

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101325\  
 Data File : BF143935.D  
 Acq On : 13 Oct 2025 16:33  
 Operator : RC/JU  
 Sample : Q3323-04MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SED-04-0-2MS

Quant Time: Oct 13 17:21:33 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 107554   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 415656   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 216450   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 333679   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 222422   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.551 | 264  | 297210   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 526920   | 77.797  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 628812   | 77.890  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 350641   | 51.252  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 148746   | 68.995  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 620021   | 45.452  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 479545   | 36.848  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.699  | 88   | 145623   | 46.463  | ng    | 97       |
| 3) Pyridine                   | 3.463  | 79   | 404088   | 44.288  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.410  | 42   | 230157   | 47.952  | ng    | 91       |
| 6) Aniline                    | 6.545  | 93   | 409288   | 33.833  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 315099   | 47.594  | ng    | 97       |
| 9) Benzaldehyde               | 6.434  | 77   | 184992   | 29.705  | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 463631   | 48.037  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 355331   | 47.659  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 367467   | 46.368  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 378849   | 48.463  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 365125   | 48.763  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 304593   | 50.356  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 828052   | 48.793  | ng    | 99       |
| 17) 2-Methylphenol            | 7.134  | 107  | 263304   | 48.123  | ng    | 98       |
| 18) Hexachloroethane          | 7.398  | 117  | 124956   | 47.930  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 245118   | 44.357  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 291732   | 46.004  | ng    | # 72     |
| 22) Acetophenone              | 7.292  | 105  | 444439   | 50.569  | ng    | 100      |
| 24) Nitrobenzene              | 7.463  | 77   | 371851   | 48.943  | ng    | 99       |
| 25) Isophorone                | 7.704  | 82   | 665853   | 46.157  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 176974   | 54.331  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 305284   | 52.101  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 429231   | 47.103  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 284646   | 46.637  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 290682   | 48.426  | ng    | 99       |
| 31) Naphthalene               | 8.186  | 128  | 876011   | 46.330  | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 219164   | 54.045  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 167106   | 23.565  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 192458   | 46.140  | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 92189    | 47.504  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 271057   | 46.233  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 513329   | 40.757  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 533256   | 43.649  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 309130   | 51.673  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 282083   | 113.659 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 206484   | 47.239  | ng    | 96       |

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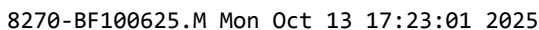
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SED-04-0-2MS

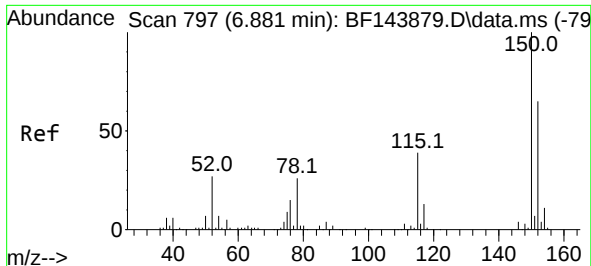
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 221976   | 48.055 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 742911   | 51.840 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 557020   | 46.618 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 198434   | 52.529 | ng    | 99       |
| 49) Acenaphthylene            | 9.786  | 152  | 879612   | 52.364 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 643868   | 46.842 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 143281   | 56.214 | ng    | 98       |
| 52) Acenaphthene              | 9.957  | 154  | 538662   | 48.938 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 104601   | 33.516 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 129631   | 82.239 | ng    | 93       |
| 55) Dibenzofuran              | 10.133 | 168  | 712474   | 45.855 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 212893   | 90.092 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 184940   | 53.327 | ng    | 100      |
| 58) Fluorene                  | 10.475 | 166  | 528307   | 45.061 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 158013   | 48.324 | ng    | 91       |
| 60) Diethylphthalate          | 10.345 | 149  | 588987   | 46.124 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 275581   | 44.459 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 141971   | 47.305 | ng    | 92       |
| 63) Azobenzene                | 10.627 | 77   | 673525   | 50.466 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 93633    | 55.840 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 535812   | 51.141 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 176200   | 47.781 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 199700   | 46.776 | ng    | 97       |
| 69) Atrazine                  | 11.116 | 200  | 163108   | 51.363 | ng    | 98       |
| 70) Pentachlorophenol         | 11.222 | 266  | 221671   | 90.406 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 762488   | 47.135 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 773184   | 47.311 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 670408   | 46.318 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 815746   | 48.629 | ng    | 99       |
| 75) Fluoranthene              | 12.633 | 202  | 748079   | 44.770 | ng    | 99       |
| 77) Benzidine                 | 12.757 | 184  | 311975   | 40.395 | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 774591   | 41.773 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 295803   | 49.119 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 752478   | 51.697 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 162011   | 36.524 | ng    | # 99     |
| 83) Chrysene                  | 14.092 | 228  | 652141   | 48.409 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 405514   | 55.860 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 781103   | 65.511 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.056 | 276  | 925104   | 50.798 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 755780   | 44.268 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 748875   | 47.404 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 753600   | 50.906 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.074 | 278  | 727986   | 49.703 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.515 | 276  | 735960   | 50.247 | ng    | 98       |

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

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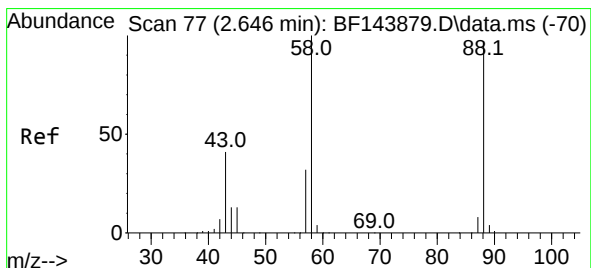
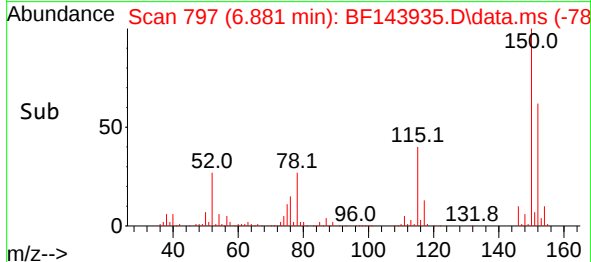
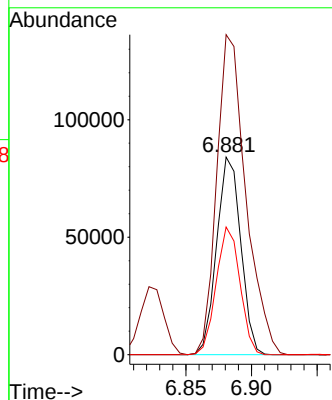
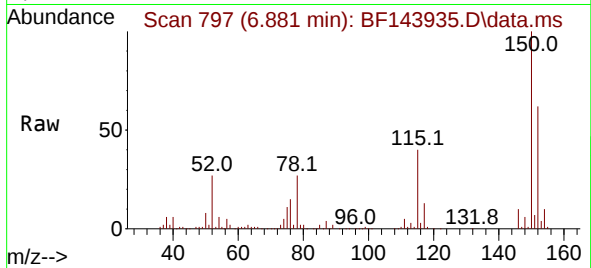




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF143935.D  
 Acq: 13 Oct 2025 16:33

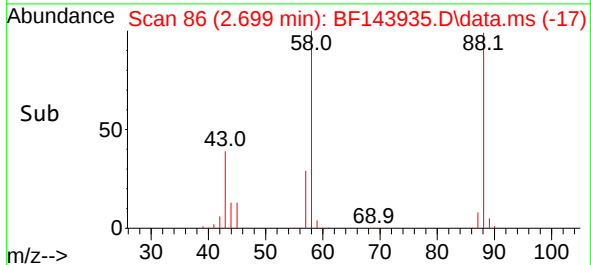
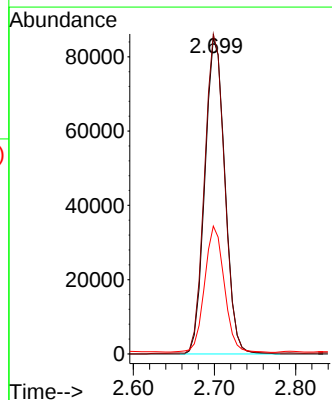
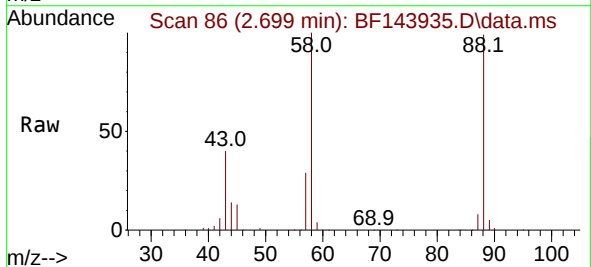
Instrument :  
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 SED-04-0-2MS

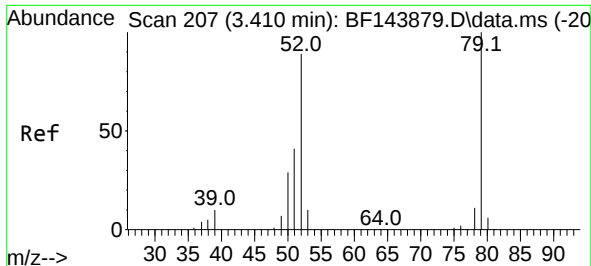
Tgt Ion:152 Resp: 107554  
 Ion Ratio Lower Upper  
 152 100  
 150 161.9 124.4 186.6  
 115 64.6 48.1 72.1



#2  
 1,4-Dioxane  
 Concen: 46.463 ng  
 RT: 2.699 min Scan# 86  
 Delta R.T. 0.053 min  
 Lab File: BF143935.D  
 Acq: 13 Oct 2025 16:33

Tgt Ion: 88 Resp: 145623  
 Ion Ratio Lower Upper  
 88 100  
 58 102.1 83.0 124.6  
 43 39.3 33.9 50.9





#3

Pyridine

Concen: 44.288 ng

RT: 3.463 min Scan# 216

Delta R.T. 0.047 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

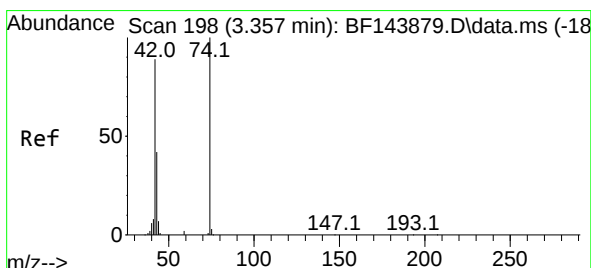
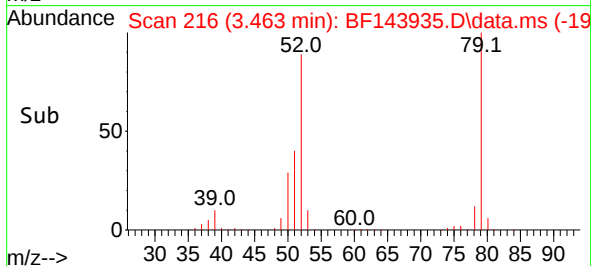
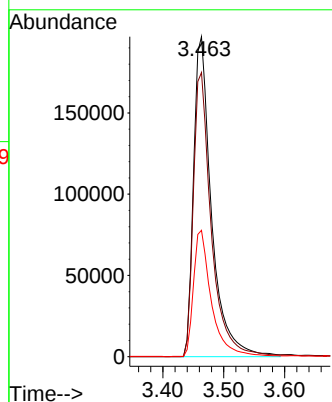
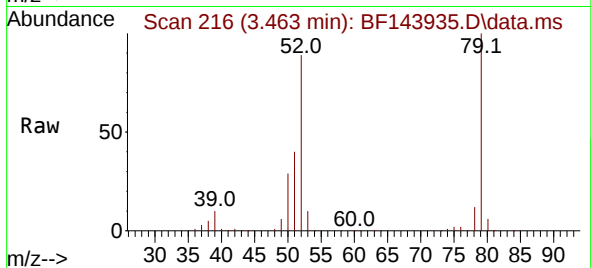
Tgt Ion: 79 Resp: 404088

Ion Ratio Lower Upper

79 100

52 88.8 71.5 107.3

51 39.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 47.952 ng

RT: 3.410 min Scan# 207

Delta R.T. 0.024 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

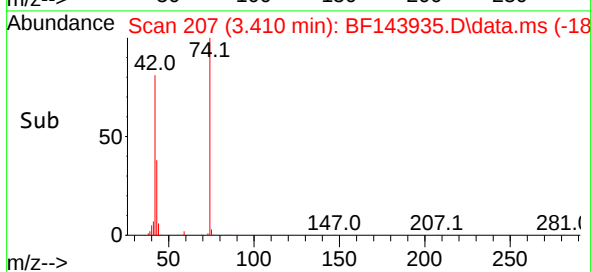
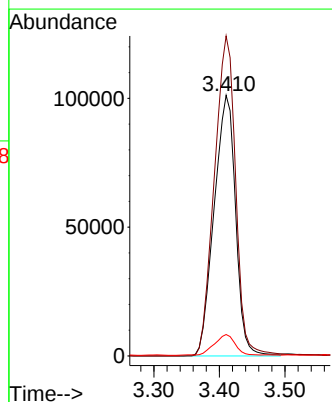
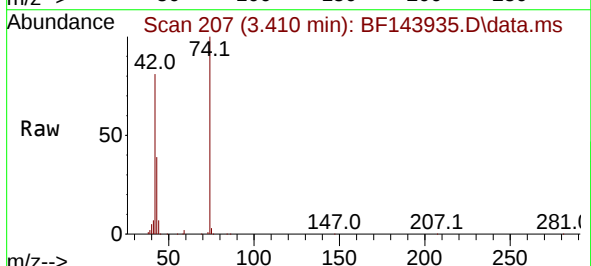
Tgt Ion: 42 Resp: 230157

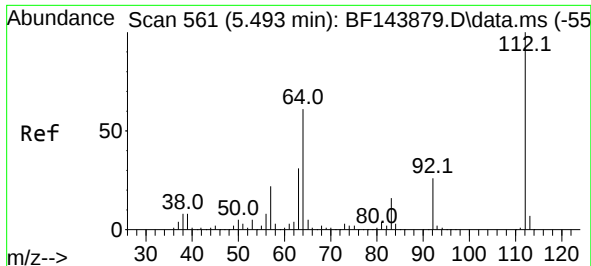
Ion Ratio Lower Upper

42 100

74 122.8 90.0 135.0

44 8.3 6.2 9.2

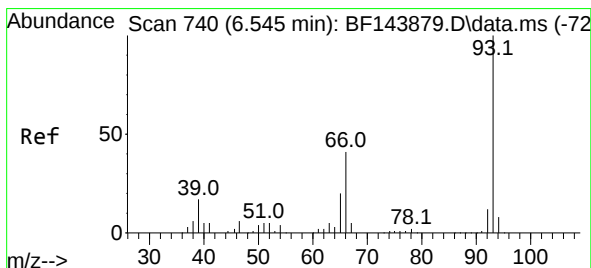
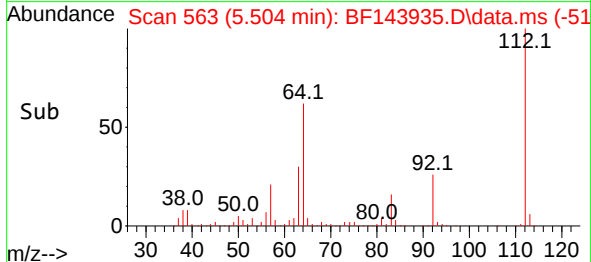
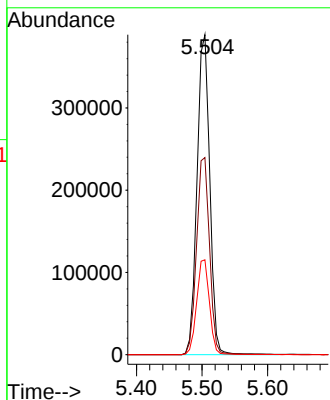
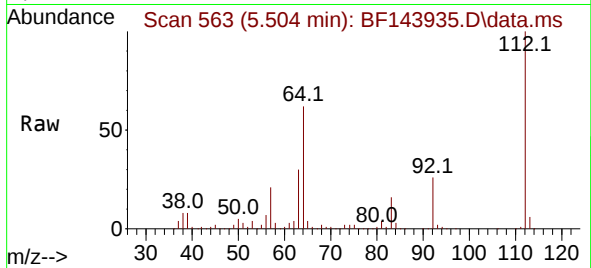




#5  
2-Fluorophenol  
Concen: 77.797 ng  
RT: 5.504 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

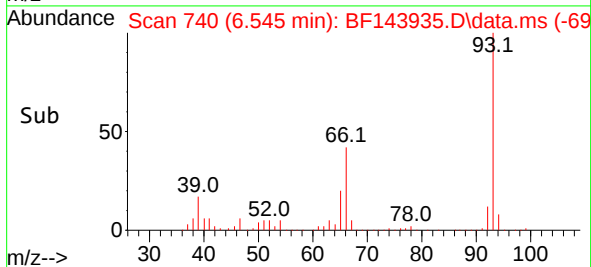
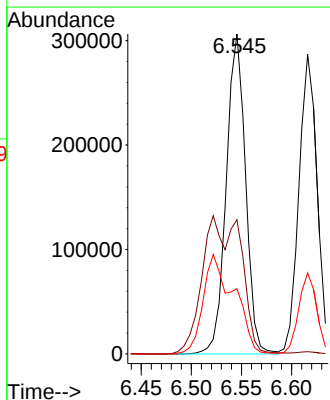
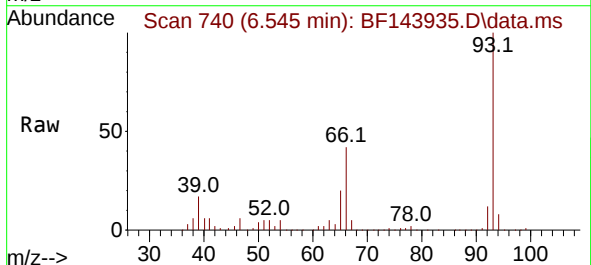
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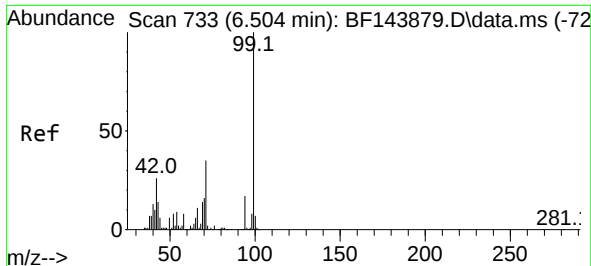
Tgt Ion:112 Resp: 526920  
Ion Ratio Lower Upper  
112 100  
64 61.6 49.1 73.7  
63 29.7 24.5 36.7



#6  
Aniline  
Concen: 33.833 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion: 93 Resp: 409288  
Ion Ratio Lower Upper  
93 100  
66 42.0 33.0 49.6  
65 20.4 15.8 23.8

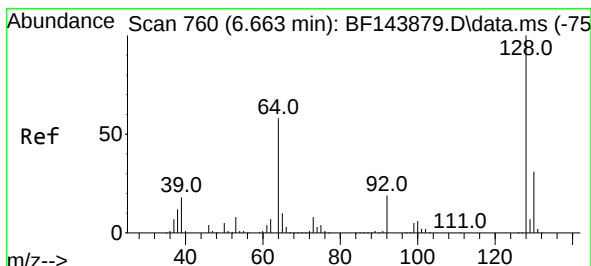
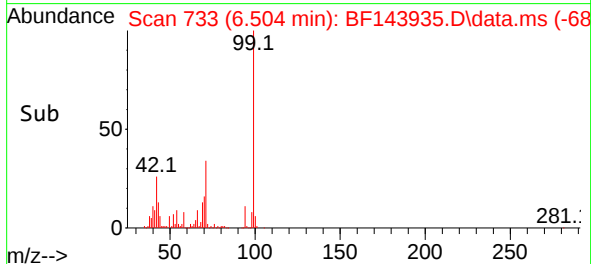
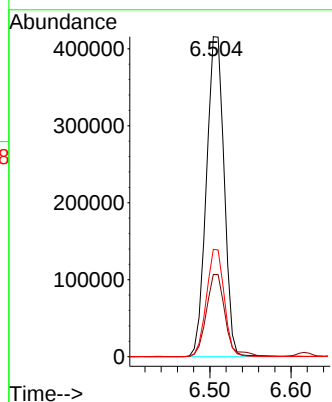
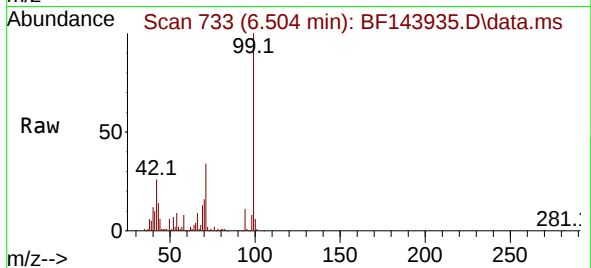




#7  
Phenol-d6  
Concen: 77.890 ng  
RT: 6.504 min Scan# 711  
Delta R.T. -0.012 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

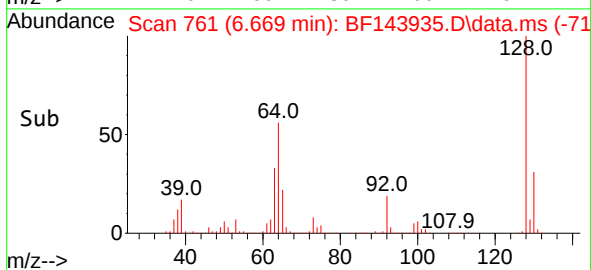
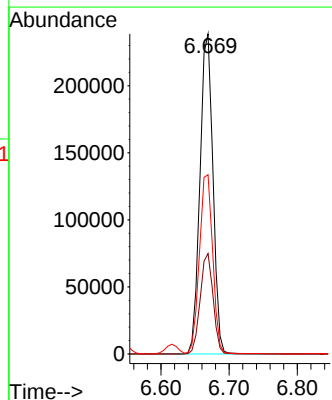
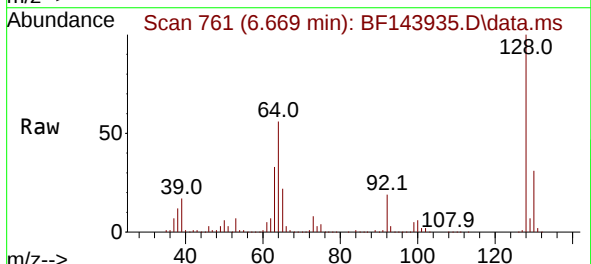
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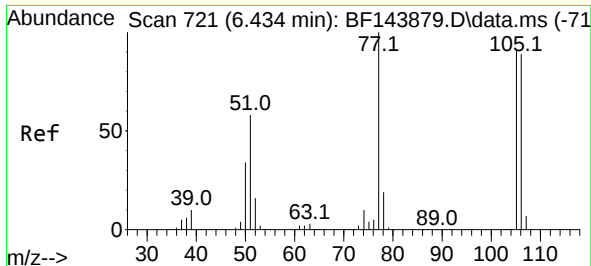
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Ion Ratio Lower Upper  
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42 25.7 21.0 31.4  
71 33.6 27.8 41.8



#8  
2-Chlorophenol  
Concen: 47.594 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:128 Resp: 315099  
Ion Ratio Lower Upper  
128 100  
130 31.4 10.7 50.7  
64 56.0 39.0 79.0





#9

Benzaldehyde

Concen: 29.705 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

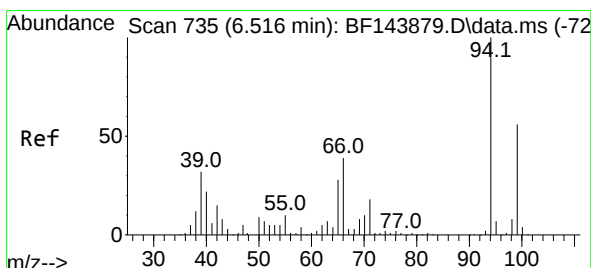
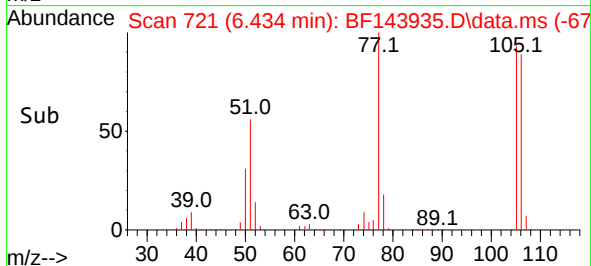
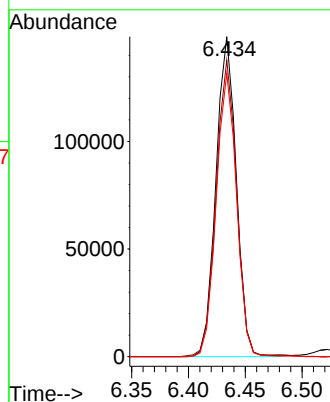
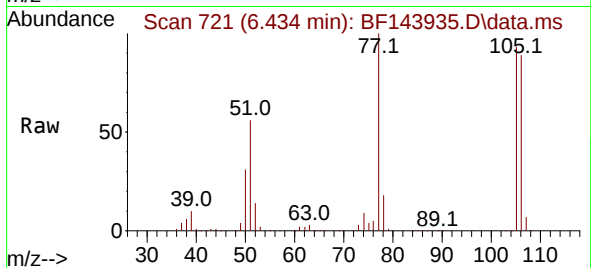
Tgt Ion: 77 Resp: 184992

