

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051425\  
 Data File : BF142366.D  
 Acq On : 14 May 2025 15:20  
 Operator : RC/JU  
 Sample : Q1982-03MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3MS

Quant Time: May 14 15:47:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 155049   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.186  | 136  | 631761   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 370580   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 711855   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 525246   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.557 | 264  | 490879   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 692630   | 76.258 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 882025   | 78.956 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 520318   | 50.229 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 331293   | 92.595 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1192392  | 45.880 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 1573866  | 44.350 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.675  | 88   | 141291   | 34.544 | ng    | 100      |
| 3) Pyridine                   | 3.440  | 79   | 385286   | 40.122 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 225025   | 40.319 | ng    | 98       |
| 6) Aniline                    | 6.563  | 93   | 599443   | 54.708 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.681  | 128  | 441735   | 45.512 | ng    | 99       |
| 9) Benzaldehyde               | 6.451  | 77   | 266588   | 40.774 | ng    | 100      |
| 10) Phenol                    | 6.534  | 94   | 576407   | 48.677 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 408748   | 35.004 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.839  | 146  | 464430   | 41.825 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.916  | 146  | 465991   | 41.797 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 451963   | 42.234 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.039  | 79   | 356796   | 49.324 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 713977   | 40.944 | ng    | 100      |
| 17) 2-Methylphenol            | 7.145  | 107  | 351851   | 44.777 | ng    | 99       |
| 18) Hexachloroethane          | 7.416  | 117  | 161853   | 43.632 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 298725   | 43.231 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 448388   | 45.721 | ng    | 99       |
| 22) Acetophenone              | 7.310  | 105  | 581115   | 41.370 | ng    | 100      |
| 24) Nitrobenzene              | 7.481  | 77   | 441270   | 45.191 | ng    | 98       |
| 25) Isophorone                | 7.722  | 82   | 845033   | 43.079 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.798  | 139  | 230474   | 48.886 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.834  | 122  | 433405   | 43.945 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.934  | 93   | 522841   | 41.451 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 387626   | 46.229 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.122  | 180  | 391460   | 41.484 | ng    | 99       |
| 31) Naphthalene               | 8.210  | 128  | 1287929  | 42.063 | ng    | 99       |
| 32) Benzoic acid              | 7.939  | 122  | 305779m  | 55.318 | ng    |          |
| 33) 4-Chloroaniline           | 8.251  | 127  | 217014   | 17.370 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.322  | 225  | 234355   | 41.941 | ng    | 99       |
| 35) Caprolactam               | 8.616  | 113  | 141799m  | 58.026 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 417111   | 47.855 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 823265   | 43.271 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 854916   | 43.112 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.063  | 216  | 408491   | 39.468 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.051  | 237  | 541888   | 84.716 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 294187   | 45.063 | ng    | 98       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

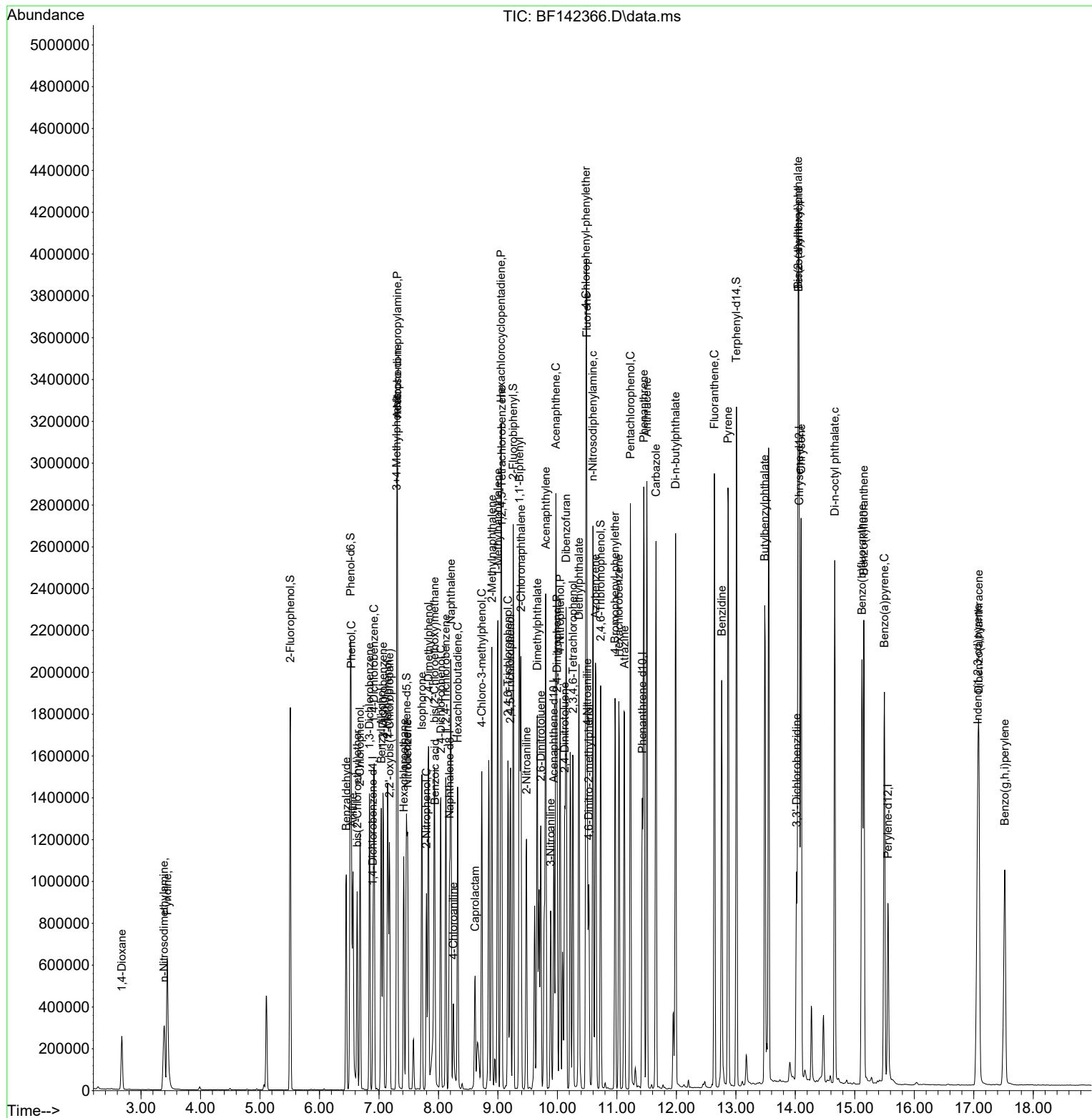
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 321618   | 46.301  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 1158375  | 40.768  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 851834   | 40.313  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.480  | 65   | 274081   | 50.603  | ng    | 91       |
| 49) Acenaphthylene            | 9.804  | 152  | 1497053  | 42.351  | ng    | 100      |
| 50) Dimethylphthalate         | 9.663  | 163  | 1072664  | 45.078  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.722  | 165  | 236587   | 53.116  | ng    | 90       |
| 52) Acenaphthene              | 9.975  | 154  | 1006646  | 47.361  | ng    | 100      |
| 53) 3-Nitroaniline            | 9.886  | 138  | 199348   | 38.161  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 286965   | 119.014 | ng    | # 3      |
| 55) Dibenzofuran              | 10.145 | 168  | 1332401  | 42.476  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.045 | 139  | 472127   | 120.085 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 335471   | 58.716  | ng    | 98       |
| 58) Fluorene                  | 10.492 | 166  | 1031269  | 43.079  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.263 | 232  | 294911   | 51.430  | ng    | 97       |
| 60) Diethylphthalate          | 10.363 | 149  | 1111846  | 46.787  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204  | 499460   | 43.246  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.504 | 138  | 275293   | 66.491  | ng    | 99       |
| 63) Azobenzene                | 10.639 | 77   | 1067468  | 47.008  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198  | 182251   | 53.887  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.598 | 169  | 957255   | 40.411  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.969 | 248  | 332268   | 41.185  | ng    | 99       |
| 68) Hexachlorobenzene         | 11.033 | 284  | 375399   | 42.302  | ng    | 98       |
| 69) Atrazine                  | 11.127 | 200  | 315199   | 50.479  | ng    | 99       |
| 70) Pentachlorophenol         | 11.227 | 266  | 477233   | 102.224 | ng    | 98       |
| 71) Phenanthrene              | 11.451 | 178  | 1558066  | 41.756  | ng    | 100      |
| 72) Anthracene                | 11.504 | 178  | 1581175  | 41.241  | ng    | 100      |
| 73) Carbazole                 | 11.657 | 167  | 1524800  | 44.329  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 1876651  | 51.885  | ng    | 100      |
| 75) Fluoranthene              | 12.639 | 202  | 1740035  | 46.650  | ng    | 99       |
| 77) Benzidine                 | 12.763 | 184  | 1084279  | 113.594 | ng    | 98       |
| 78) Pyrene                    | 12.868 | 202  | 1750839  | 37.450  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 763189   | 55.331  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 1482251  | 43.576  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.021 | 252  | 294906   | 37.281  | ng    | 99       |
| 83) Chrysene                  | 14.098 | 228  | 1295990  | 40.927  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 1043286  | 57.772  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.662 | 149  | 1689536  | 51.966  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.068 | 276  | 1251333  | 36.645  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 1425761  | 47.956  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 1127681  | 41.448  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 1206289  | 45.278  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.086 | 278  | 1024841  | 36.328  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.521 | 276  | 953165   | 34.043  | ng    | 98       |

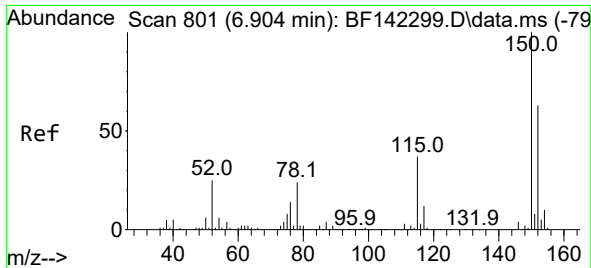
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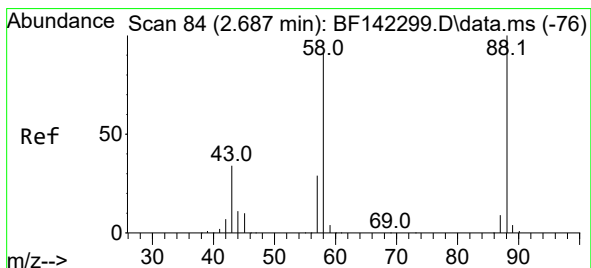
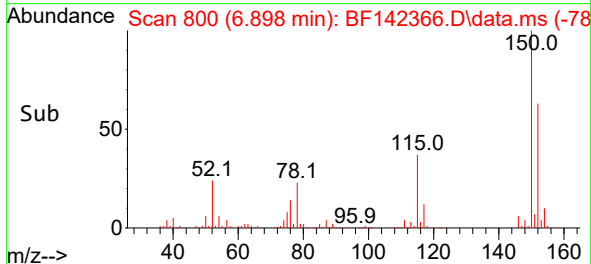
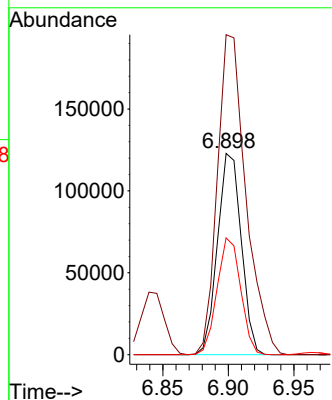
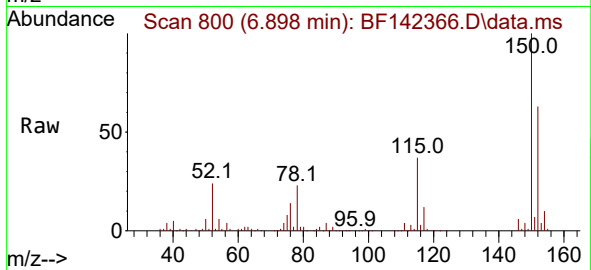




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.898 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF142366.D  
 Acq: 14 May 2025 15:20

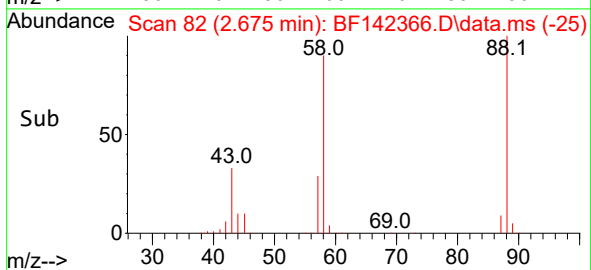
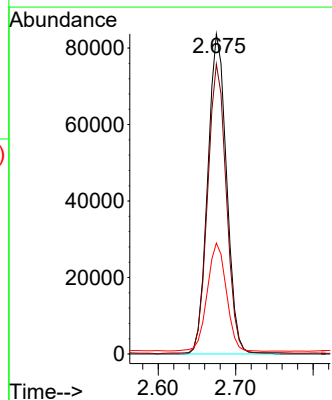
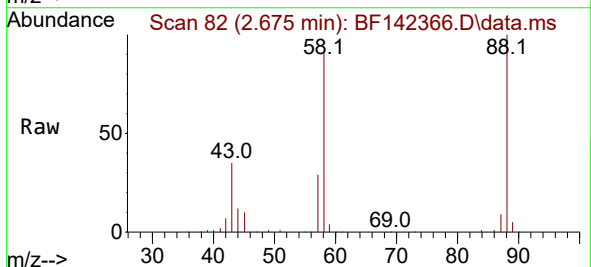
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3MS

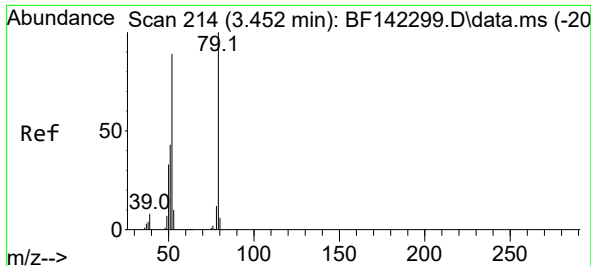
Tgt Ion:152 Resp: 155049  
 Ion Ratio Lower Upper  
 152 100  
 150 159.0 126.6 190.0  
 115 58.0 47.3 70.9



#2  
 1,4-Dioxane  
 Concen: 34.544 ng  
 RT: 2.675 min Scan# 82  
 Delta R.T. -0.012 min  
 Lab File: BF142366.D  
 Acq: 14 May 2025 15:20

Tgt Ion: 88 Resp: 141291  
 Ion Ratio Lower Upper  
 88 100  
 58 91.3 73.0 109.4  
 43 34.4 27.8 41.6

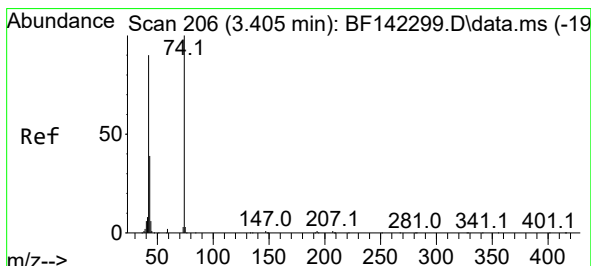
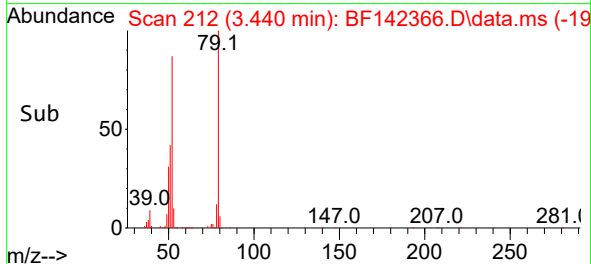
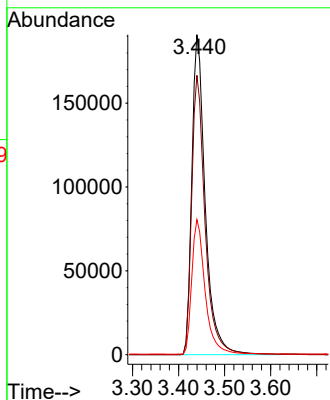
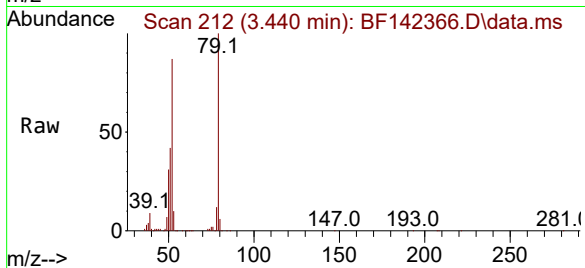




#3  
Pyridine  
Concen: 40.122 ng  
RT: 3.440 min Scan# 214  
Delta R.T. -0.012 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

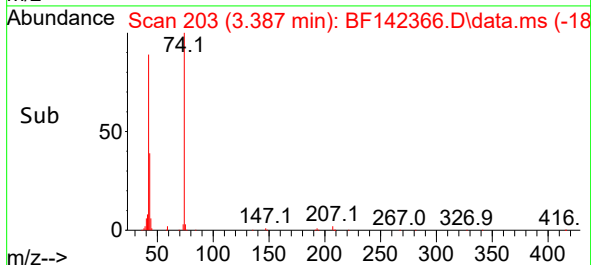
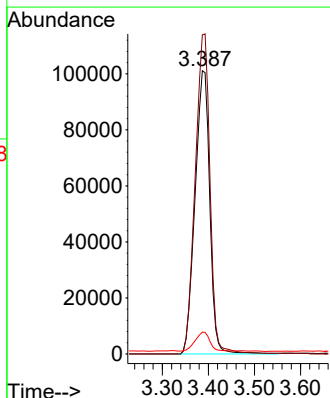
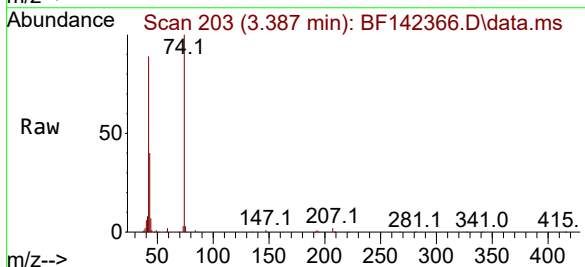
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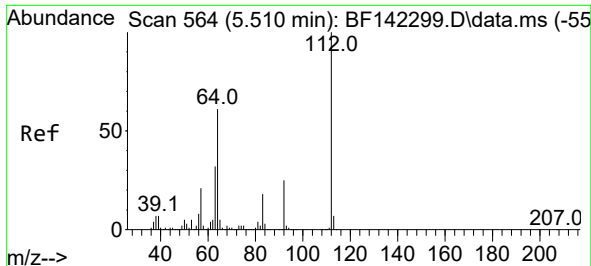
Tgt Ion: 79 Resp: 385286  
Ion Ratio Lower Upper  
79 100  
52 87.3 71.0 106.4  
51 42.2 34.9 52.3



#4  
n-Nitrosodimethylamine  
Concen: 40.319 ng  
RT: 3.387 min Scan# 203  
Delta R.T. -0.018 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion: 42 Resp: 225025  
Ion Ratio Lower Upper  
42 100  
74 112.7 88.5 132.7  
44 7.7 5.8 8.8

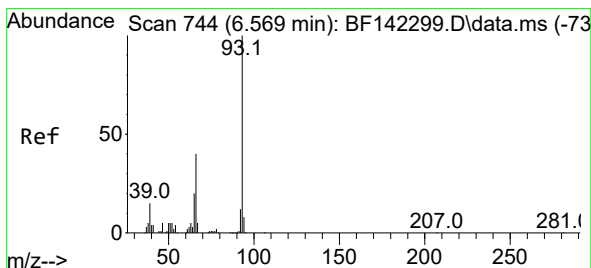
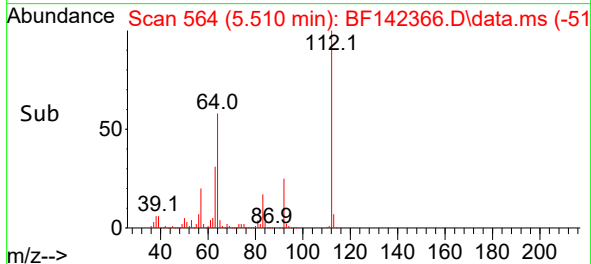
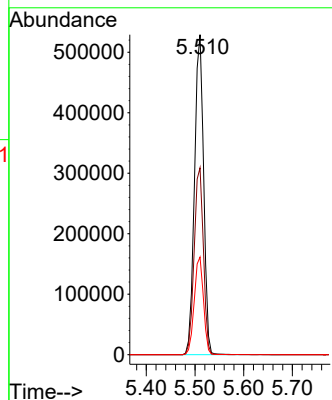
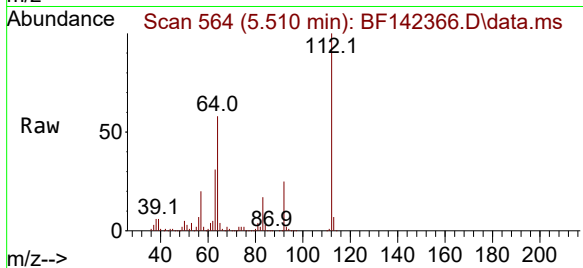




#5  
2-Fluorophenol  
Concen: 76.258 ng  
RT: 5.510 min Scan# 510  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

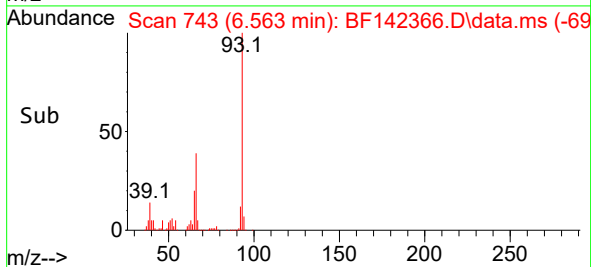
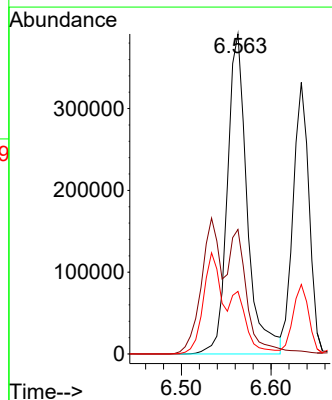
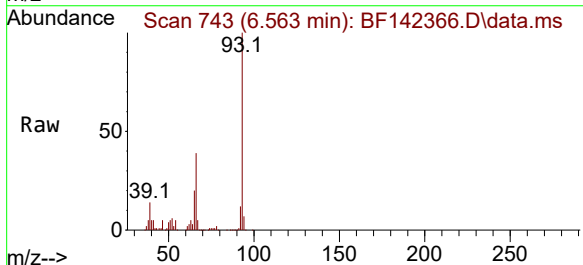
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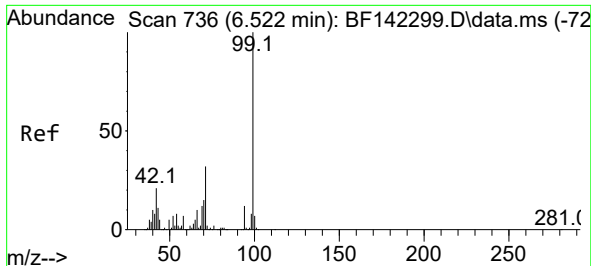
Tgt Ion:112 Resp: 692630  
Ion Ratio Lower Upper  
112 100  
64 58.4 48.9 73.3  
63 30.5 25.6 38.4



#6  
Aniline  
Concen: 54.708 ng  
RT: 6.563 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion: 93 Resp: 599443  
Ion Ratio Lower Upper  
93 100  
66 38.9 32.2 48.4  
65 19.5 16.3 24.5

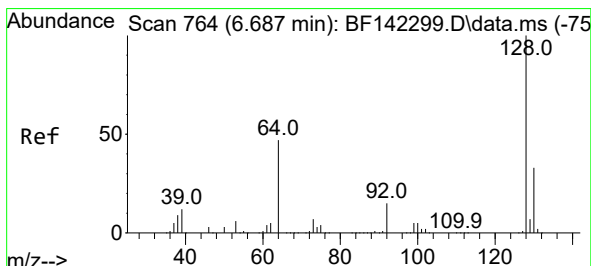
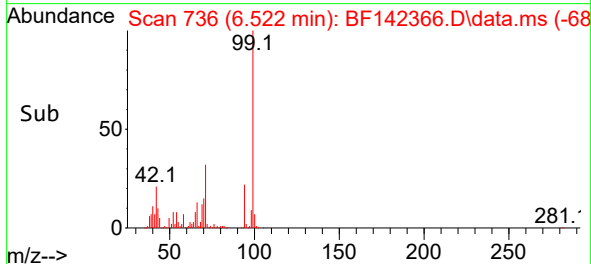
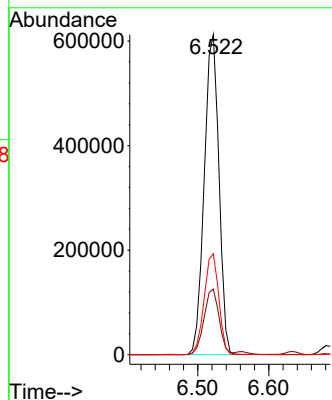
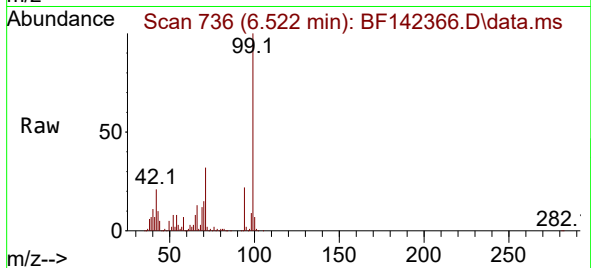




#7  
Phenol-d6  
Concen: 78.956 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

