(2-Chloroethyl)ether  
Concen: 40.804 ng  
RT: 6.639 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

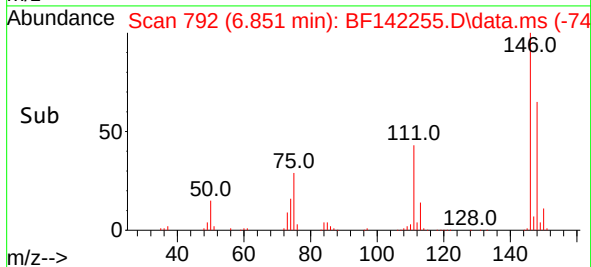
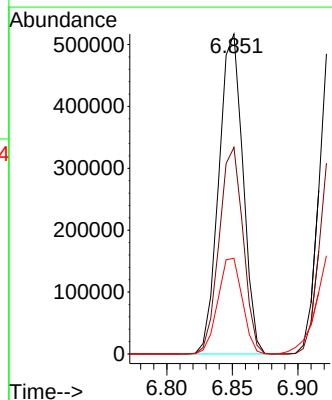
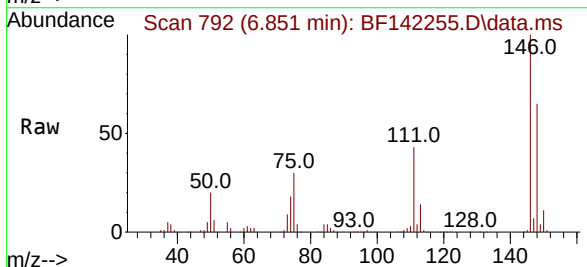
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

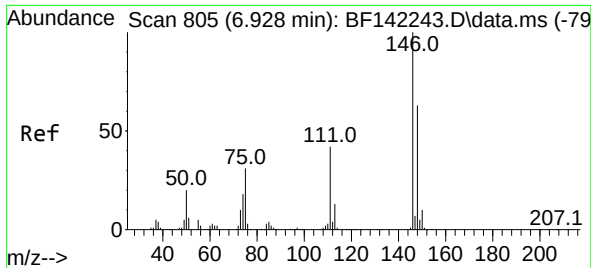
Tgt Ion: 93 Resp: 588988  
Ion Ratio Lower Upper  
93 100  
63 83.8 62.2 102.2  
95 33.0 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 39.402 ng  
RT: 6.851 min Scan# 792  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:146 Resp: 659968  
Ion Ratio Lower Upper  
146 100  
148 64.6 50.5 75.7  
75 29.9 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 39.574 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

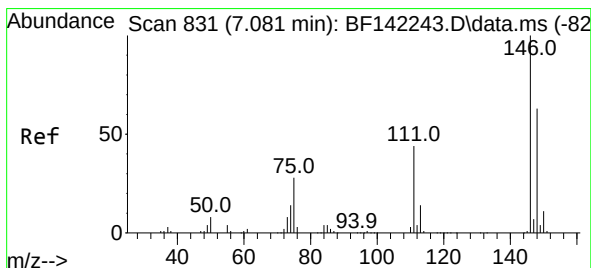
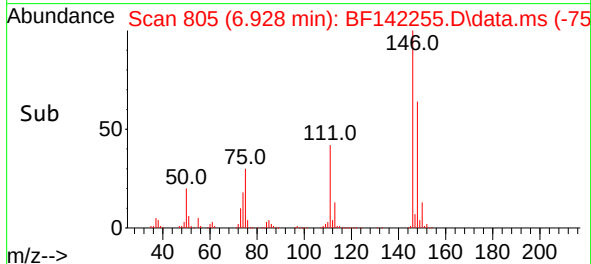
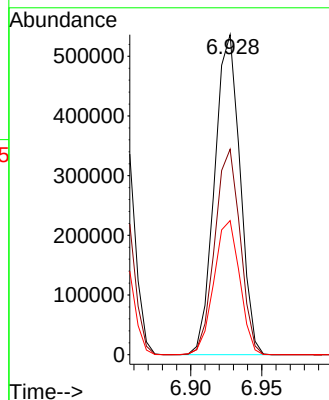
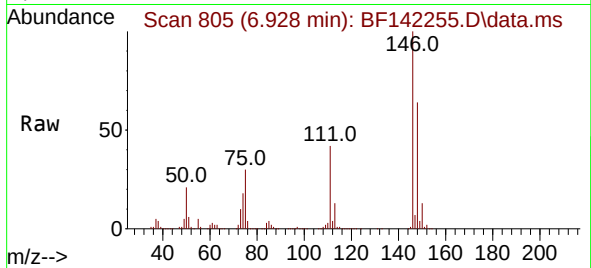
Tgt Ion:146 Resp: 667827

Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

111 41.9 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 40.407 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

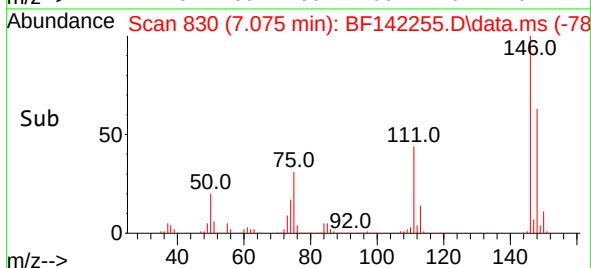
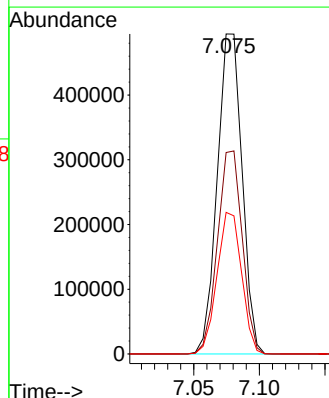
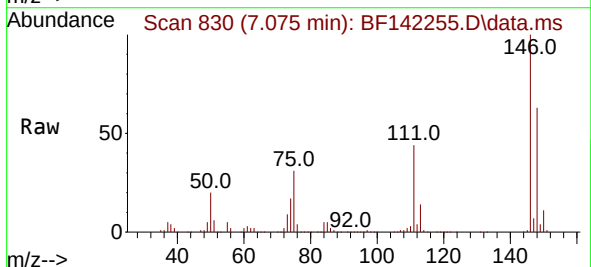
Tgt Ion:146 Resp: 650967

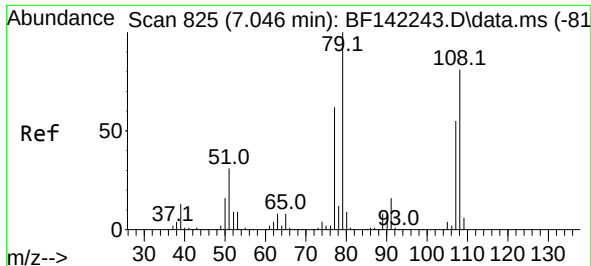
Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

111 44.3 34.9 52.3

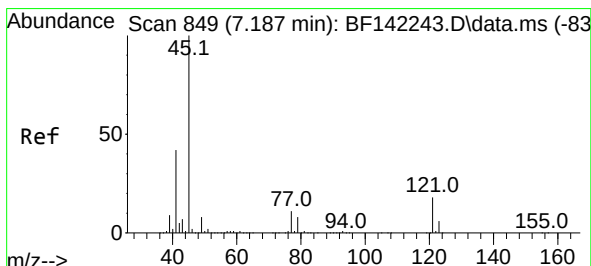
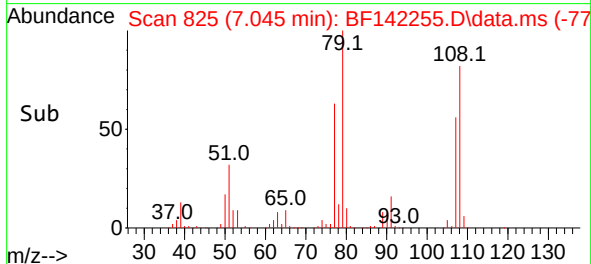
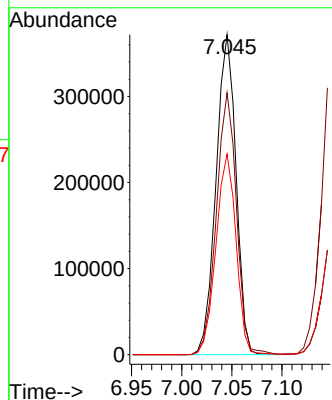
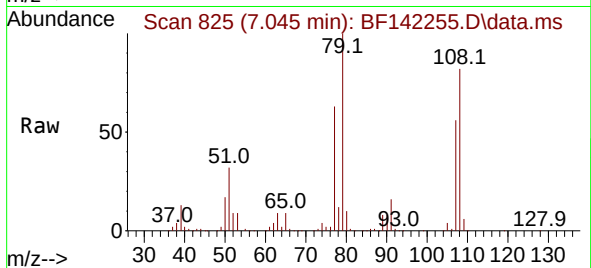




#15  
Benzyl Alcohol  
Concen: 41.969 ng  
RT: 7.045 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

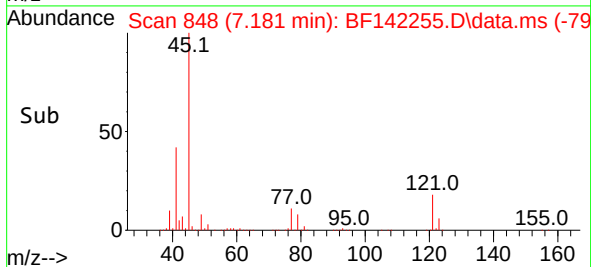
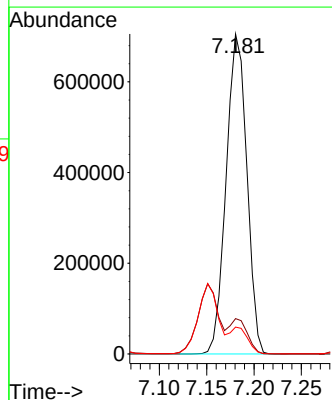
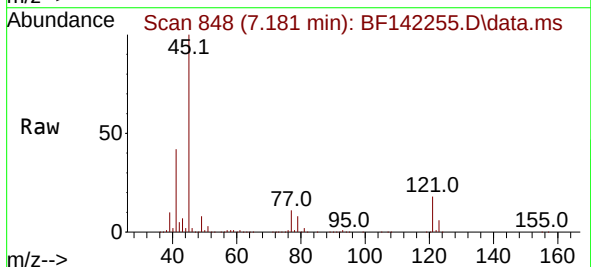
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

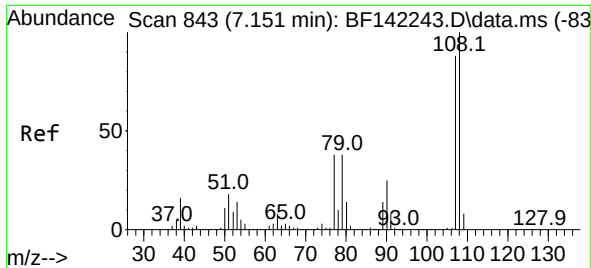
Tgt Ion: 79 Resp: 515024  
Ion Ratio Lower Upper  
79 100  
108 81.8 64.5 96.7  
77 62.7 49.2 73.8



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 41.135 ng  
RT: 7.181 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion: 45 Resp: 1072194  
Ion Ratio Lower Upper  
45 100  
77 11.1 0.0 31.3  
79 8.4 0.0 28.5



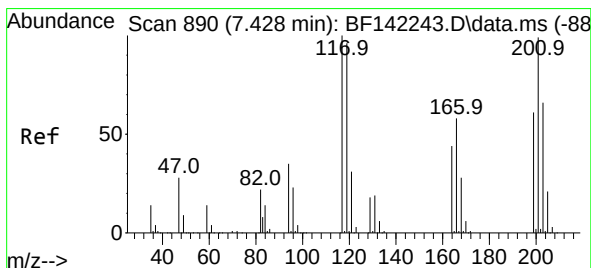
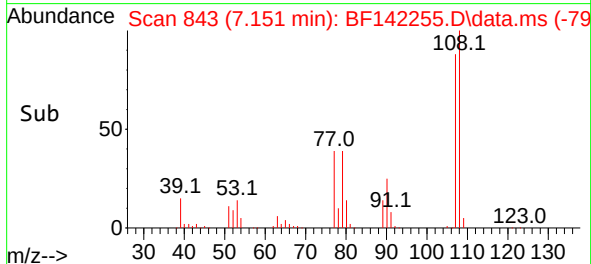
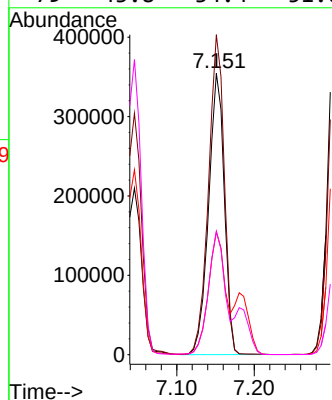
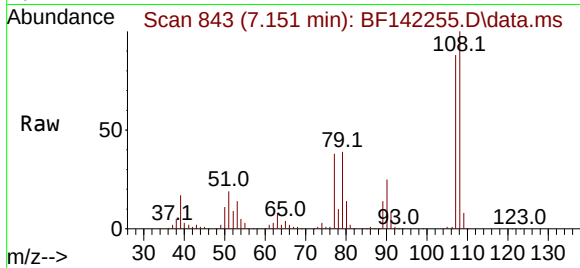


#17  
2-Methylphenol  
Concen: 41.046 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

Tgt Ion:107 Resp: 497856

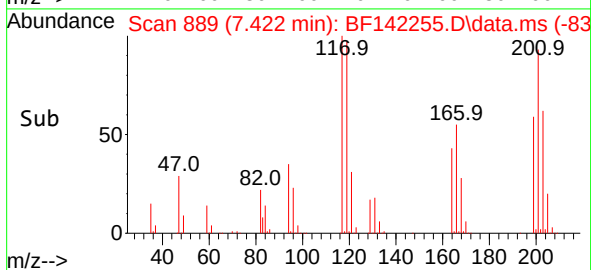
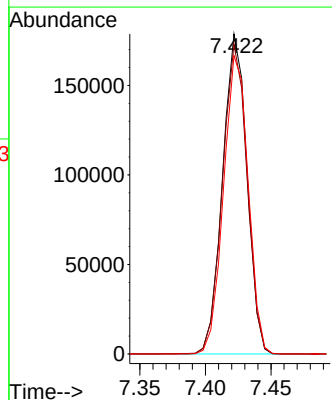
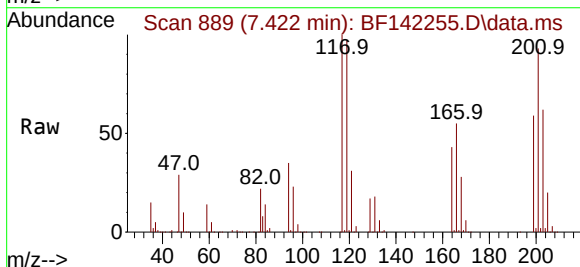
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 113.7 | 91.0  | 136.4 |
| 77  | 43.7  | 34.4  | 51.6  |
| 79  | 43.8  | 34.4  | 51.6  |

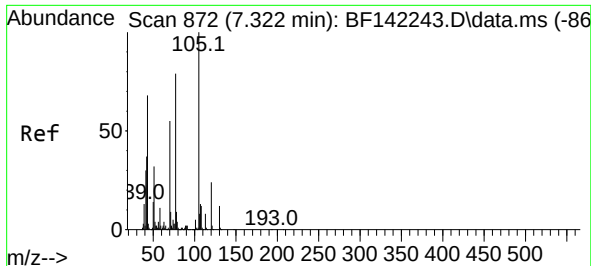


#18  
Hexachloroethane  
Concen: 41.832 ng  
RT: 7.422 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:117 Resp: 231050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.8  | 77.1  | 115.7 |
| 201 | 93.2  | 79.4  | 119.2 |



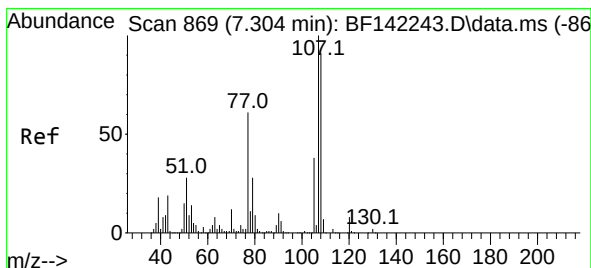
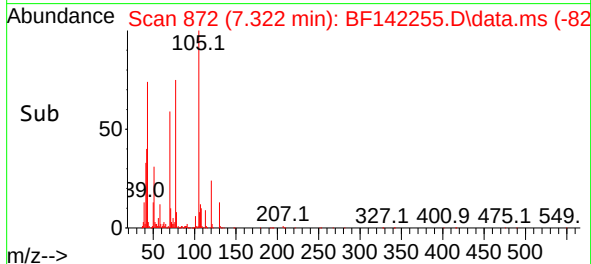
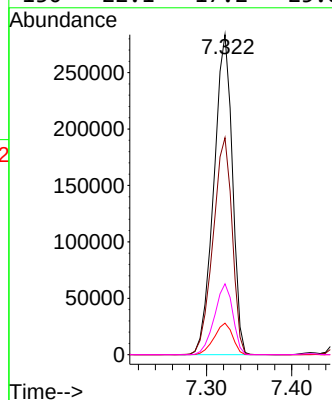
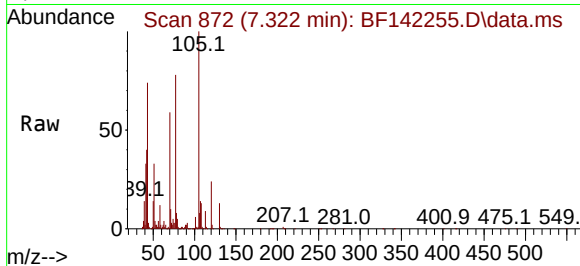


#19  
n-Nitroso-di-n-propylamine  
Concen: 39.992 ng  
RT: 7.322 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

Tgt Ion: 70 Resp: 427592

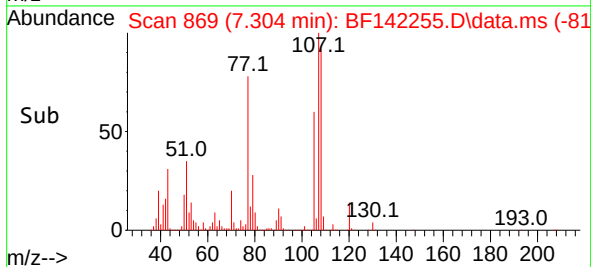
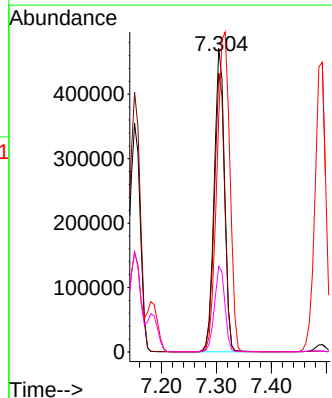
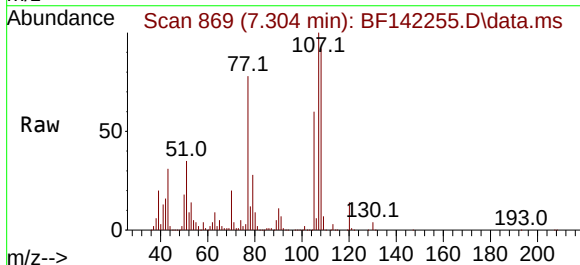
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 67.8  | 53.4  | 80.2  |
| 101 | 9.9   | 7.7   | 11.5  |
| 130 | 22.1  | 17.2  | 25.8  |

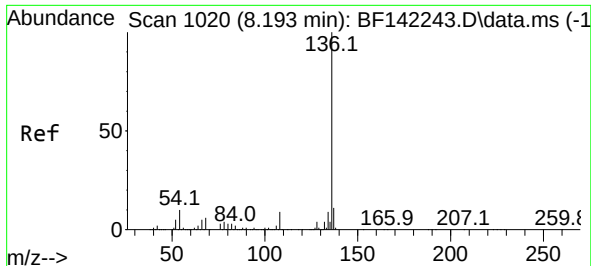


#20  
3+4-Methylphenols  
Concen: 40.760 ng  
RT: 7.304 min Scan# 869  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion: 107 Resp: 618253

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.9  | 71.2  | 111.2 |
| 77  | 77.5  | 41.1  | 81.1  |
| 79  | 28.2  | 8.1   | 48.1  |



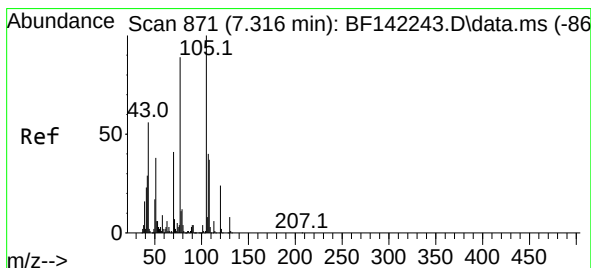
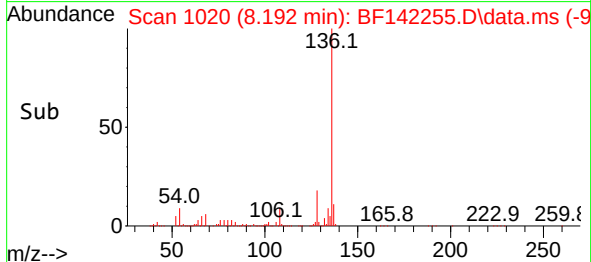
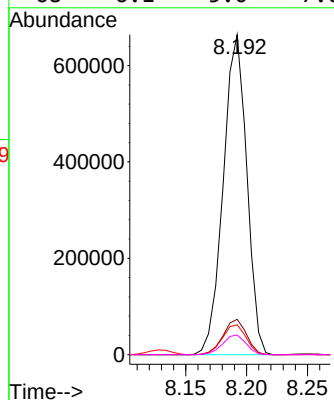
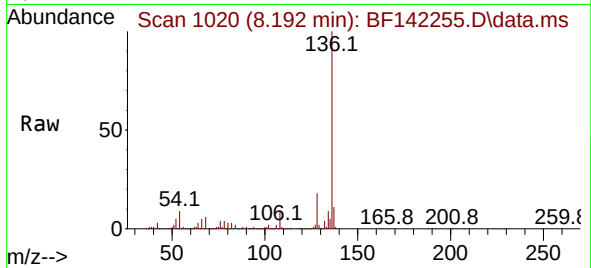


