

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070225\  
 Data File : BF142968.D  
 Acq On : 02 Jul 2025 13:47  
 Operator : RC/JU  
 Sample : Q2452-04MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5MSD

Quant Time: Jul 02 14:07:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 61568    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 236104   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.916  | 164  | 129520   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 215277   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 118384   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 128324   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 410102   | 110.900 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 456394   | 104.609 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 325703   | 75.666  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 175972   | 132.027 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 726436   | 73.680  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.992 | 244  | 553587   | 64.611  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.752  | 88   | 42033    | 28.418  | ng    | # 82     |
| 3) Pyridine                   | 3.487  | 79   | 110048   | 29.678  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.416  | 42   | 66925    | 34.903  | ng    | 97       |
| 6) Aniline                    | 6.540  | 93   | 112393   | 19.361  | ng    | # 87     |
| 8) 2-Chlorophenol             | 6.663  | 128  | 154940   | 38.842  | ng    | 97       |
| 9) Benzaldehyde               | 6.428  | 77   | 30374    | 11.735  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 162500   | 33.508  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 133092   | 38.398  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 143825   | 32.239  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.893  | 146  | 147350   | 32.737  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 144854   | 33.930  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.016  | 79   | 130448   | 41.359  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 198884   | 35.714  | ng    | 82       |
| 17) 2-Methylphenol            | 7.134  | 107  | 118692   | 39.264  | ng    | 96       |
| 18) Hexachloroethane          | 7.387  | 117  | 49591    | 31.499  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 104098   | 41.025  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 153074   | 40.613  | ng    | 92       |
| 22) Acetophenone              | 7.287  | 105  | 211845   | 40.688  | ng    | 100      |
| 24) Nitrobenzene              | 7.457  | 77   | 151088   | 38.781  | ng    | 98       |
| 25) Isophorone                | 7.698  | 82   | 285192   | 41.302  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.775  | 139  | 88960    | 41.917  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 151684m  | 41.261  | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 180692   | 41.161  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 139950   | 41.986  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 137303   | 37.460  | ng    | 99       |
| 31) Naphthalene               | 8.181  | 128  | 443677   | 38.391  | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 43234    | 23.074  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 69569    | 14.804  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.292  | 225  | 82466    | 36.782  | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 37147m   | 42.233  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 148002   | 44.677  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 293188   | 40.920  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 308020   | 41.529  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 152132   | 39.807  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 136089   | 62.750  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 102778   | 41.271  | ng    | 100      |

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 ALS Vial : 6 Sample Multiplier: 1

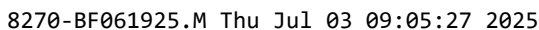
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5MSD

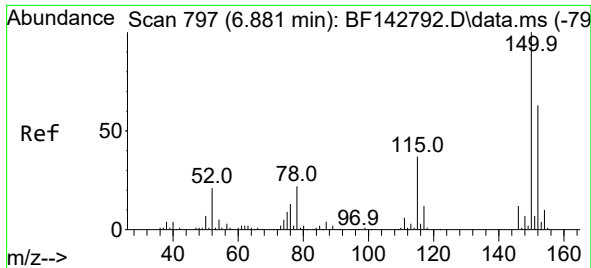
Quant Time: Jul 02 14:07:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 112710   | 42.995 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 421523   | 41.199 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 310973   | 40.502 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 93489    | 43.432 | ng    | 94       |
| 49) Acenaphthylene            | 9.781  | 152  | 525358   | 41.565 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 380645   | 45.402 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 83437    | 45.317 | ng    | 97       |
| 52) Acenaphthene              | 9.951  | 154  | 350570m  | 45.460 | ng    |          |
| 53) 3-Nitroaniline            | 9.869  | 138  | 39043    | 19.260 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 79834    | 86.596 | ng    | 95       |
| 55) Dibenzofuran              | 10.122 | 168  | 472018   | 42.685 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.039 | 139  | 114281   | 82.347 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 114720   | 46.908 | ng    | 97       |
| 58) Fluorene                  | 10.469 | 166  | 375795   | 43.513 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 95091    | 45.001 | ng    | 96       |
| 60) Diethylphthalate          | 10.339 | 149  | 390912   | 47.555 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 182355   | 44.249 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 80998    | 43.689 | ng    | 98       |
| 63) Azobenzene                | 10.616 | 77   | 318772   | 43.388 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 54708    | 42.014 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 331564   | 44.440 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 111772   | 45.620 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 121776   | 44.731 | ng    | 99       |
| 69) Atrazine                  | 11.104 | 200  | 100386   | 52.104 | ng    | 100      |
| 70) Pentachlorophenol         | 11.216 | 266  | 122085   | 89.995 | ng    | 97       |
| 71) Phenanthrene              | 11.433 | 178  | 521950   | 44.758 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 532964   | 44.562 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 467288   | 45.276 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 569228   | 52.942 | ng    | 100      |
| 75) Fluoranthene              | 12.622 | 202  | 487040   | 44.007 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 93022    | 20.914 | ng    | 99       |
| 78) Pyrene                    | 12.851 | 202  | 480162   | 43.271 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 169389   | 52.624 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 358163   | 44.847 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 48744    | 18.817 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 308988   | 43.359 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.022 | 149  | 219576   | 47.413 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 334386   | 38.291 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.068 | 276  | 401513   | 41.078 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 346874   | 46.715 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 322166   | 46.375 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 329537   | 45.938 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 326904   | 41.163 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.521 | 276  | 324099   | 40.925 | ng    | 99       |

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

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QLast Update : Tue Jun 24 05:28:21 2025  
Response via : Initial Calibration

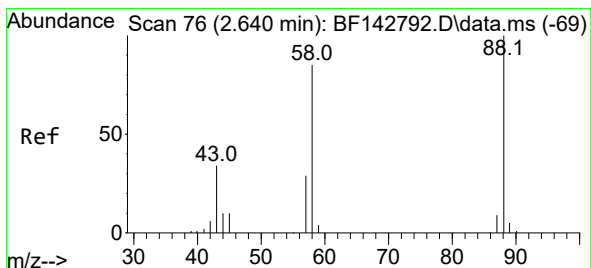
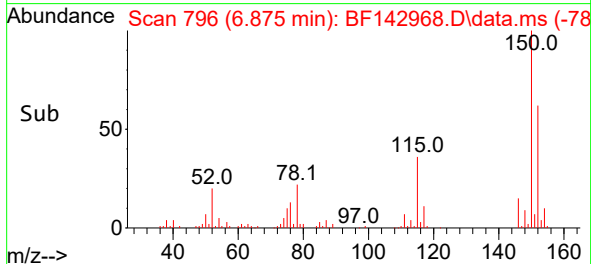
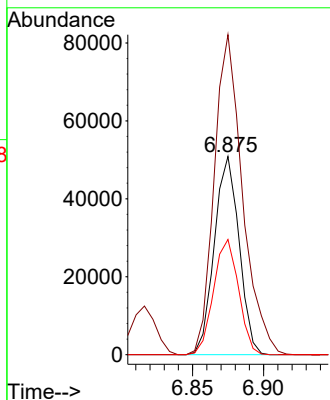
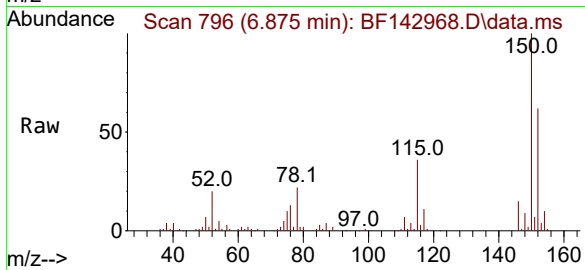




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 79  
 Delta R.T. -0.006 min  
 Lab File: BF142968.D  
 Acq: 02 Jul 2025 13:47

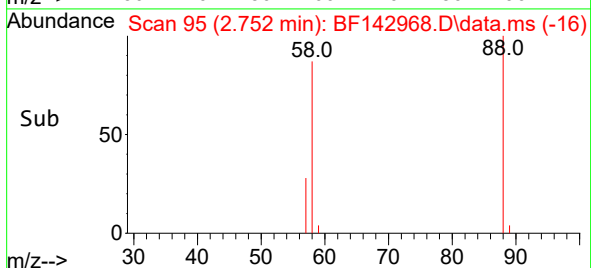
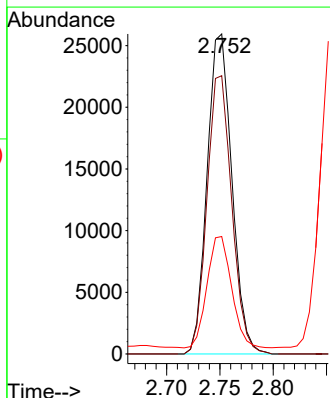
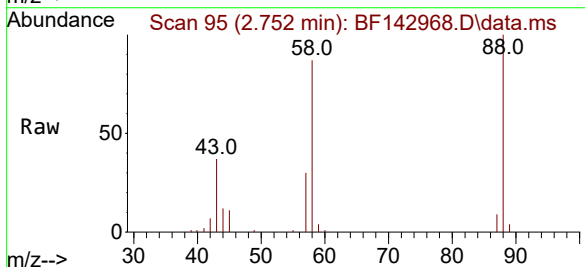
Instrument :  
 BNA\_F  
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 TP-5MSD

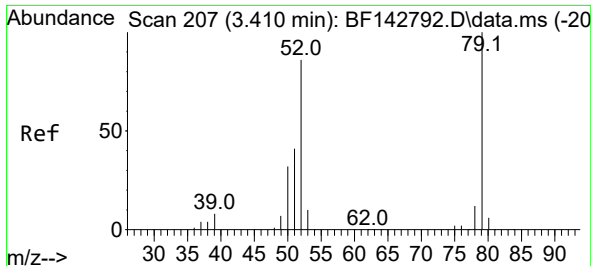
Tgt Ion:152 Resp: 61568  
 Ion Ratio Lower Upper  
 152 100  
 150 161.5 127.2 190.8  
 115 58.1 46.6 69.8



#2  
 1,4-Dioxane  
 Concen: 28.418 ng  
 RT: 2.752 min Scan# 95  
 Delta R.T. 0.112 min  
 Lab File: BF142968.D  
 Acq: 02 Jul 2025 13:47

Tgt Ion: 88 Resp: 42033  
 Ion Ratio Lower Upper  
 88 100  
 58 87.1 69.1 103.7  
 43 0.0 27.4 41.2#

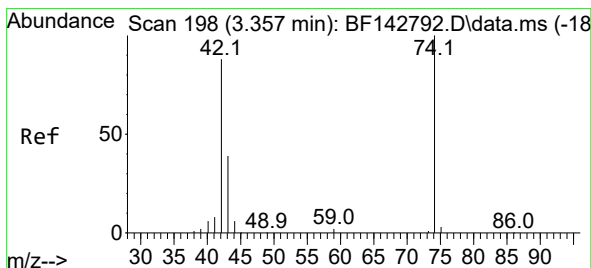
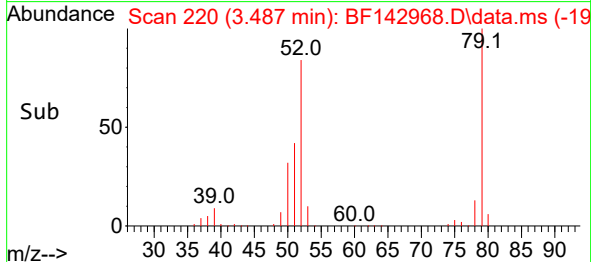
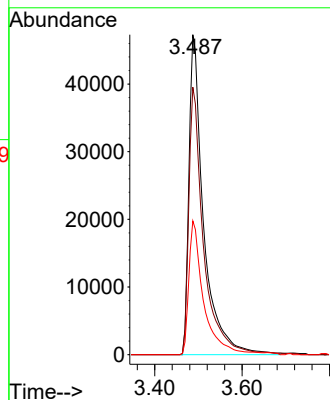
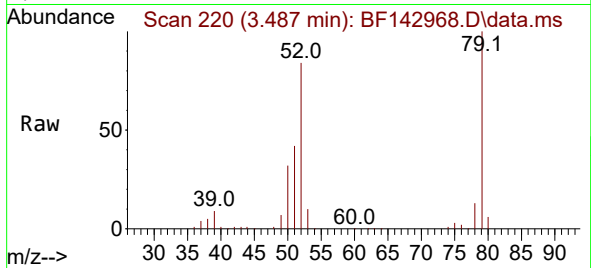




#3  
Pyridine  
Concen: 29.678 ng  
RT: 3.487 min Scan# 210  
Delta R.T. 0.077 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

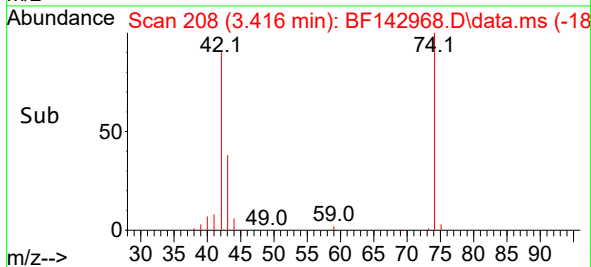
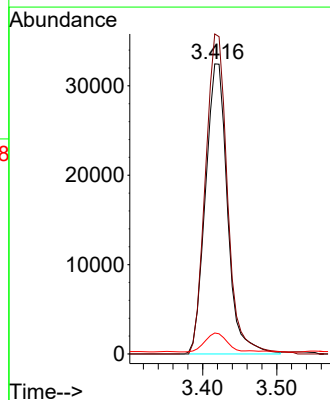
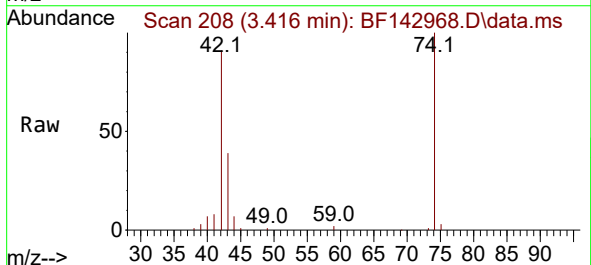
Instrument :  
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ClientSampleId :  
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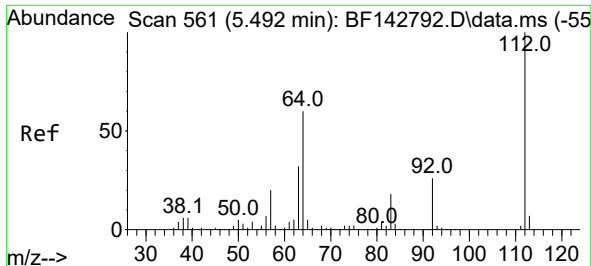
Tgt Ion: 79 Resp: 110048  
Ion Ratio Lower Upper  
79 100  
52 83.6 69.2 103.8  
51 41.8 33.2 49.8



#4  
n-Nitrosodimethylamine  
Concen: 34.903 ng  
RT: 3.416 min Scan# 208  
Delta R.T. 0.059 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion: 42 Resp: 66925  
Ion Ratio Lower Upper  
42 100  
74 110.3 90.9 136.3  
44 7.2 5.8 8.6

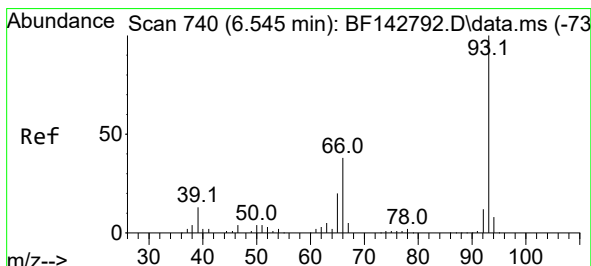
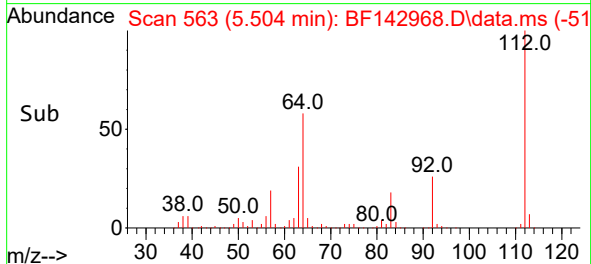
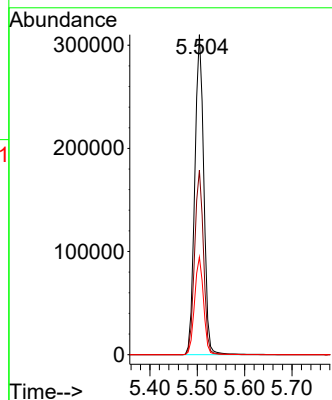
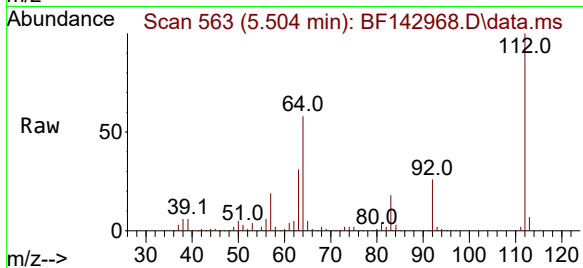




#5  
2-Fluorophenol  
Concen: 110.900 ng  
RT: 5.504 min Scan# 501  
Delta R.T. 0.012 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

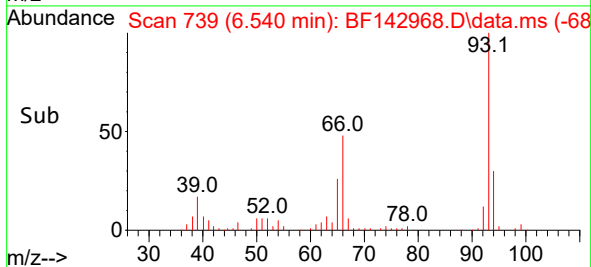
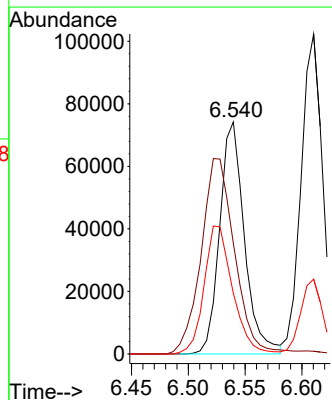
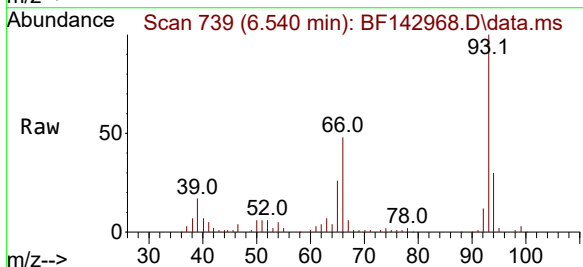
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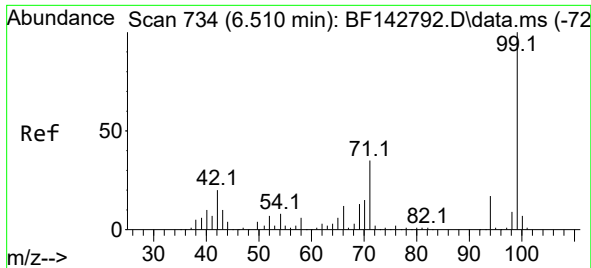
Tgt Ion:112 Resp: 410102  
Ion Ratio Lower Upper  
112 100  
64 57.6 48.2 72.2  
63 30.5 25.7 38.5



#6  
Aniline  
Concen: 19.361 ng  
RT: 6.540 min Scan# 739  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion: 93 Resp: 112393  
Ion Ratio Lower Upper  
93 100  
66 47.8 31.8 47.6#  
65 26.1 16.2 24.2#

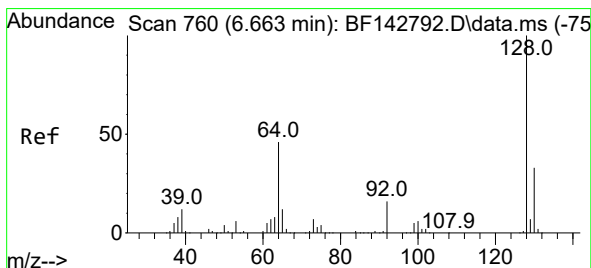
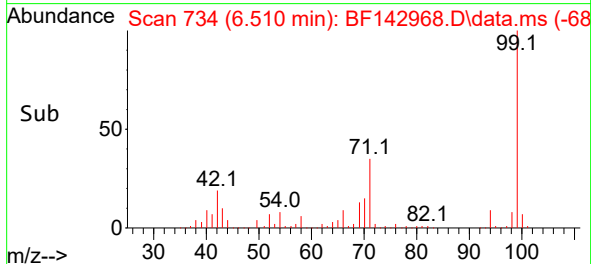
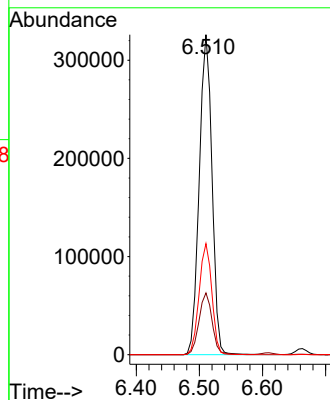
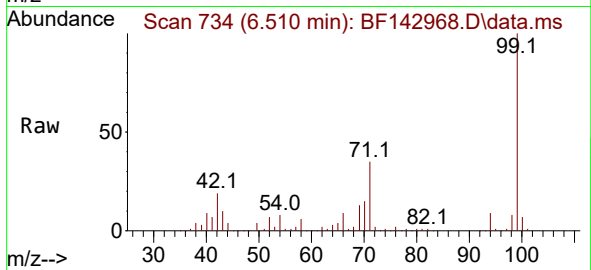




#7  
Phenol-d6  
Concen: 104.609 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

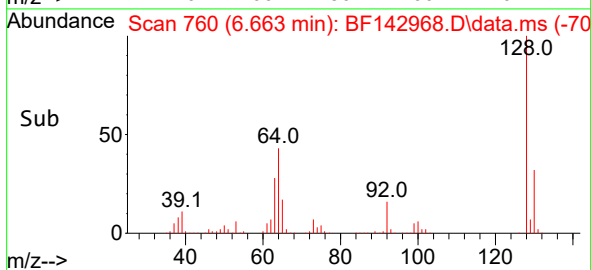
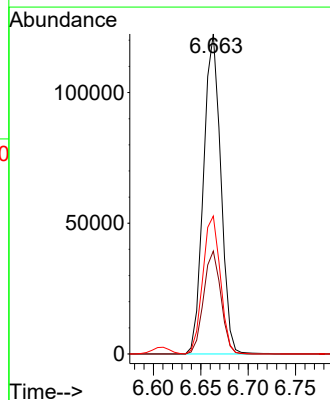
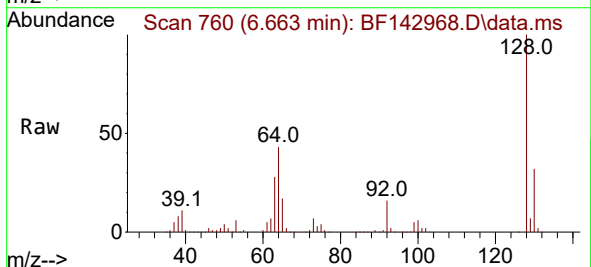
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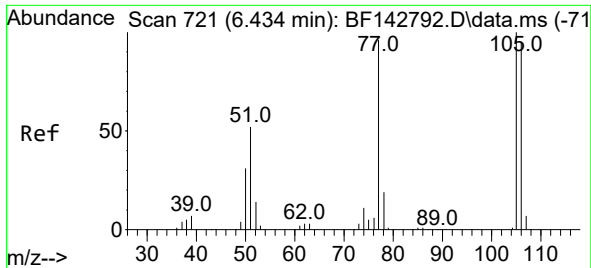
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Ion Ratio Lower Upper  
99 100  
42 19.3 15.9 23.9  
71 34.7 27.8 41.8



#8  
2-Chlorophenol  
Concen: 38.842 ng  
RT: 6.663 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion: 128 Resp: 154940  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.7 52.7  
64 43.1 26.5 66.5

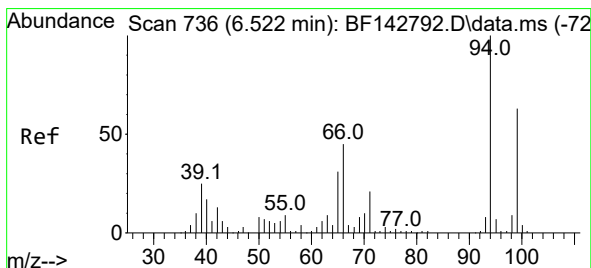
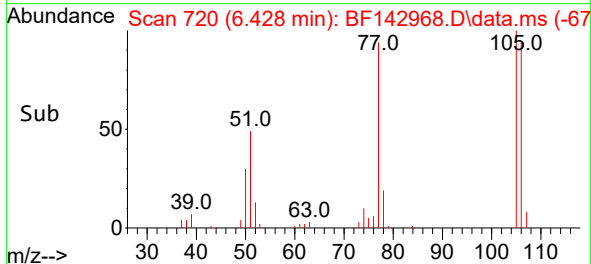
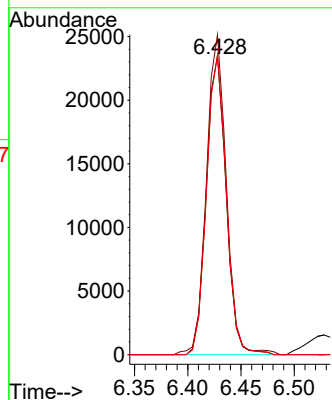
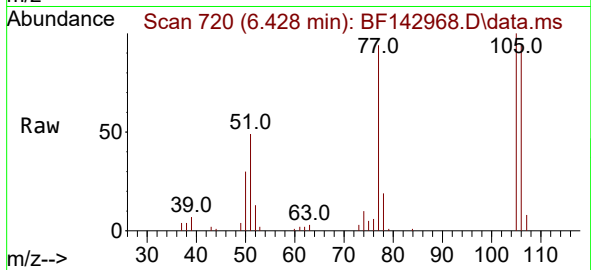




#9  
Benzaldehyde  
Concen: 11.735 ng  
RT: 6.428 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