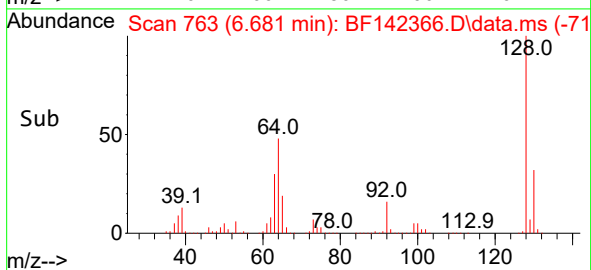
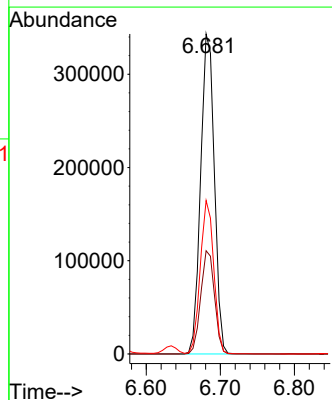
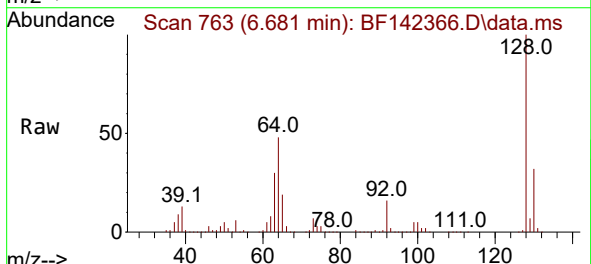
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BNA\_F  
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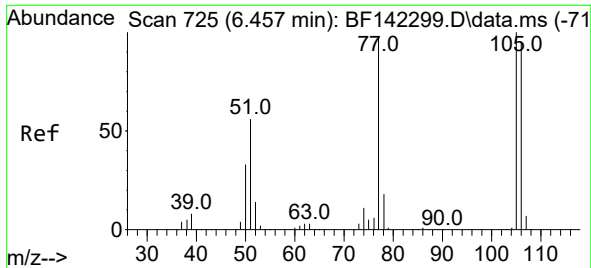
Tgt Ion: 99 Resp: 882025  
Ion Ratio Lower Upper  
99 100  
42 20.5 17.0 25.4  
71 31.6 25.8 38.8



#8  
2-Chlorophenol  
Concen: 45.512 ng  
RT: 6.681 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:128 Resp: 441735  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.7 52.7  
64 48.0 29.2 69.2





#9

Benzaldehyde

Concen: 40.774 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

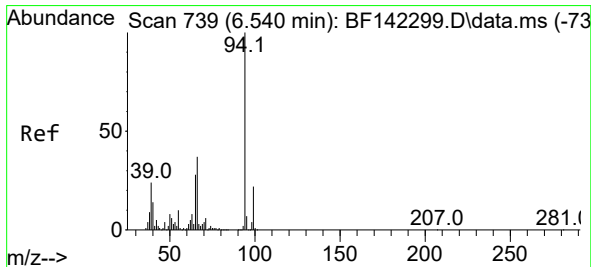
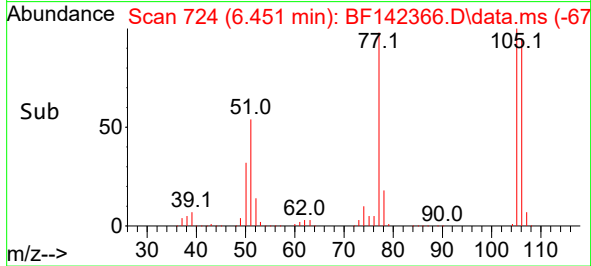
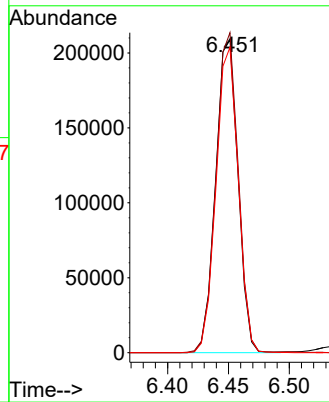
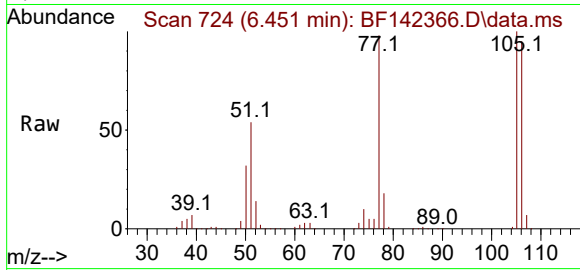
Tgt Ion: 77 Resp: 266588

Ion Ratio Lower Upper

77 100

105 102.2 82.0 122.0

106 97.6 77.2 117.2



#10

Phenol

Concen: 48.677 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

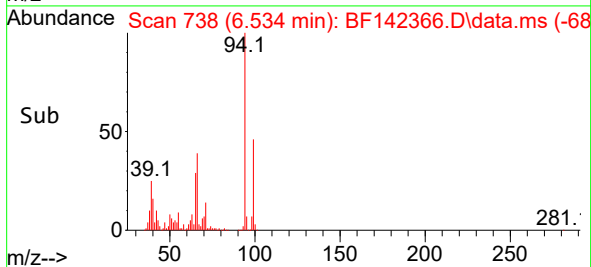
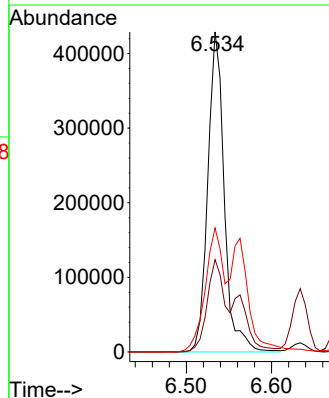
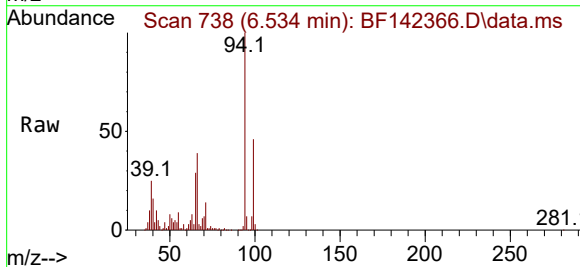
Tgt Ion: 94 Resp: 576407

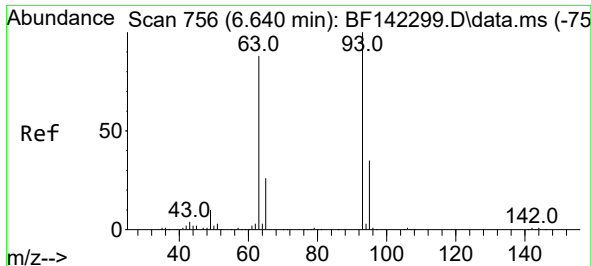
Ion Ratio Lower Upper

94 100

65 28.8 8.5 48.5

66 38.7 17.3 57.3

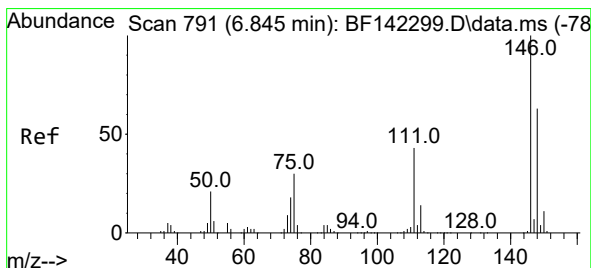
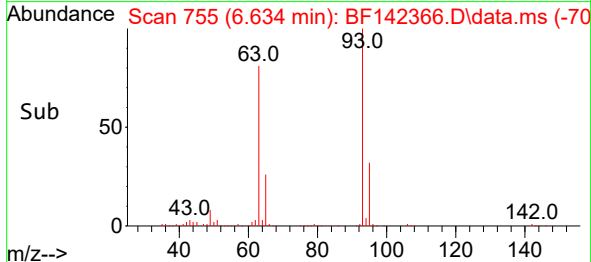
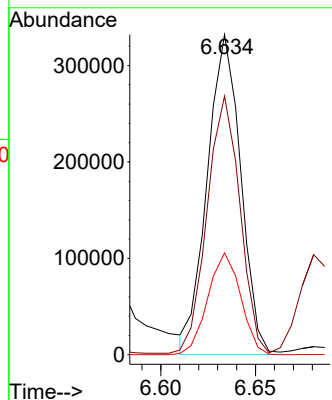
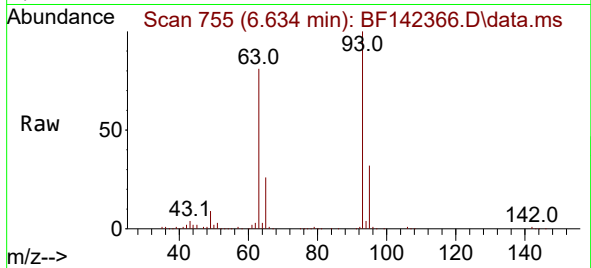




#11  
bis(2-Chloroethyl)ether  
Concen: 35.004 ng  
RT: 6.634 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

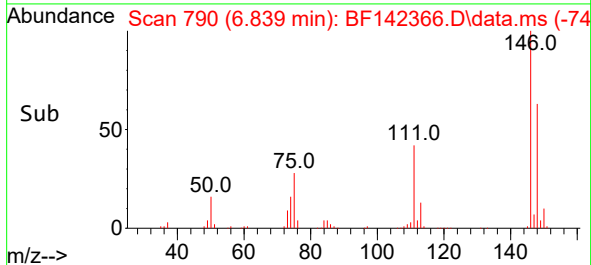
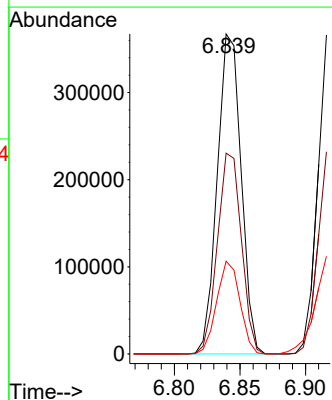
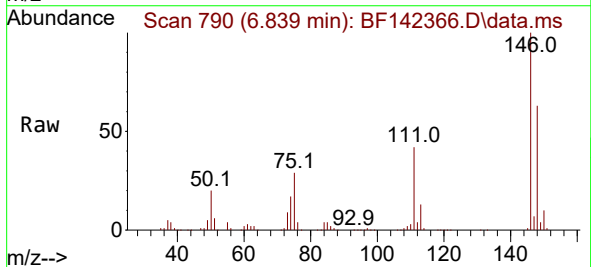
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

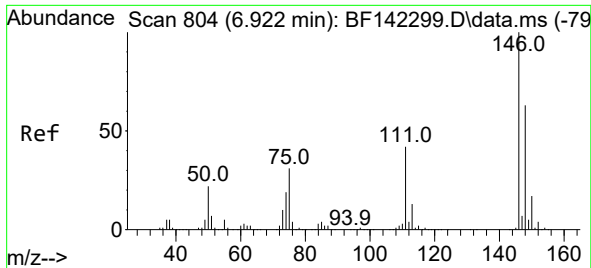
Tgt Ion: 93 Resp: 408748  
Ion Ratio Lower Upper  
93 100  
63 80.8 58.4 98.4  
95 31.8 10.6 50.6



#12  
1,3-Dichlorobenzene  
Concen: 41.825 ng  
RT: 6.839 min Scan# 790  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:146 Resp: 464430  
Ion Ratio Lower Upper  
146 100  
148 62.7 50.6 76.0  
75 29.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.797 ng

RT: 6.916 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

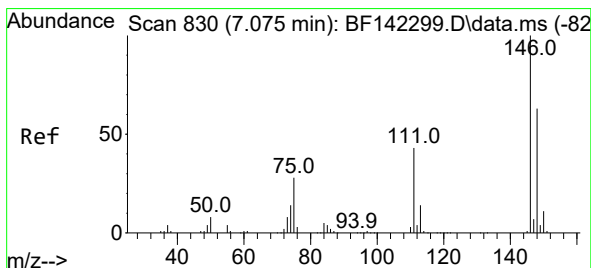
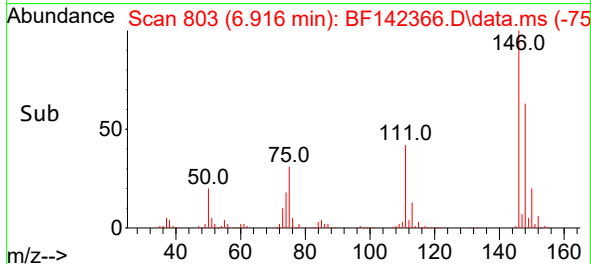
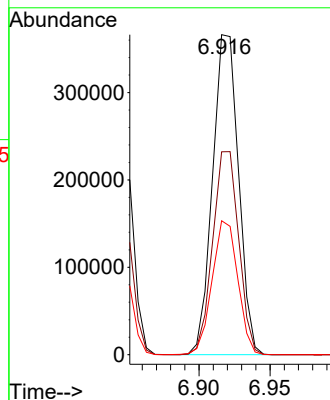
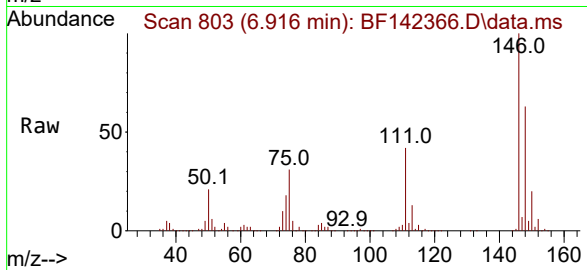
Tgt Ion:146 Resp: 465991

Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

111 41.8 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 42.234 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

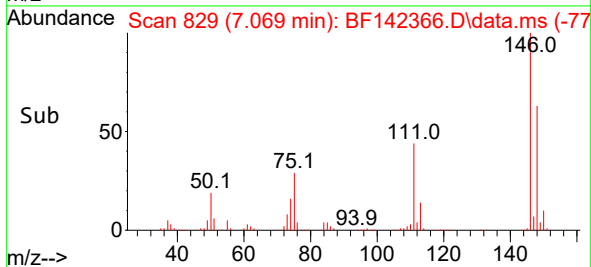
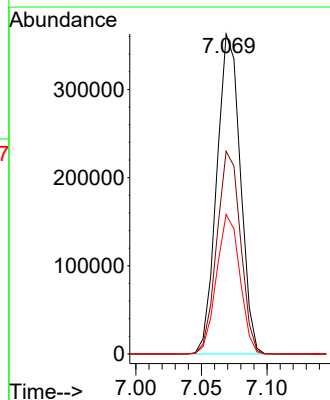
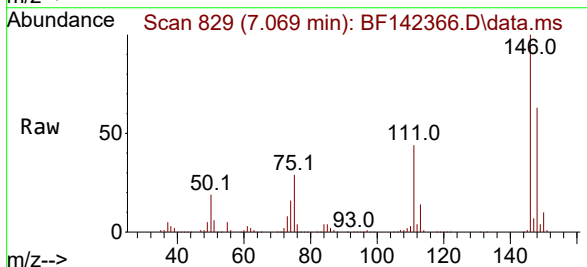
Tgt Ion:146 Resp: 451963

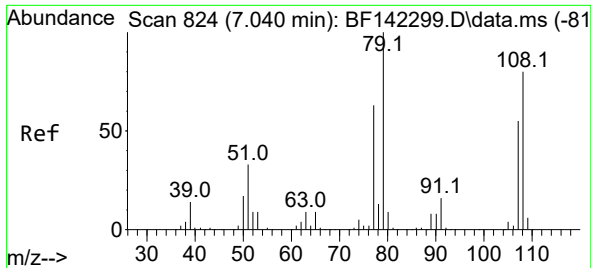
Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

111 43.6 34.5 51.7

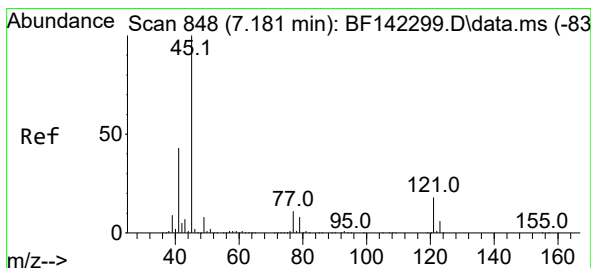
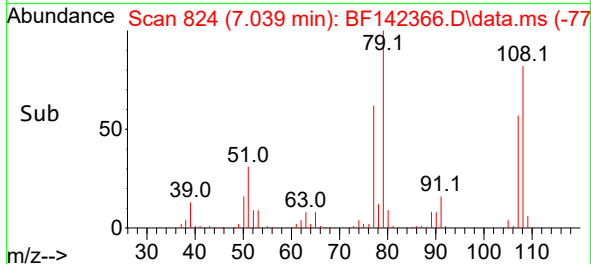
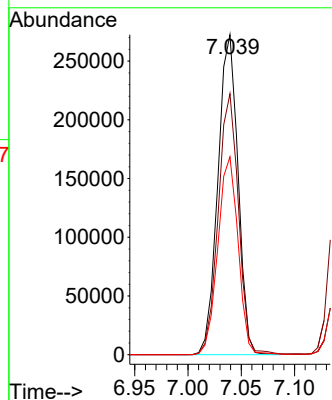
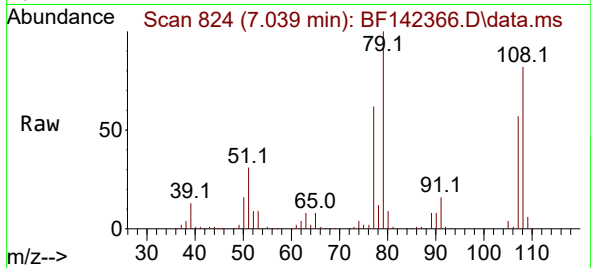




#15  
Benzyl Alcohol  
Concen: 49.324 ng  
RT: 7.039 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

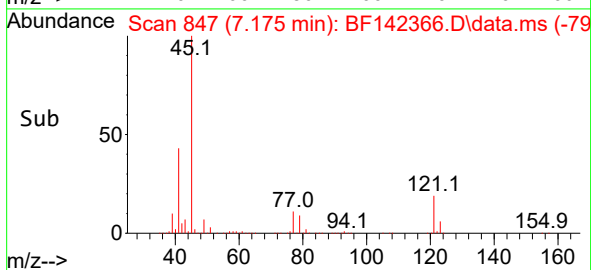
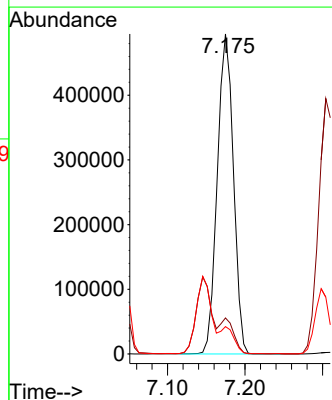
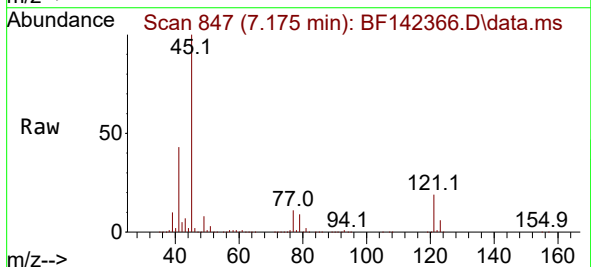
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

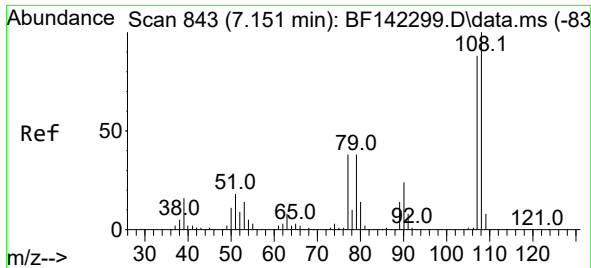
Tgt Ion: 79 Resp: 356796  
Ion Ratio Lower Upper  
79 100  
108 81.6 63.9 95.9  
77 61.8 50.7 76.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.944 ng  
RT: 7.175 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion: 45 Resp: 713977  
Ion Ratio Lower Upper  
45 100  
77 11.2 0.0 31.2  
79 8.6 0.0 28.5

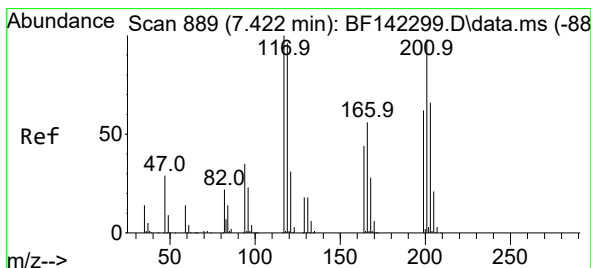
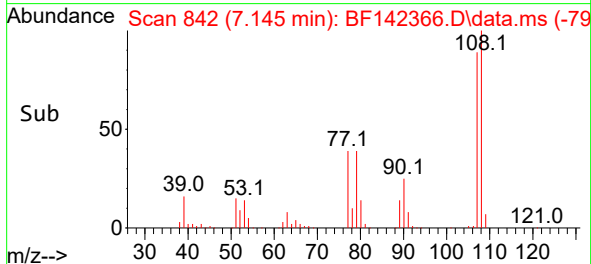
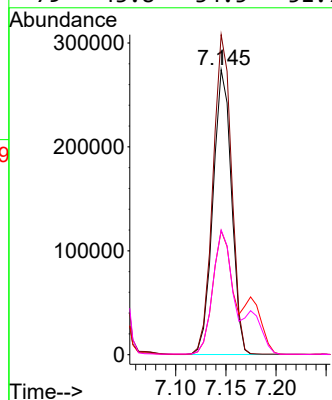
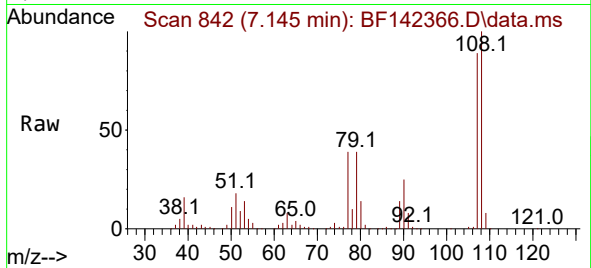




#17  
2-Methylphenol  
Concen: 44.777 ng  
RT: 7.145 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

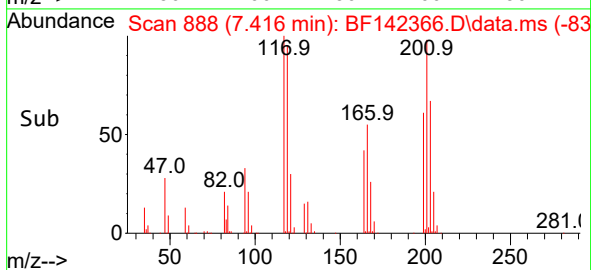
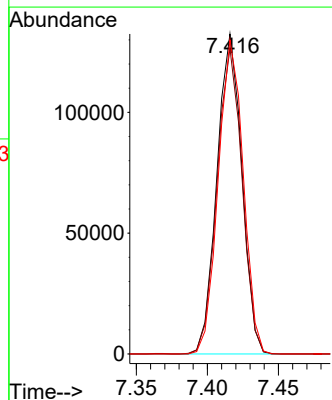
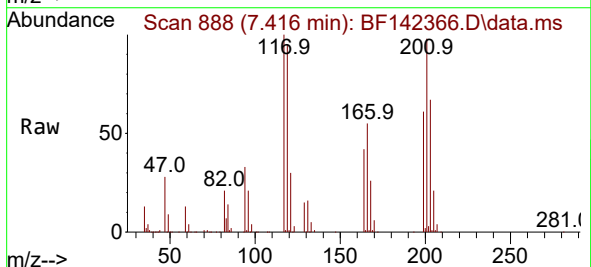
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

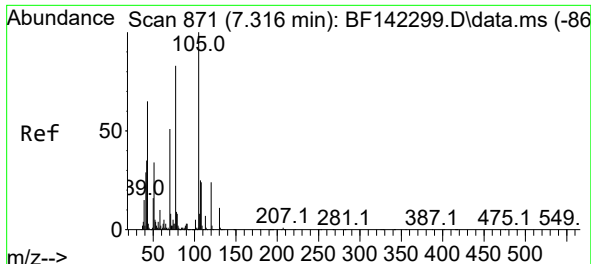
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 351851 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.3 | 91.1  | 136.7  |
| 77       | 43.5  | 34.7  | 52.1   |
| 79       | 43.8  | 34.5  | 51.7   |



#18  
Hexachloroethane  
Concen: 43.632 ng  
RT: 7.416 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 161853 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.4  | 76.9  | 115.3  |
| 201      | 98.2  | 78.0  | 117.0  |

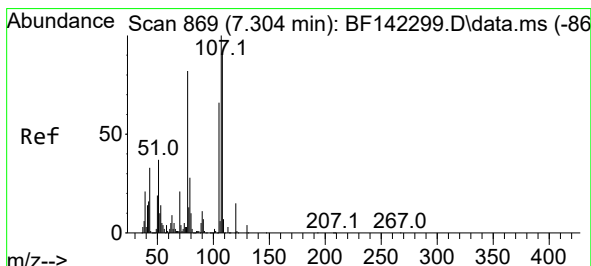
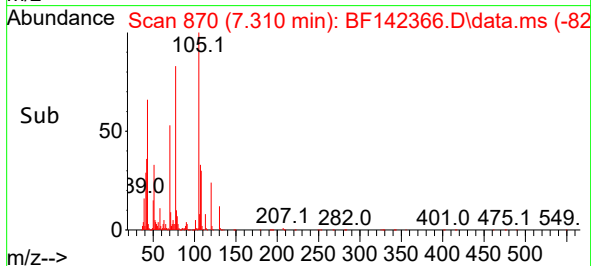
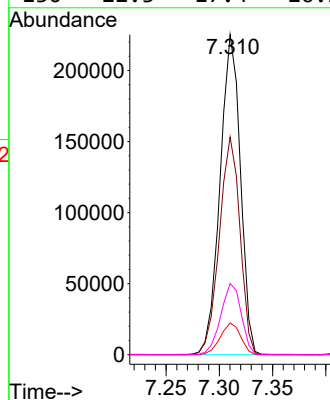
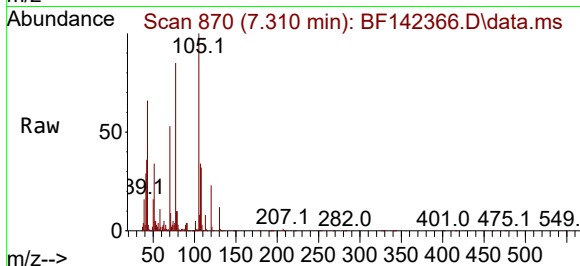




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.231 ng  
RT: 7.310 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

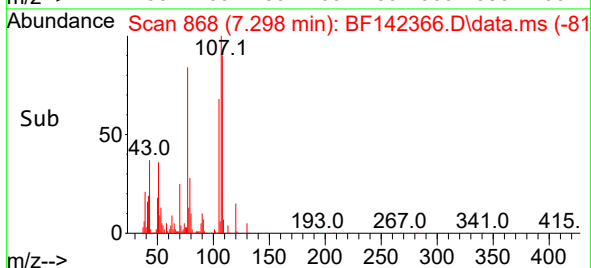
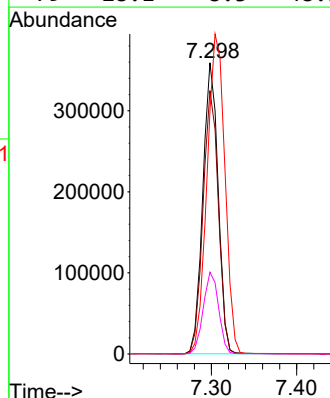
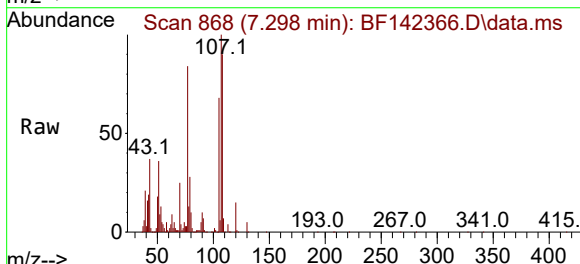
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