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

Tgt Ion:136 Resp: 892782

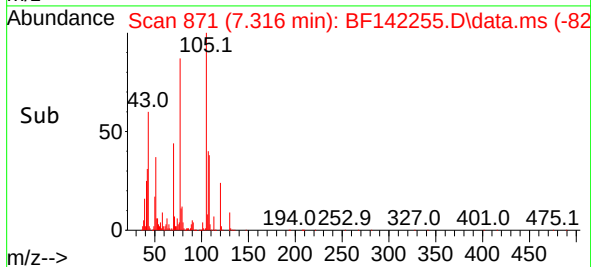
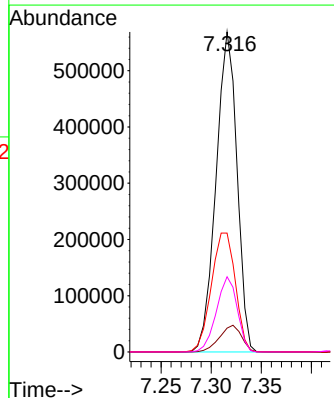
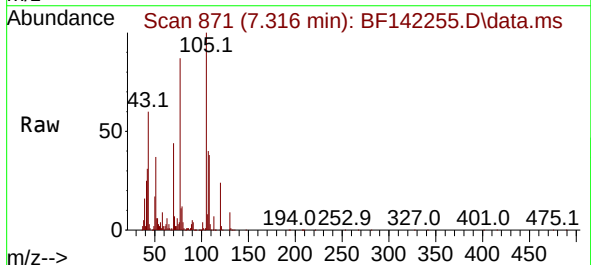
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.7   | 13.1  |
| 54  | 9.4   | 7.7   | 11.5  |
| 68  | 6.1   | 5.0   | 7.6   |

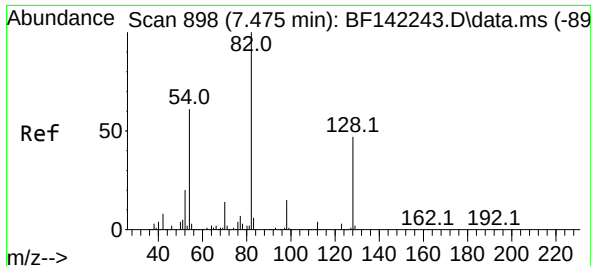


#22  
Acetophenone  
Concen: 40.025 ng  
RT: 7.316 min Scan# 871  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:105 Resp: 826671

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.5   | 5.7   | 8.5   |
| 51  | 37.2  | 30.1  | 45.1  |
| 120 | 23.5  | 19.0  | 28.4  |

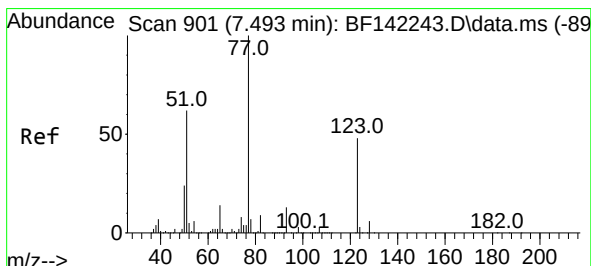
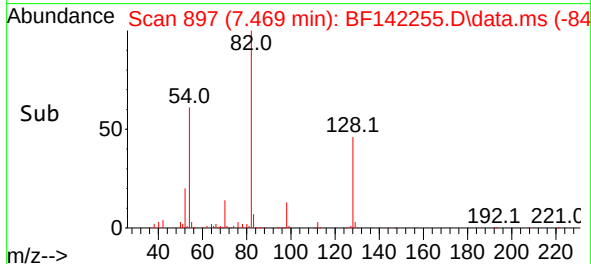
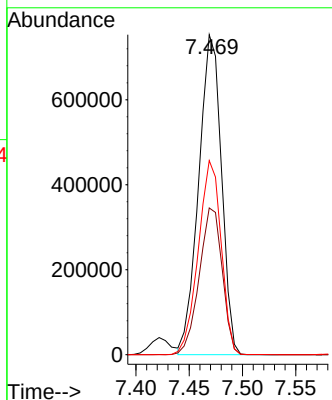
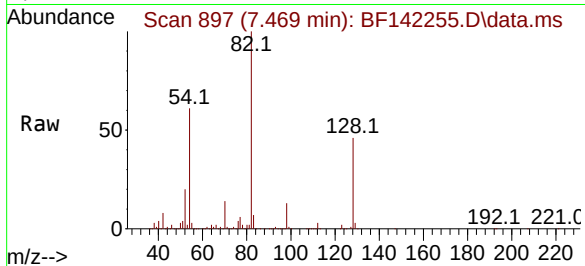




#23  
Nitrobenzene-d5  
Concen: 82.412 ng  
RT: 7.469 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

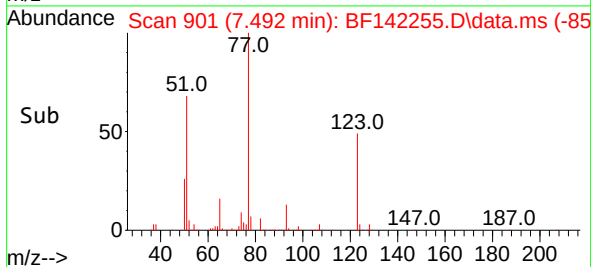
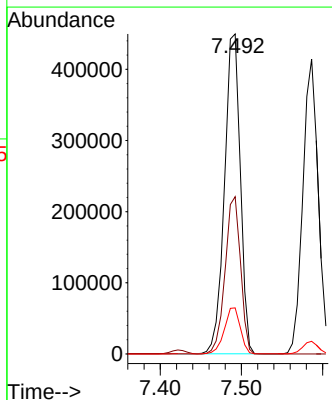
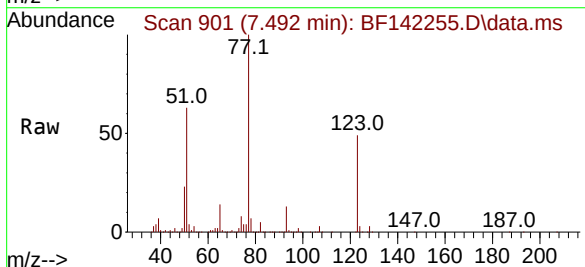
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

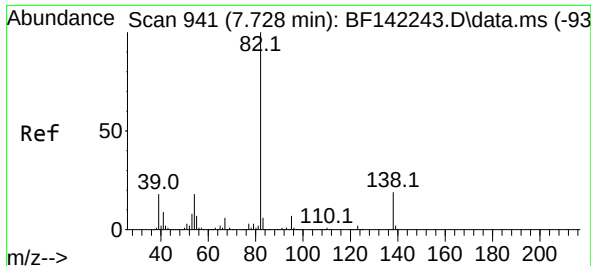
Tgt Ion: 82 Resp: 1119930  
Ion Ratio Lower Upper  
82 100  
128 45.8 37.0 55.6  
54 60.7 48.0 72.0



#24  
Nitrobenzene  
Concen: 45.807 ng  
RT: 7.492 min Scan# 901  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion: 77 Resp: 610784  
Ion Ratio Lower Upper  
77 100  
123 49.2 38.6 58.0  
65 14.4 11.5 17.3

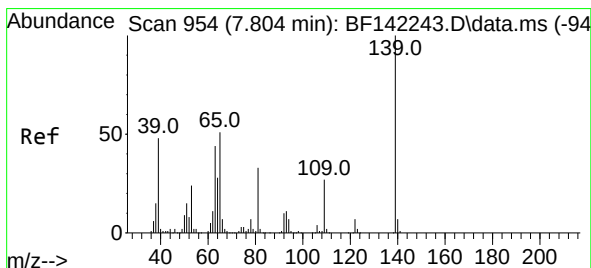
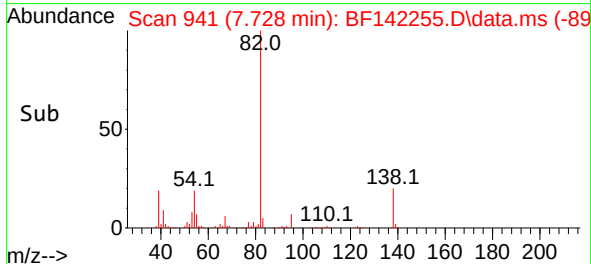
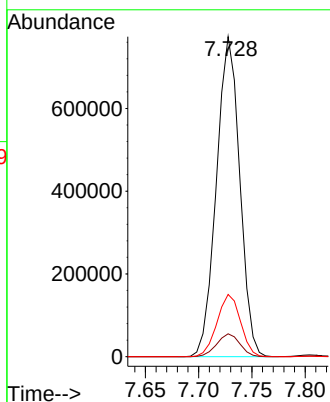
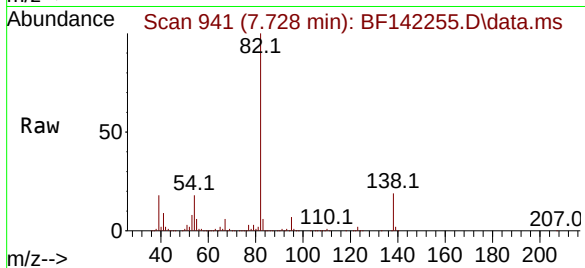




#25  
Isophorone  
Concen: 41.271 ng  
RT: 7.728 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

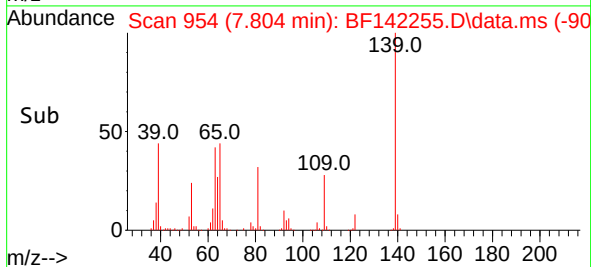
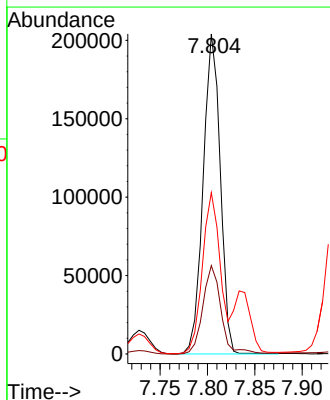
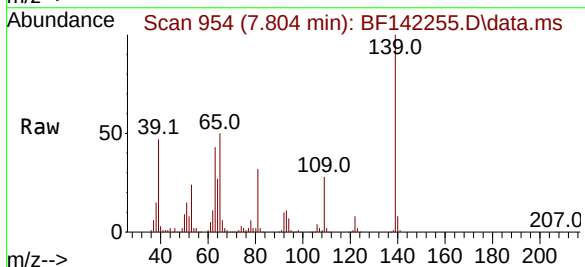
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

Tgt Ion: 82 Resp: 1177064  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.6 8.4  
138 19.4 15.3 22.9

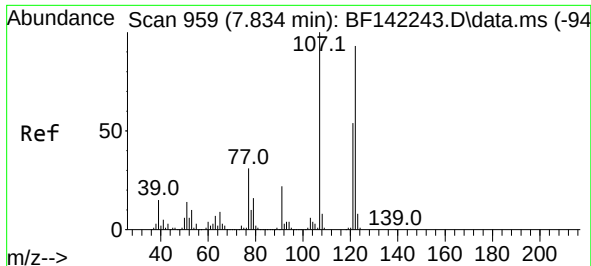


#26  
2-Nitrophenol  
Concen: 46.237 ng  
RT: 7.804 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:139 Resp: 256947  
Ion Ratio Lower Upper  
139 100  
109 27.6 21.8 32.8  
65 50.4 41.1 61.7







#27

2,4-Dimethylphenol

Concen: 41.886 ng

RT: 7.839 min Scan# 959

Delta R.T. 0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

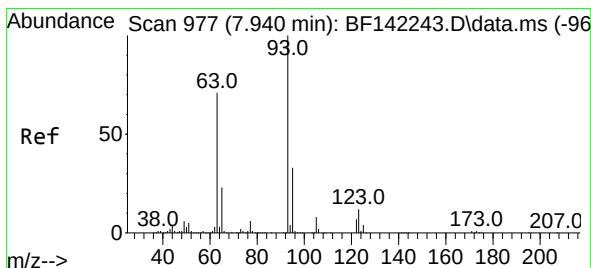
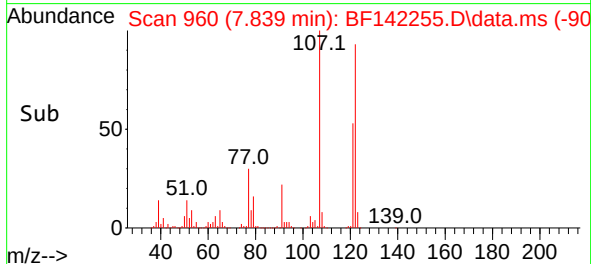
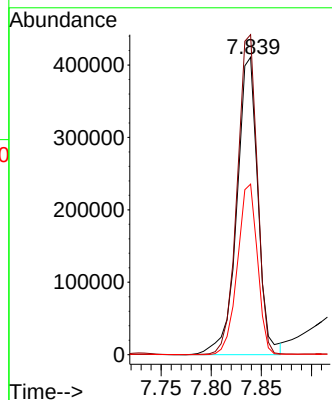
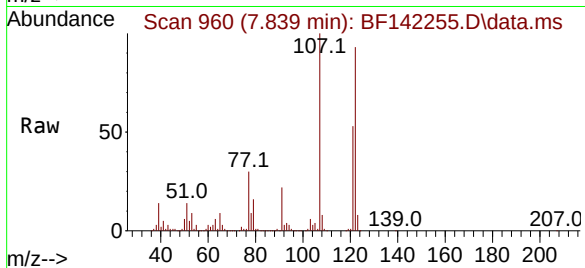
Tgt Ion:122 Resp: 602302

Ion Ratio Lower Upper

122 100

107 107.6 86.0 129.0

121 57.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.821 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

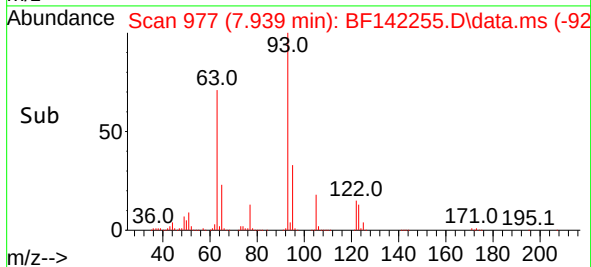
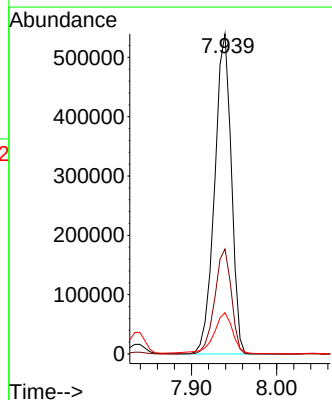
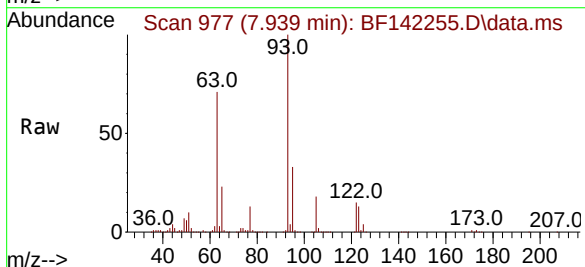
Tgt Ion: 93 Resp: 734241

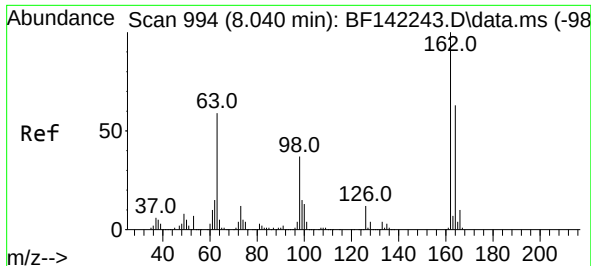
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 12.9 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.143 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

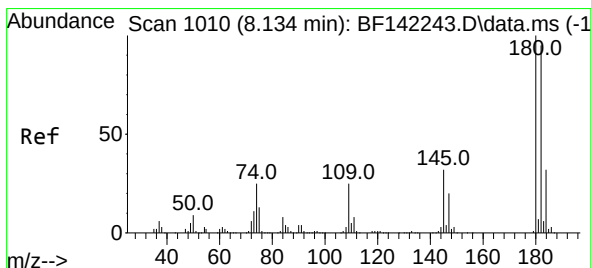
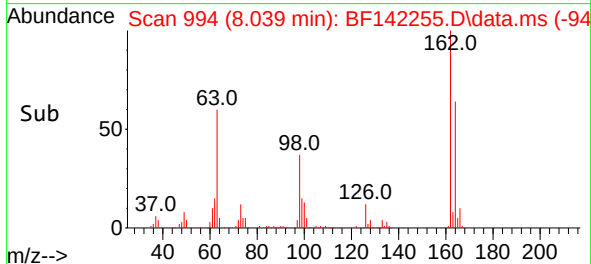
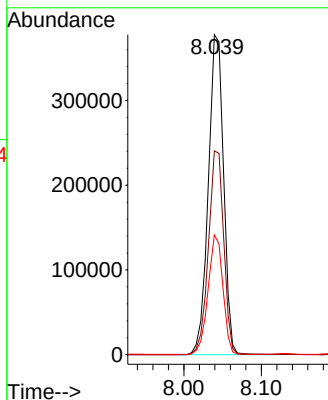
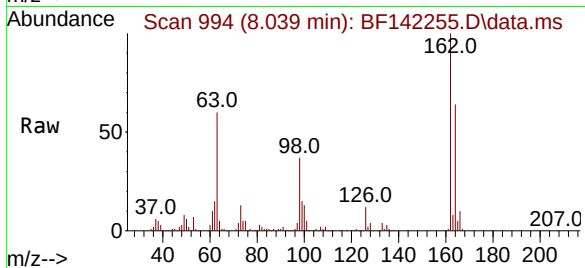
Tgt Ion:162 Resp: 518664

Ion Ratio Lower Upper

162 100

164 63.7 43.0 83.0

98 37.4 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 40.565 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

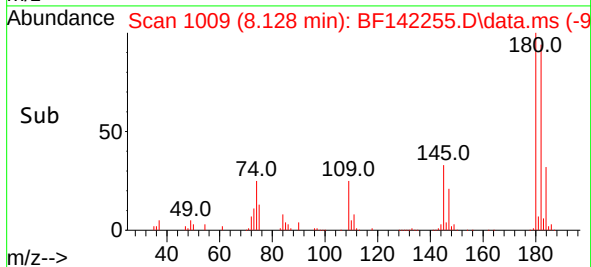
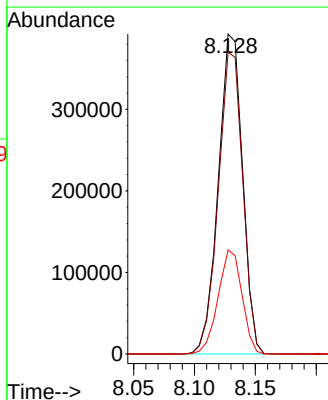
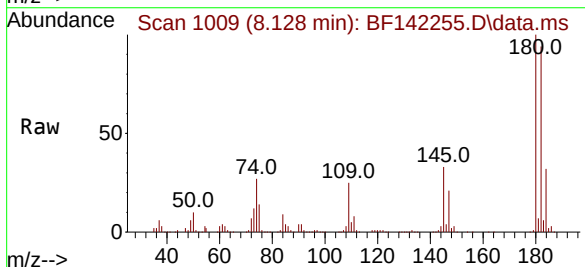
Tgt Ion:180 Resp: 544203

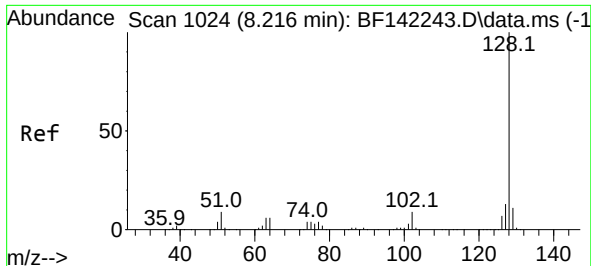
Ion Ratio Lower Upper

180 100

182 94.4 75.7 113.5

145 32.5 25.4 38.0

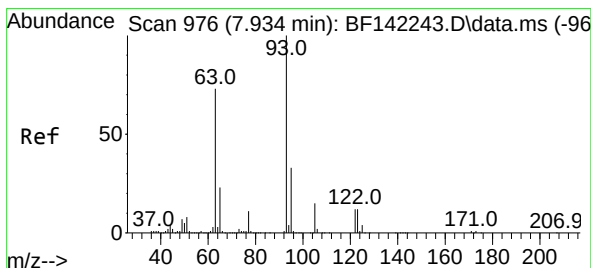
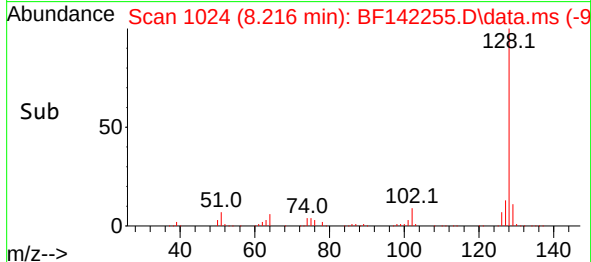
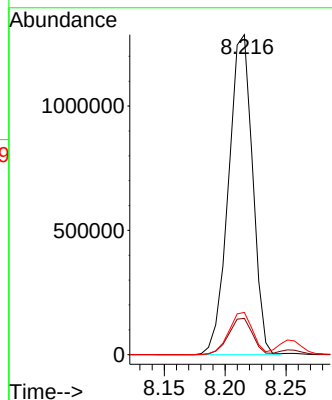
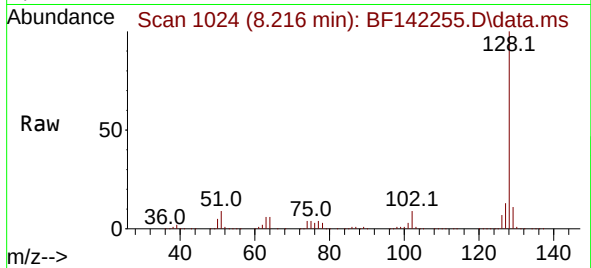




#31  
Naphthalene  
Concen: 39.733 ng  
RT: 8.216 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