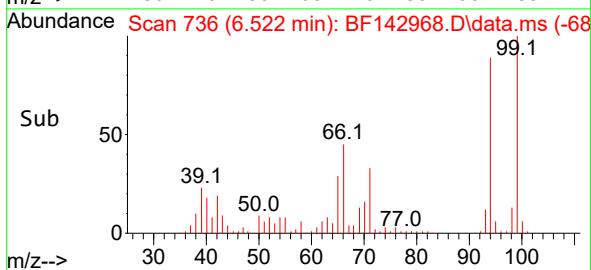
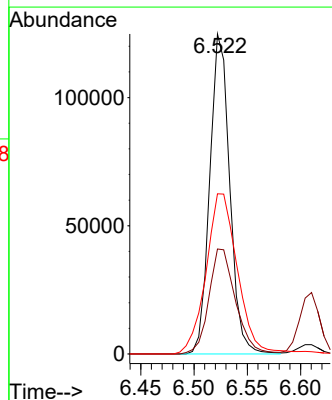
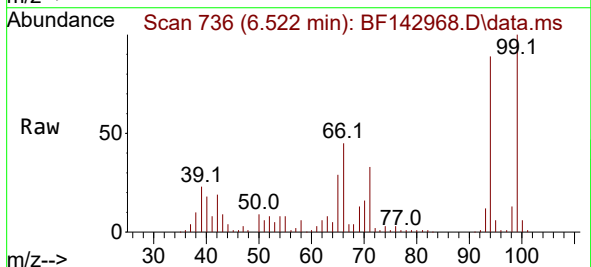
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

Tgt Ion: 77 Resp: 30374  
Ion Ratio Lower Upper  
77 100  
105 106.9 83.8 123.8  
106 100.1 78.7 118.7

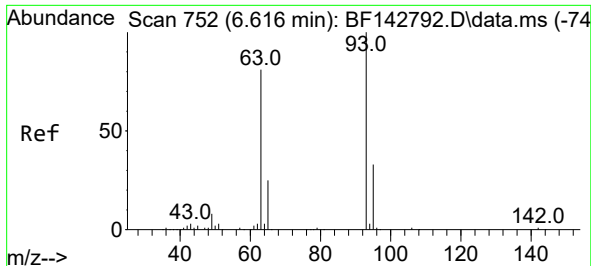


#10  
Phenol  
Concen: 33.508 ng  
RT: 6.522 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion: 94 Resp: 162500  
Ion Ratio Lower Upper  
94 100  
65 32.8 11.3 51.3  
66 50.1 24.9 64.9







#11

bis(2-Chloroethyl)ether

Concen: 38.398 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

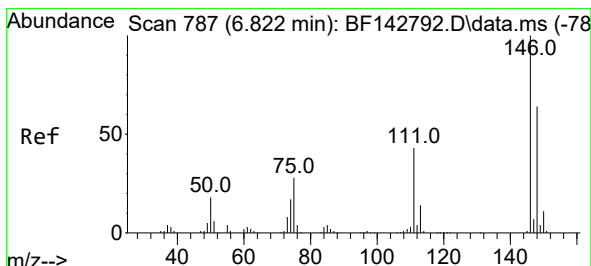
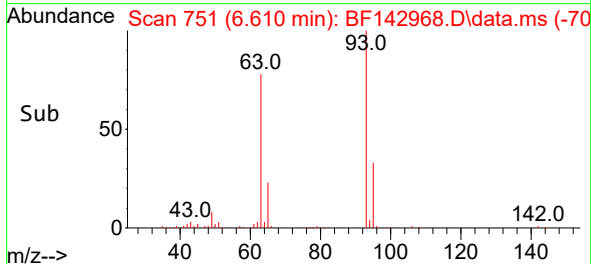
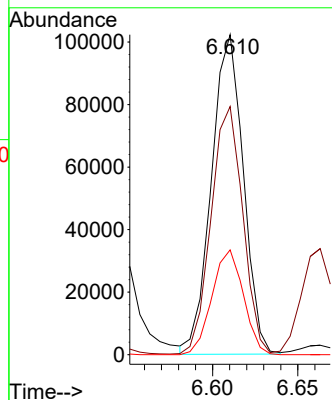
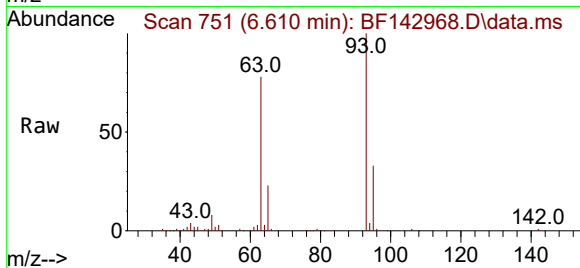
Tgt Ion: 93 Resp: 133092

Ion Ratio Lower Upper

93 100

63 77.6 60.3 100.3

95 32.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 32.239 ng

RT: 6.816 min Scan# 786

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

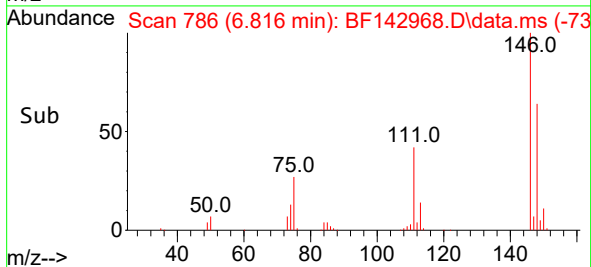
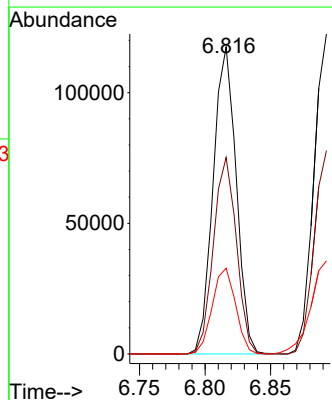
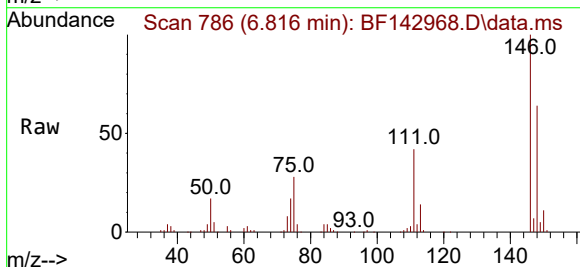
Tgt Ion:146 Resp: 143825

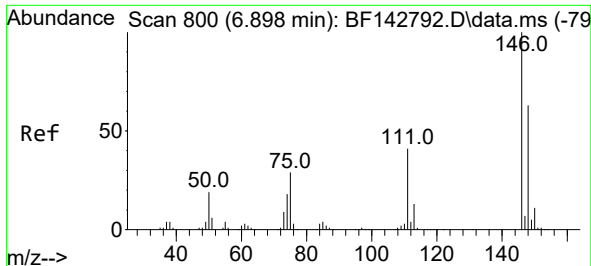
Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

75 28.0 22.7 34.1

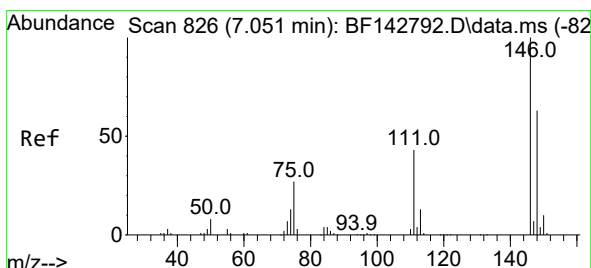
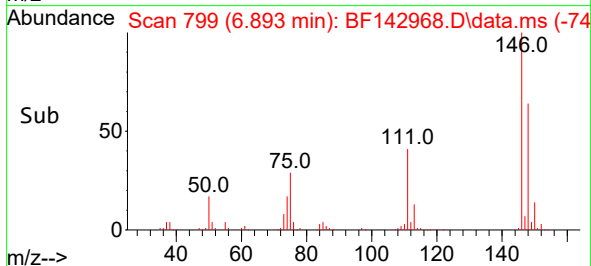
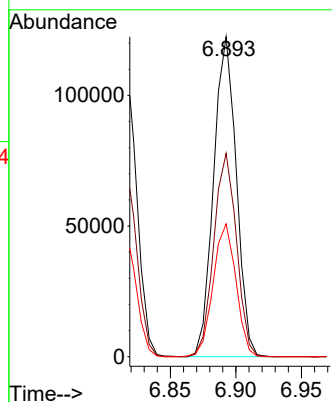
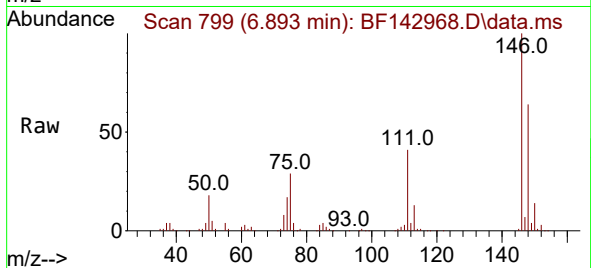




#13  
1,4-Dichlorobenzene  
Concen: 32.737 ng  
RT: 6.893 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

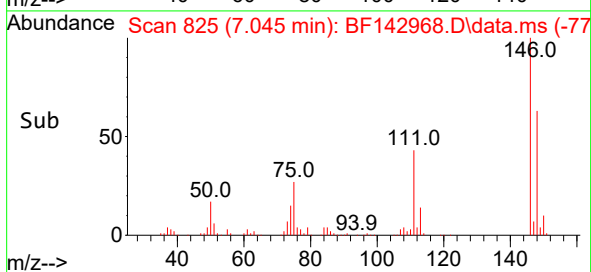
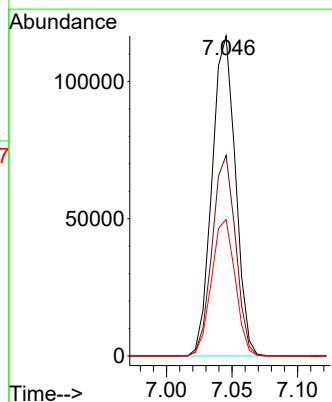
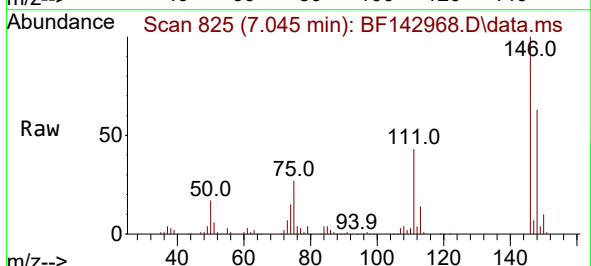
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

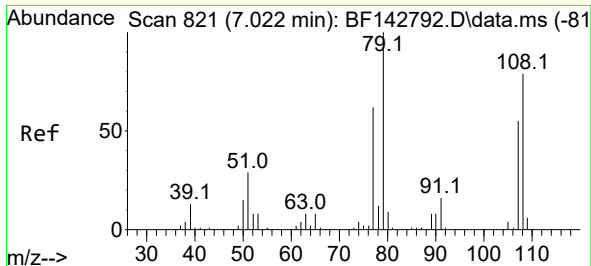
Tgt Ion:146 Resp: 147350  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.2 75.2  
111 41.5 33.2 49.8



#14  
1,2-Dichlorobenzene  
Concen: 33.930 ng  
RT: 7.045 min Scan# 825  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:146 Resp: 144854  
Ion Ratio Lower Upper  
146 100  
148 62.7 50.4 75.6  
111 42.6 34.1 51.1

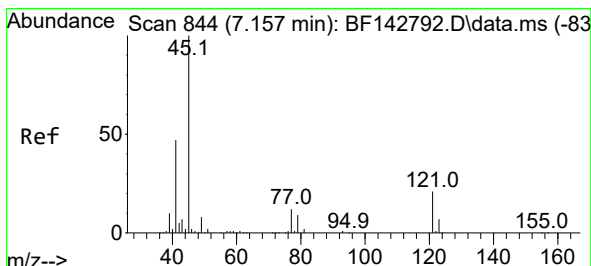
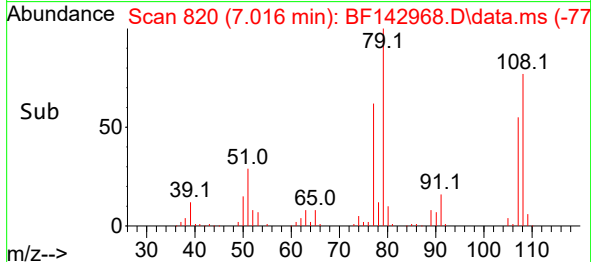
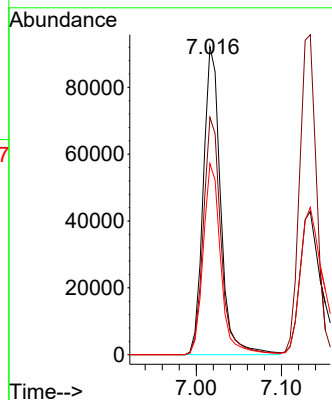
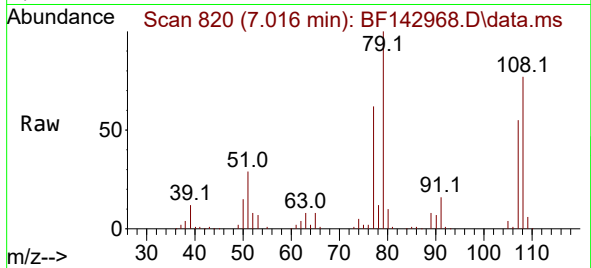




#15  
Benzyl Alcohol  
Concen: 41.359 ng  
RT: 7.016 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

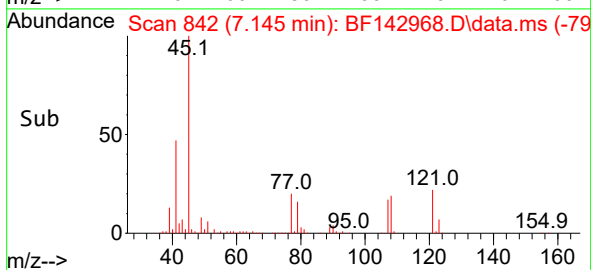
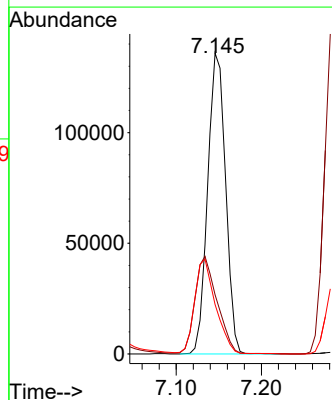
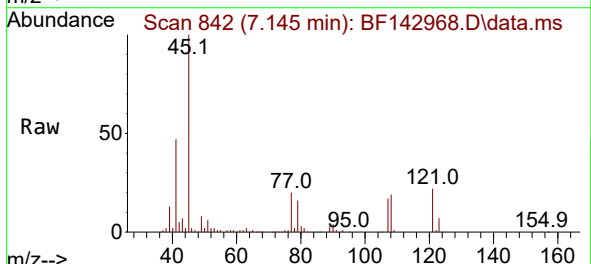
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

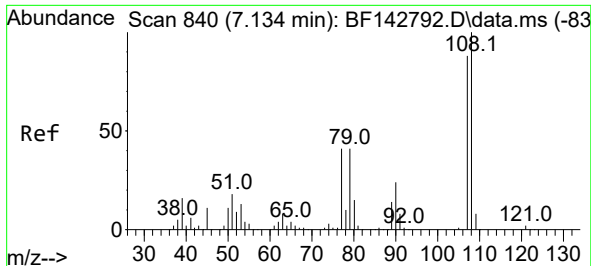
Tgt Ion: 79 Resp: 130448  
Ion Ratio Lower Upper  
79 100  
108 77.1 63.4 95.0  
77 62.0 49.5 74.3



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 35.714 ng  
RT: 7.145 min Scan# 842  
Delta R.T. -0.012 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion: 45 Resp: 198884  
Ion Ratio Lower Upper  
45 100  
77 19.7 0.0 32.8  
79 16.4 0.0 29.8

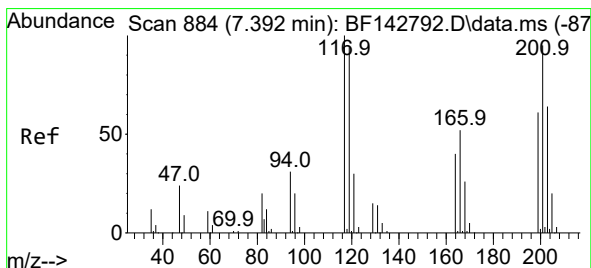
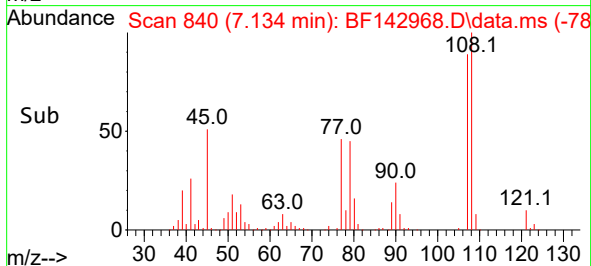
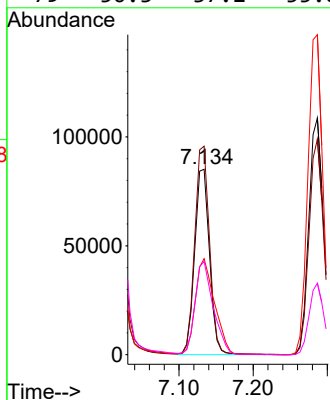
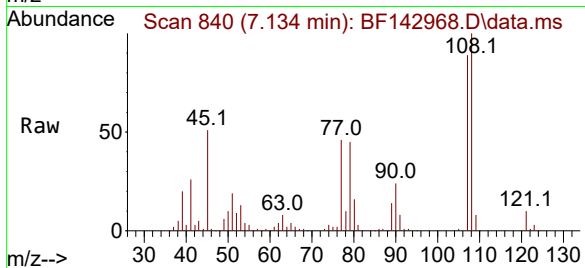




#17  
2-Methylphenol  
Concen: 39.264 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

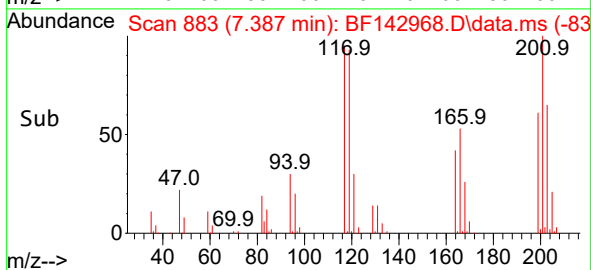
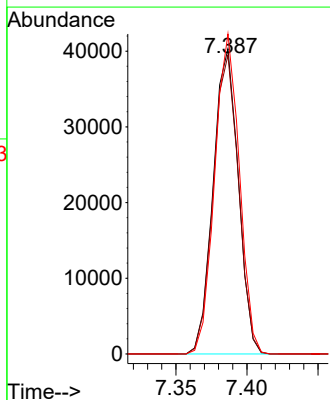
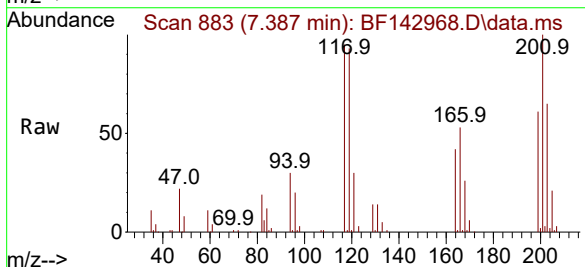
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

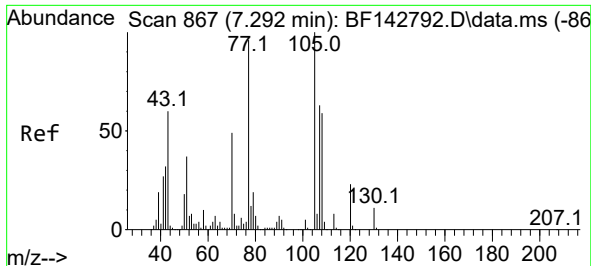
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 118692 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.5 | 90.9  | 136.3  |
| 77       | 51.8  | 37.3  | 55.9   |
| 79       | 50.3  | 37.2  | 55.8   |



#18  
Hexachloroethane  
Concen: 31.499 ng  
RT: 7.387 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 49591 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.9  | 75.4  | 113.0 |
| 201      | 104.8 | 75.9  | 113.9 |





#19

n-Nitroso-di-n-propylamine

Concen: 41.025 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

Tgt Ion: 70 Resp: 104098

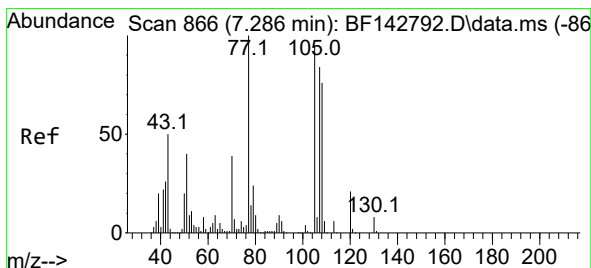
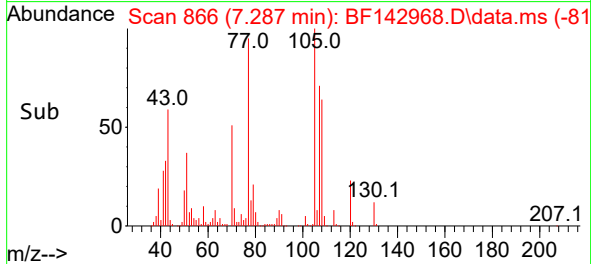
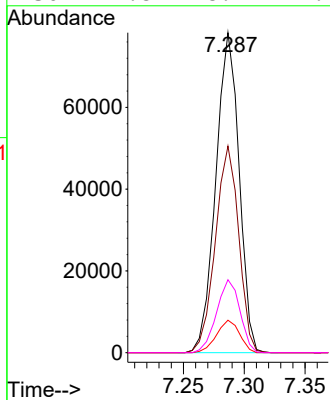
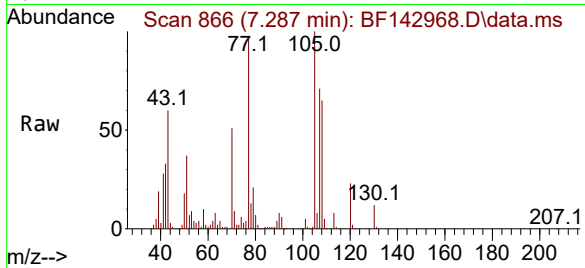
Ion Ratio Lower Upper

70 100

42 64.6 52.1 78.1

101 10.2 8.2 12.2

130 22.8 18.2 27.2



#20

3+4-Methylphenols

Concen: 40.613 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Tgt Ion:107 Resp: 153074

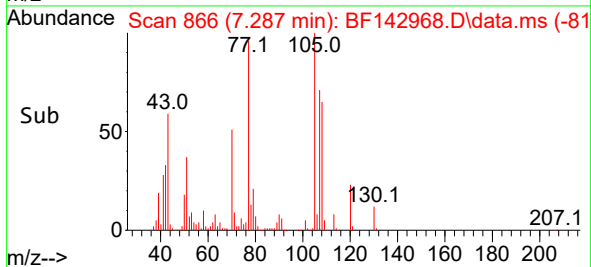
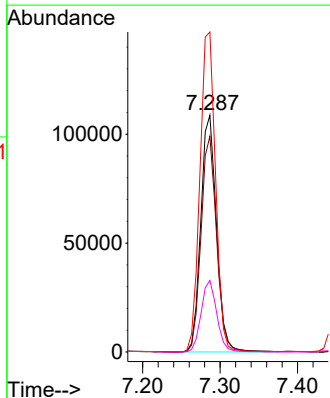
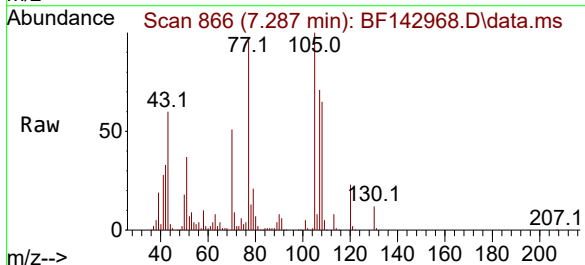
Ion Ratio Lower Upper

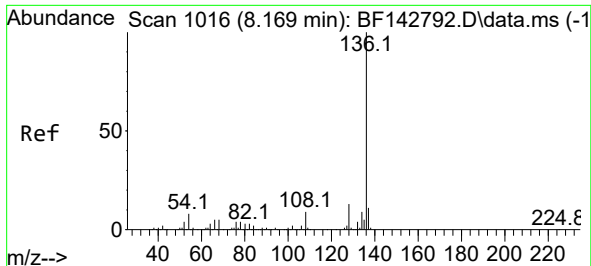
107 100

108 91.1 70.0 110.0

77 135.1 98.5 138.5

79 30.2 8.8 48.8

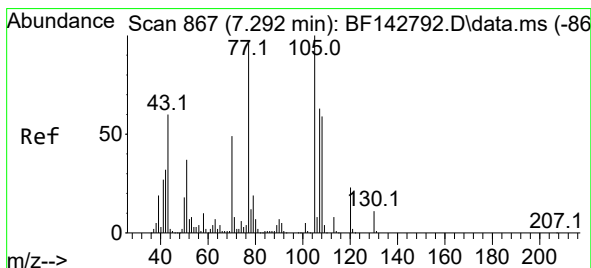
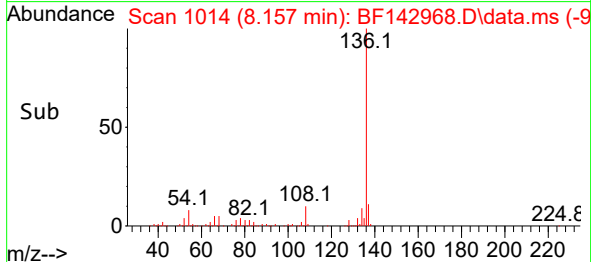
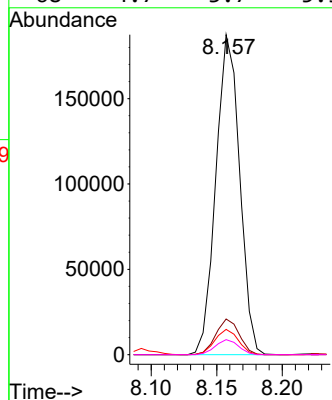
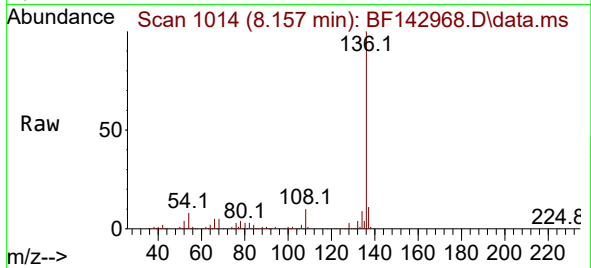