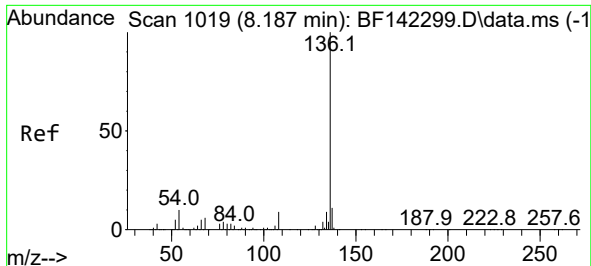
Tgt Ion: 70 Resp: 298725  
Ion Ratio Lower Upper  
70 100  
42 68.1 54.8 82.2  
101 9.9 7.7 11.5  
130 22.3 17.4 26.2



#20  
3+4-Methylphenols  
Concen: 45.721 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion: 107 Resp: 448388  
Ion Ratio Lower Upper  
107 100  
108 90.4 71.5 111.5  
77 83.5 61.6 101.6  
79 28.1 8.3 48.3



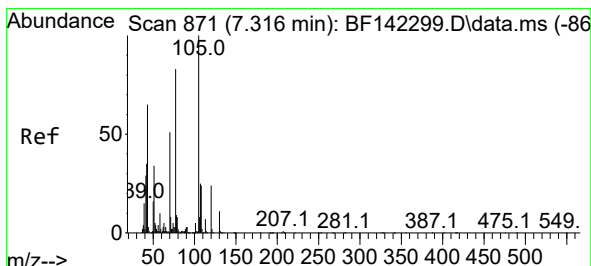
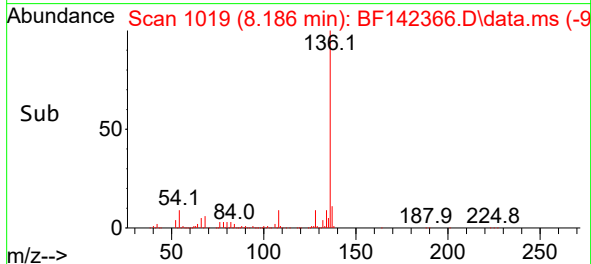
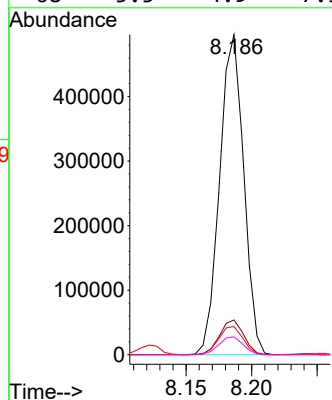
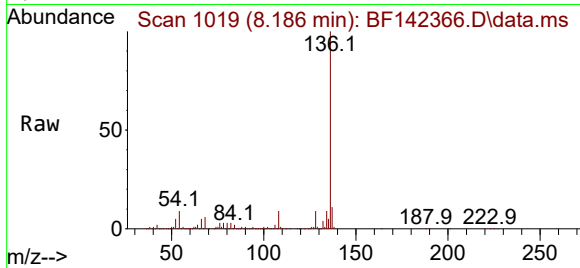


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

Tgt Ion:136 Resp: 631761

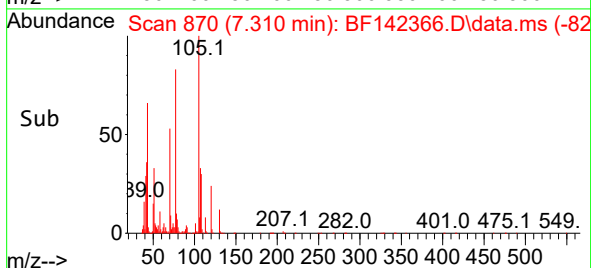
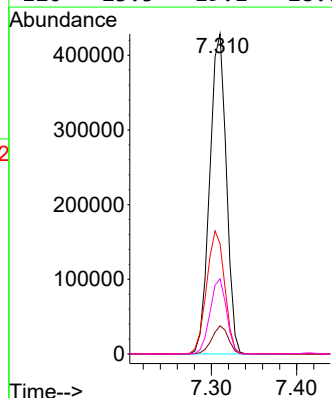
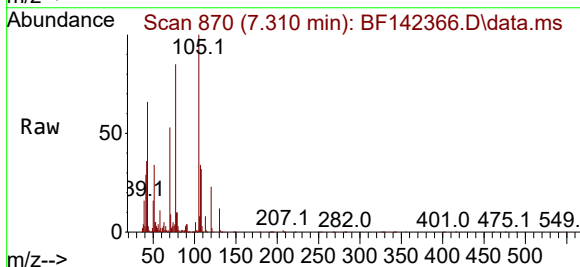
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.9   | 13.3  |
| 54  | 8.8   | 7.7   | 11.5  |
| 68  | 5.5   | 4.9   | 7.3   |

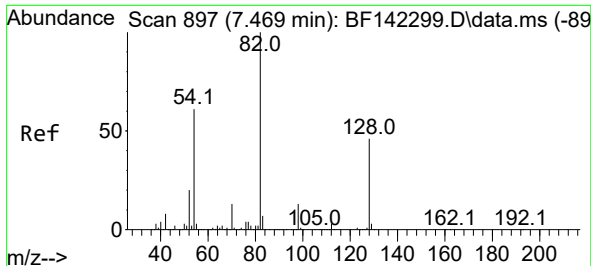


#22  
Acetophenone  
Concen: 41.370 ng  
RT: 7.310 min Scan# 870  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:105 Resp: 581115

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.8   | 6.7   | 10.1  |
| 51  | 34.5  | 27.6  | 41.4  |
| 120 | 23.5  | 19.1  | 28.7  |





#23

Nitrobenzene-d5

Concen: 50.229 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

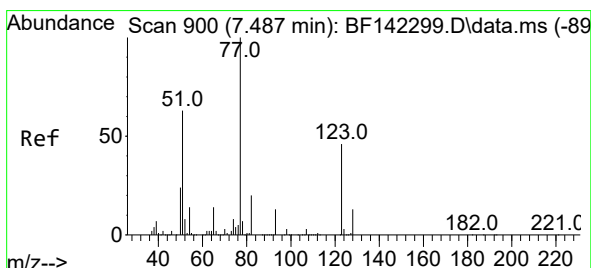
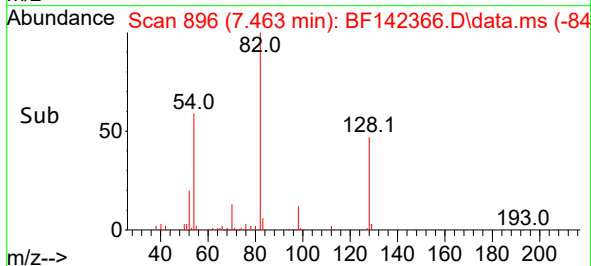
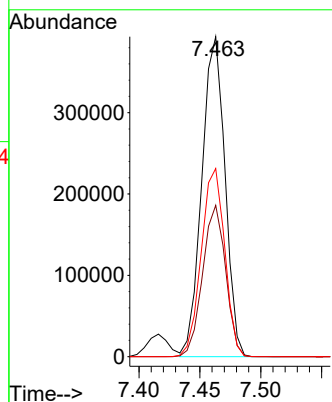
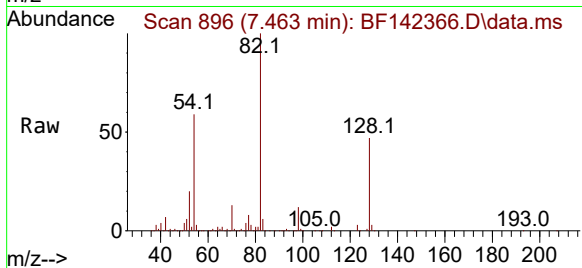
Tgt Ion: 82 Resp: 520318

Ion Ratio Lower Upper

82 100

128 47.3 37.0 55.6

54 58.8 48.6 73.0



#24

Nitrobenzene

Concen: 45.191 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

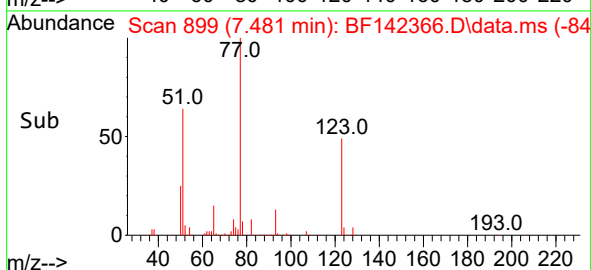
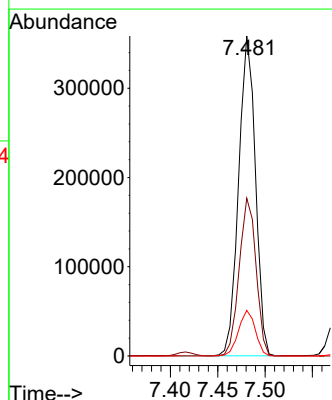
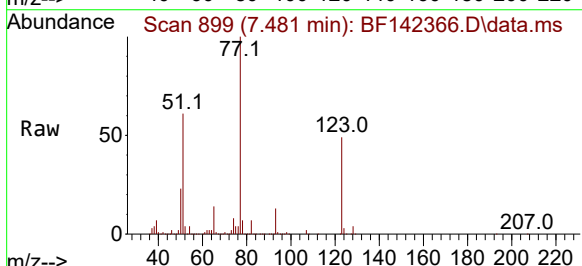
Tgt Ion: 77 Resp: 441270

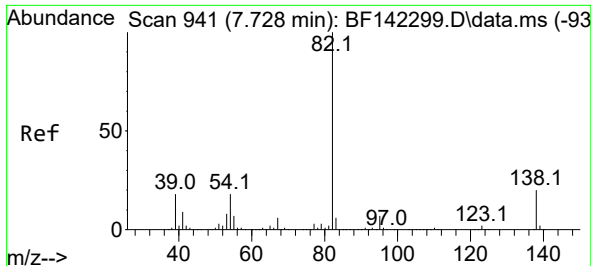
Ion Ratio Lower Upper

77 100

123 49.3 37.8 56.8

65 14.3 11.4 17.0

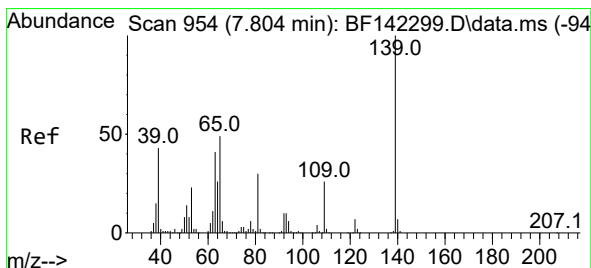
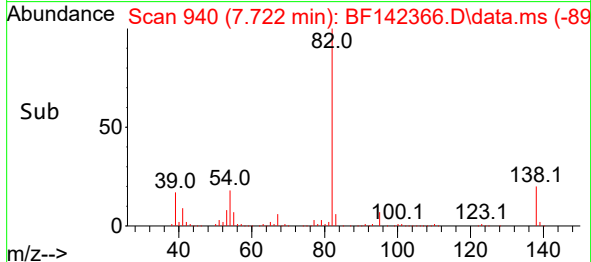
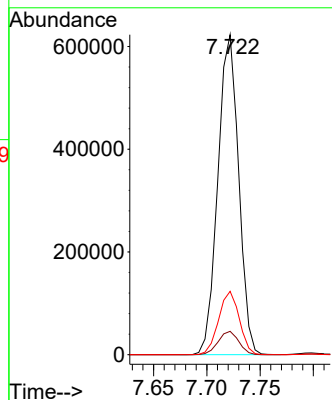
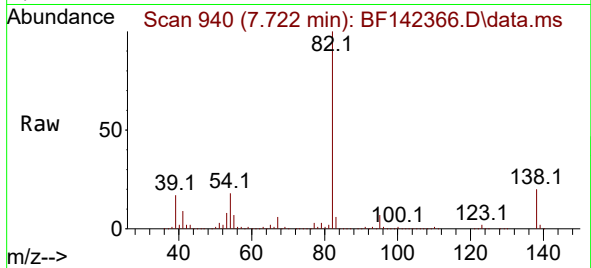




#25  
Isophorone  
Concen: 43.079 ng  
RT: 7.722 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

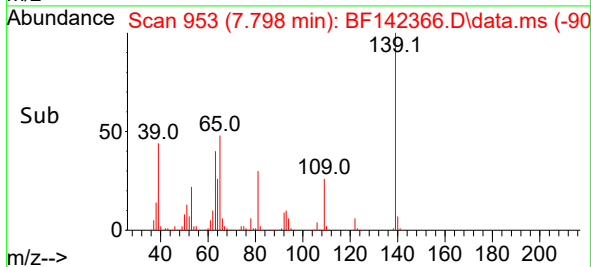
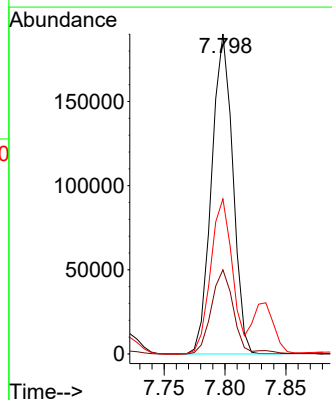
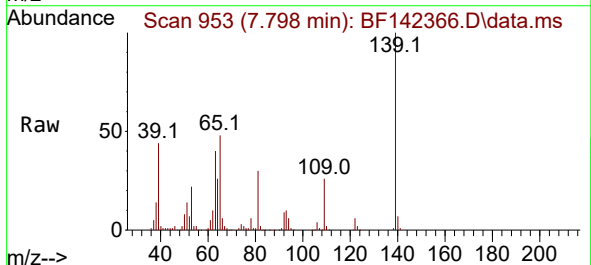
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

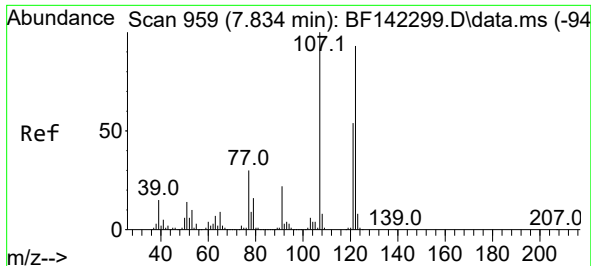
Tgt Ion: 82 Resp: 845033  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.8  
138 19.8 16.1 24.1



#26  
2-Nitrophenol  
Concen: 48.886 ng  
RT: 7.798 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:139 Resp: 230474  
Ion Ratio Lower Upper  
139 100  
109 26.3 20.8 31.2  
65 48.4 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 43.945 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

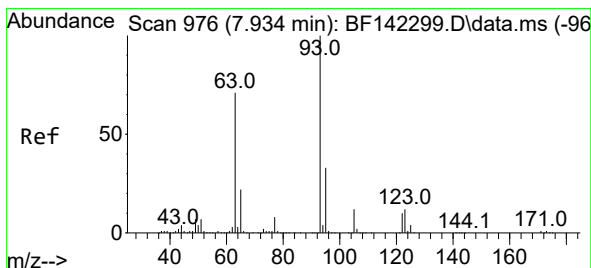
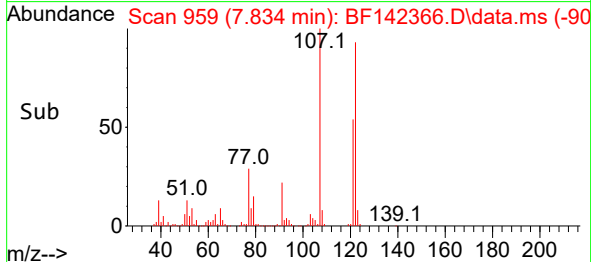
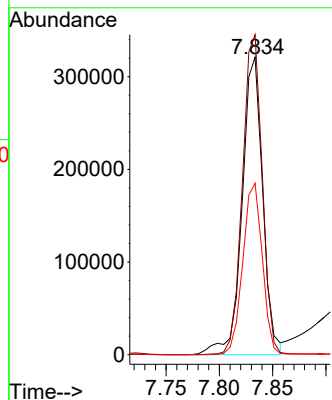
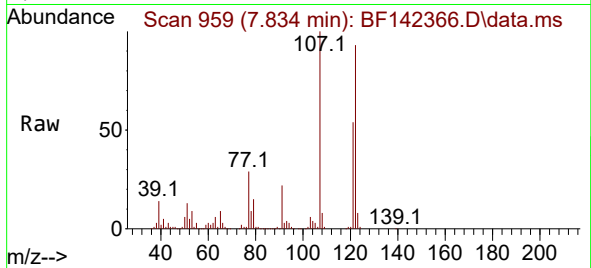
Tgt Ion:122 Resp: 433405

Ion Ratio Lower Upper

122 100

107 107.5 86.0 129.0

121 57.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.451 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

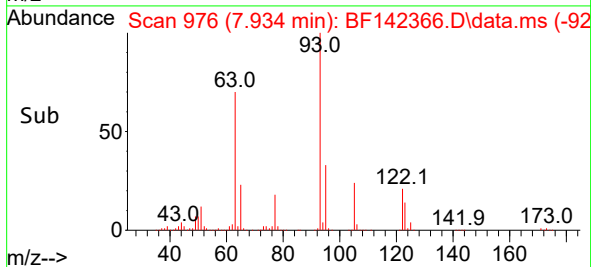
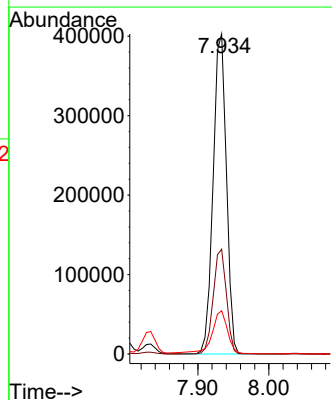
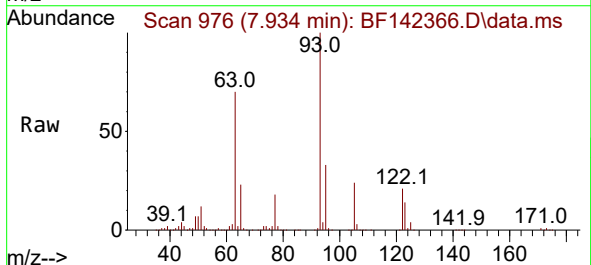
Tgt Ion: 93 Resp: 522841

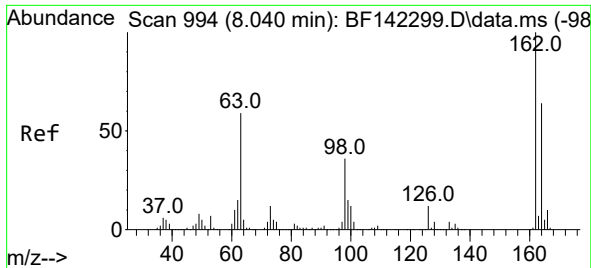
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 13.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.229 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

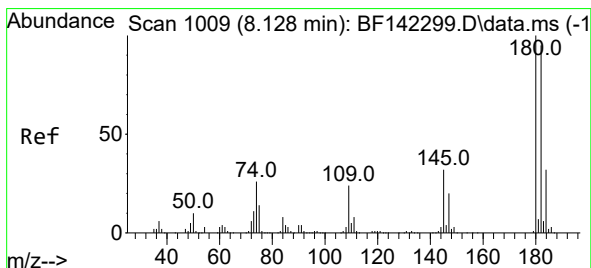
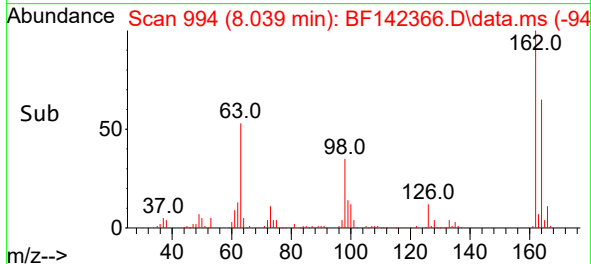
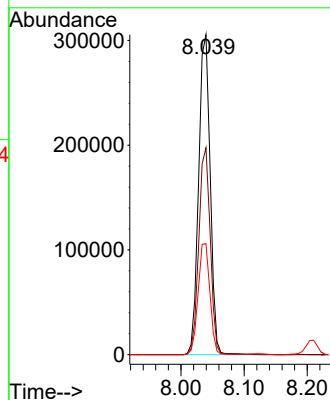
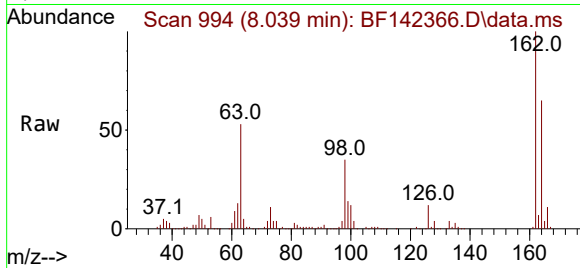
Tgt Ion:162 Resp: 387626

Ion Ratio Lower Upper

162 100

164 64.6 43.6 83.6

98 34.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 41.484 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

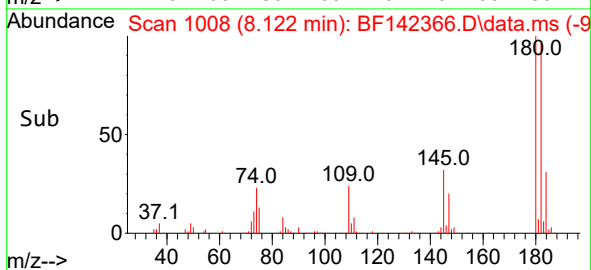
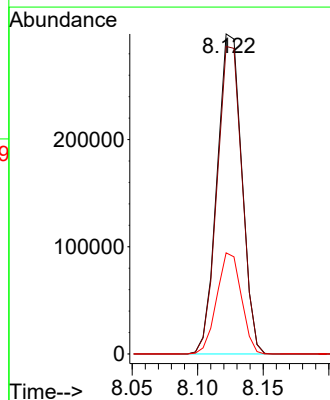
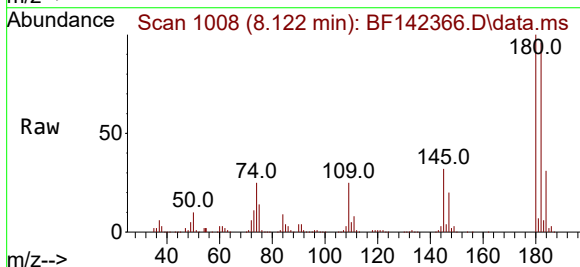
Tgt Ion:180 Resp: 391460

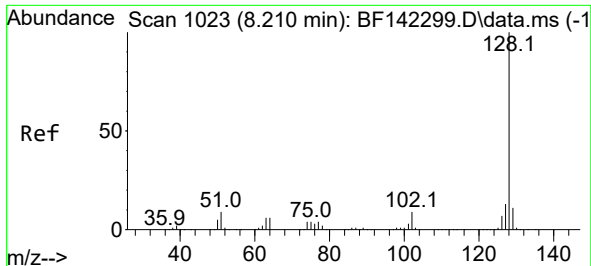
Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.4

145 31.6 25.8 38.6

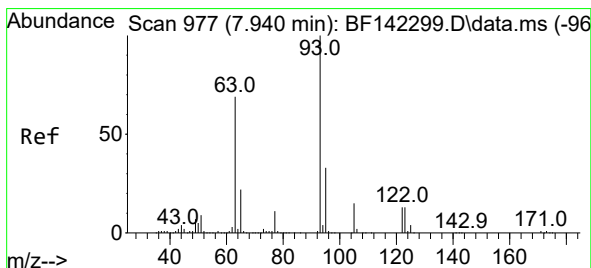
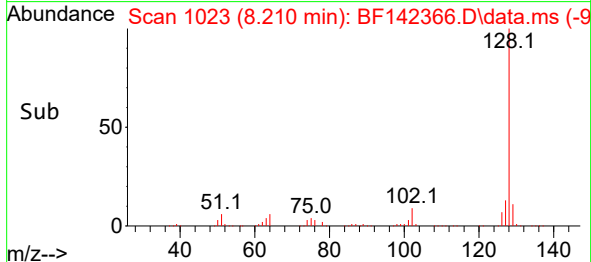
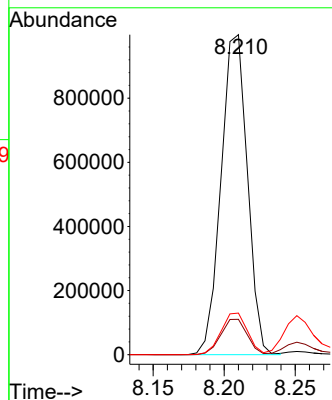
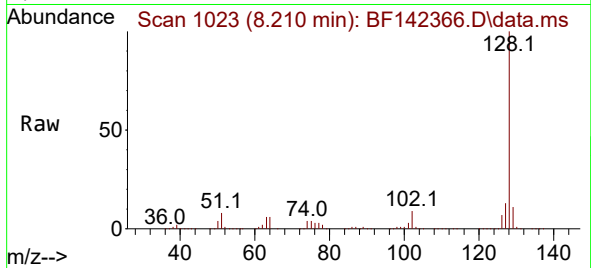




#31  
Naphthalene  
Concen: 42.063 ng  
RT: 8.210 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

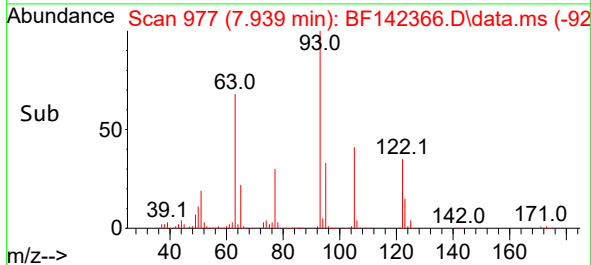
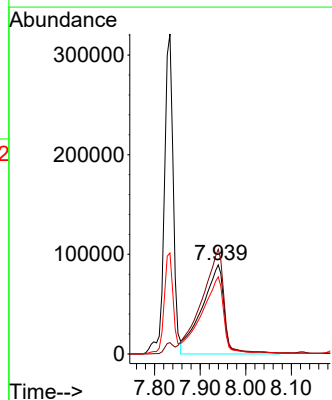
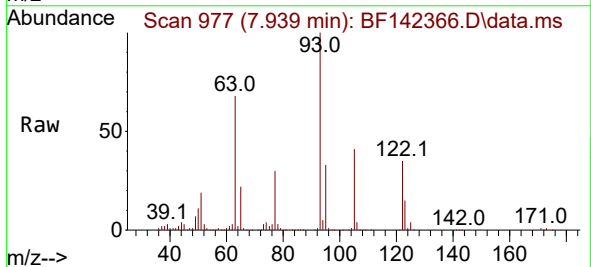
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