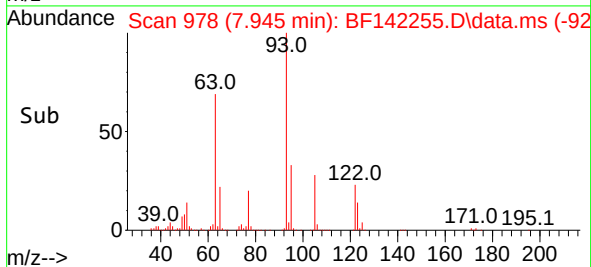
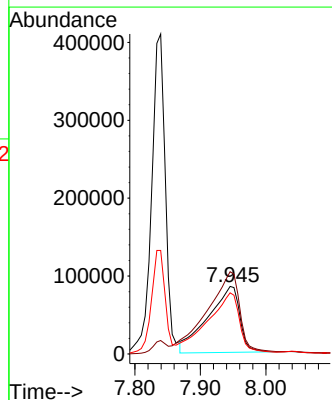
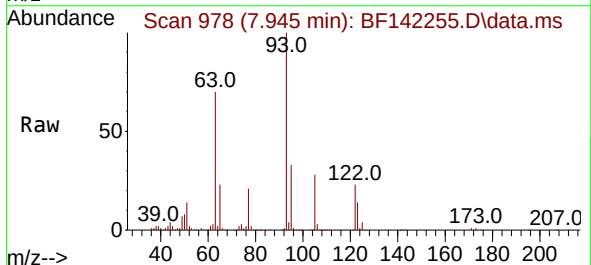
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

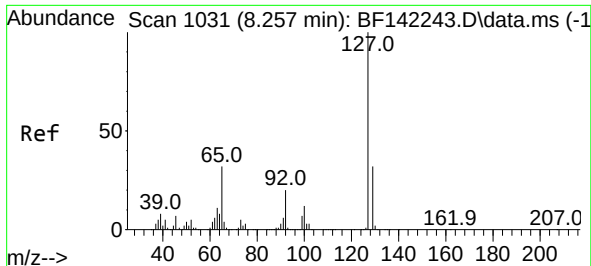
Tgt Ion:128 Resp: 1769061  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.4  
127 13.2 10.6 15.8



#32  
Benzoic acid  
Concen: 43.299 ng  
RT: 7.945 min Scan# 978  
Delta R.T. 0.011 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:122 Resp: 286918  
Ion Ratio Lower Upper  
122 100  
105 121.8 98.2 138.2  
77 90.5 66.8 106.8

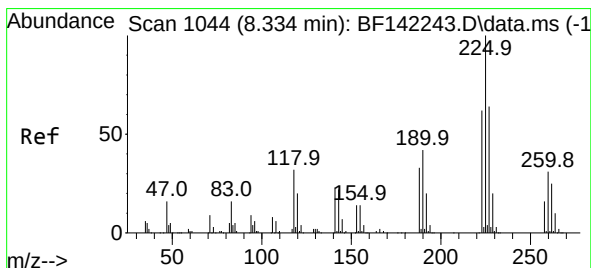
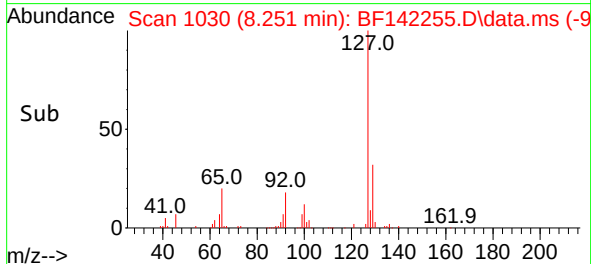
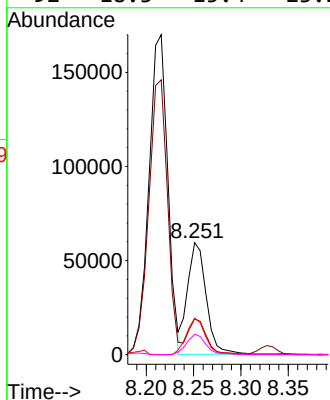
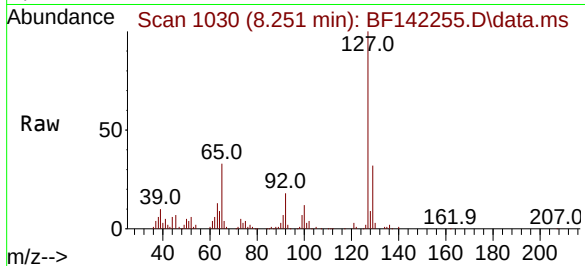




#33  
4-Chloroaniline  
Concen: 4.431 ng  
RT: 8.251 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

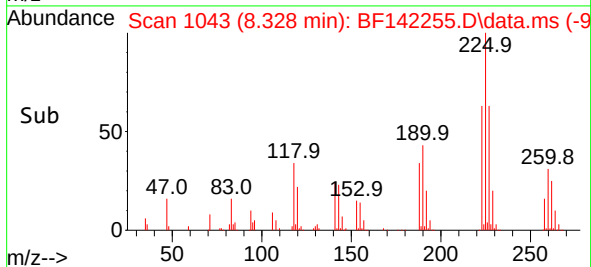
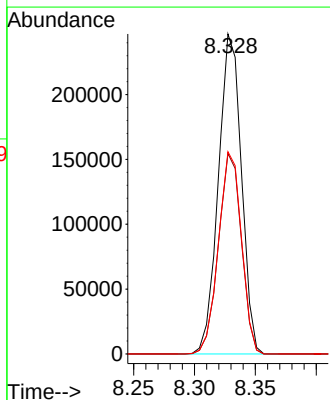
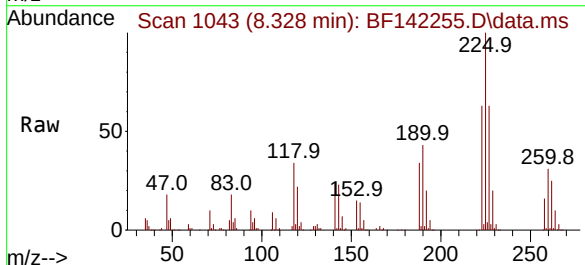
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

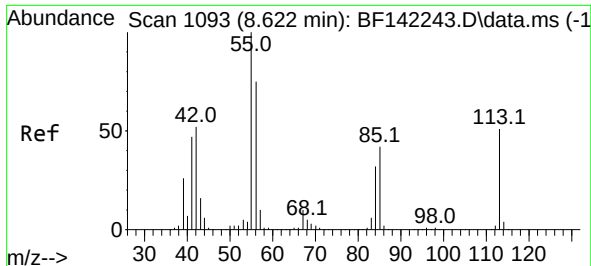
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 82158     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.0  | 26.1 39.1 |
| 65          | 32.6  | 25.5 38.3 |
| 92          | 18.3  | 15.4 23.2 |



#34  
Hexachlorobutadiene  
Concen: 41.492 ng  
RT: 8.328 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 324756    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.7  | 49.7 74.5 |
| 227         | 63.2  | 51.0 76.4 |

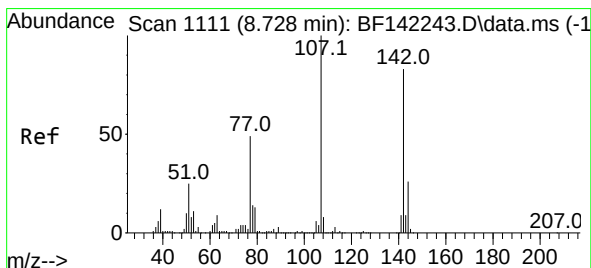
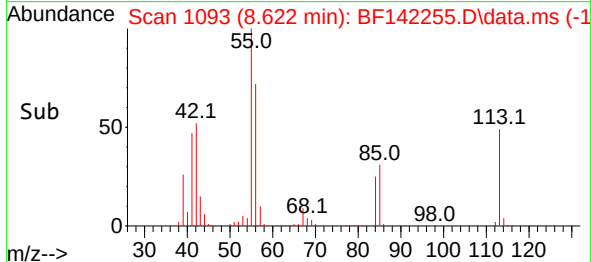
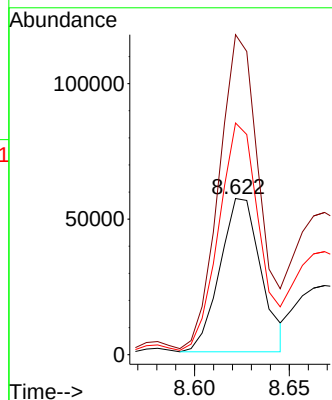
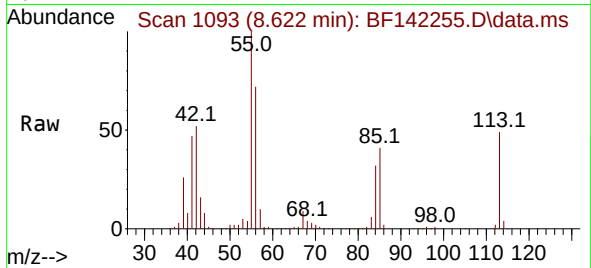




#35  
 Caprolactam  
 Concen: 23.574 ng  
 RT: 8.622 min Scan# 1093  
 Delta R.T. -0.000 min  
 Lab File: BF142255.D  
 Acq: 01 May 2025 12:39

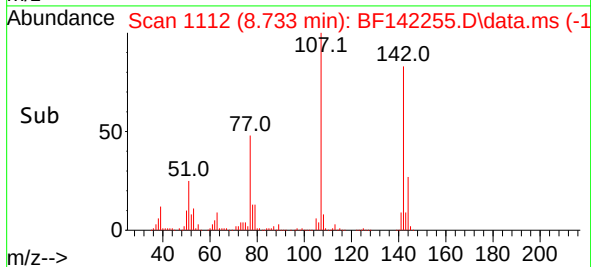
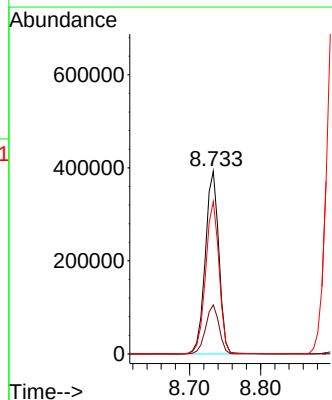
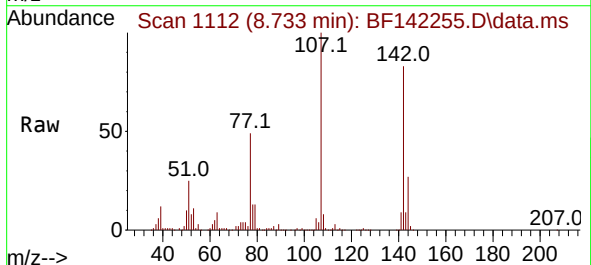
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167810BS

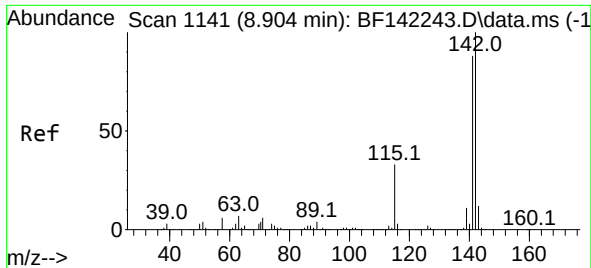
Tgt Ion:113 Resp: 85186  
 Ion Ratio Lower Upper  
 113 100  
 55 204.8 177.7 217.7  
 56 148.3 127.1 167.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.406 ng  
 RT: 8.733 min Scan# 1112  
 Delta R.T. 0.006 min  
 Lab File: BF142255.D  
 Acq: 01 May 2025 12:39

Tgt Ion:107 Resp: 523494  
 Ion Ratio Lower Upper  
 107 100  
 144 26.8 21.0 31.4  
 142 83.5 66.1 99.1

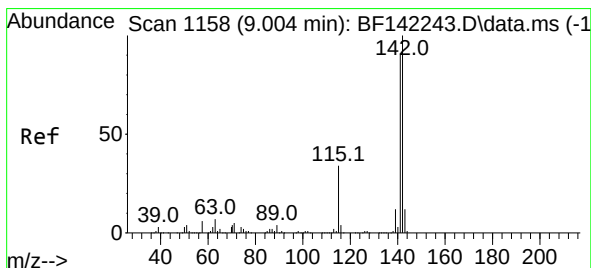
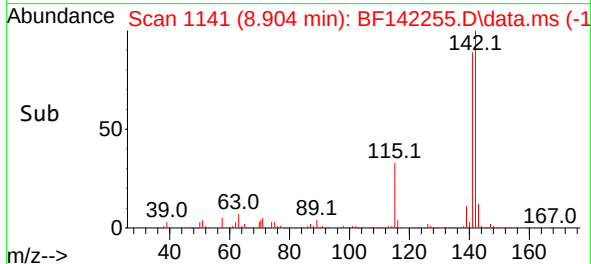
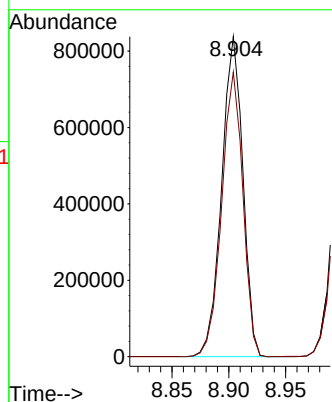
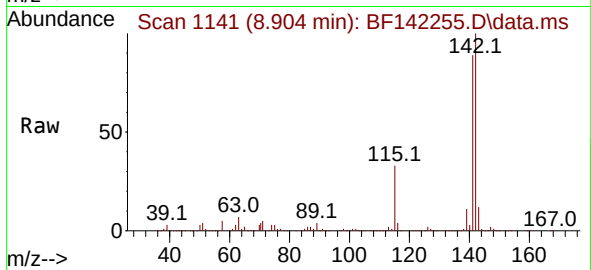




#37  
2-Methylnaphthalene  
Concen: 39.822 ng  
RT: 8.904 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

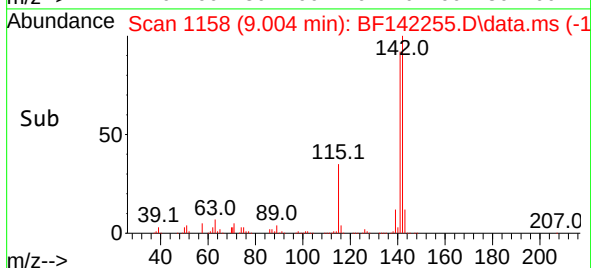
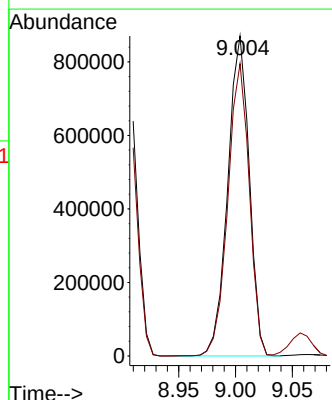
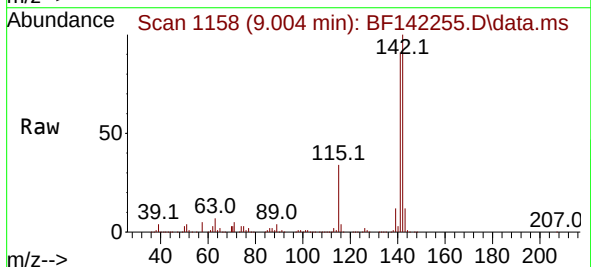
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

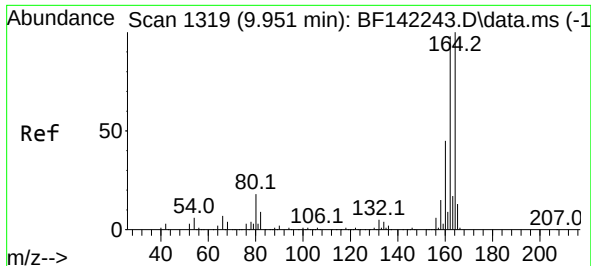
Tgt Ion:142 Resp: 1090096  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.5 105.7



#38  
1-Methylnaphthalene  
Concen: 40.333 ng  
RT: 9.004 min Scan# 1158  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:142 Resp: 1143793  
Ion Ratio Lower Upper  
142 100  
141 91.4 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

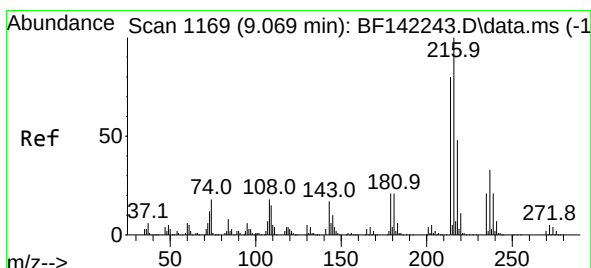
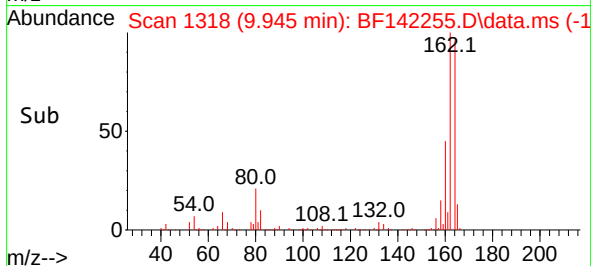
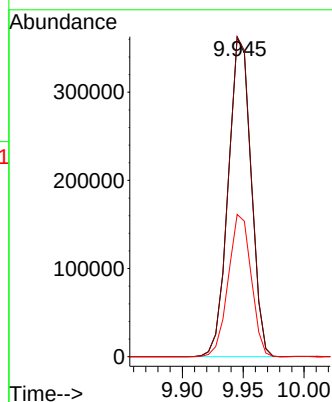
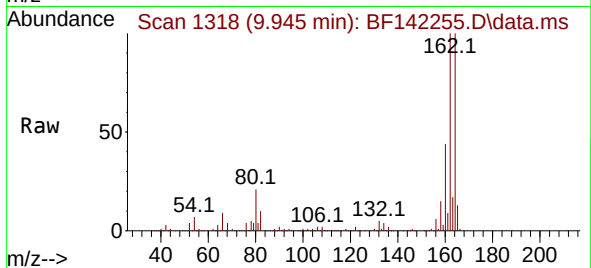
Tgt Ion:164 Resp: 472284

Ion Ratio Lower Upper

164 100

162 100.2 78.6 117.8

160 44.6 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.471 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Tgt Ion:216 Resp: 524634

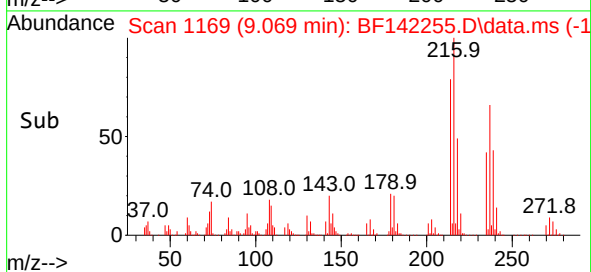
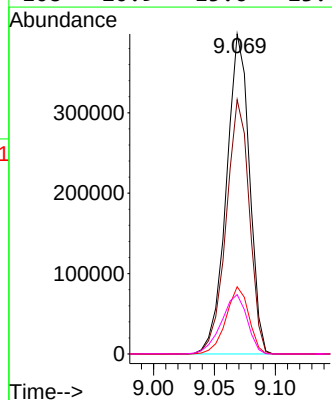
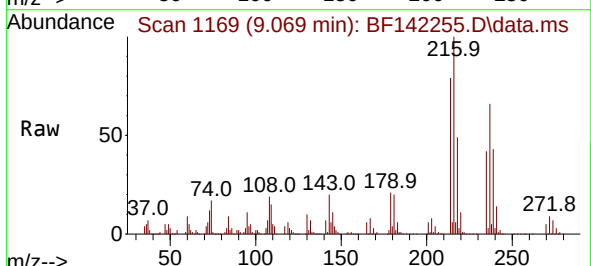
Ion Ratio Lower Upper

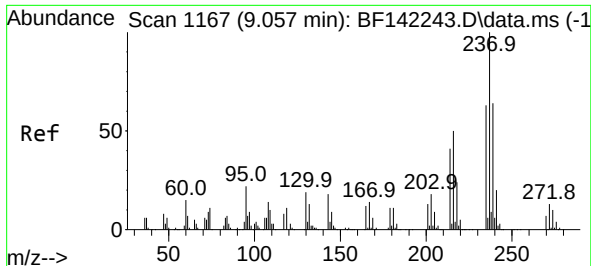
216 100

214 79.4 63.8 95.6

179 20.8 16.7 25.1

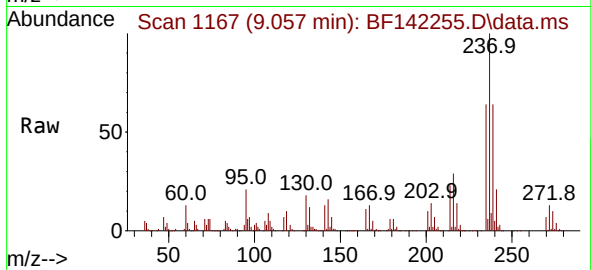
108 20.9 15.6 23.4



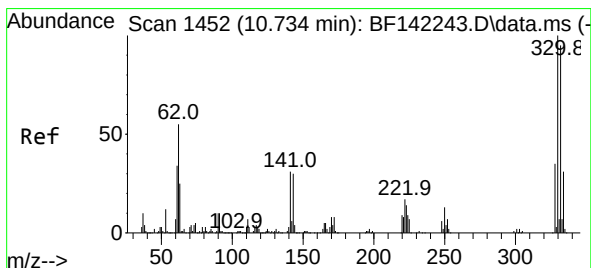
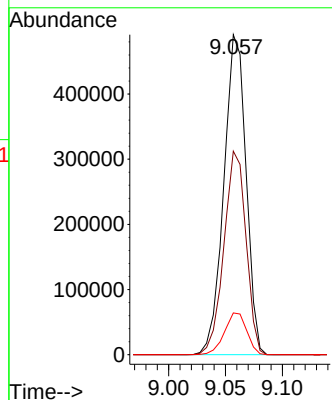
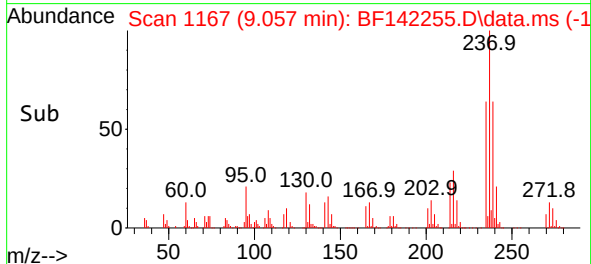


