

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030524\  
 Data File : BF137503.D  
 Acq On : 05 Mar 2024 16:32  
 Operator : CG\JU  
 Sample : P1672-05MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3MSD

Quant Time: Mar 05 16:50:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 00:26:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 177257   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.134  | 136  | 691022   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 376519   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 636957   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 334315   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.568 | 264  | 371646   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 958292   | 81.879 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 1320118  | 78.142 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 782285   | 52.601 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 260034   | 78.644 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 1291146  | 53.679 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 1335859  | 54.947 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.699  | 88   | 256401   | 40.066 | ng    | 99       |
| 3) Pyridine                   | 3.481  | 79   | 584369   | 37.863 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.457  | 42   | 281817   | 45.308 | ng    | 100      |
| 6) Aniline                    | 6.528  | 93   | 573682   | 27.791 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.645  | 128  | 557096   | 45.130 | ng    | 98       |
| 9) Benzaldehyde               | 6.410  | 77   | 302893   | 36.597 | ng    | 98       |
| 10) Phenol                    | 6.510  | 94   | 793063   | 43.614 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.598  | 93   | 574100   | 43.085 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.798  | 146  | 584787   | 44.333 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.875  | 146  | 606661   | 44.950 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.022  | 146  | 568458   | 45.889 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.998  | 79   | 513708   | 48.844 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.128  | 45   | 949420   | 41.452 | ng    | 99       |
| 17) 2-Methylphenol            | 7.116  | 107  | 444981   | 38.523 | ng    | 99       |
| 18) Hexachloroethane          | 7.363  | 117  | 205608   | 46.267 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.269  | 70   | 411541   | 39.449 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.263  | 107  | 536829   | 40.579 | ng    | # 89     |
| 22) Acetophenone              | 7.263  | 105  | 731261   | 43.737 | ng    | # 98     |
| 24) Nitrobenzene              | 7.434  | 77   | 640789   | 42.891 | ng    | 100      |
| 25) Isophorone                | 7.675  | 82   | 1196663  | 42.353 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.751  | 139  | 278431   | 46.942 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.792  | 122  | 392891   | 35.450 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.886  | 93   | 719353   | 43.392 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.992  | 162  | 453752   | 44.610 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.075  | 180  | 473492   | 44.235 | ng    | 99       |
| 31) Naphthalene               | 8.151  | 128  | 1567119  | 42.268 | ng    | 100      |
| 32) Benzoic acid              | 7.892  | 122  | 90359    | 18.598 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.204  | 127  | 204886   | 14.093 | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.269  | 225  | 274073   | 43.370 | ng    | 100      |
| 35) Caprolactam               | 8.575  | 113  | 143540m  | 41.617 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.692  | 107  | 491749   | 43.251 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.845  | 142  | 975579   | 41.276 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.945  | 142  | 907378   | 40.766 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.010  | 216  | 473314   | 45.028 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.998  | 237  | 344687   | 80.316 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.128  | 196  | 302883   | 44.248 | ng    | 94       |

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 Sample : P1672-05MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

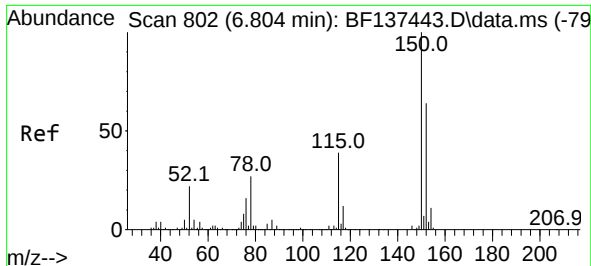
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3MSD

Quant Time: Mar 05 16:50:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 00:26:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 325313   | 41.256 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.310  | 154  | 1217464  | 44.178 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.333  | 162  | 943734   | 44.917 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.439  | 65   | 329538   | 46.145 | ng    | 99       |
| 49) Acenaphthylene            | 9.751  | 152  | 1518393  | 45.158 | ng    | 100      |
| 50) Dimethylphthalate         | 9.616  | 163  | 1134859  | 43.299 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.680  | 165  | 245089   | 44.707 | ng    | 94       |
| 52) Acenaphthene              | 9.922  | 154  | 838184   | 41.755 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.851  | 138  | 165844   | 28.600 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 118686   | 48.049 | ng    | 96       |
| 55) Dibenzofuran              | 10.098 | 168  | 1301303  | 42.562 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 322382   | 78.250 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.086 | 165  | 313883   | 46.604 | ng    | 97       |
| 58) Fluorene                  | 10.445 | 166  | 968241   | 41.236 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.216 | 232  | 258030   | 40.807 | ng    | 94       |
| 60) Diethylphthalate          | 10.322 | 149  | 1070325  | 43.244 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.433 | 204  | 467229   | 40.602 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 214582   | 43.056 | ng    | 97       |
| 63) Azobenzene                | 10.598 | 77   | 1217045  | 42.703 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 125205   | 35.268 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.557 | 169  | 892496   | 43.513 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.927 | 248  | 303032   | 43.680 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.986 | 284  | 325540   | 46.459 | ng    | 99       |
| 69) Atrazine                  | 11.092 | 200  | 285684   | 45.818 | ng    | 96       |
| 70) Pentachlorophenol         | 11.186 | 266  | 272410   | 64.310 | ng    | 100      |
| 71) Phenanthrene              | 11.410 | 178  | 1487375  | 42.908 | ng    | 99       |
| 72) Anthracene                | 11.463 | 178  | 1532941  | 43.057 | ng    | 100      |
| 73) Carbazole                 | 11.622 | 167  | 1340930  | 43.971 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1654324  | 45.595 | ng    | 100      |
| 75) Fluoranthene              | 12.604 | 202  | 1445071  | 42.648 | ng    | 100      |
| 77) Benzidine                 | 12.739 | 184  | 500291   | 61.149 | ng    | 97       |
| 78) Pyrene                    | 12.833 | 202  | 1438435  | 43.850 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.468 | 149  | 488588   | 58.320 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 1051432  | 44.872 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 196847   | 31.546 | ng    | 99       |
| 83) Chrysene                  | 14.074 | 228  | 1050065  | 44.339 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 666802   | 62.621 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.663 | 149  | 1173406  | 56.106 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.151 | 276  | 1063486  | 43.484 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 978372   | 44.503 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 992795   | 42.044 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 948452   | 43.779 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.174 | 278  | 850887   | 42.888 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.627 | 276  | 802028   | 39.363 | ng    | 99       |