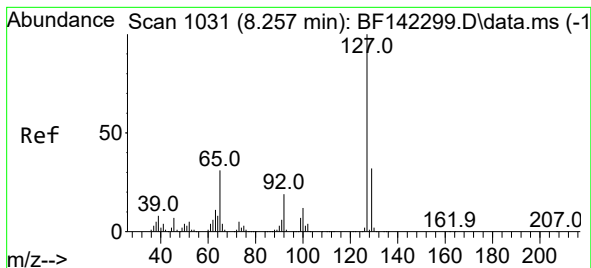
Tgt Ion:128 Resp: 1287929  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.1 13.7  
127 13.0 10.5 15.7



#32  
Benzoic acid  
Concen: 55.318 ng m  
RT: 7.939 min Scan# 977  
Delta R.T. -0.001 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:122 Resp: 305779  
Ion Ratio Lower Upper  
122 100  
105 117.3 97.9 137.9  
77 86.4 67.7 107.7





#33

4-Chloroaniline

Concen: 17.370 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.016 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

Tgt Ion:127 Resp: 217014

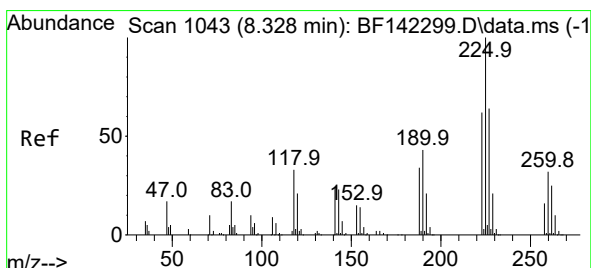
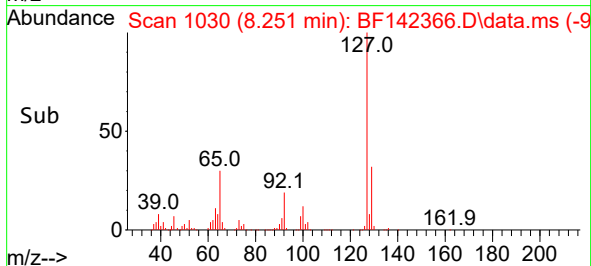
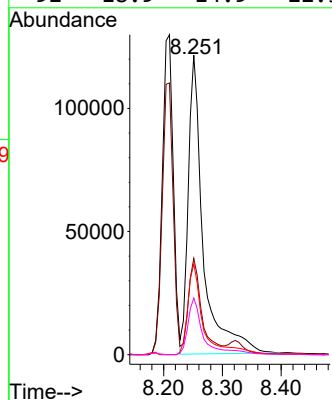
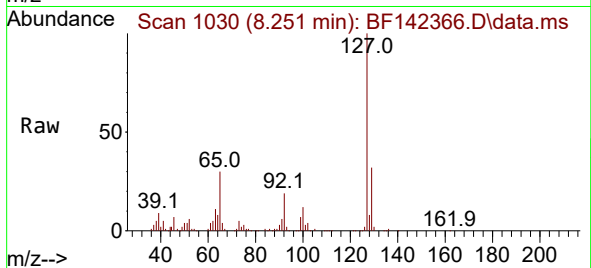
Ion Ratio Lower Upper

127 100

129 32.1 25.7 38.5

65 30.3 24.9 37.3

92 18.9 14.9 22.3



#34

Hexachlorobutadiene

Concen: 41.941 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

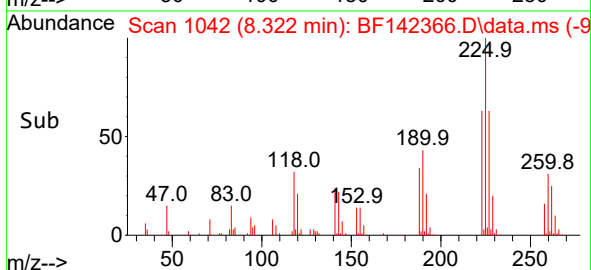
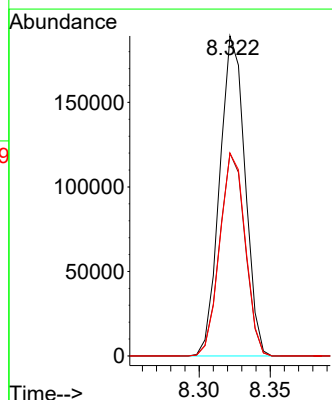
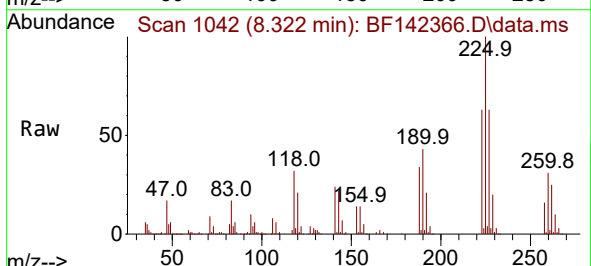
Tgt Ion:225 Resp: 234355

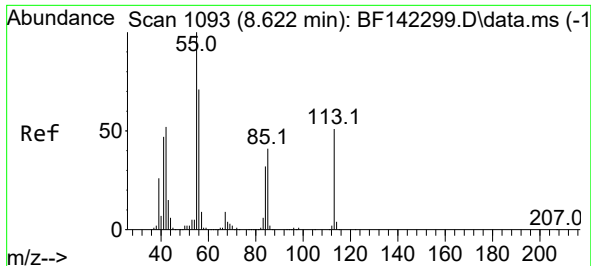
Ion Ratio Lower Upper

225 100

223 63.3 49.8 74.6

227 63.4 50.9 76.3

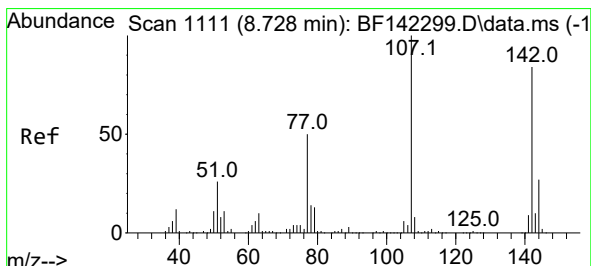
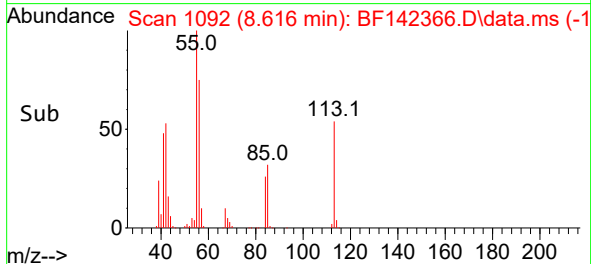
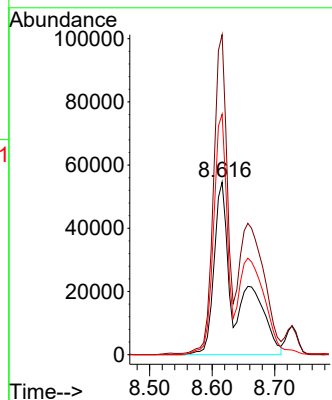
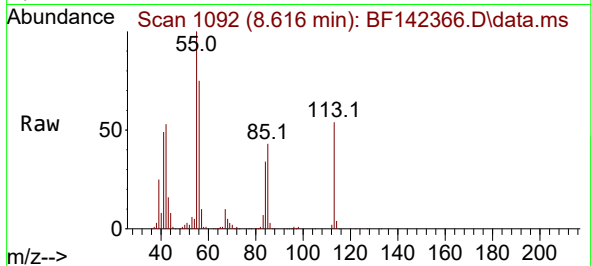




#35  
Caprolactam  
Concen: 58.026 ng m  
RT: 8.616 min Scan# 1092  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

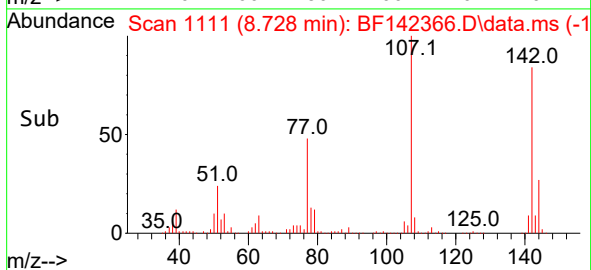
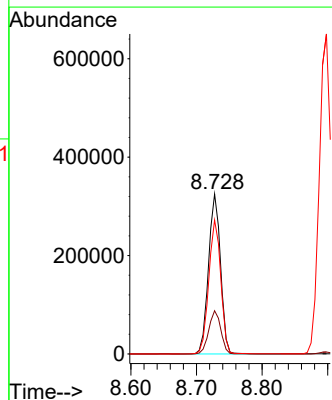
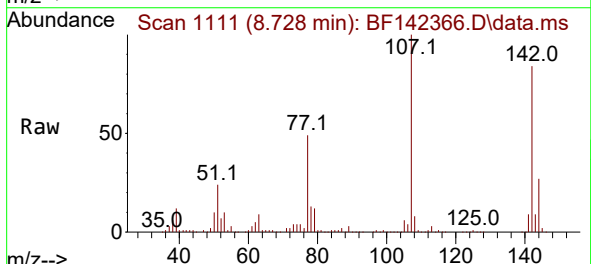
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

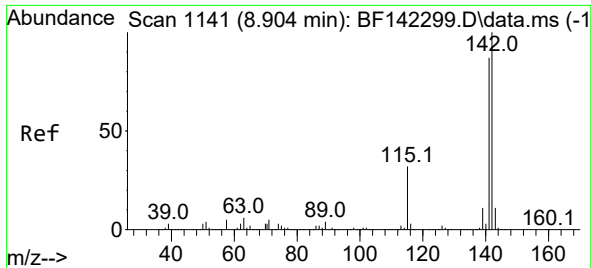
Tgt Ion:113 Resp: 141799  
Ion Ratio Lower Upper  
113 100  
55 185.4 176.4 216.4  
56 139.3 120.3 160.3



#36  
4-Chloro-3-methylphenol  
Concen: 47.855 ng  
RT: 8.728 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:107 Resp: 417111  
Ion Ratio Lower Upper  
107 100  
144 27.0 21.3 31.9  
142 83.7 66.9 100.3

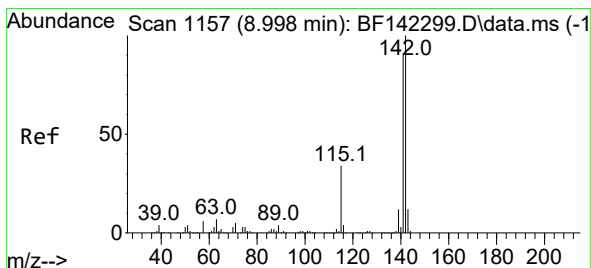
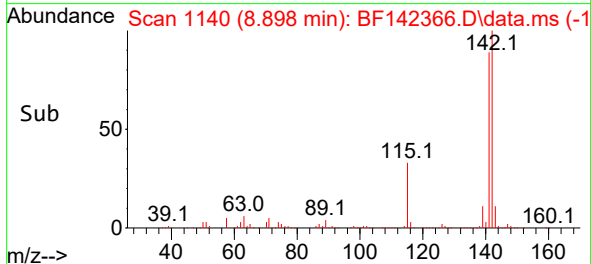
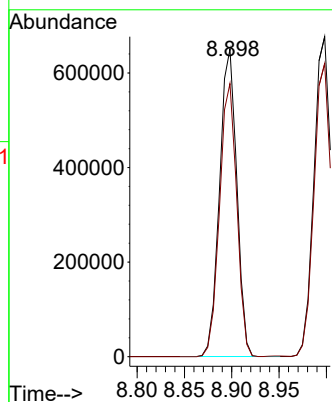
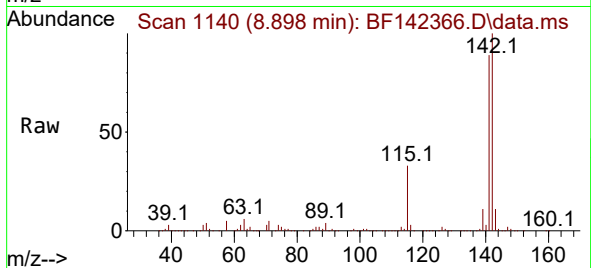




#37  
2-Methylnaphthalene  
Concen: 43.271 ng  
RT: 8.898 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

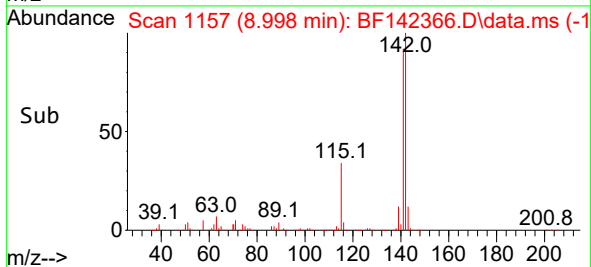
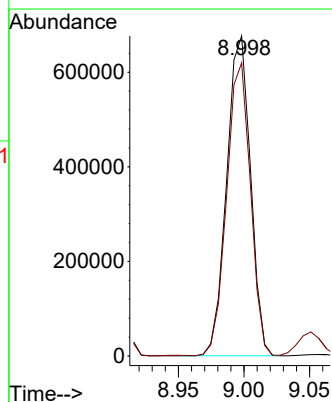
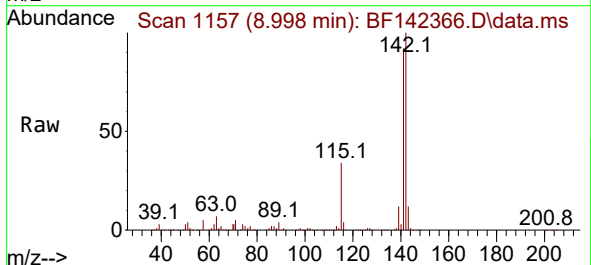
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

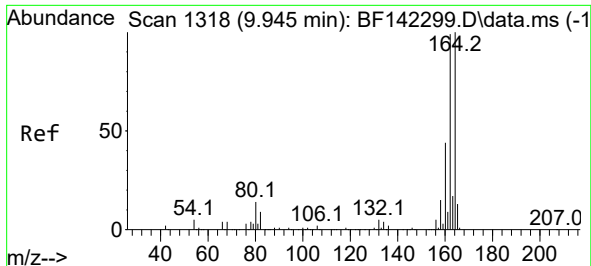
Tgt Ion:142 Resp: 823265  
Ion Ratio Lower Upper  
142 100  
141 88.8 69.4 104.2



#38  
1-Methylnaphthalene  
Concen: 43.112 ng  
RT: 8.998 min Scan# 1157  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:142 Resp: 854916  
Ion Ratio Lower Upper  
142 100  
141 91.6 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

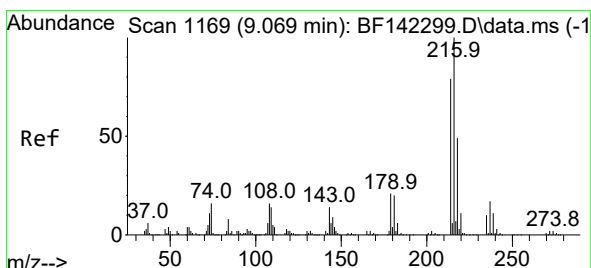
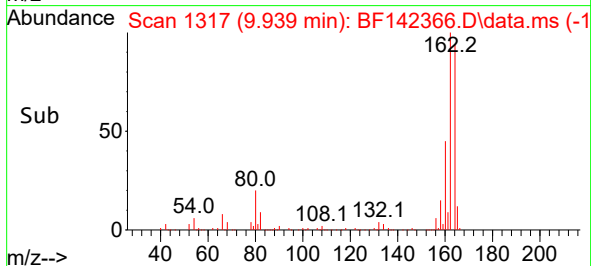
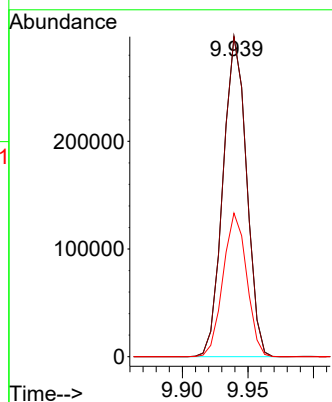
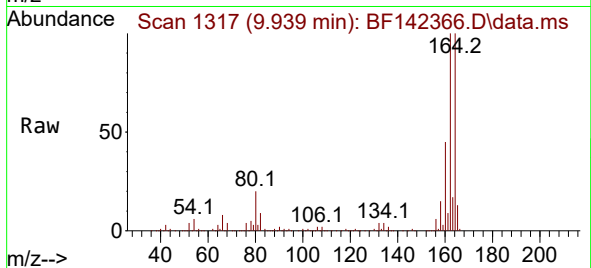
Tgt Ion:164 Resp: 370580

Ion Ratio Lower Upper

164 100

162 100.0 79.2 118.8

160 44.9 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.468 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Tgt Ion:216 Resp: 408491

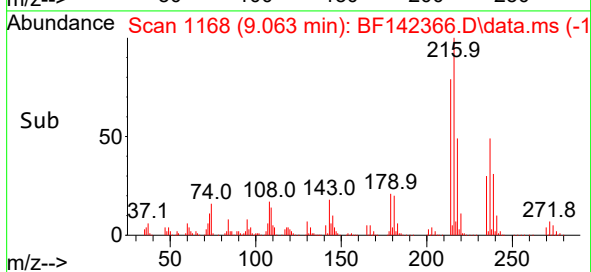
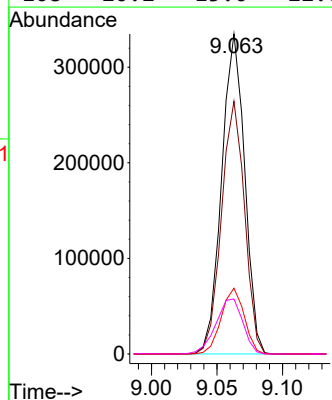
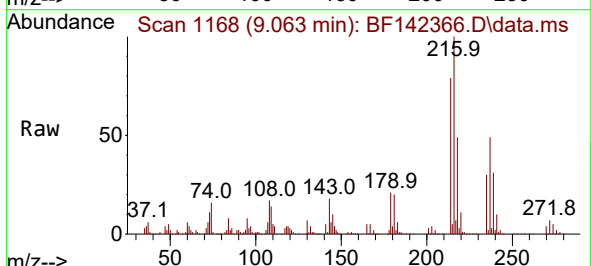
Ion Ratio Lower Upper

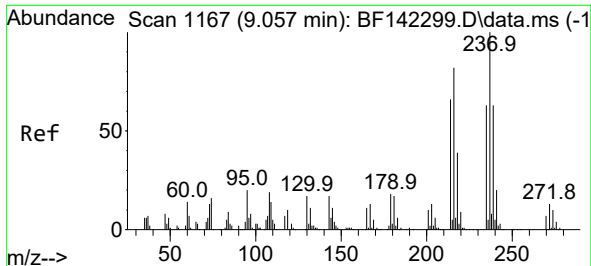
216 100

214 78.8 63.8 95.6

179 20.5 17.0 25.6

108 20.2 15.0 22.6

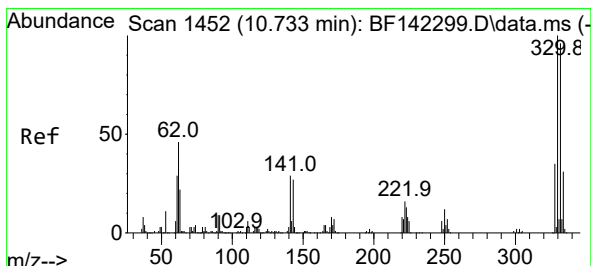
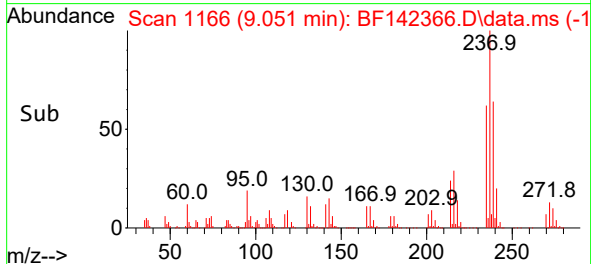
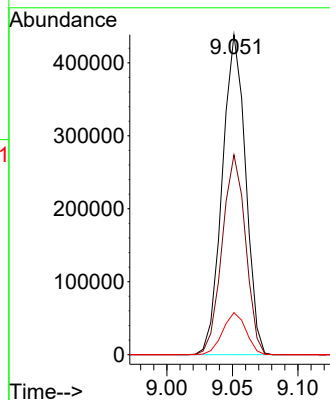
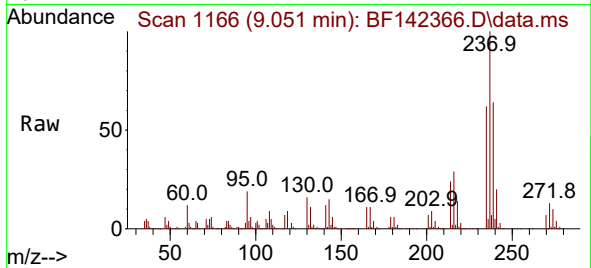




#41  
Hexachlorocyclopentadiene  
Concen: 84.716 ng  
RT: 9.051 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

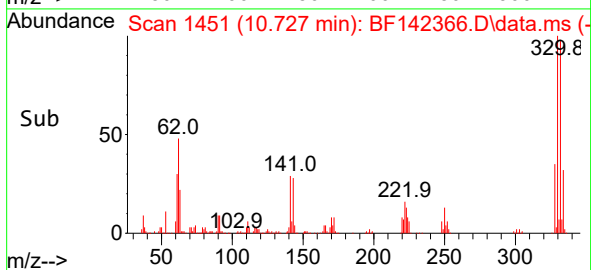
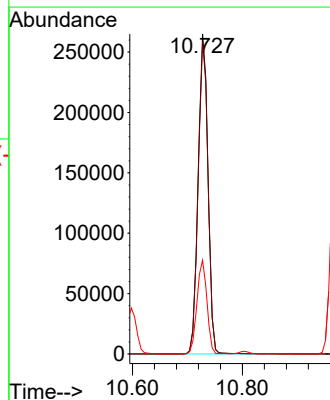
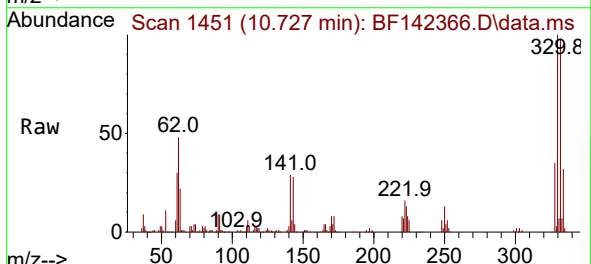
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

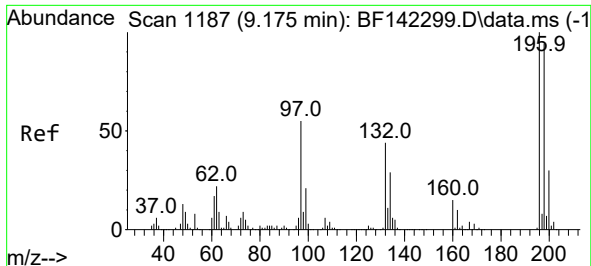
Tgt Ion:237 Resp: 541888  
Ion Ratio Lower Upper  
237 100  
235 62.5 42.8 82.8  
272 13.1 0.0 33.0



#42  
2,4,6-Tribromophenol  
Concen: 92.595 ng  
RT: 10.727 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:330 Resp: 331293  
Ion Ratio Lower Upper  
330 100  
332 97.6 76.8 115.2  
141 29.5 24.9 37.3

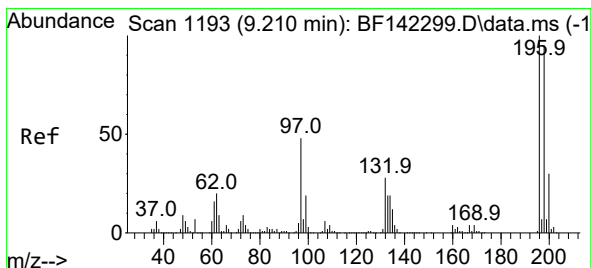
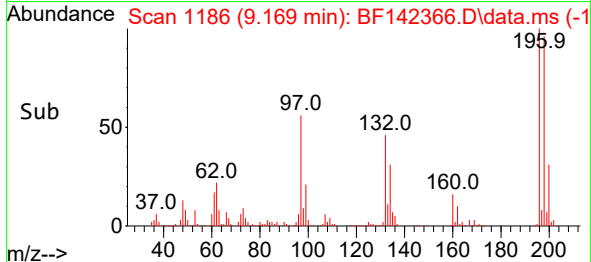
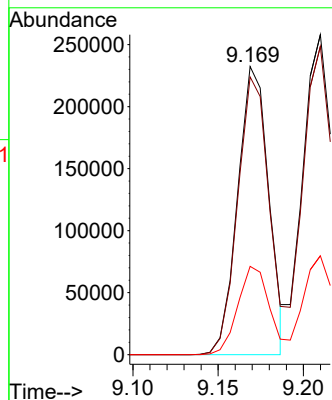
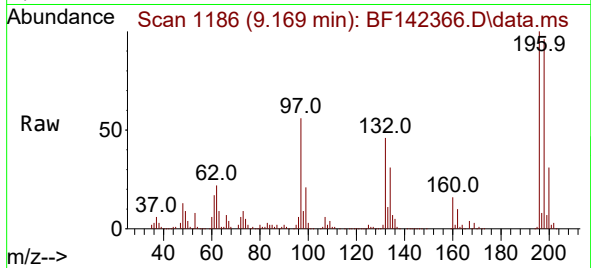




#43  
2,4,6-Trichlorophenol  
Concen: 45.063 ng  
RT: 9.169 min Scan# 1186  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