Ion Ratio Lower Upper

77 100

105 92.7 70.9 110.9

106 88.5 68.9 108.9



#10

Phenol

Concen: 48.037 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

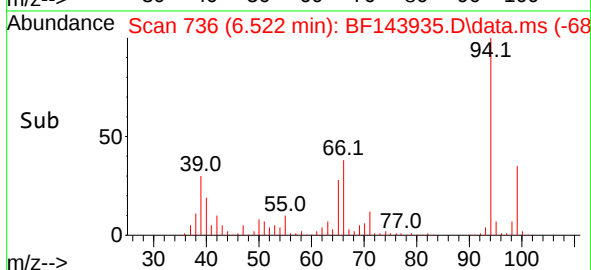
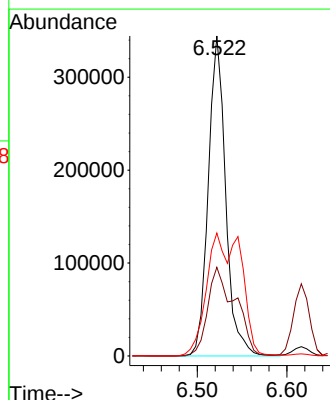
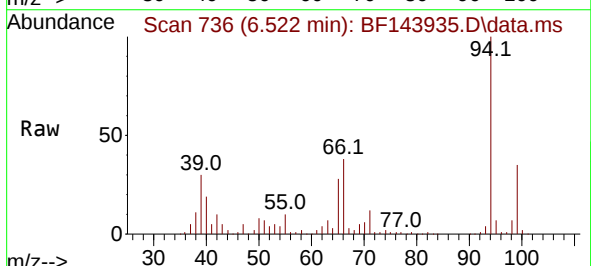
Tgt Ion: 94 Resp: 463631

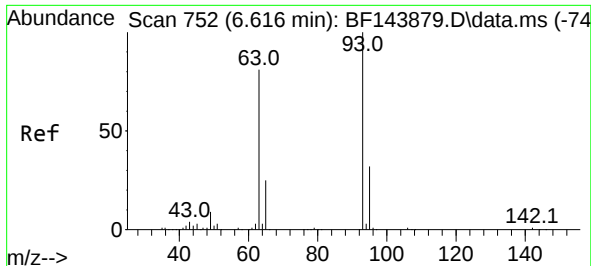
Ion Ratio Lower Upper

94 100

65 27.7 8.5 48.5

66 38.4 19.9 59.9

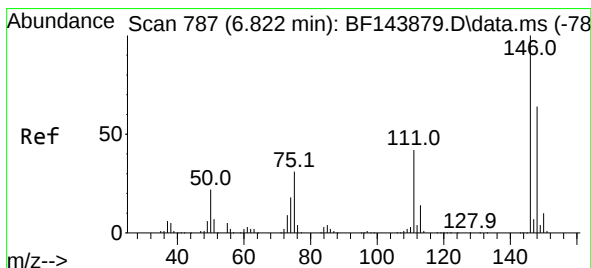
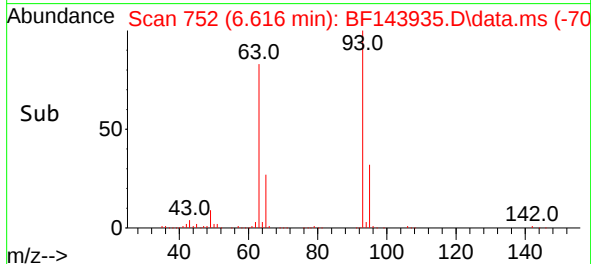
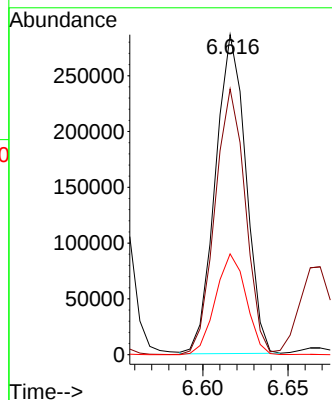
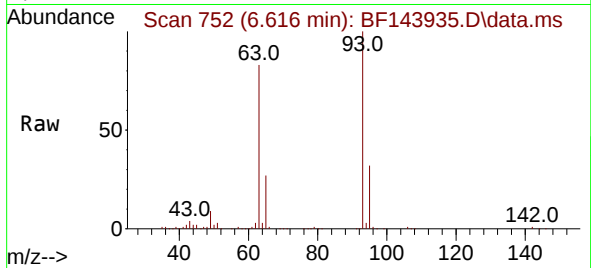




#11  
bis(2-Chloroethyl)ether  
Concen: 47.659 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

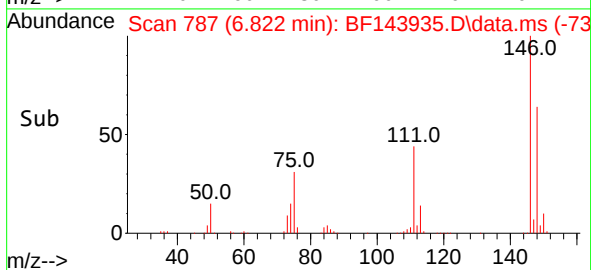
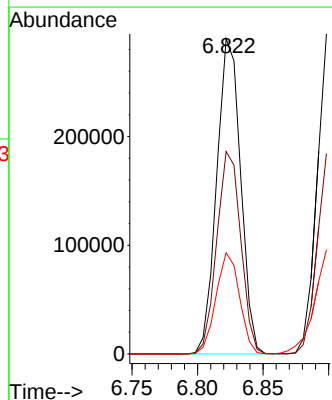
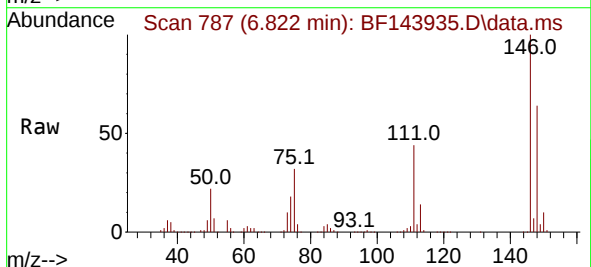
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

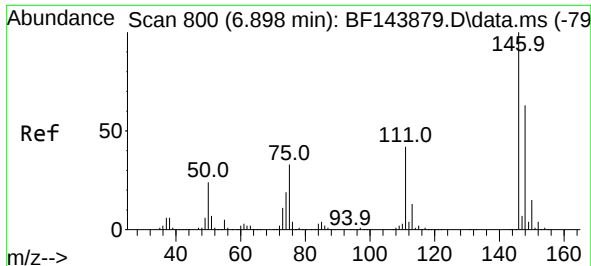
Tgt Ion: 93 Resp: 355331  
Ion Ratio Lower Upper  
93 100  
63 83.0 60.9 100.9  
95 31.5 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 46.368 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:146 Resp: 367467  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.0 76.4  
75 32.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 48.463 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

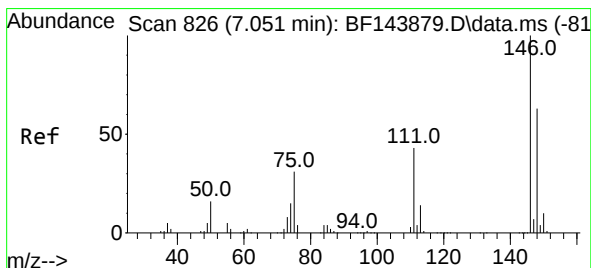
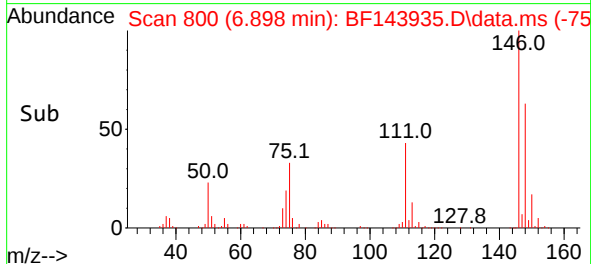
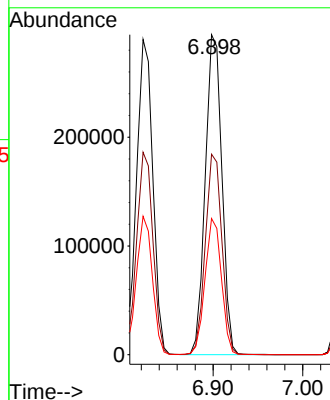
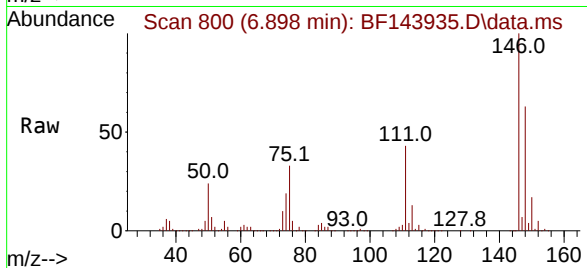
Tgt Ion:146 Resp: 378849

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

111 42.6 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 48.763 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

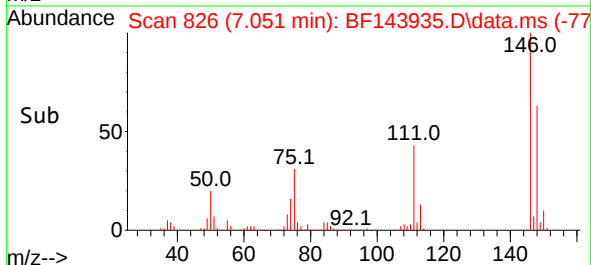
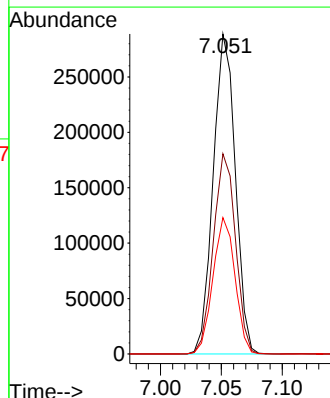
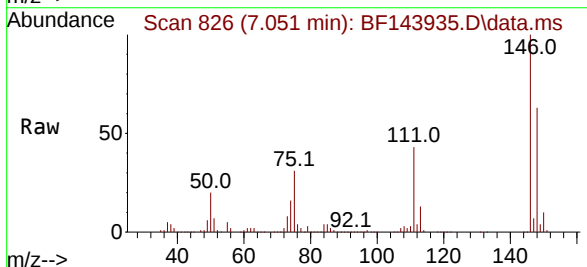
Tgt Ion:146 Resp: 365125

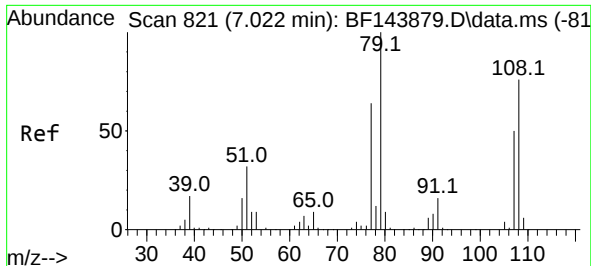
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

111 42.6 34.6 51.8



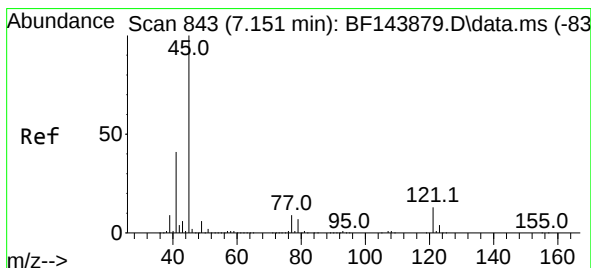
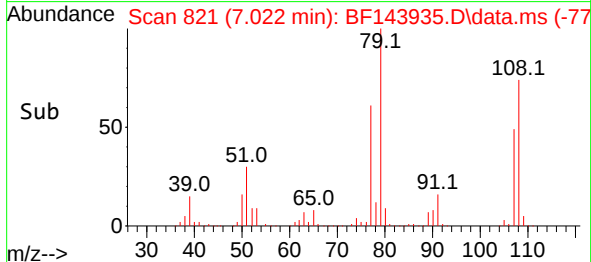
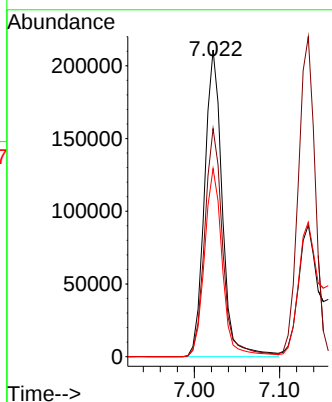
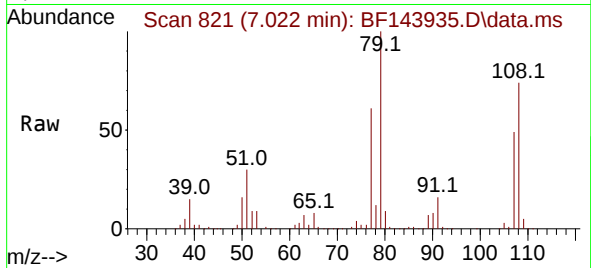


#15  
Benzyl Alcohol  
Concen: 50.356 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

Tgt Ion: 79 Resp: 304593

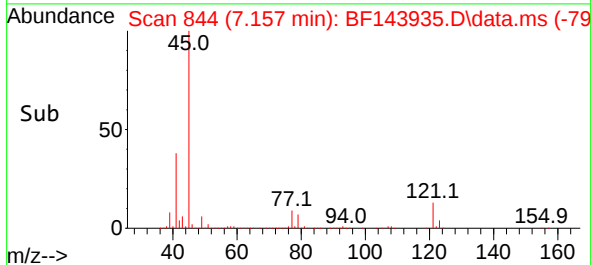
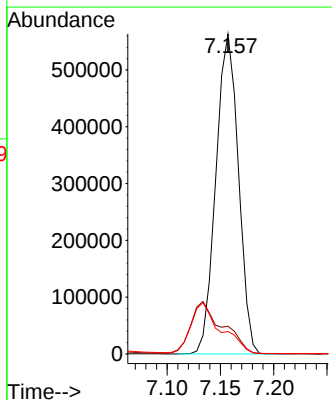
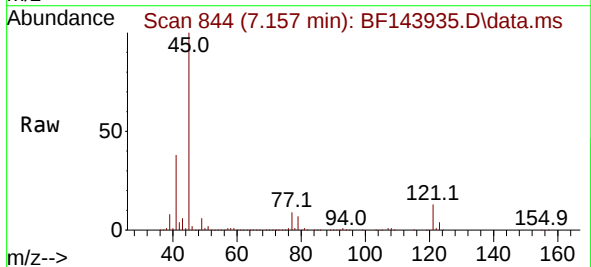
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 74.4  | 60.8  | 91.2  |
| 77  | 61.3  | 51.0  | 76.6  |

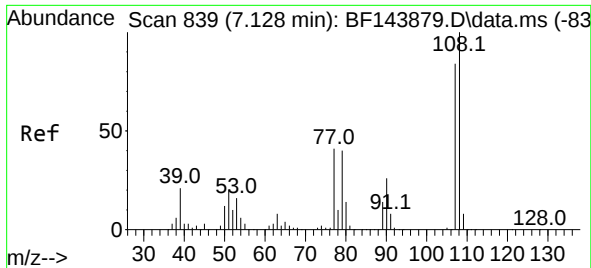


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.793 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion: 45 Resp: 828052

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 8.7   | 0.0   | 29.0  |
| 79  | 7.0   | 0.0   | 26.8  |

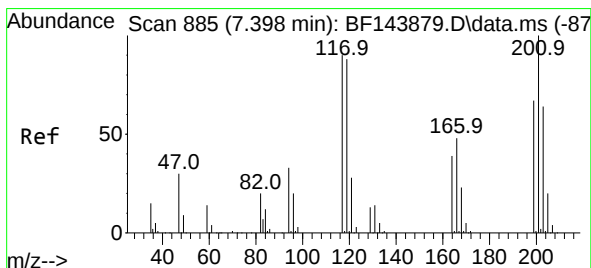
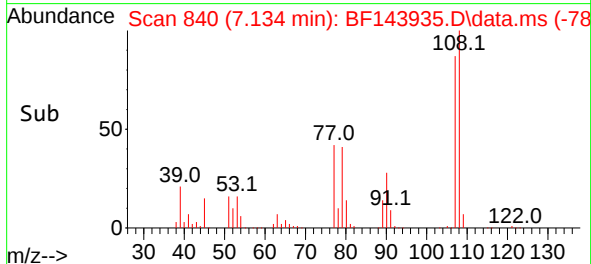
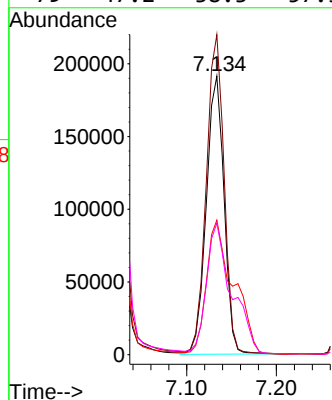
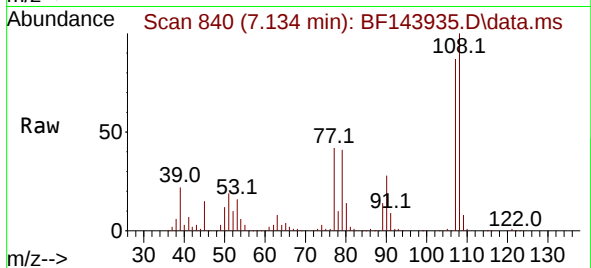




#17  
2-Methylphenol  
Concen: 48.123 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

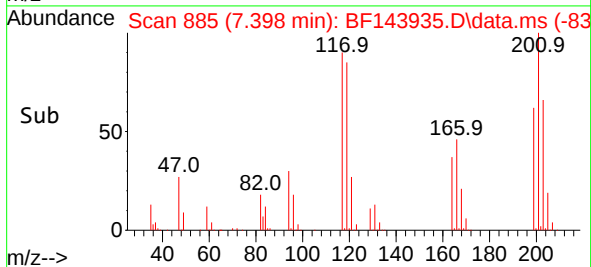
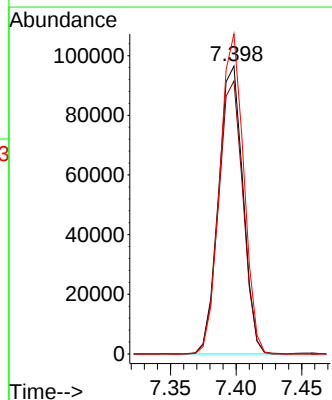
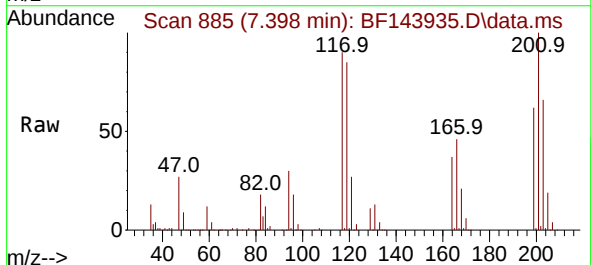
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

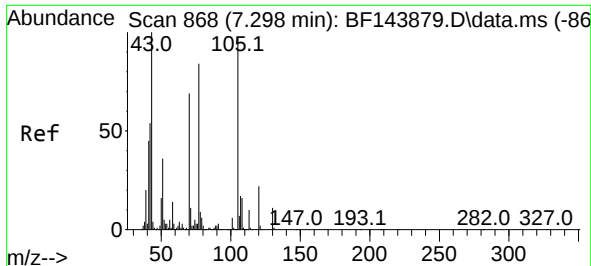
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 263304 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.9 | 94.7  | 142.1  |
| 77       | 48.3  | 38.8  | 58.2   |
| 79       | 47.2  | 38.3  | 57.5   |



#18  
Hexachloroethane  
Concen: 47.930 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 124956 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.9  | 77.8  | 116.8  |
| 201      | 111.2 | 88.5  | 132.7  |

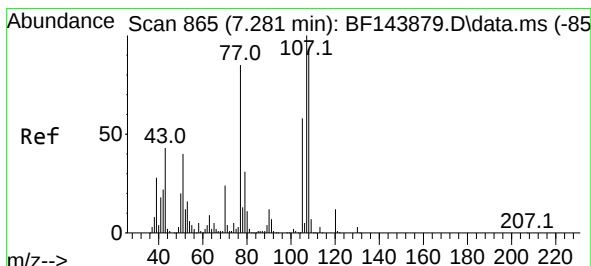
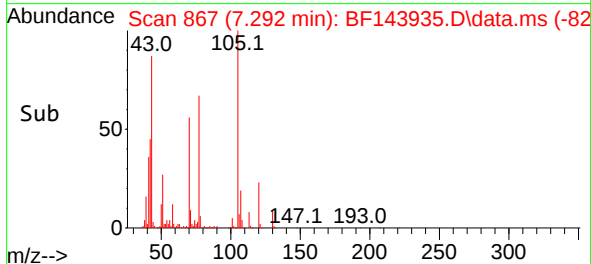
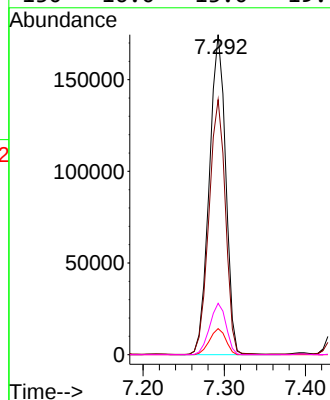
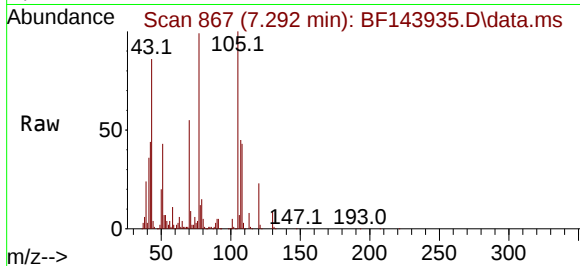




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.357 ng  
RT: 7.292 min Scan# 867  
Delta R.T. -0.023 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

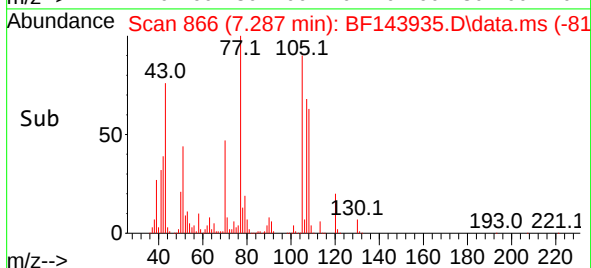
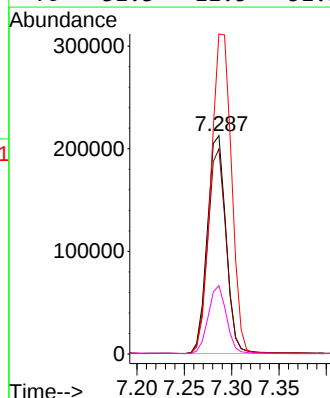
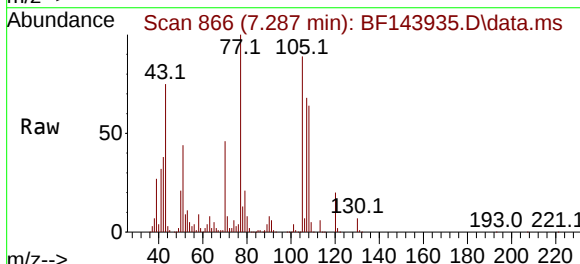
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

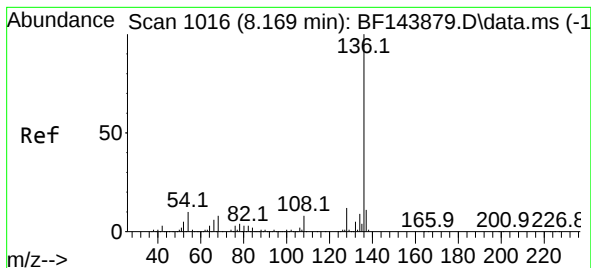
Tgt Ion: 70 Resp: 245118  
Ion Ratio Lower Upper  
70 100  
42 79.7 62.8 94.2  
101 8.1 6.7 10.1  
130 16.0 13.0 19.4



#20  
3+4-Methylphenols  
Concen: 46.004 ng  
RT: 7.287 min Scan# 866  
Delta R.T. -0.012 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion: 107 Resp: 291732  
Ion Ratio Lower Upper  
107 100  
108 94.0 73.0 113.0  
77 146.6 64.6 104.6#  
79 31.3 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

Tgt Ion:136 Resp: 415656

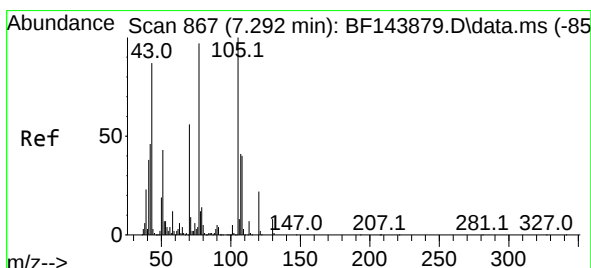
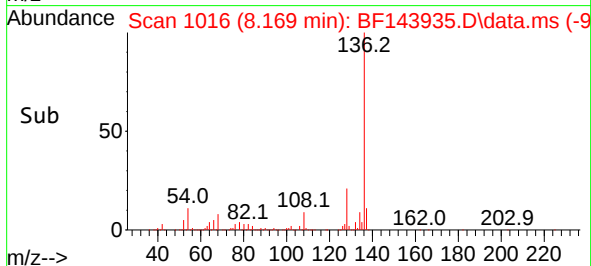
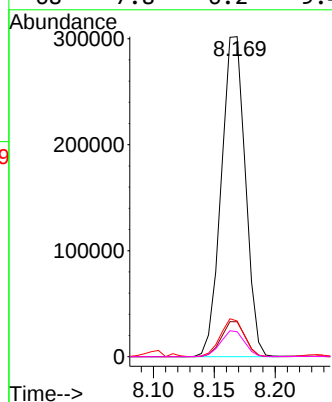
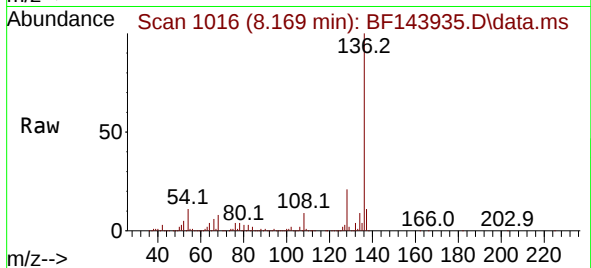
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.1 8.2 12.4