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

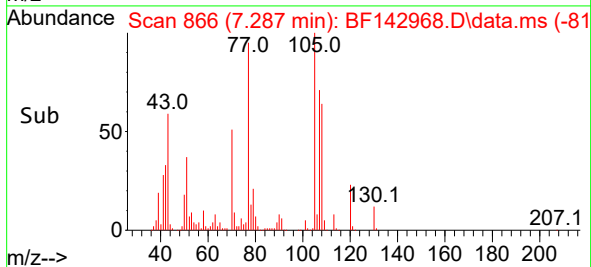
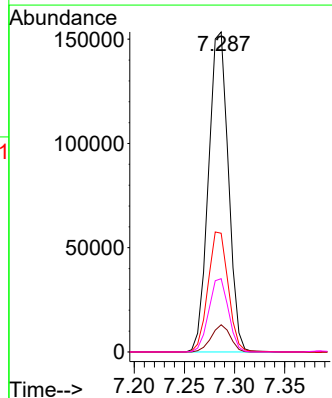
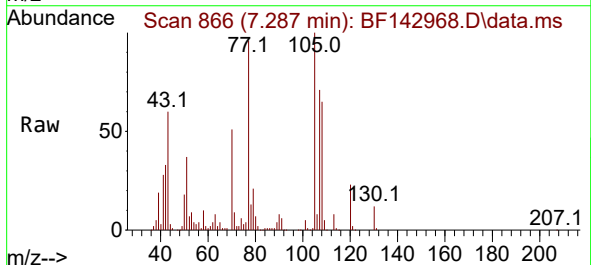
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

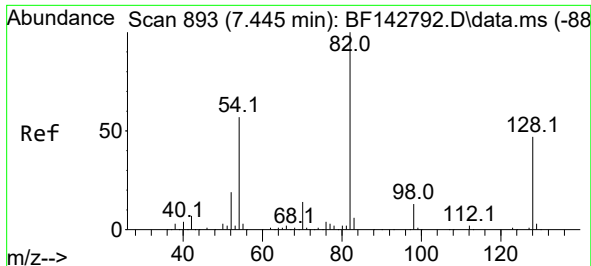
Tgt Ion:136 Resp: 236104  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.4 12.6  
54 7.9 6.3 9.5  
68 4.7 3.7 5.5



#22  
Acetophenone  
Concen: 40.688 ng  
RT: 7.287 min Scan# 866  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:105 Resp: 211845  
Ion Ratio Lower Upper  
105 100  
71 8.5 6.5 9.7  
51 37.1 29.8 44.8  
120 22.9 18.2 27.2

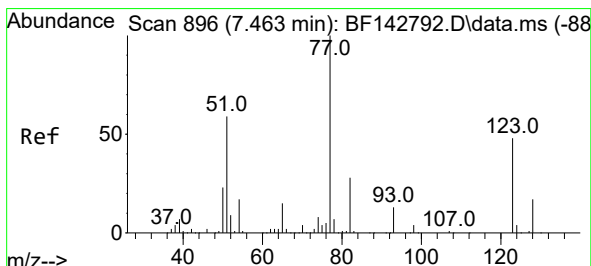
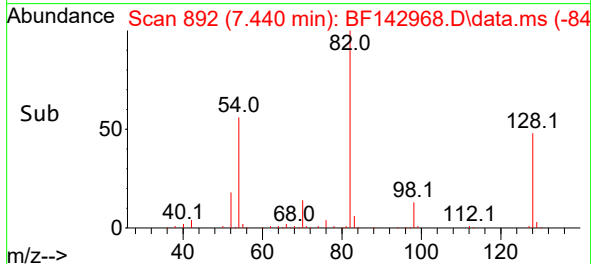
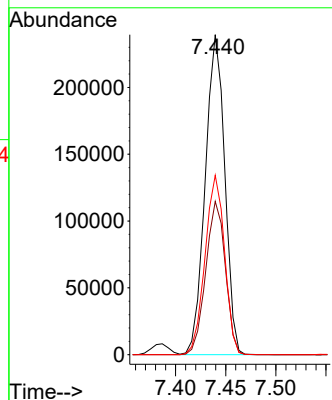
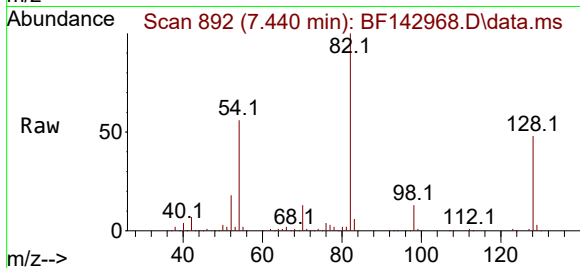




#23  
Nitrobenzene-d5  
Concen: 75.666 ng  
RT: 7.440 min Scan# 893  
Delta R.T. -0.005 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

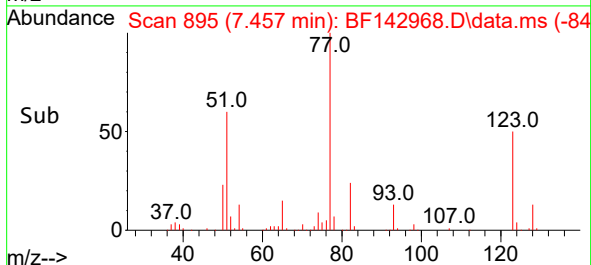
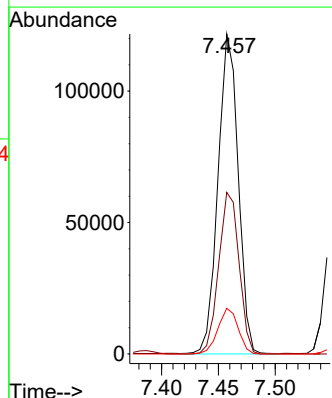
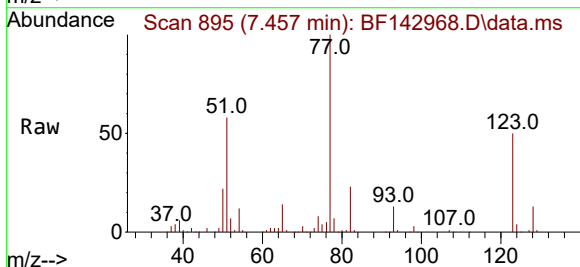
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

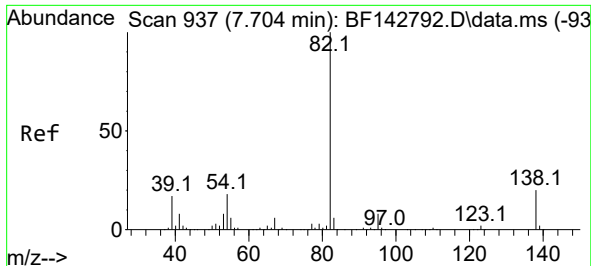
Tgt Ion: 82 Resp: 325703  
Ion Ratio Lower Upper  
82 100  
128 47.9 37.7 56.5  
54 56.1 45.7 68.5



#24  
Nitrobenzene  
Concen: 38.781 ng  
RT: 7.457 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion: 77 Resp: 151088  
Ion Ratio Lower Upper  
77 100  
123 50.5 39.2 58.8  
65 14.2 11.6 17.4

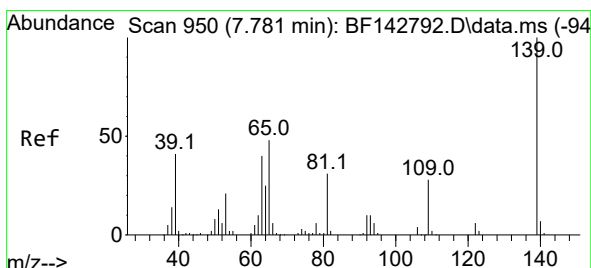
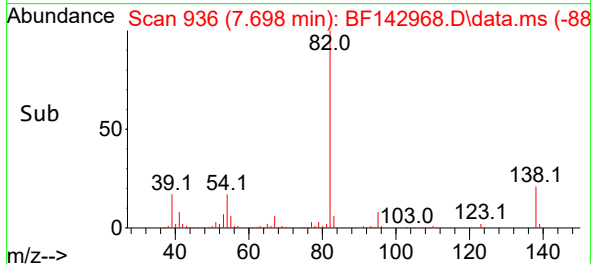
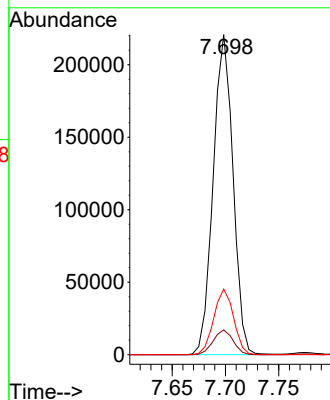
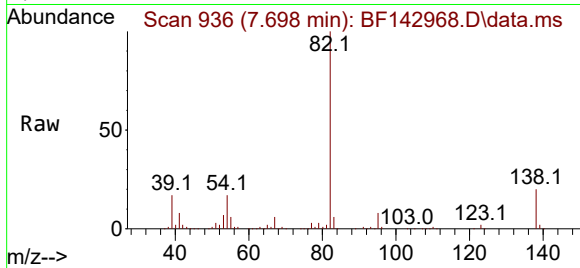




#25  
Isophorone  
Concen: 41.302 ng  
RT: 7.698 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

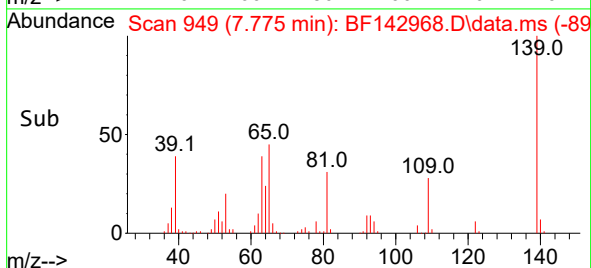
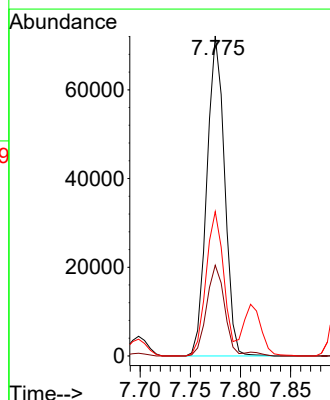
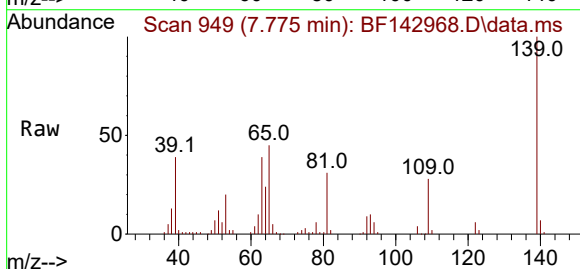
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

Tgt Ion: 82 Resp: 285192  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.2 9.2  
138 20.5 16.2 24.4

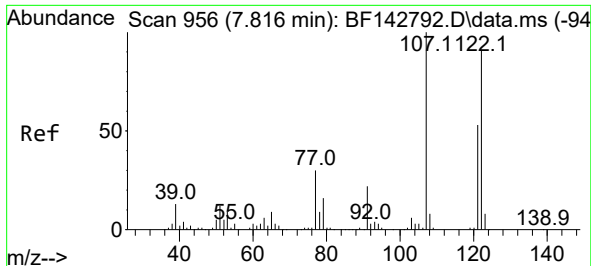


#26  
2-Nitrophenol  
Concen: 41.917 ng  
RT: 7.775 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion: 139 Resp: 88960  
Ion Ratio Lower Upper  
139 100  
109 28.4 22.7 34.1  
65 45.1 38.6 58.0







#27

2,4-Dimethylphenol

Concen: 41.261 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

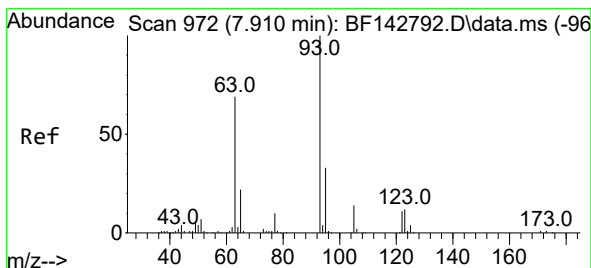
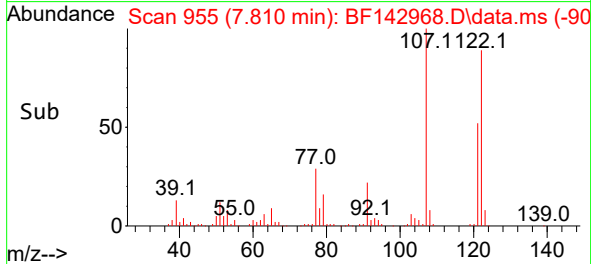
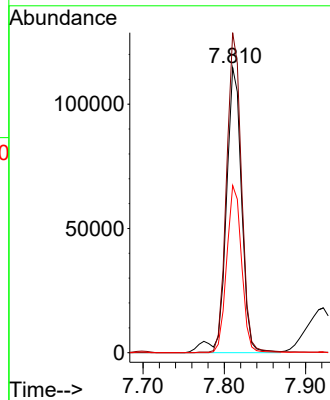
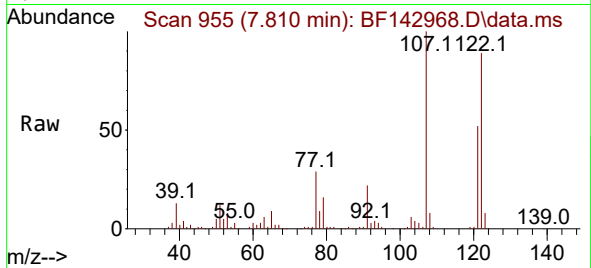
Tgt Ion:122 Resp: 151684

Ion Ratio Lower Upper

122 100

107 112.3 88.0 132.0

121 58.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.161 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

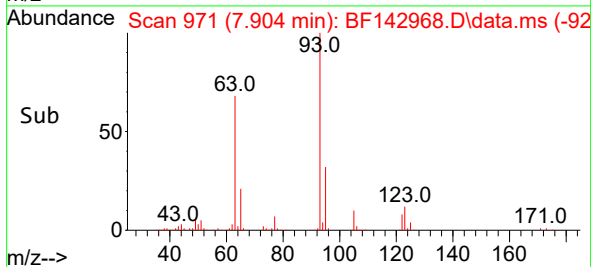
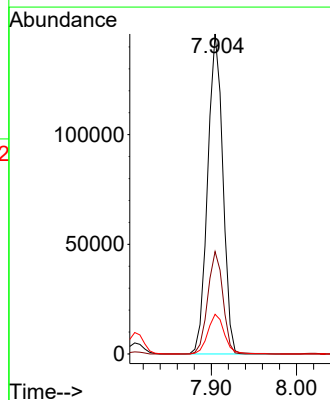
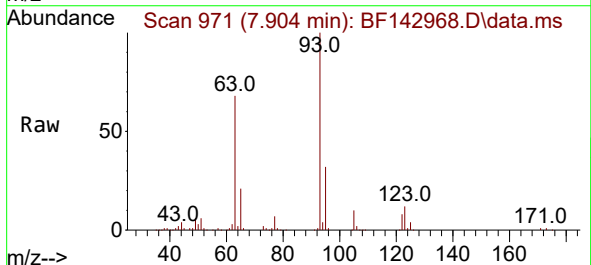
Tgt Ion: 93 Resp: 180692

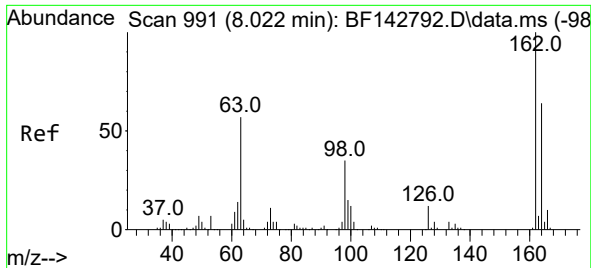
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.986 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

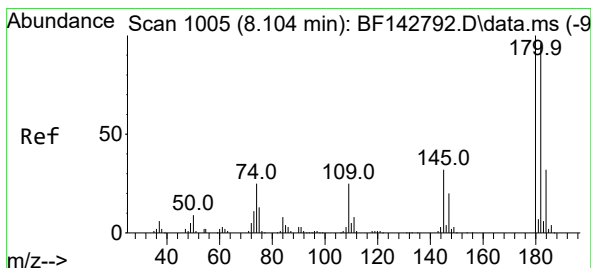
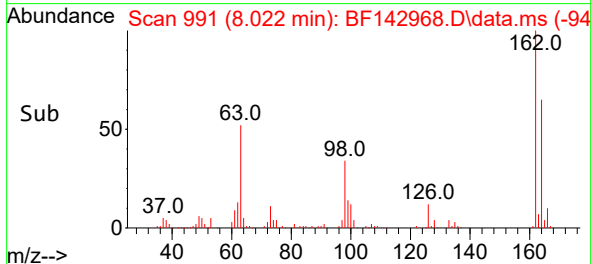
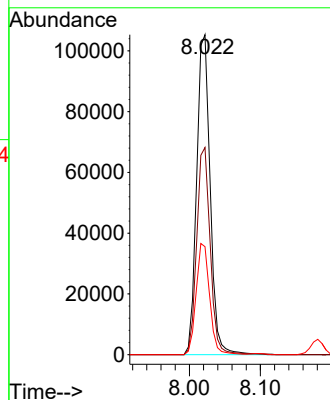
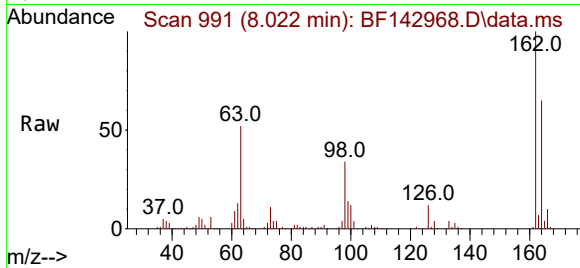
Tgt Ion:162 Resp: 139950

Ion Ratio Lower Upper

162 100

164 64.7 44.0 84.0

98 33.8 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 37.460 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

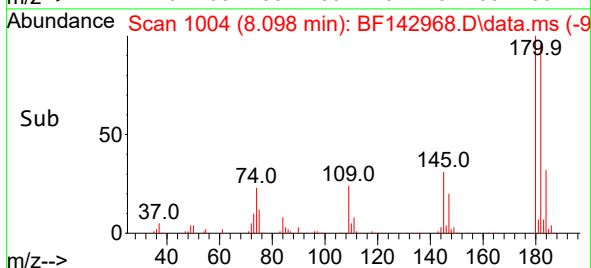
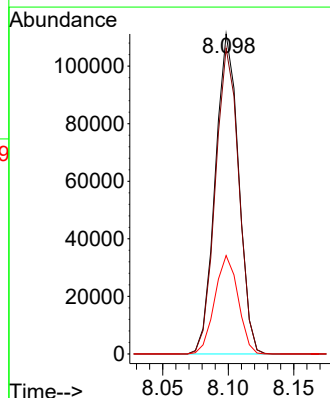
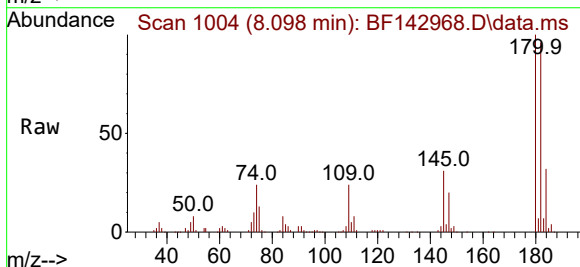
Tgt Ion:180 Resp: 137303

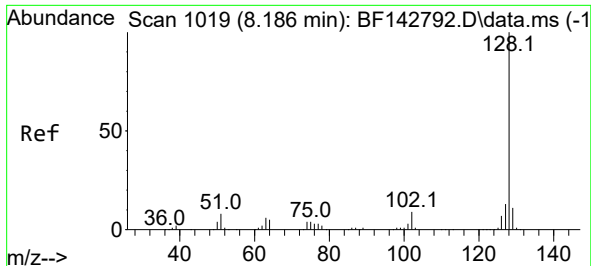
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

145 30.7 25.8 38.8

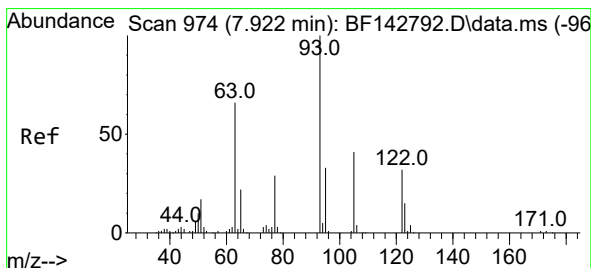
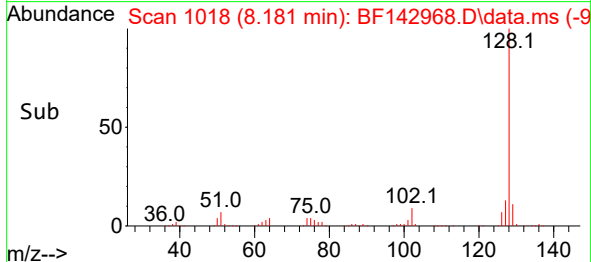
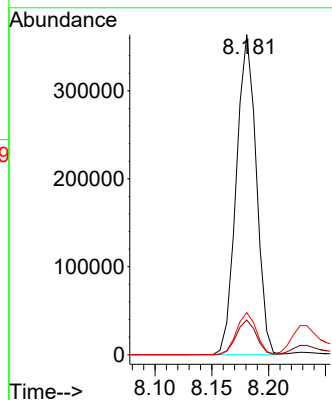
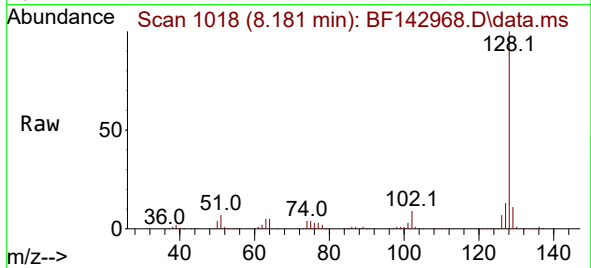




#31  
Naphthalene  
Concen: 38.391 ng  
RT: 8.181 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

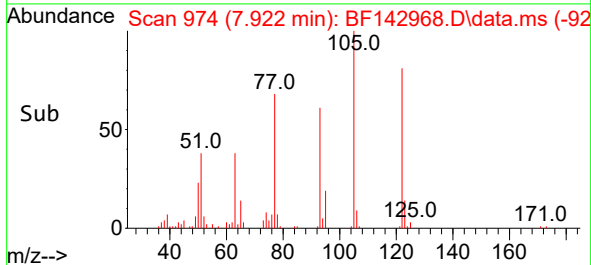
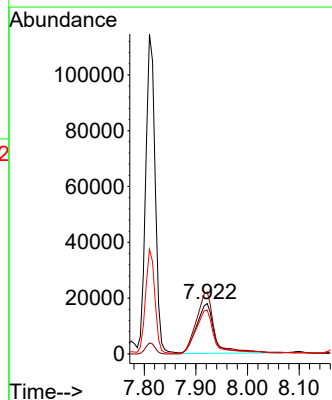
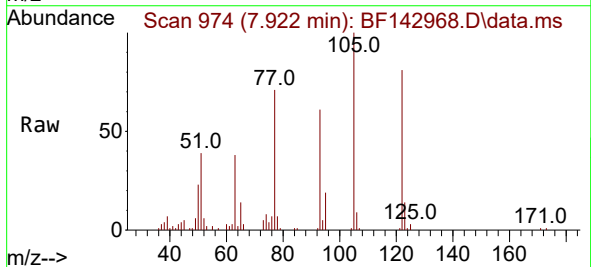
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

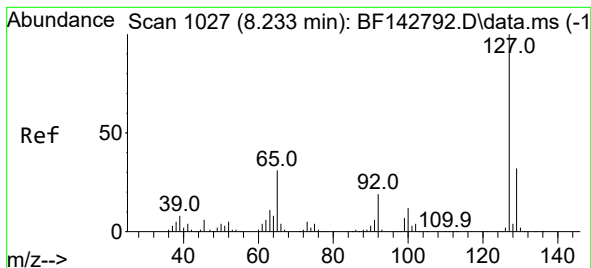
Tgt Ion:128 Resp: 443677  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.2 10.4 15.6



#32  
Benzoic acid  
Concen: 23.074 ng  
RT: 7.922 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:122 Resp: 43234  
Ion Ratio Lower Upper  
122 100  
105 123.4 104.7 144.7  
77 87.1 70.2 110.2





#33

4-Chloroaniline

Concen: 14.804 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

Tgt Ion:127 Resp: 69569

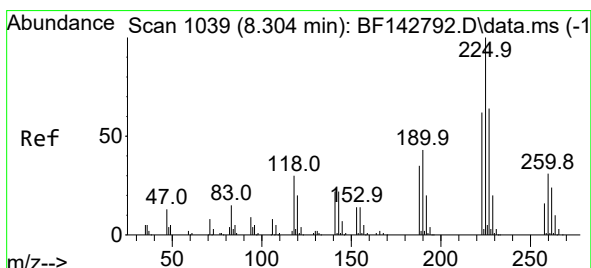
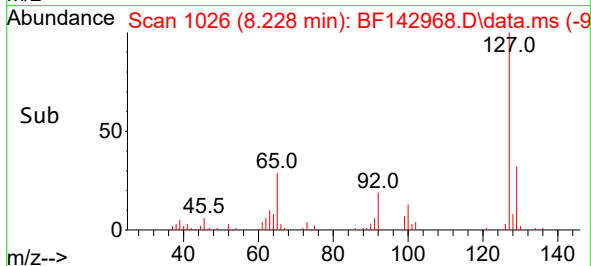
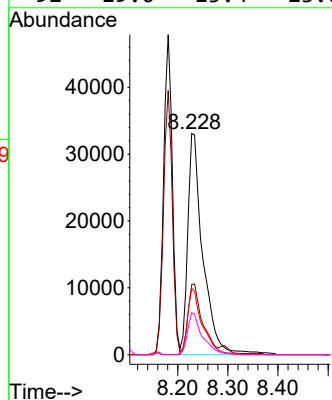
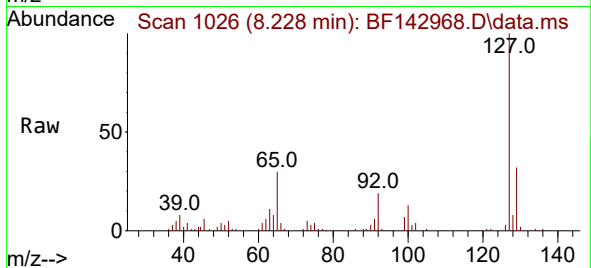
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 29.9 24.6 36.8