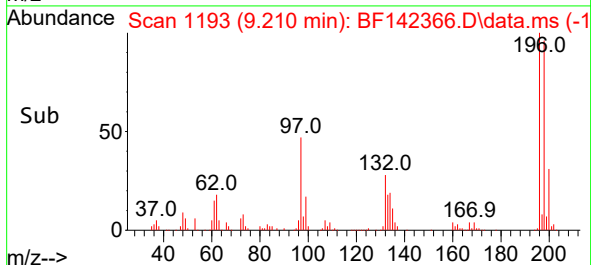
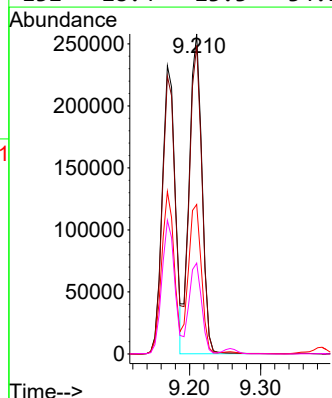
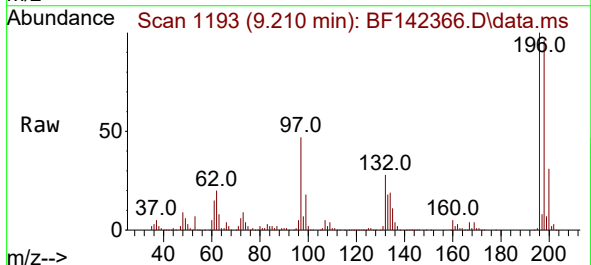
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

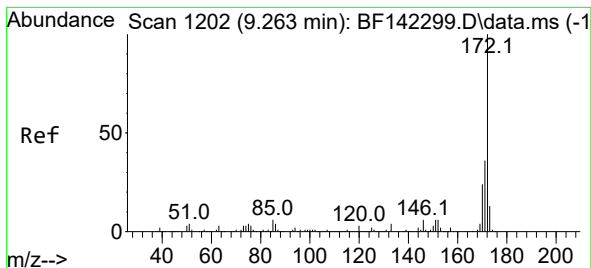
Tgt Ion:196 Resp: 294187  
Ion Ratio Lower Upper  
196 100  
198 96.4 75.4 113.0  
200 30.6 24.3 36.5



#44  
2,4,5-Trichlorophenol  
Concen: 46.301 ng  
RT: 9.210 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:196 Resp: 321618  
Ion Ratio Lower Upper  
196 100  
198 96.4 76.1 114.1  
97 46.7 39.0 58.4  
132 28.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 45.880 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

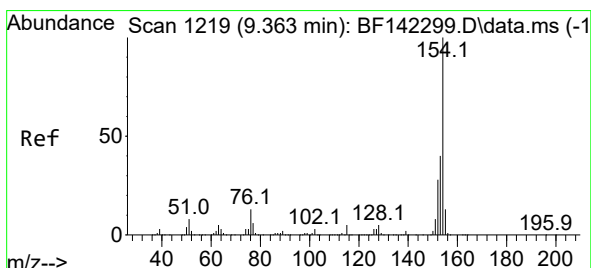
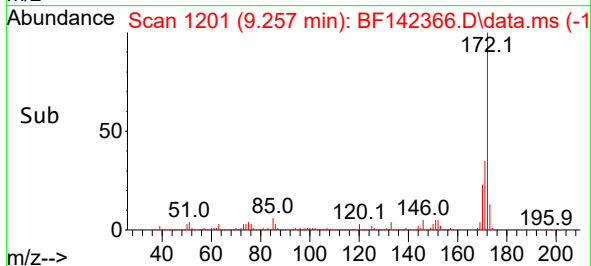
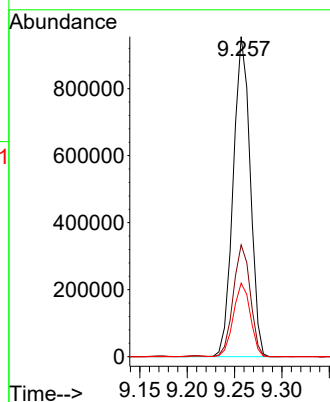
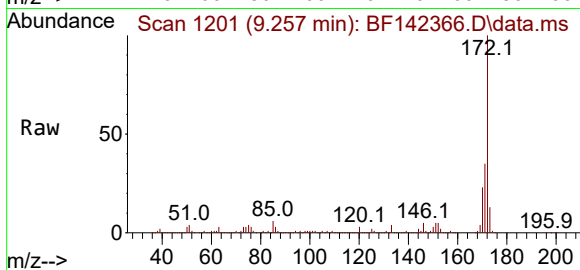
Tgt Ion:172 Resp: 1192392

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.768 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

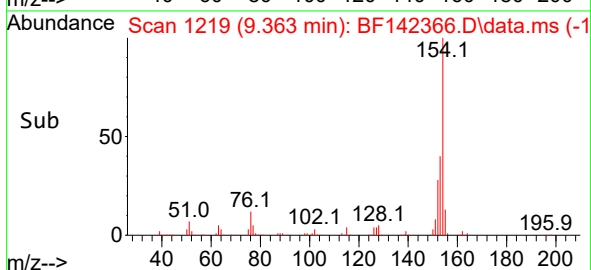
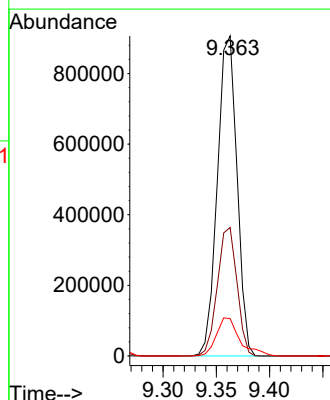
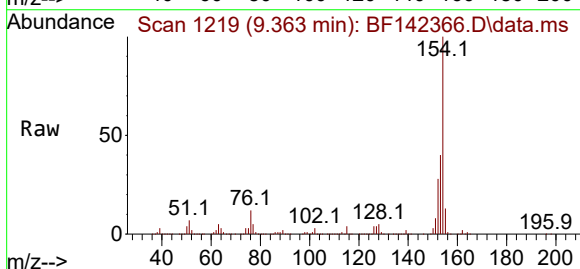
Tgt Ion:154 Resp: 1158375

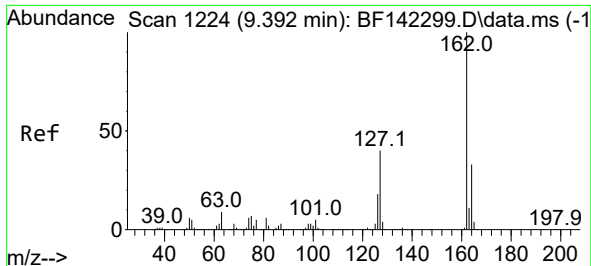
Ion Ratio Lower Upper

154 100

153 40.1 20.5 60.5

76 11.7 0.0 32.8

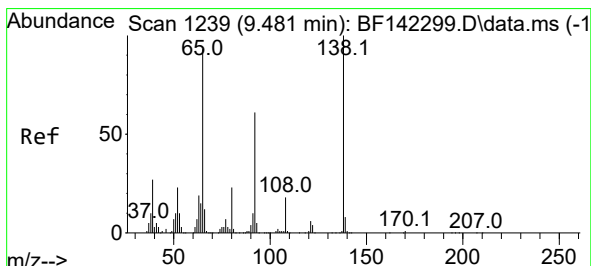
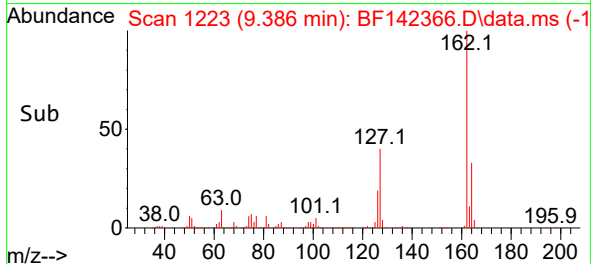
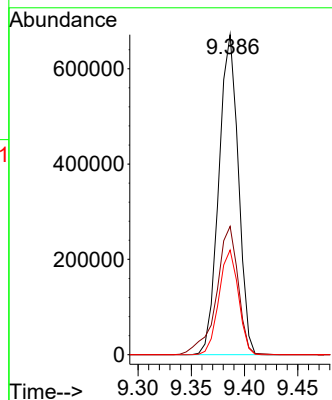
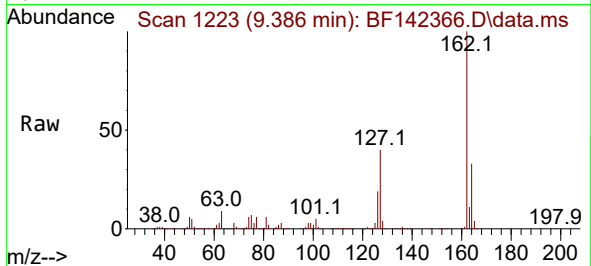




#47  
2-Chloronaphthalene  
Concen: 40.313 ng  
RT: 9.386 min Scan# 1224  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

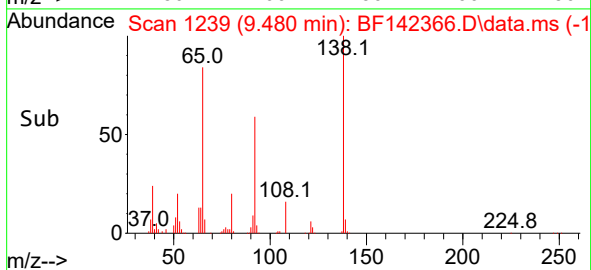
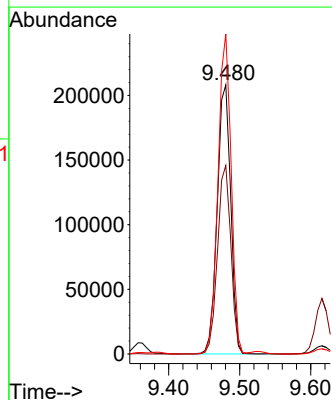
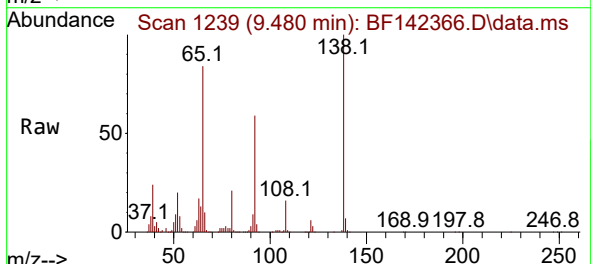
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

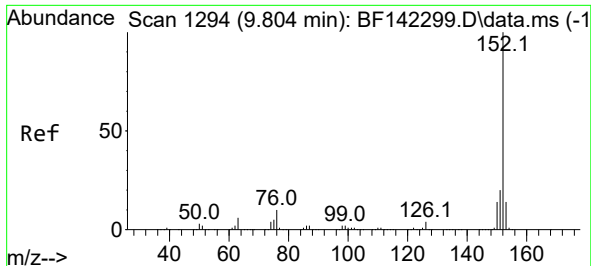
Tgt Ion:162 Resp: 851834  
Ion Ratio Lower Upper  
162 100  
127 40.1 32.3 48.5  
164 32.7 26.6 40.0



#48  
2-Nitroaniline  
Concen: 50.603 ng  
RT: 9.480 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion: 65 Resp: 274081  
Ion Ratio Lower Upper  
65 100  
92 70.0 52.3 78.5  
138 118.9 85.6 128.4

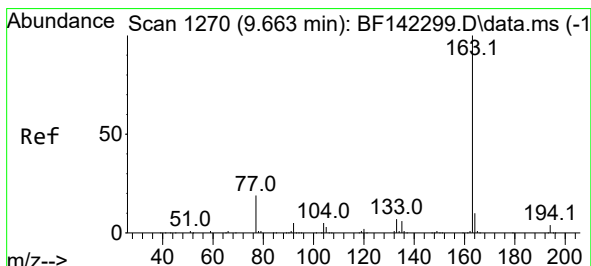
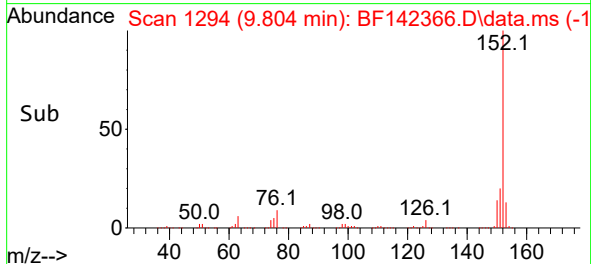
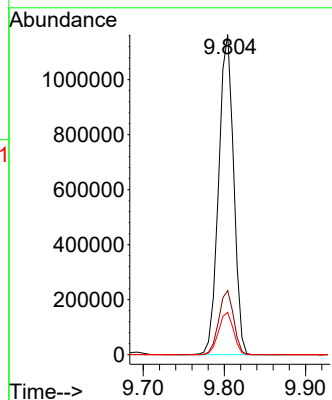
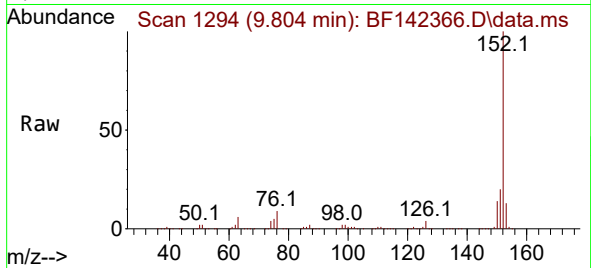




#49  
Acenaphthylene  
Concen: 42.351 ng  
RT: 9.804 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

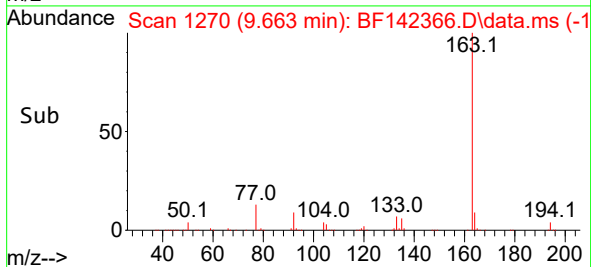
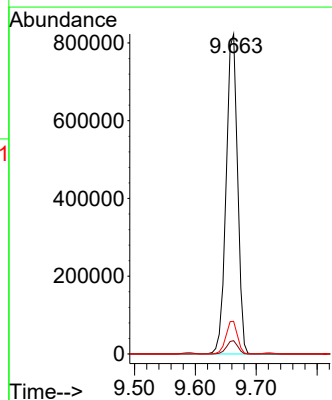
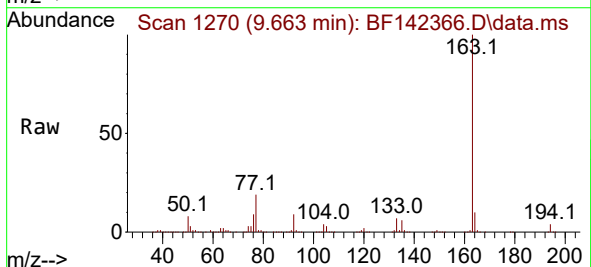
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

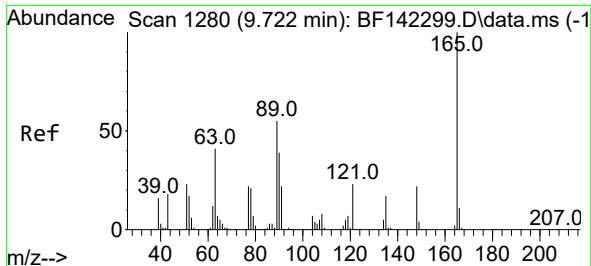
Tgt Ion:152 Resp: 1497053  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.0 24.0  
153 13.2 10.8 16.2



#50  
Dimethylphthalate  
Concen: 45.078 ng  
RT: 9.663 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:163 Resp: 1072664  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.2 4.8  
164 10.2 8.3 12.5

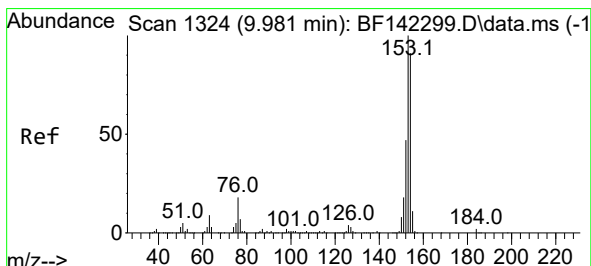
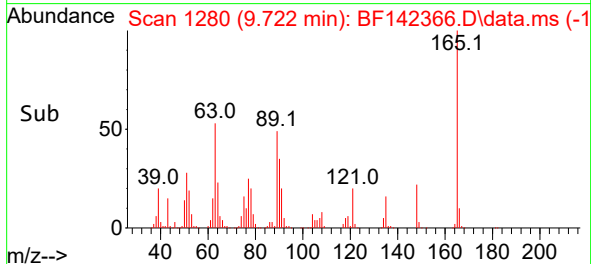
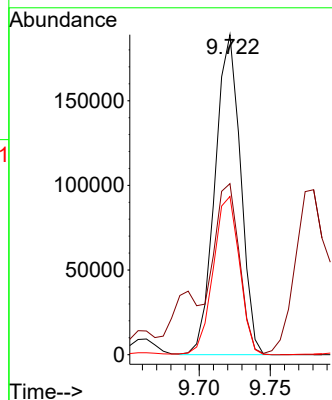
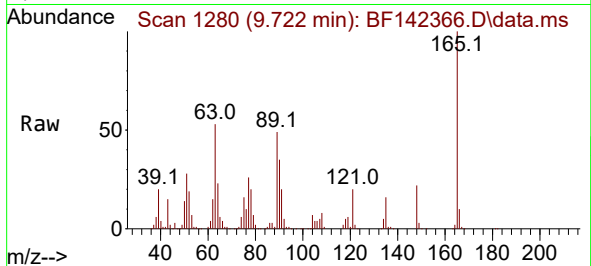




#51  
2,6-Dinitrotoluene  
Concen: 53.116 ng  
RT: 9.722 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

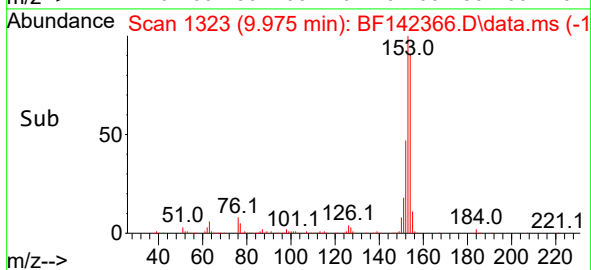
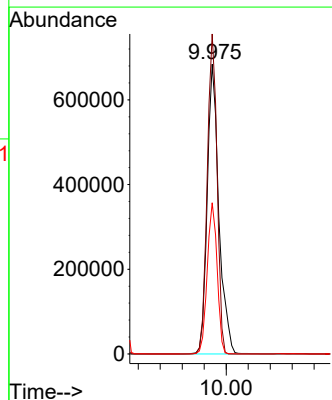
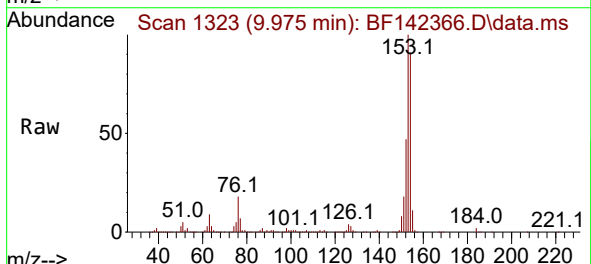
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

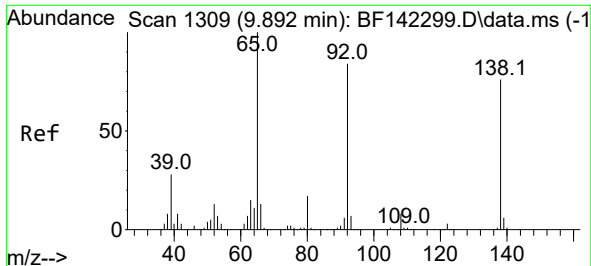
Tgt Ion:165 Resp: 236587  
Ion Ratio Lower Upper  
165 100  
63 53.4 49.5 74.3  
89 49.4 44.6 66.8



#52  
Acenaphthene  
Concen: 47.361 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:154 Resp: 1006646  
Ion Ratio Lower Upper  
154 100  
153 110.4 88.0 132.0  
152 52.2 41.6 62.4

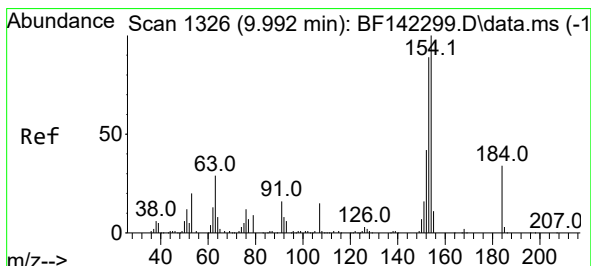
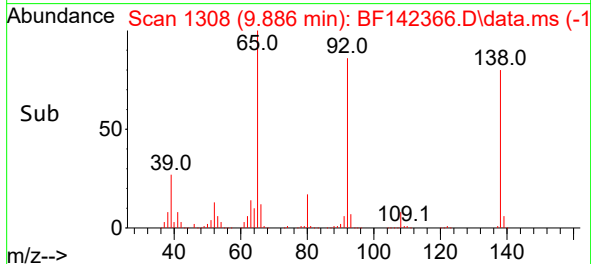
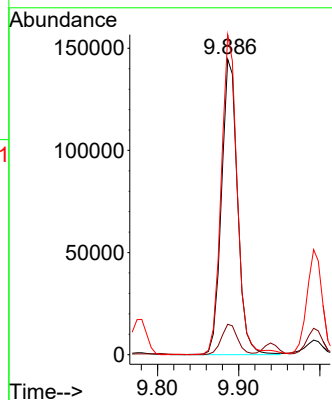
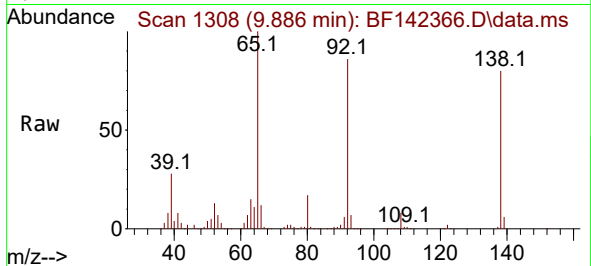




#53  
3-Nitroaniline  
Concen: 38.161 ng  
RT: 9.886 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

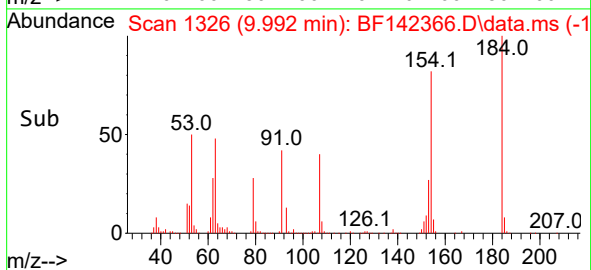
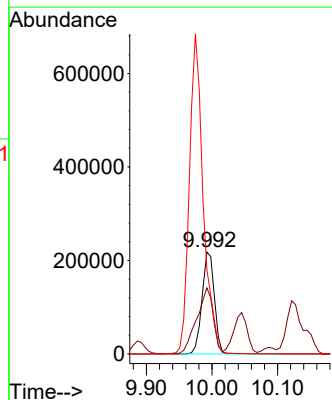
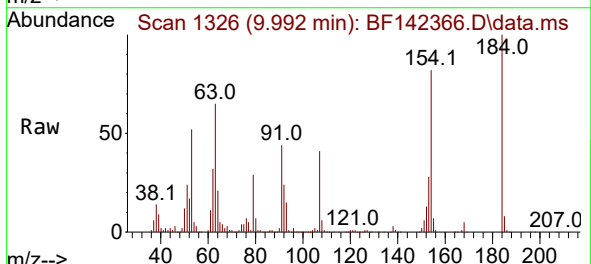
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

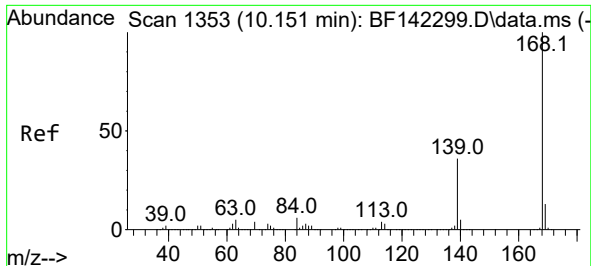
Tgt Ion:138 Resp: 199348  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.7 13.1  
92 108.3 89.5 134.3



#54  
2,4-Dinitrophenol  
Concen: 119.014 ng  
RT: 9.992 min Scan# 1326  
Delta R.T. 0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:184 Resp: 286965  
Ion Ratio Lower Upper  
184 100  
63 64.8 70.6 105.8#  
154 82.4 257.2 385.8#

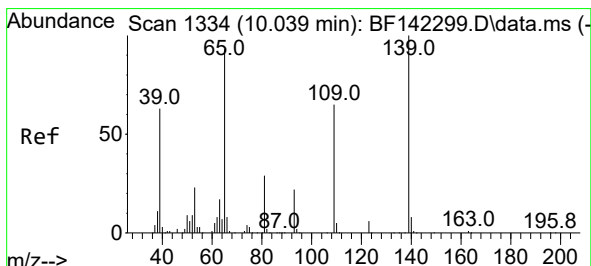
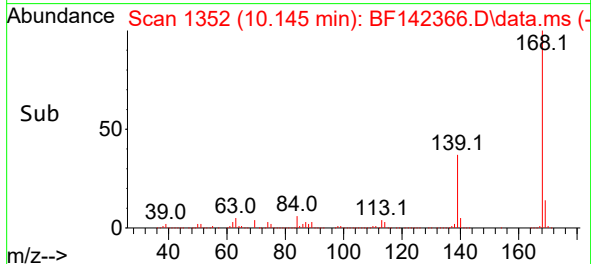
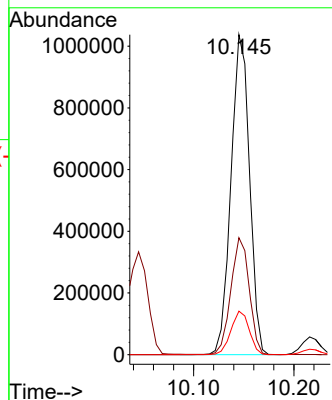
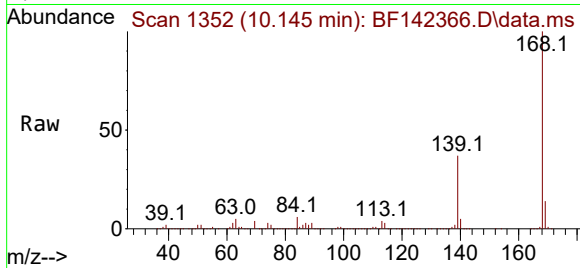




#55  
Dibenzofuran  
Concen: 42.476 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