68 7.8 6.2 9.4



#22

Acetophenone

Concen: 50.569 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Tgt Ion:105 Resp: 444439

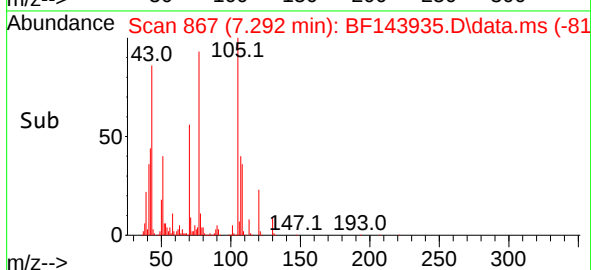
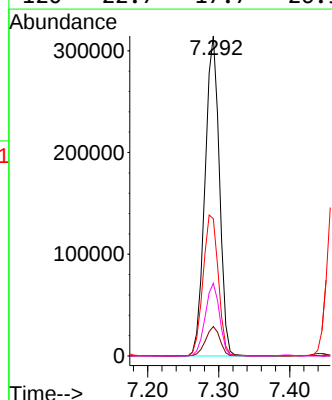
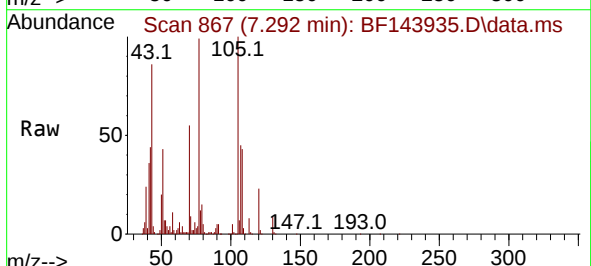
Ion Ratio Lower Upper

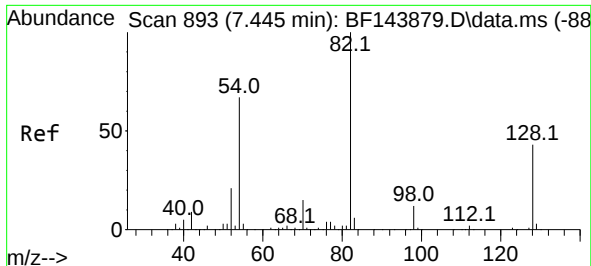
105 100

71 9.2 7.4 11.0

51 42.9 34.2 51.4

120 22.7 17.7 26.5

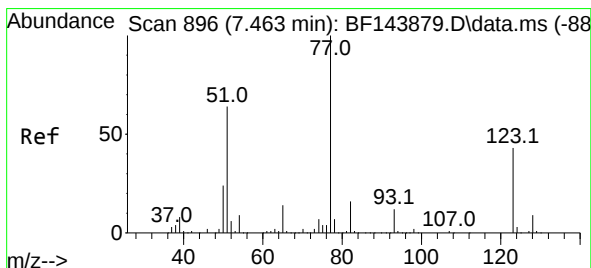
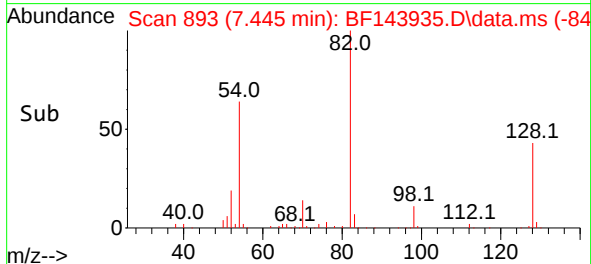
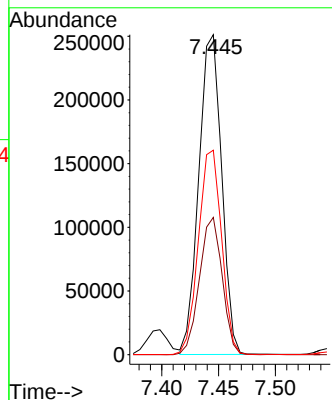
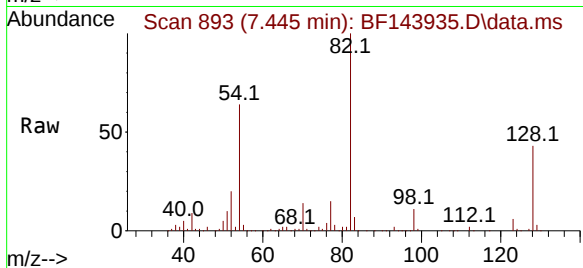




#23  
Nitrobenzene-d5  
Concen: 51.252 ng  
RT: 7.445 min Scan# 893  
Delta R.T. -0.012 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

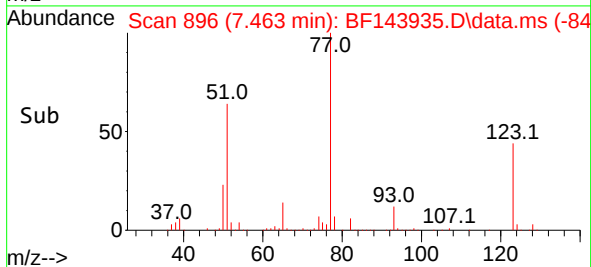
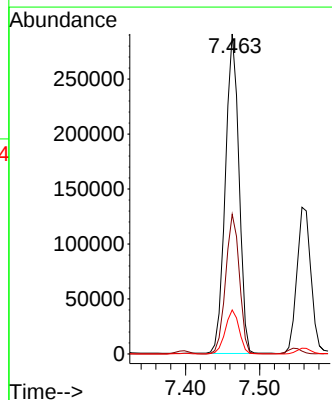
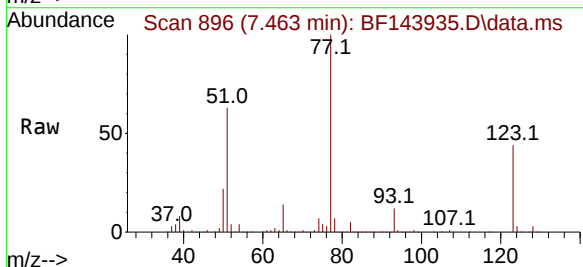
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

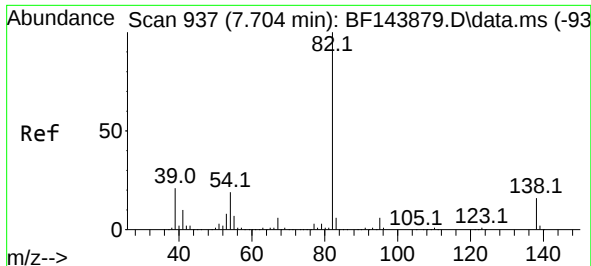
Tgt Ion: 82 Resp: 350641  
Ion Ratio Lower Upper  
82 100  
128 42.9 34.0 51.0  
54 63.9 53.2 79.8



#24  
Nitrobenzene  
Concen: 48.943 ng  
RT: 7.463 min Scan# 896  
Delta R.T. -0.012 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion: 77 Resp: 371851  
Ion Ratio Lower Upper  
77 100  
123 43.7 34.2 51.4  
65 13.8 11.0 16.6

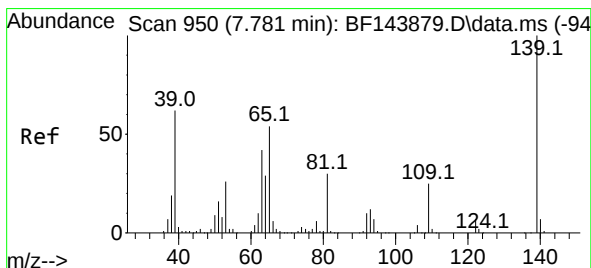
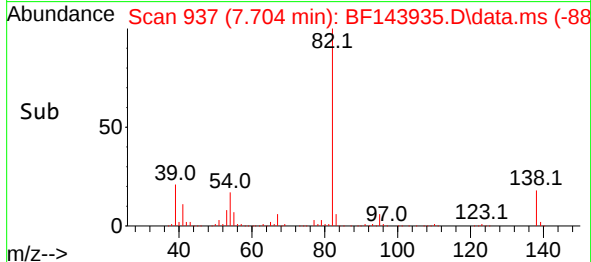
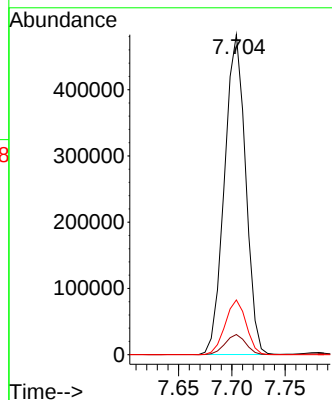
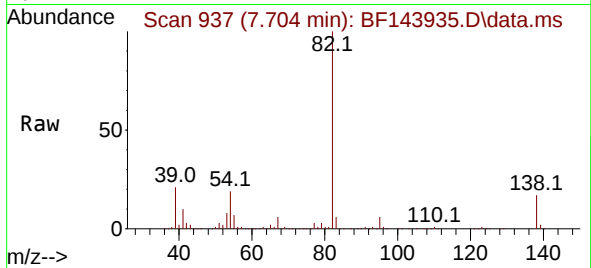




#25  
Isophorone  
Concen: 46.157 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

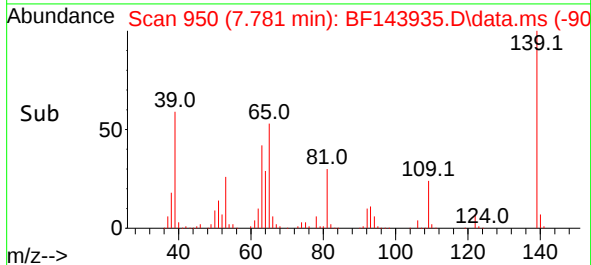
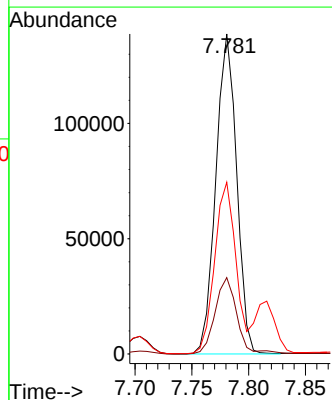
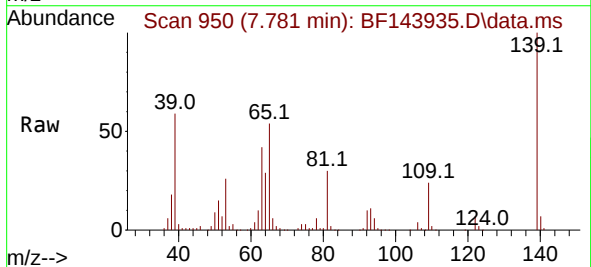
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

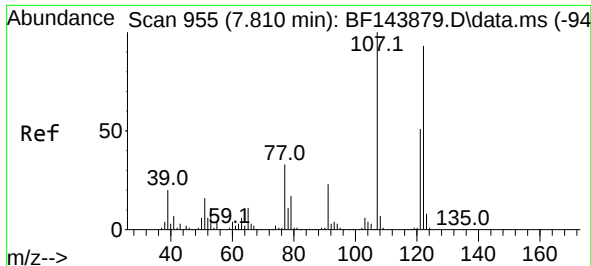
Tgt Ion: 82 Resp: 665853  
Ion Ratio Lower Upper  
82 100  
95 6.3 5.1 7.7  
138 17.1 12.9 19.3



#26  
2-Nitrophenol  
Concen: 54.331 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:139 Resp: 176974  
Ion Ratio Lower Upper  
139 100  
109 23.8 19.8 29.6  
65 53.7 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 52.101 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

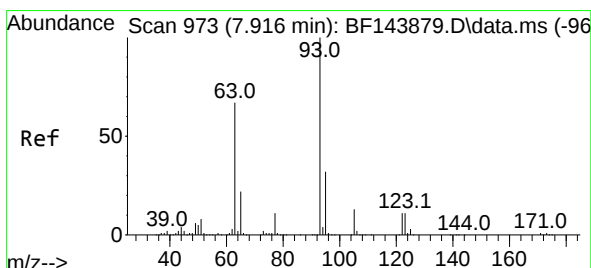
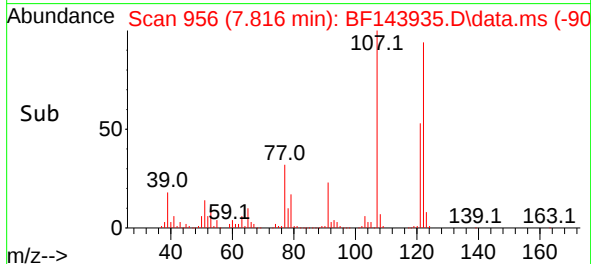
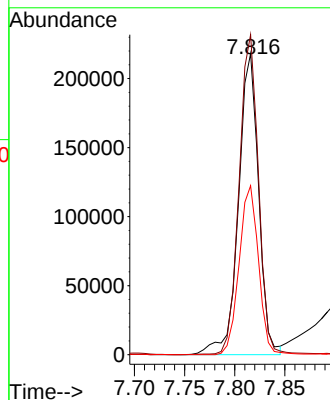
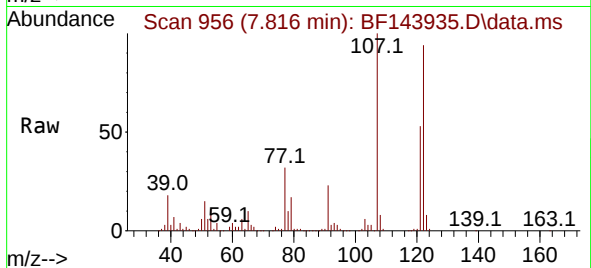
Tgt Ion:122 Resp: 305284

Ion Ratio Lower Upper

122 100

107 106.3 86.1 129.1

121 56.1 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.103 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

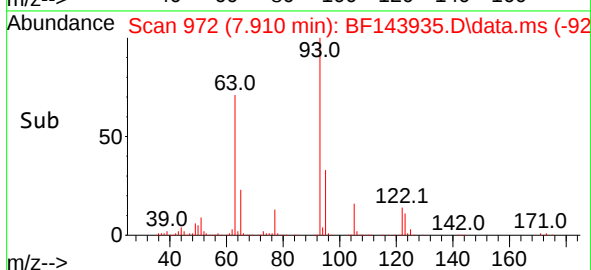
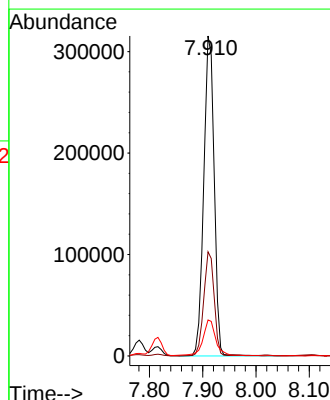
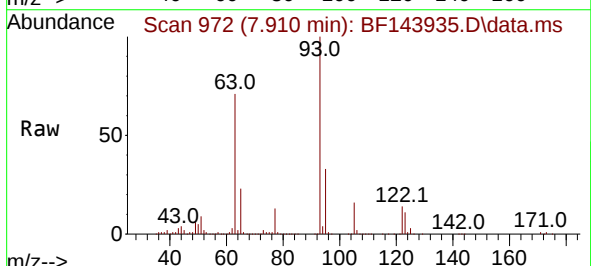
Tgt Ion: 93 Resp: 429231

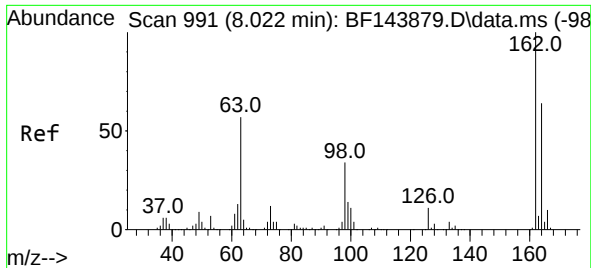
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.637 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143935.D

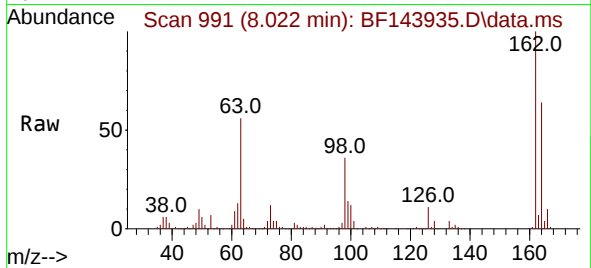
Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS



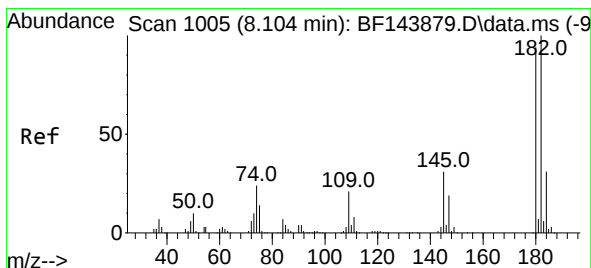
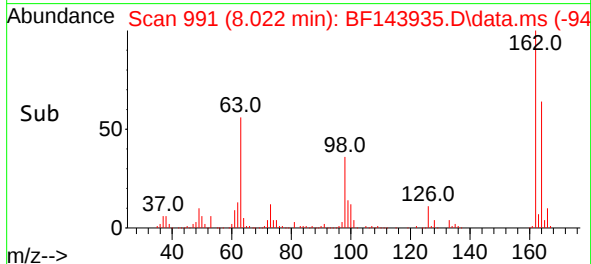
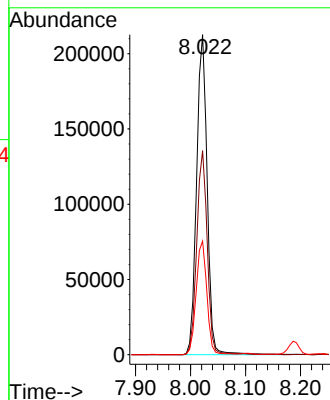
Tgt Ion:162 Resp: 284646

Ion Ratio Lower Upper

162 100

164 63.7 43.9 83.9

98 35.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 48.426 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

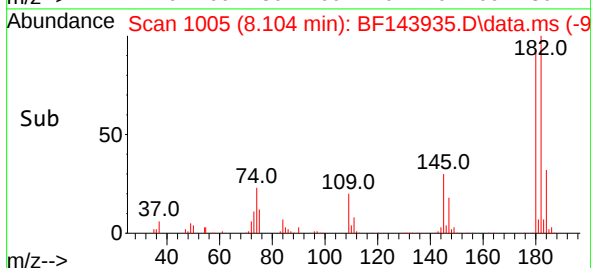
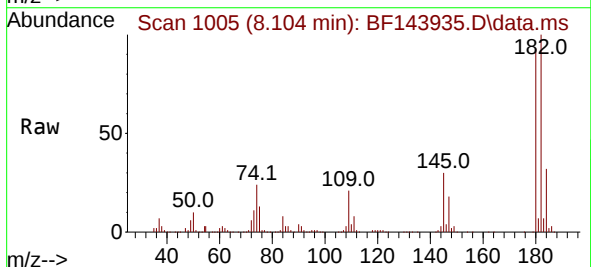
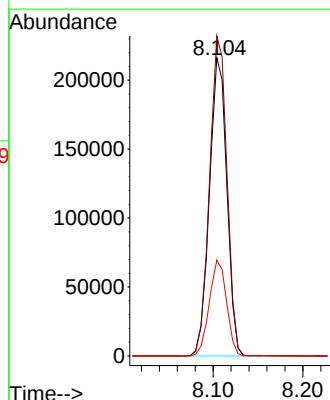
Tgt Ion:180 Resp: 290682

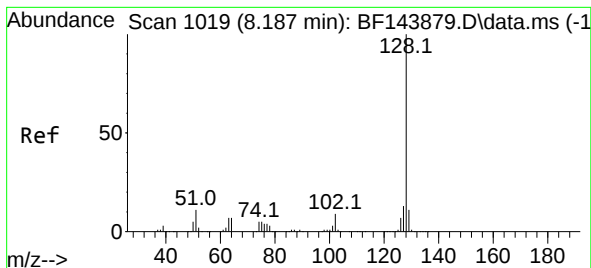
Ion Ratio Lower Upper

180 100

182 107.3 85.4 128.0

145 32.2 26.3 39.5





#31

Naphthalene

Concen: 46.330 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

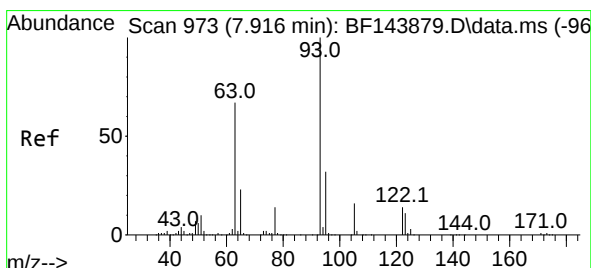
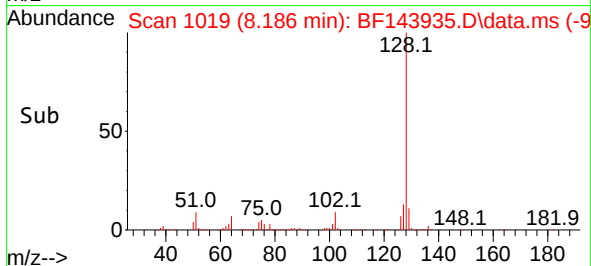
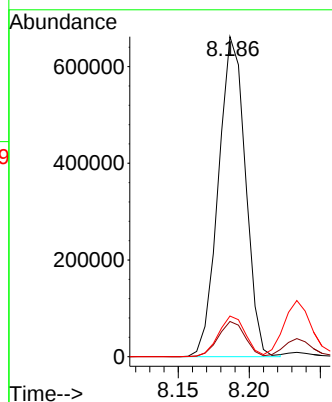
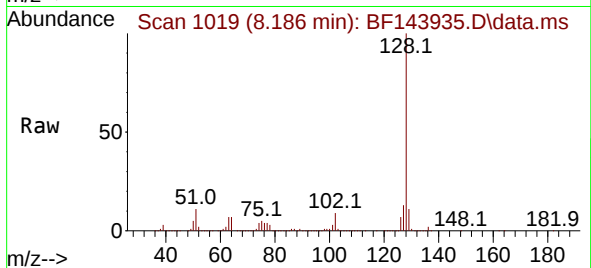
Tgt Ion:128 Resp: 876011

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.7 10.0 15.0



#32

Benzoic acid

Concen: 54.045 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.035 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

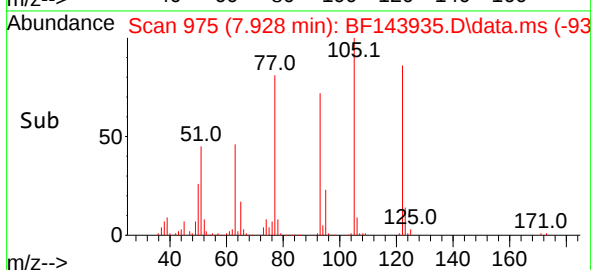
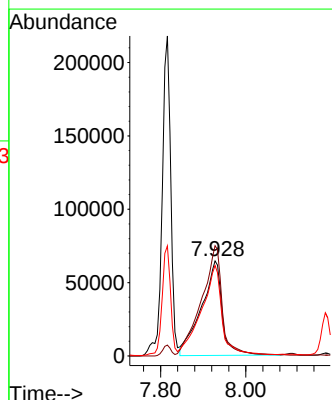
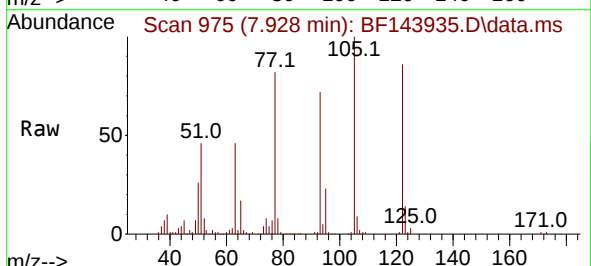
Tgt Ion:122 Resp: 219164

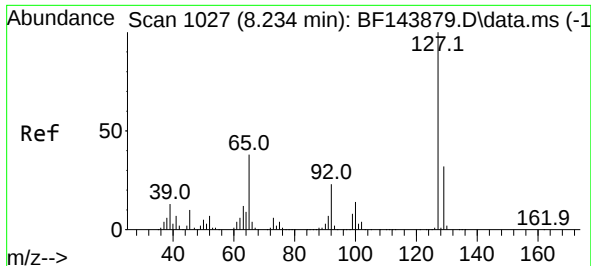
Ion Ratio Lower Upper

122 100

105 116.1 93.5 133.5

77 95.1 76.3 116.3

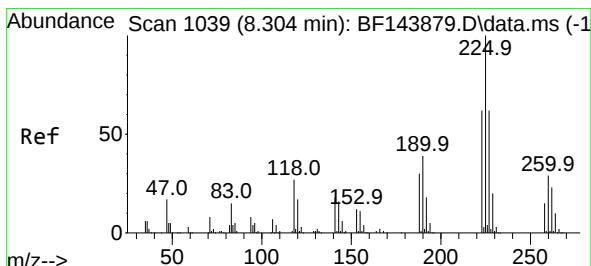
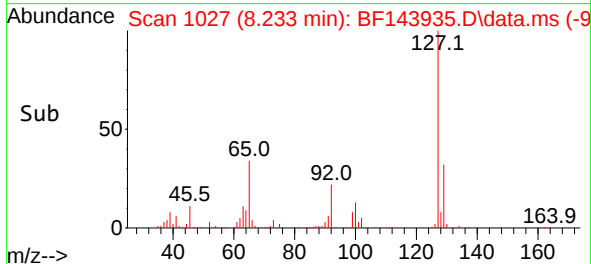
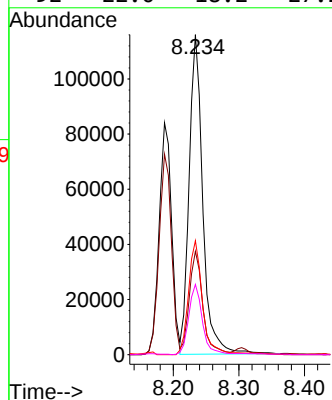
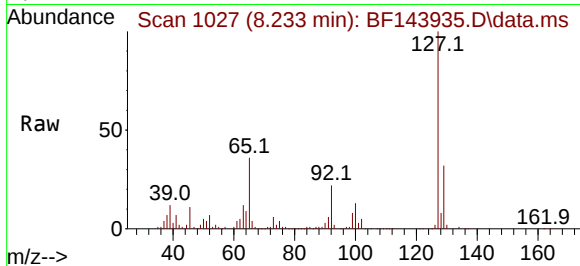