92 19.0 15.4 23.0



#34

Hexachlorobutadiene

Concen: 36.782 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.012 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

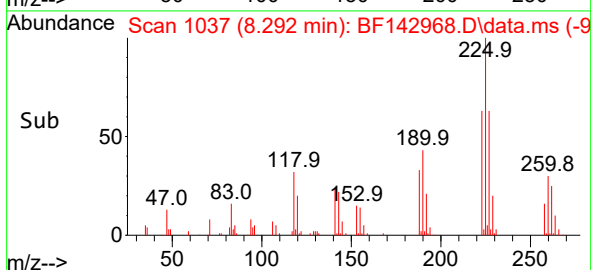
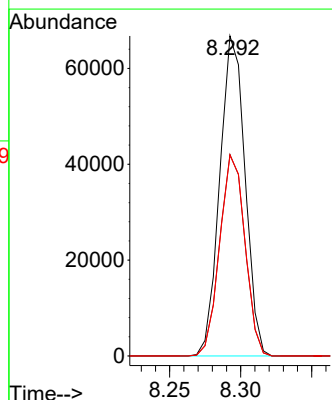
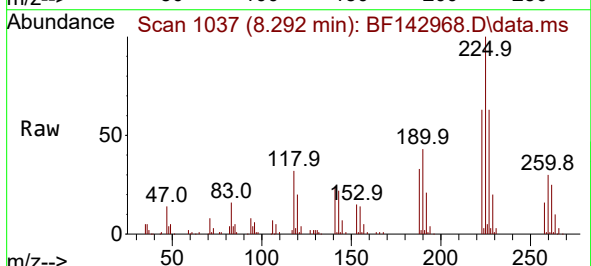
Tgt Ion:225 Resp: 82466

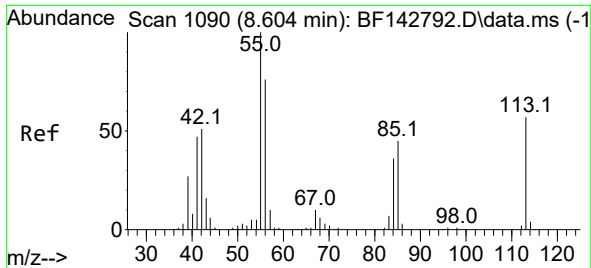
Ion Ratio Lower Upper

225 100

223 62.9 49.9 74.9

227 62.7 51.4 77.0

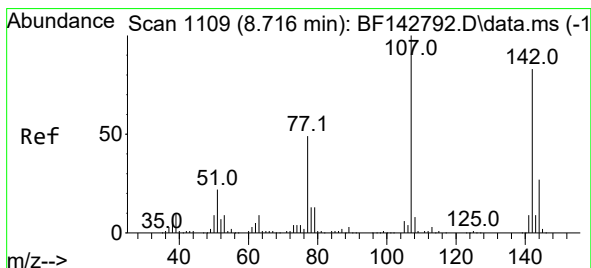
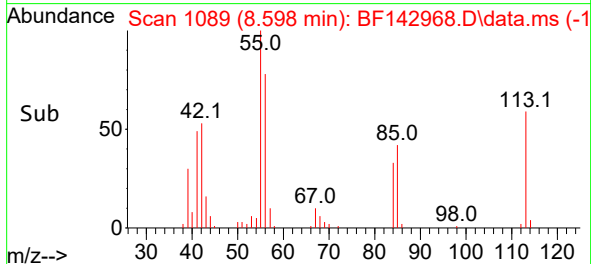
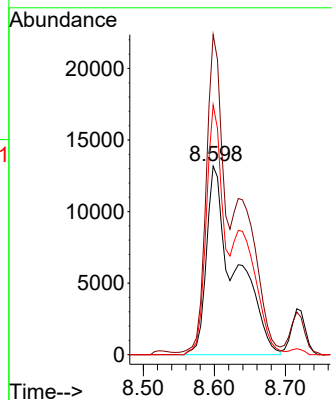
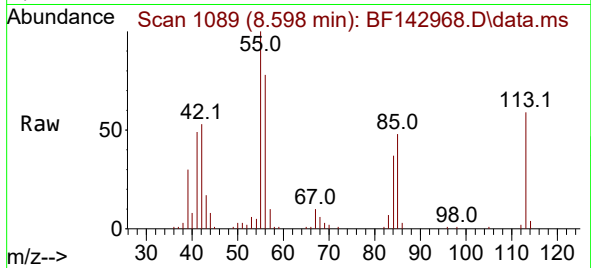




#35  
 Caprolactam  
 Concen: 42.233 ng m  
 RT: 8.598 min Scan# 1089  
 Delta R.T. -0.006 min  
 Lab File: BF142968.D  
 Acq: 02 Jul 2025 13:47

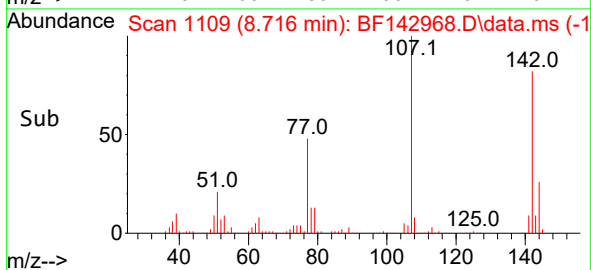
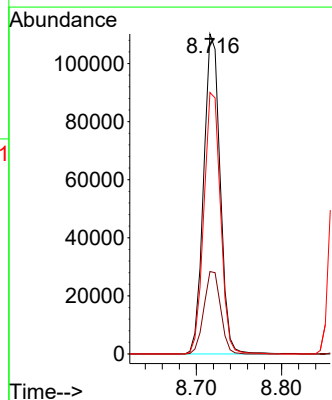
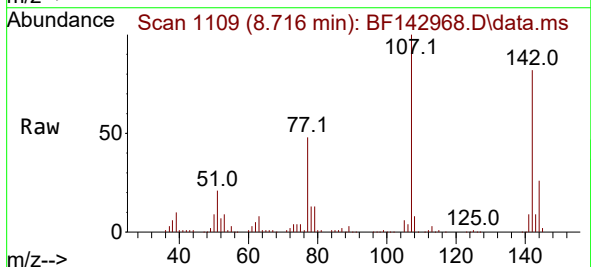
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5MSD

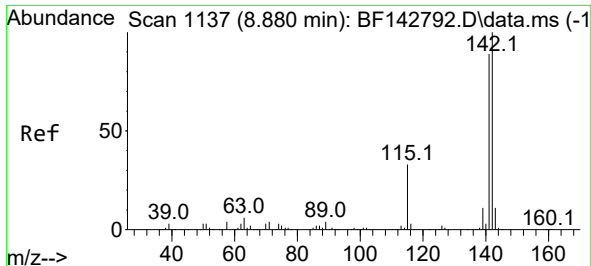
Tgt Ion:113 Resp: 37147  
 Ion Ratio Lower Upper  
 113 100  
 55 169.6 154.4 194.4  
 56 132.3 112.1 152.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.677 ng  
 RT: 8.716 min Scan# 1109  
 Delta R.T. 0.000 min  
 Lab File: BF142968.D  
 Acq: 02 Jul 2025 13:47

Tgt Ion:107 Resp: 148002  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 21.3 31.9  
 142 81.7 66.6 100.0

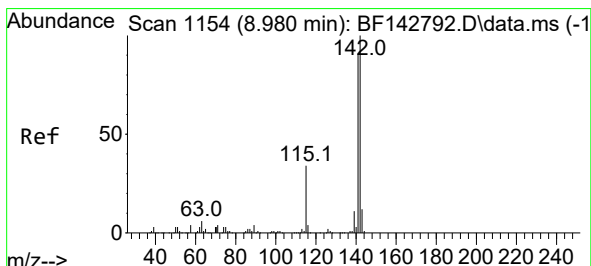
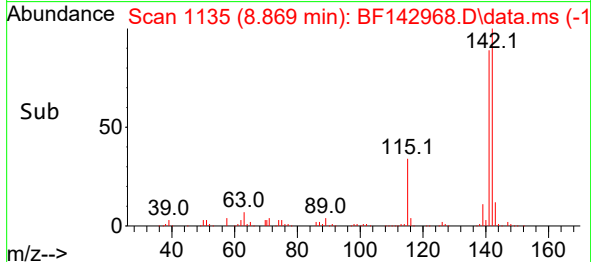
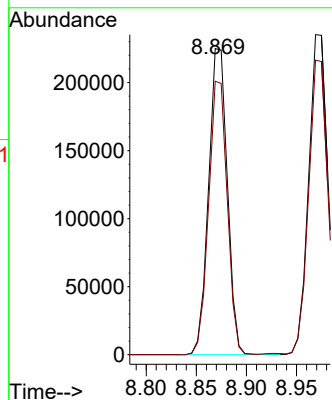
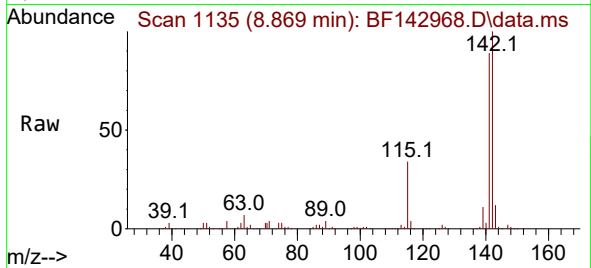




#37  
2-Methylnaphthalene  
Concen: 40.920 ng  
RT: 8.869 min Scan# 1135  
Delta R.T. -0.012 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

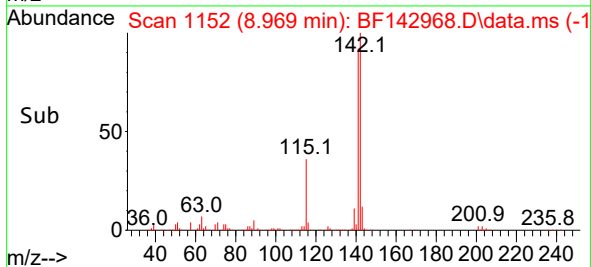
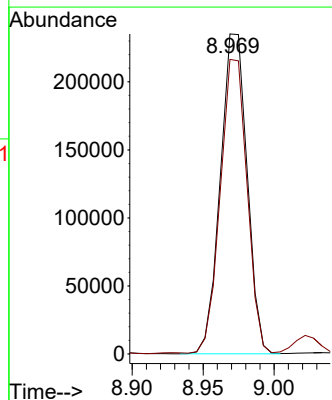
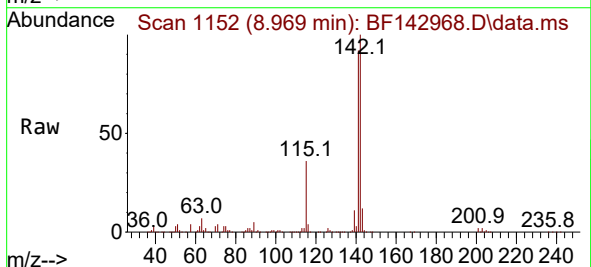
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

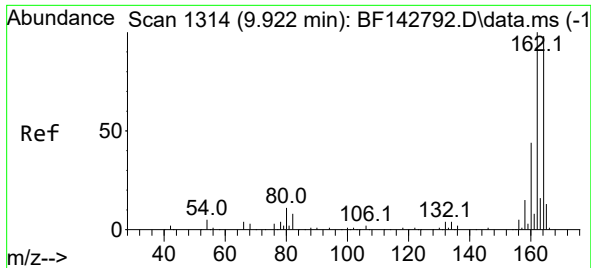
Tgt Ion:142 Resp: 293188  
Ion Ratio Lower Upper  
142 100  
141 89.3 70.9 106.3



#38  
1-Methylnaphthalene  
Concen: 41.529 ng  
RT: 8.969 min Scan# 1152  
Delta R.T. -0.012 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:142 Resp: 308020  
Ion Ratio Lower Upper  
142 100  
141 92.1 73.0 109.4

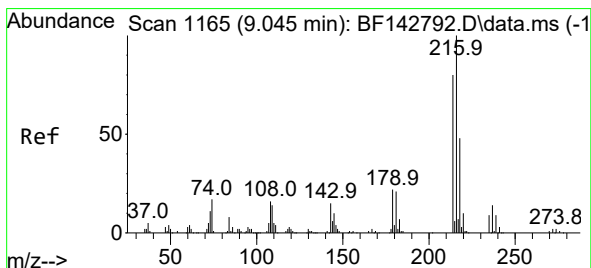
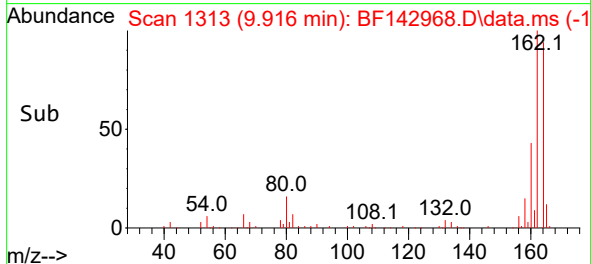
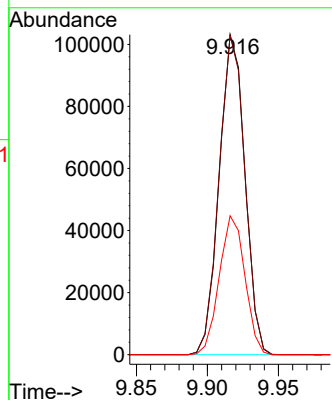
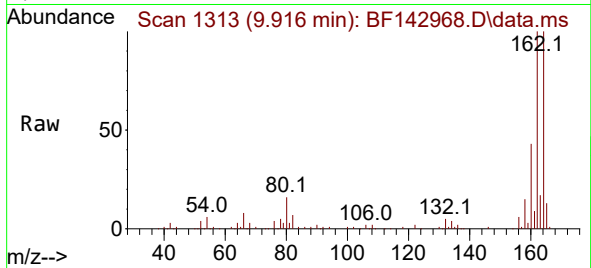




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

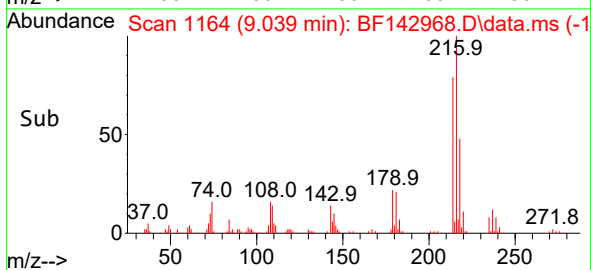
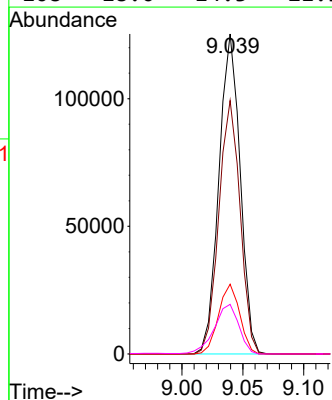
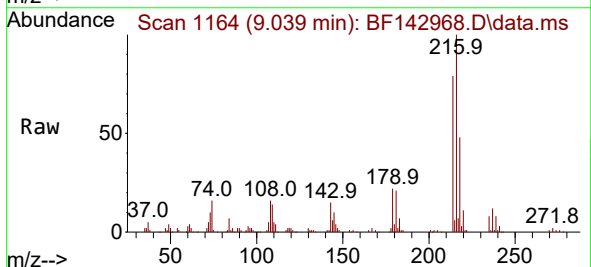
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

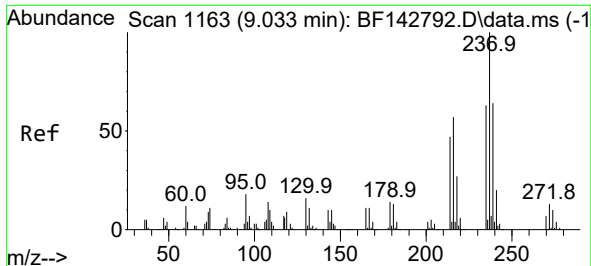
Tgt Ion:164 Resp: 129520  
Ion Ratio Lower Upper  
164 100  
162 99.8 81.8 122.8  
160 43.4 36.0 54.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.807 ng  
RT: 9.039 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

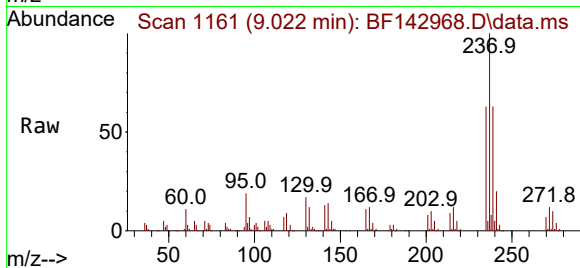
Tgt Ion:216 Resp: 152132  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.7 95.5  
179 21.8 17.6 26.4  
108 18.0 14.3 21.5



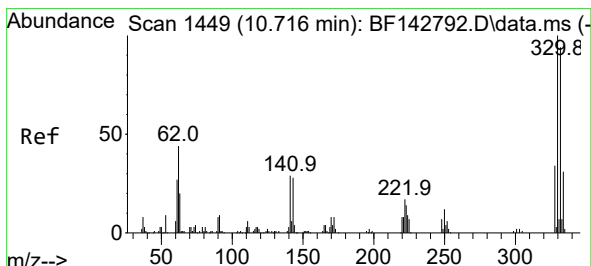
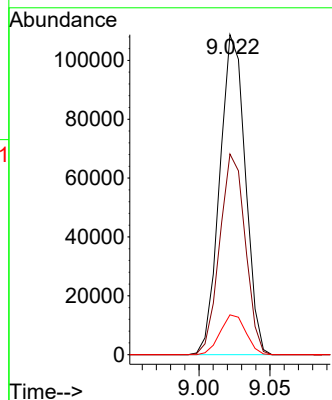
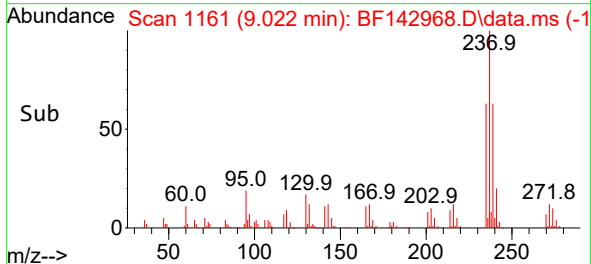


#41  
Hexachlorocyclopentadiene  
Concen: 62.750 ng  
RT: 9.022 min Scan# 1161  
Delta R.T. -0.012 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

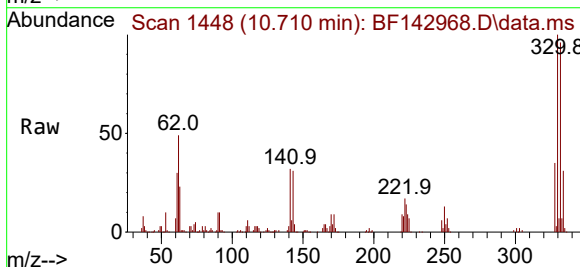
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD



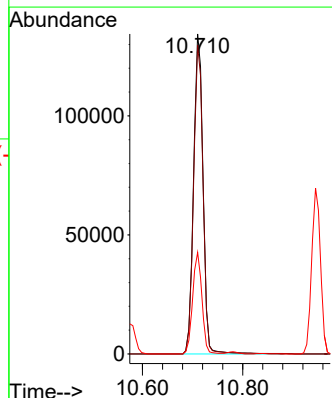
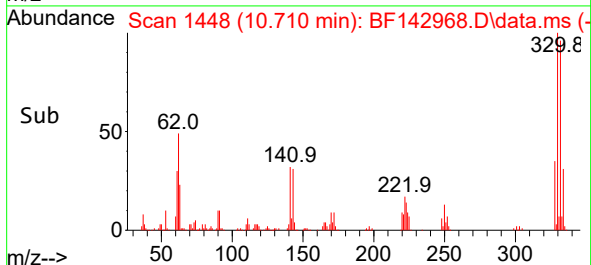
Tgt Ion:237 Resp: 136089  
Ion Ratio Lower Upper  
237 100  
235 62.7 43.4 83.4  
272 12.4 0.0 32.7



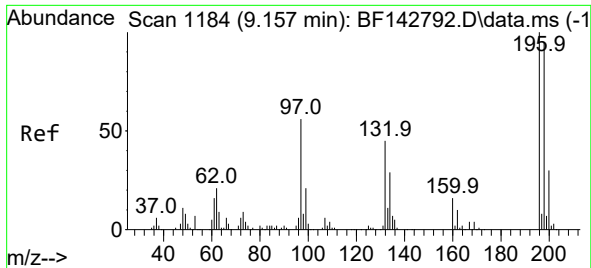
#42  
2,4,6-Tribromophenol  
Concen: 132.027 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47



Tgt Ion:330 Resp: 175972  
Ion Ratio Lower Upper  
330 100  
332 96.6 75.0 112.6  
141 31.1 25.3 37.9



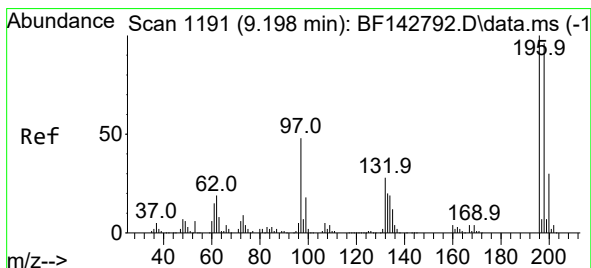
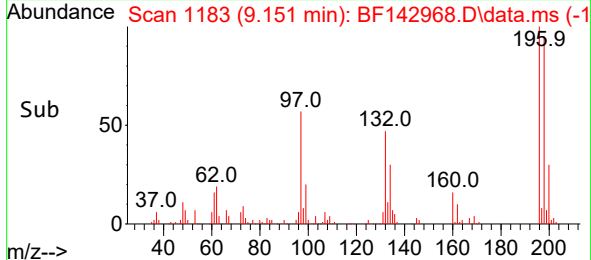
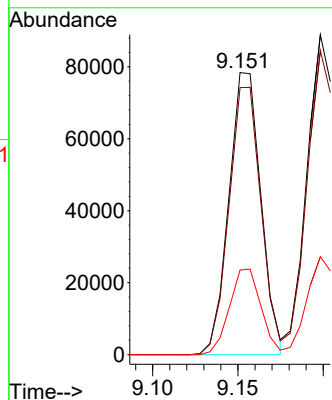
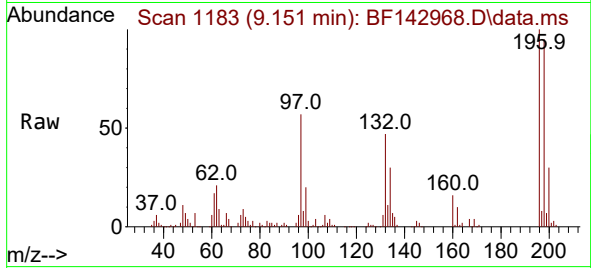




#43  
2,4,6-Trichlorophenol  
Concen: 41.271 ng  
RT: 9.151 min Scan# 1183  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

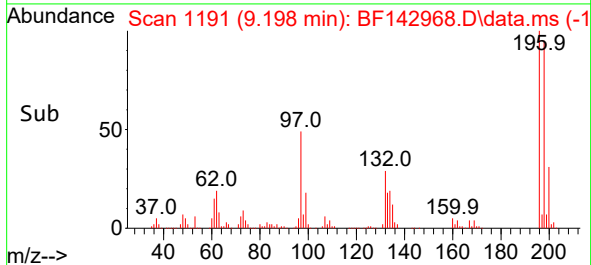
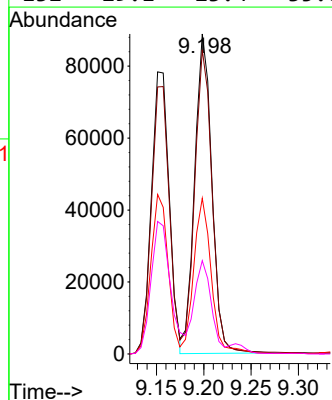
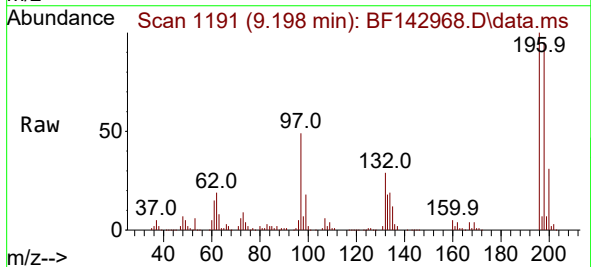
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

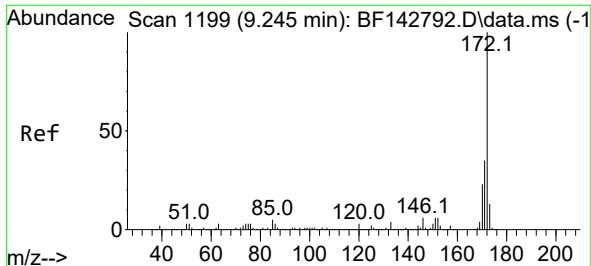
Tgt Ion:196 Resp: 102778  
Ion Ratio Lower Upper  
196 100  
198 94.7 76.2 114.2  
200 30.0 24.1 36.1



#44  
2,4,5-Trichlorophenol  
Concen: 42.995 ng  
RT: 9.198 min Scan# 1191  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:196 Resp: 112710  
Ion Ratio Lower Upper  
196 100  
198 95.1 76.6 115.0  
97 48.7 38.2 57.2  
132 29.1 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 73.680 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