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

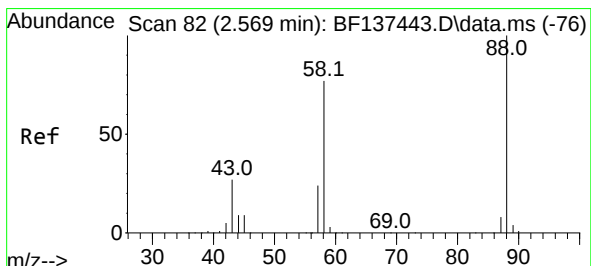
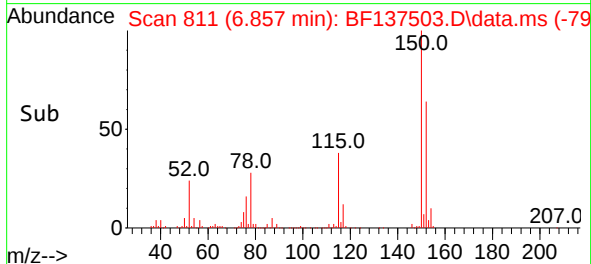
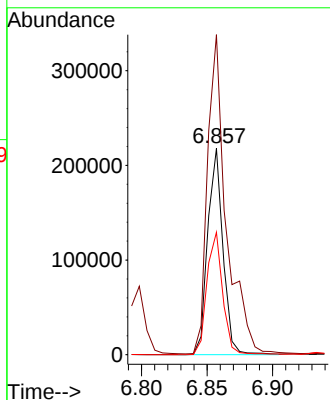
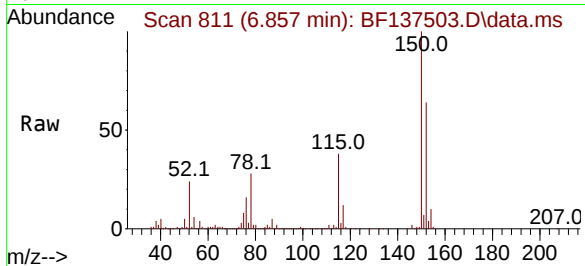




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.857 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF137503.D  
 Acq: 05 Mar 2024 16:32

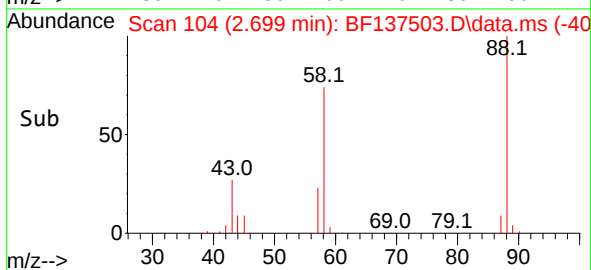
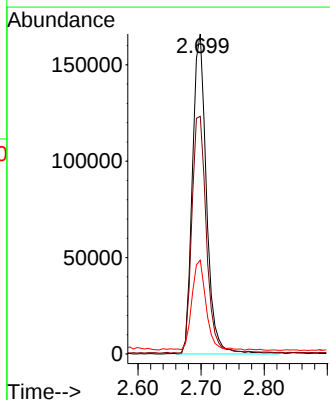
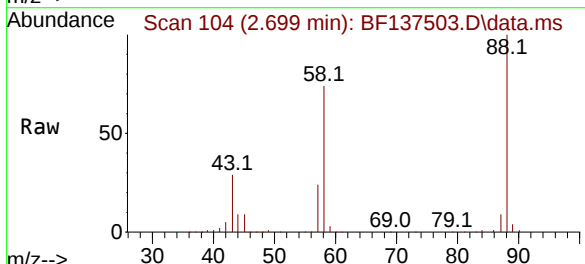
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3MSD

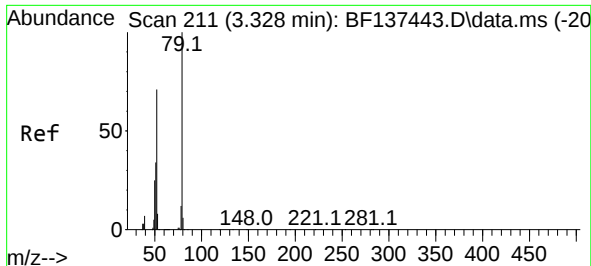
Tgt Ion:152 Resp: 177257  
 Ion Ratio Lower Upper  
 152 100  
 150 155.2 125.8 188.6  
 115 59.3 48.8 73.2



#2  
 1,4-Dioxane  
 Concen: 40.066 ng  
 RT: 2.699 min Scan# 104  
 Delta R.T. 0.024 min  
 Lab File: BF137503.D  
 Acq: 05 Mar 2024 16:32

Tgt Ion: 88 Resp: 256401  
 Ion Ratio Lower Upper  
 88 100  
 58 76.0 61.8 92.8  
 43 28.4 22.2 33.4

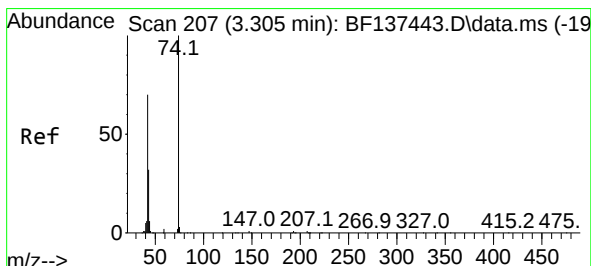
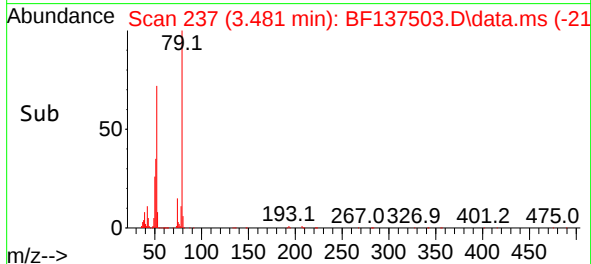
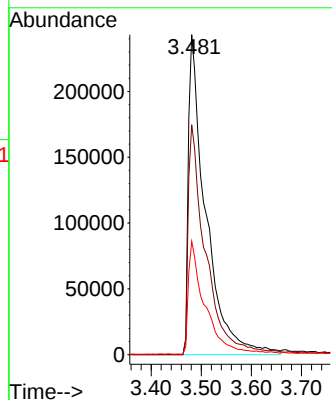
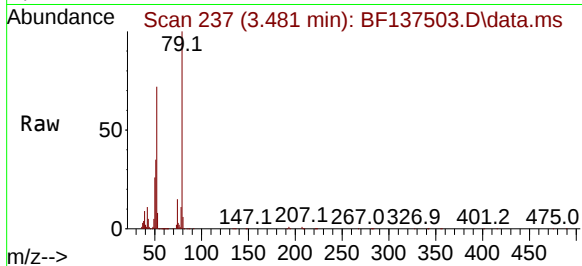