#41  
Hexachlorocyclopentadiene  
Concen: 88.607 ng  
RT: 9.057 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

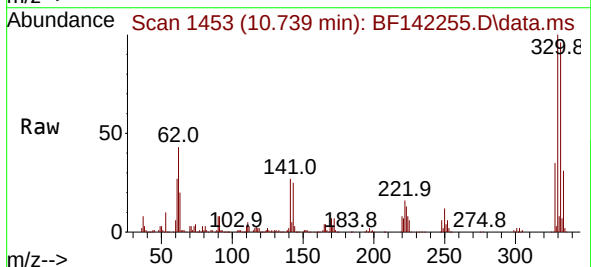
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS



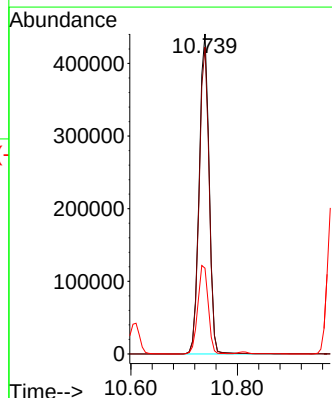
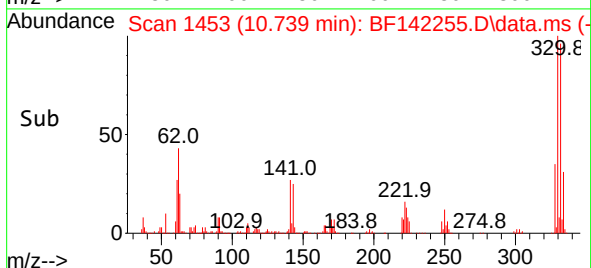
Tgt Ion:237 Resp: 668416  
Ion Ratio Lower Upper  
237 100  
235 63.6 43.5 83.5  
272 13.1 0.0 32.9



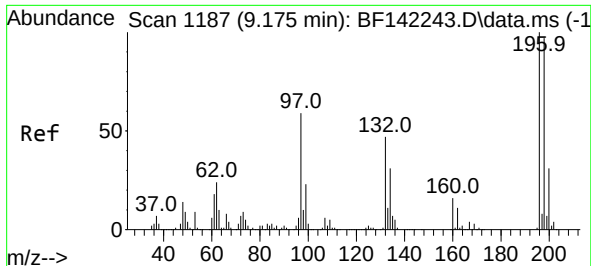
#42  
2,4,6-Tribromophenol  
Concen: 132.029 ng  
RT: 10.739 min Scan# 1453  
Delta R.T. 0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39



Tgt Ion:330 Resp: 568456  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.5 114.7  
141 29.1 24.3 36.5



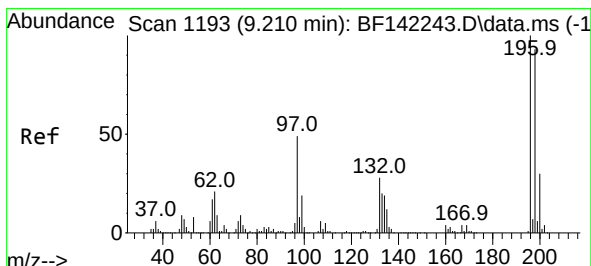
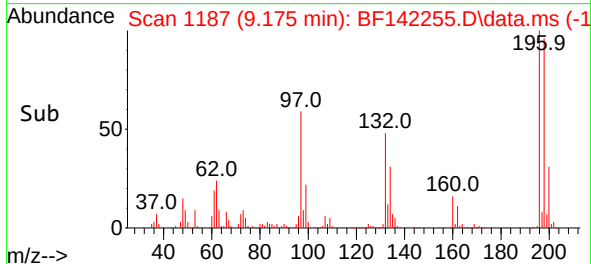
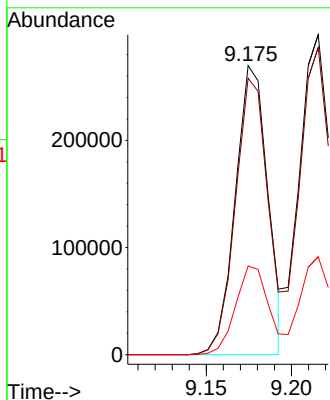
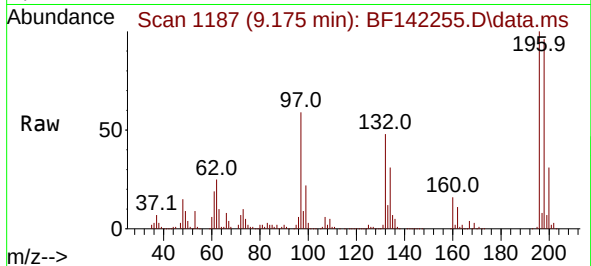




#43  
2,4,6-Trichlorophenol  
Concen: 43.423 ng  
RT: 9.175 min Scan# 1187  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

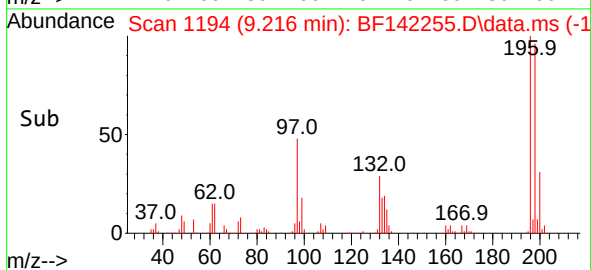
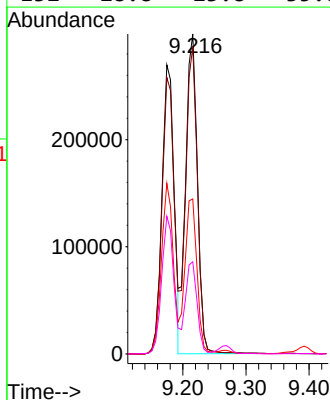
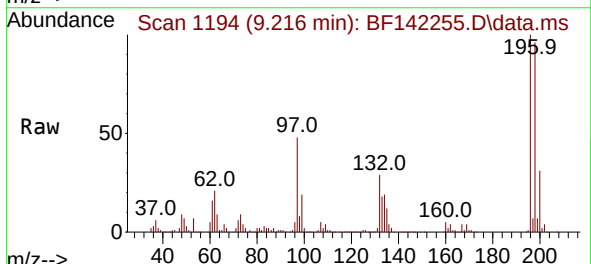
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

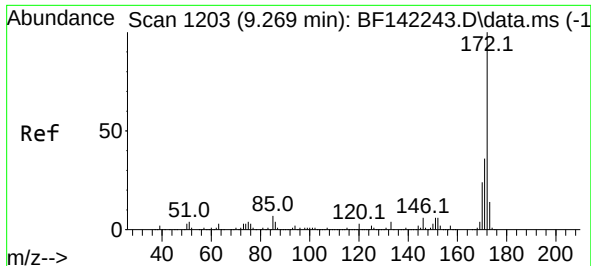
Tgt Ion:196 Resp: 357651  
Ion Ratio Lower Upper  
196 100  
198 95.6 77.4 116.2  
200 30.7 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 44.872 ng  
RT: 9.216 min Scan# 1194  
Delta R.T. 0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:196 Resp: 388570  
Ion Ratio Lower Upper  
196 100  
198 96.0 75.2 112.8  
97 48.5 39.8 59.8  
132 28.8 23.8 35.8

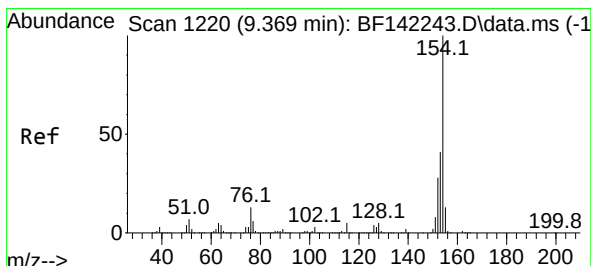
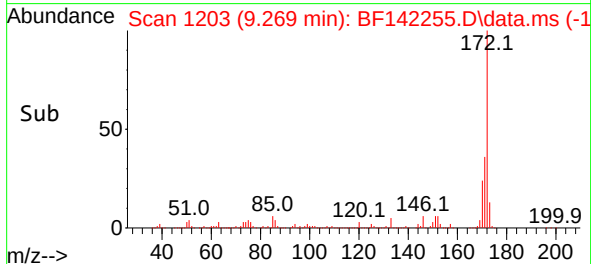
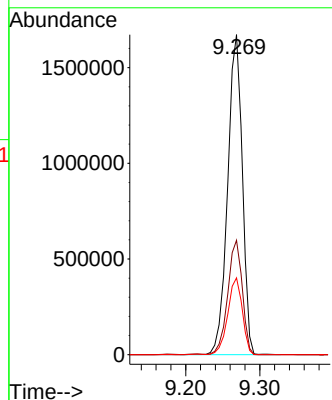
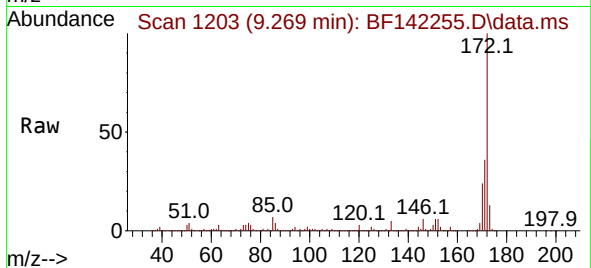




#45  
2-Fluorobiphenyl  
Concen: 68.501 ng  
RT: 9.269 min Scan# 1203  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

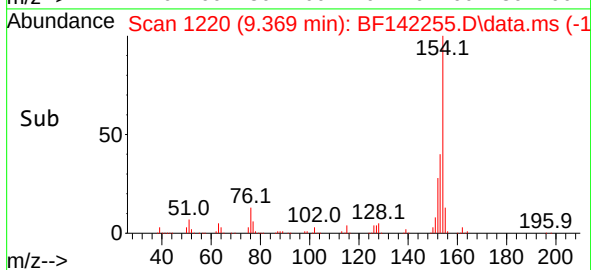
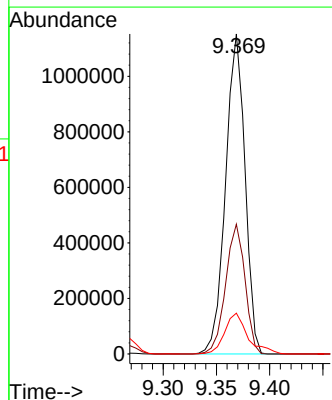
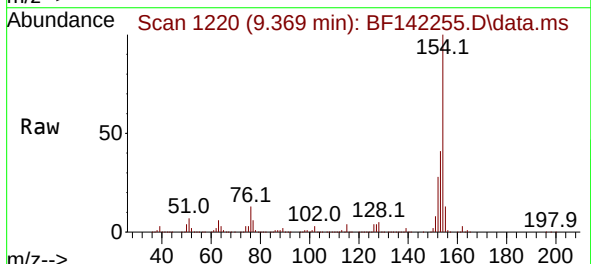
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

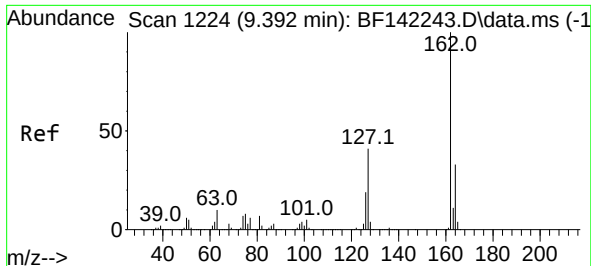
Tgt Ion:172 Resp: 2294519  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.0 43.4  
170 24.0 19.4 29.0



#46  
1,1'-Biphenyl  
Concen: 39.713 ng  
RT: 9.369 min Scan# 1220  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:154 Resp: 1458088  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.5 60.5  
76 12.8 0.0 32.8

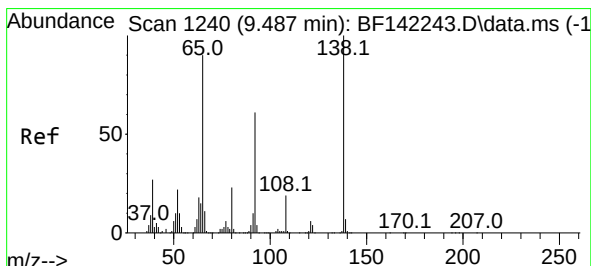
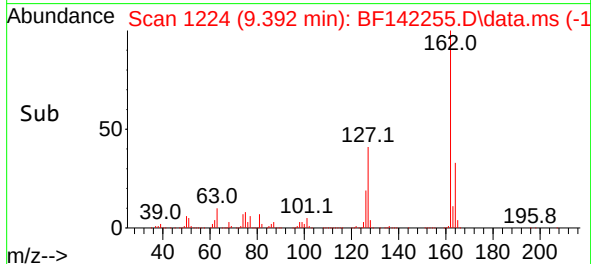
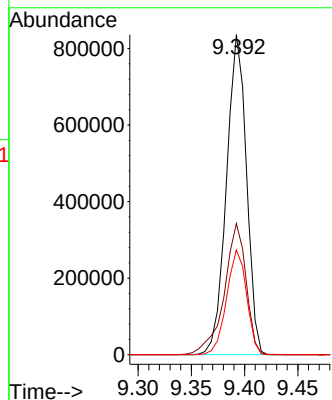
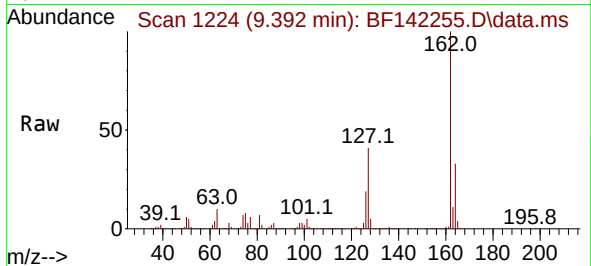




#47  
2-Chloronaphthalene  
Concen: 40.017 ng  
RT: 9.392 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

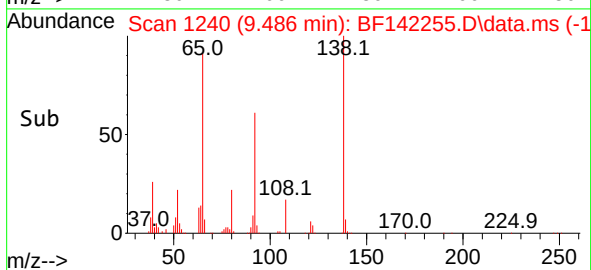
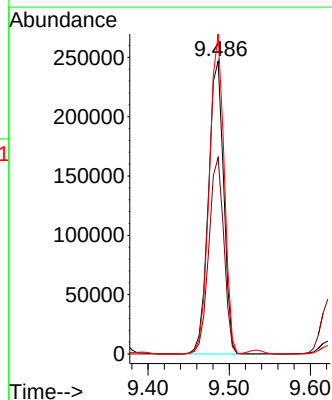
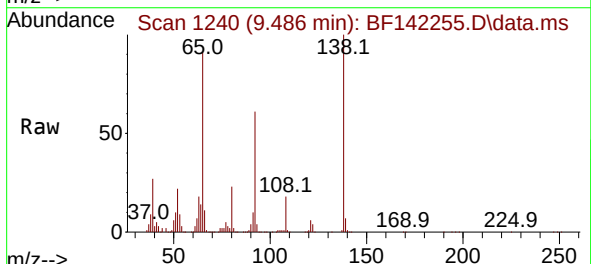
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

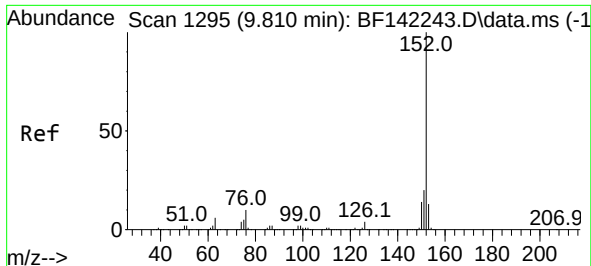
Tgt Ion:162 Resp: 1093139  
Ion Ratio Lower Upper  
162 100  
127 40.9 32.6 49.0  
164 32.7 26.1 39.1



#48  
2-Nitroaniline  
Concen: 44.957 ng  
RT: 9.486 min Scan# 1240  
Delta R.T. -0.001 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

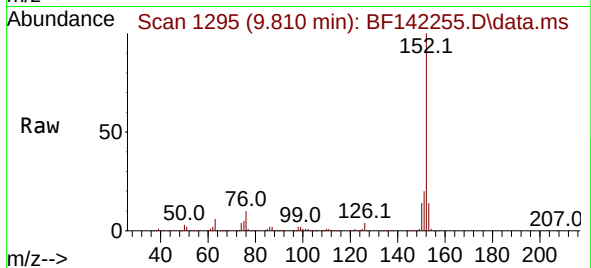
Tgt Ion: 65 Resp: 321433  
Ion Ratio Lower Upper  
65 100  
92 67.2 54.3 81.5  
138 109.3 88.6 133.0



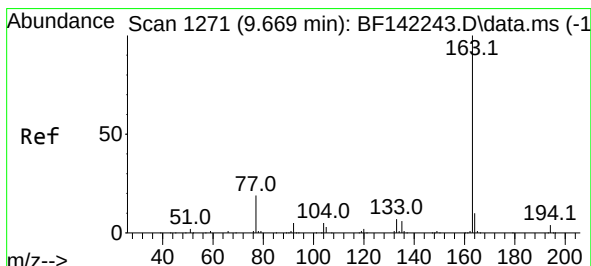
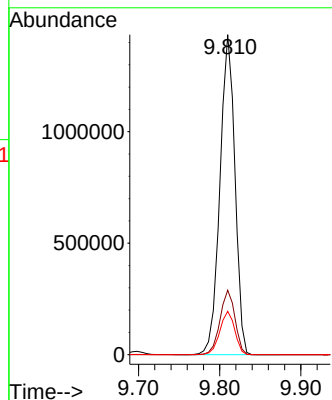
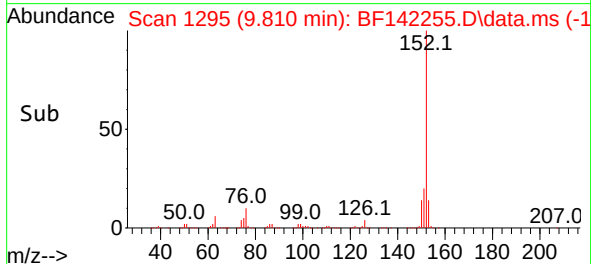


#49  
Acenaphthylene  
Concen: 40.085 ng  
RT: 9.810 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

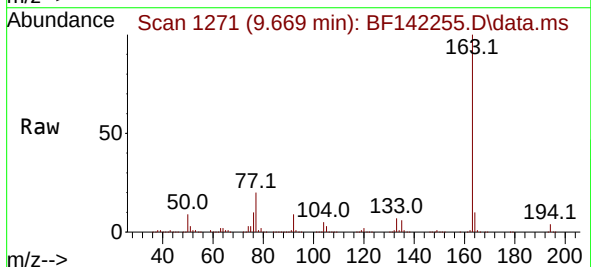
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS



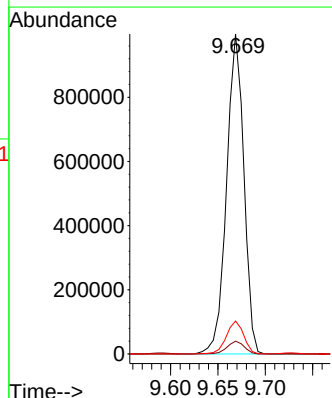
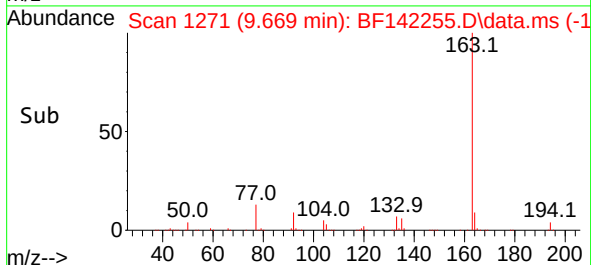
Tgt Ion:152 Resp: 1847757  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2  
153 13.6 10.7 16.1

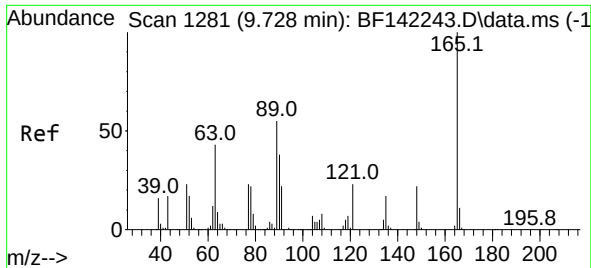


#50  
Dimethylphthalate  
Concen: 41.981 ng  
RT: 9.669 min Scan# 1271  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39



Tgt Ion:163 Resp: 1268421  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.3 8.2 12.2

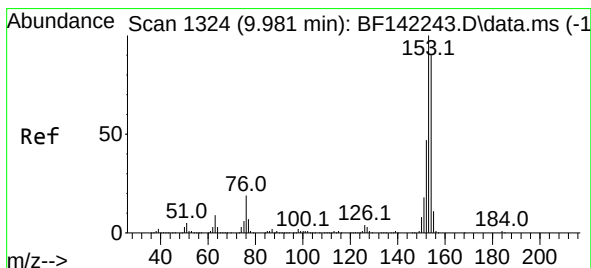
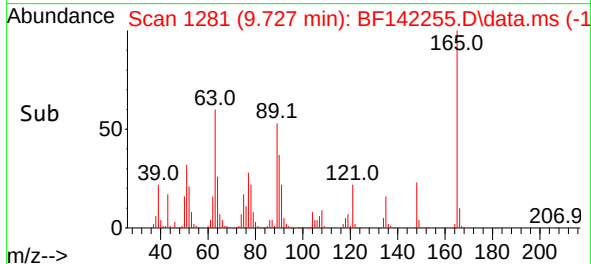
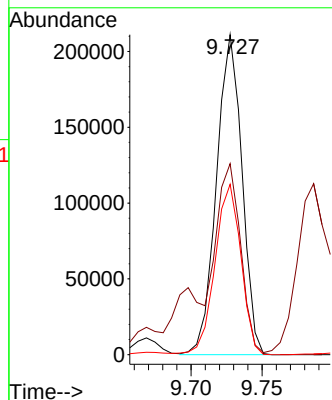
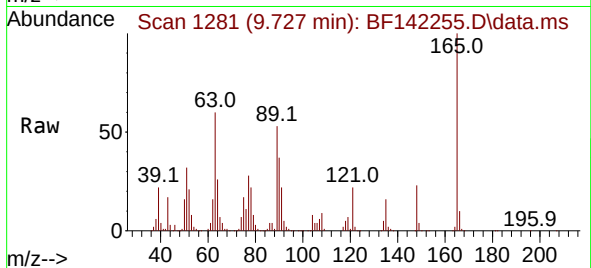