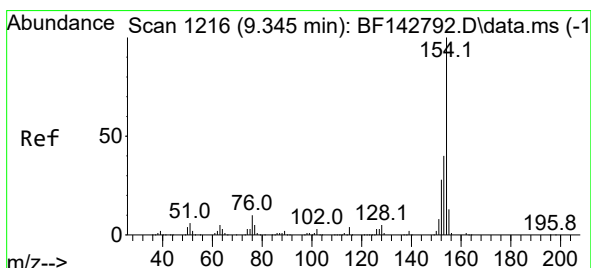
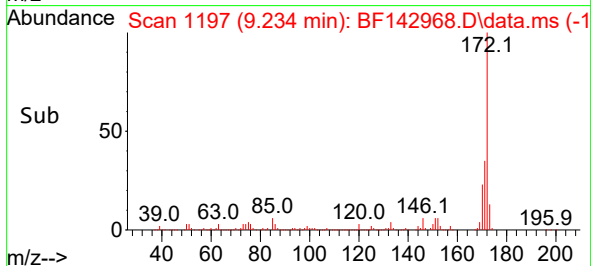
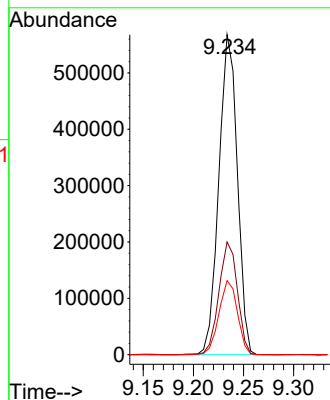
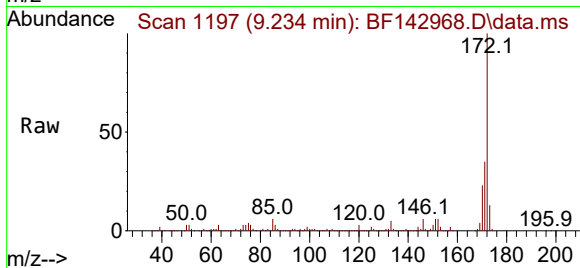
Tgt Ion:172 Resp: 726436

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.1 18.5 27.7



#46

1,1'-Biphenyl

Concen: 41.199 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

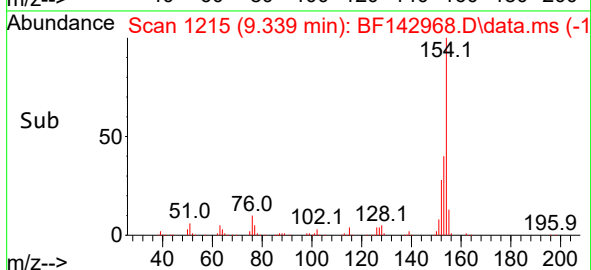
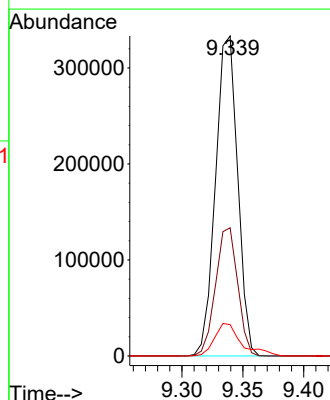
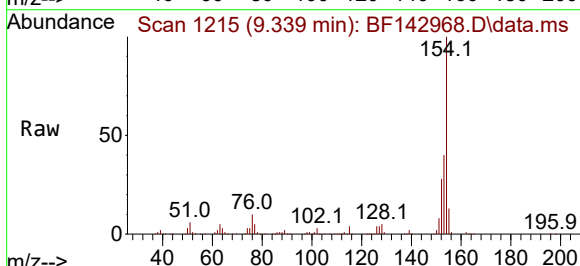
Tgt Ion:154 Resp: 421523

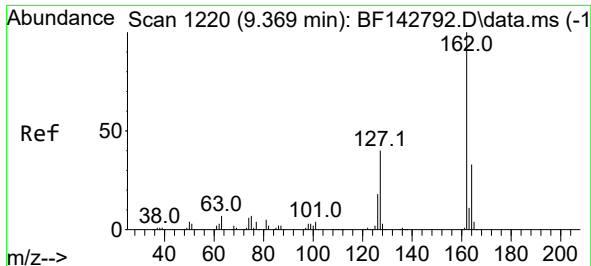
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 9.8 0.0 30.3

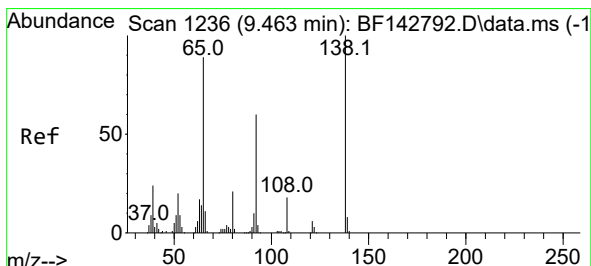
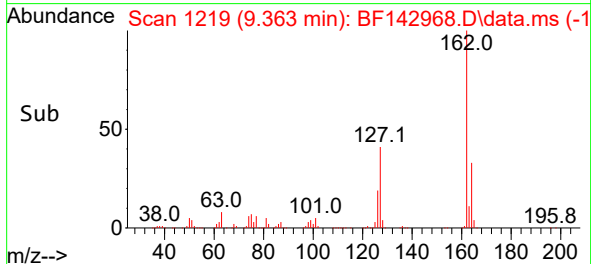
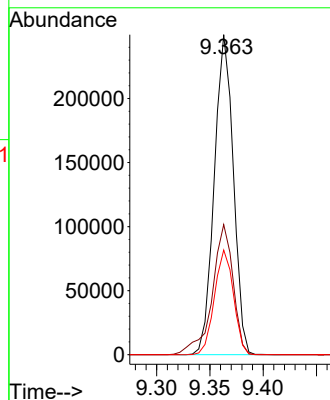
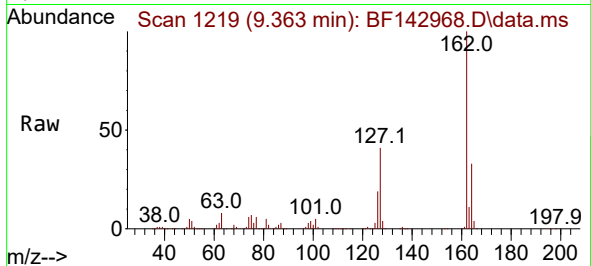




#47  
2-Chloronaphthalene  
Concen: 40.502 ng  
RT: 9.363 min Scan# 1219  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

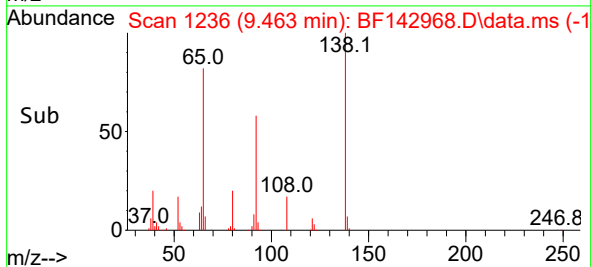
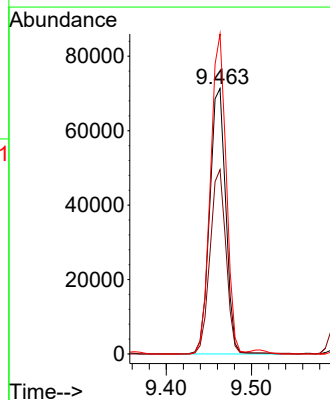
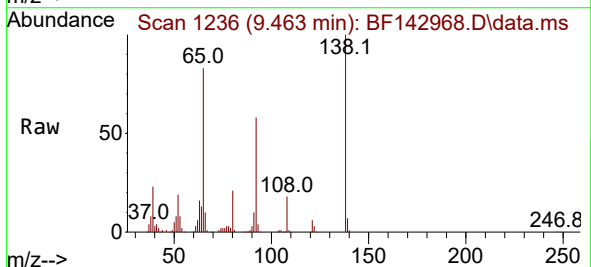
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

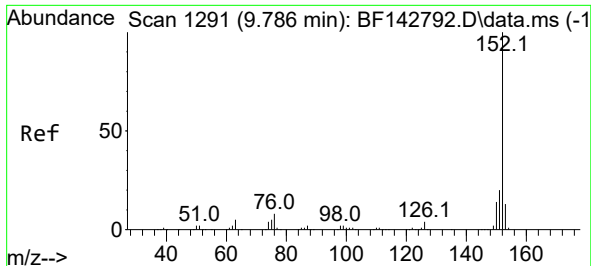
Tgt Ion:162 Resp: 310973  
Ion Ratio Lower Upper  
162 100  
127 40.7 32.2 48.2  
164 32.7 26.1 39.1



#48  
2-Nitroaniline  
Concen: 43.432 ng  
RT: 9.463 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion: 65 Resp: 93489  
Ion Ratio Lower Upper  
65 100  
92 69.5 53.8 80.6  
138 120.6 89.6 134.4

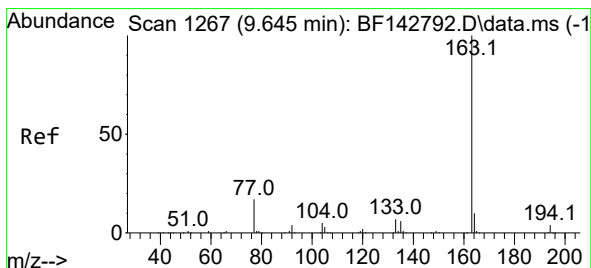
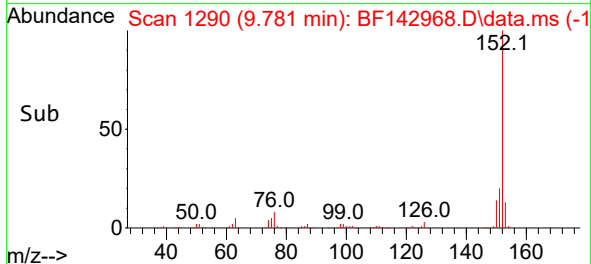
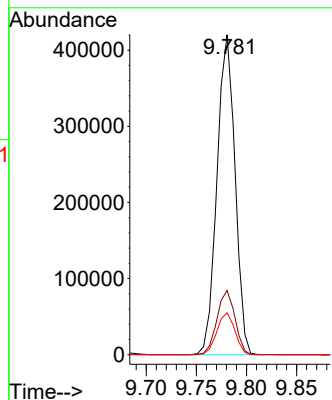
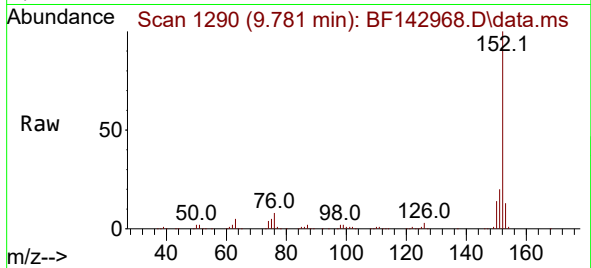




#49  
Acenaphthylene  
Concen: 41.565 ng  
RT: 9.781 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

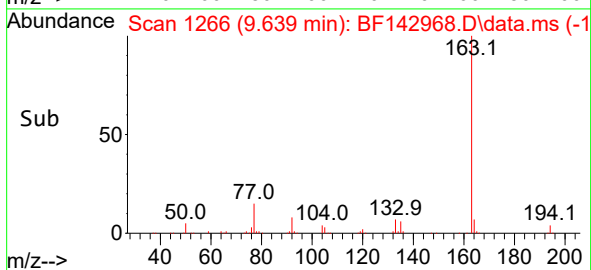
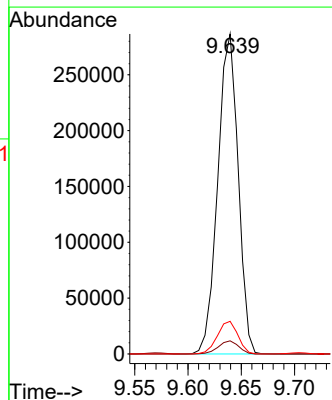
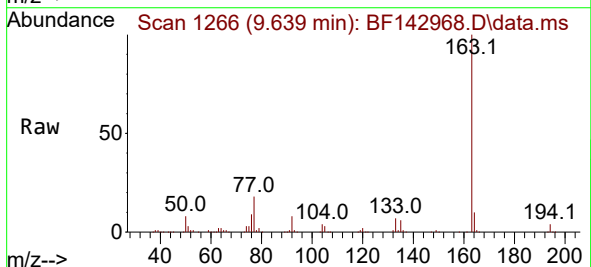
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

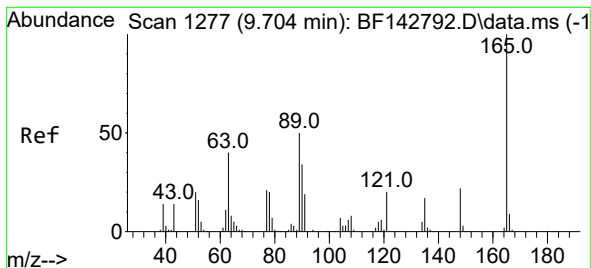
Tgt Ion:152 Resp: 525358  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.1 24.1  
153 13.1 10.4 15.6



#50  
Dimethylphthalate  
Concen: 45.402 ng  
RT: 9.639 min Scan# 1266  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:163 Resp: 380645  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 10.2 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 45.317 ng

RT: 9.704 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

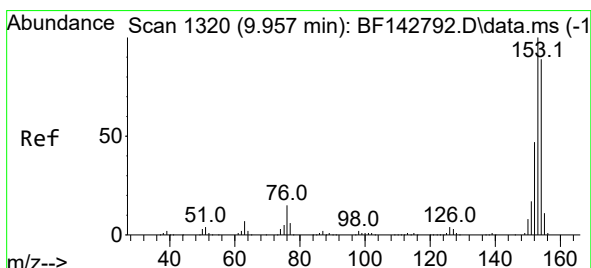
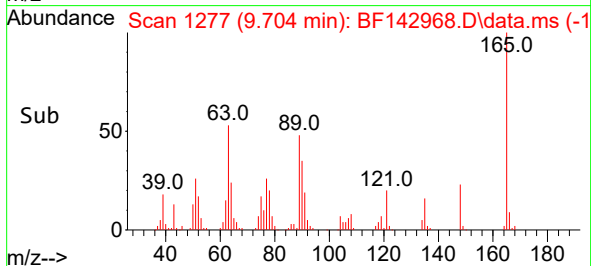
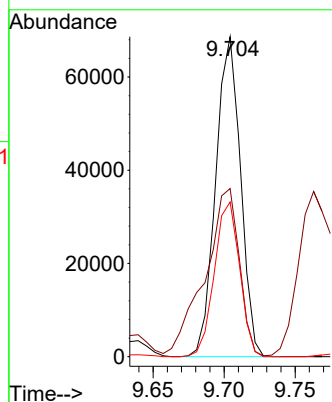
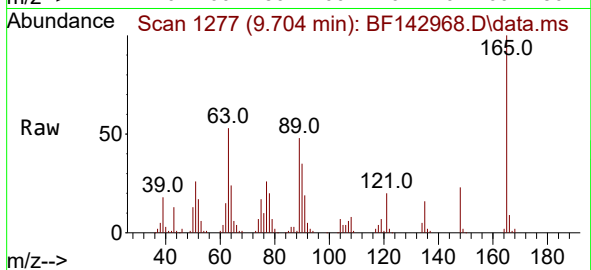
Tgt Ion:165 Resp: 83437

Ion Ratio Lower Upper

165 100

63 52.6 44.2 66.4

89 48.4 39.8 59.8



#52

Acenaphthene

Concen: 45.460 ng m

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

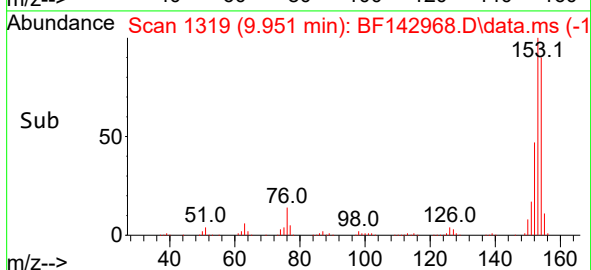
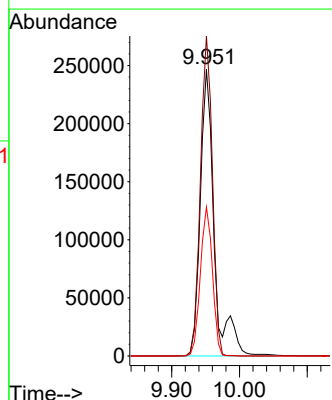
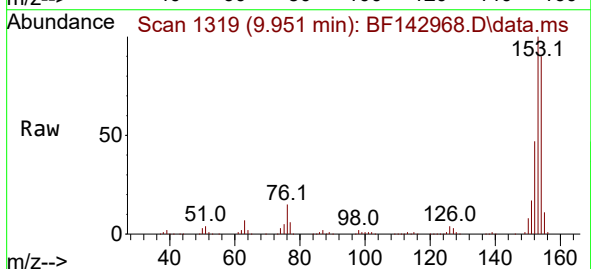
Tgt Ion:154 Resp: 350570

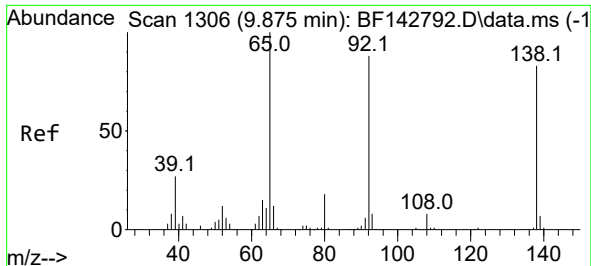
Ion Ratio Lower Upper

154 100

153 111.6 90.0 135.0

152 51.9 41.9 62.9

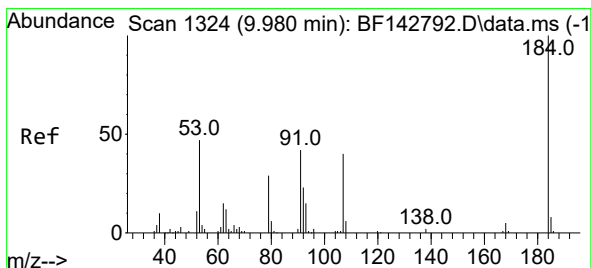
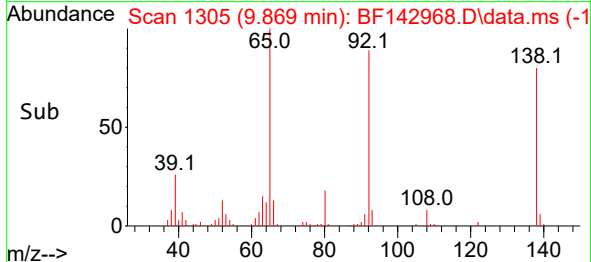
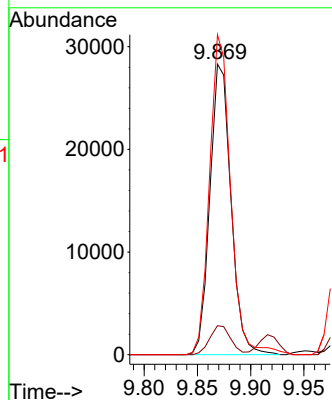
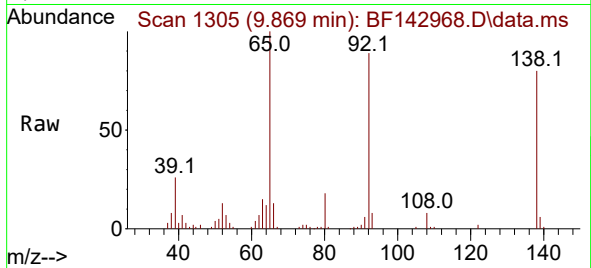




#53  
3-Nitroaniline  
Concen: 19.260 ng  
RT: 9.869 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

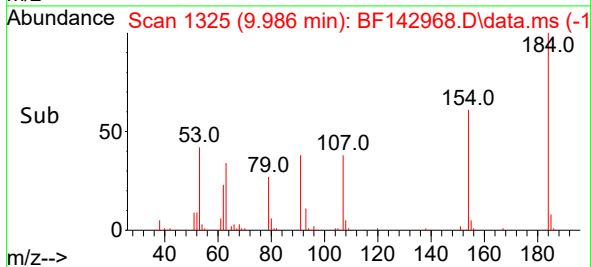
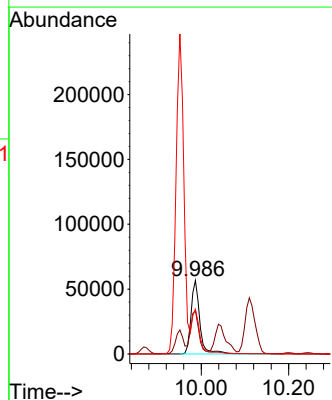
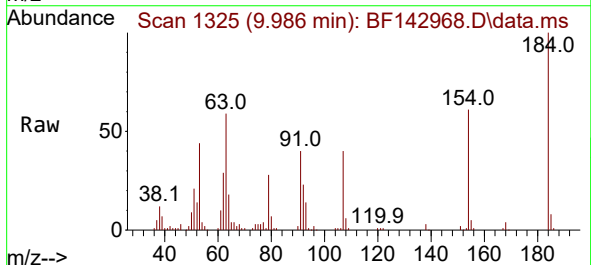
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

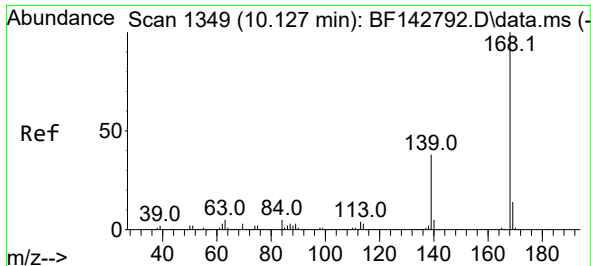
Tgt Ion:138 Resp: 39043  
Ion Ratio Lower Upper  
138 100  
108 10.0 8.1 12.1  
92 110.1 85.1 127.7



#54  
2,4-Dinitrophenol  
Concen: 86.596 ng  
RT: 9.986 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:184 Resp: 79834  
Ion Ratio Lower Upper  
184 100  
63 58.8 50.6 75.8  
154 61.0 51.8 77.8

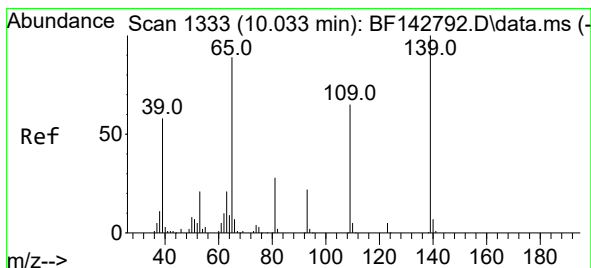
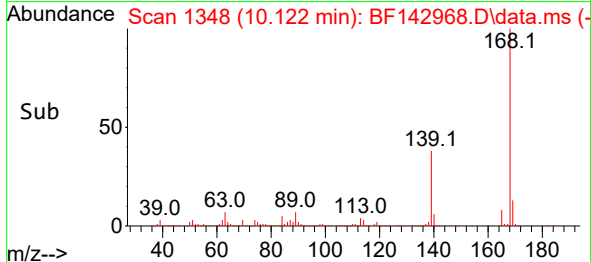
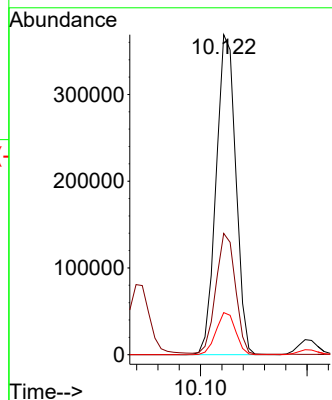
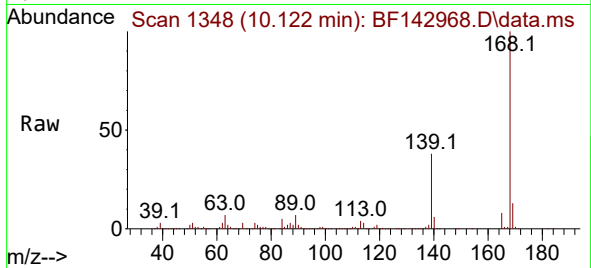




#55  
Dibenzenofuran  
Concen: 42.685 ng  
RT: 10.122 min Scan# 1349  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

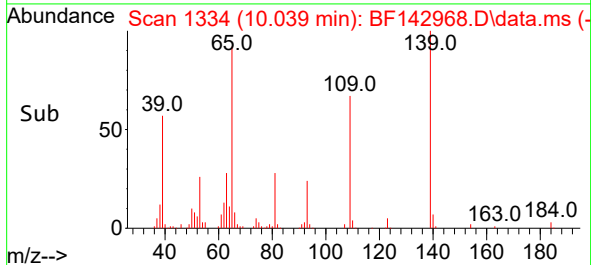
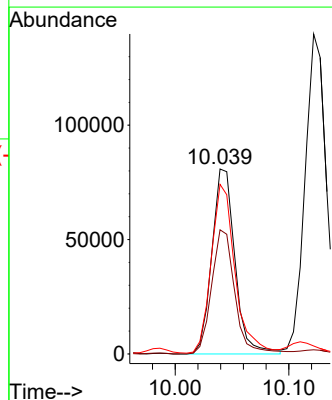
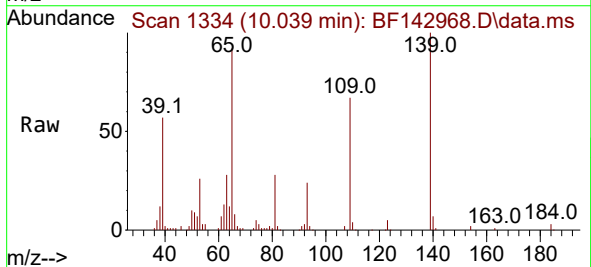
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

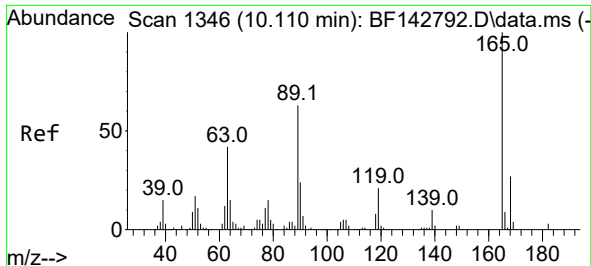
Tgt Ion:168 Resp: 472018  
Ion Ratio Lower Upper  
168 100  
139 37.9 30.2 45.4  
169 13.2 10.8 16.2