#3  
Pyridine  
Concen: 37.863 ng  
RT: 3.481 min Scan# 211  
Delta R.T. 0.018 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

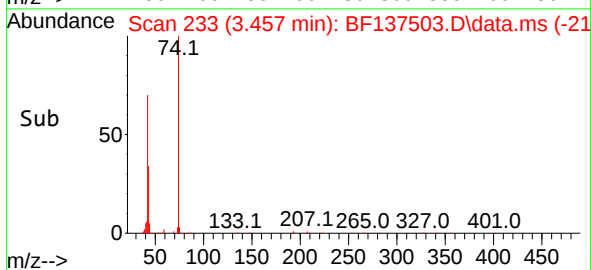
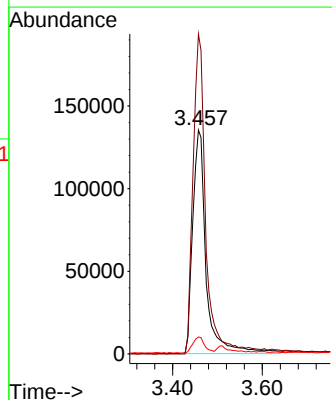
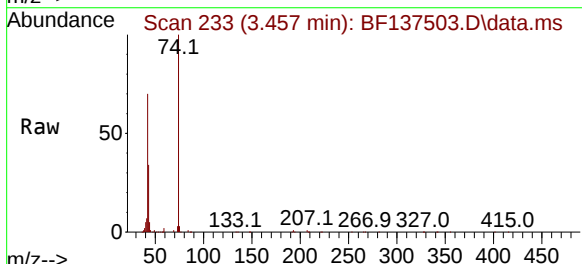
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

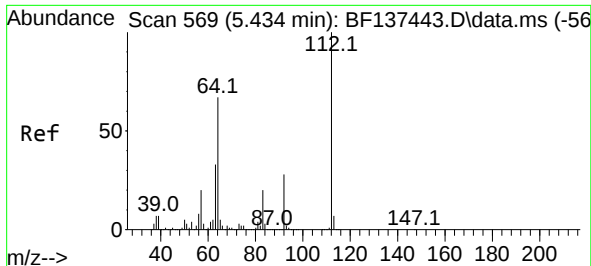
Tgt Ion: 79 Resp: 584369  
Ion Ratio Lower Upper  
79 100  
52 71.8 57.0 85.4  
51 35.4 27.5 41.3



#4  
n-Nitrosodimethylamine  
Concen: 45.308 ng  
RT: 3.457 min Scan# 233  
Delta R.T. 0.012 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion: 42 Resp: 281817  
Ion Ratio Lower Upper  
42 100  
74 142.8 114.0 171.0  
44 7.6 7.0 10.4

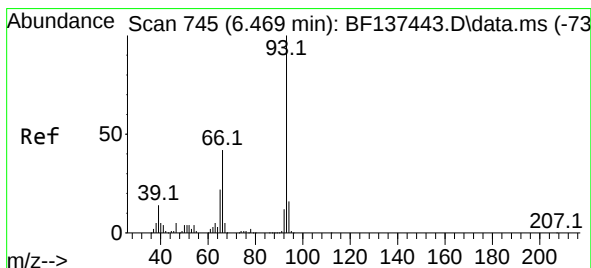
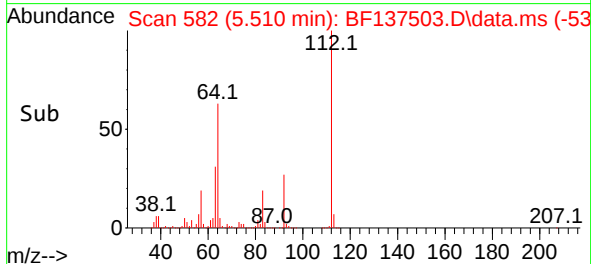
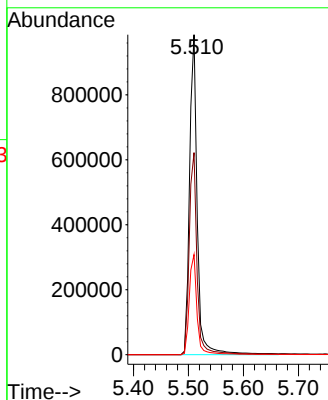
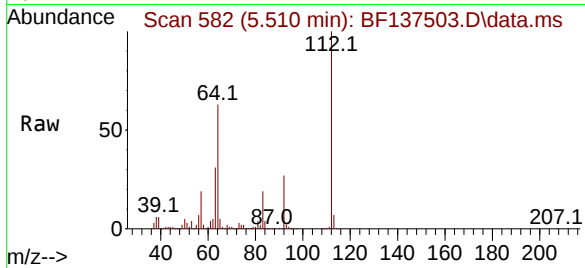




#5  
2-Fluorophenol  
Concen: 81.879 ng  
RT: 5.510 min Scan# 510  
Delta R.T. 0.000 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

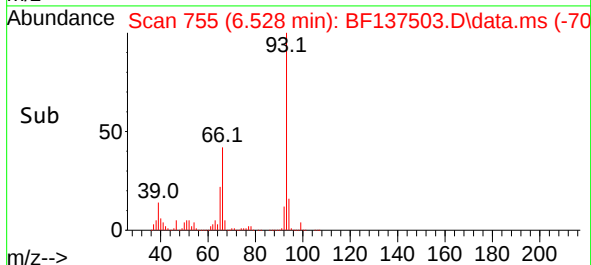
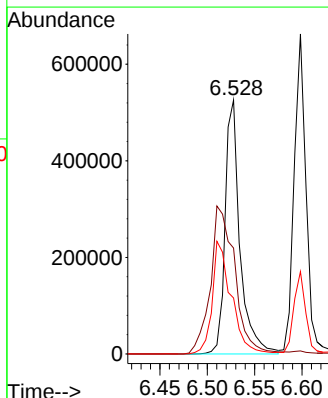
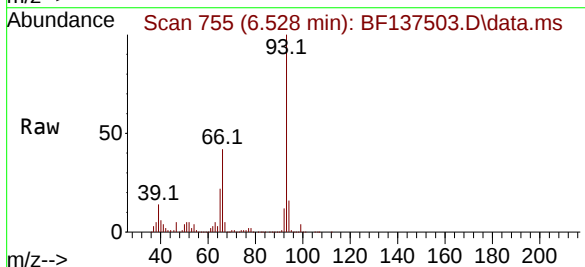
Instrument :  
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ClientSampleId :  
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Tgt Ion:112 Resp: 958292  
Ion Ratio Lower Upper  
112 100  
64 63.1 53.4 80.2  
63 31.3 26.2 39.2