#51  
2,6-Dinitrotoluene  
Concen: 45.692 ng  
RT: 9.727 min Scan# 1281  
Delta R.T. -0.001 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

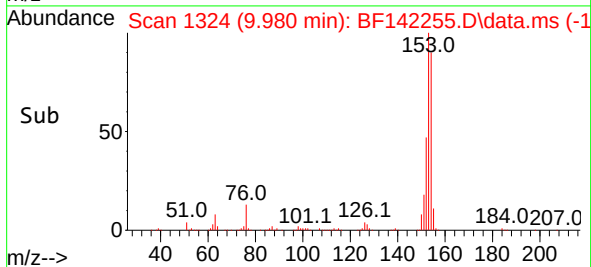
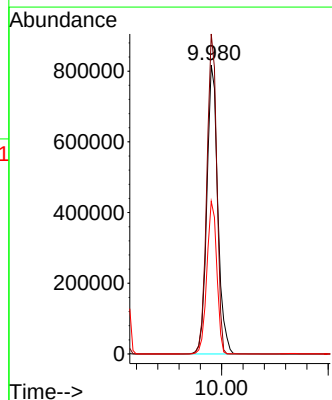
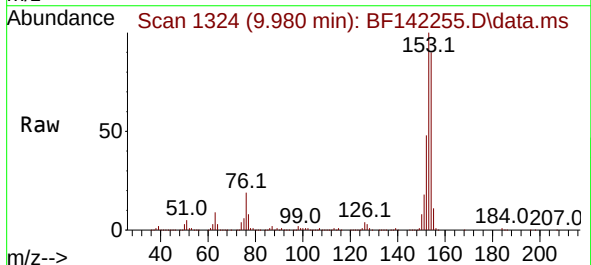
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

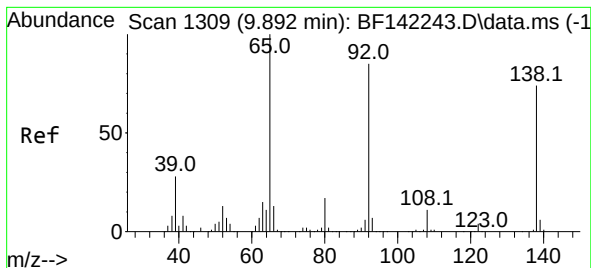
Tgt Ion:165 Resp: 263569  
Ion Ratio Lower Upper  
165 100  
63 59.7 48.5 72.7  
89 53.2 43.9 65.9



#52  
Acenaphthene  
Concen: 43.261 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:154 Resp: 1164359  
Ion Ratio Lower Upper  
154 100  
153 110.8 88.6 133.0  
152 52.8 42.1 63.1





#53

3-Nitroaniline

Concen: 16.287 ng

RT: 9.892 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

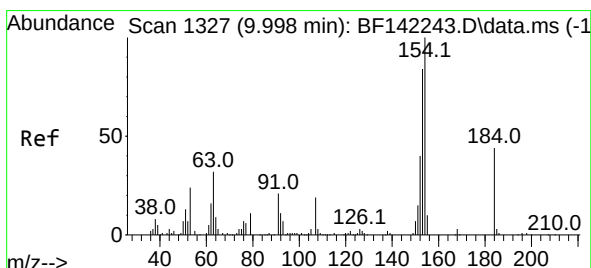
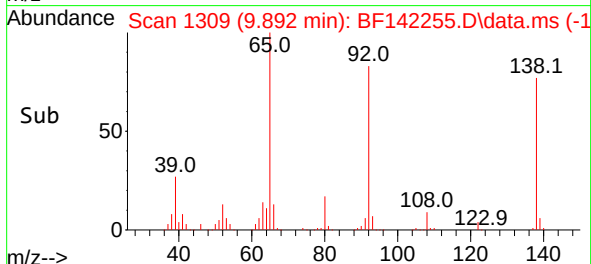
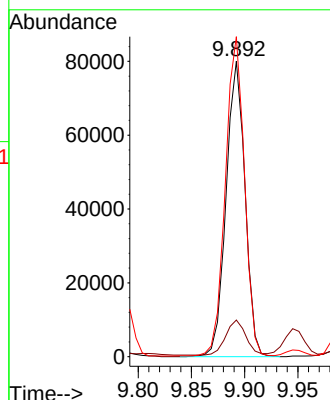
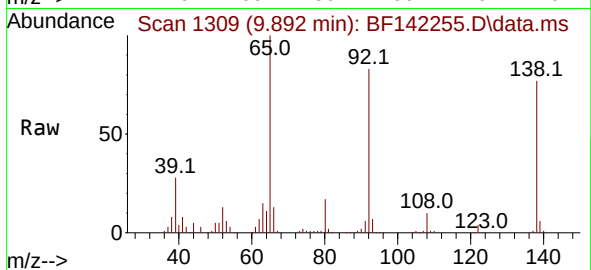
Tgt Ion:138 Resp: 98911

Ion Ratio Lower Upper

138 100

108 12.4 11.7 17.5

92 108.3 91.2 136.8



#54

2,4-Dinitrophenol

Concen: 90.602 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

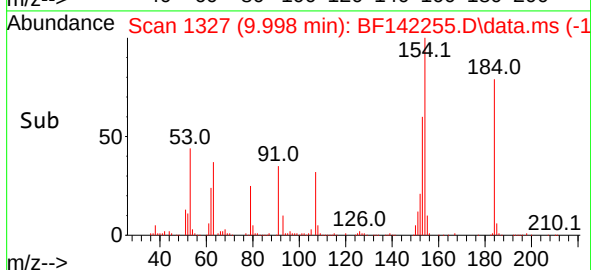
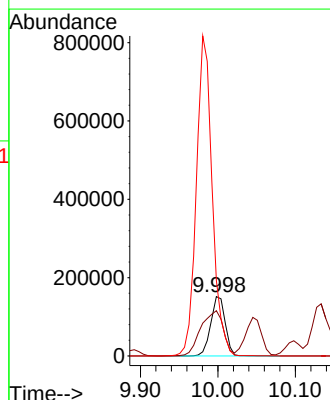
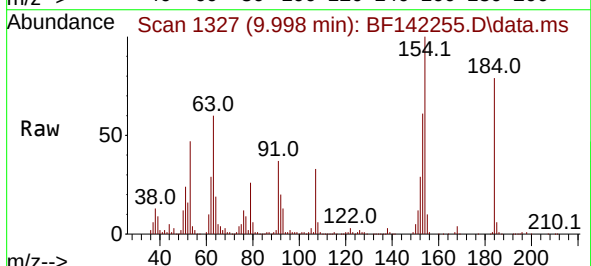
Tgt Ion:184 Resp: 196654

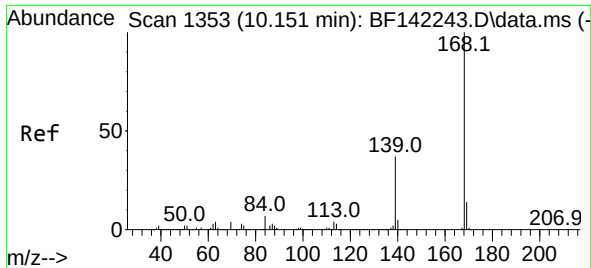
Ion Ratio Lower Upper

184 100

63 76.2 69.2 103.8

154 127.3 271.4 407.2#

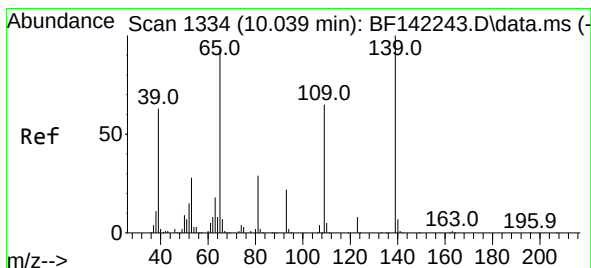
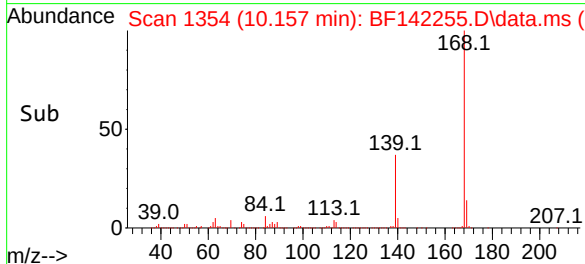
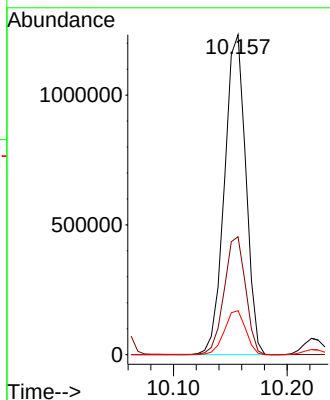
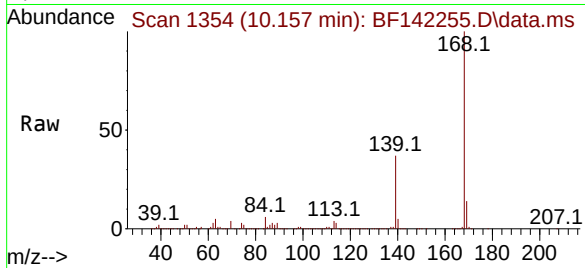




#55  
Dibenzenofuran  
Concen: 39.818 ng  
RT: 10.157 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

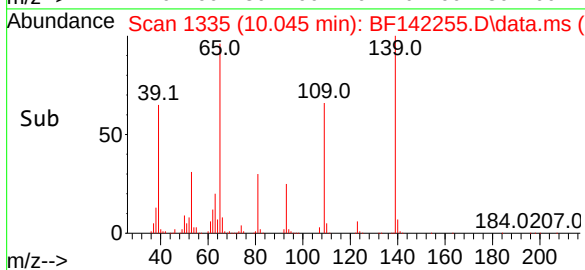
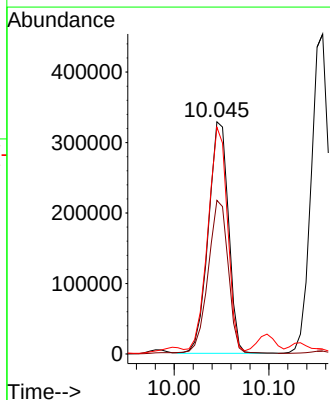
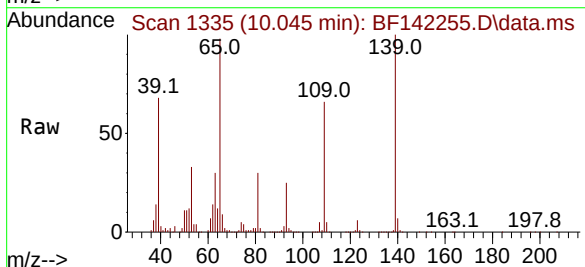
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

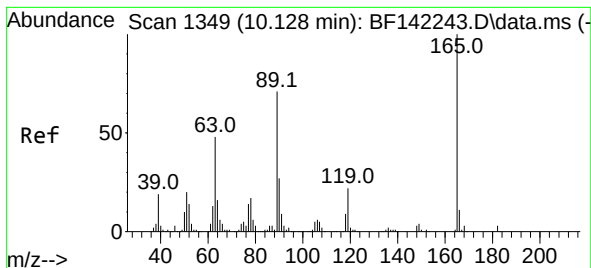
Tgt Ion:168 Resp: 1606504  
Ion Ratio Lower Upper  
168 100  
139 36.8 29.4 44.0  
169 13.8 11.0 16.4



#56  
4-Nitrophenol  
Concen: 101.975 ng  
RT: 10.045 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:139 Resp: 484293  
Ion Ratio Lower Upper  
139 100  
109 66.2 44.9 84.9  
65 97.6 74.7 114.7

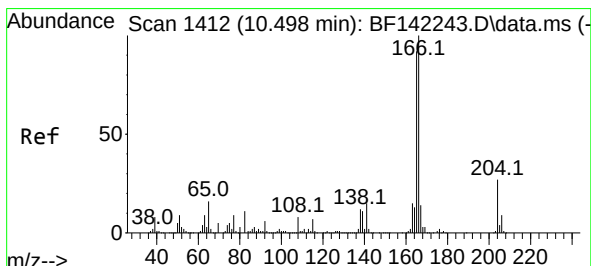
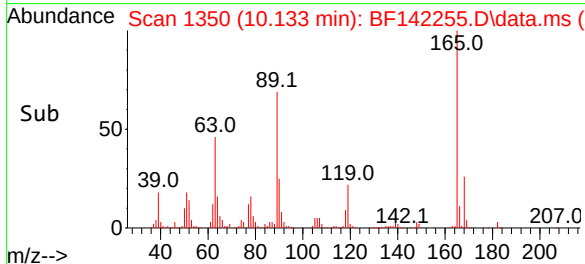
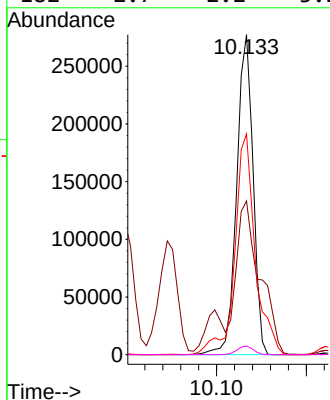
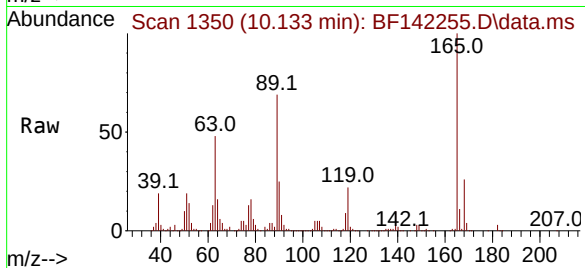




#57  
2,4-Dinitrotoluene  
Concen: 49.818 ng  
RT: 10.133 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

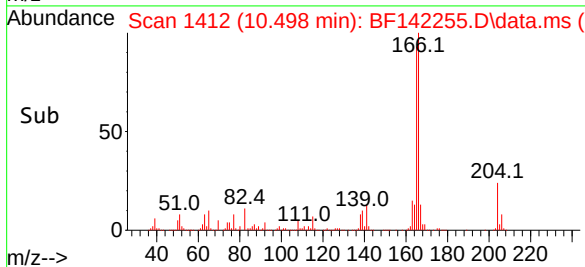
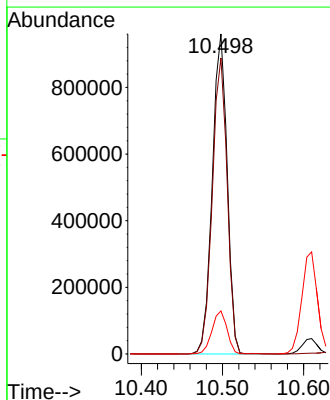
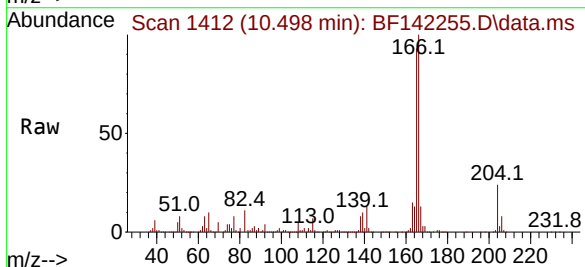
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

Tgt Ion:165 Resp: 350987  
Ion Ratio Lower Upper  
165 100  
63 48.1 38.8 58.2  
89 69.0 57.1 85.7  
182 2.7 2.2 3.2

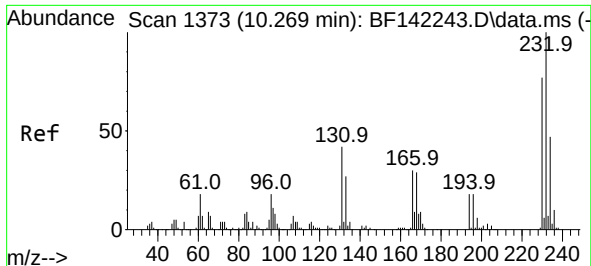


#58  
Fluorene  
Concen: 39.832 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:166 Resp: 1221943  
Ion Ratio Lower Upper  
166 100  
165 92.5 73.9 110.9  
167 13.5 10.8 16.2



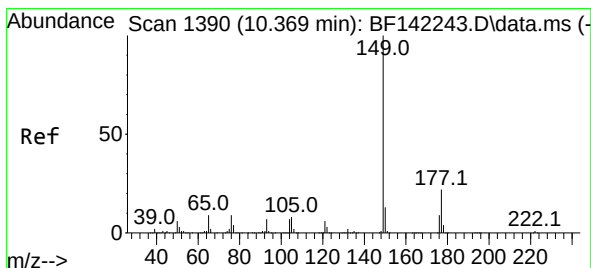
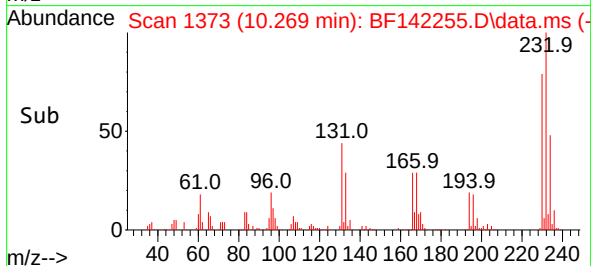
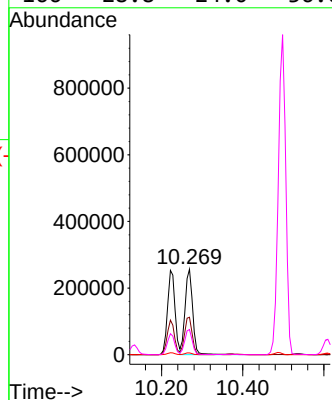
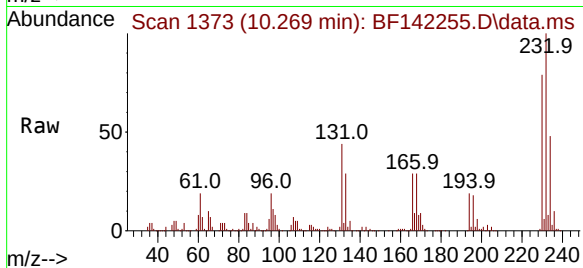




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.019 ng  
RT: 10.269 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

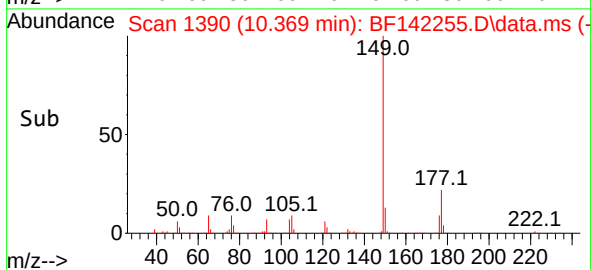
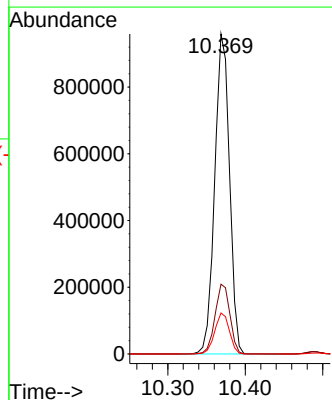
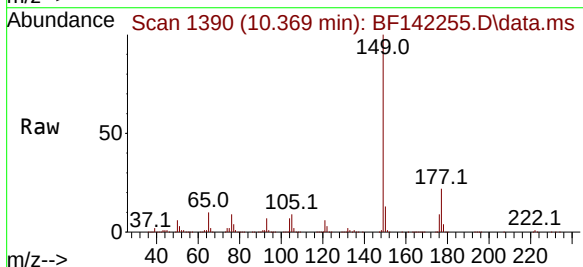
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

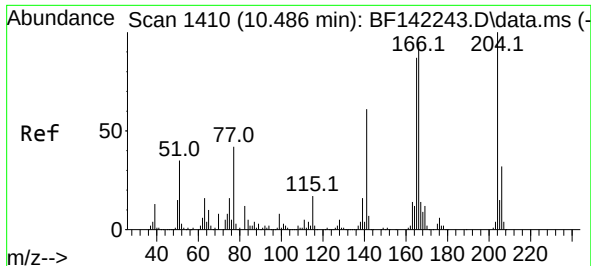
Tgt Ion:232 Resp: 330098  
Ion Ratio Lower Upper  
232 100  
131 44.4 35.9 53.9  
130 2.1 1.8 2.6  
166 28.8 24.0 36.0



#60  
Diethylphthalate  
Concen: 42.490 ng  
RT: 10.369 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:149 Resp: 1267747  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.6 26.4  
150 12.8 10.2 15.2

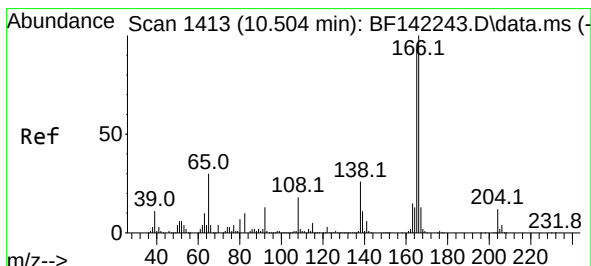
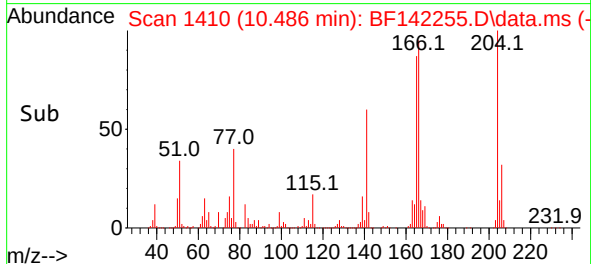
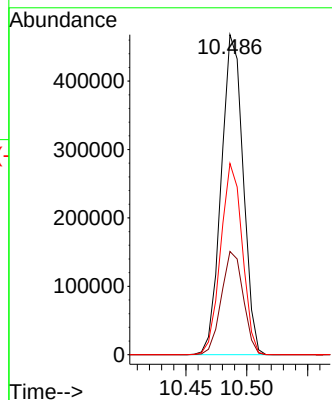
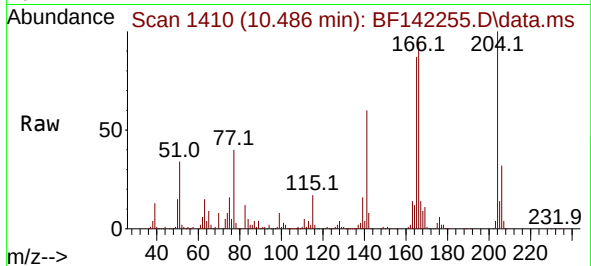