#56  
4-Nitrophenol  
Concen: 82.347 ng  
RT: 10.039 min Scan# 1334  
Delta R.T. 0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:139 Resp: 114281  
Ion Ratio Lower Upper  
139 100  
109 67.2 44.7 84.7  
65 91.7 69.8 109.8

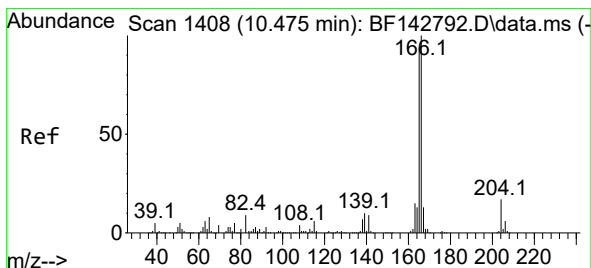
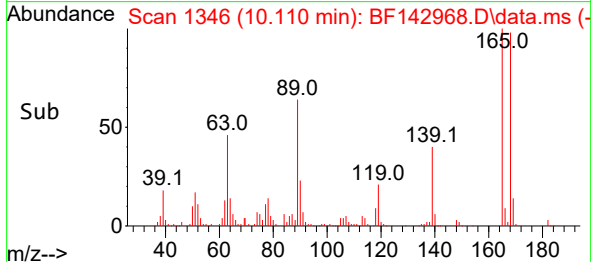
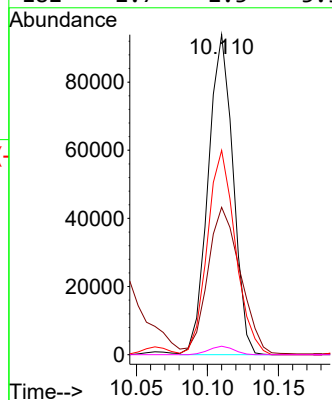
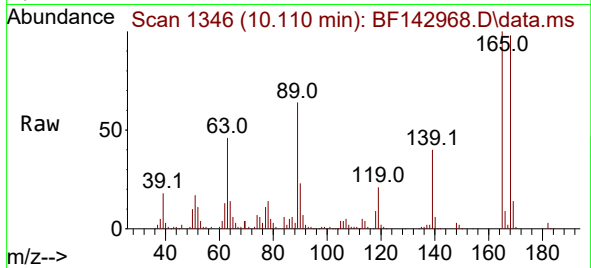




#57  
2,4-Dinitrotoluene  
Concen: 46.908 ng  
RT: 10.110 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

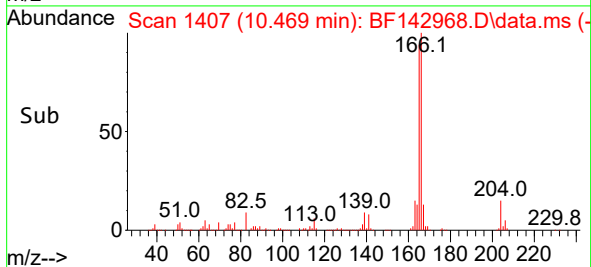
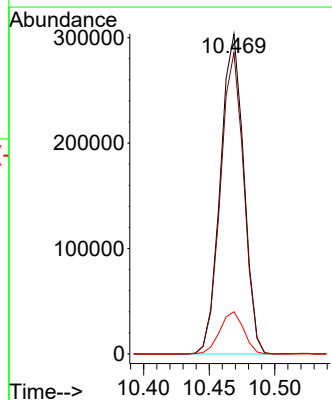
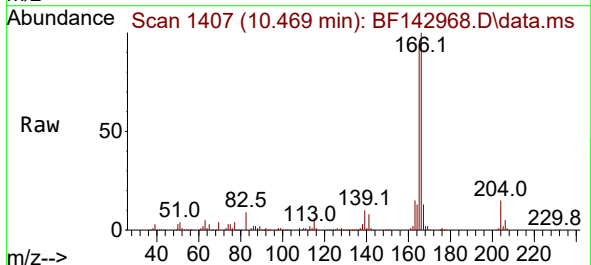
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

Tgt Ion:165 Resp: 114720  
Ion Ratio Lower Upper  
165 100  
63 46.1 33.9 50.9  
89 63.8 50.6 75.8  
182 2.7 2.3 3.5

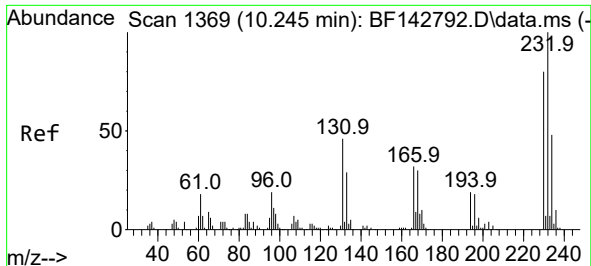


#58  
Fluorene  
Concen: 43.513 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:166 Resp: 375795  
Ion Ratio Lower Upper  
166 100  
165 94.2 75.2 112.8  
167 13.2 10.6 15.8



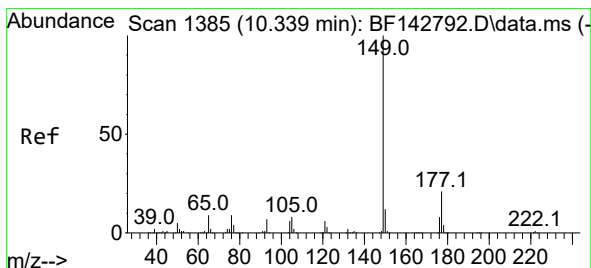
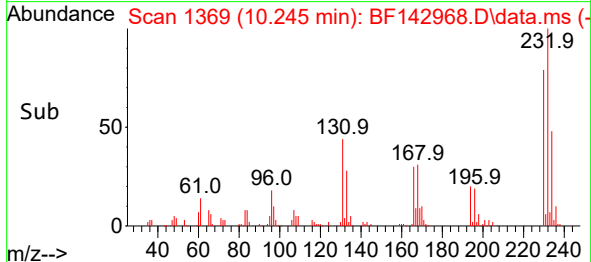
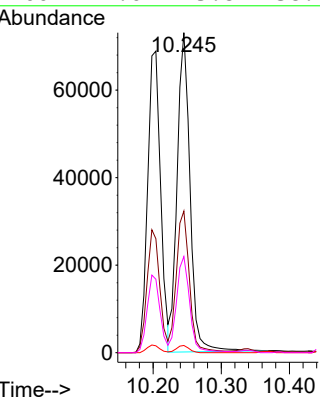
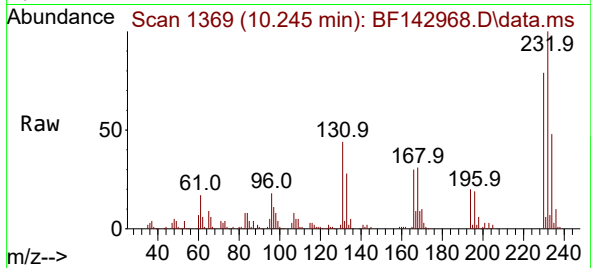




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.001 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

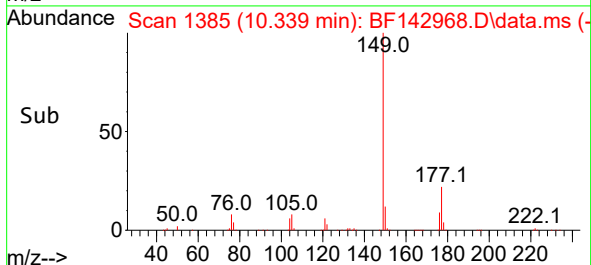
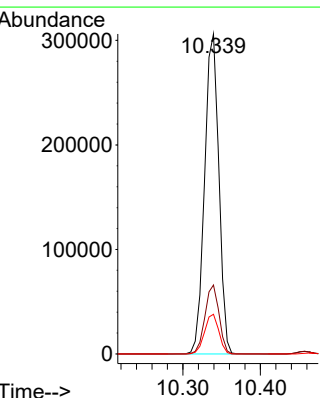
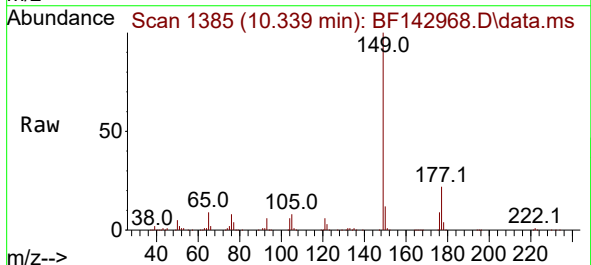
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

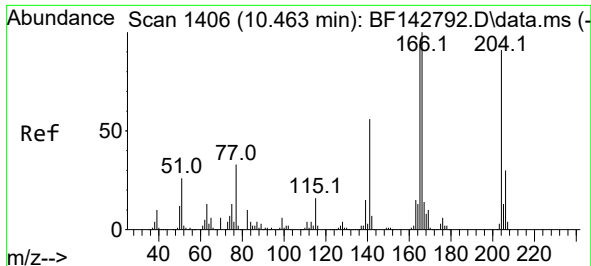
Tgt Ion:232 Resp: 95091  
Ion Ratio Lower Upper  
232 100  
131 44.9 37.6 56.4  
130 2.2 1.7 2.5  
166 29.6 25.8 38.6



#60  
Diethylphthalate  
Concen: 47.555 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:149 Resp: 390912  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.0 25.6  
150 12.4 9.8 14.6

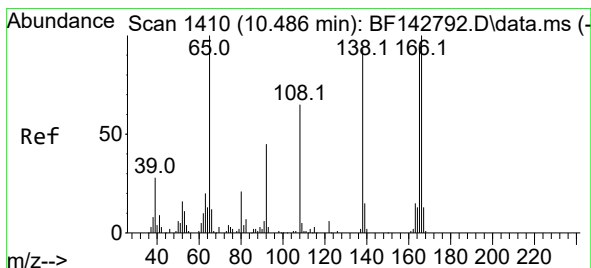
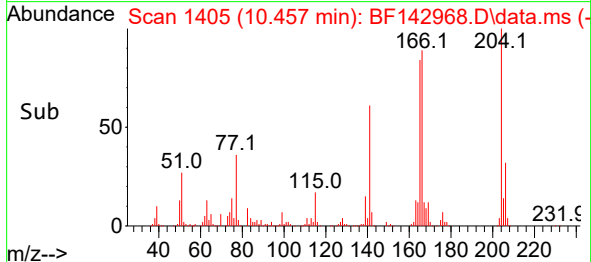
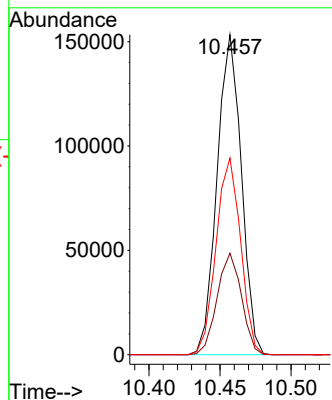
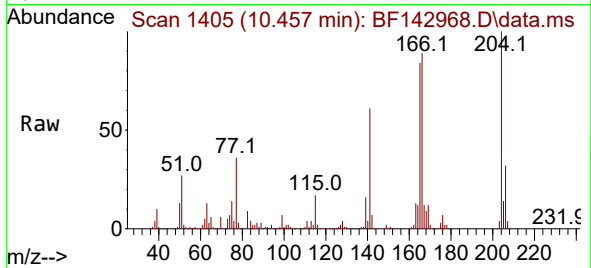




#61  
4-Chlorophenyl-phenylether  
Concen: 44.249 ng  
RT: 10.457 min Scan# 1405  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

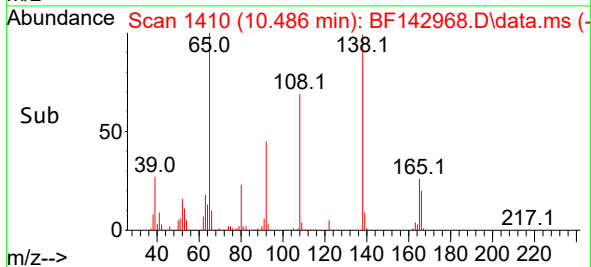
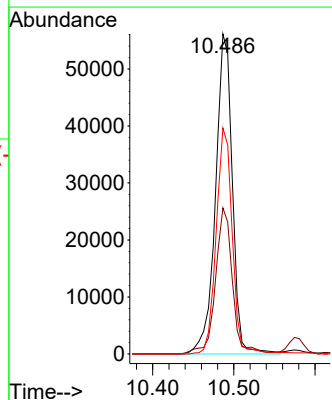
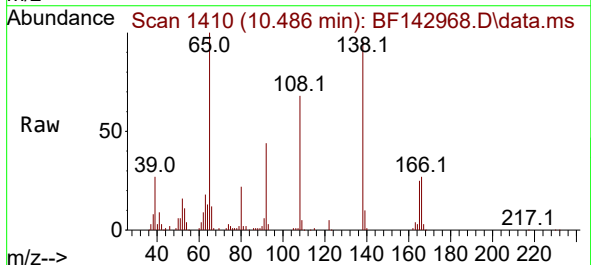
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

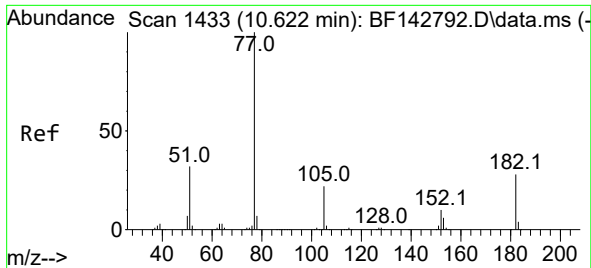
Tgt Ion:204 Resp: 182355  
Ion Ratio Lower Upper  
204 100  
206 31.7 26.3 39.5  
141 61.5 49.1 73.7



#62  
4-Nitroaniline  
Concen: 43.689 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:138 Resp: 80998  
Ion Ratio Lower Upper  
138 100  
92 45.6 28.4 68.4  
108 70.6 50.2 90.2



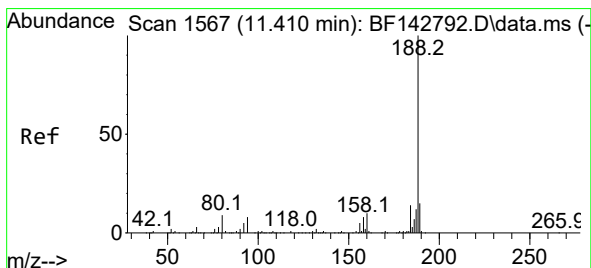
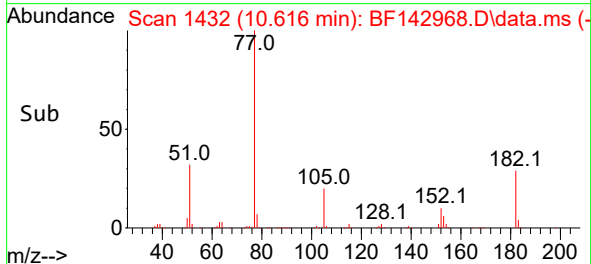
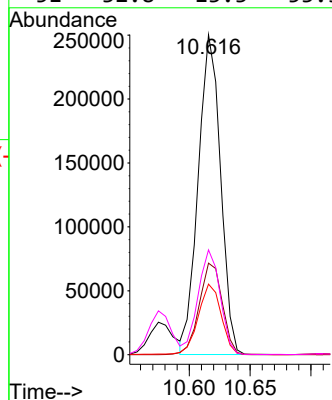
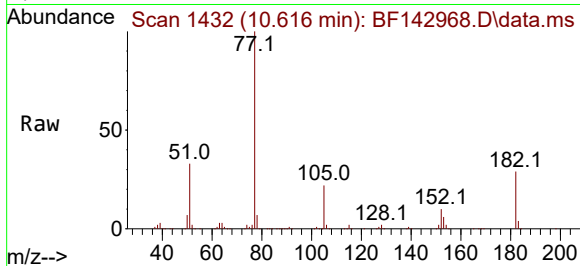


#63  
 Azobenzene  
 Concen: 43.388 ng  
 RT: 10.616 min Scan# 1432  
 Delta R.T. -0.006 min  
 Lab File: BF142968.D  
 Acq: 02 Jul 2025 13:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5MSD

Tgt Ion: 77 Resp: 318772

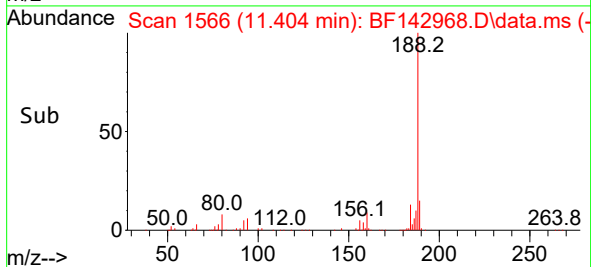
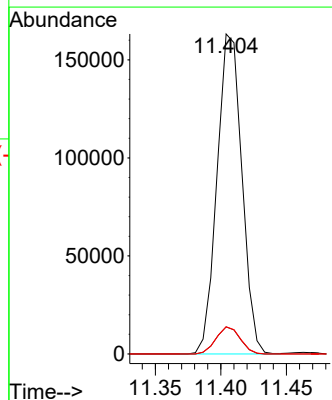
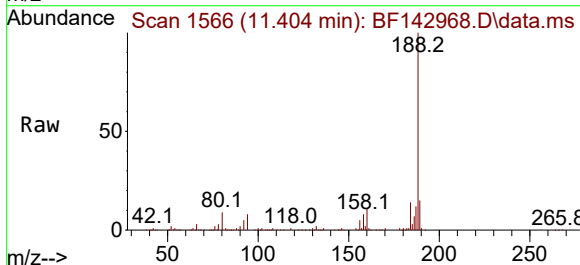
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.6  | 7.7   | 47.7  |
| 105 | 22.1  | 1.9   | 41.9  |
| 51  | 32.8  | 13.3  | 53.3  |

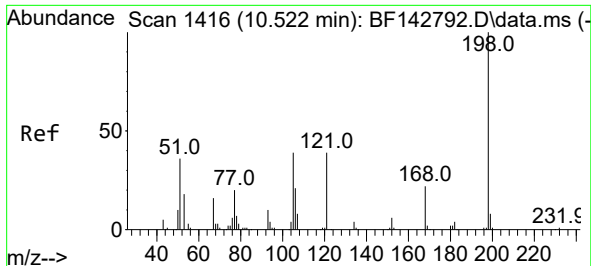


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.404 min Scan# 1566  
 Delta R.T. -0.006 min  
 Lab File: BF142968.D  
 Acq: 02 Jul 2025 13:47

Tgt Ion: 188 Resp: 215277

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.5   | 6.7   | 10.1  |
| 80  | 8.5   | 6.9   | 10.3  |

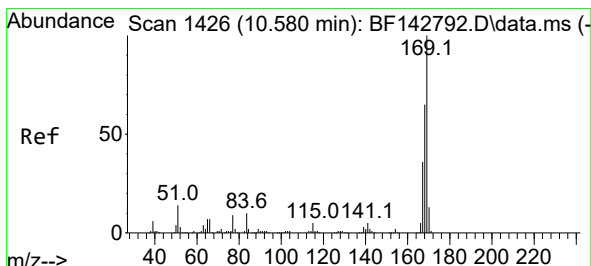
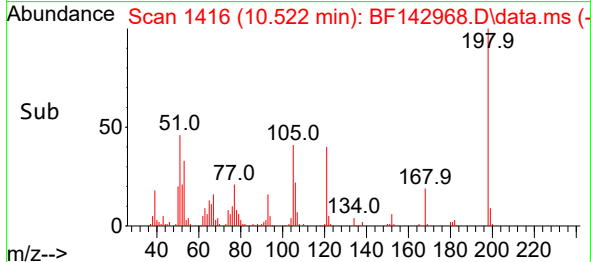
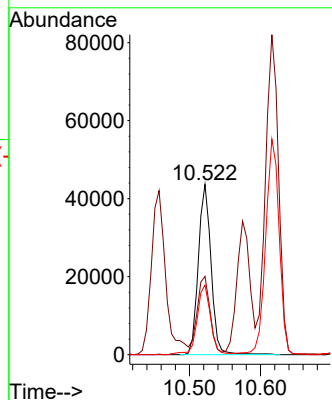
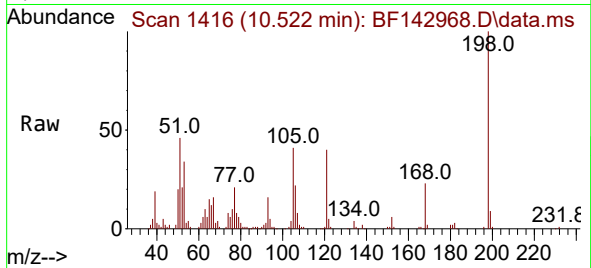




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.014 ng  
RT: 10.522 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

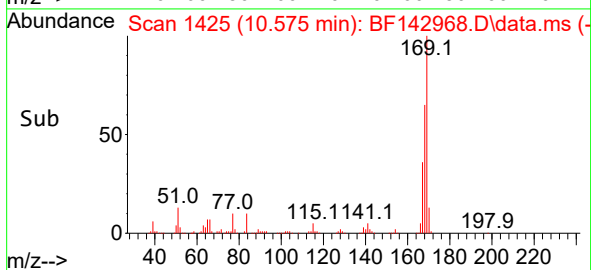
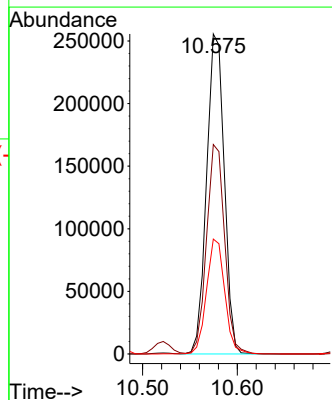
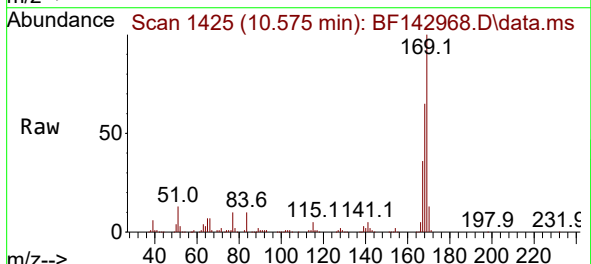
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

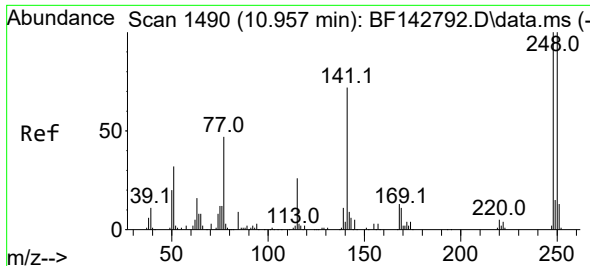
Tgt Ion:198 Resp: 54708  
Ion Ratio Lower Upper  
198 100  
51 46.0 25.4 65.4  
105 40.9 20.4 60.4



#66  
n-Nitrosodiphenylamine  
Concen: 44.440 ng  
RT: 10.575 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:169 Resp: 331564  
Ion Ratio Lower Upper  
169 100  
168 65.4 51.9 77.9  
167 35.9 28.5 42.7

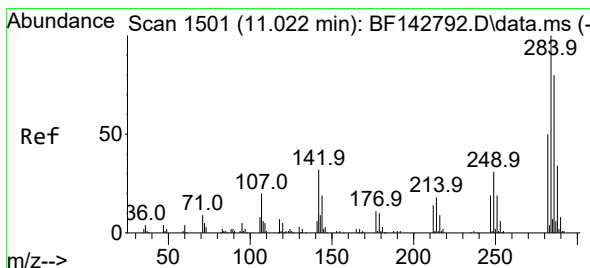
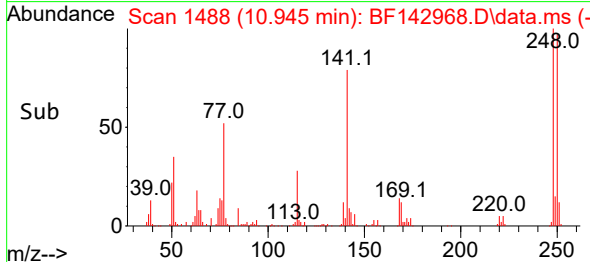
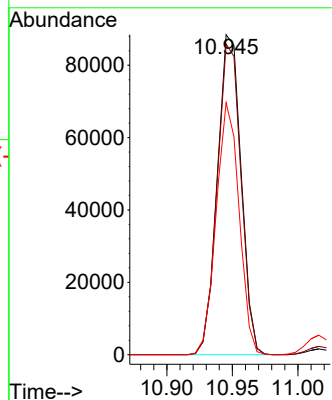
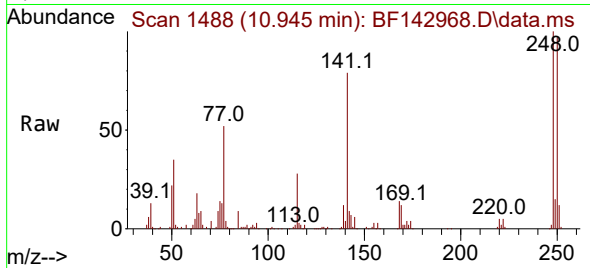




#67  
4-Bromophenyl-phenylether  
Concen: 45.620 ng  
RT: 10.945 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

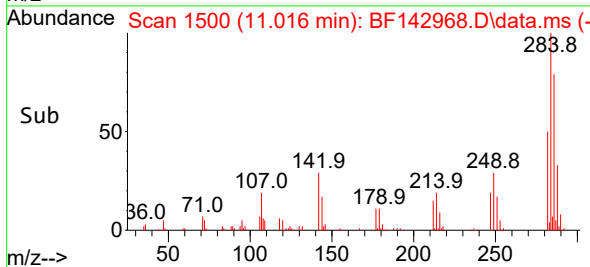
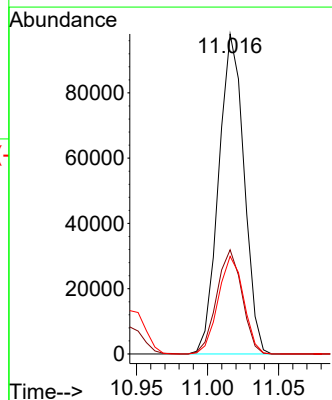
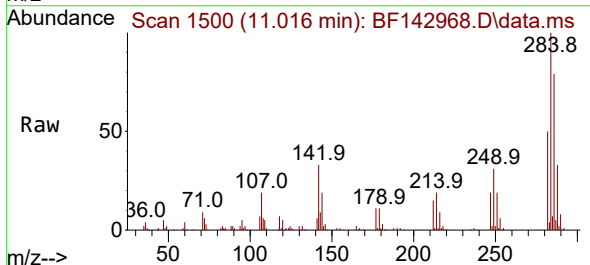
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