#6  
Aniline  
Concen: 27.791 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion: 93 Resp: 573682  
Ion Ratio Lower Upper  
93 100  
66 41.7 34.0 51.0  
65 22.1 17.8 26.8

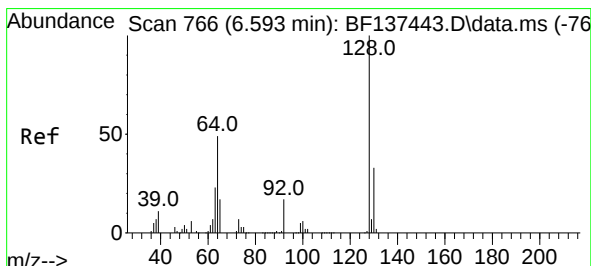
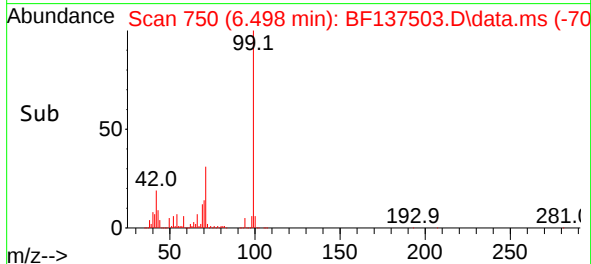
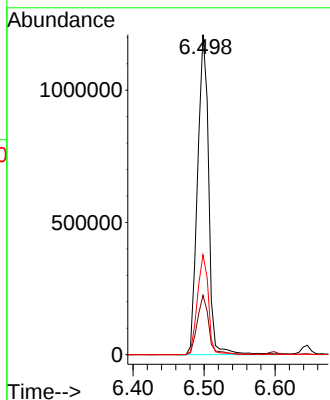
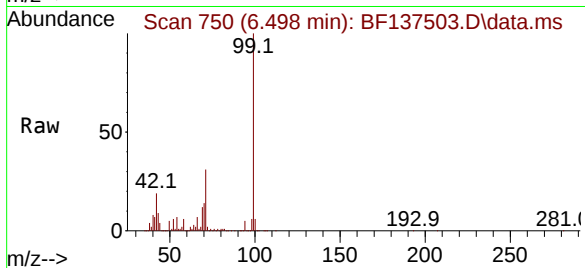




#7  
Phenol-d6  
Concen: 78.142 ng  
RT: 6.498 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

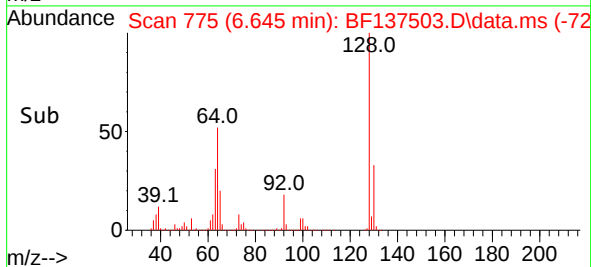
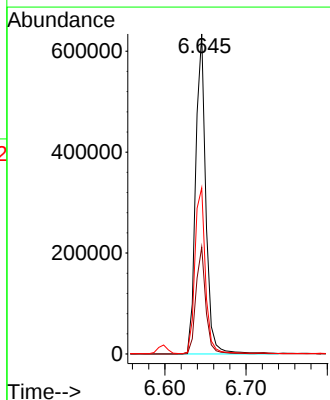
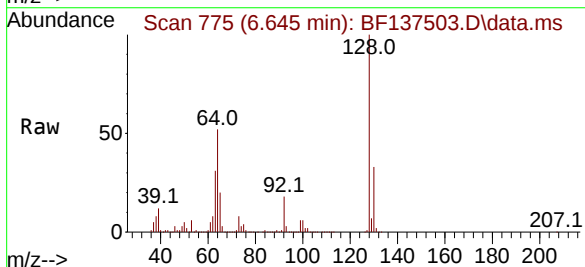
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BNA\_F  
ClientSampleId :  
TP-3MSD

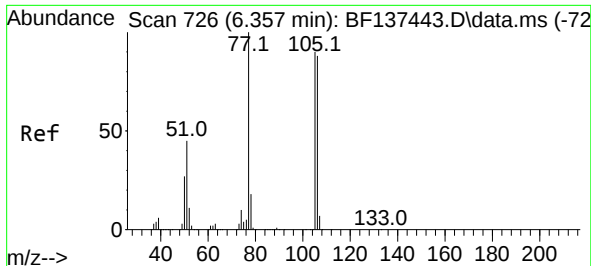
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Ion Ratio Lower Upper  
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42 18.5 14.6 21.8  
71 31.2 25.3 37.9



#8  
2-Chlorophenol  
Concen: 45.130 ng  
RT: 6.645 min Scan# 775  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:128 Resp: 557096  
Ion Ratio Lower Upper  
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130 33.4 13.4 53.4  
64 51.9 30.0 70.0

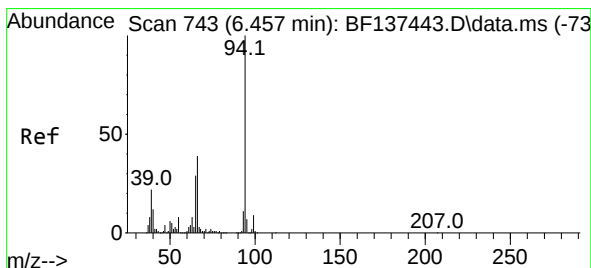
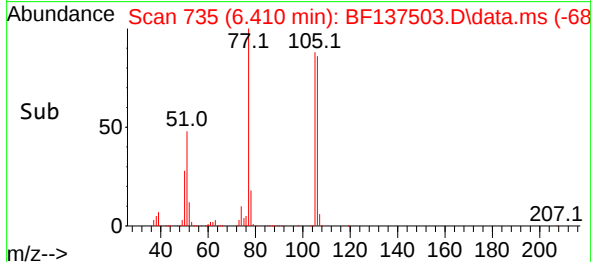
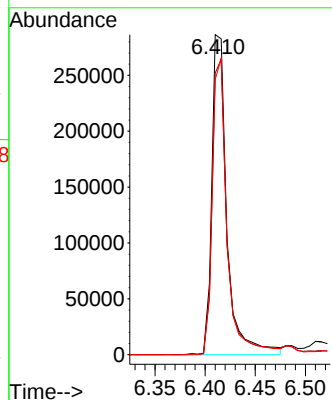
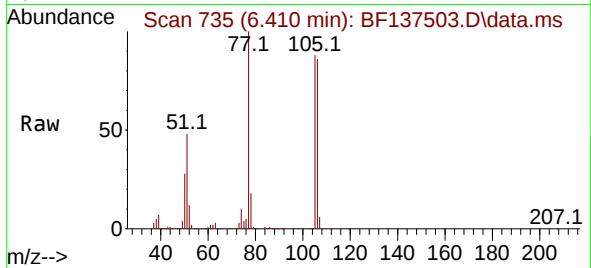