#61  
4-Chlorophenyl-phenylether  
Concen: 40.172 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

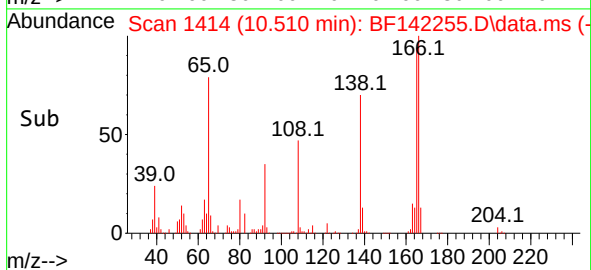
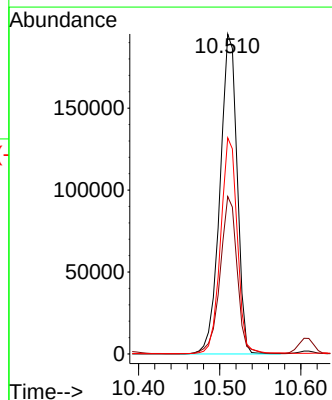
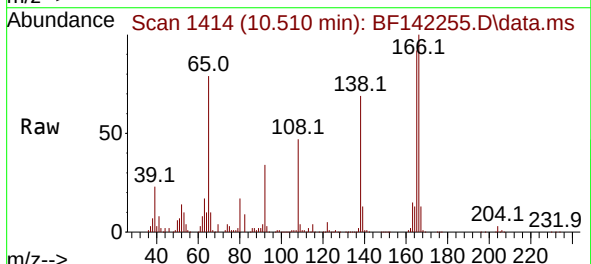
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

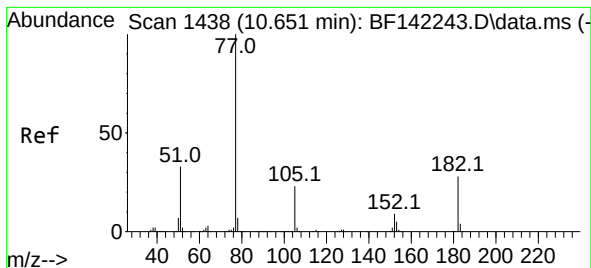
Tgt Ion:204 Resp: 585254  
Ion Ratio Lower Upper  
204 100  
206 32.3 25.6 38.4  
141 59.8 48.9 73.3



#62  
4-Nitroaniline  
Concen: 44.888 ng  
RT: 10.510 min Scan# 1414  
Delta R.T. 0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:138 Resp: 286425  
Ion Ratio Lower Upper  
138 100  
92 49.2 29.2 69.2  
108 67.6 49.1 89.1





#63

Azobenzene

Concen: 41.009 ng

RT: 10.651 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

Tgt Ion: 77 Resp: 1208231

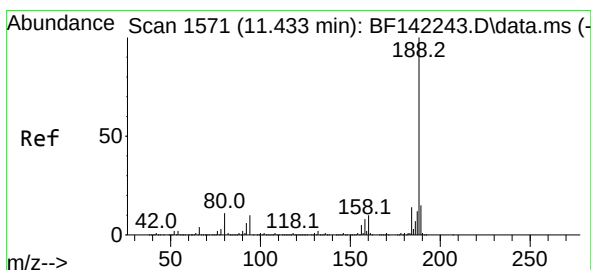
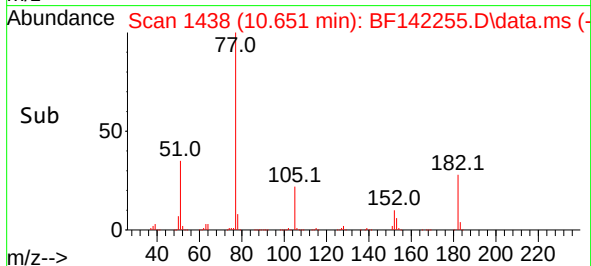
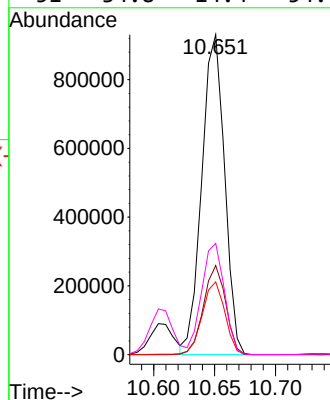
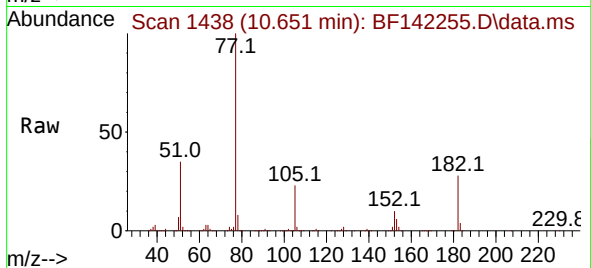
Ion Ratio Lower Upper

77 100

182 27.8 7.3 47.3

105 22.7 2.5 42.5

51 34.8 14.4 54.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

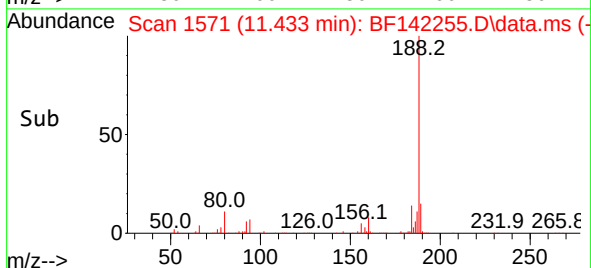
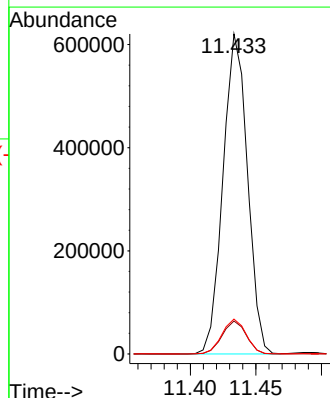
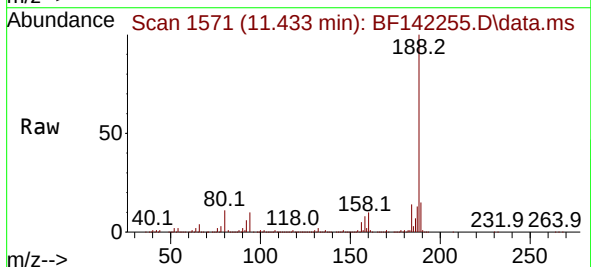
Tgt Ion: 188 Resp: 804874

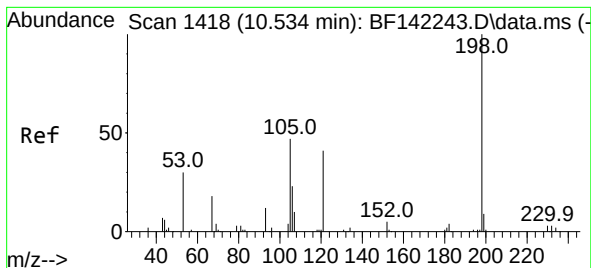
Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.9 8.6 12.8

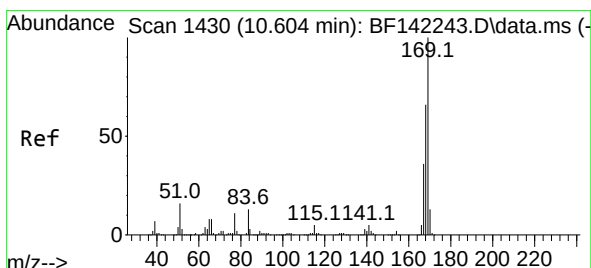
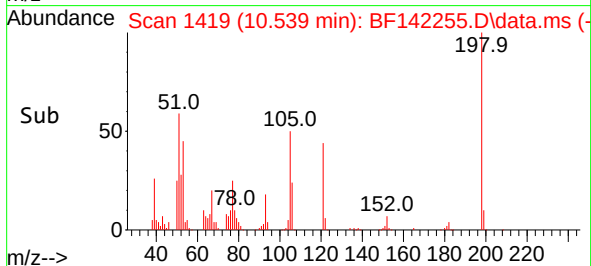
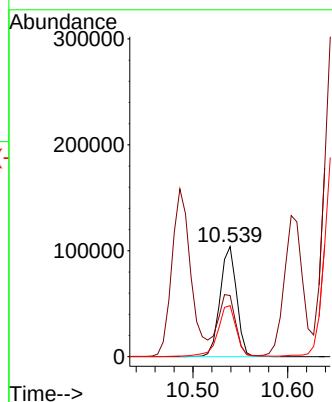
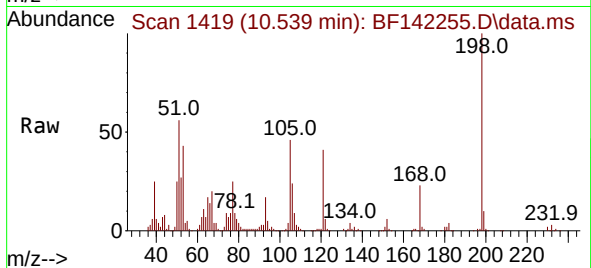




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.699 ng  
RT: 10.539 min Scan# 1418  
Delta R.T. 0.005 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

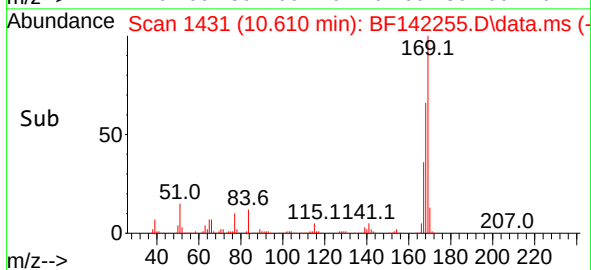
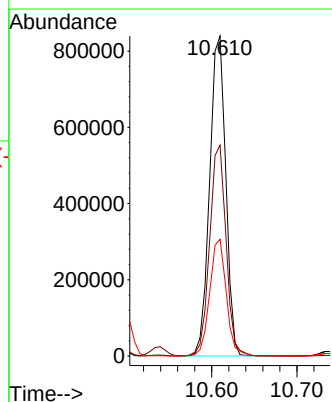
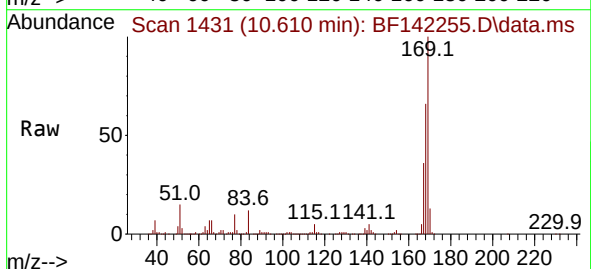
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

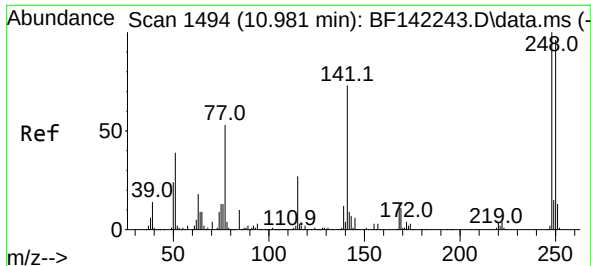
Tgt Ion:198 Resp: 126239  
Ion Ratio Lower Upper  
198 100  
51 55.6 40.6 80.6  
105 46.4 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 40.164 ng  
RT: 10.610 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:169 Resp: 1104532  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.0 79.6  
167 36.5 28.8 43.2

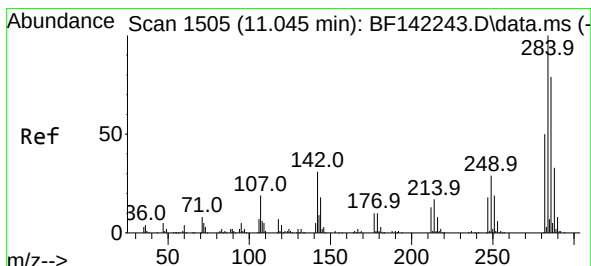
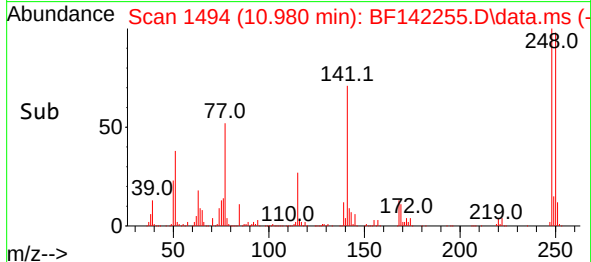
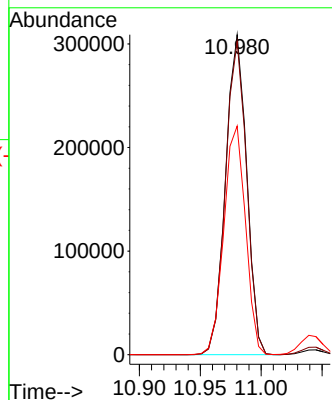
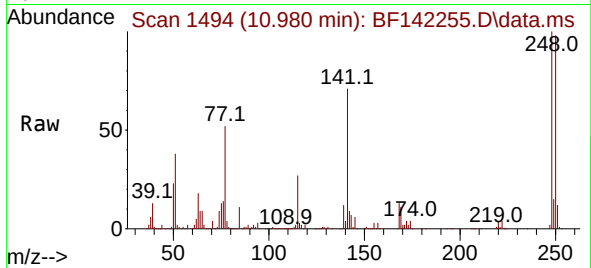




#67  
4-Bromophenyl-phenylether  
Concen: 41.655 ng  
RT: 10.980 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

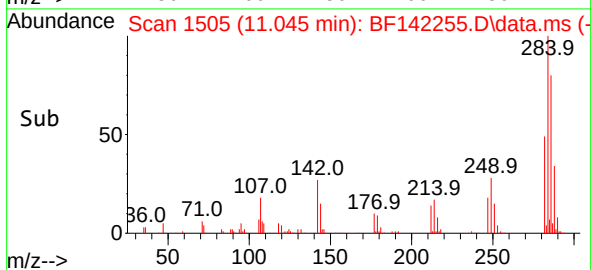
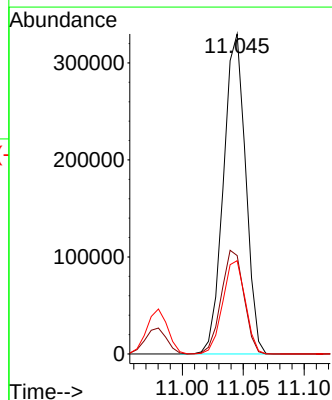
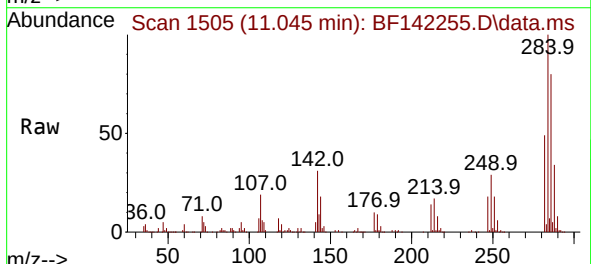
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

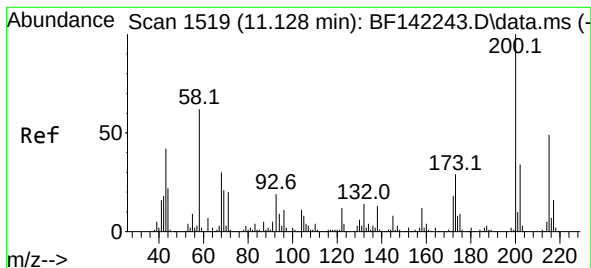
Tgt Ion:248 Resp: 373384  
Ion Ratio Lower Upper  
248 100  
250 97.9 77.2 115.8  
141 71.4 58.4 87.6



#68  
Hexachlorobenzene  
Concen: 41.636 ng  
RT: 11.045 min Scan# 1505  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:284 Resp: 417991  
Ion Ratio Lower Upper  
284 100  
142 30.8 24.6 37.0  
249 29.2 23.2 34.8





#69

Atrazine

Concen: 45.827 ng

RT: 11.133 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

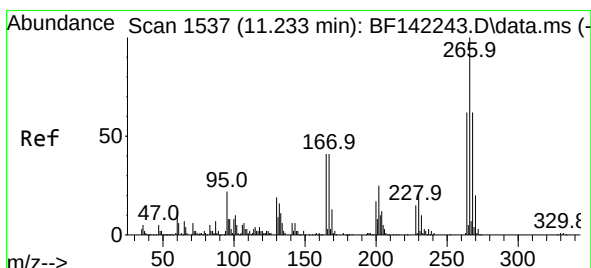
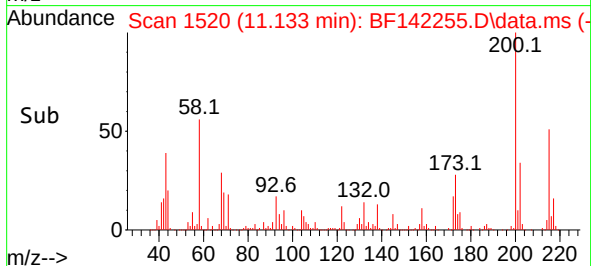
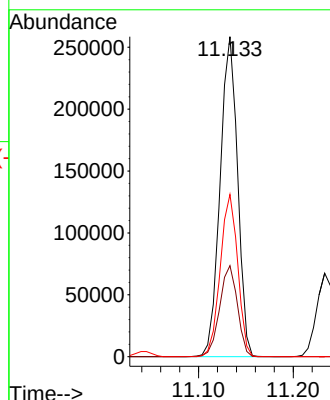
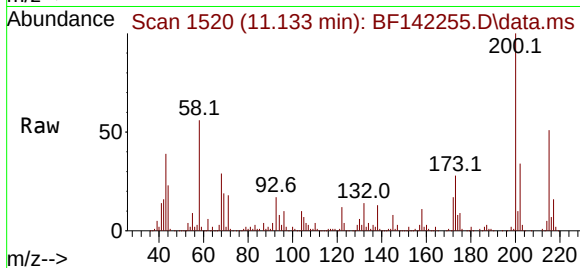
Tgt Ion:200 Resp: 332195

Ion Ratio Lower Upper

200 100

173 28.5 8.6 48.6

215 50.7 28.5 68.5



#70

Pentachlorophenol

Concen: 93.418 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

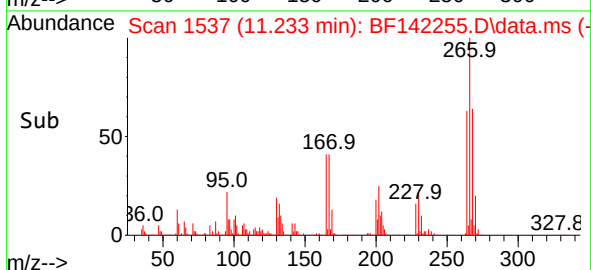
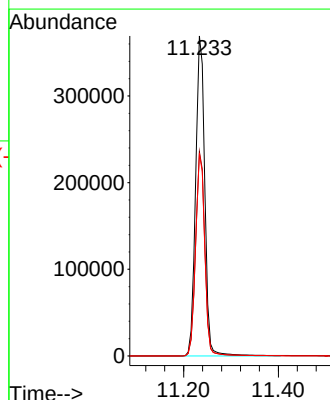
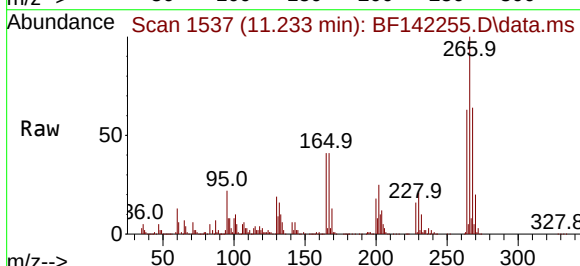
Tgt Ion:266 Resp: 495448

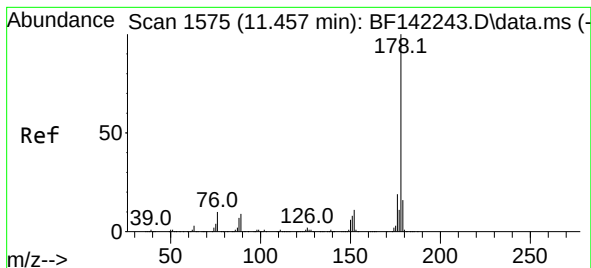
Ion Ratio Lower Upper

266 100

268 63.8 50.0 75.0

264 63.3 49.3 73.9





#71

Phenanthrene

Concen: 40.041 ng

RT: 11.463 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

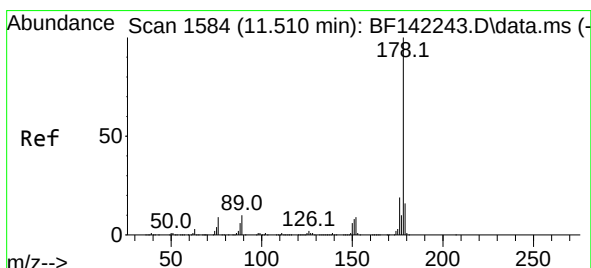
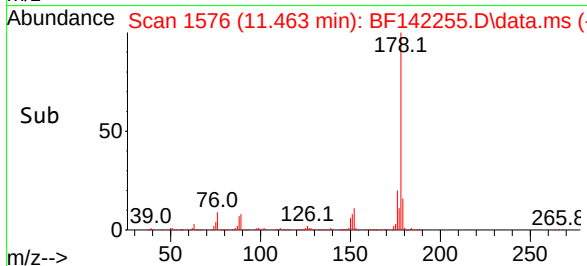
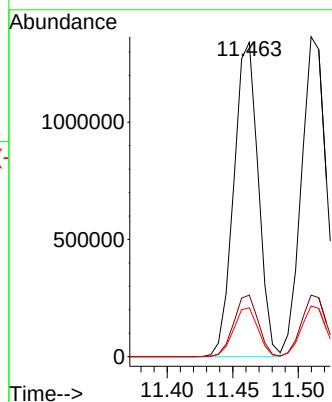
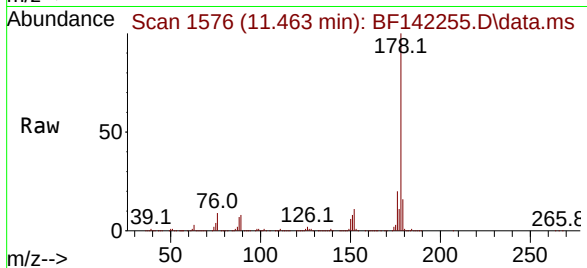
Tgt Ion:178 Resp: 1740817