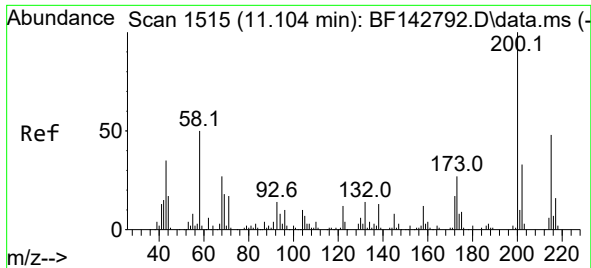
Tgt Ion:248 Resp: 111772  
Ion Ratio Lower Upper  
248 100  
250 97.1 79.8 119.8  
141 78.8 57.8 86.6



#68  
Hexachlorobenzene  
Concen: 44.731 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:284 Resp: 121776  
Ion Ratio Lower Upper  
284 100  
142 32.5 25.5 38.3  
249 30.5 24.9 37.3

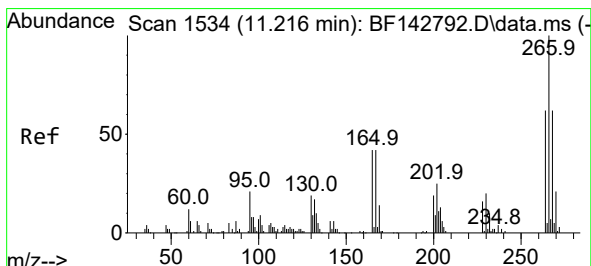
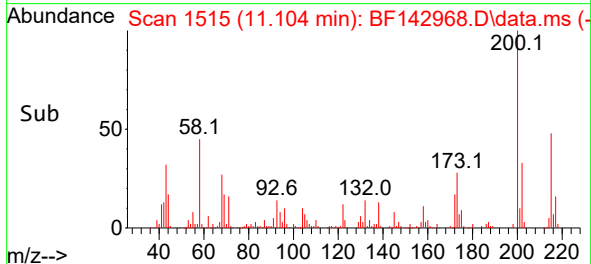
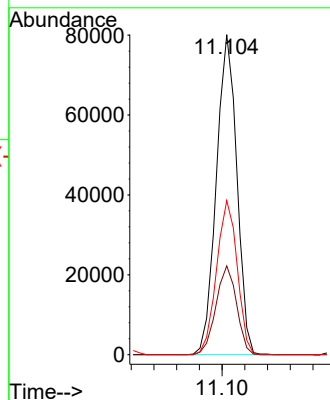
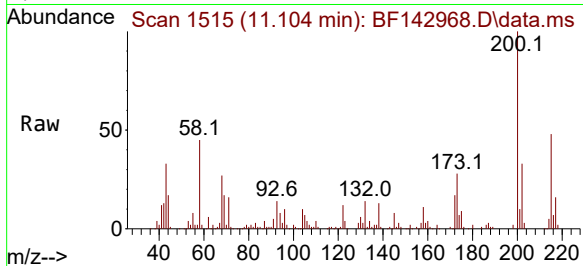




#69  
 Atrazine  
 Concen: 52.104 ng  
 RT: 11.104 min Scan# 1515  
 Delta R.T. 0.000 min  
 Lab File: BF142968.D  
 Acq: 02 Jul 2025 13:47

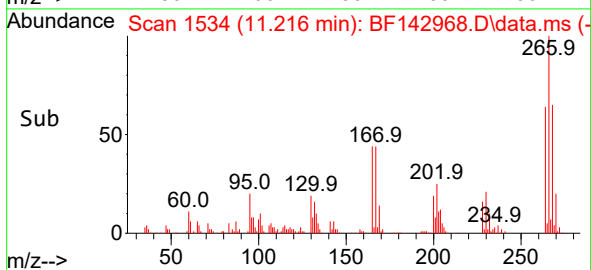
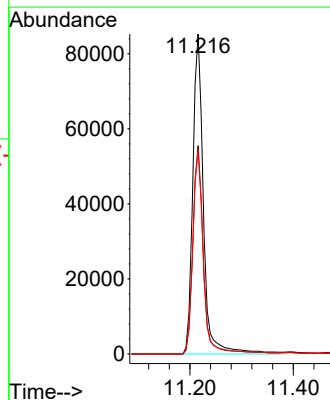
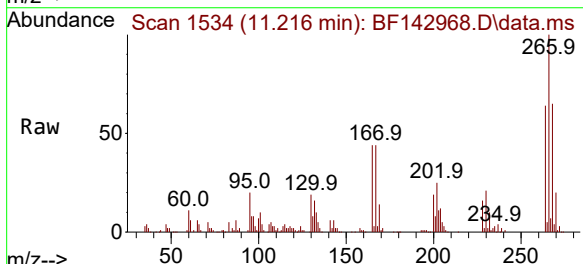
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5MSD

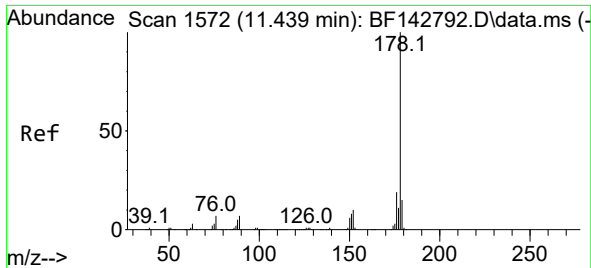
Tgt Ion:200 Resp: 100386  
 Ion Ratio Lower Upper  
 200 100  
 173 27.7 7.4 47.4  
 215 48.2 28.4 68.4



#70  
 Pentachlorophenol  
 Concen: 89.995 ng  
 RT: 11.216 min Scan# 1534  
 Delta R.T. 0.000 min  
 Lab File: BF142968.D  
 Acq: 02 Jul 2025 13:47

Tgt Ion:266 Resp: 122085  
 Ion Ratio Lower Upper  
 266 100  
 268 65.1 49.8 74.8  
 264 63.7 49.9 74.9

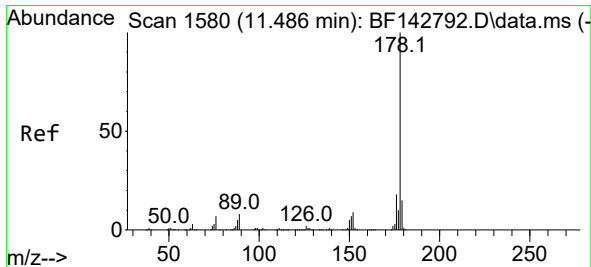
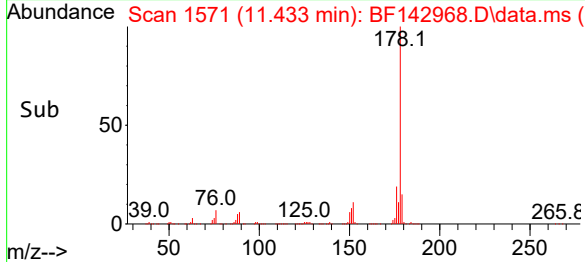
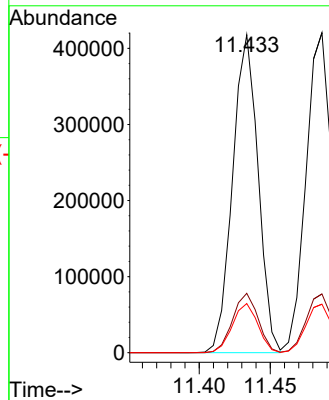
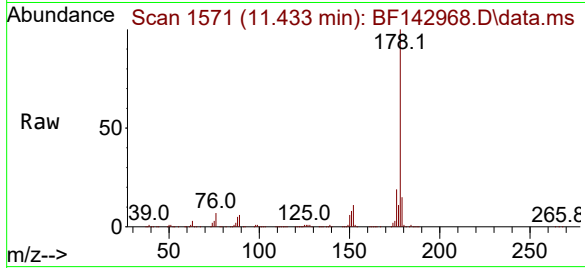




#71  
Phenanthrene  
Concen: 44.758 ng  
RT: 11.433 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

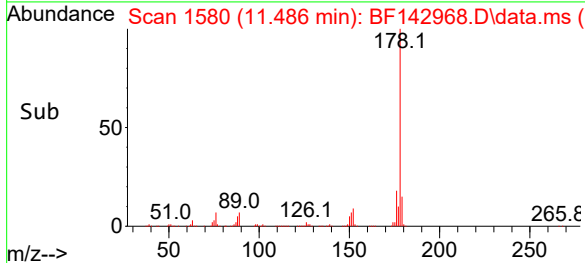
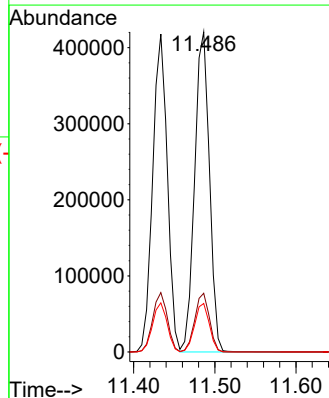
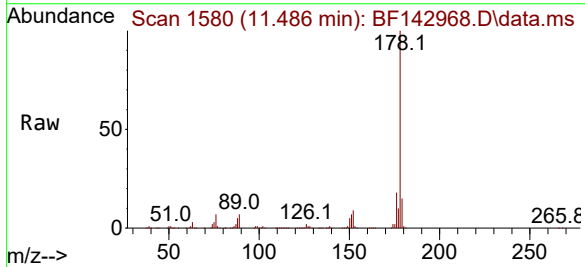
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

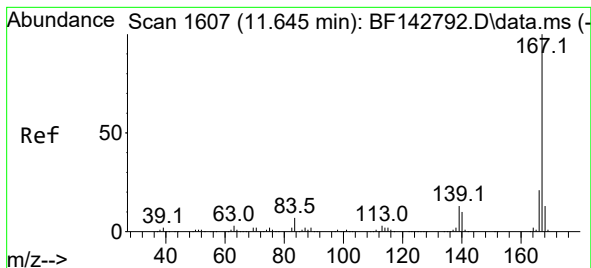
Tgt Ion:178 Resp: 521950  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.1 22.7  
179 15.4 12.0 18.0



#72  
Anthracene  
Concen: 44.562 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:178 Resp: 532964  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.6 21.8  
179 15.2 12.4 18.6





#73

Carbazole

Concen: 45.276 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

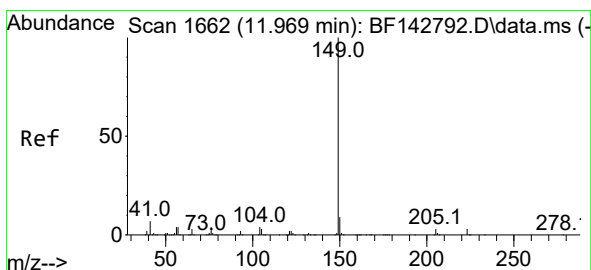
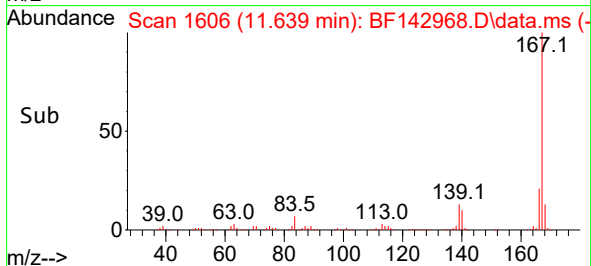
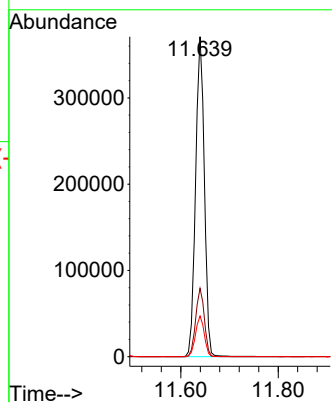
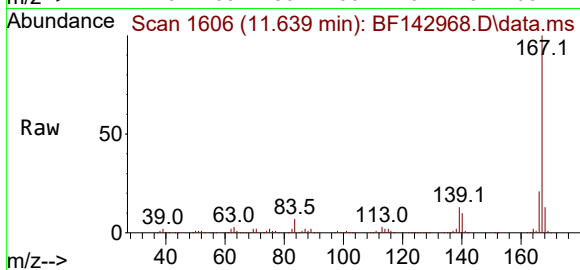
Tgt Ion:167 Resp: 467288

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

139 12.7 10.2 15.2



#74

Di-n-butylphthalate

Concen: 52.942 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

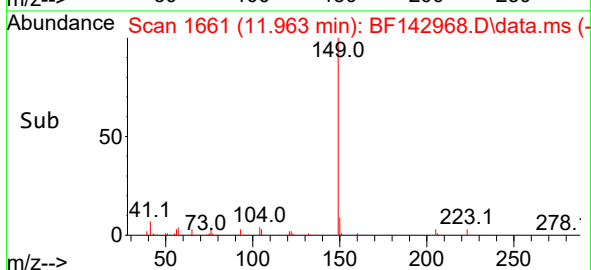
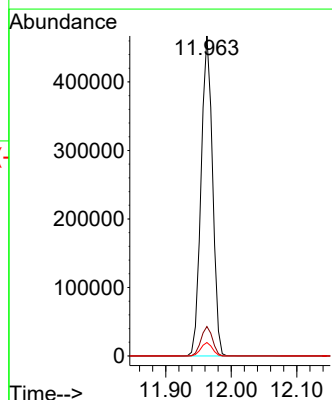
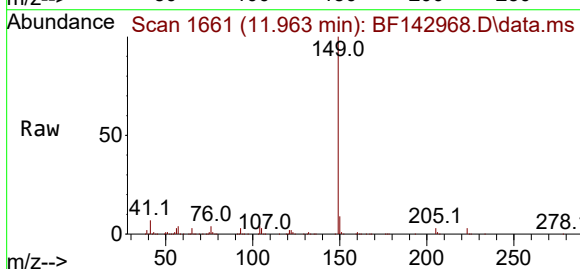
Tgt Ion:149 Resp: 569228

Ion Ratio Lower Upper

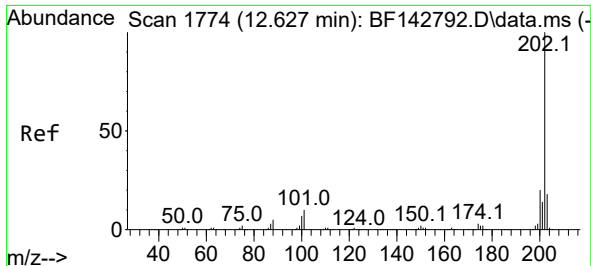
149 100

150 9.2 7.4 11.0

104 4.2 3.5 5.3



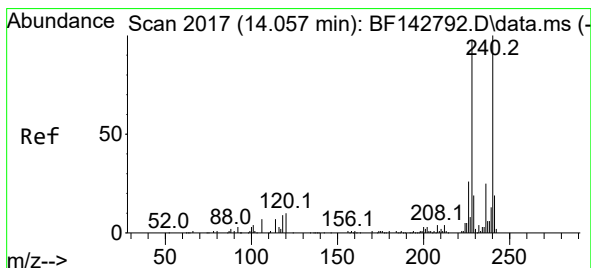
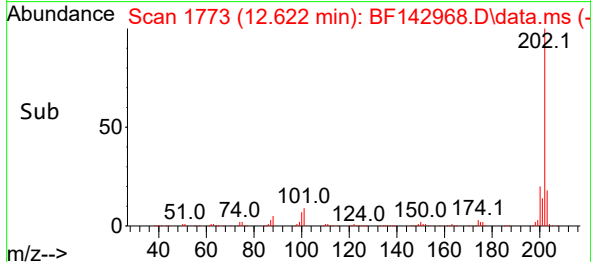
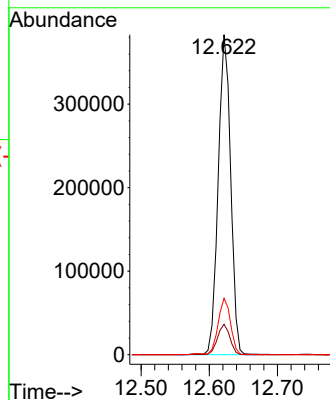
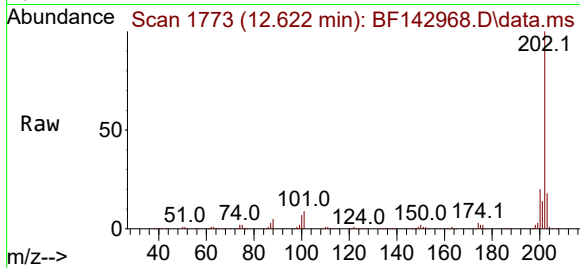




#75  
Fluoranthene  
Concen: 44.007 ng  
RT: 12.622 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

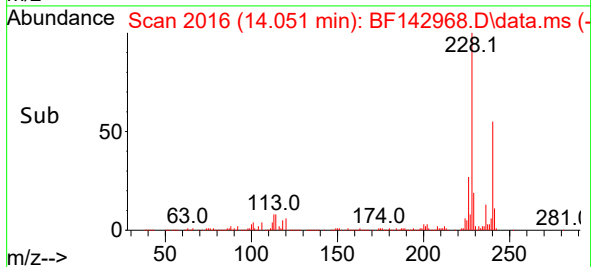
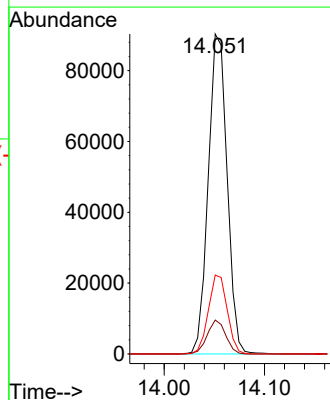
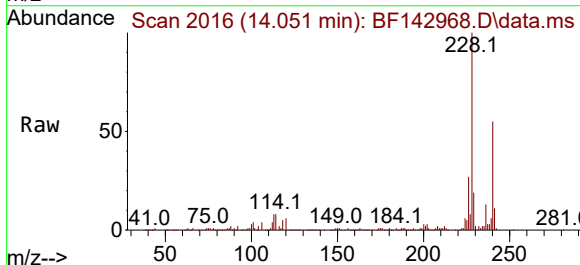
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

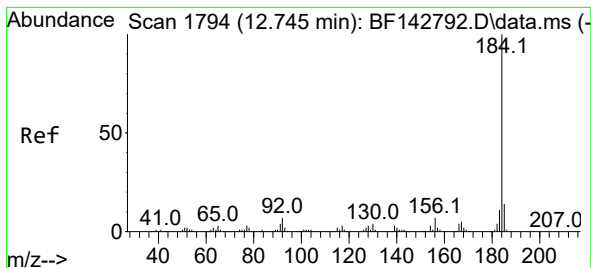
Tgt Ion:202 Resp: 487040  
Ion Ratio Lower Upper  
202 100  
101 9.5 0.0 29.7  
203 17.6 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:240 Resp: 118384  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.2 12.2  
236 24.6 19.8 29.8





#77

Benzidine

Concen: 20.914 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

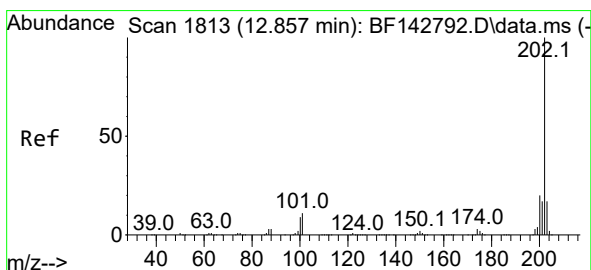
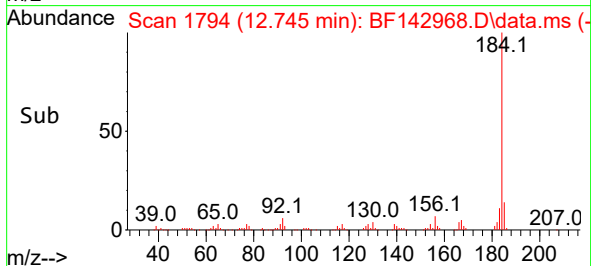
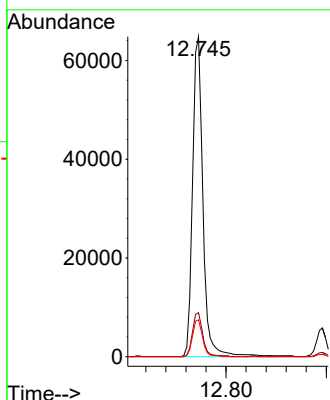
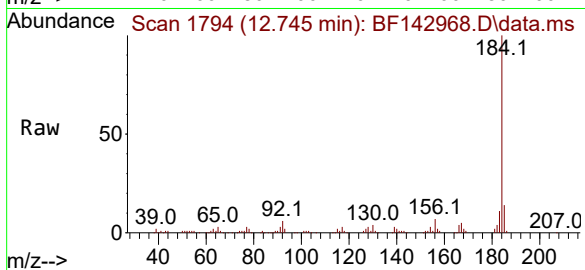
Tgt Ion:184 Resp: 93022

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 11.5 9.0 13.4



#78

Pyrene

Concen: 43.271 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

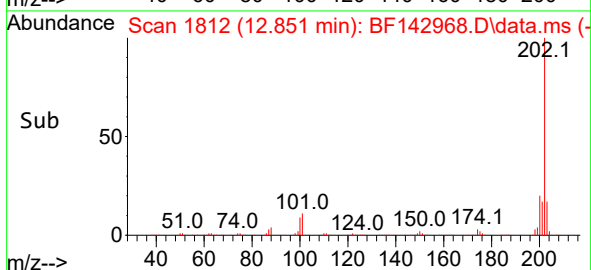
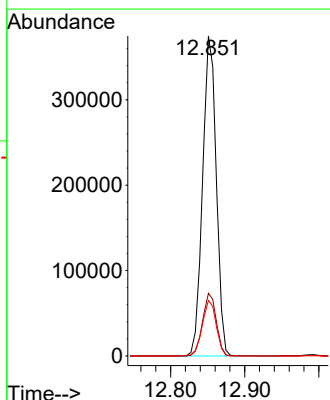
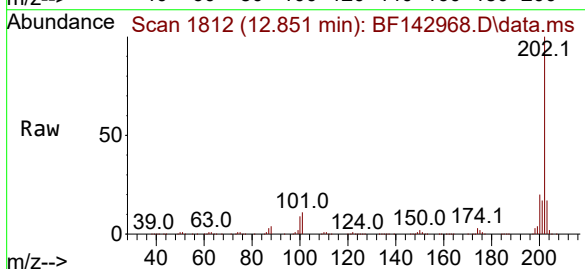
Tgt Ion:202 Resp: 480162

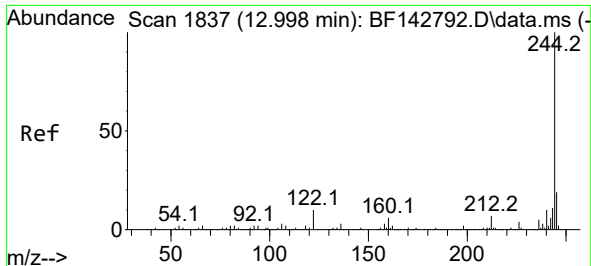
Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

203 17.3 13.8 20.6

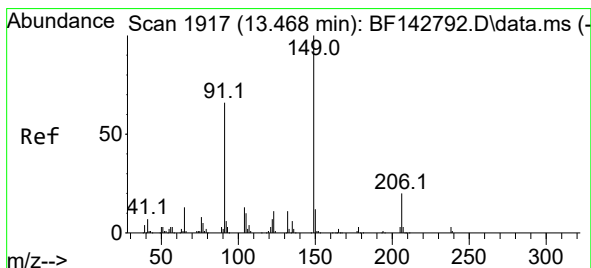
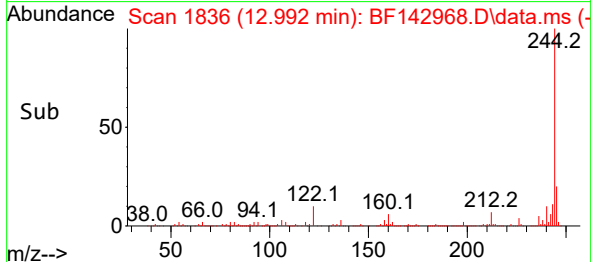
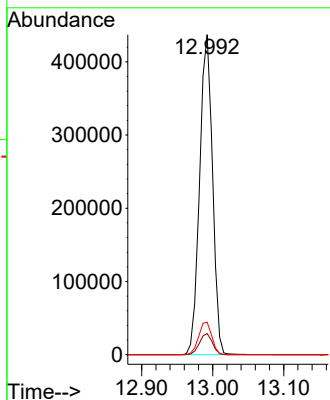
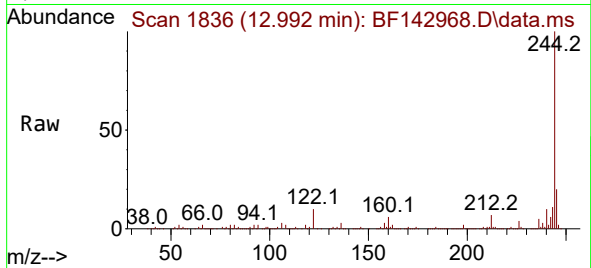




#79  
 Terphenyl-d14  
 Concen: 64.611 ng  
 RT: 12.992 min Scan# 1836  
 Delta R.T. -0.006 min  
 Lab File: BF142968.D  
 Acq: 02 Jul 2025 13:47

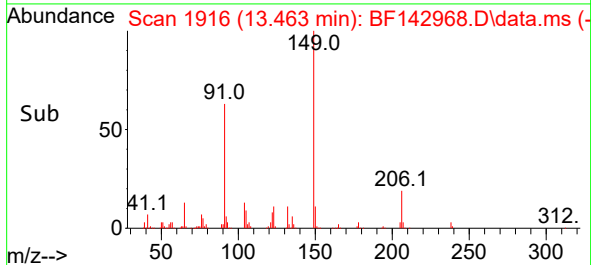
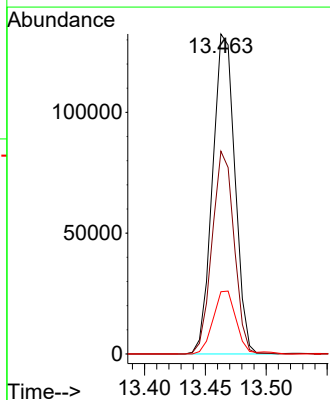
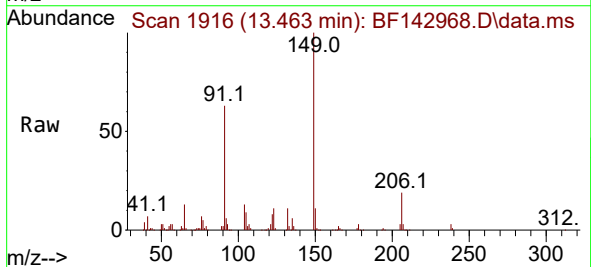
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5MSD