#9  
Benzaldehyde  
Concen: 36.597 ng  
RT: 6.410 min Scan# 710  
Delta R.T. -0.012 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

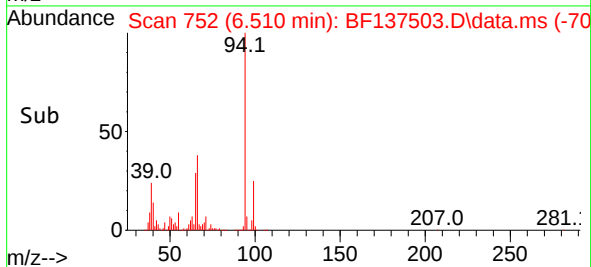
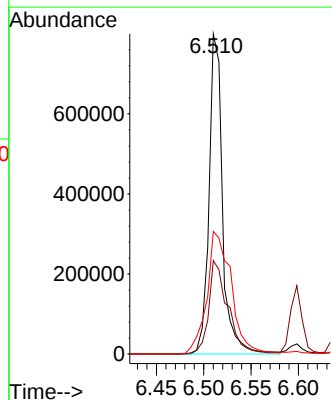
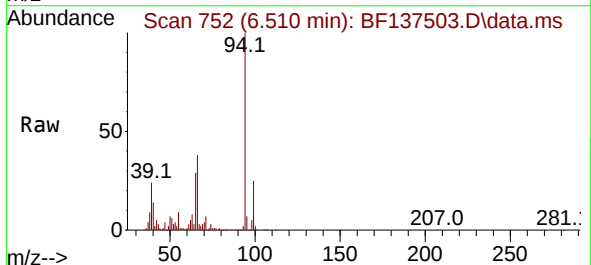
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

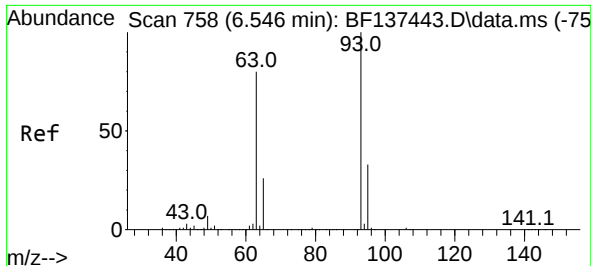
Tgt Ion: 77 Resp: 302893  
Ion Ratio Lower Upper  
77 100  
105 88.0 69.8 109.8  
106 85.9 67.8 107.8



#10  
Phenol  
Concen: 43.614 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion: 94 Resp: 793063  
Ion Ratio Lower Upper  
94 100  
65 29.2 8.7 48.7  
66 38.3 18.6 58.6

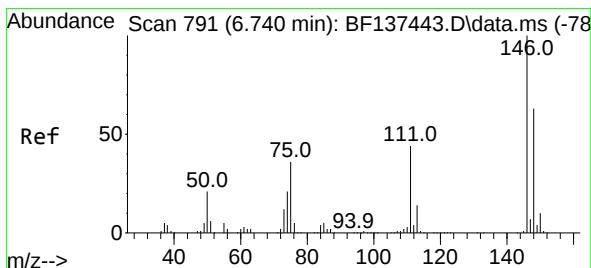
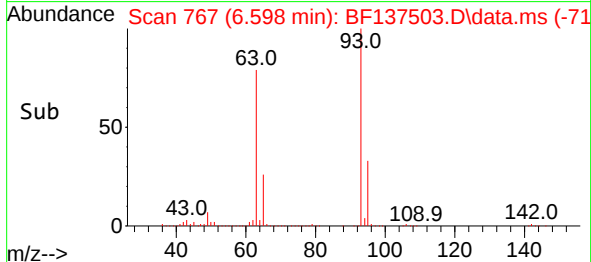
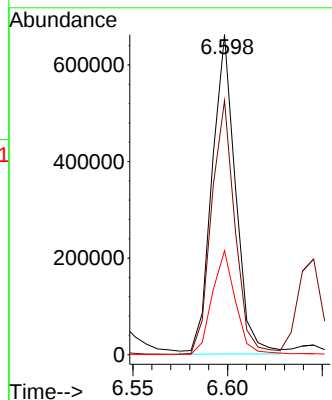
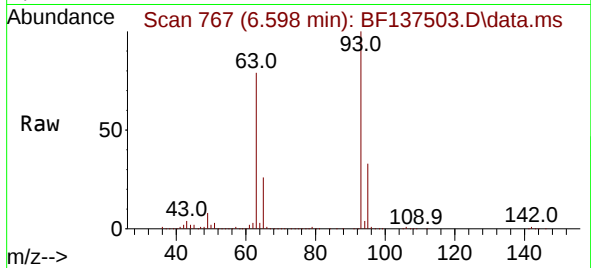




#11  
bis(2-Chloroethyl)ether  
Concen: 43.085 ng  
RT: 6.598 min Scan# 701  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