#33  
4-Chloroaniline  
Concen: 23.565 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

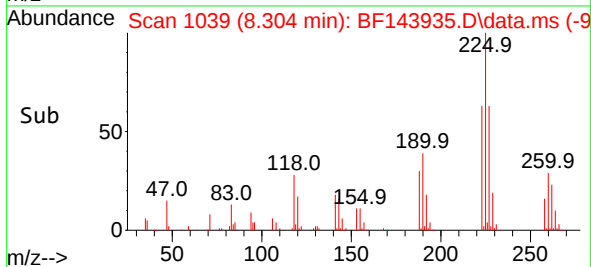
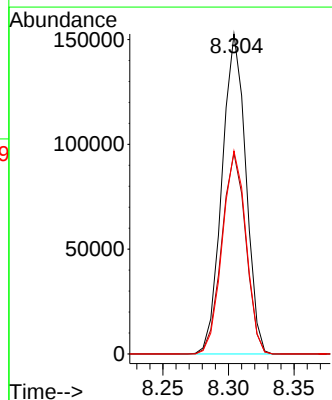
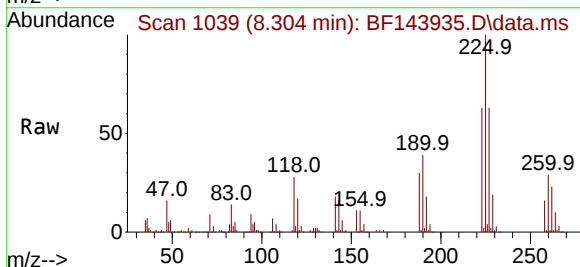
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

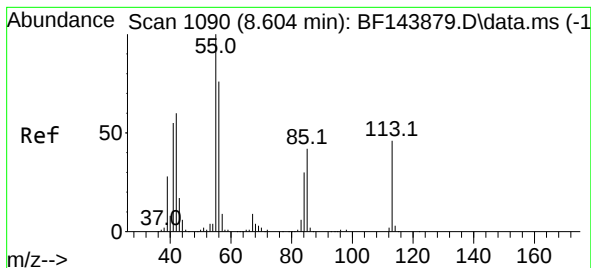
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 167106 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.3  | 25.8  | 38.8   |
| 65        | 35.6  | 30.0  | 45.0   |
| 92        | 22.0  | 18.2  | 27.2   |



#34  
Hexachlorobutadiene  
Concen: 46.140 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 192458 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.7  | 49.4  | 74.2   |
| 227       | 63.5  | 49.7  | 74.5   |





#35

Caprolactam

Concen: 47.504 ng

RT: 8.604 min Scan# 1109

Delta R.T. -0.041 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

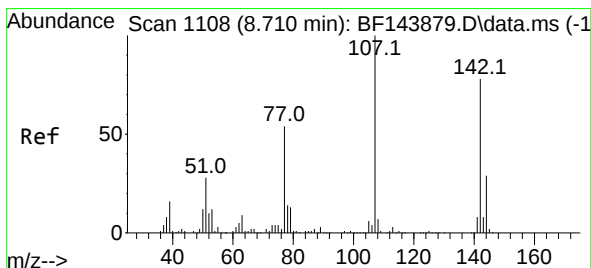
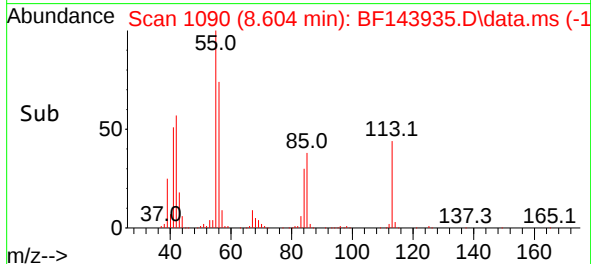
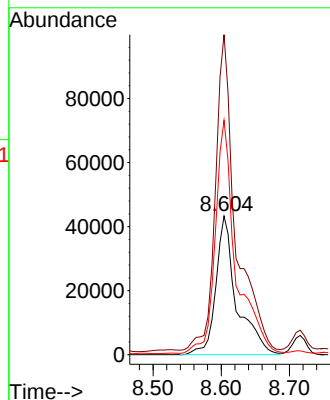
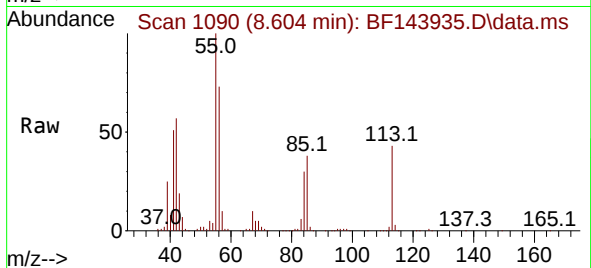
Tgt Ion:113 Resp: 92189

Ion Ratio Lower Upper

113 100

55 230.8 199.6 239.6

56 169.1 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 46.233 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

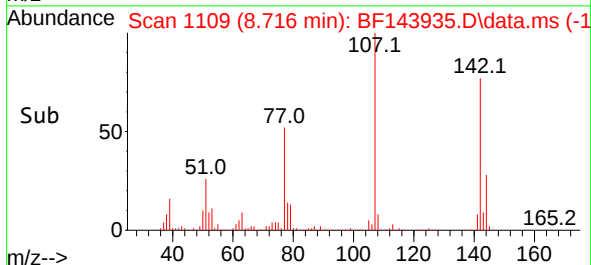
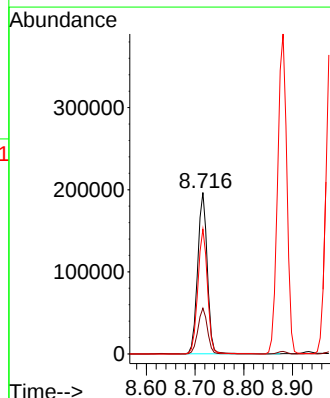
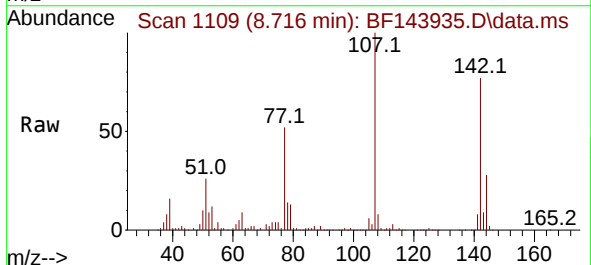
Tgt Ion:107 Resp: 271057

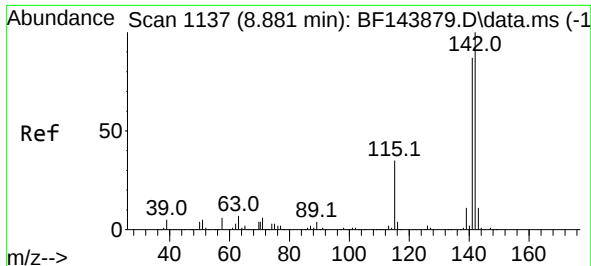
Ion Ratio Lower Upper

107 100

144 28.3 23.1 34.7

142 77.3 62.6 94.0

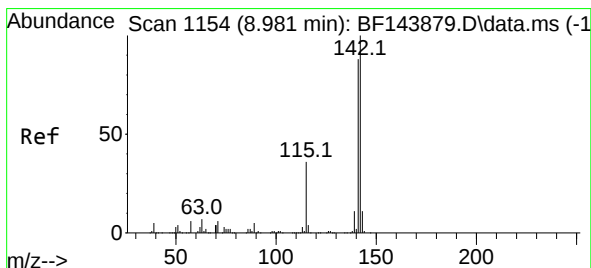
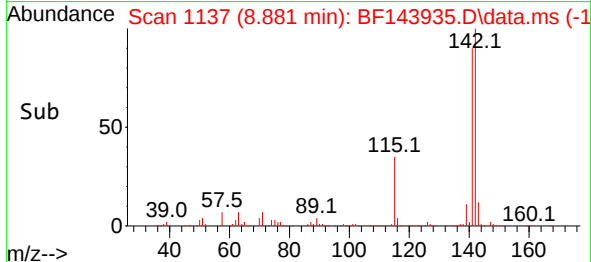
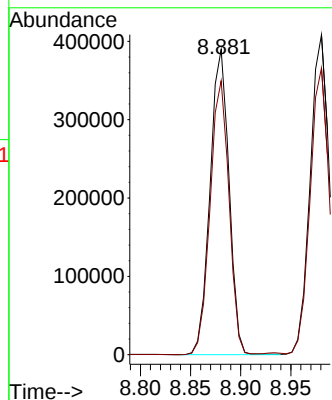
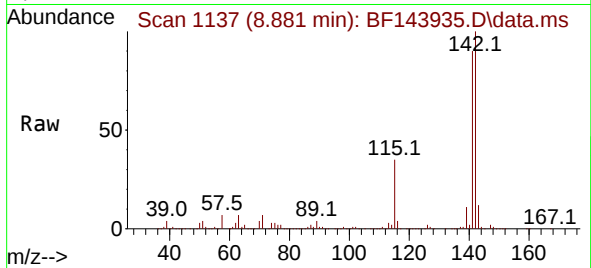




#37  
2-Methylnaphthalene  
Concen: 40.757 ng  
RT: 8.881 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

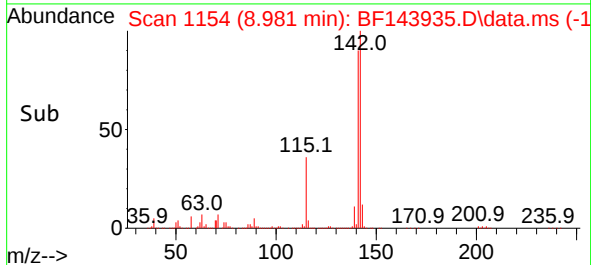
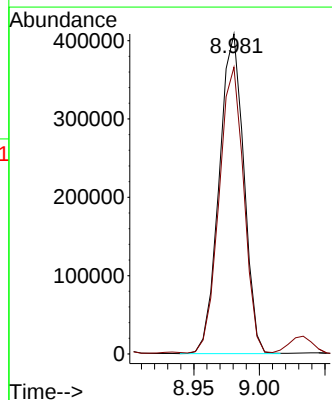
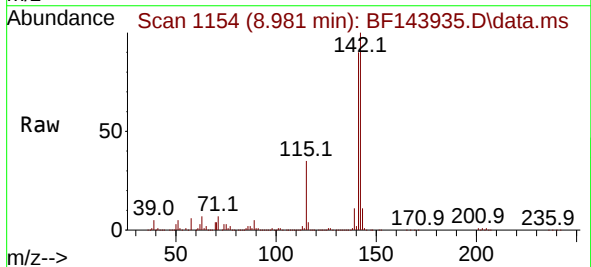
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

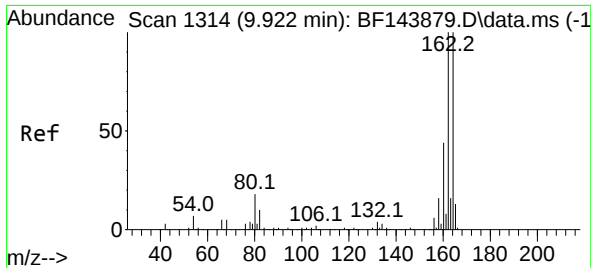
Tgt Ion:142 Resp: 513329  
Ion Ratio Lower Upper  
142 100  
141 89.7 69.2 103.8



#38  
1-Methylnaphthalene  
Concen: 43.649 ng  
RT: 8.981 min Scan# 1154  
Delta R.T. -0.005 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

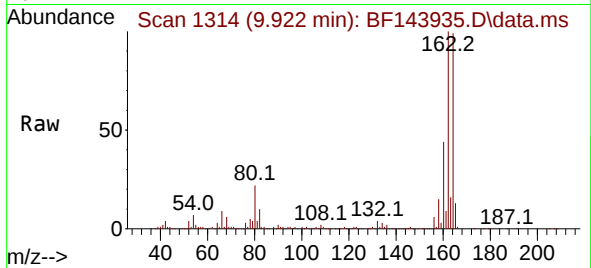
Tgt Ion:142 Resp: 533256  
Ion Ratio Lower Upper  
142 100  
141 89.6 70.8 106.2



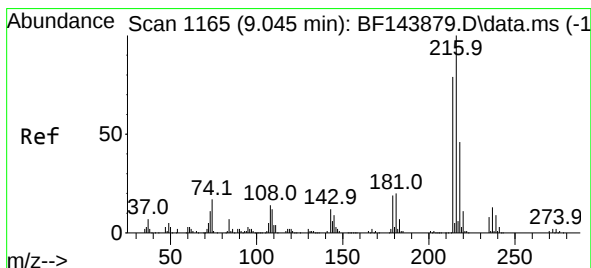
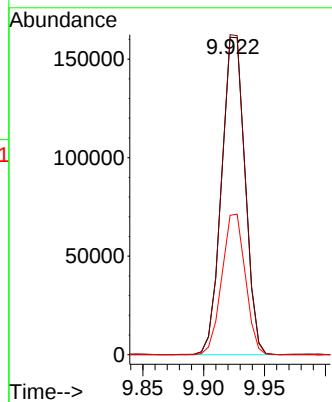
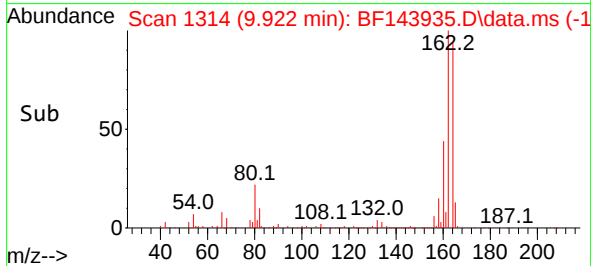


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1165  
Delta R.T. -0.005 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

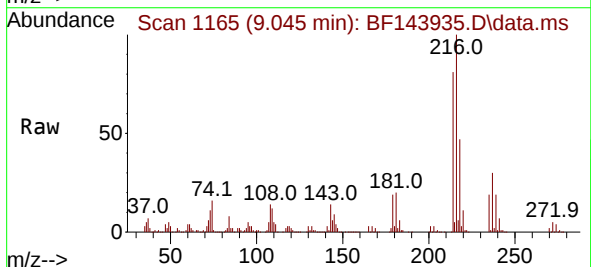
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS



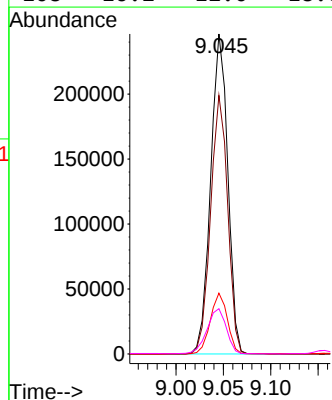
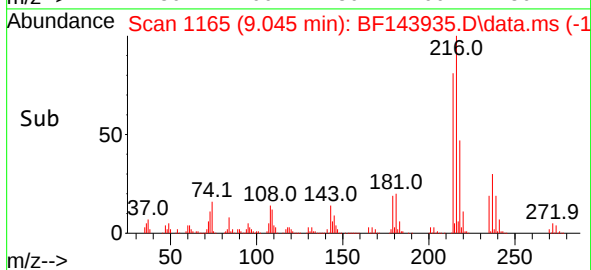
Tgt Ion:164 Resp: 216450  
Ion Ratio Lower Upper  
164 100  
162 100.8 80.2 120.2  
160 43.9 35.4 53.0

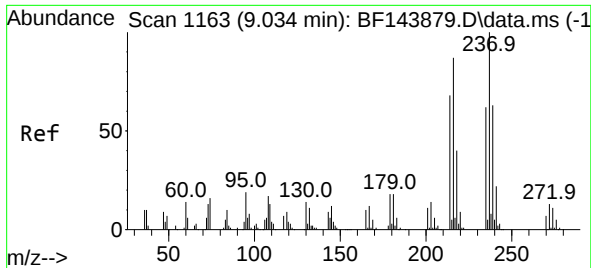


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.673 ng  
RT: 9.045 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33



Tgt Ion:216 Resp: 309130  
Ion Ratio Lower Upper  
216 100  
214 80.5 62.6 94.0  
179 19.0 15.4 23.0  
108 16.2 12.0 18.0

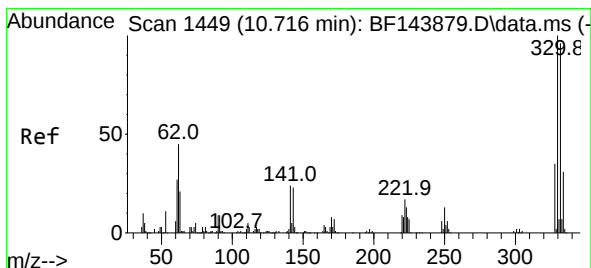
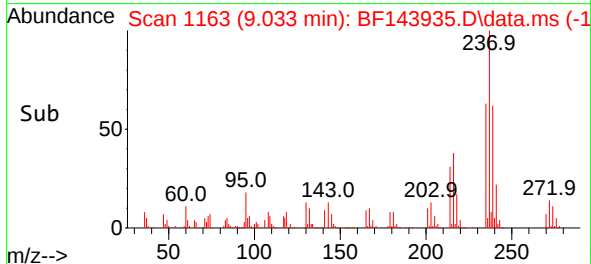
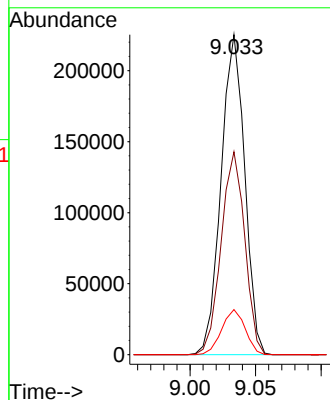
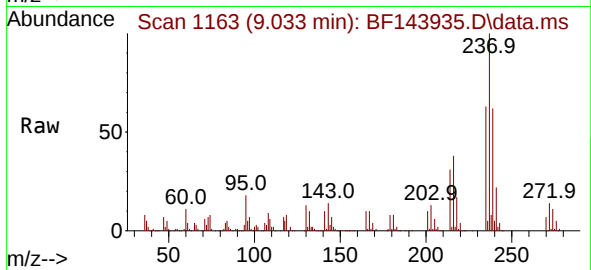




#41  
Hexachlorocyclopentadiene  
Concen: 113.659 ng  
RT: 9.033 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

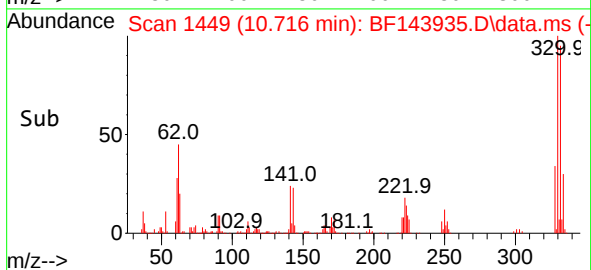
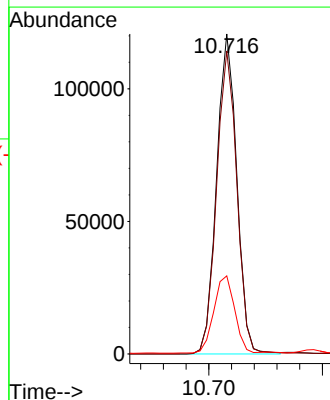
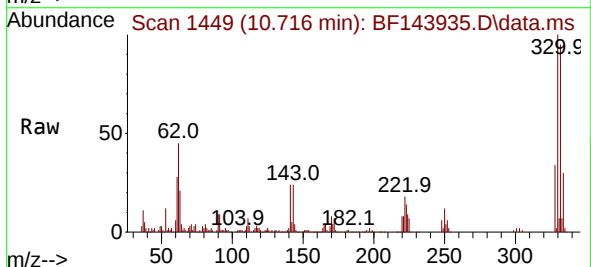
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

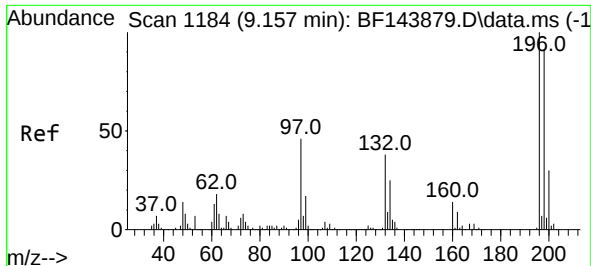
Tgt Ion:237 Resp: 282083  
Ion Ratio Lower Upper  
237 100  
235 63.4 42.3 82.3  
272 14.1 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 68.995 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:330 Resp: 148746  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.9 115.3  
141 25.0 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 47.239 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

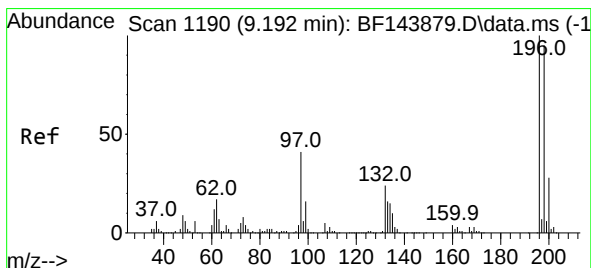
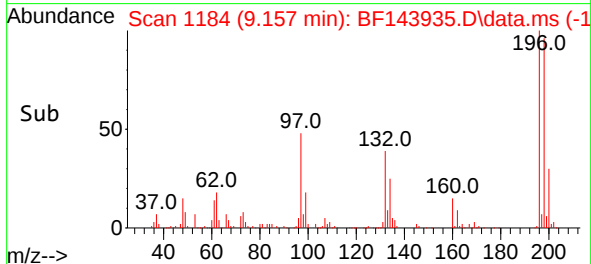
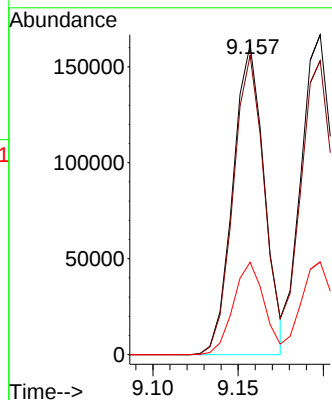
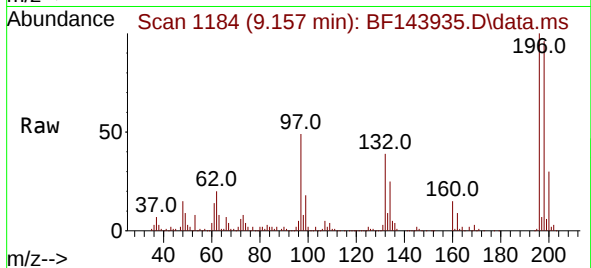
Tgt Ion:196 Resp: 206484

Ion Ratio Lower Upper

196 100

198 96.5 72.8 109.2

200 29.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 48.055 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Tgt Ion:196 Resp: 221976

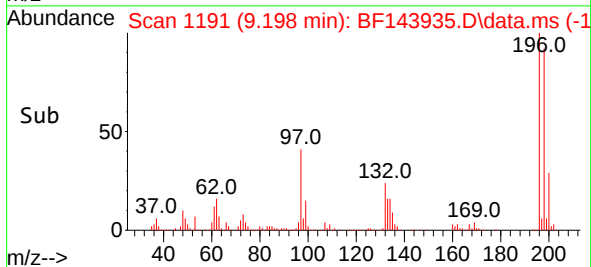
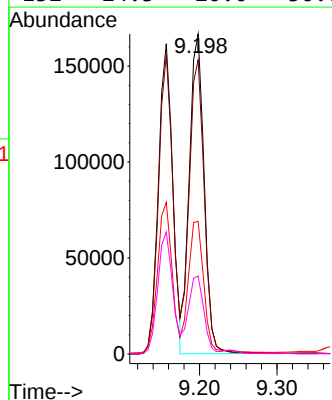
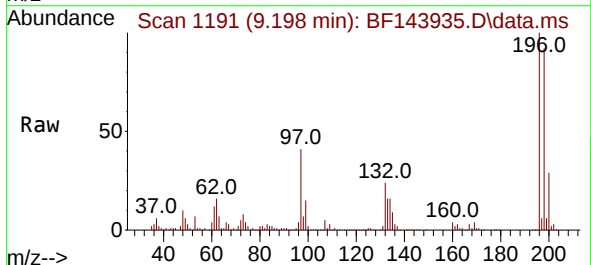
Ion Ratio Lower Upper