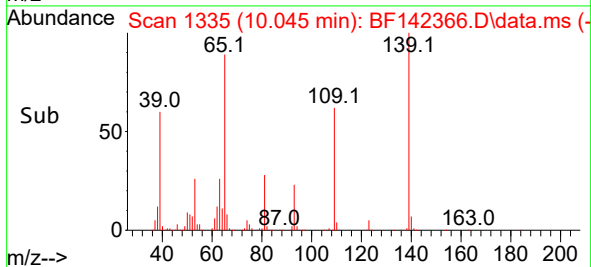
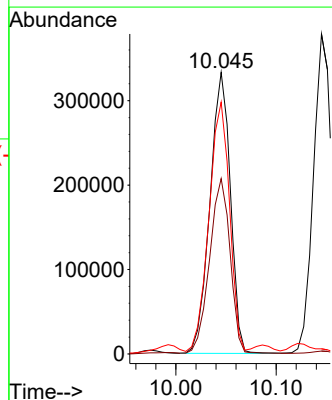
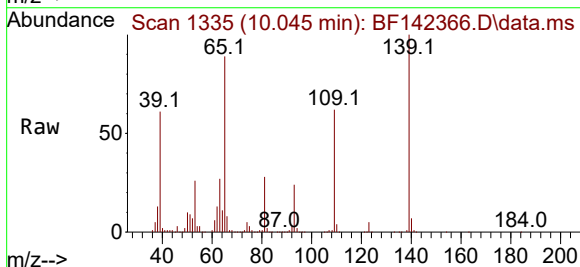
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

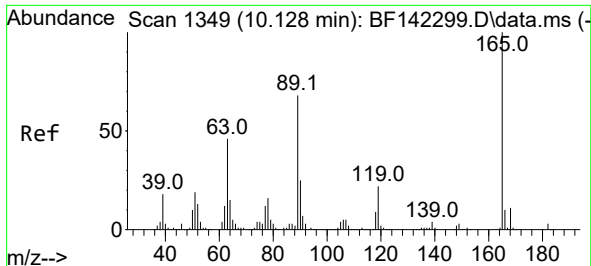
Tgt Ion:168 Resp: 1332401  
Ion Ratio Lower Upper  
168 100  
139 36.5 29.0 43.4  
169 13.6 10.7 16.1



#56  
4-Nitrophenol  
Concen: 120.085 ng  
RT: 10.045 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:139 Resp: 472127  
Ion Ratio Lower Upper  
139 100  
109 62.3 45.3 85.3  
65 89.4 73.9 113.9

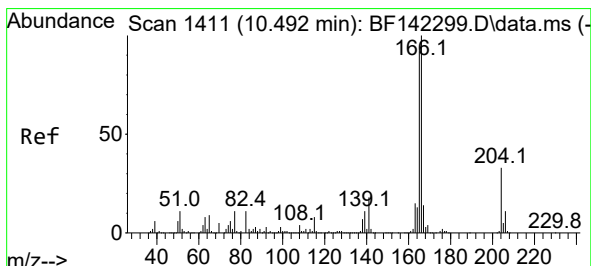
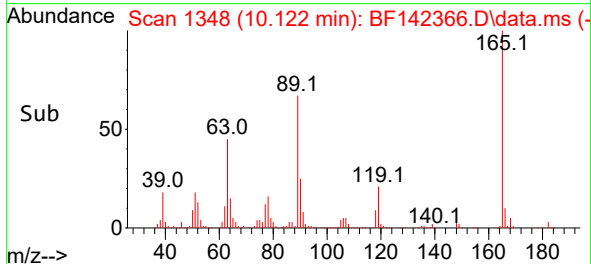
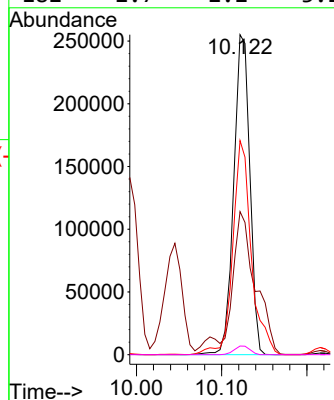
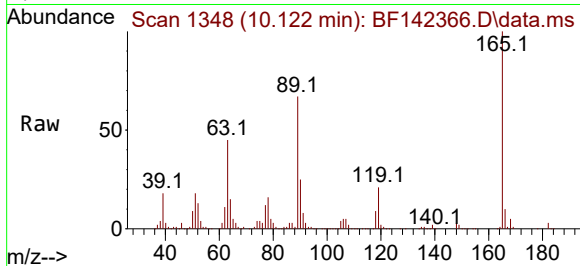




#57  
2,4-Dinitrotoluene  
Concen: 58.716 ng  
RT: 10.122 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

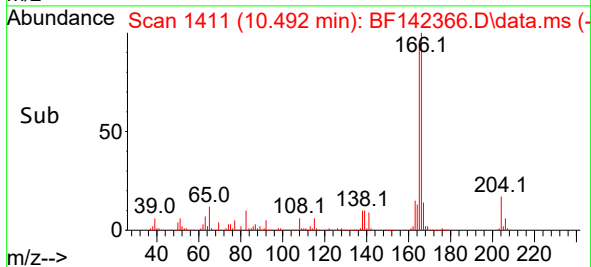
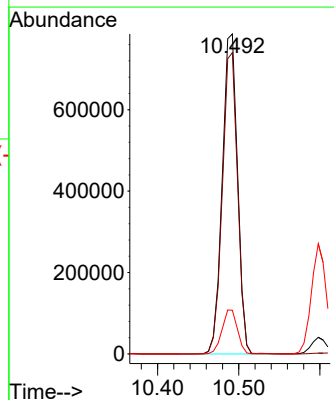
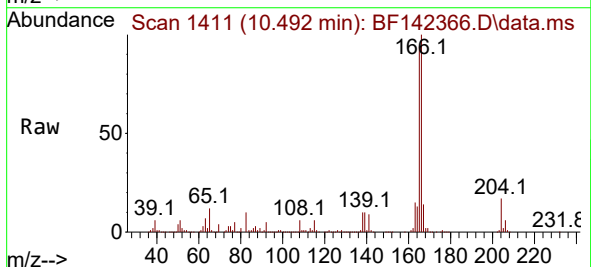
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

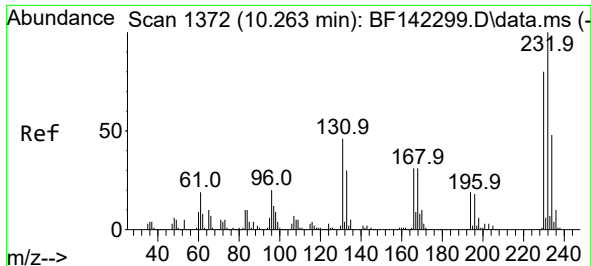
Tgt Ion:165 Resp: 335471  
Ion Ratio Lower Upper  
165 100  
63 44.7 37.1 55.7  
89 66.9 54.4 81.6  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 43.079 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:166 Resp: 1031269  
Ion Ratio Lower Upper  
166 100  
165 94.2 74.0 111.0  
167 13.7 10.9 16.3

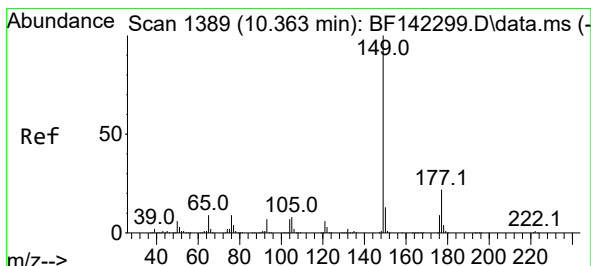
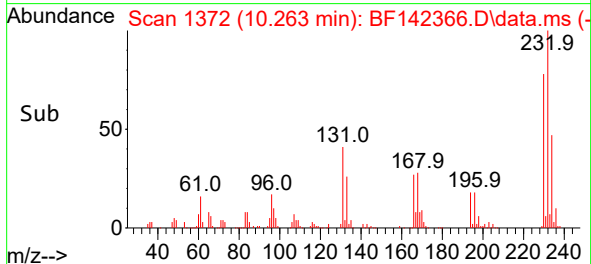
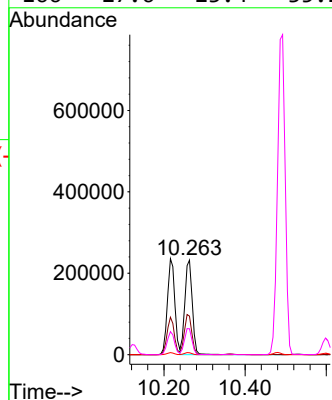
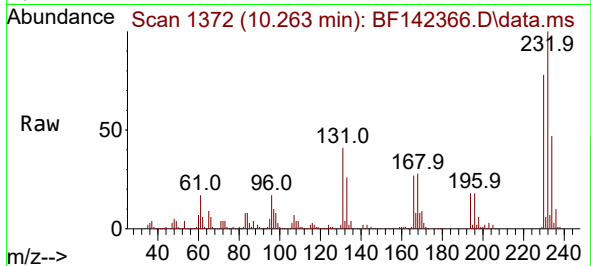




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.430 ng  
RT: 10.263 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

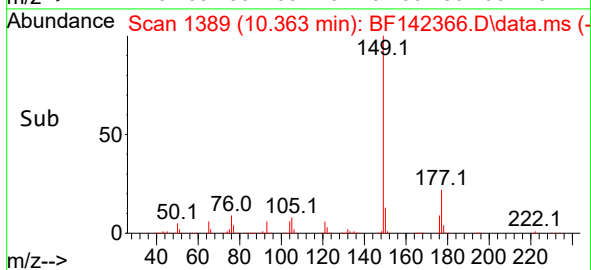
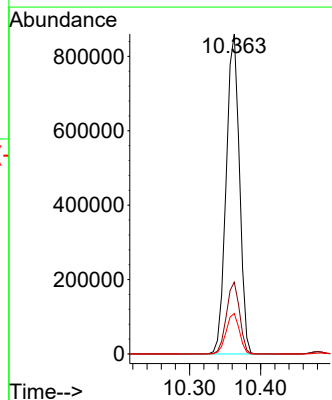
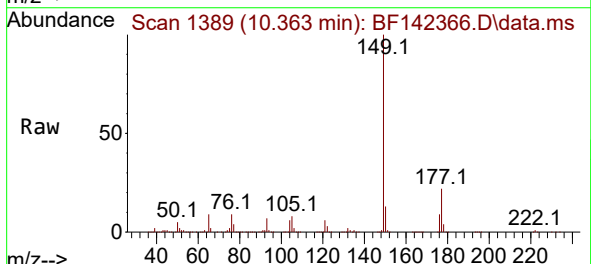
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

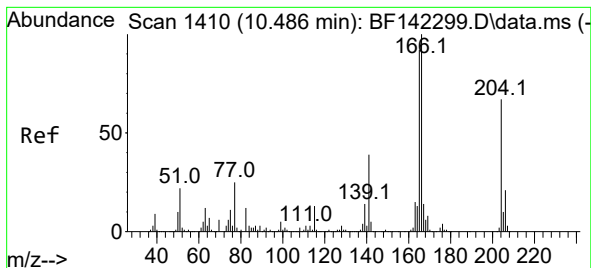
Tgt Ion:232 Resp: 294911  
Ion Ratio Lower Upper  
232 100  
131 42.5 36.0 54.0  
130 2.1 1.8 2.6  
166 27.6 23.4 35.2



#60  
Diethylphthalate  
Concen: 46.787 ng  
RT: 10.363 min Scan# 1389  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:149 Resp: 1111846  
Ion Ratio Lower Upper  
149 100  
177 22.5 17.6 26.4  
150 12.7 10.1 15.1

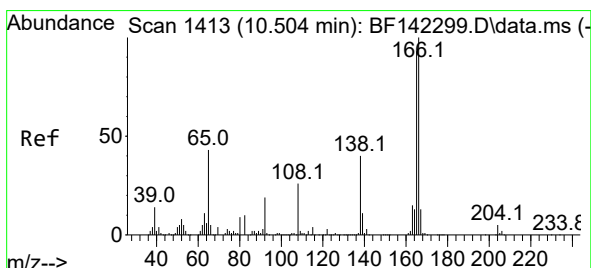
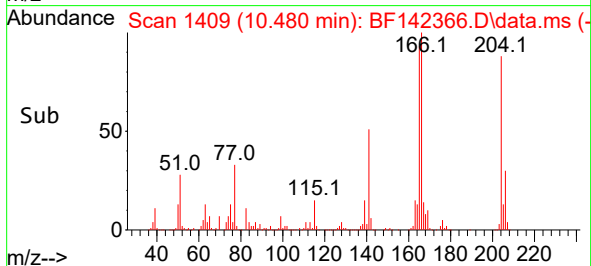
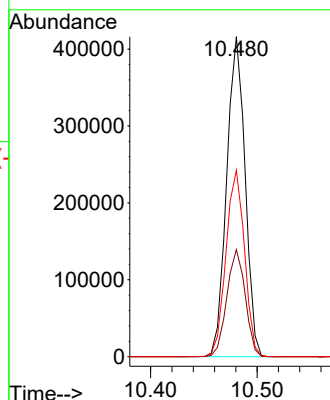
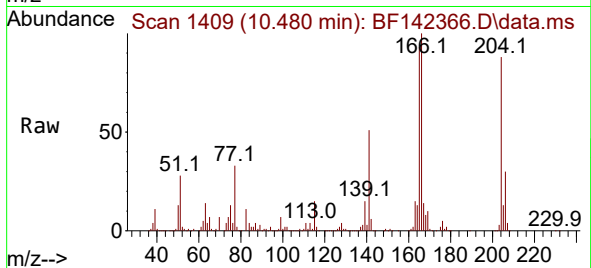




#61  
4-Chlorophenyl-phenylether  
Concen: 43.246 ng  
RT: 10.480 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

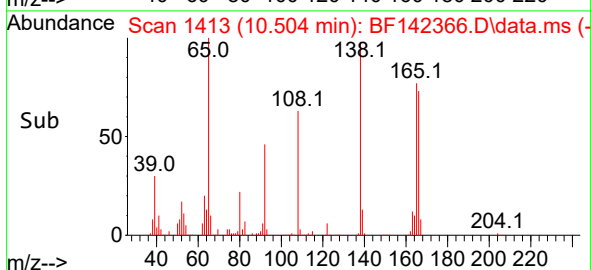
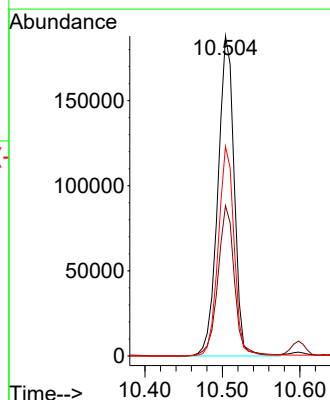
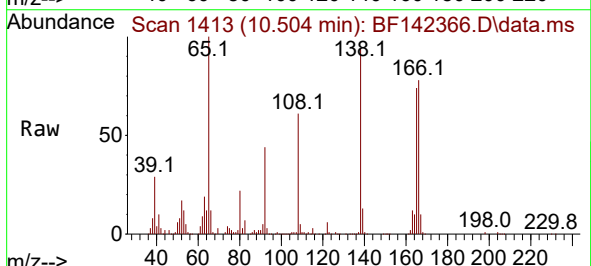
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

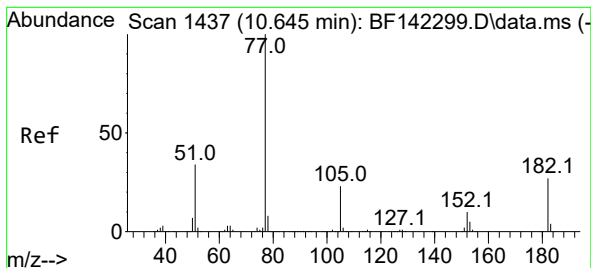
Tgt Ion:204 Resp: 499460  
Ion Ratio Lower Upper  
204 100  
206 33.4 25.5 38.3  
141 58.3 46.4 69.6



#62  
4-Nitroaniline  
Concen: 66.491 ng  
RT: 10.504 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:138 Resp: 275293  
Ion Ratio Lower Upper  
138 100  
92 47.0 27.3 67.3  
108 65.5 45.1 85.1





#63

Azobenzene

Concen: 47.008 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

Tgt Ion: 77 Resp: 1067468

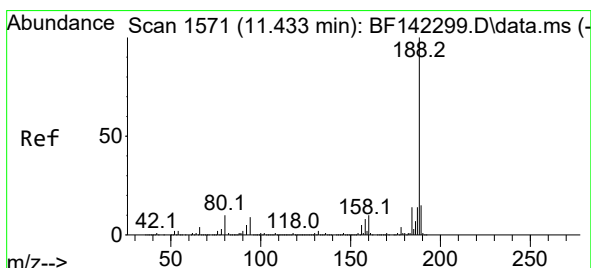
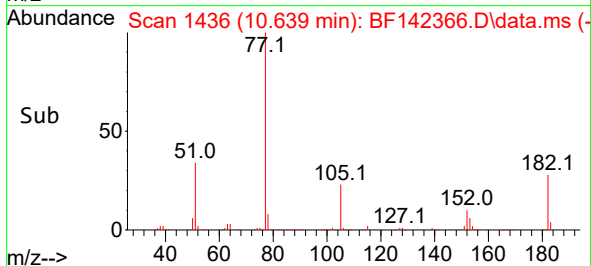
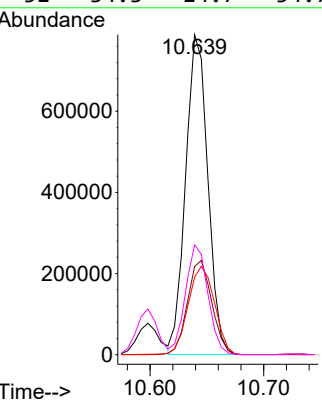
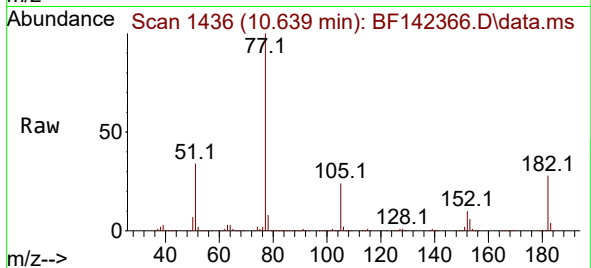
Ion Ratio Lower Upper

77 100

182 27.6 6.9 46.9

105 24.2 2.7 42.7

51 34.3 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

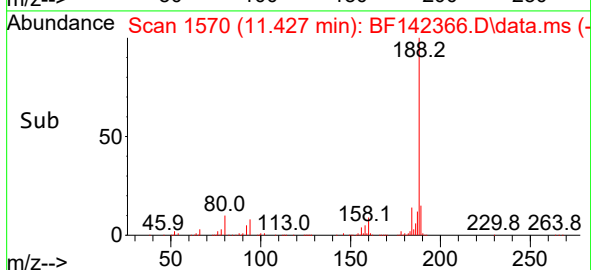
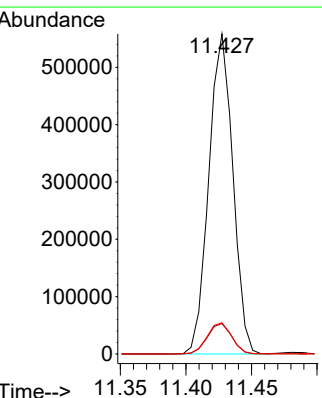
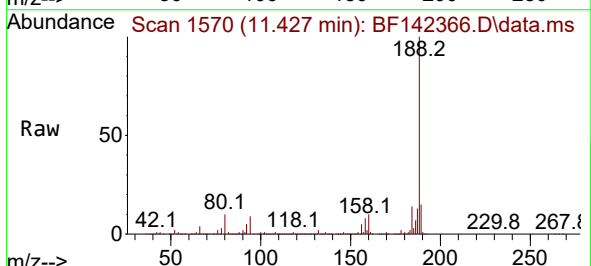
Tgt Ion:188 Resp: 711855

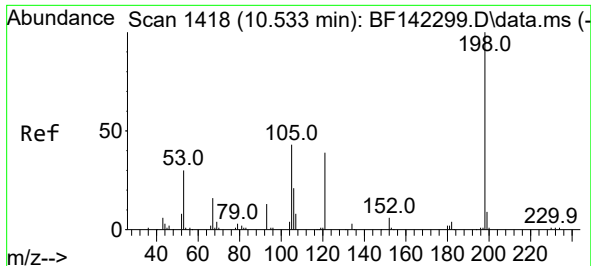
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.8 7.9 11.9

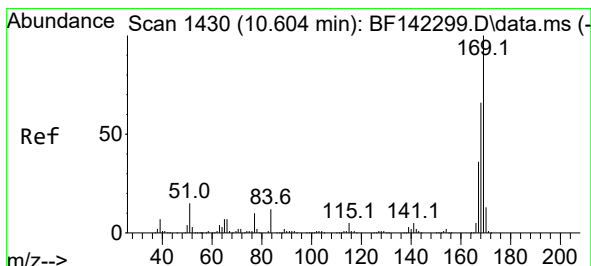
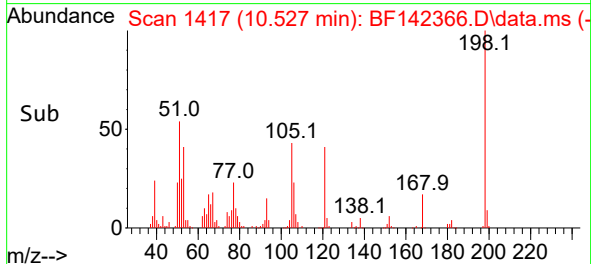
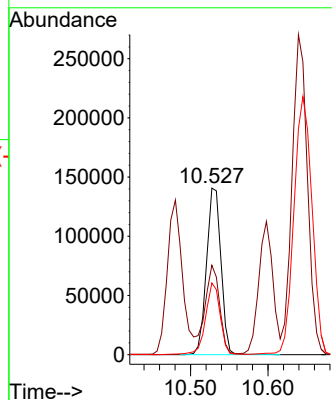
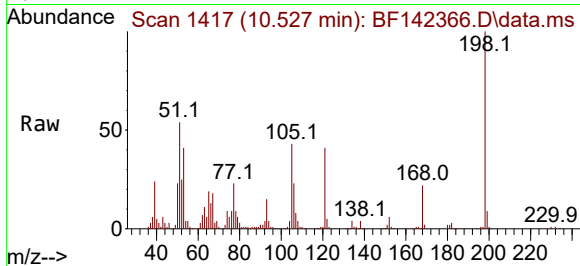




#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.887 ng  
RT: 10.527 min Scan# 1417  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

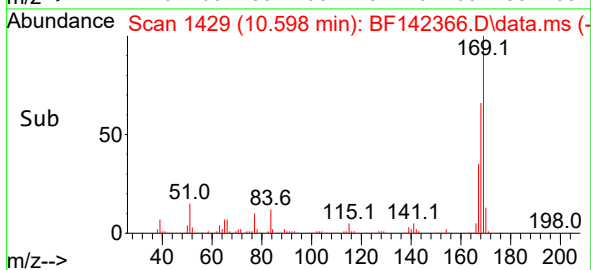
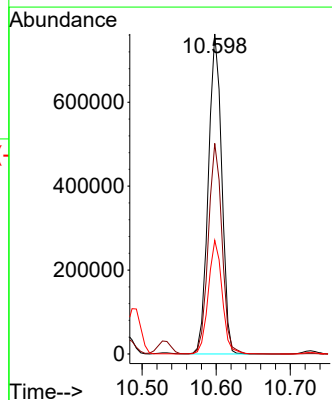
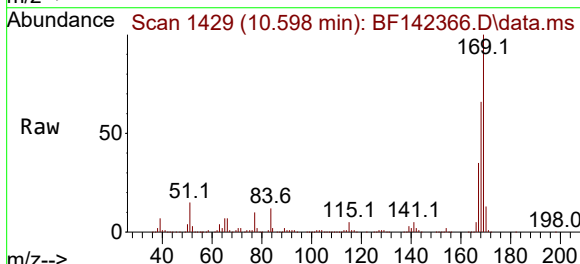
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

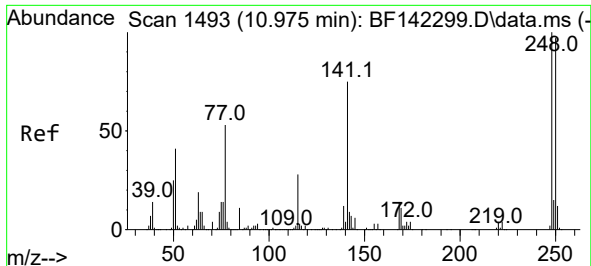
Tgt Ion:198 Resp: 182251  
Ion Ratio Lower Upper  
198 100  
51 53.8 32.9 72.9  
105 43.0 23.7 63.7



#66  
n-Nitrosodiphenylamine  
Concen: 40.411 ng  
RT: 10.598 min Scan# 1429  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:169 Resp: 957255  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.2 79.8  
167 35.5 28.9 43.3

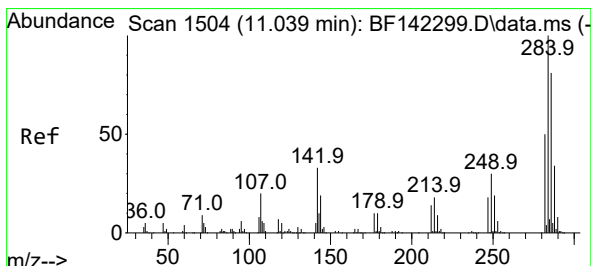
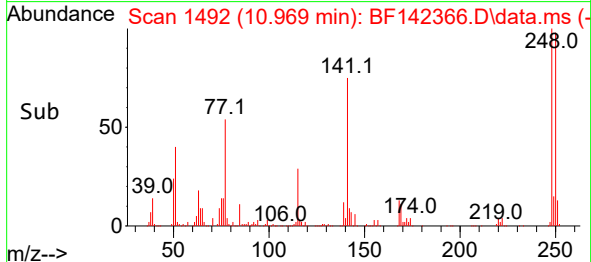
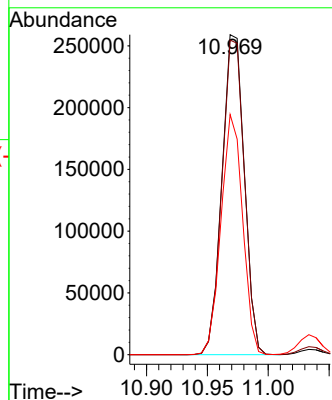
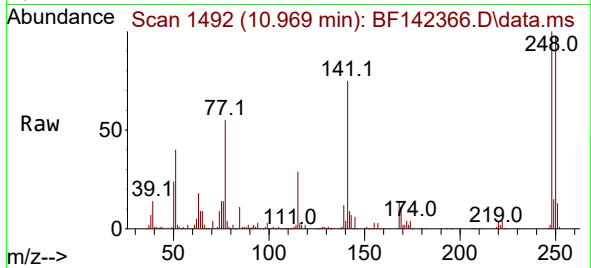