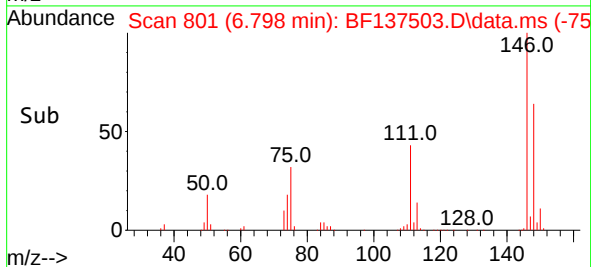
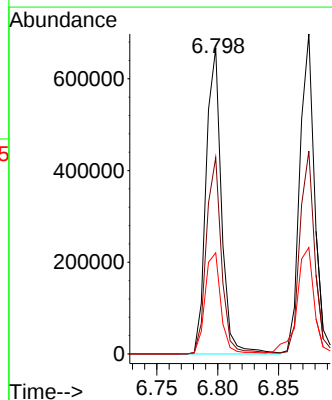
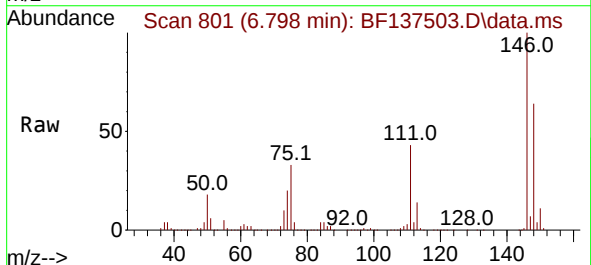
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

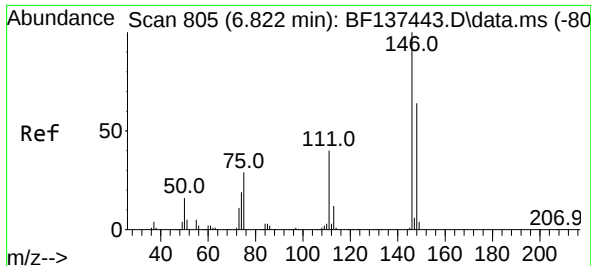
Tgt Ion: 93 Resp: 574100  
Ion Ratio Lower Upper  
93 100  
63 79.4 58.9 98.9  
95 32.5 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 44.333 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:146 Resp: 584787  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.3 75.5  
75 33.0 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 44.950 ng

RT: 6.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF137503.D

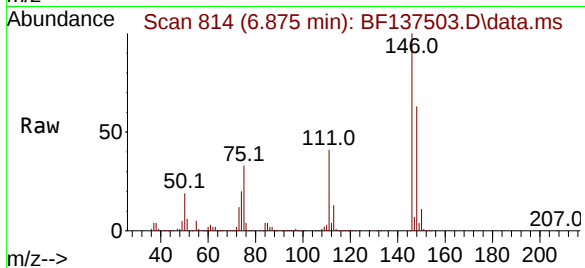
Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD



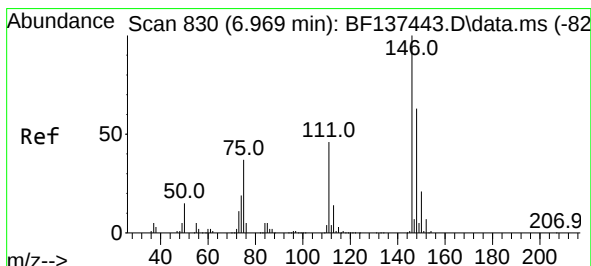
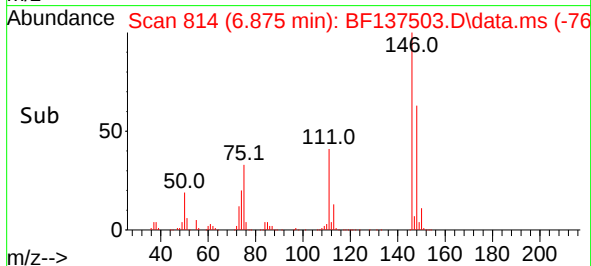
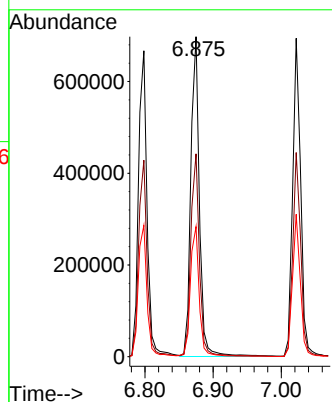
Tgt Ion:146 Resp: 606661

Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

111 40.7 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 45.889 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

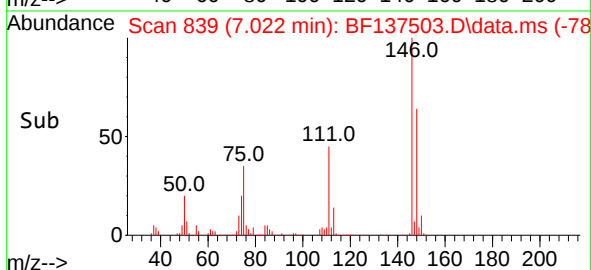
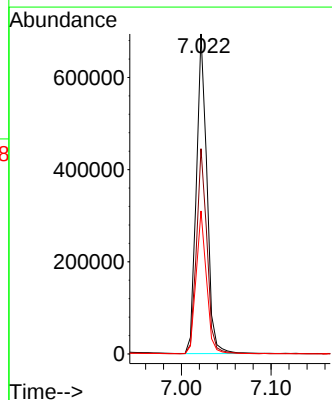
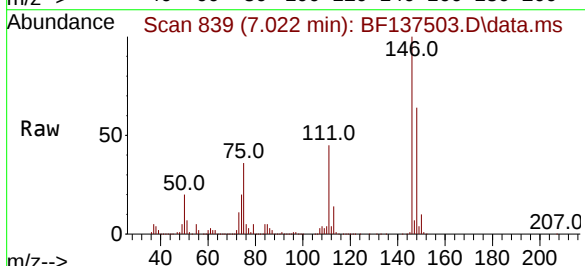
Tgt Ion:146 Resp: 568458