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.5 12.6 19.0



#72

Anthracene

Concen: 40.180 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

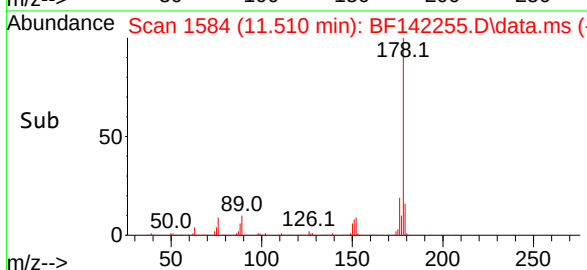
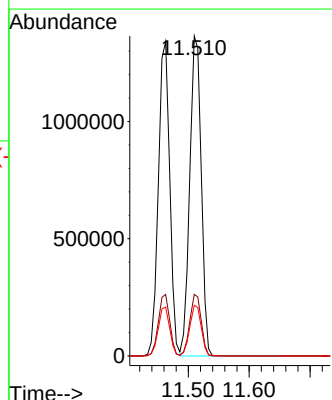
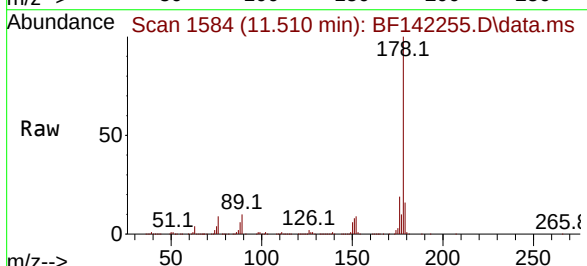
Tgt Ion:178 Resp: 1786049

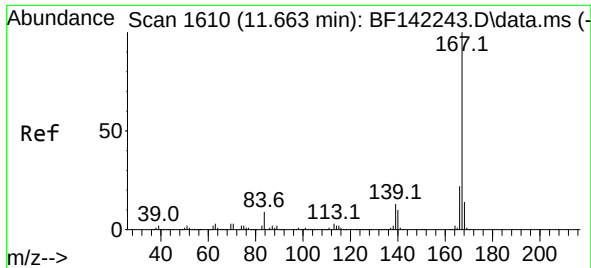
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.9 12.7 19.1



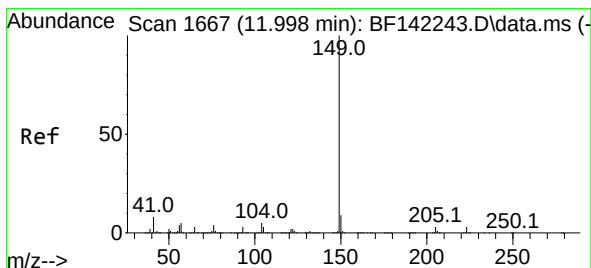
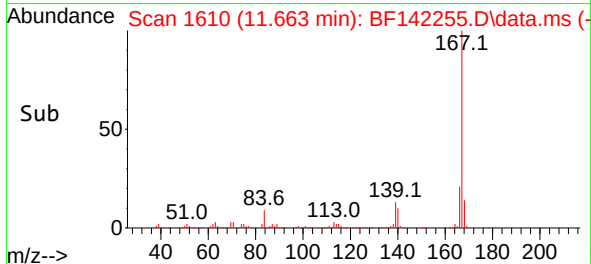
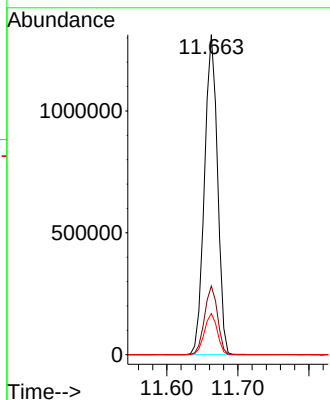
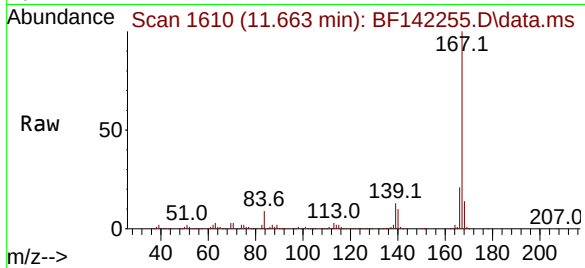


#73  
 Carbazole  
 Concen: 41.368 ng  
 RT: 11.663 min Scan# 1610  
 Delta R.T. -0.000 min  
 Lab File: BF142255.D  
 Acq: 01 May 2025 12:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167810BS

Tgt Ion:167 Resp: 1677441  

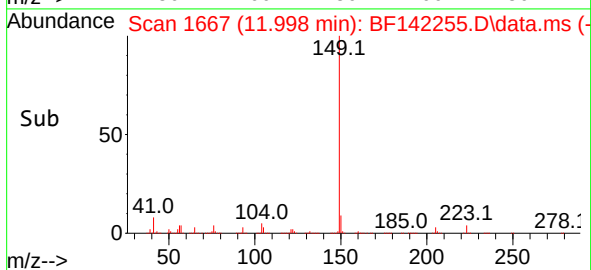
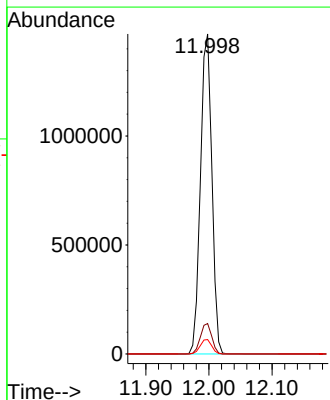
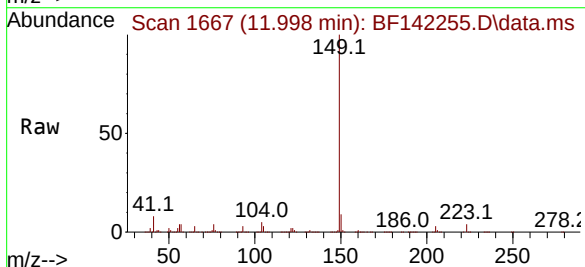
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.3  | 25.9  |
| 139 | 12.9  | 10.3  | 15.5  |



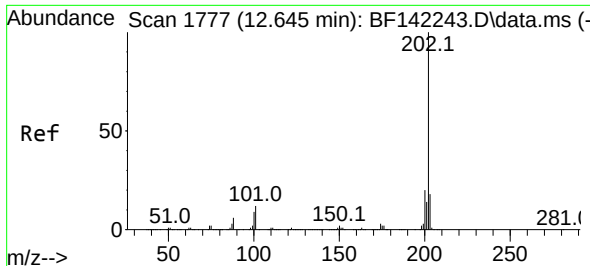
#74  
 Di-n-butylphthalate  
 Concen: 45.113 ng  
 RT: 11.998 min Scan# 1667  
 Delta R.T. -0.000 min  
 Lab File: BF142255.D  
 Acq: 01 May 2025 12:39

Tgt Ion:149 Resp: 1839790  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.5   | 7.5   | 11.3  |
| 104 | 4.5   | 3.6   | 5.4   |



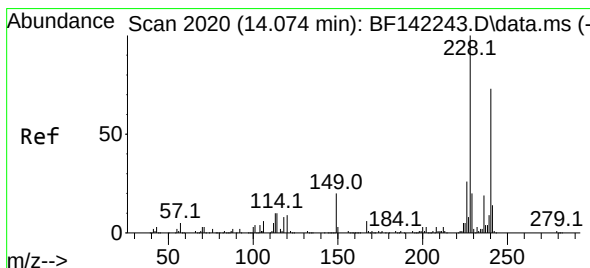
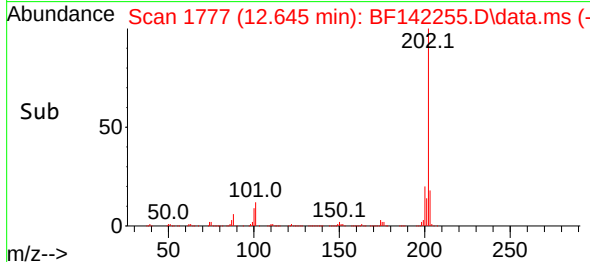
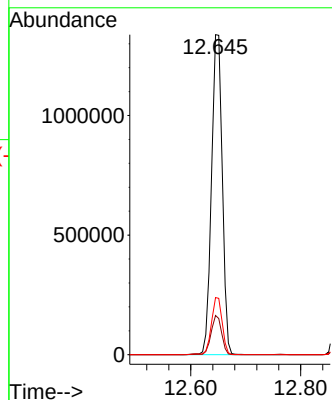
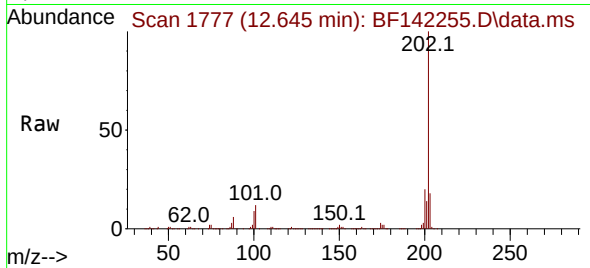




#75  
Fluoranthene  
Concen: 42.331 ng  
RT: 12.645 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

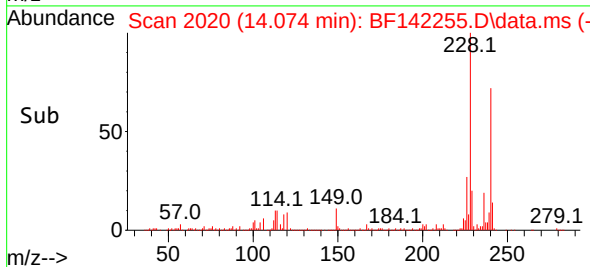
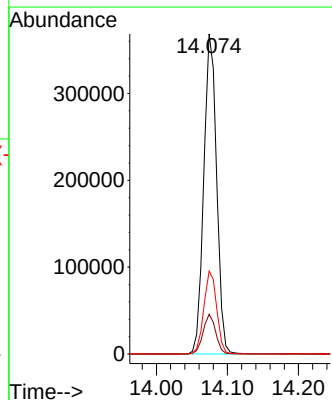
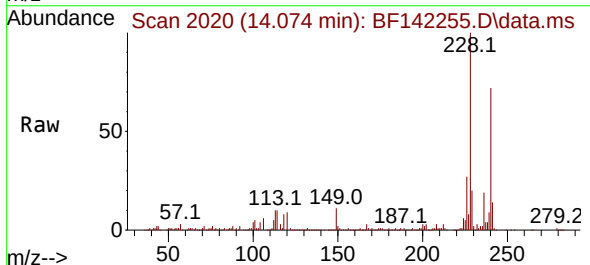
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

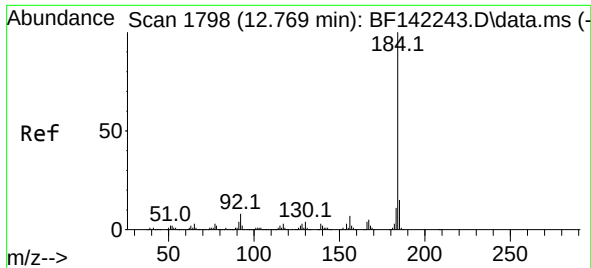
Tgt Ion:202 Resp: 1819275  
Ion Ratio Lower Upper  
202 100  
101 12.3 0.0 32.4  
203 17.9 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 2020  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:240 Resp: 464382  
Ion Ratio Lower Upper  
240 100  
120 12.4 10.1 15.1  
236 25.9 20.5 30.7

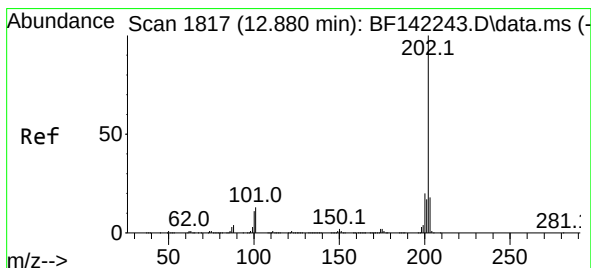
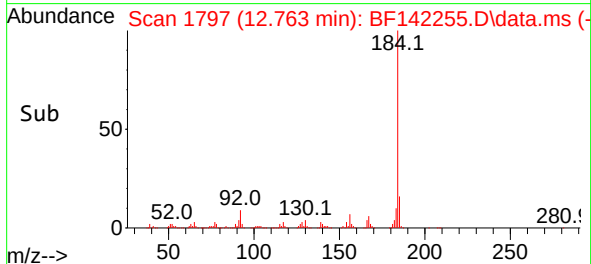
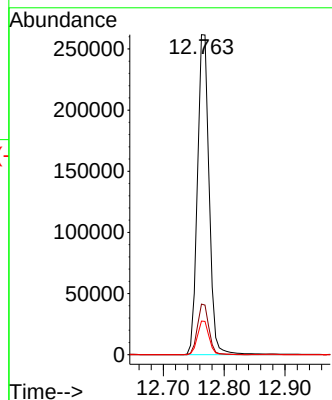
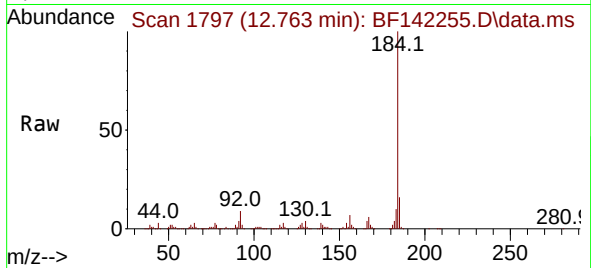




#77  
Benzidine  
Concen: 17.635 ng  
RT: 12.763 min Scan# 1797  
Delta R.T. -0.006 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

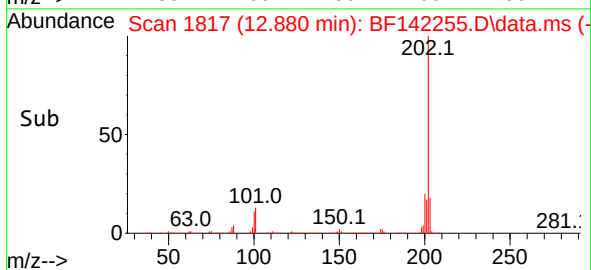
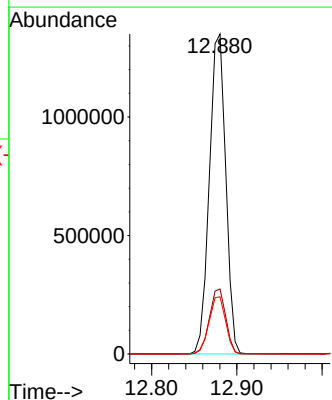
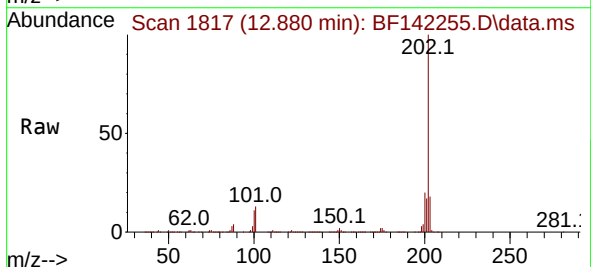
Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

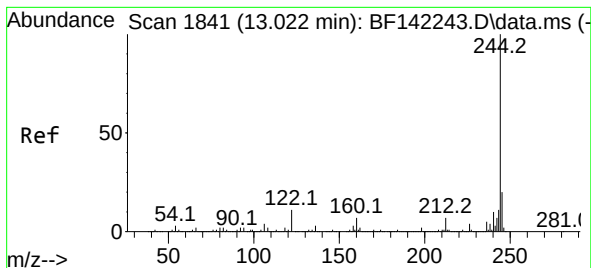
Tgt Ion:184 Resp: 347980  
Ion Ratio Lower Upper  
184 100  
185 15.8 11.8 17.6  
183 10.5 8.9 13.3



#78  
Pyrene  
Concen: 42.103 ng  
RT: 12.880 min Scan# 1817  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:202 Resp: 1803569  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.1 24.1  
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 74.104 ng

RT: 13.021 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

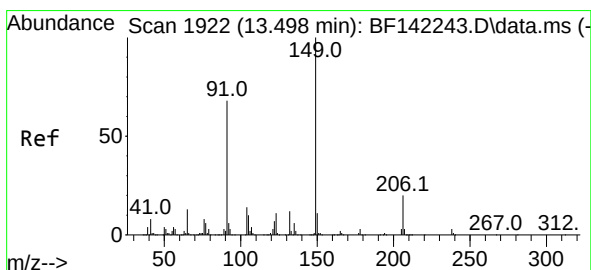
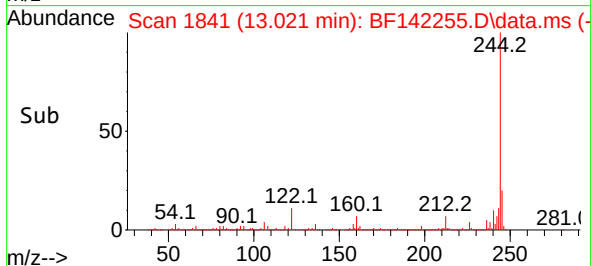
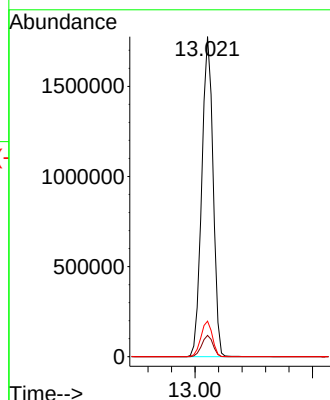
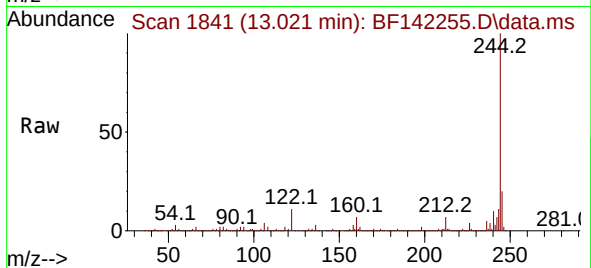
Tgt Ion:244 Resp: 2366082

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 11.1 9.1 13.7



#80

Butylbenzylphthalate

Concen: 45.667 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

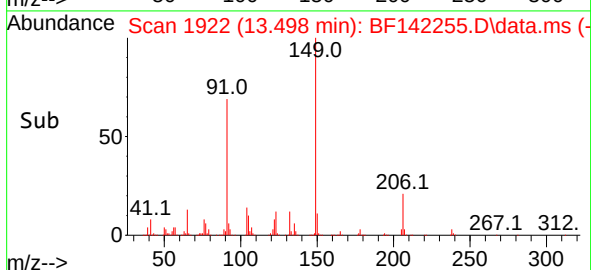
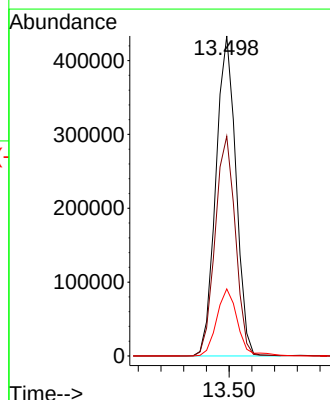
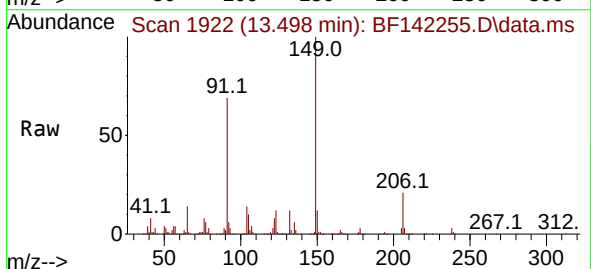
Tgt Ion:149 Resp: 532587

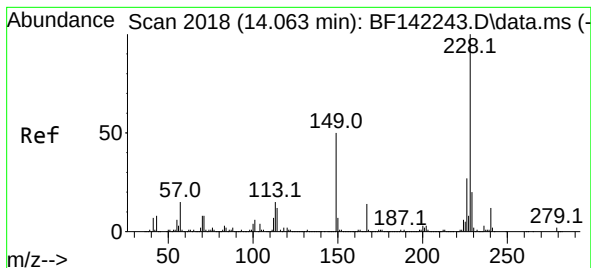
Ion Ratio Lower Upper

149 100

91 68.7 54.4 81.6

206 20.9 15.9 23.9





#81

Benzo(a)anthracene

Concen: 42.672 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

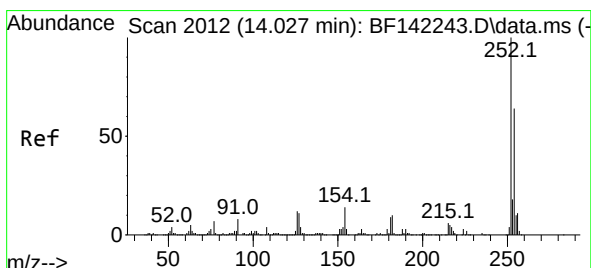
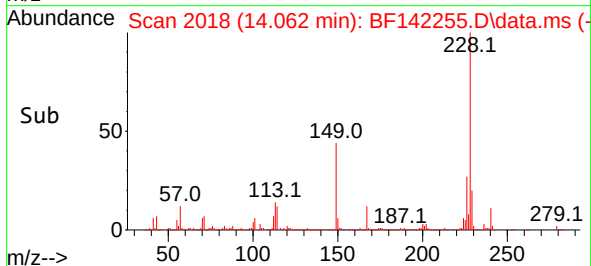
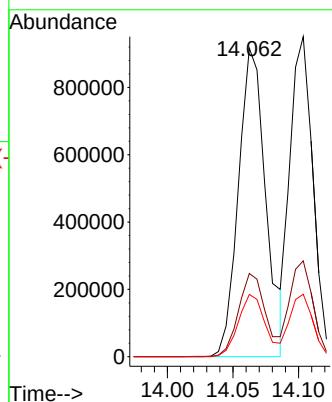
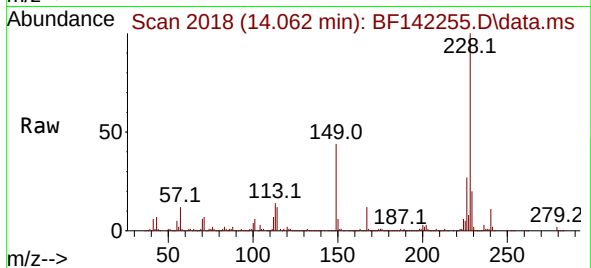
Tgt Ion:228 Resp: 1330282