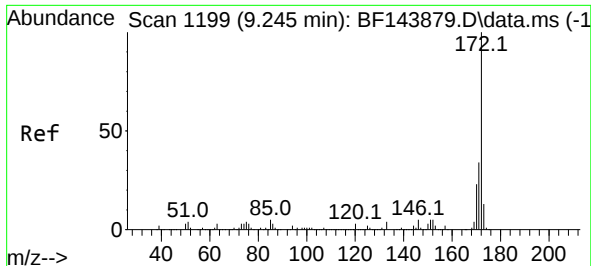
196 100

198 91.9 75.5 113.3

97 41.4 33.9 50.9

132 24.3 20.0 30.0

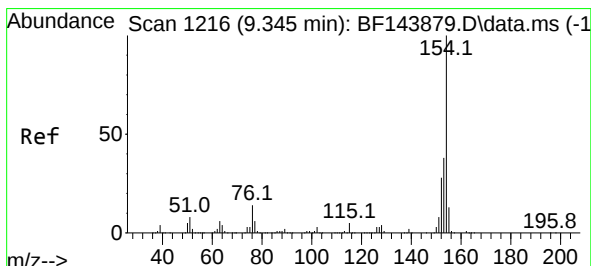
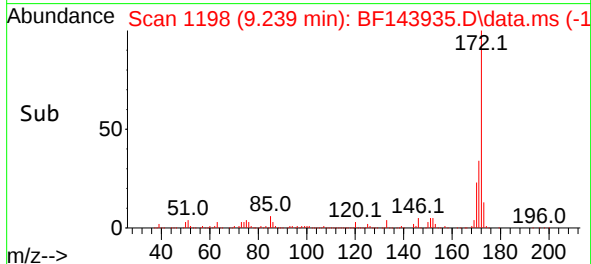
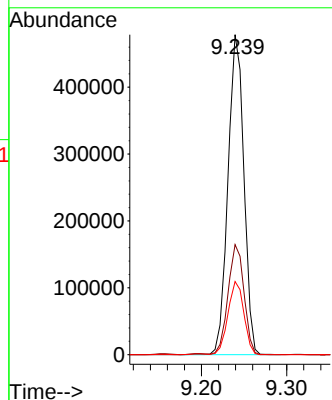
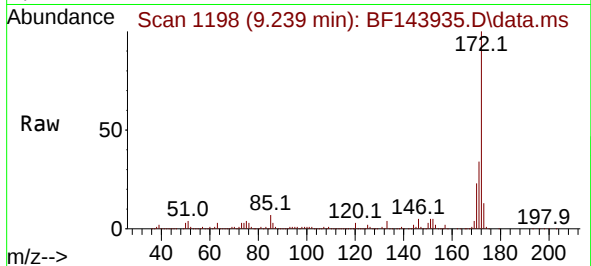




#45  
2-Fluorobiphenyl  
Concen: 45.452 ng  
RT: 9.239 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

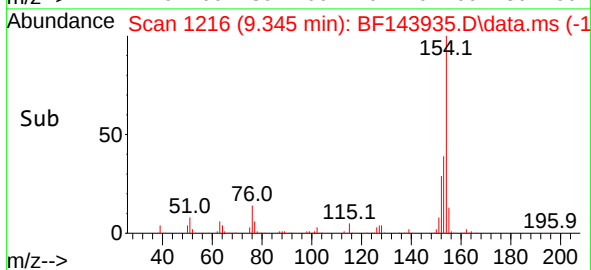
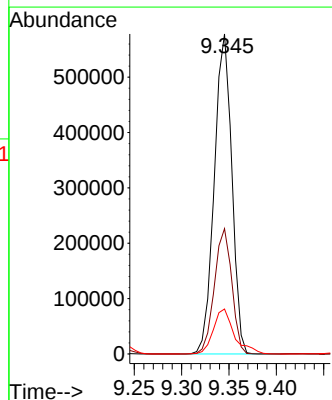
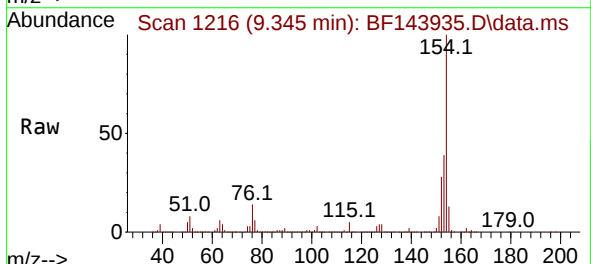
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

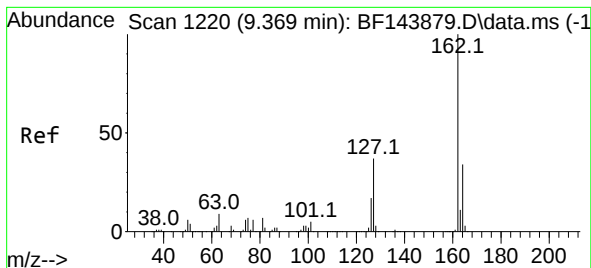
Tgt Ion:172 Resp: 620021  
Ion Ratio Lower Upper  
172 100  
171 34.4 27.4 41.0  
170 22.9 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 51.840 ng  
RT: 9.345 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:154 Resp: 742911  
Ion Ratio Lower Upper  
154 100  
153 39.1 18.4 58.4  
76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 46.618 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

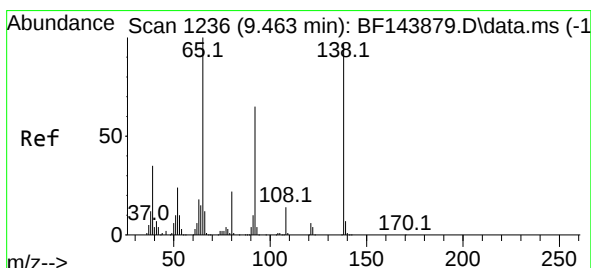
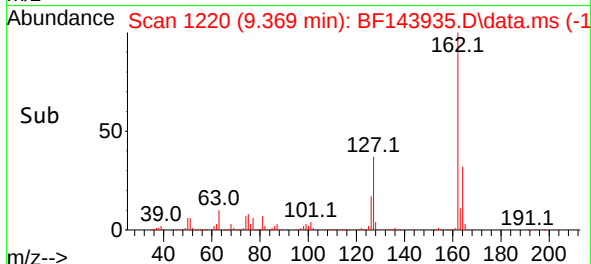
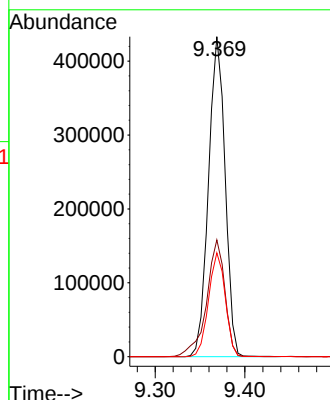
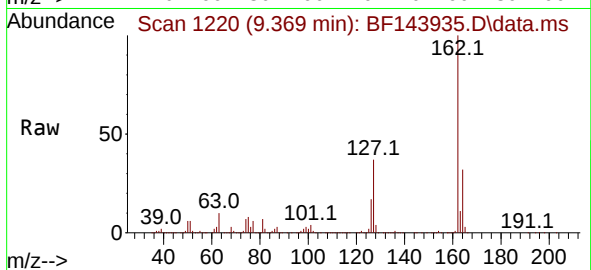
Tgt Ion:162 Resp: 557020

Ion Ratio Lower Upper

162 100

127 36.5 30.2 45.2

164 32.4 26.9 40.3



#48

2-Nitroaniline

Concen: 52.529 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

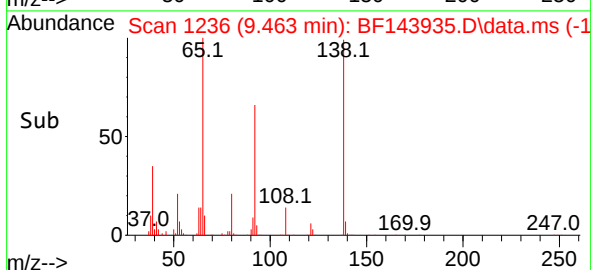
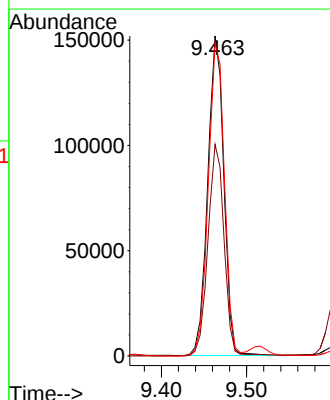
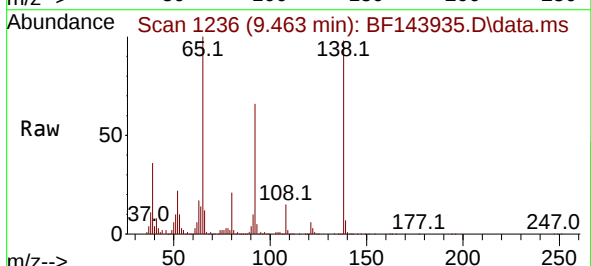
Tgt Ion: 65 Resp: 198434

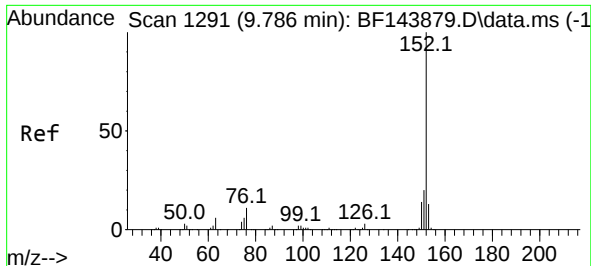
Ion Ratio Lower Upper

65 100

92 66.1 52.1 78.1

138 97.9 77.4 116.2

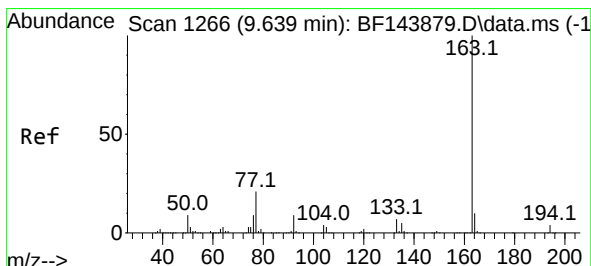
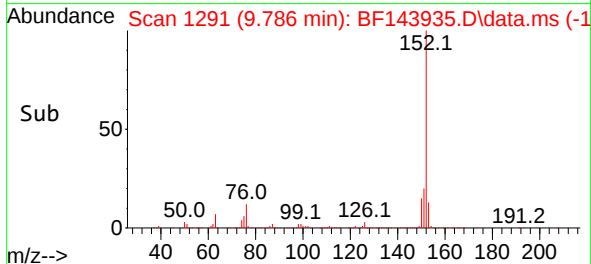
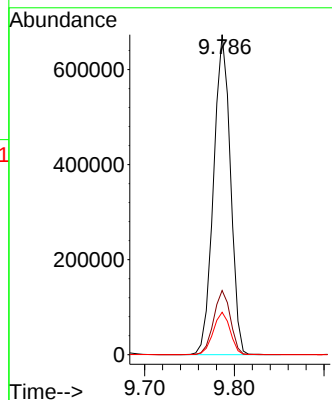
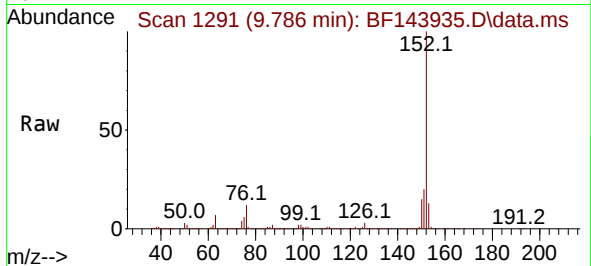




#49  
Acenaphthylene  
Concen: 52.364 ng  
RT: 9.786 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

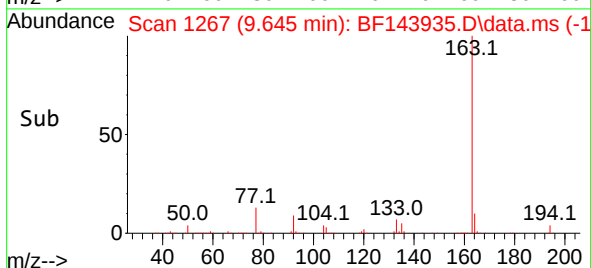
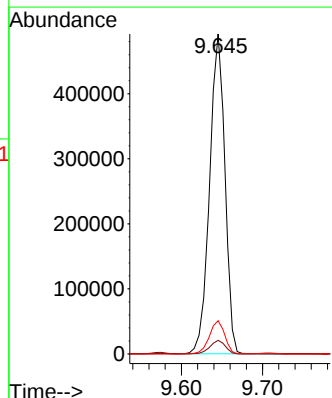
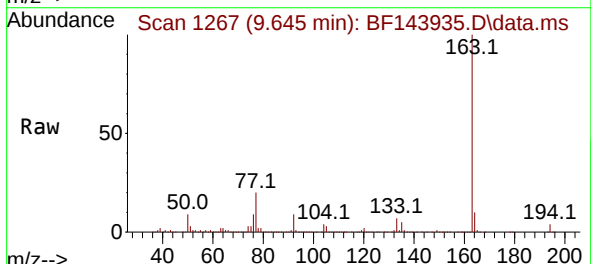
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

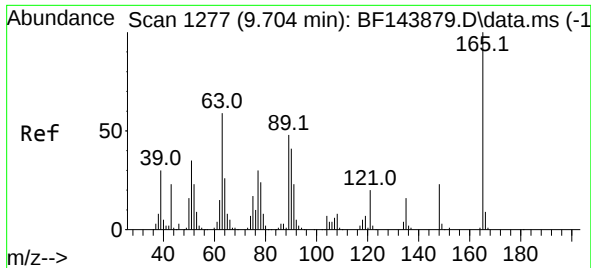
Tgt Ion:152 Resp: 879612  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.8 23.6  
153 13.3 10.5 15.7



#50  
Dimethylphthalate  
Concen: 46.842 ng  
RT: 9.645 min Scan# 1267  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:163 Resp: 643868  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.4 8.1 12.1

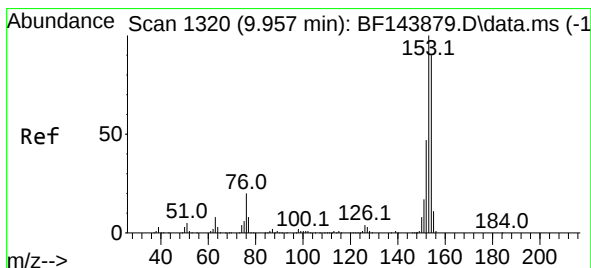
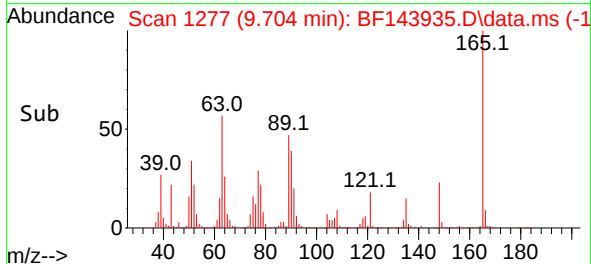
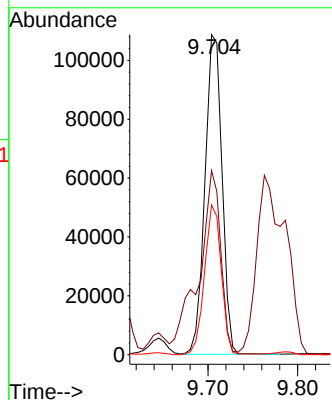
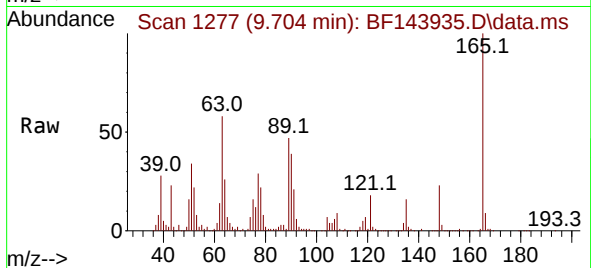




#51  
2,6-Dinitrotoluene  
Concen: 56.214 ng  
RT: 9.704 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

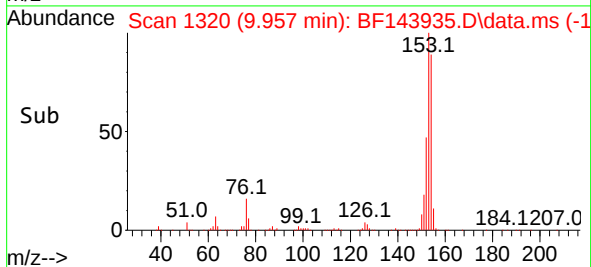
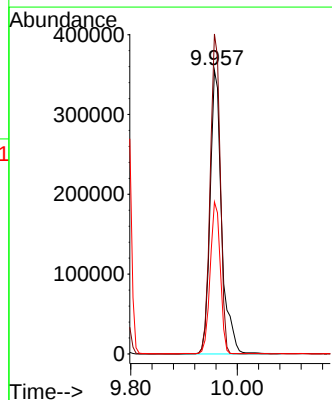
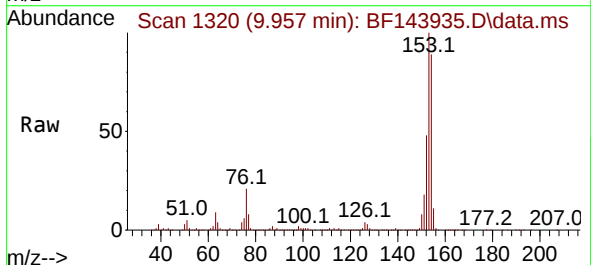
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

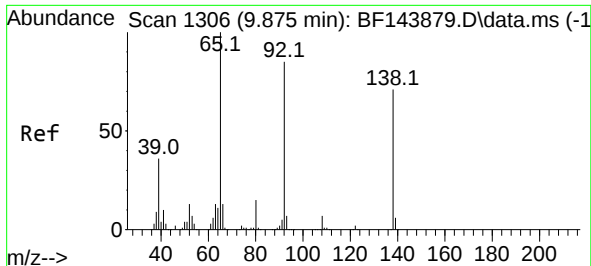
Tgt Ion:165 Resp: 143281  
Ion Ratio Lower Upper  
165 100  
63 57.5 47.3 70.9  
89 46.8 38.2 57.4



#52  
Acenaphthene  
Concen: 48.938 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:154 Resp: 538662  
Ion Ratio Lower Upper  
154 100  
153 112.9 89.3 133.9  
152 53.6 42.2 63.2

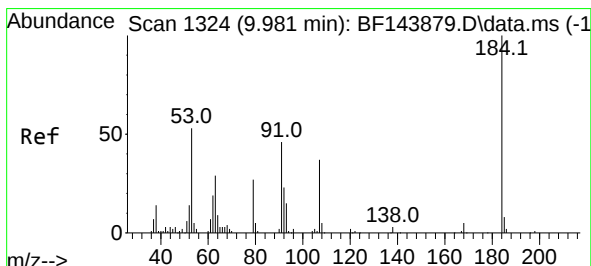
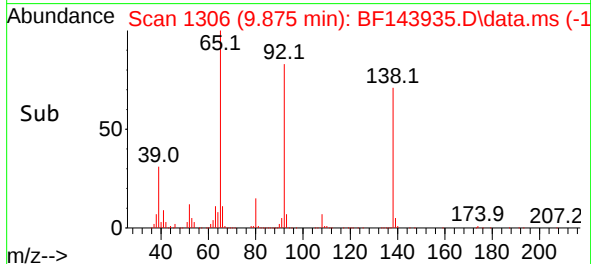
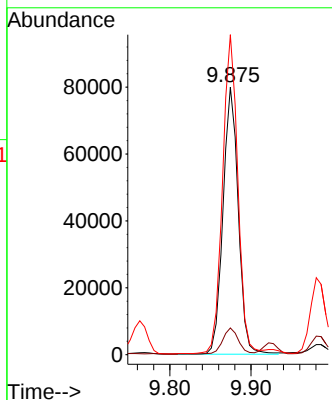
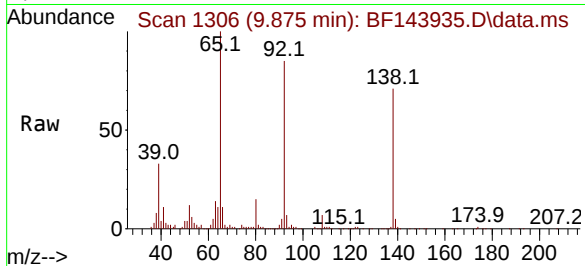




#53  
3-Nitroaniline  
Concen: 33.516 ng  
RT: 9.875 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

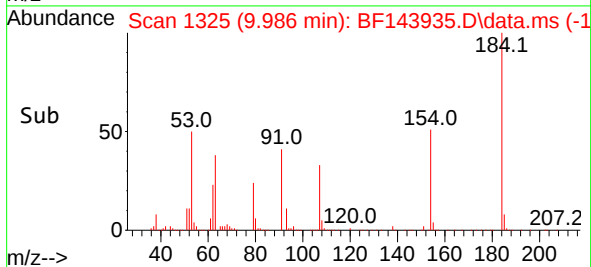
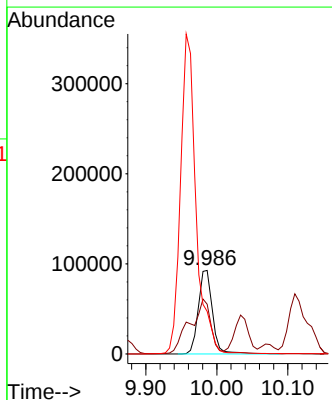
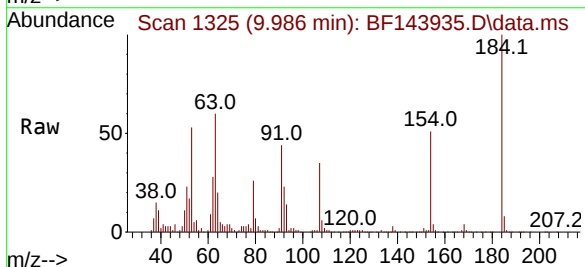
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

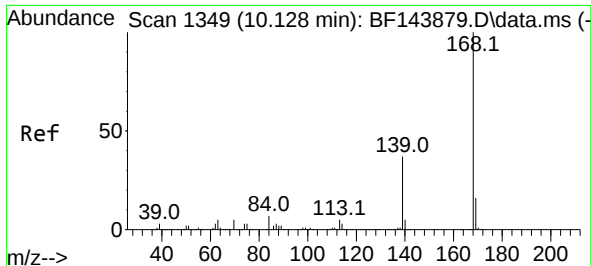
Tgt Ion:138 Resp: 104601  
Ion Ratio Lower Upper  
138 100  
108 10.0 8.3 12.5  
92 119.6 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 82.239 ng  
RT: 9.986 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:184 Resp: 129631  
Ion Ratio Lower Upper  
184 100  
63 59.5 48.2 72.4  
154 50.9 49.2 73.8

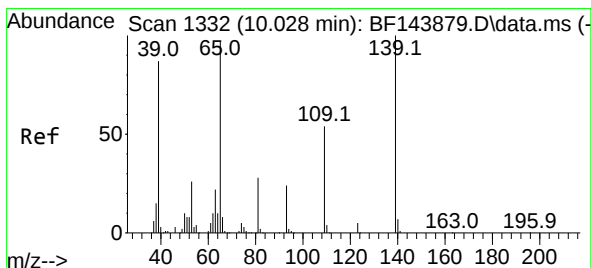
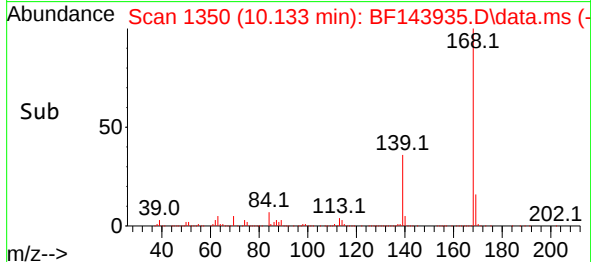
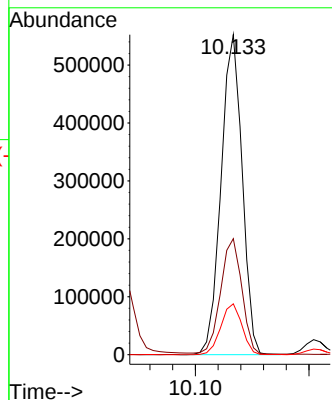
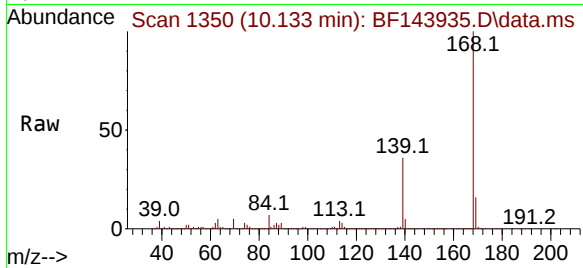




#55  
Dibenzofuran  
Concen: 45.855 ng  
RT: 10.133 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

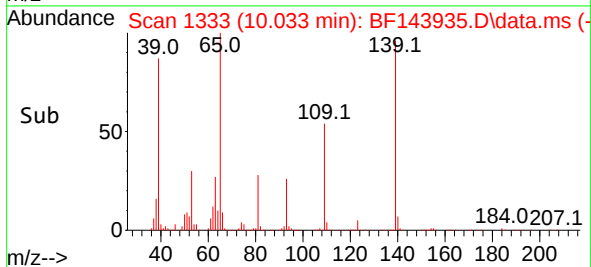
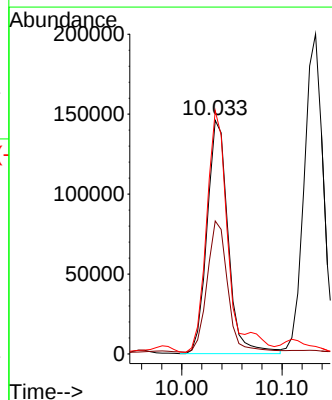
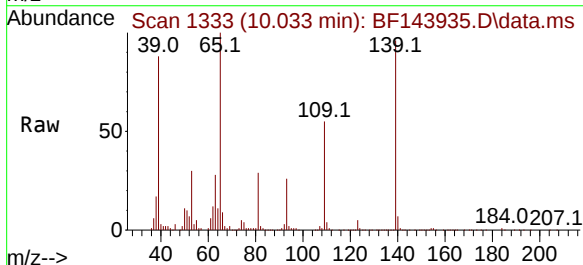
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

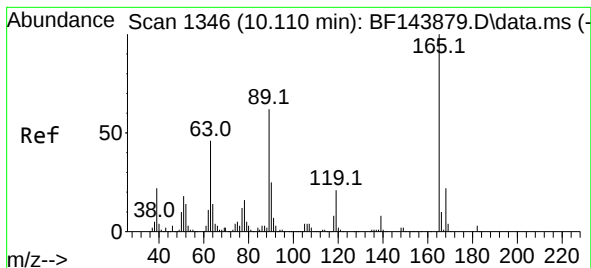
Tgt Ion:168 Resp: 712474  
Ion Ratio Lower Upper  
168 100  
139 36.2 29.8 44.8  
169 15.9 12.8 19.2