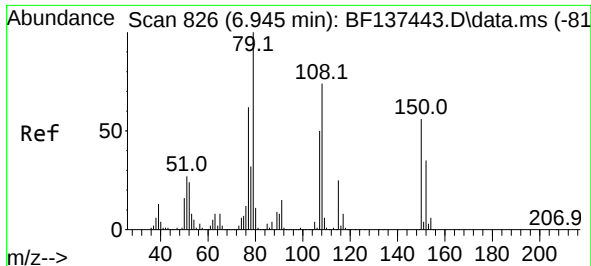
Ion Ratio Lower Upper

146 100

148 64.1 50.0 75.0

111 44.7 36.8 55.2

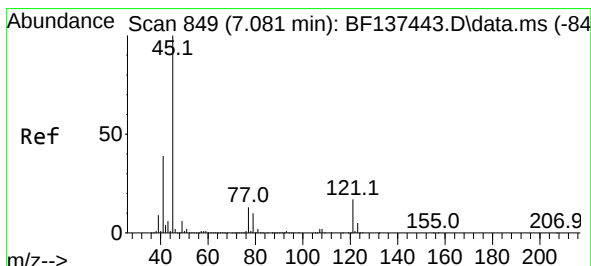
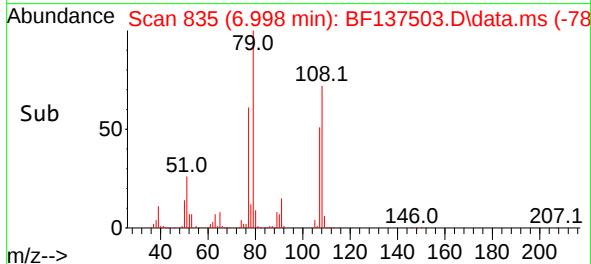
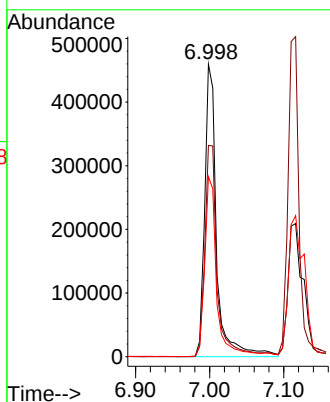
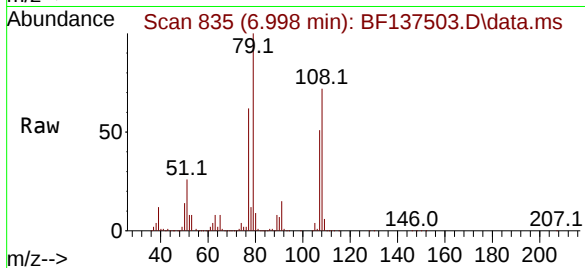




#15  
Benzyl Alcohol  
Concen: 48.844 ng  
RT: 6.998 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

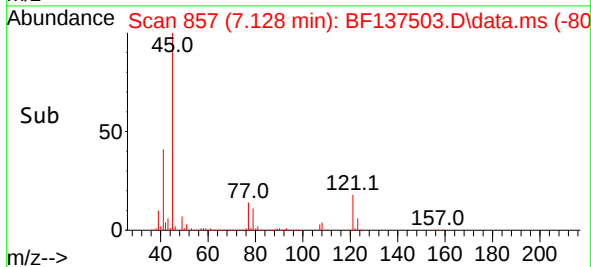
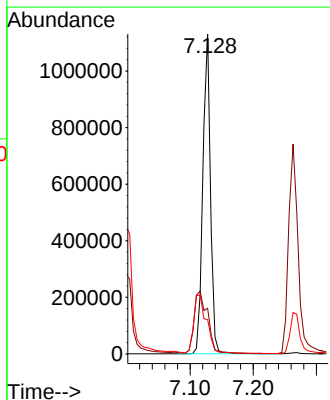
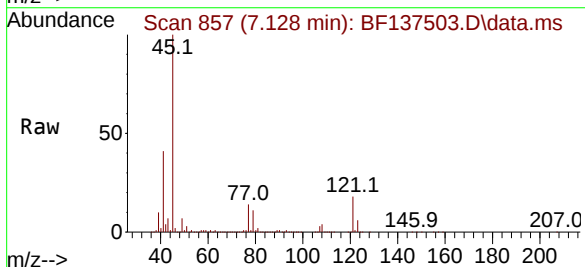
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

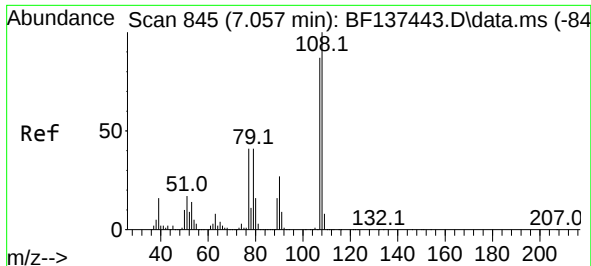
Tgt Ion: 79 Resp: 513708  
Ion Ratio Lower Upper  
79 100  
108 72.2 59.5 89.3  
77 61.5 50.0 75.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.452 ng  
RT: 7.128 min Scan# 857  
Delta R.T. -0.012 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion: 45 Resp: 949420  
Ion Ratio Lower Upper  
45 100  
77 14.2 0.0 33.4  
79 10.7 0.0 30.9

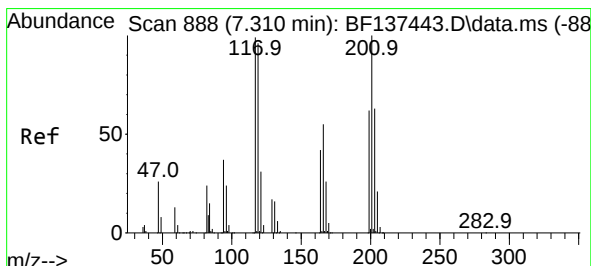
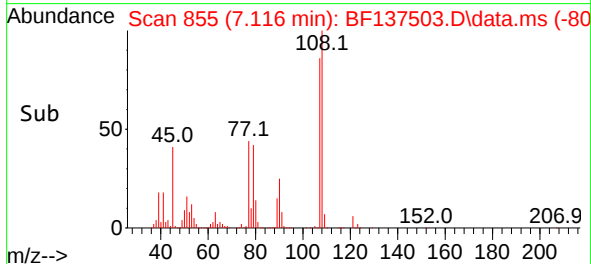
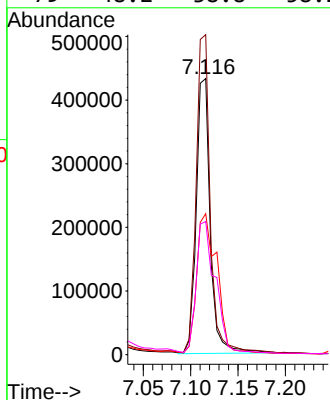
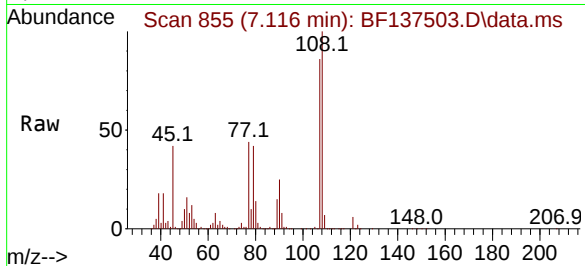