#67  
4-Bromophenyl-phenylether  
Concen: 41.185 ng  
RT: 10.969 min Scan# 1492  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

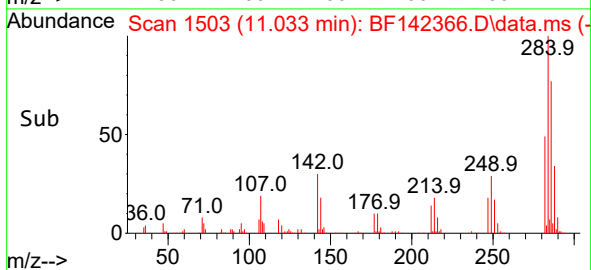
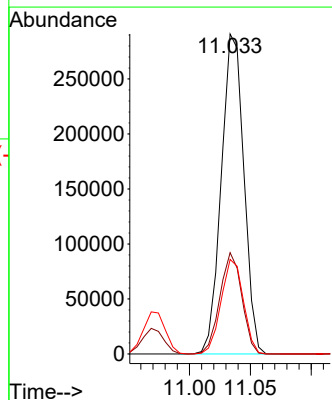
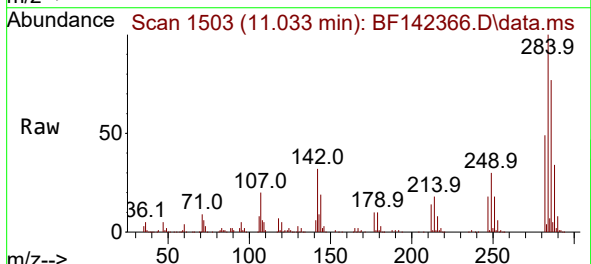
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

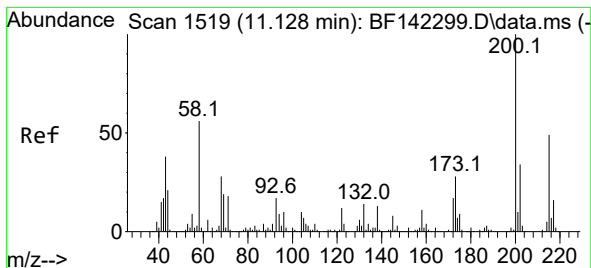
Tgt Ion:248 Resp: 332268  
Ion Ratio Lower Upper  
248 100  
250 98.3 77.9 116.9  
141 75.1 59.8 89.8



#68  
Hexachlorobenzene  
Concen: 42.302 ng  
RT: 11.033 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:284 Resp: 375399  
Ion Ratio Lower Upper  
284 100  
142 31.7 26.6 39.8  
249 29.5 24.1 36.1





#69

Atrazine

Concen: 50.479 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

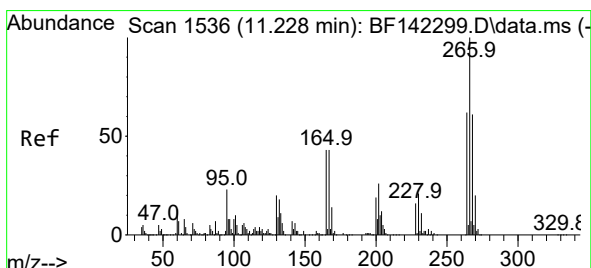
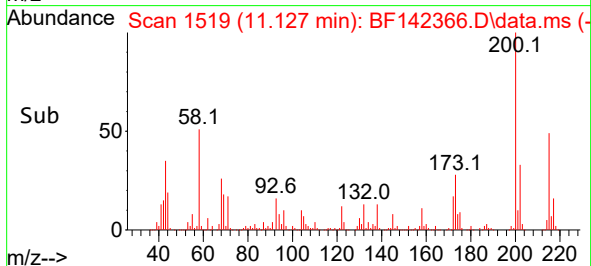
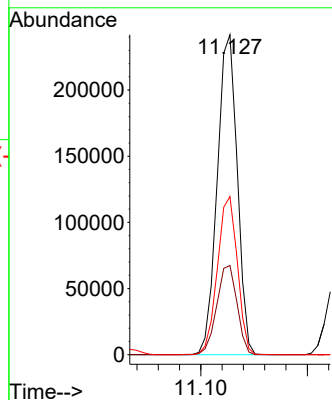
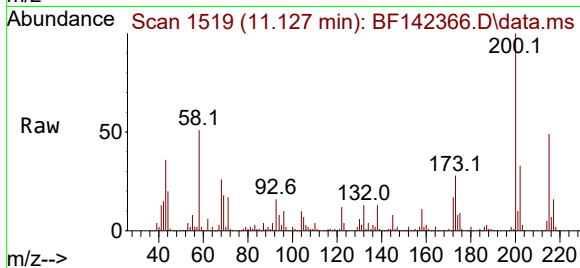
Tgt Ion:200 Resp: 315199

Ion Ratio Lower Upper

200 100

173 27.8 8.1 48.1

215 49.4 28.8 68.8



#70

Pentachlorophenol

Concen: 102.224 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

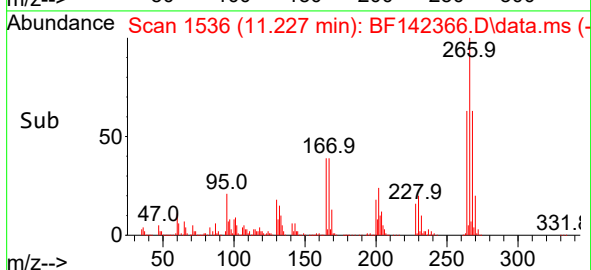
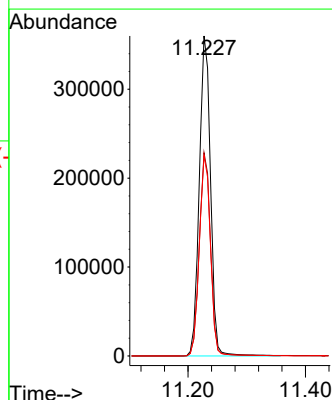
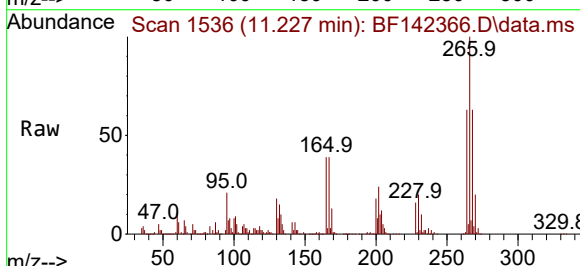
Tgt Ion:266 Resp: 477233

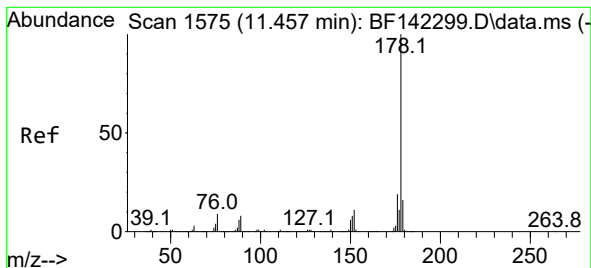
Ion Ratio Lower Upper

266 100

268 63.5 48.7 73.1

264 62.7 49.8 74.6





#71

Phenanthrene

Concen: 41.756 ng

RT: 11.451 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

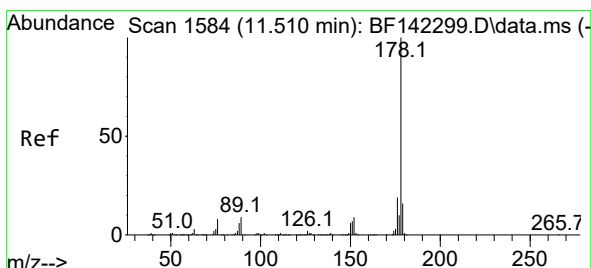
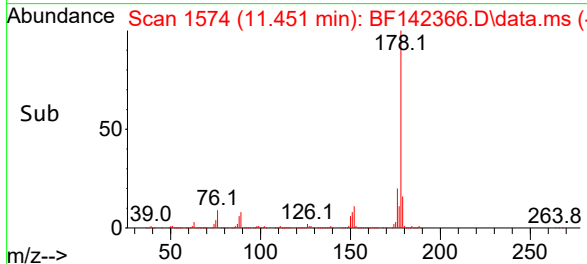
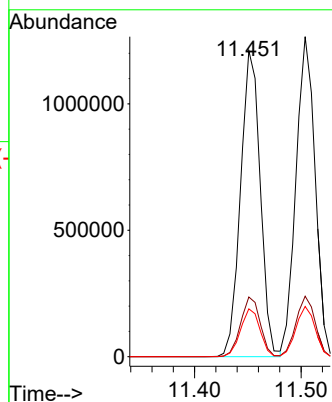
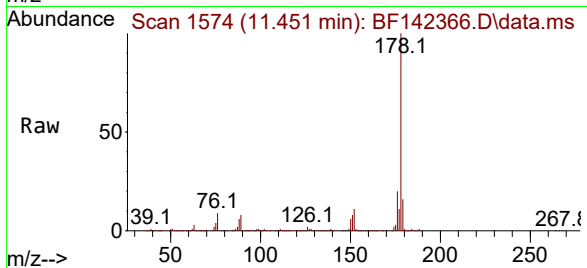
Tgt Ion:178 Resp: 1558066

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.6 12.6 18.8



#72

Anthracene

Concen: 41.241 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

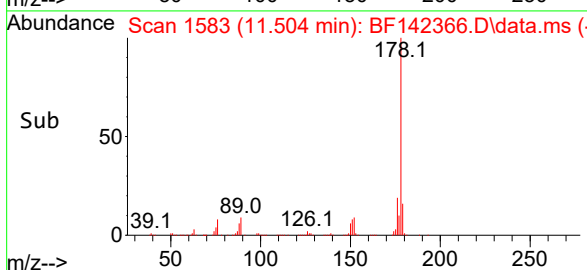
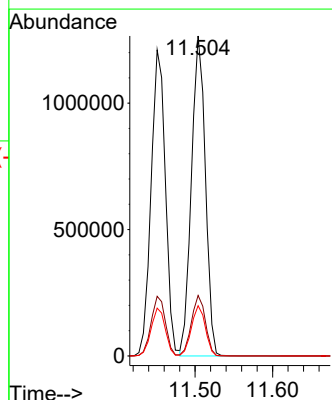
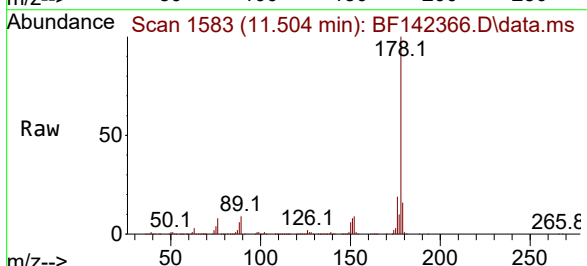
Tgt Ion:178 Resp: 1581175

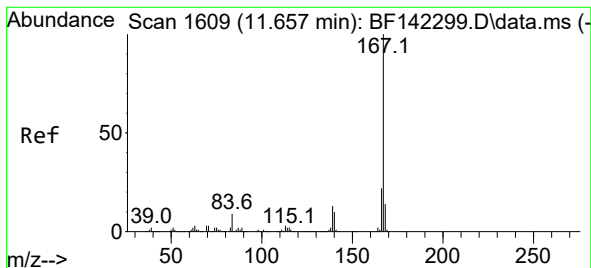
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.7 12.6 18.8





#73

Carbazole

Concen: 44.329 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

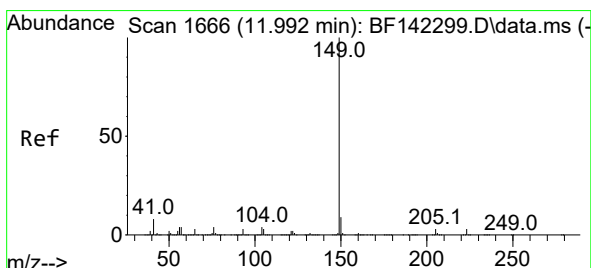
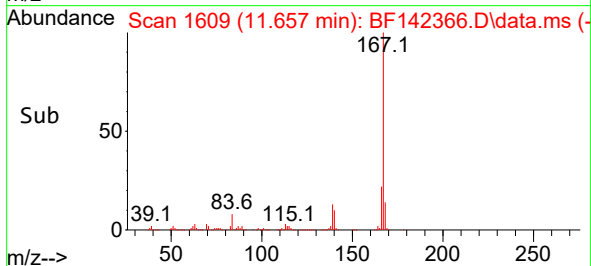
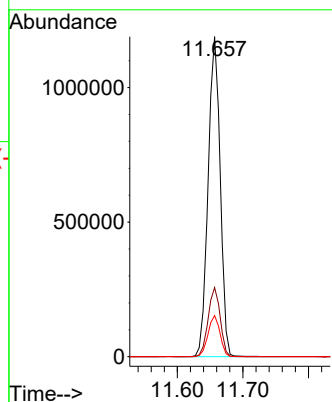
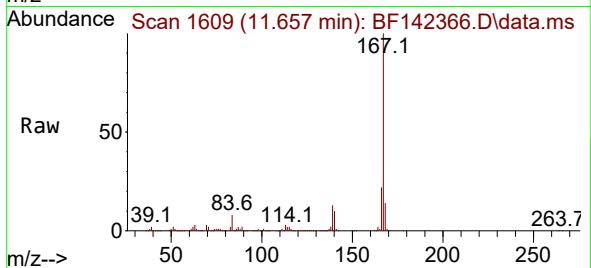
Tgt Ion:167 Resp: 1524800

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 51.885 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

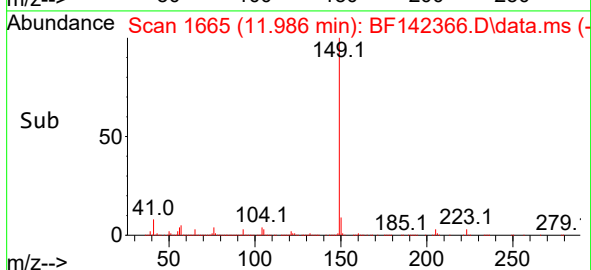
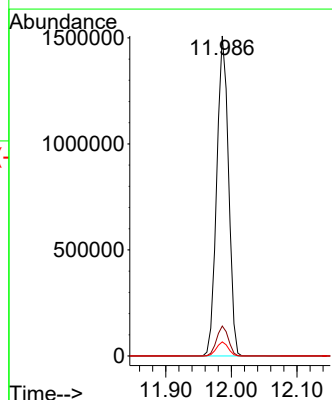
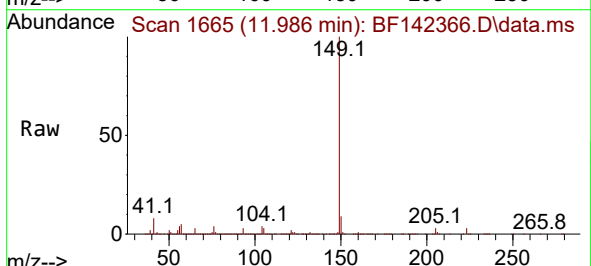
Tgt Ion:149 Resp: 1876651

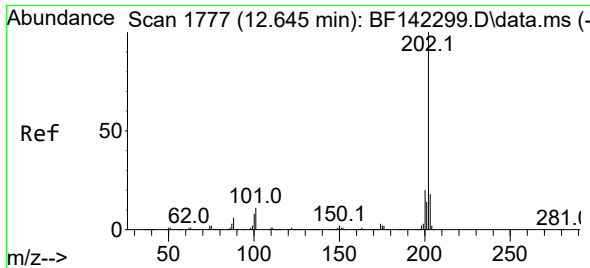
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.4 3.6 5.4

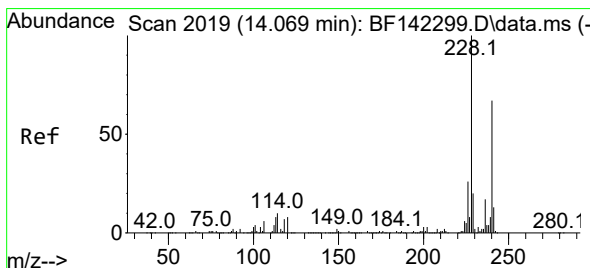
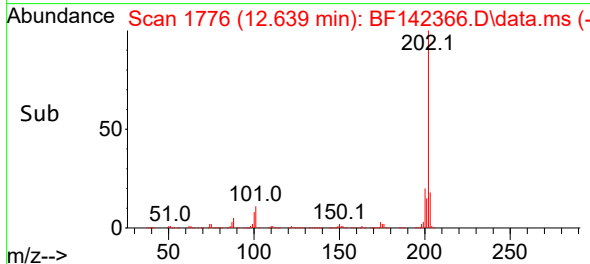
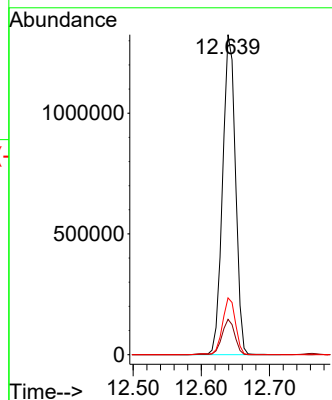
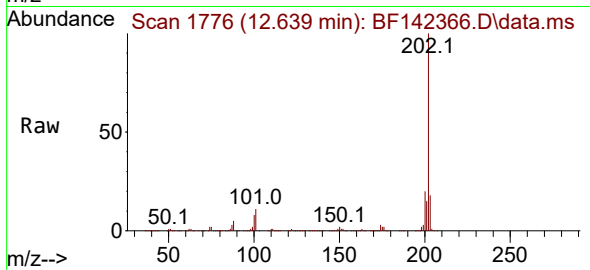




#75  
Fluoranthene  
Concen: 46.650 ng  
RT: 12.639 min Scan# 1776  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

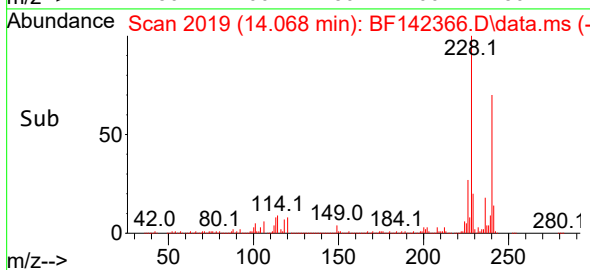
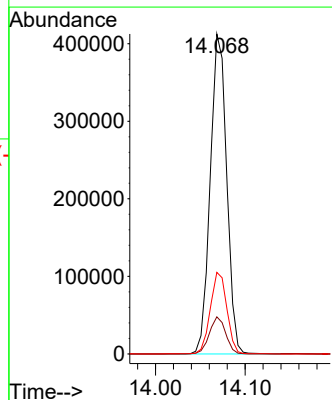
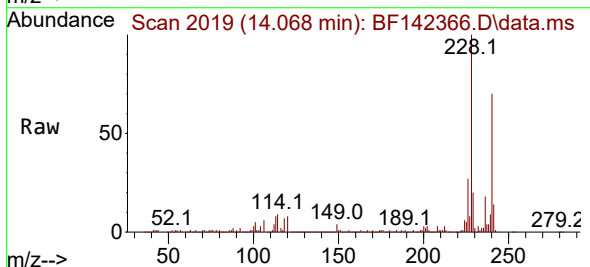
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

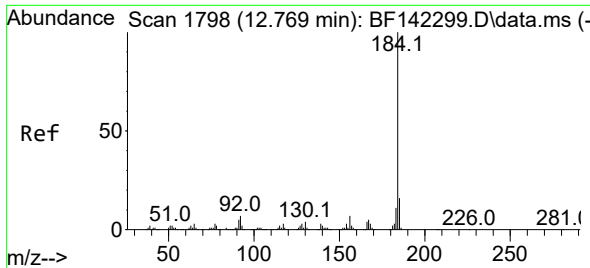
Tgt Ion:202 Resp: 1740035  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 31.4  
203 17.8 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:240 Resp: 525246  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.7 14.5  
236 25.5 20.0 30.0

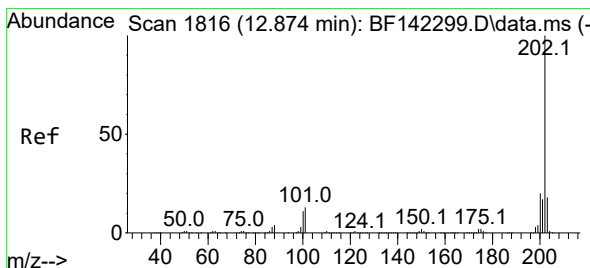
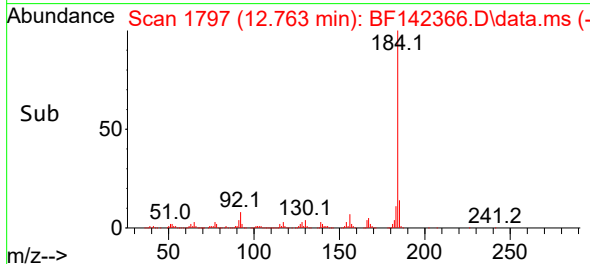
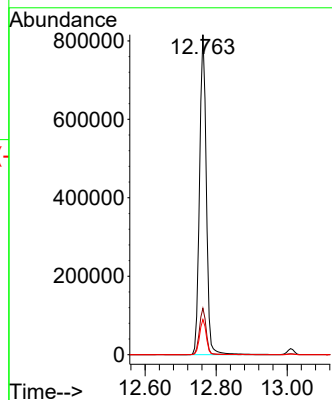
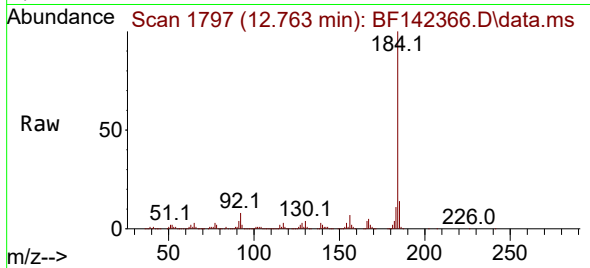




#77  
Benzidine  
Concen: 113.594 ng  
RT: 12.763 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

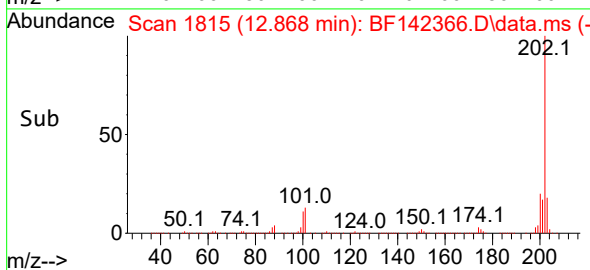
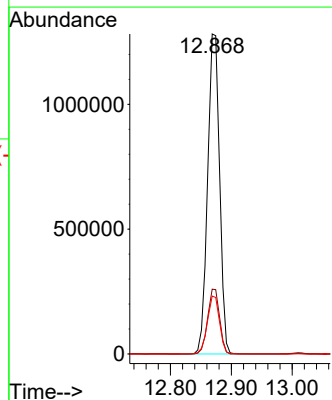
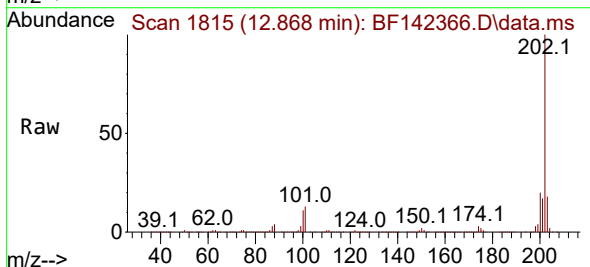
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

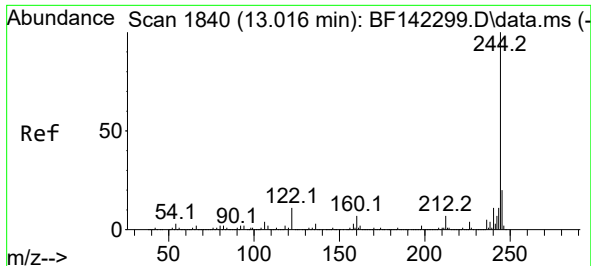
Tgt Ion:184 Resp: 1084279  
Ion Ratio Lower Upper  
184 100  
185 14.5 12.6 18.8  
183 11.0 8.6 12.8



#78  
Pyrene  
Concen: 37.450 ng  
RT: 12.868 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:202 Resp: 1750839  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.2 24.4  
203 18.1 14.3 21.5

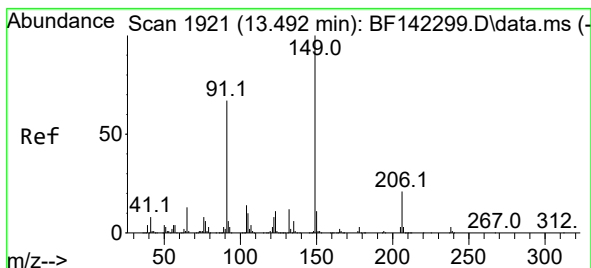
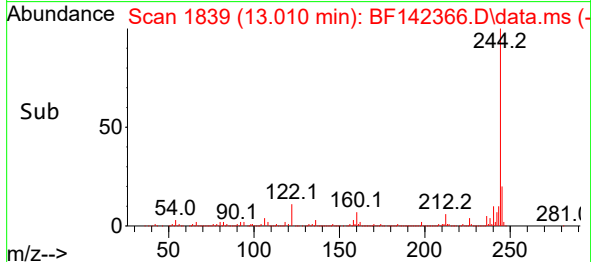
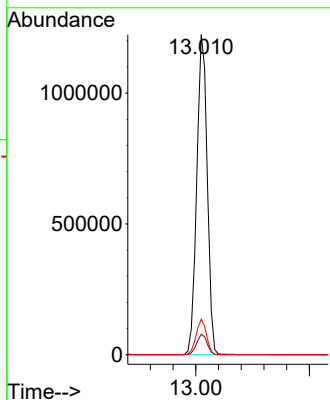
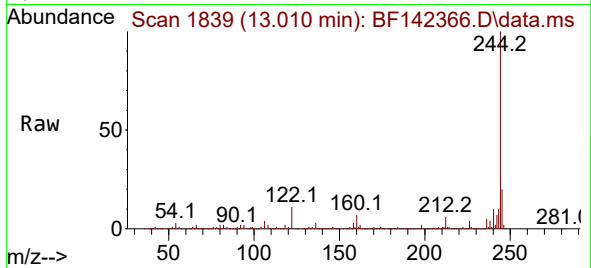




#79  
 Terphenyl-d14  
 Concen: 44.350 ng  
 RT: 13.010 min Scan# 1839  
 Delta R.T. -0.006 min  
 Lab File: BF142366.D  
 Acq: 14 May 2025 15:20