#56  
4-Nitrophenol  
Concen: 90.092 ng  
RT: 10.033 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:139 Resp: 212893  
Ion Ratio Lower Upper  
139 100  
109 56.9 34.5 74.5  
65 104.1 77.6 117.6

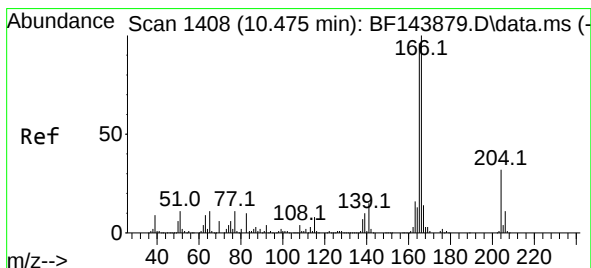
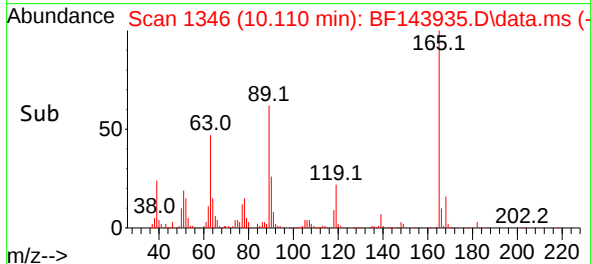
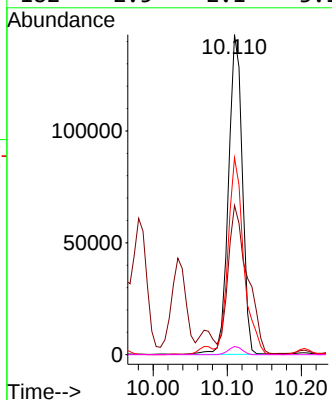
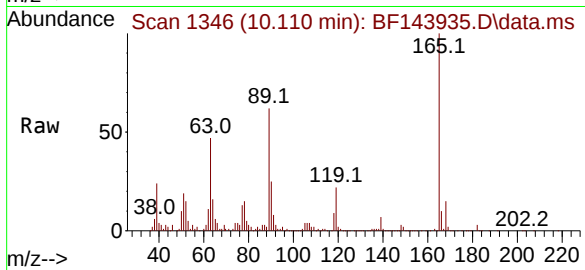




#57  
2,4-Dinitrotoluene  
Concen: 53.327 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

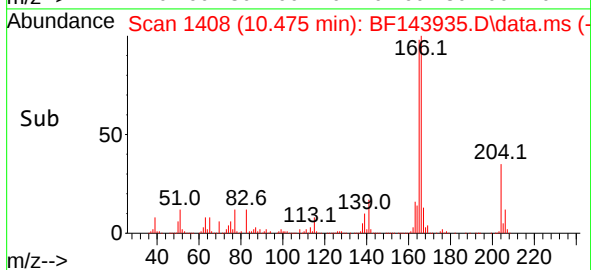
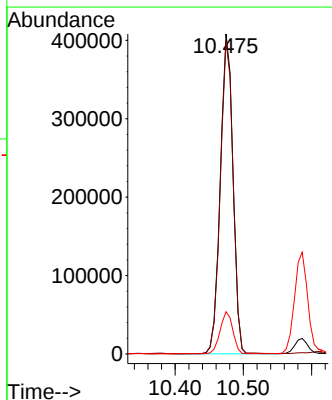
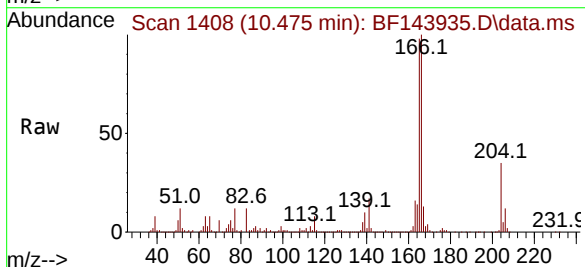
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

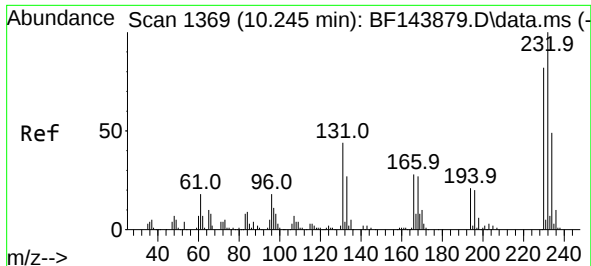
Tgt Ion:165 Resp: 184940  
Ion Ratio Lower Upper  
165 100  
63 46.6 37.2 55.8  
89 61.6 49.4 74.2  
182 2.5 2.1 3.1



#58  
Fluorene  
Concen: 45.061 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:166 Resp: 528307  
Ion Ratio Lower Upper  
166 100  
165 97.9 77.0 115.6  
167 13.2 11.1 16.7

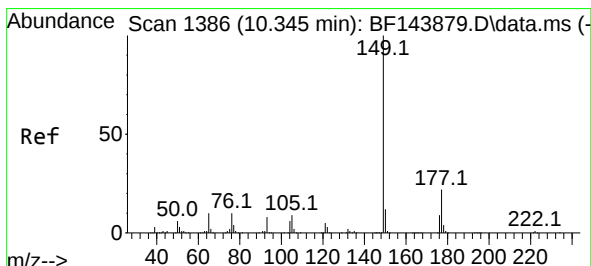
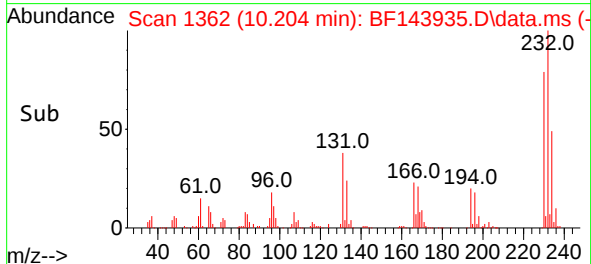
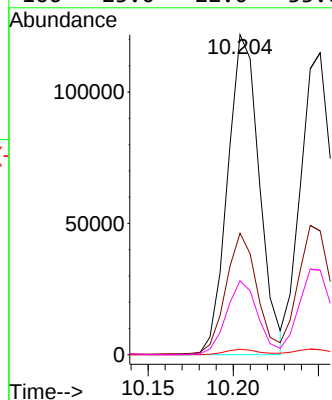
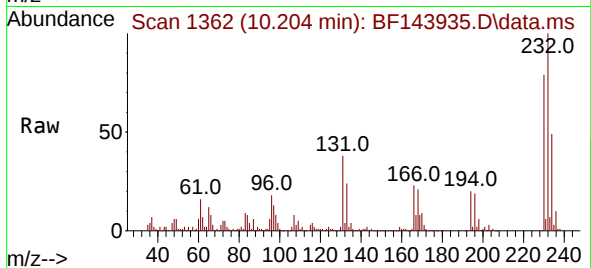




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.324 ng  
RT: 10.204 min Scan# 1362  
Delta R.T. -0.047 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

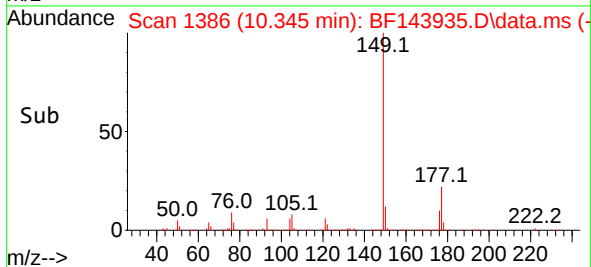
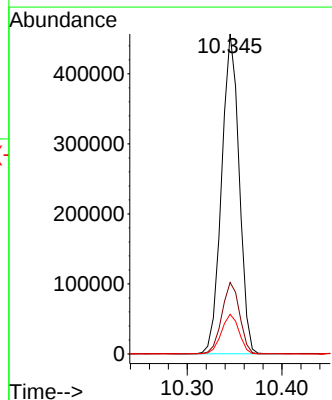
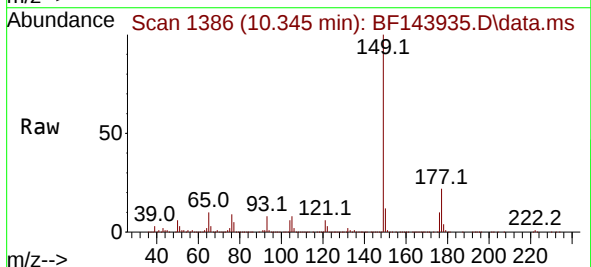
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

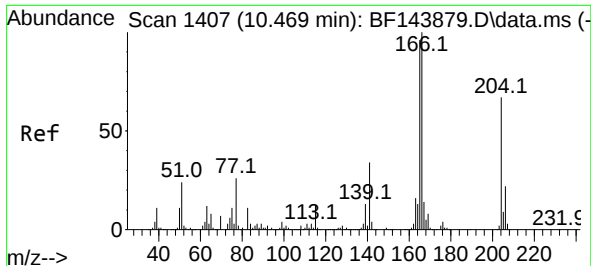
Tgt Ion:232 Resp: 158013  
Ion Ratio Lower Upper  
232 100  
131 37.4 34.9 52.3  
130 1.8 1.6 2.4  
166 23.0 22.0 33.0



#60  
Diethylphthalate  
Concen: 46.124 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:149 Resp: 588987  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.9 26.9  
150 12.4 9.8 14.8

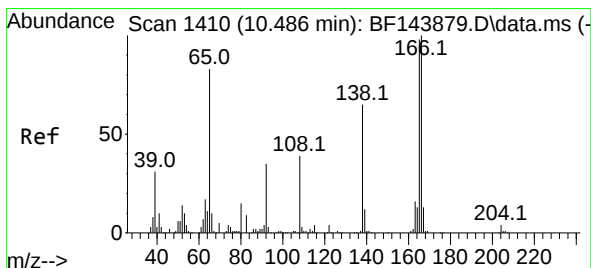
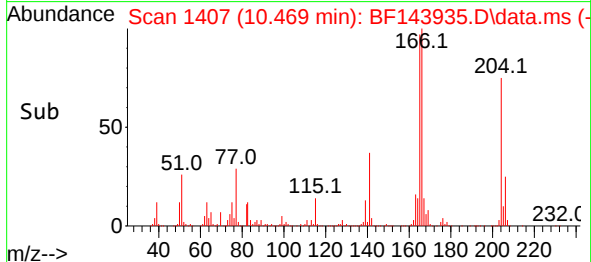
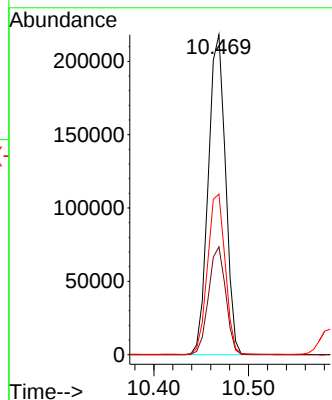
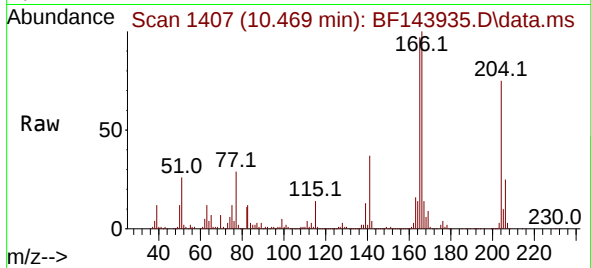




#61  
4-Chlorophenyl-phenylether  
Concen: 44.459 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

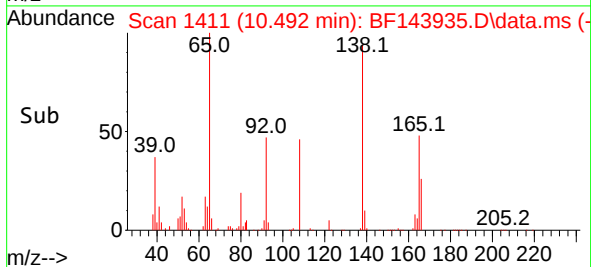
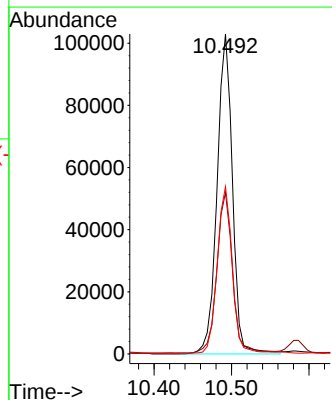
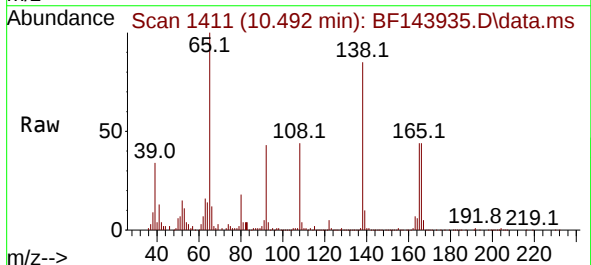
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

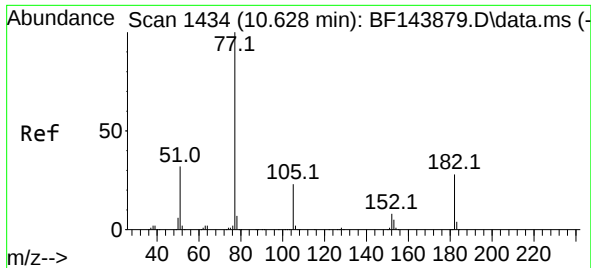
Tgt Ion:204 Resp: 275581  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.6 40.0  
141 50.2 40.4 60.6



#62  
4-Nitroaniline  
Concen: 47.305 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.018 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:138 Resp: 141971  
Ion Ratio Lower Upper  
138 100  
92 50.5 33.9 73.9  
108 52.3 40.2 80.2

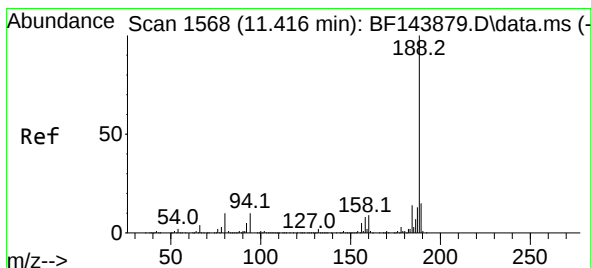
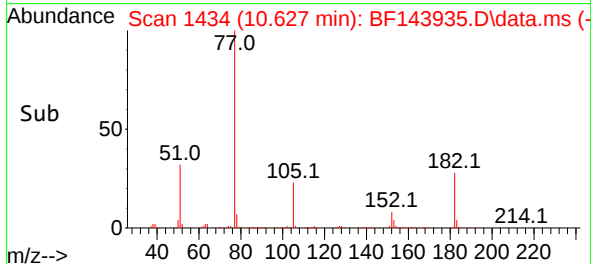
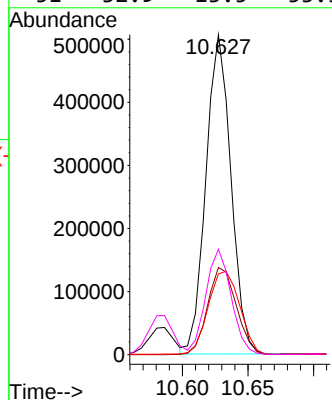
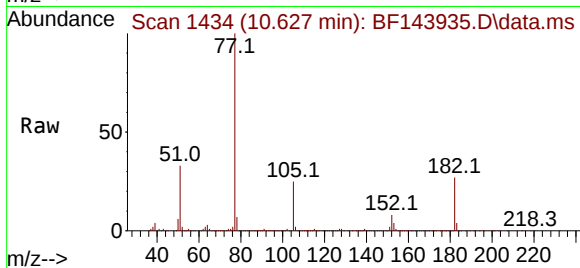




#63  
Azobenzene  
Concen: 50.466 ng  
RT: 10.627 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

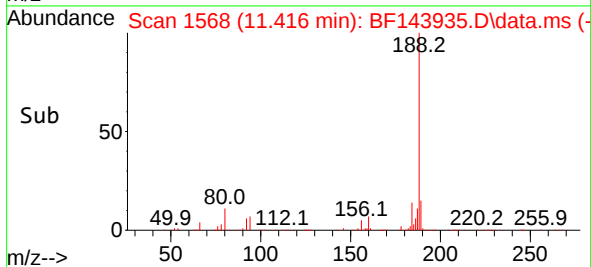
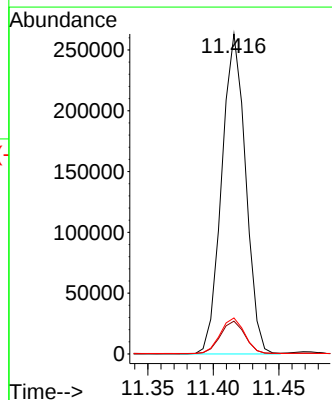
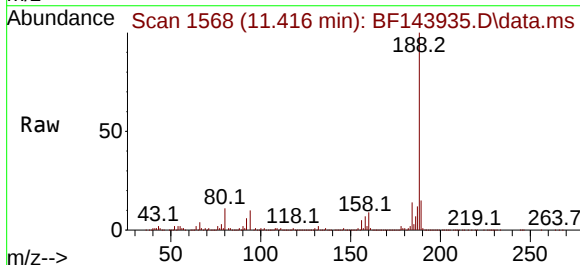
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

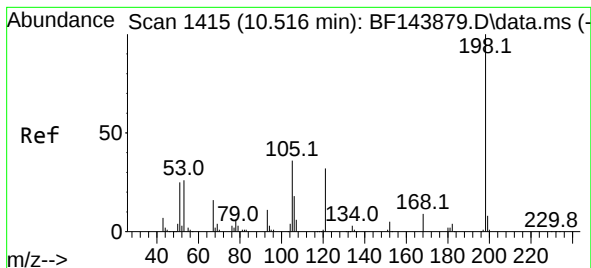
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 673525 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.3    | 7.3 47.3     |
| 105 25.2    | 3.0 43.0     |
| 51 32.9     | 13.5 53.5    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 333679 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 10.3     | 7.8 11.6     |
| 80 11.2     | 7.9 11.9     |

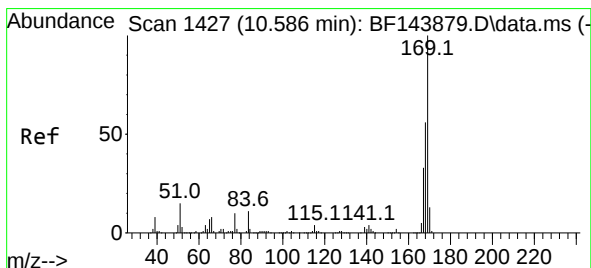
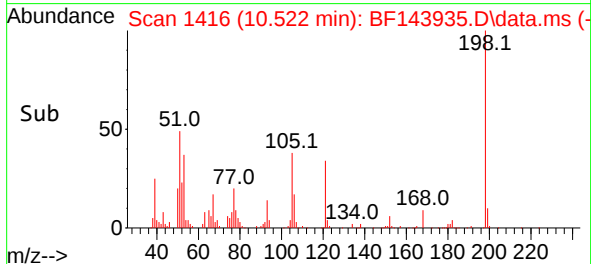
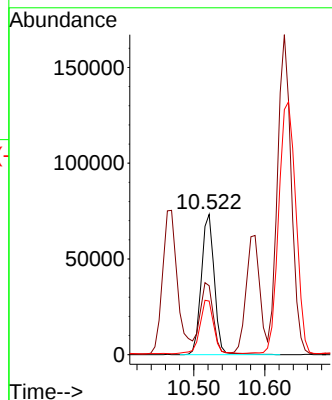
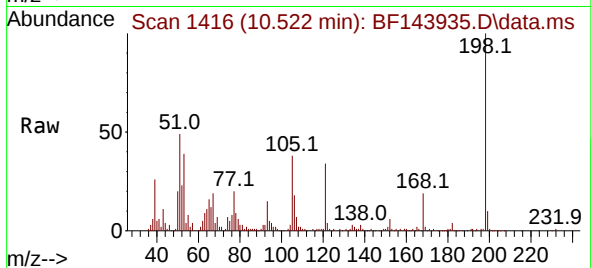




#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.840 ng  
RT: 10.522 min Scan# 1416  
Delta R.T. -0.012 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

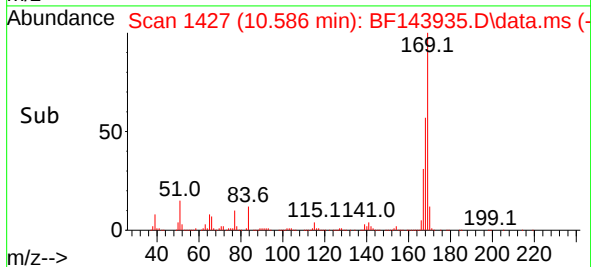
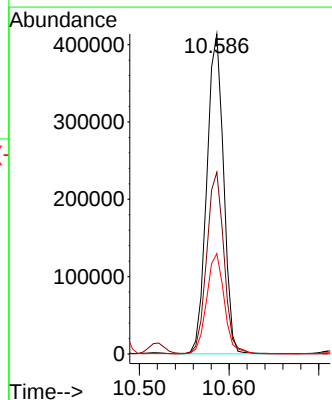
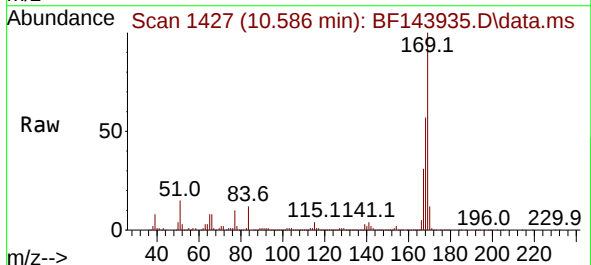
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

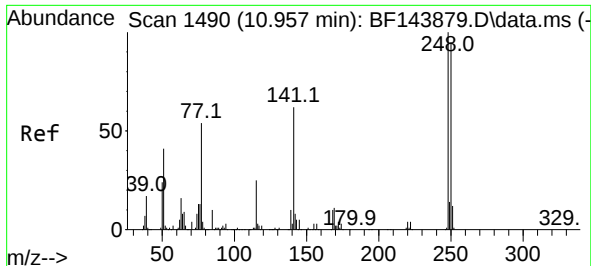
Tgt Ion:198 Resp: 93633  
Ion Ratio Lower Upper  
198 100  
51 49.1 33.8 73.8  
105 38.2 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 51.141 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:169 Resp: 535812  
Ion Ratio Lower Upper  
169 100  
168 56.8 44.9 67.3  
167 31.4 26.3 39.5

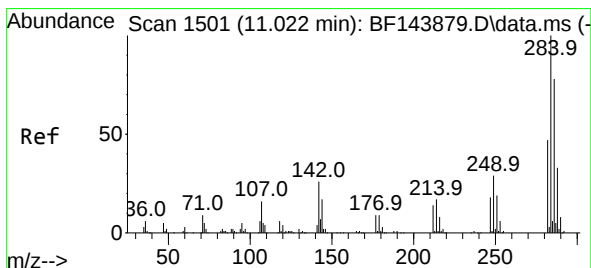
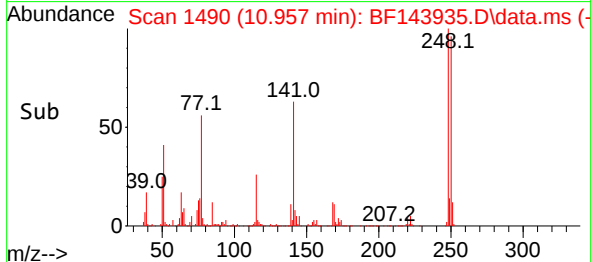
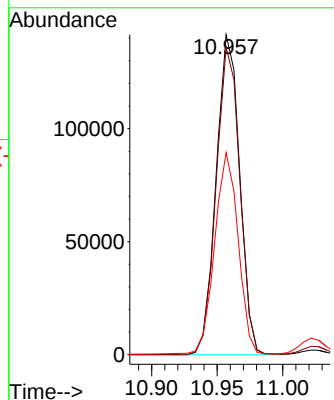
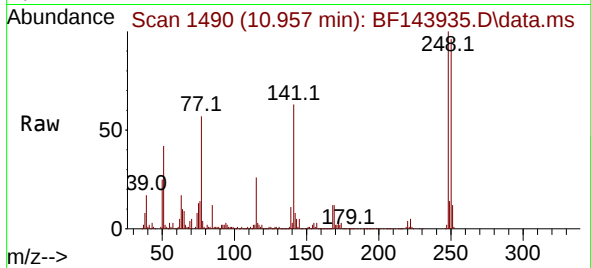




#67  
4-Bromophenyl-phenylether  
Concen: 47.781 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

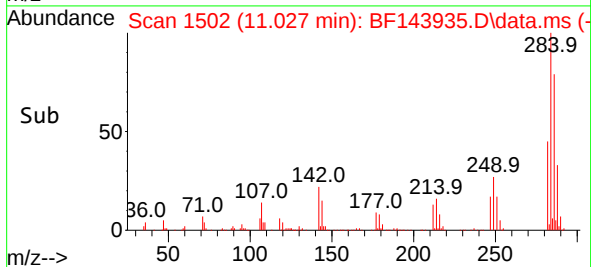
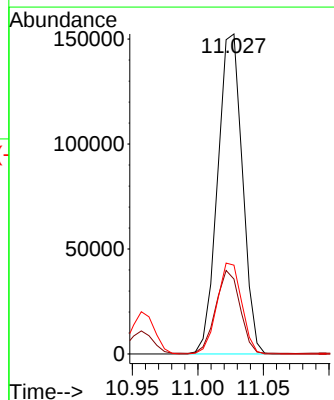
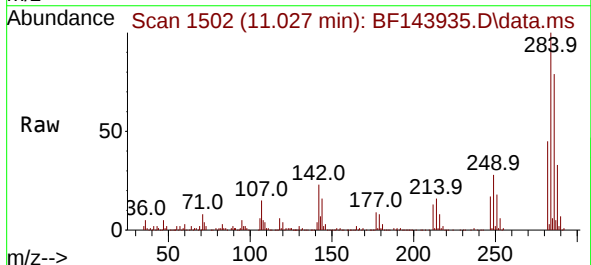
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