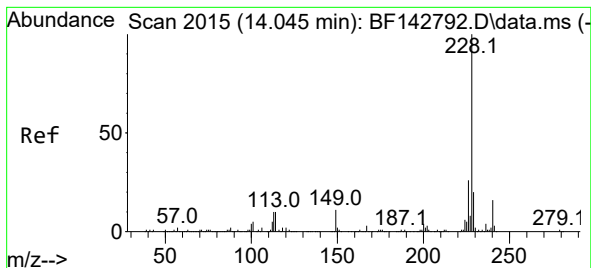
Tgt Ion:244 Resp: 553587  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.0  
 122 10.2 8.2 12.2



#80  
 Butylbenzylphthalate  
 Concen: 52.624 ng  
 RT: 13.463 min Scan# 1916  
 Delta R.T. -0.006 min  
 Lab File: BF142968.D  
 Acq: 02 Jul 2025 13:47

Tgt Ion:149 Resp: 169389  
 Ion Ratio Lower Upper  
 149 100  
 91 63.3 52.9 79.3  
 206 19.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.847 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

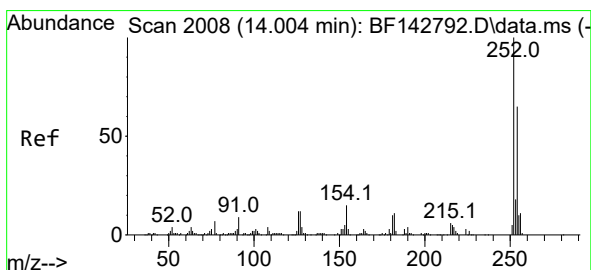
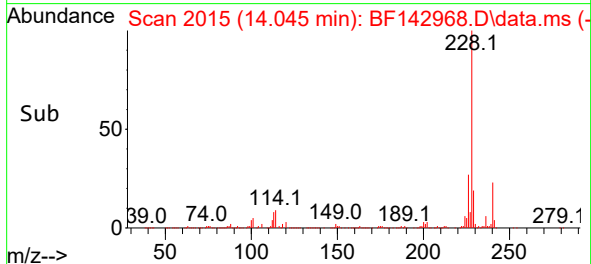
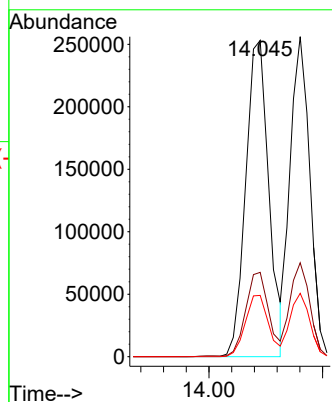
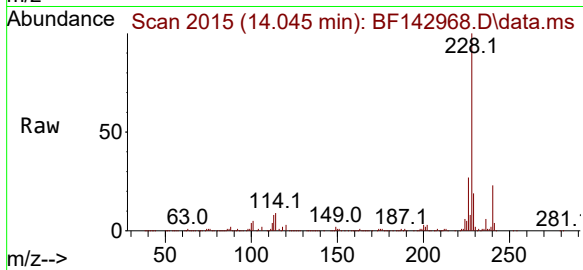
Tgt Ion:228 Resp: 358163

Ion Ratio Lower Upper

228 100

226 26.6 21.2 31.8

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 18.817 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

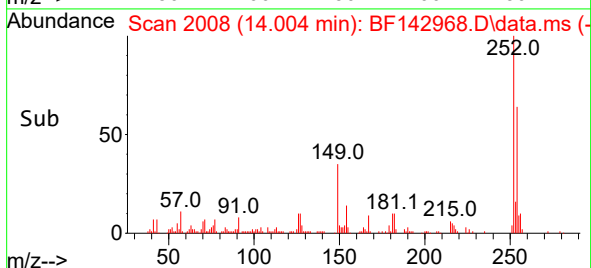
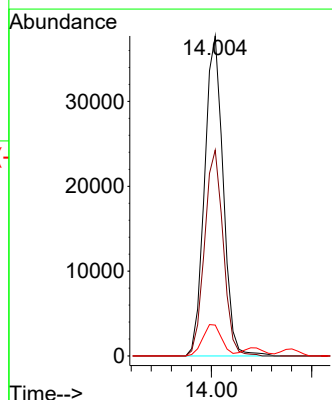
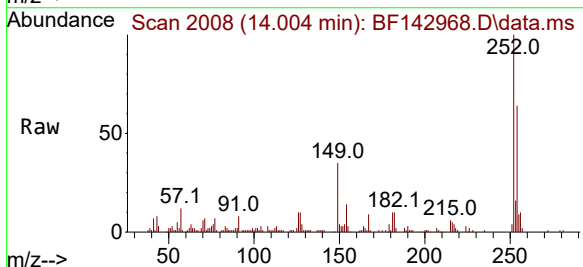
Tgt Ion:252 Resp: 48744

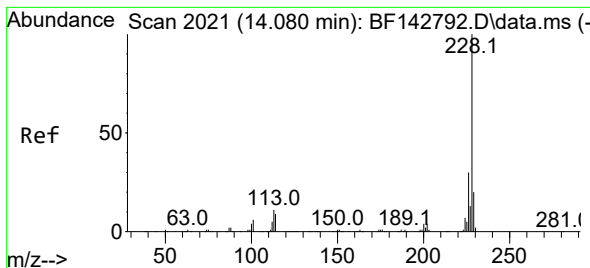
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 9.7 9.4 14.2





#83

Chrysene

Concen: 43.359 ng

RT: 14.080 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

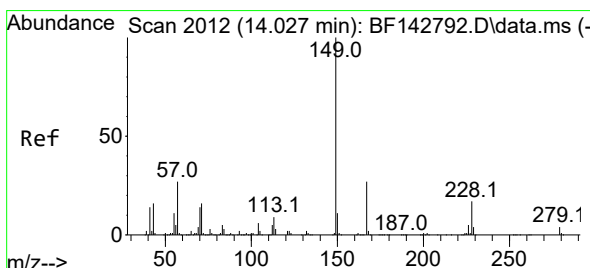
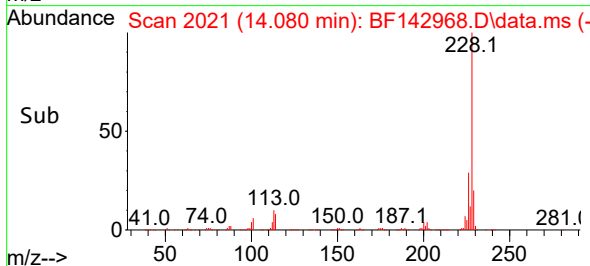
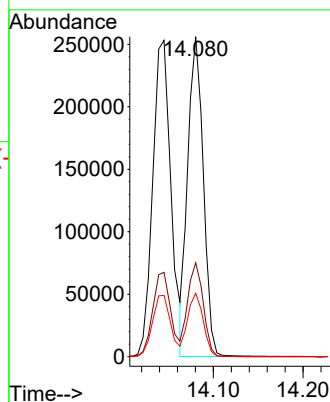
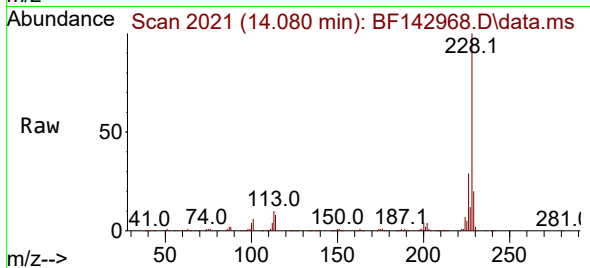
Tgt Ion:228 Resp: 308988

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.413 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

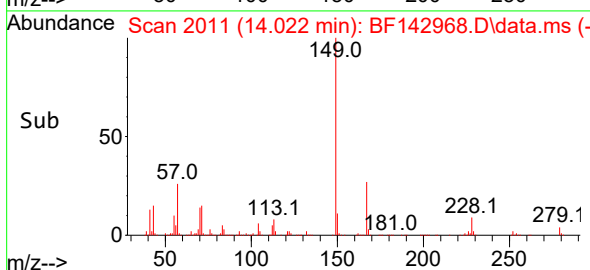
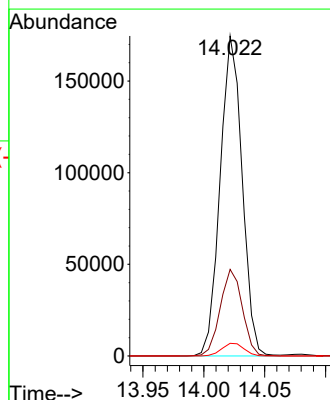
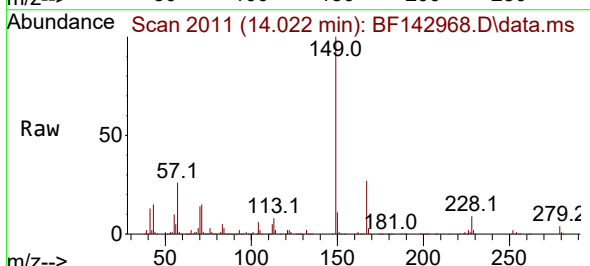
Tgt Ion:149 Resp: 219576

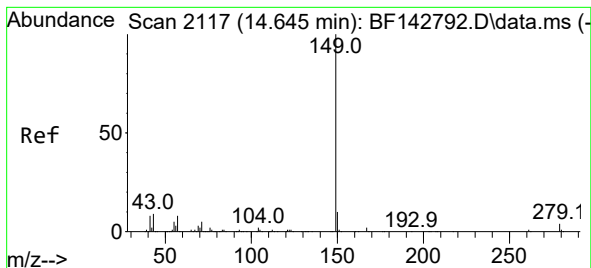
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 38.291 ng

RT: 14.639 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

Instrument :

BNA\_F

ClientSampleId :

TP-5MSD

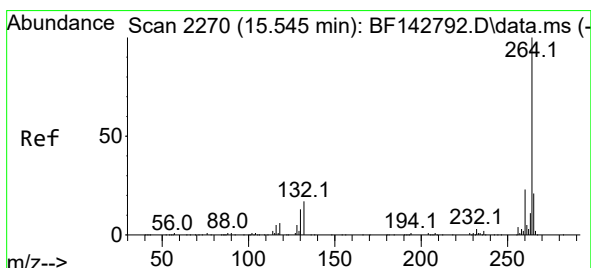
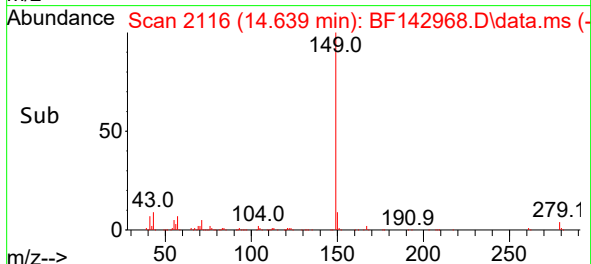
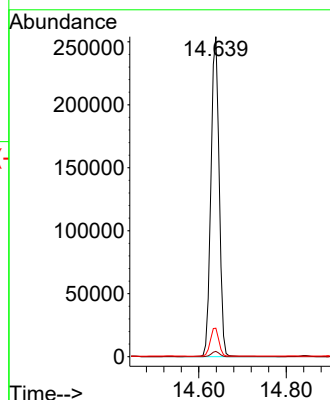
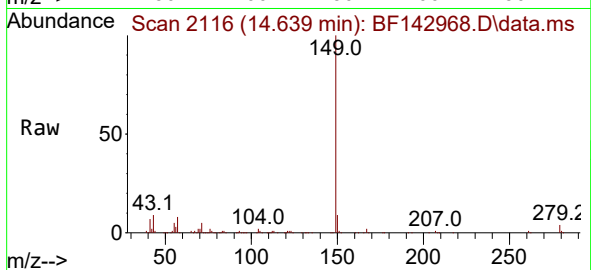
Tgt Ion:149 Resp: 334386

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142968.D

Acq: 02 Jul 2025 13:47

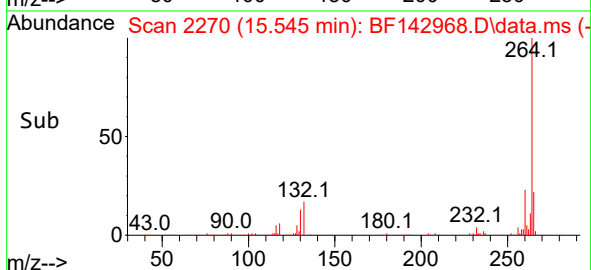
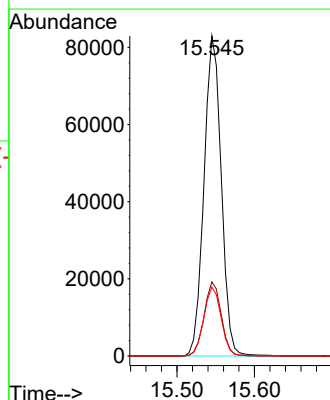
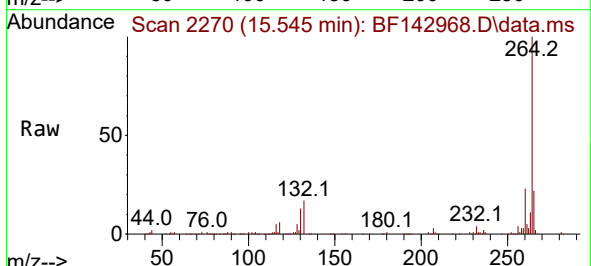
Tgt Ion:264 Resp: 128324

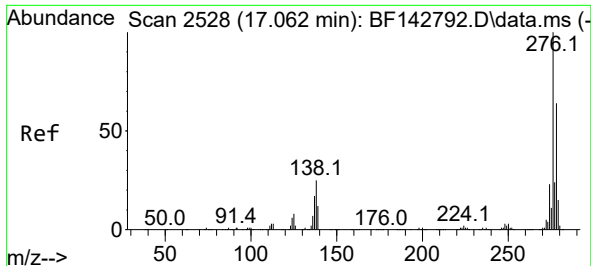
Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 21.5 16.6 25.0

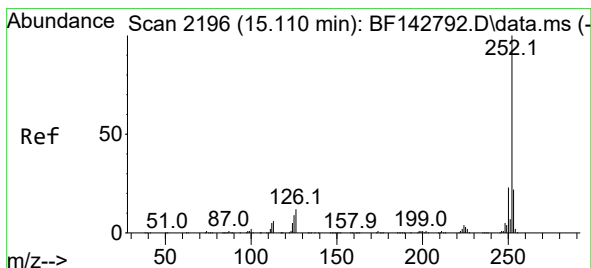
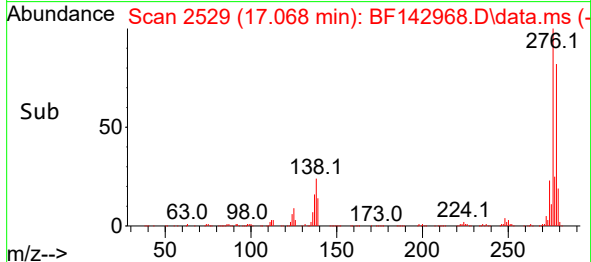
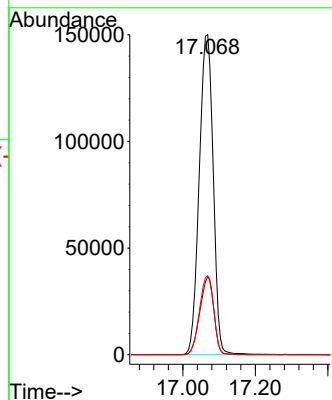
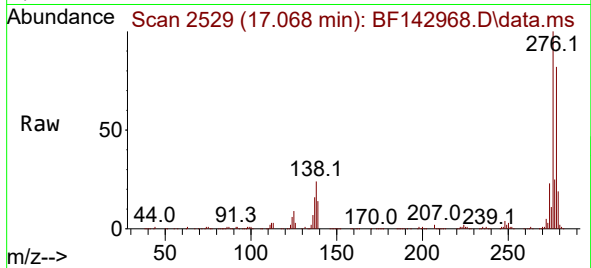




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.078 ng  
RT: 17.068 min Scan# 2129  
Delta R.T. 0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

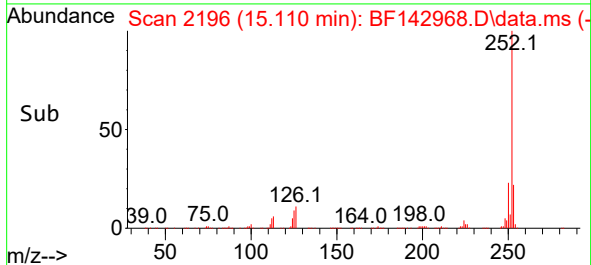
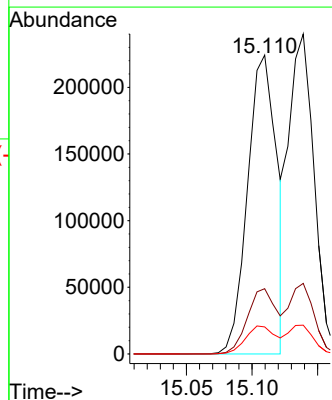
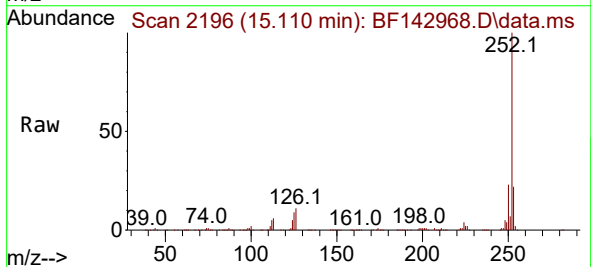
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

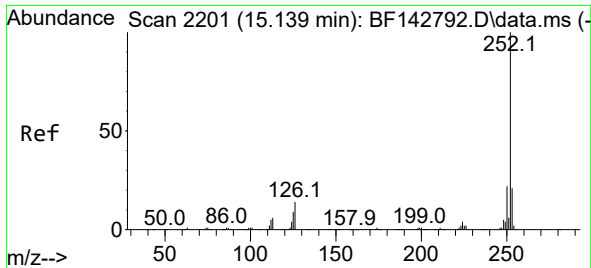
Tgt Ion:276 Resp: 401513  
Ion Ratio Lower Upper  
276 100  
138 24.3 20.2 30.4  
277 24.9 19.8 29.6



#88  
Benzo(b)fluoranthene  
Concen: 46.715 ng  
RT: 15.110 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

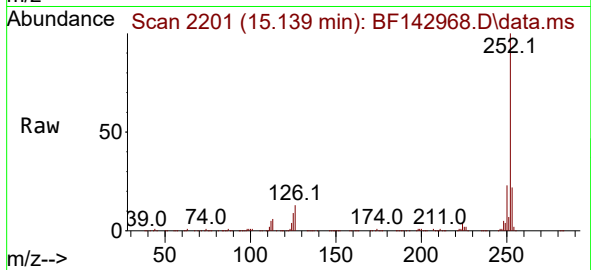
Tgt Ion:252 Resp: 346874  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 9.1 7.4 11.0



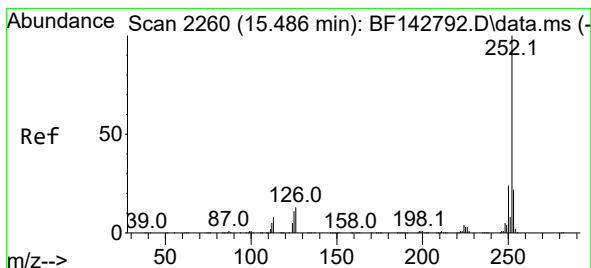
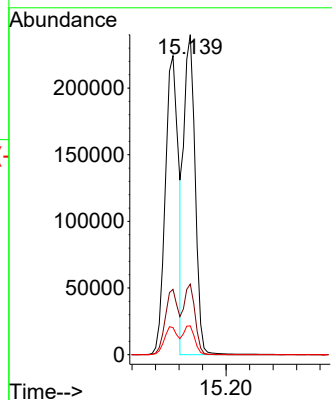
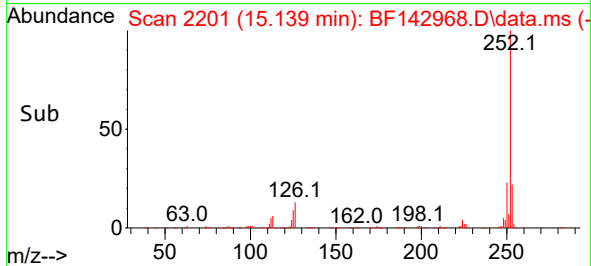


#89  
Benzo(k)fluoranthene  
Concen: 46.375 ng  
RT: 15.139 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

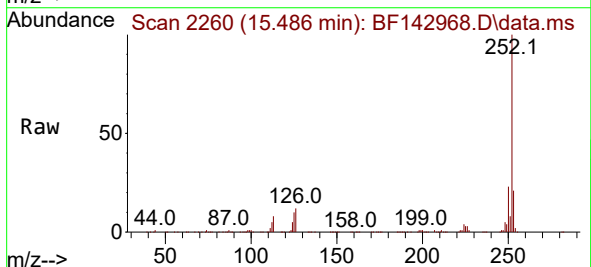
Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD



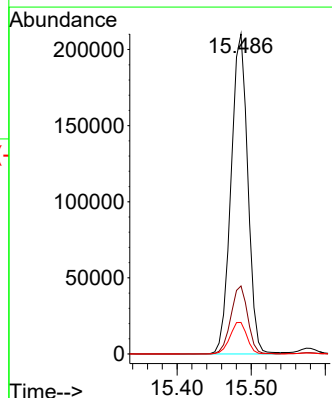
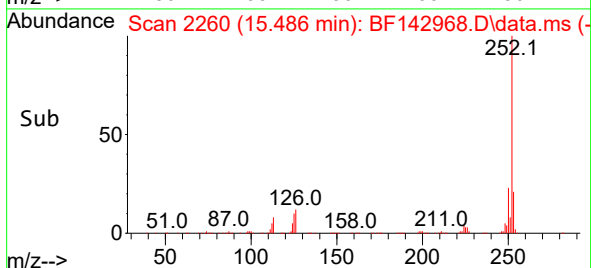
Tgt Ion:252 Resp: 322166  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.2 25.8  
125 9.0 7.4 11.2



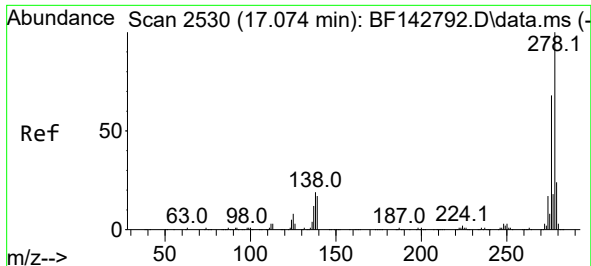
#90  
Benzo(a)pyrene  
Concen: 45.938 ng  
RT: 15.486 min Scan# 2260  
Delta R.T. 0.000 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47



Tgt Ion:252 Resp: 329537  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.5 26.3  
125 9.9 8.6 12.8



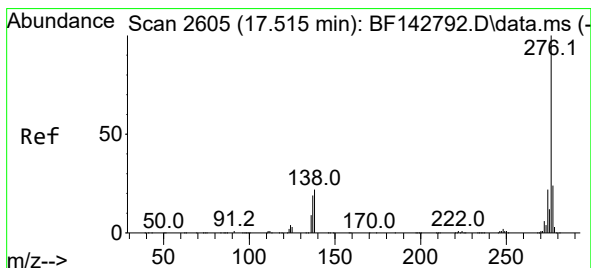
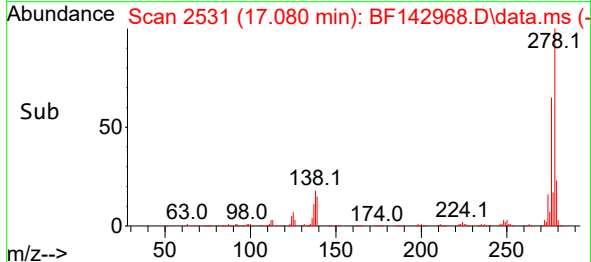
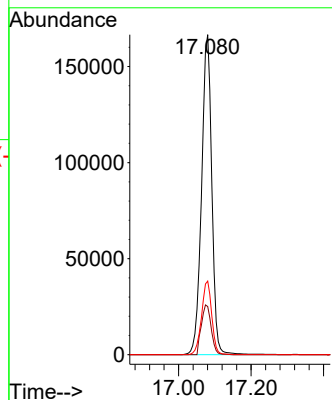
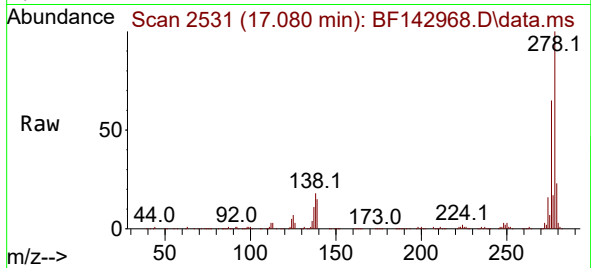




#91  
Dibenzo(a,h)anthracene  
Concen: 41.163 ng  
RT: 17.080 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Instrument :  
BNA\_F  
ClientSampleId :  
TP-5MSD

Tgt Ion:278 Resp: 326904  
Ion Ratio Lower Upper  
278 100  
139 15.1 13.5 20.3  
279 23.0 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 40.925 ng  
RT: 17.521 min Scan# 2606  
Delta R.T. 0.006 min  
Lab File: BF142968.D  
Acq: 02 Jul 2025 13:47

Tgt Ion:276 Resp: 324099  
Ion Ratio Lower Upper  
276 100  
277 23.0 18.8 28.2  
138 21.2 17.6 26.4