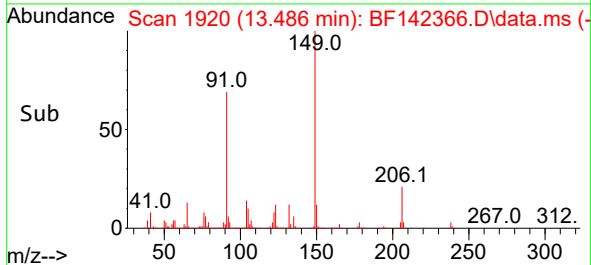
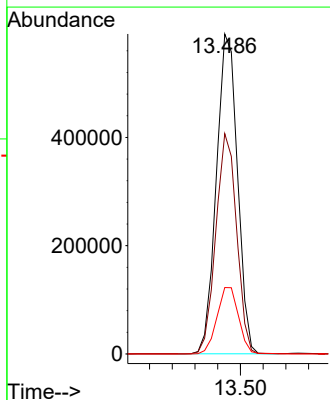
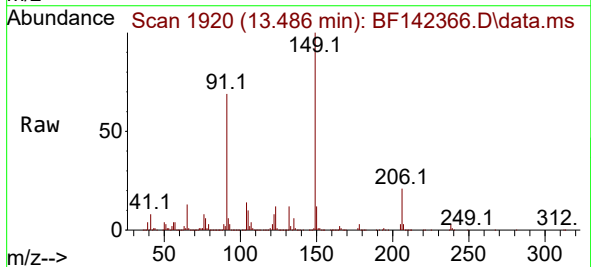
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3MS

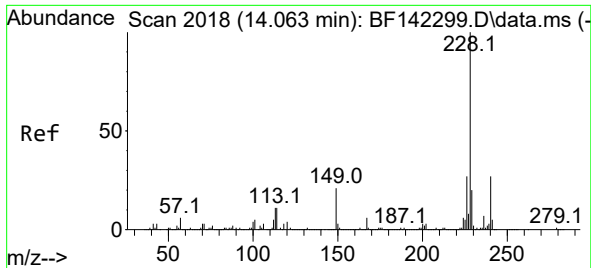
Tgt Ion:244 Resp: 1573866  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.4 8.2  
 122 11.0 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 55.331 ng  
 RT: 13.486 min Scan# 1920  
 Delta R.T. -0.006 min  
 Lab File: BF142366.D  
 Acq: 14 May 2025 15:20

Tgt Ion:149 Resp: 763189  
 Ion Ratio Lower Upper  
 149 100  
 91 68.9 53.8 80.6  
 206 20.8 16.6 24.8

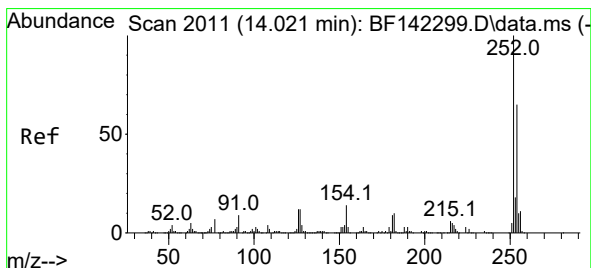
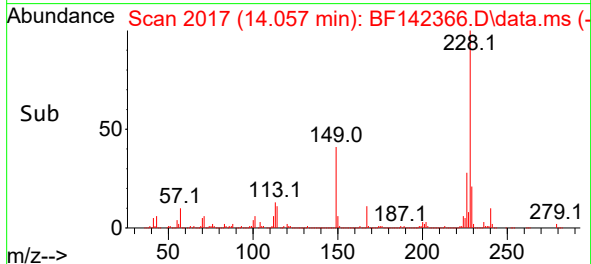
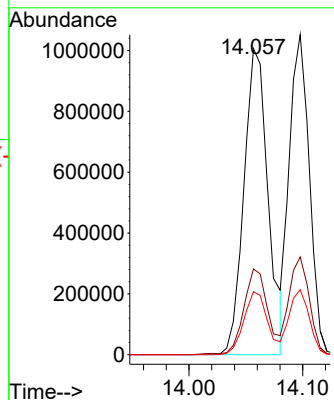
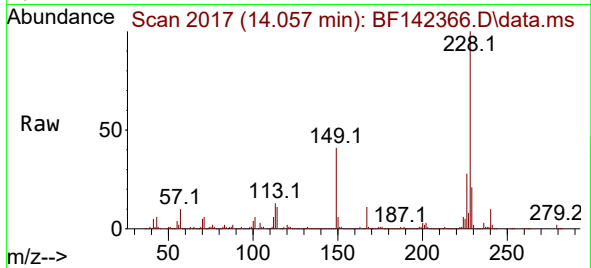




#81  
Benzo(a)anthracene  
Concen: 43.576 ng  
RT: 14.057 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

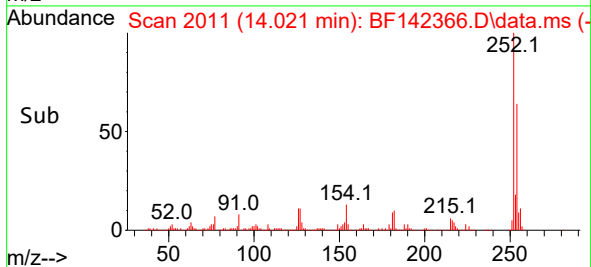
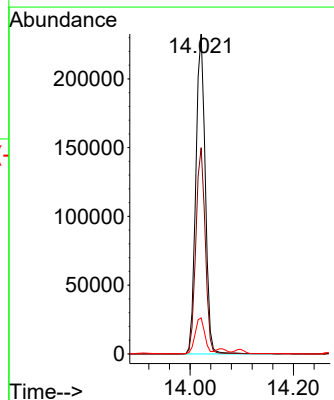
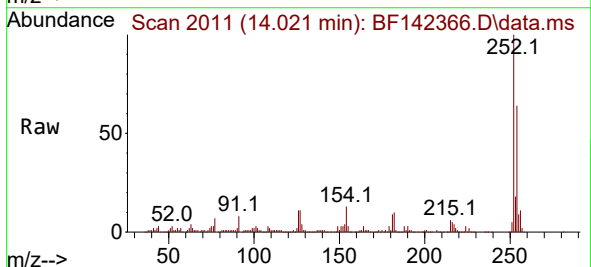
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

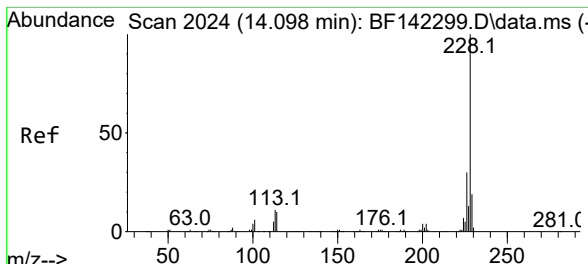
Tgt Ion:228 Resp: 1482251  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.5 32.3  
229 20.6 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 37.281 ng  
RT: 14.021 min Scan# 2011  
Delta R.T. 0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:252 Resp: 294906  
Ion Ratio Lower Upper  
252 100  
254 64.5 52.0 78.0  
126 11.3 9.7 14.5





#83

Chrysene

Concen: 40.927 ng

RT: 14.098 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

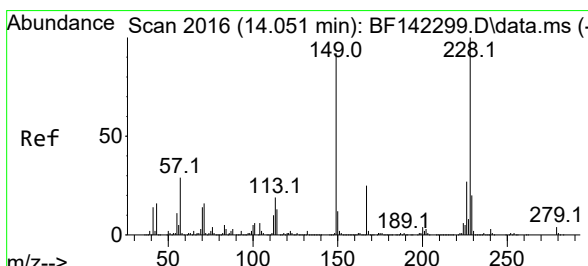
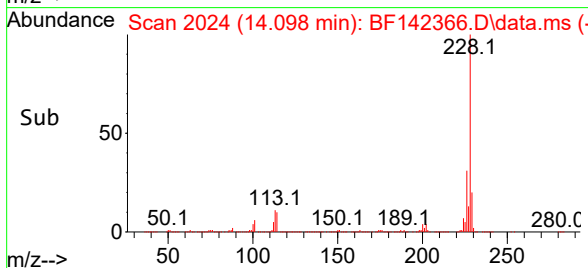
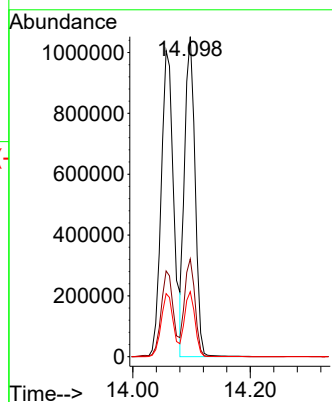
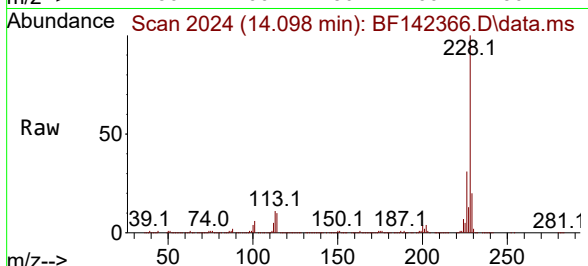
Tgt Ion:228 Resp: 1295990

Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

229 20.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.772 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

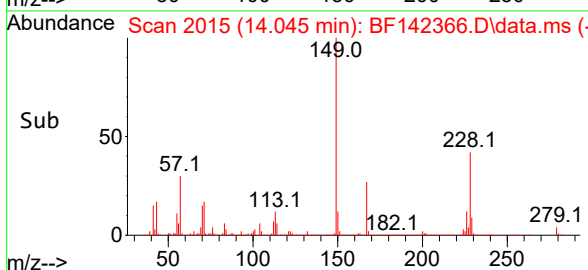
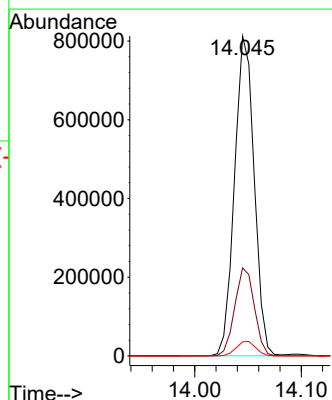
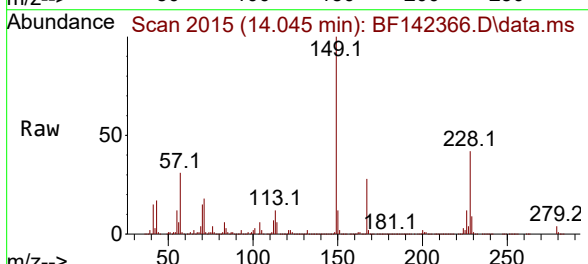
Tgt Ion:149 Resp: 1043286

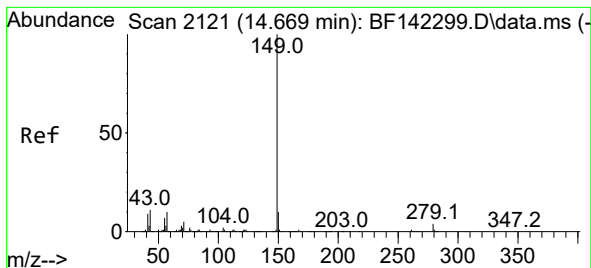
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 51.966 ng

RT: 14.662 min Scan# 21

Delta R.T. -0.007 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

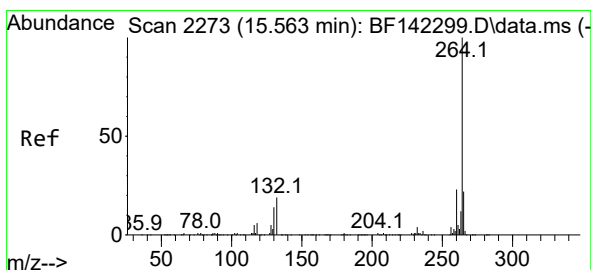
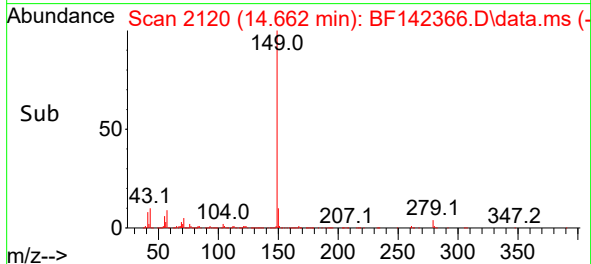
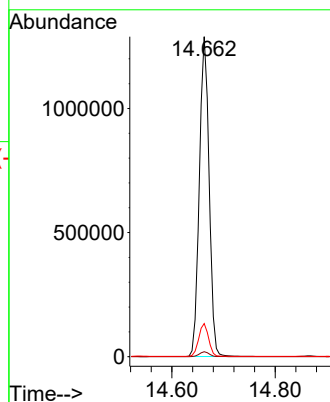
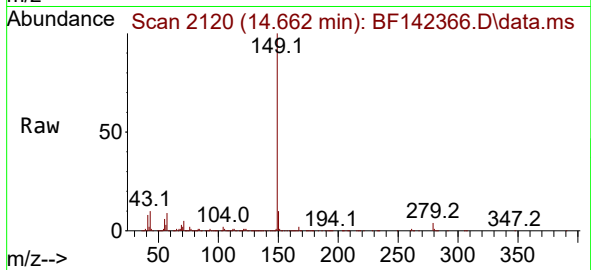
Tgt Ion:149 Resp: 1689536

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

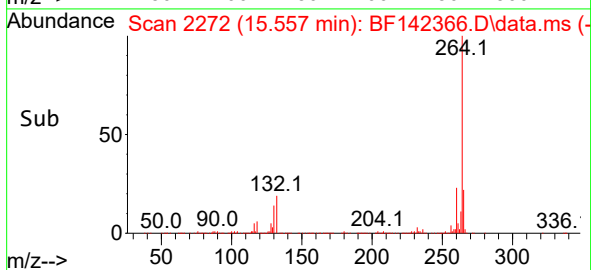
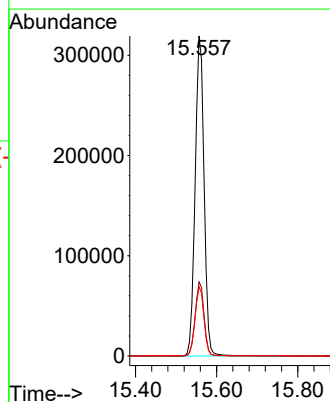
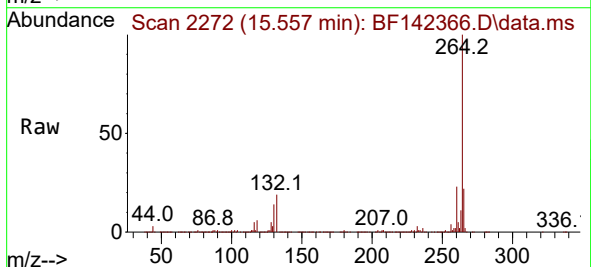
Tgt Ion:264 Resp: 490879

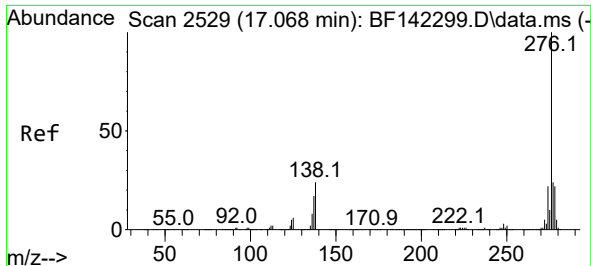
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.6 17.5 26.3

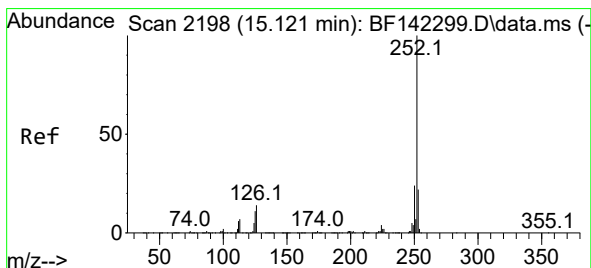
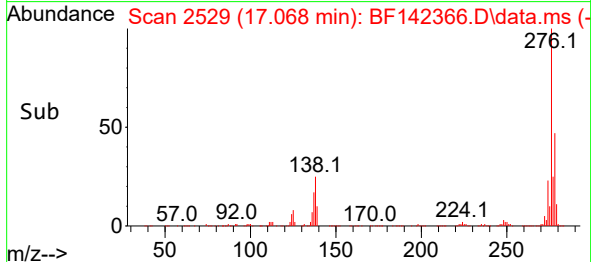
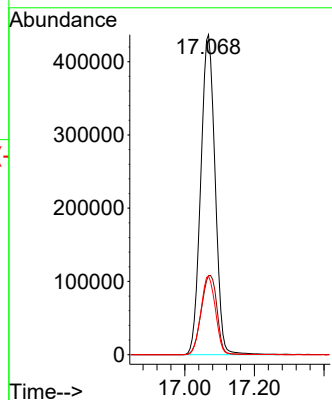
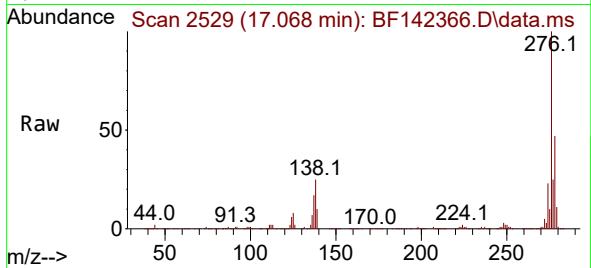




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 36.645 ng  
RT: 17.068 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

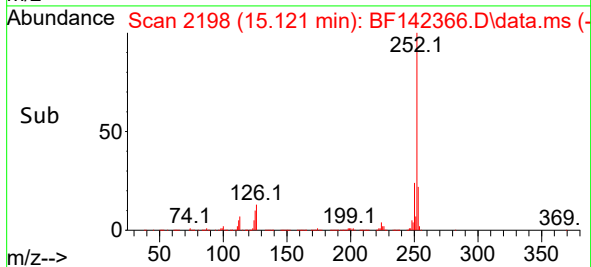
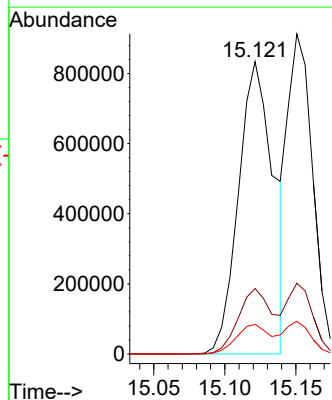
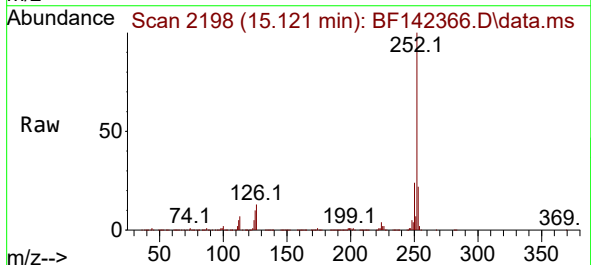
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

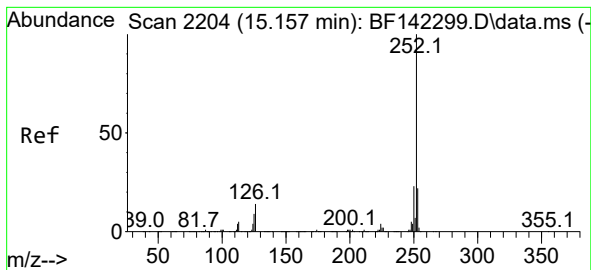
Tgt Ion:276 Resp: 1251333  
Ion Ratio Lower Upper  
276 100  
138 27.2 22.0 33.0  
277 25.1 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 47.956 ng  
RT: 15.121 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:252 Resp: 1425761  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 10.1 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 41.448 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

Instrument :

BNA\_F

ClientSampleId :

TP-3MS

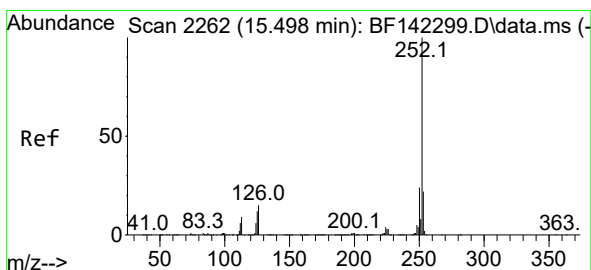
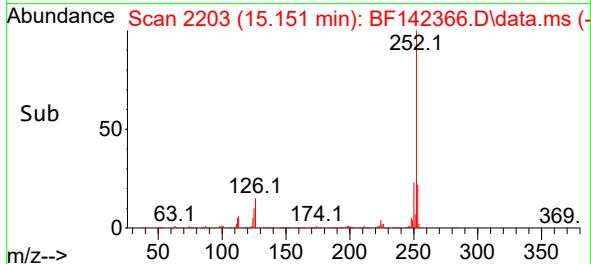
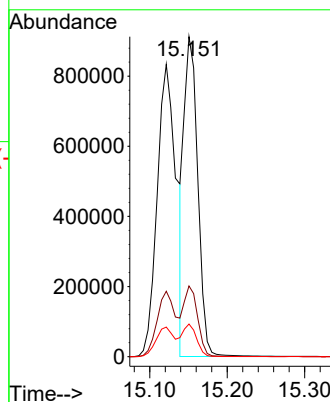
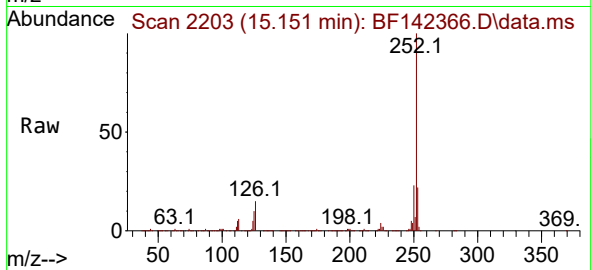
Tgt Ion:252 Resp: 1127681

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 45.278 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF142366.D

Acq: 14 May 2025 15:20

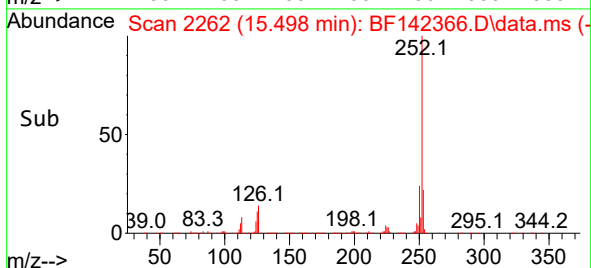
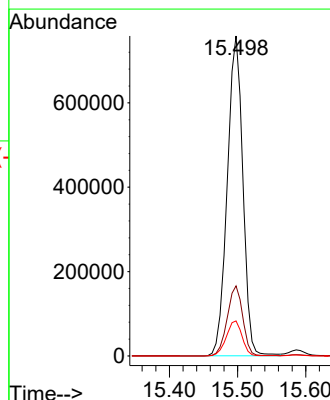
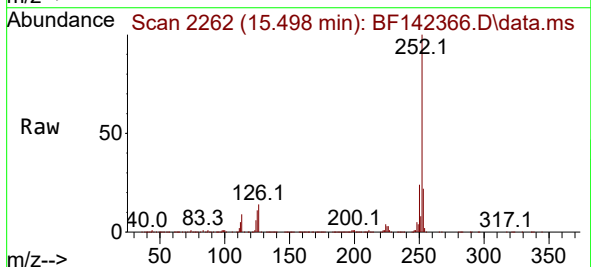
Tgt Ion:252 Resp: 1206289

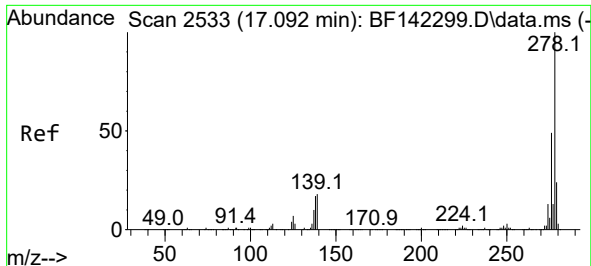
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.9 9.4 14.0

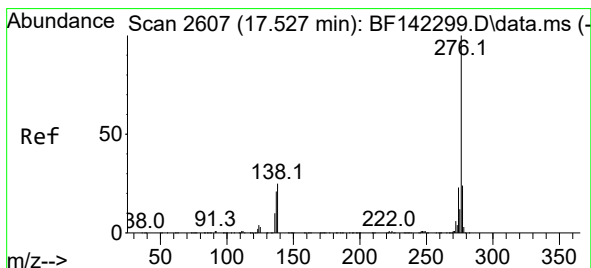
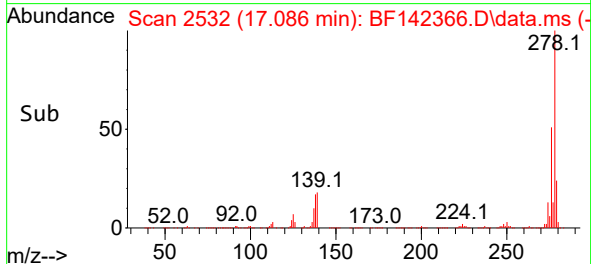
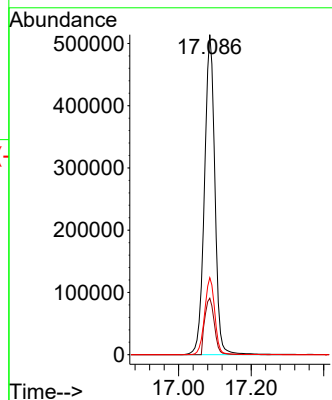
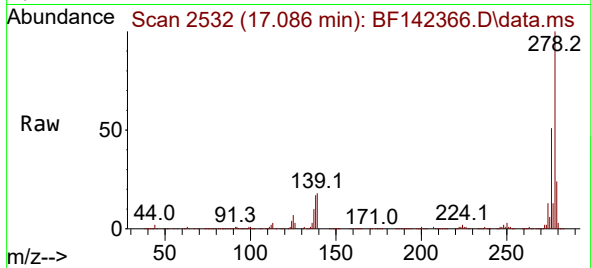




#91  
Dibenzo(a,h)anthracene  
Concen: 36.328 ng  
RT: 17.086 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MS

Tgt Ion:278 Resp: 1024841  
Ion Ratio Lower Upper  
278 100  
139 17.7 14.5 21.7  
279 24.1 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 34.043 ng  
RT: 17.521 min Scan# 2606  
Delta R.T. -0.006 min  
Lab File: BF142366.D  
Acq: 14 May 2025 15:20

Tgt Ion:276 Resp: 953165  
Ion Ratio Lower Upper  
276 100  
277 24.2 19.0 28.6  
138 23.3 19.8 29.6