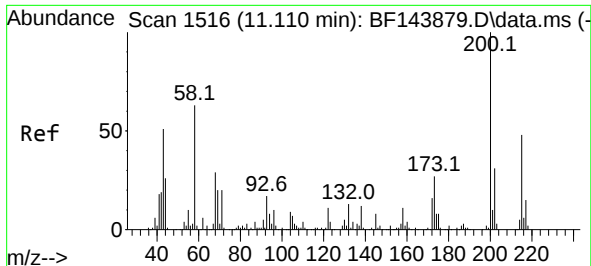
Tgt Ion:248 Resp: 176200  
Ion Ratio Lower Upper  
248 100  
250 96.1 76.3 114.5  
141 63.2 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 46.776 ng  
RT: 11.027 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:284 Resp: 199700  
Ion Ratio Lower Upper  
284 100  
142 23.4 20.6 30.8  
249 27.8 23.2 34.8

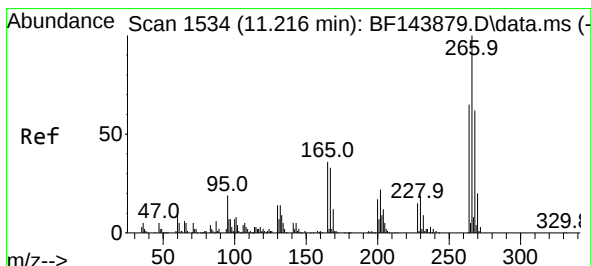
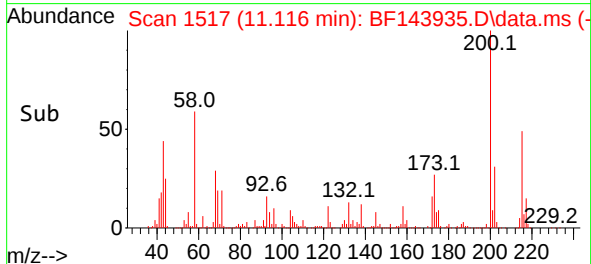
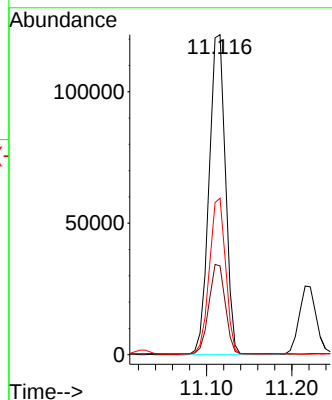
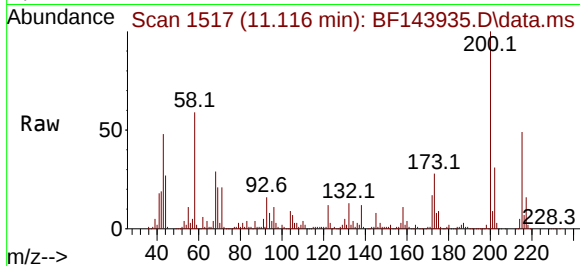




#69  
 Atrazine  
 Concen: 51.363 ng  
 RT: 11.116 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF143935.D  
 Acq: 13 Oct 2025 16:33

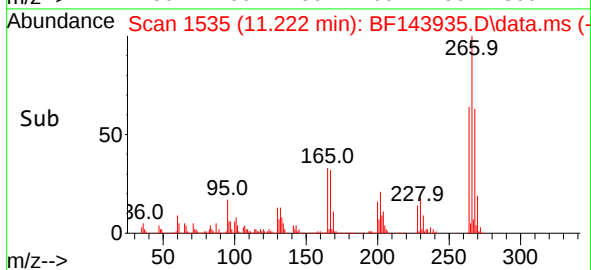
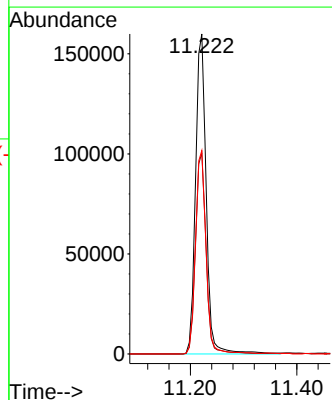
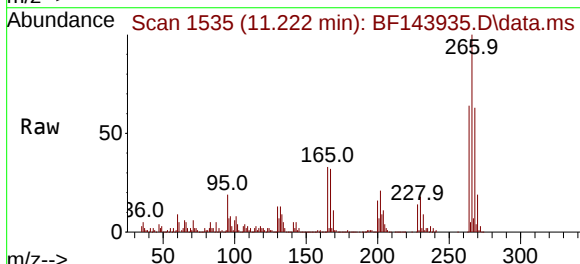
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 BNA\_F  
 ClientSampleId :  
 SED-04-0-2MS

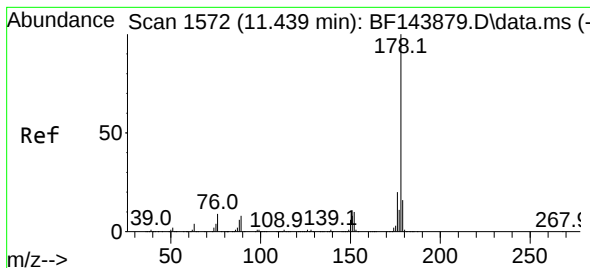
Tgt Ion:200 Resp: 163108  
 Ion Ratio Lower Upper  
 200 100  
 173 27.8 7.0 47.0  
 215 48.9 27.8 67.8



#70  
 Pentachlorophenol  
 Concen: 90.406 ng  
 RT: 11.222 min Scan# 1535  
 Delta R.T. 0.000 min  
 Lab File: BF143935.D  
 Acq: 13 Oct 2025 16:33

Tgt Ion:266 Resp: 221671  
 Ion Ratio Lower Upper  
 266 100  
 268 62.8 49.4 74.0  
 264 63.5 51.8 77.6





#71

Phenanthrene

Concen: 47.135 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

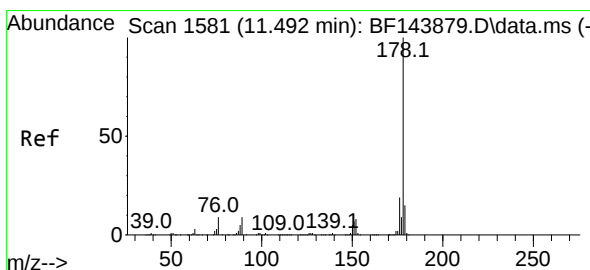
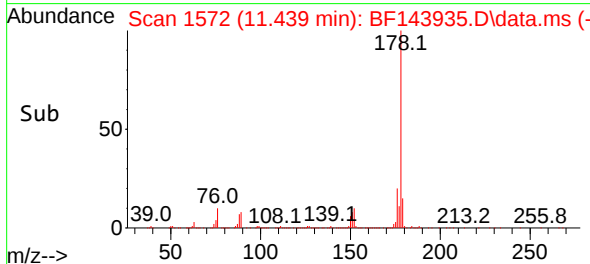
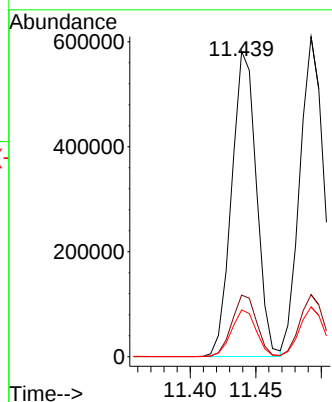
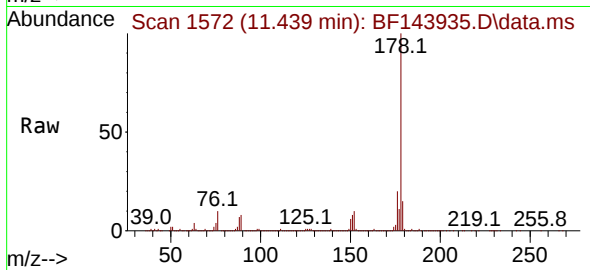
Tgt Ion:178 Resp: 762488

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

179 15.3 12.4 18.6



#72

Anthracene

Concen: 47.311 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

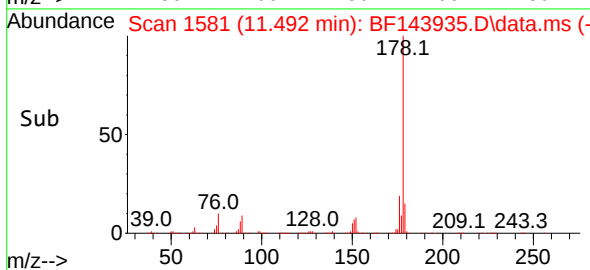
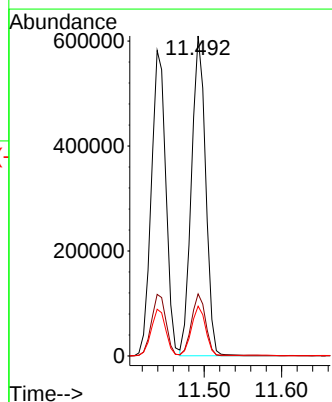
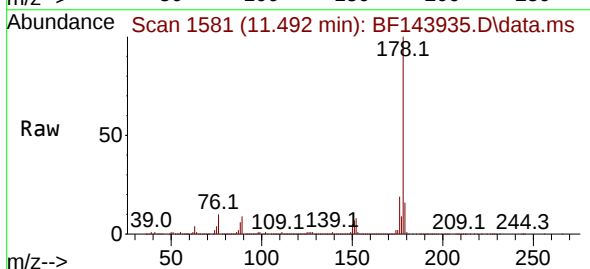
Tgt Ion:178 Resp: 773184

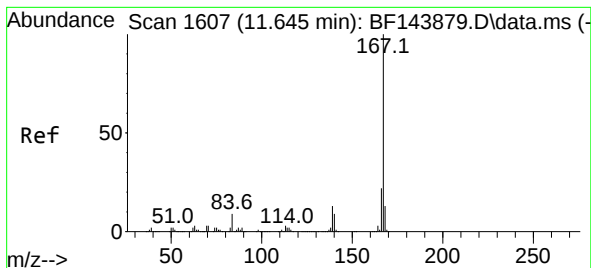
Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

179 15.5 12.2 18.2





#73

Carbazole

Concen: 46.318 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

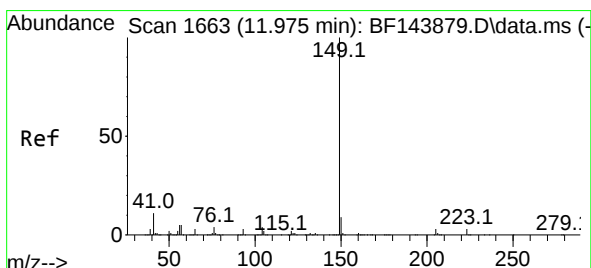
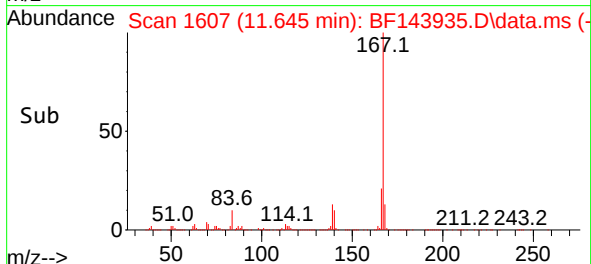
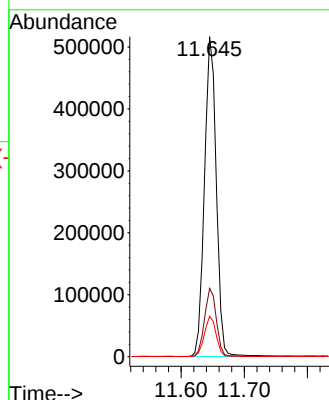
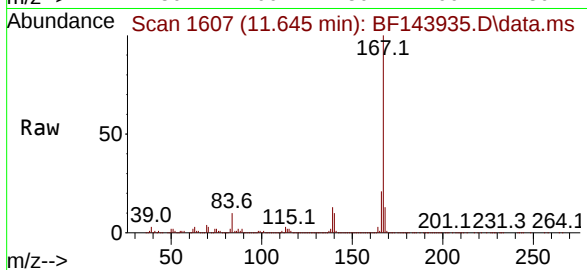
Tgt Ion:167 Resp: 670408

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.7 10.1 15.1



#74

Di-n-butylphthalate

Concen: 48.629 ng

RT: 11.974 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

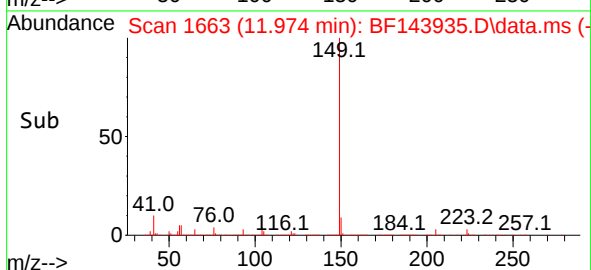
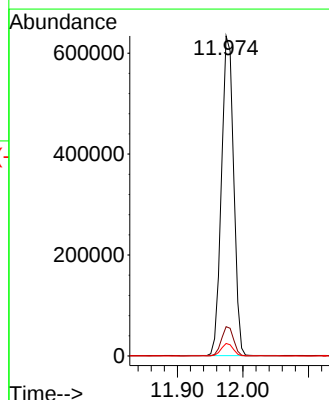
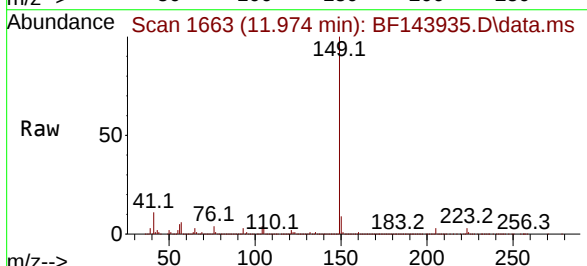
Tgt Ion:149 Resp: 815746

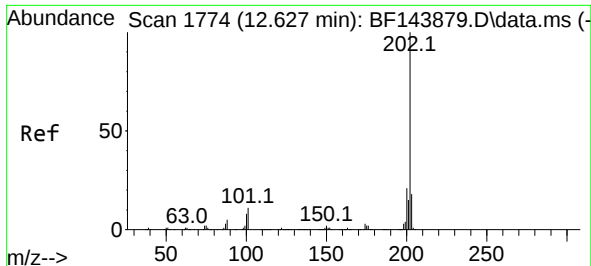
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 3.9 3.4 5.2

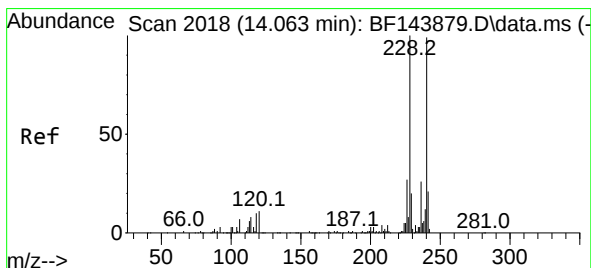
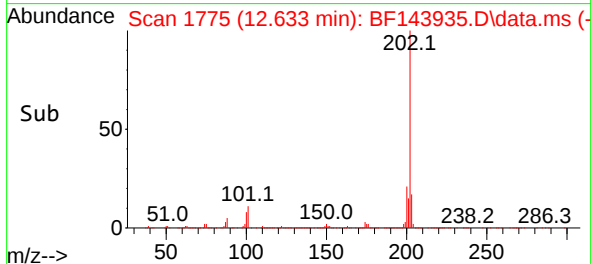
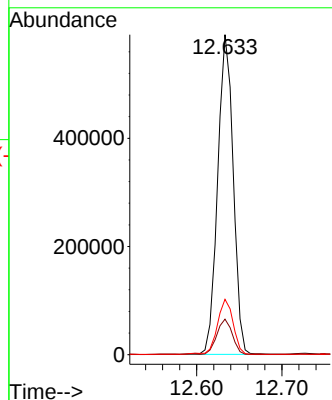
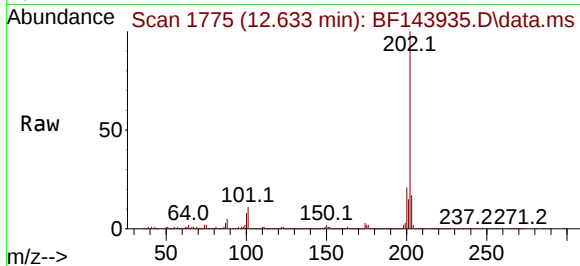




#75  
Fluoranthene  
Concen: 44.770 ng  
RT: 12.633 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

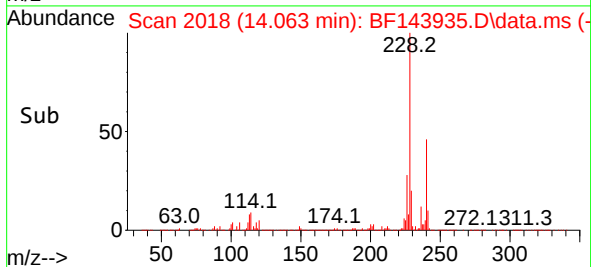
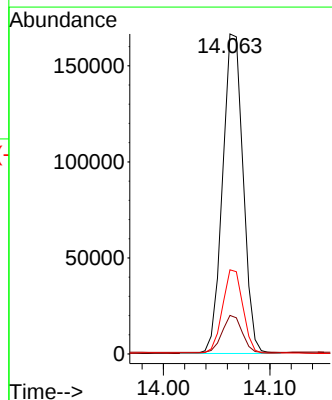
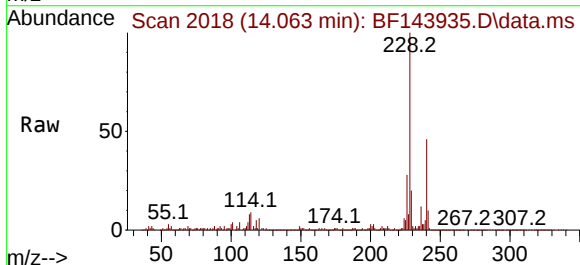
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

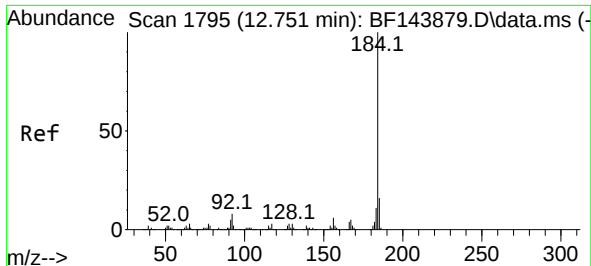
Tgt Ion:202 Resp: 748079  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 30.7  
203 17.3 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:240 Resp: 222422  
Ion Ratio Lower Upper  
240 100  
120 12.1 8.6 13.0  
236 26.3 21.1 31.7

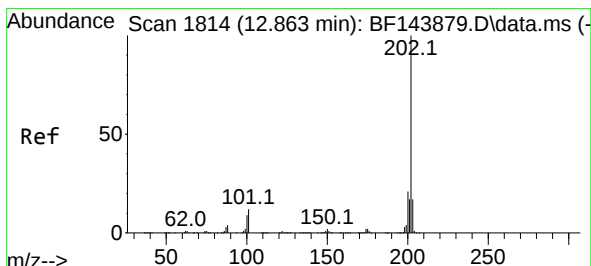
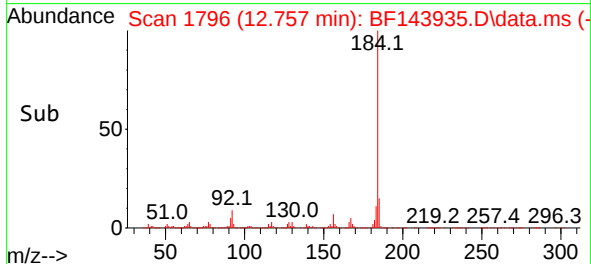
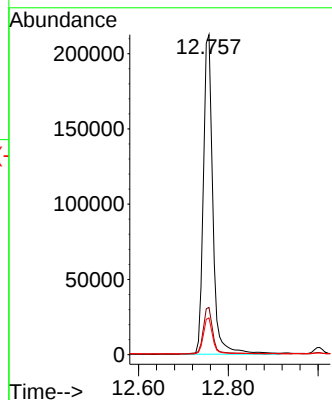
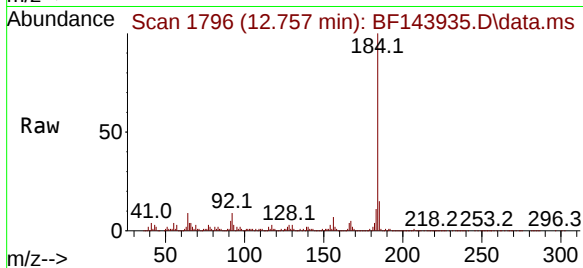




#77  
Benzidine  
Concen: 40.395 ng  
RT: 12.757 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

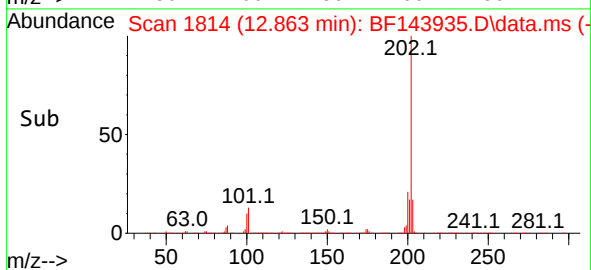
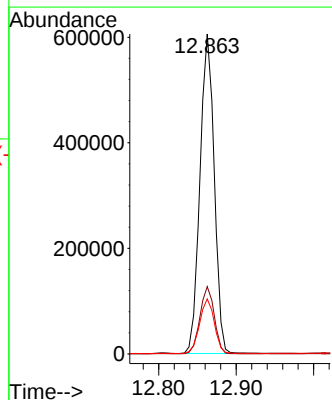
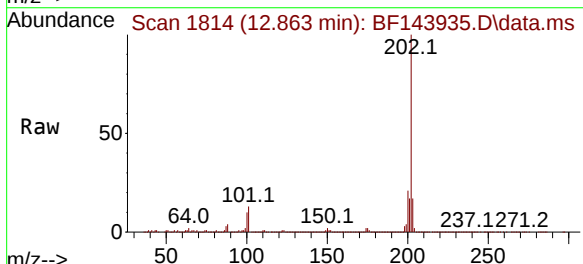
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

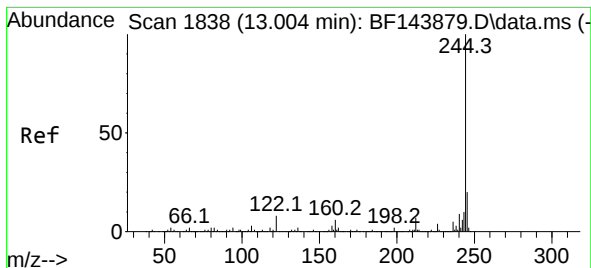
Tgt Ion:184 Resp: 311975  
Ion Ratio Lower Upper  
184 100  
185 14.8 12.6 18.8  
183 11.5 8.8 13.2



#78  
Pyrene  
Concen: 41.773 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:202 Resp: 774591  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.6  
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 36.848 ng

RT: 13.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

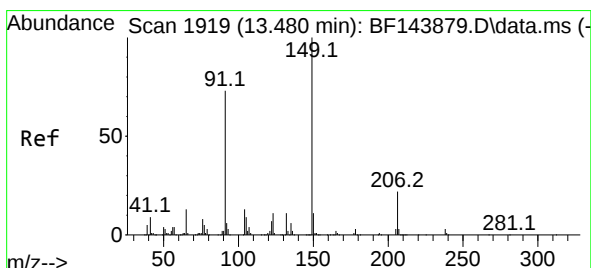
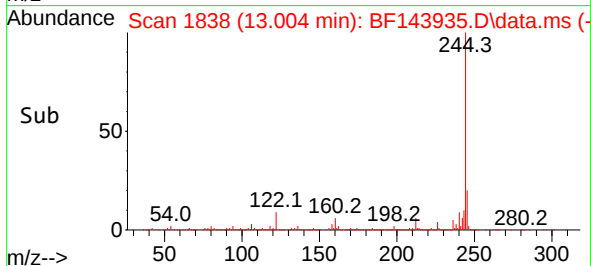
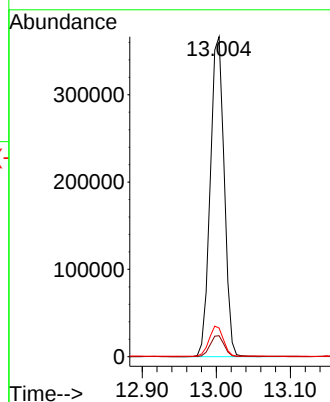
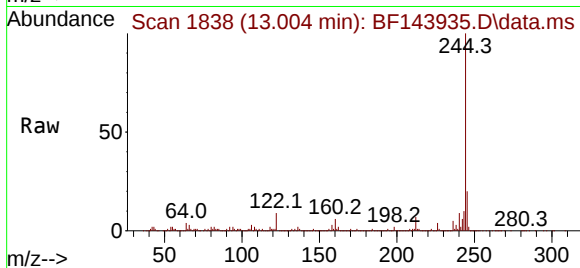
Tgt Ion:244 Resp: 479545