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 8.154 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

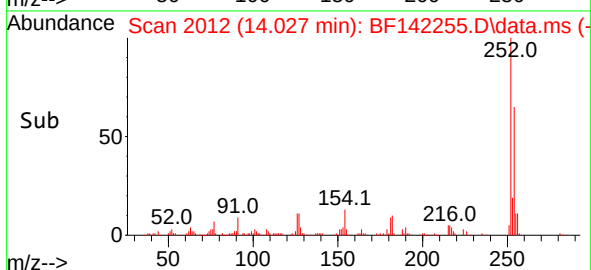
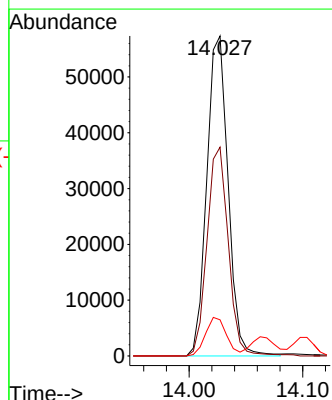
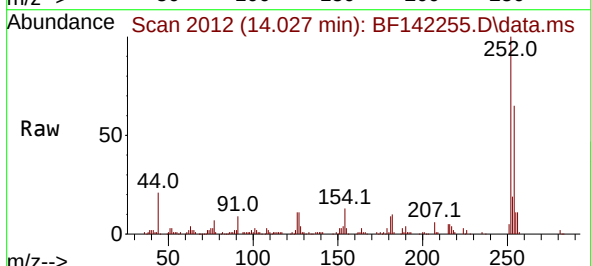
Tgt Ion:252 Resp: 74664

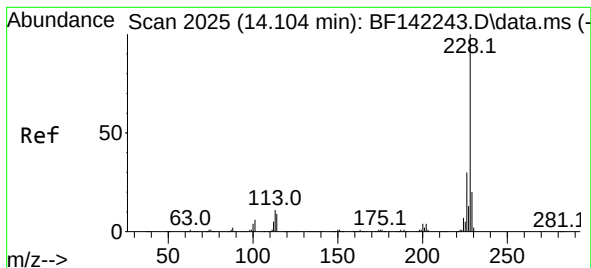
Ion Ratio Lower Upper

252 100

254 65.3 51.0 76.6

126 11.3 9.4 14.2





#83

Chrysene

Concen: 40.631 ng

RT: 14.104 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

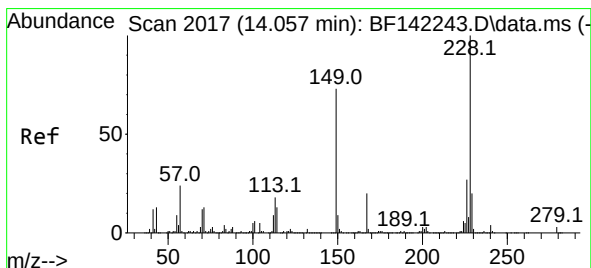
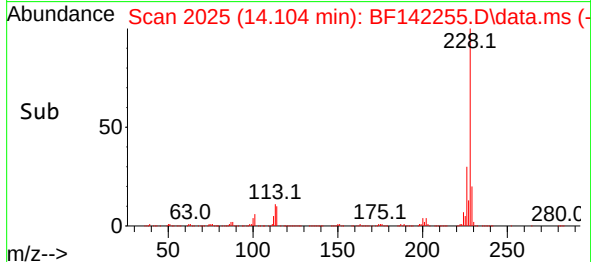
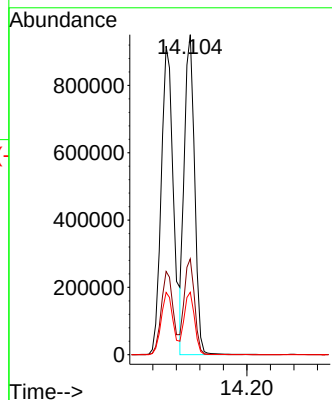
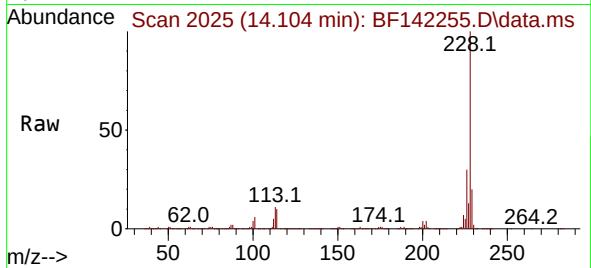
Tgt Ion:228 Resp: 1152993

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.646 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

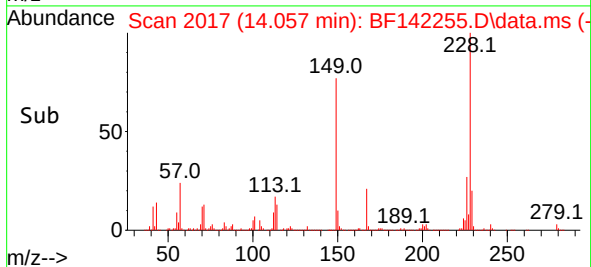
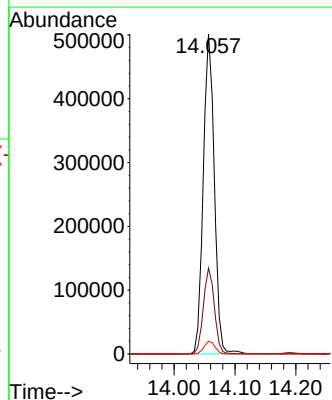
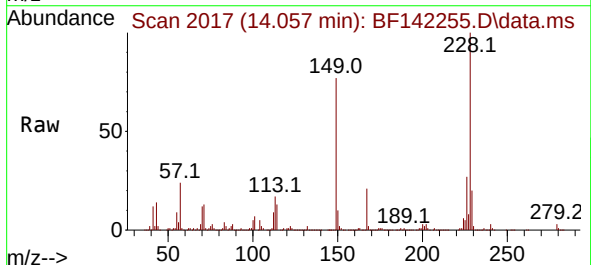
Tgt Ion:149 Resp: 632694

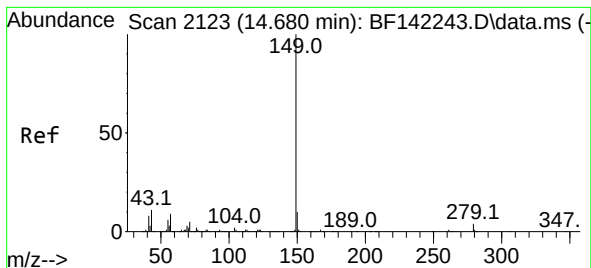
Ion Ratio Lower Upper

149 100

167 26.8 21.7 32.5

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 39.690 ng

RT: 14.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

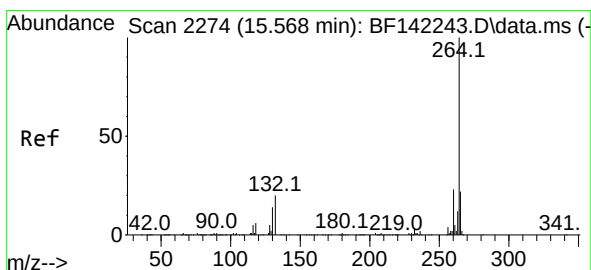
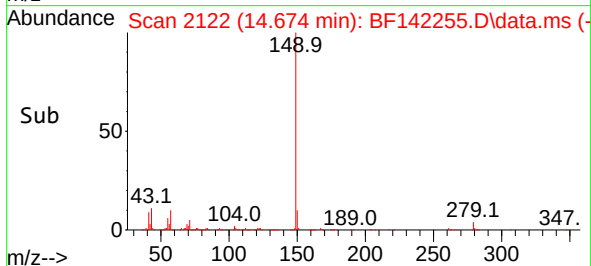
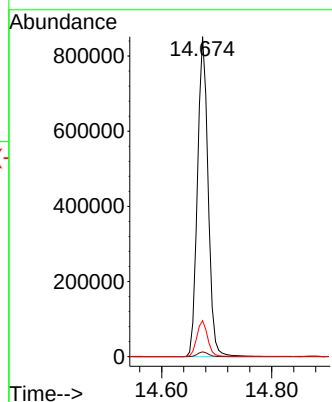
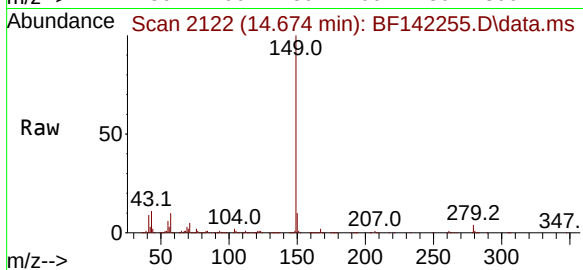
Tgt Ion:149 Resp: 1144596

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.5 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

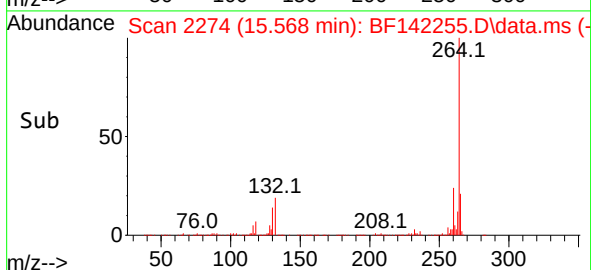
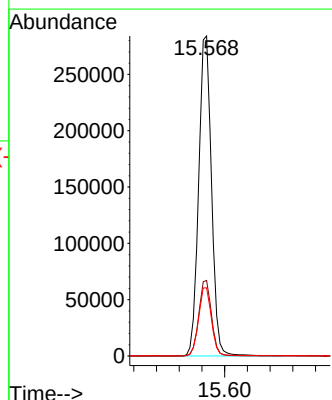
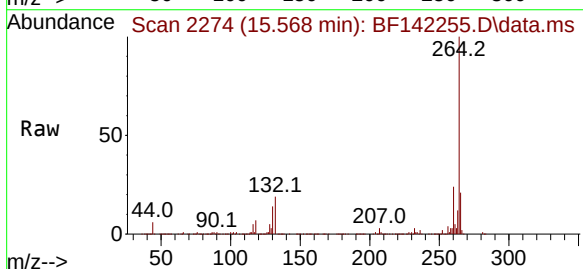
Tgt Ion:264 Resp: 446826

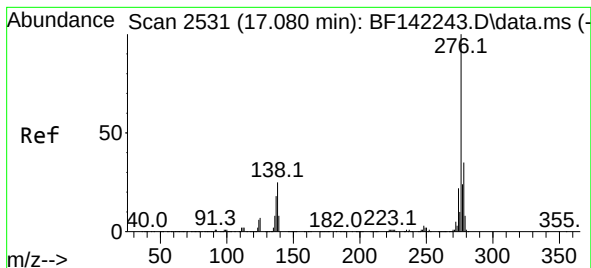
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.010 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

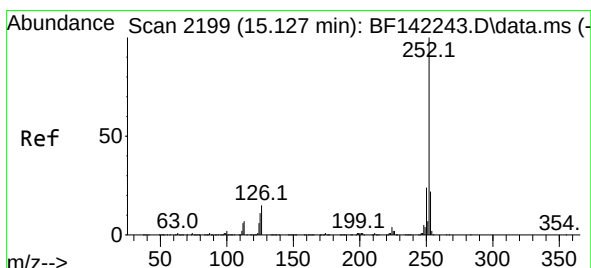
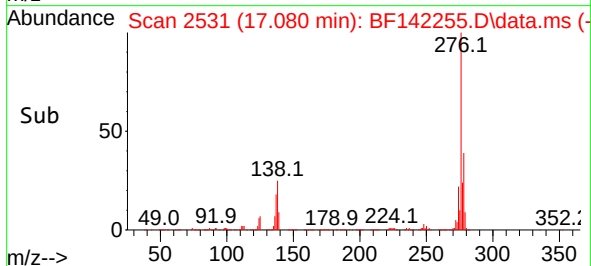
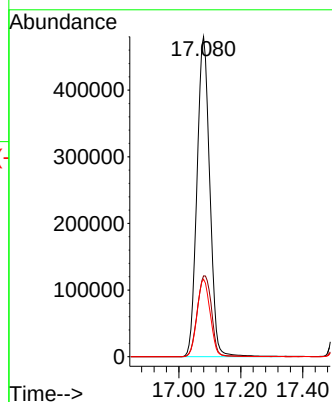
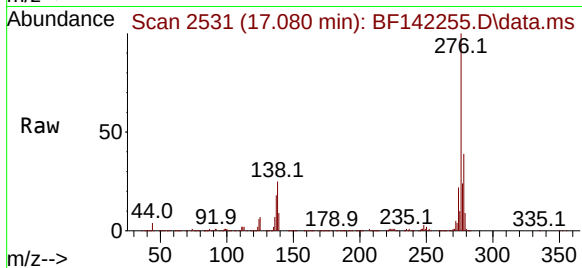
Tgt Ion:276 Resp: 1374940

Ion Ratio Lower Upper

276 100

138 28.3 22.6 33.8

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.510 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

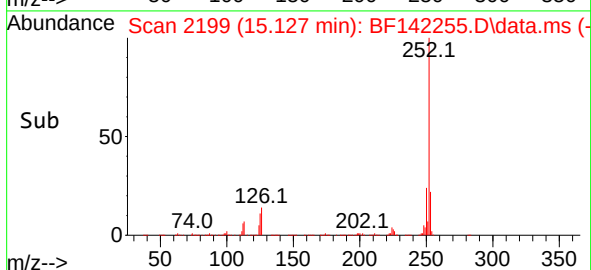
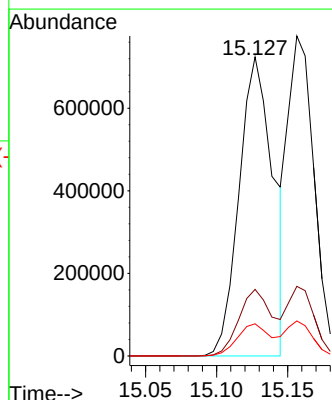
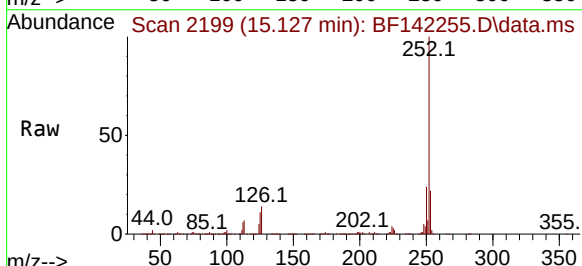
Tgt Ion:252 Resp: 1207610

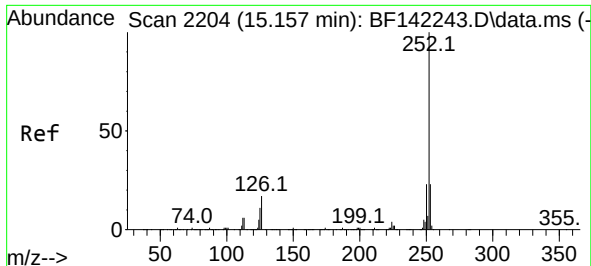
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

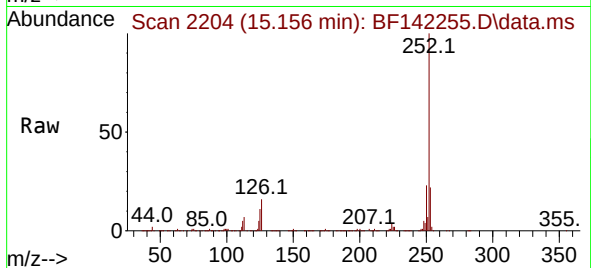
125 10.7 9.0 13.4



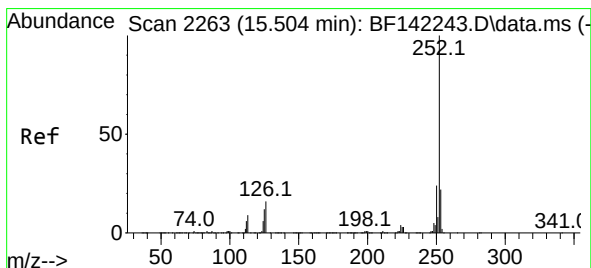
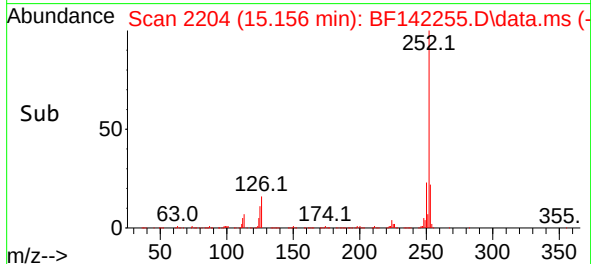
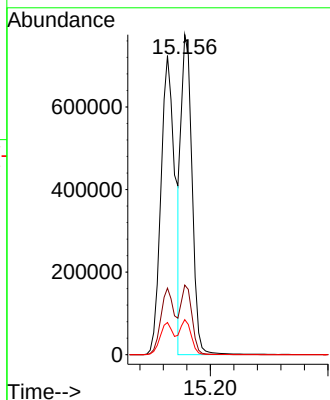


#89  
Benzo(k)fluoranthene  
Concen: 39.540 ng  
RT: 15.156 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB167810BS

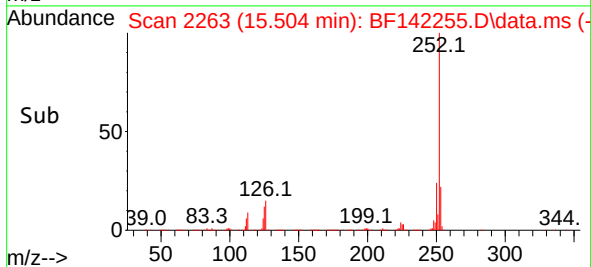
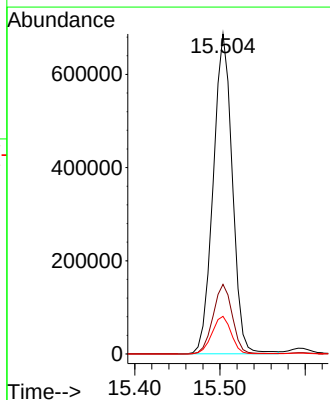
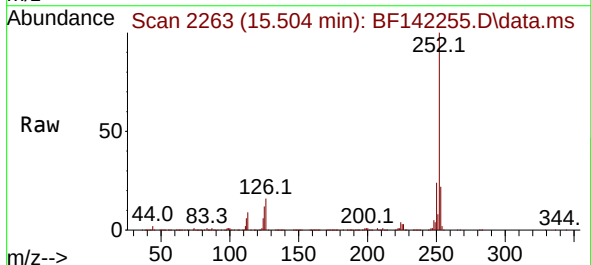


Tgt Ion:252 Resp: 1003805  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 11.0 9.0 13.6

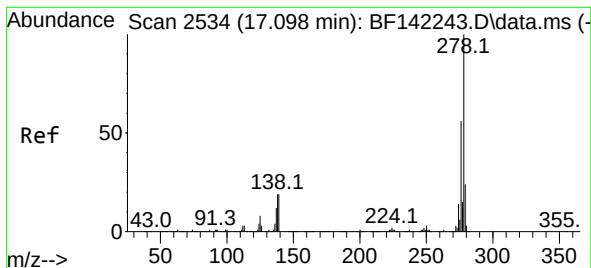


#90  
Benzo(a)pyrene  
Concen: 42.227 ng  
RT: 15.504 min Scan# 2263  
Delta R.T. -0.000 min  
Lab File: BF142255.D  
Acq: 01 May 2025 12:39

Tgt Ion:252 Resp: 1073003  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 11.8 9.5 14.3







#91

Dibenzo(a,h)anthracene

Concen: 41.894 ng

RT: 17.098 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA\_F

ClientSampleId :

PB167810BS

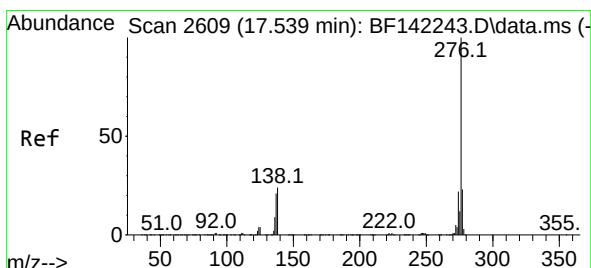
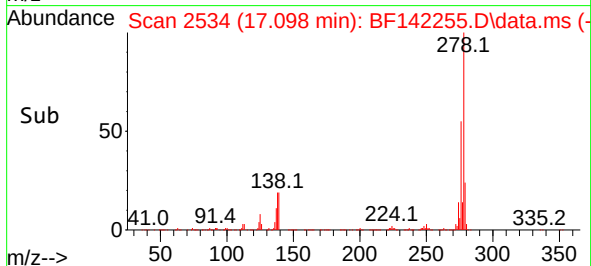
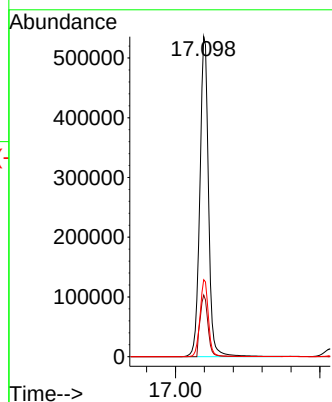
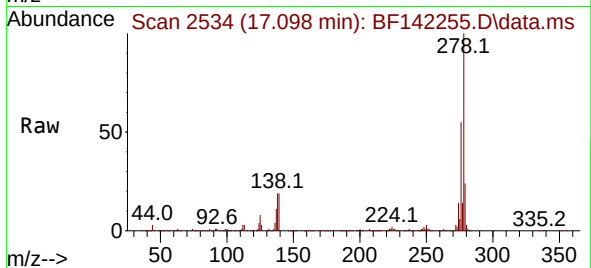
Tgt Ion:278 Resp: 1112811

Ion Ratio Lower Upper

278 100

139 19.3 15.2 22.8

279 24.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 42.026 ng

RT: 17.539 min Scan# 2609

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Tgt Ion:276 Resp: 1122234

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 24.4 19.4 29.0