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.0 6.4 9.6



#80

Butylbenzylphthalate

Concen: 49.119 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

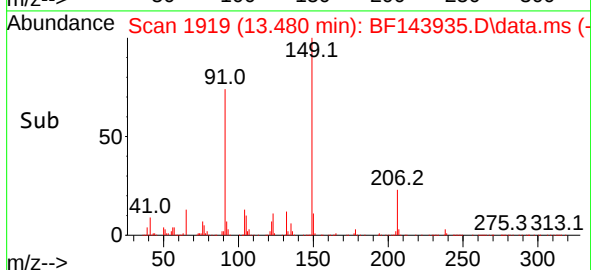
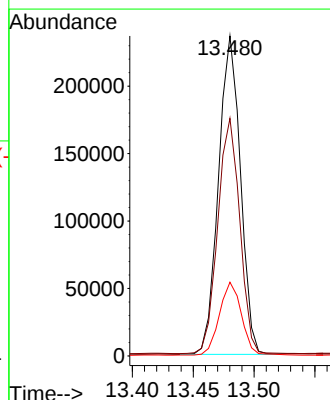
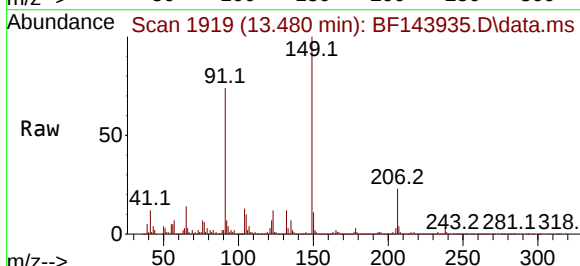
Tgt Ion:149 Resp: 295803

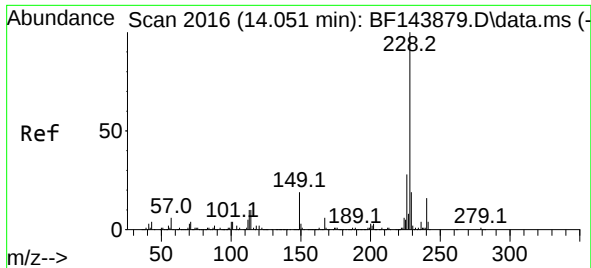
Ion Ratio Lower Upper

149 100

91 74.2 58.2 87.2

206 23.1 17.9 26.9

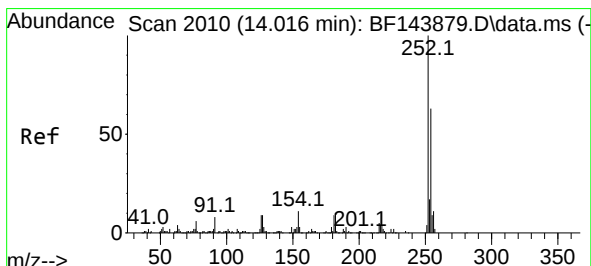
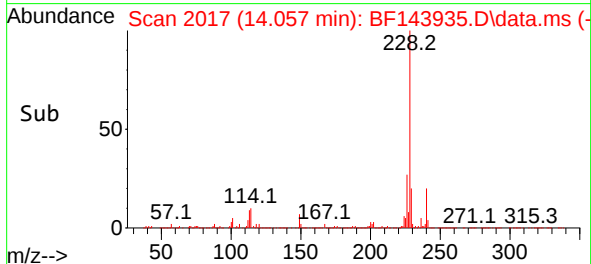
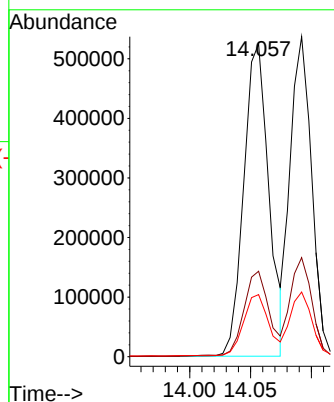
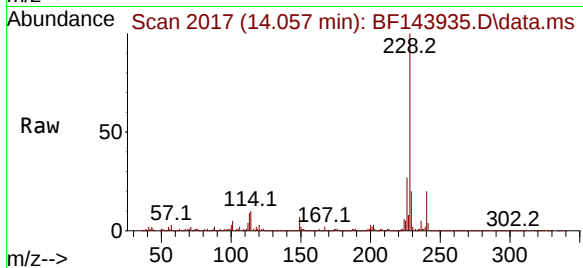




#81  
Benzo(a)anthracene  
Concen: 51.697 ng  
RT: 14.057 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

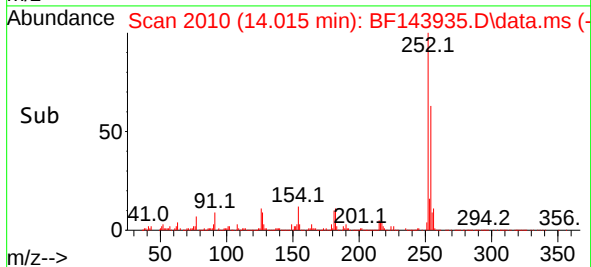
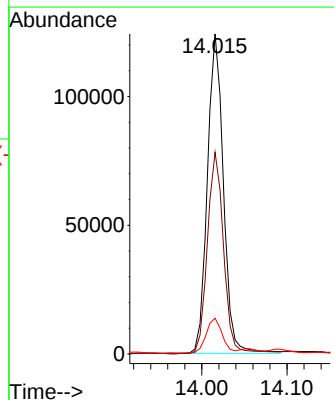
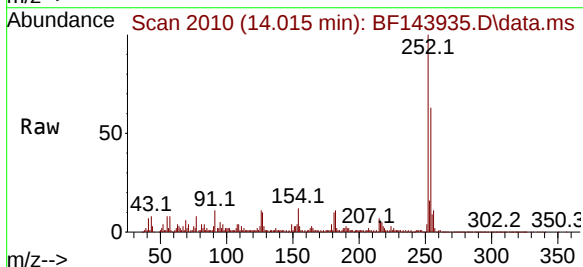
Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

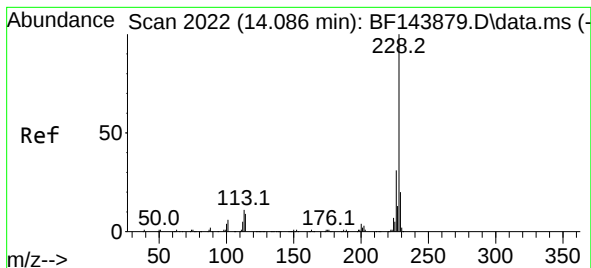
Tgt Ion:228 Resp: 752478  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.2 33.2  
229 19.9 15.6 23.4



#82  
3,3'-Dichlorobenzidine  
Concen: 36.524 ng  
RT: 14.015 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:252 Resp: 162011  
Ion Ratio Lower Upper  
252 100  
254 63.0 50.6 76.0  
126 11.2 7.0 10.6#





#83

Chrysene

Concen: 48.409 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

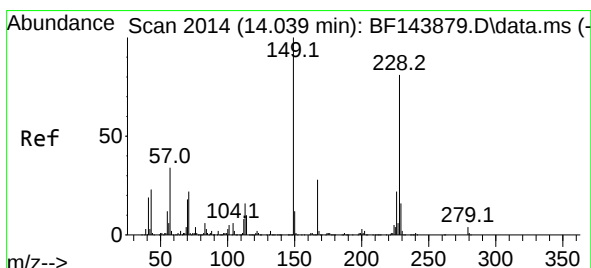
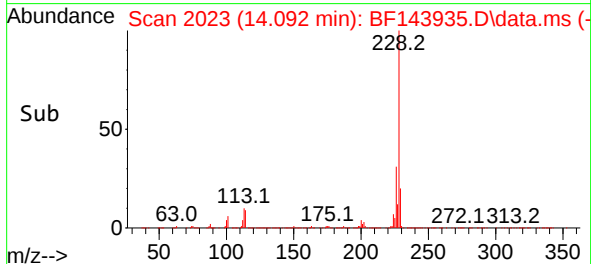
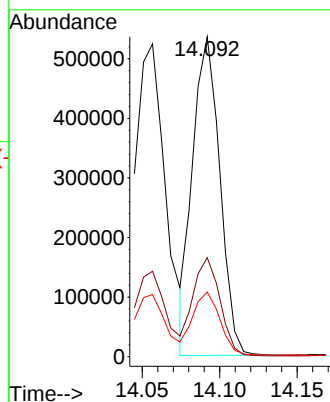
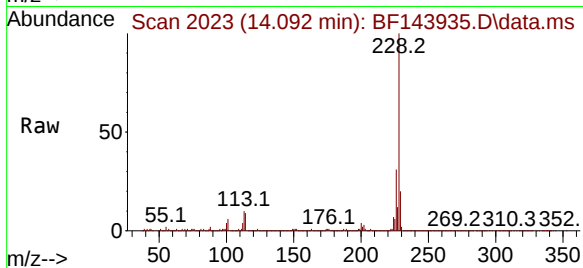
Tgt Ion:228 Resp: 652141

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.860 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

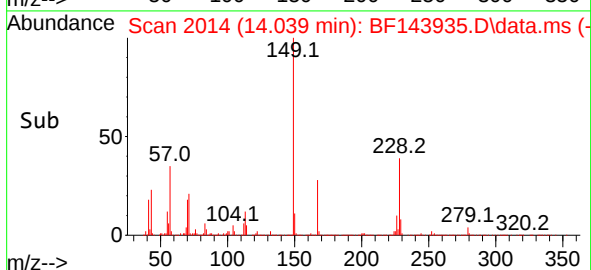
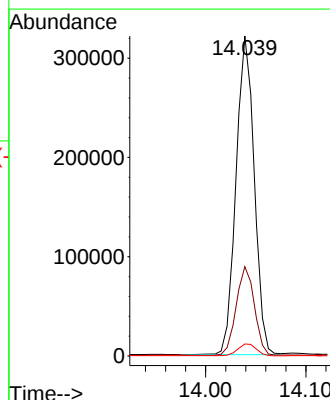
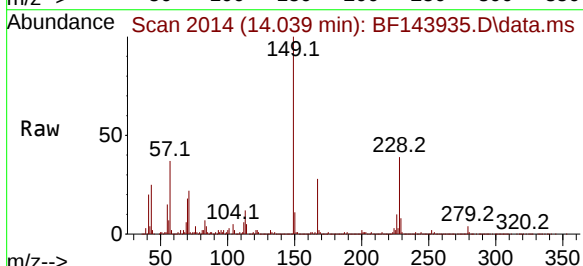
Tgt Ion:149 Resp: 405514

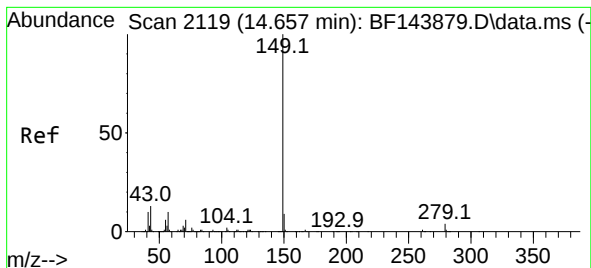
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 65.511 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

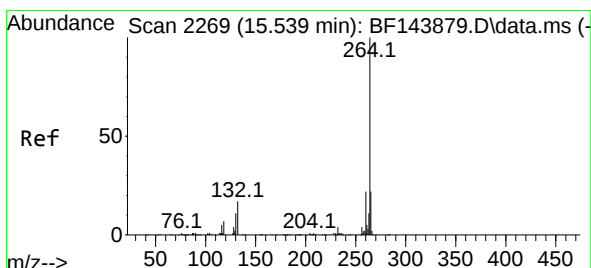
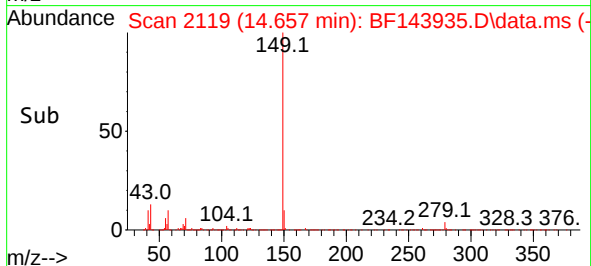
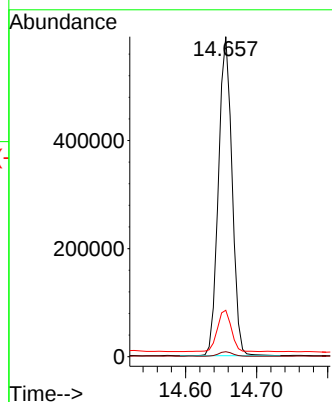
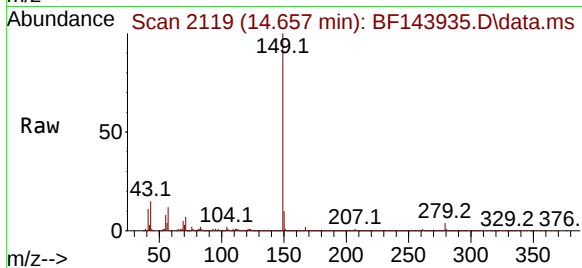
Tgt Ion:149 Resp: 781103

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 13.4 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

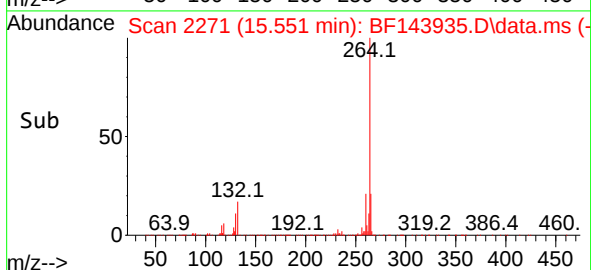
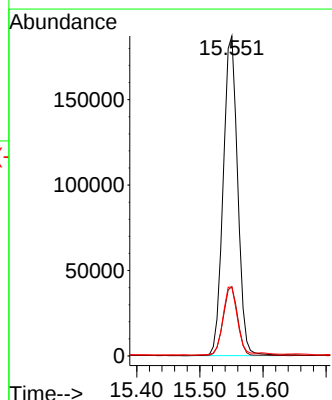
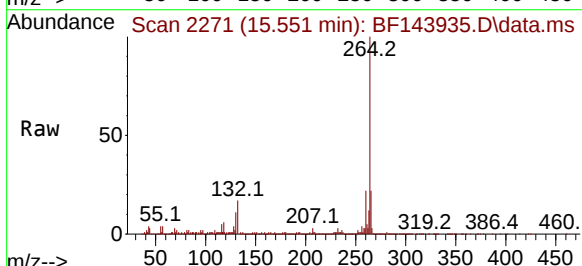
Tgt Ion:264 Resp: 297210

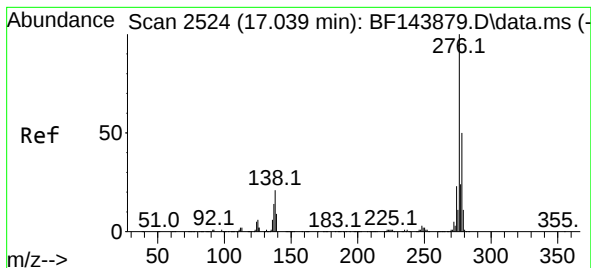
Ion Ratio Lower Upper

264 100

260 21.6 17.8 26.8

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.798 ng

RT: 17.056 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

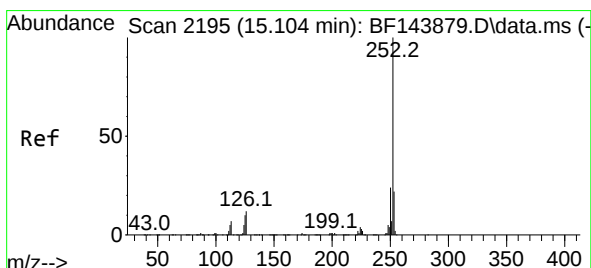
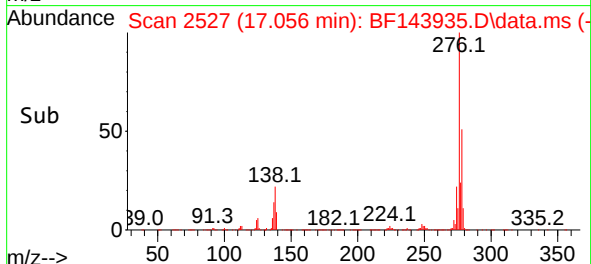
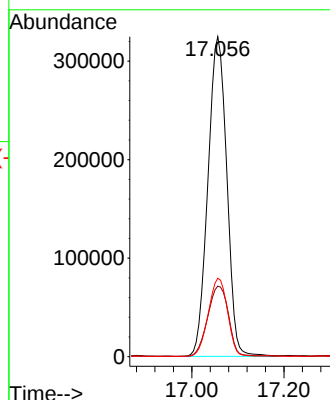
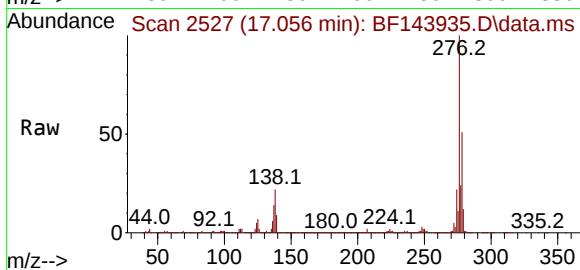
Tgt Ion:276 Resp: 925104

Ion Ratio Lower Upper

276 100

138 24.3 18.2 27.2

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 44.268 ng

RT: 15.115 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

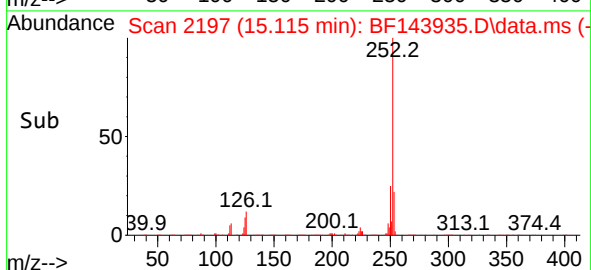
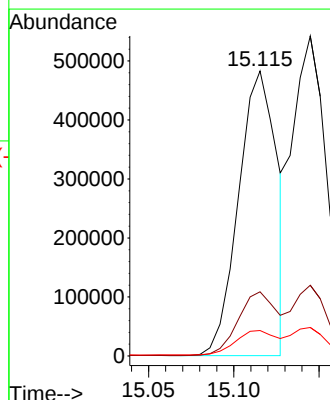
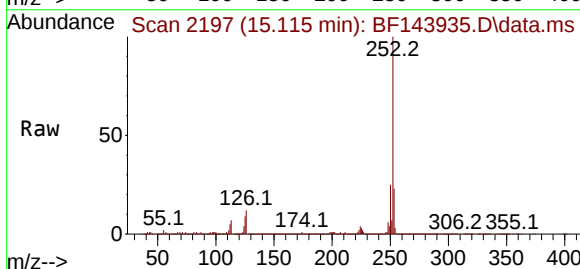
Tgt Ion:252 Resp: 755780

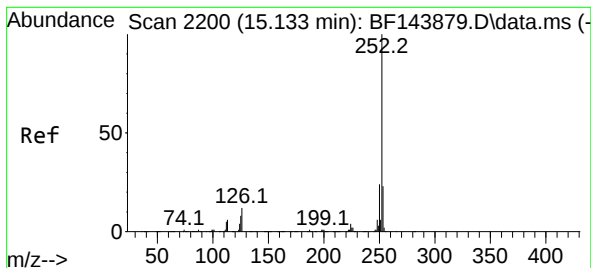
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 8.9 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 47.404 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

Instrument :

BNA\_F

ClientSampleId :

SED-04-0-2MS

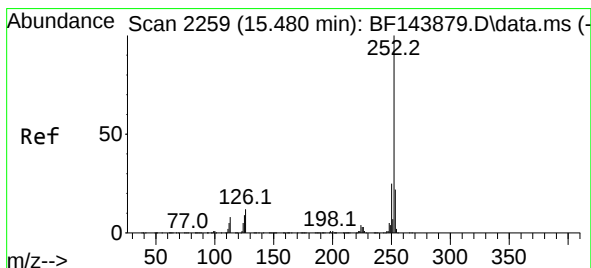
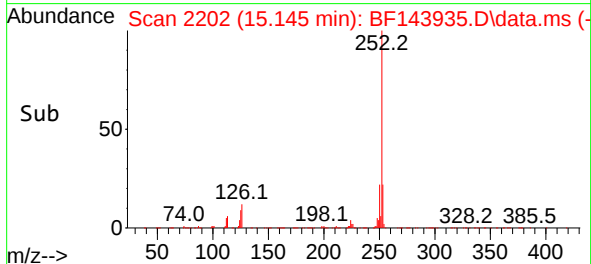
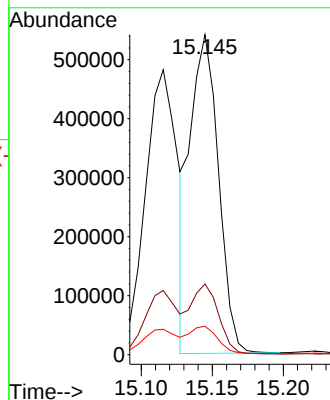
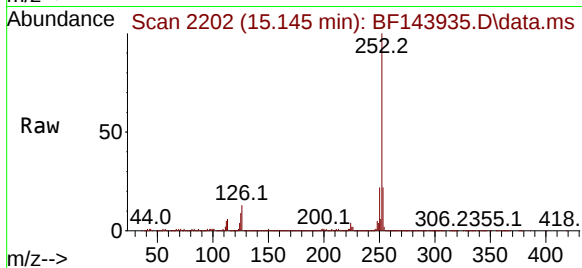
Tgt Ion:252 Resp: 748875

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 50.906 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143935.D

Acq: 13 Oct 2025 16:33

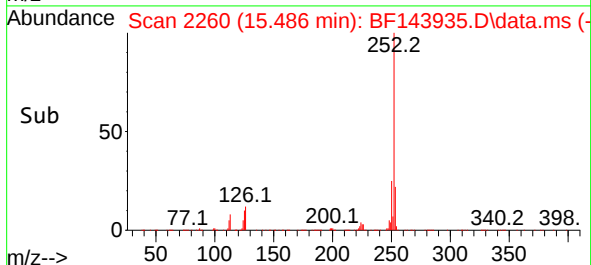
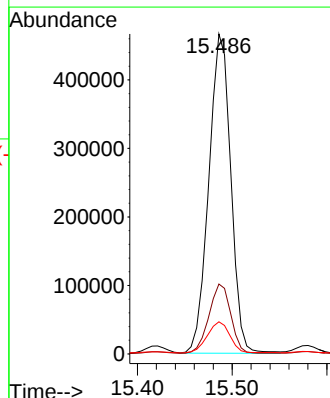
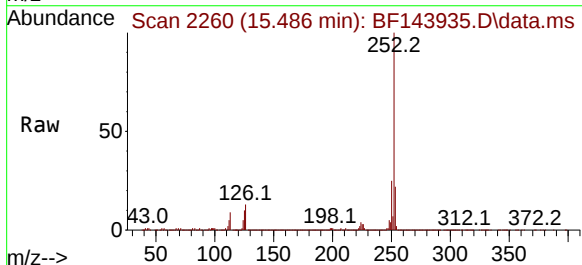
Tgt Ion:252 Resp: 753600

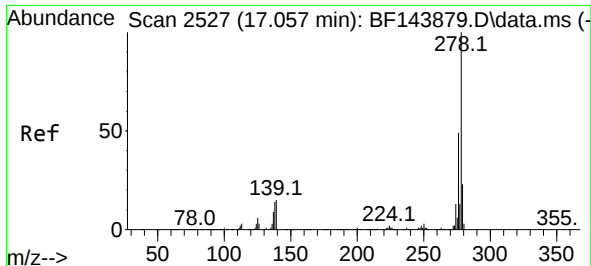
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.0 7.0 10.4

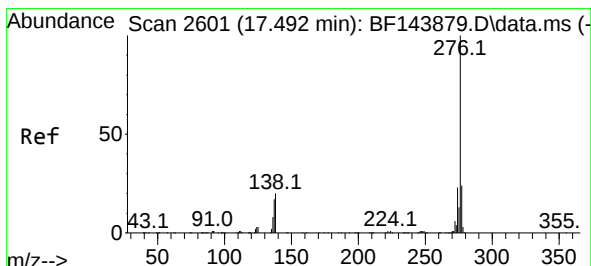
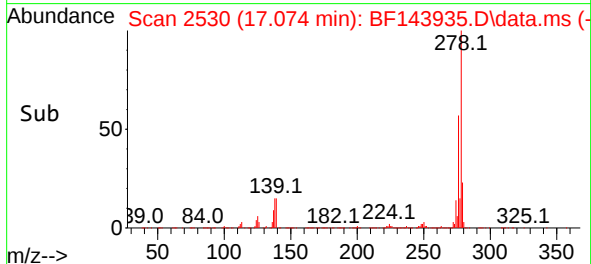
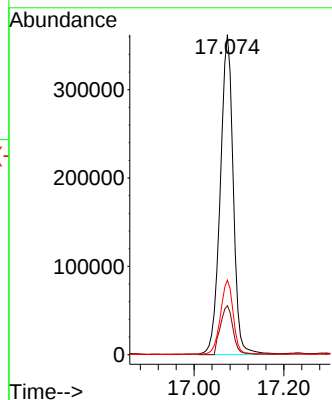
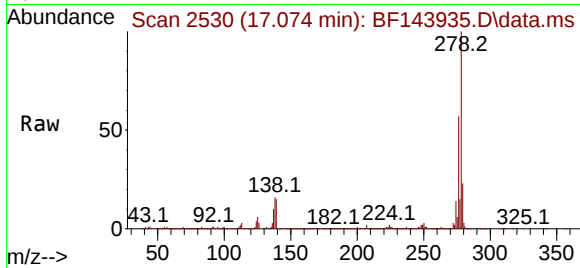




#91  
Dibenzo(a,h)anthracene  
Concen: 49.703 ng  
RT: 17.074 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Instrument :  
BNA\_F  
ClientSampleId :  
SED-04-0-2MS

Tgt Ion:278 Resp: 727986  
Ion Ratio Lower Upper  
278 100  
139 15.3 11.7 17.5  
279 23.3 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 50.247 ng  
RT: 17.515 min Scan# 2605  
Delta R.T. 0.000 min  
Lab File: BF143935.D  
Acq: 13 Oct 2025 16:33

Tgt Ion:276 Resp: 735960  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.0 28.6  
138 21.3 16.1 24.1