#17  
2-Methylphenol  
Concen: 38.523 ng  
RT: 7.116 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

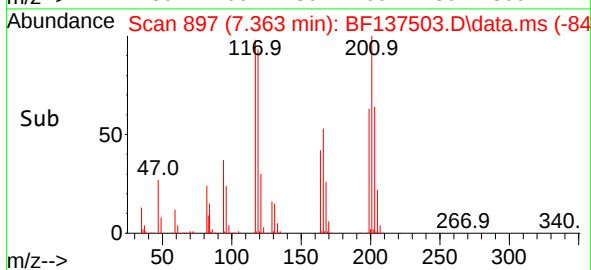
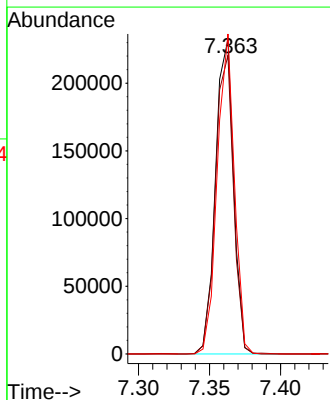
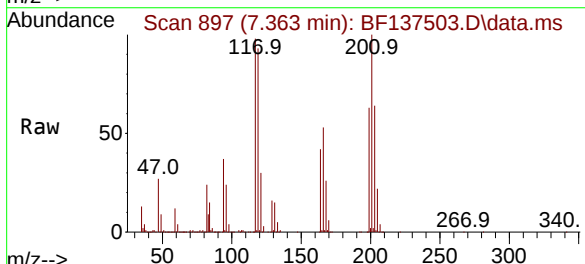
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

Tgt Ion:107 Resp: 444981  
Ion Ratio Lower Upper  
107 100  
108 115.9 92.2 138.4  
77 51.0 38.6 57.8  
79 48.2 38.8 58.2



#18  
Hexachloroethane  
Concen: 46.267 ng  
RT: 7.363 min Scan# 897  
Delta R.T. 0.000 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:117 Resp: 205608  
Ion Ratio Lower Upper  
117 100  
119 94.9 77.5 116.3  
201 101.7 80.6 121.0

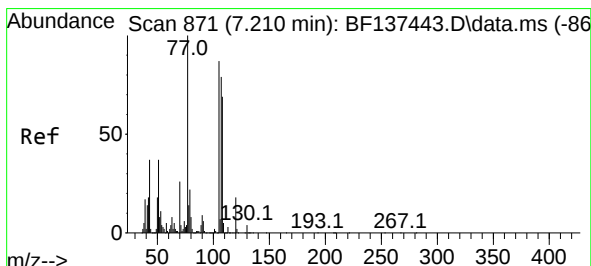
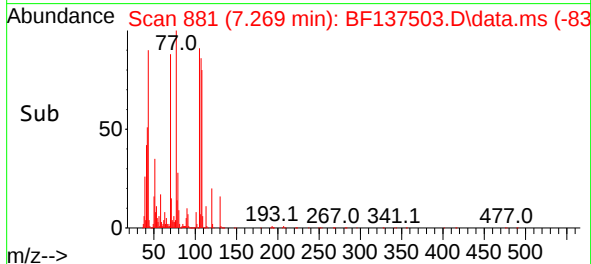
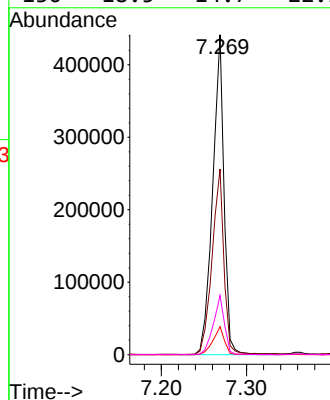
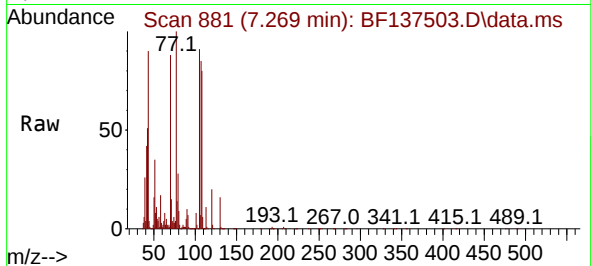




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.449 ng  
RT: 7.269 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

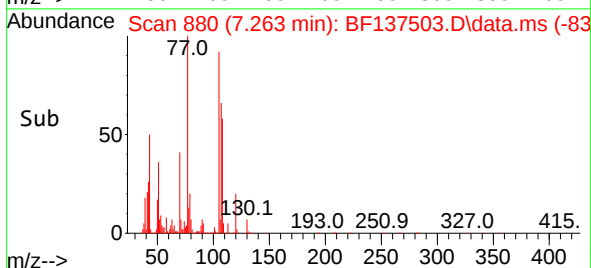
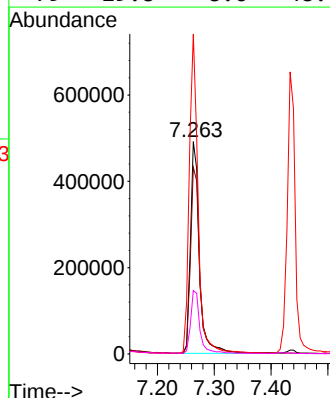
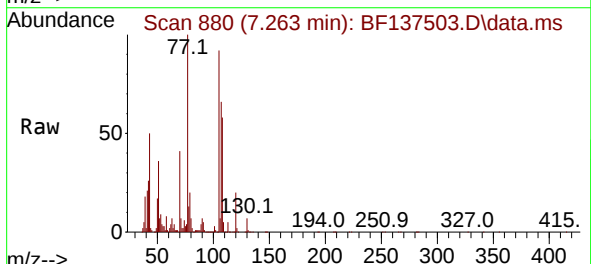
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

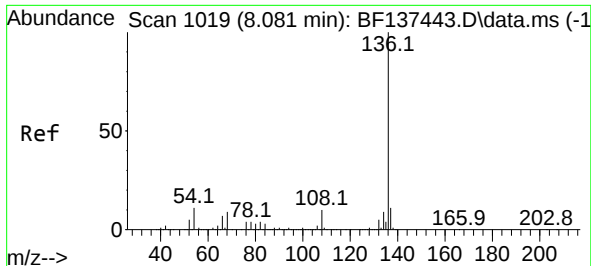
Tgt Ion: 70 Resp: 411541  
Ion Ratio Lower Upper  
70 100  
42 58.0 45.2 67.8  
101 8.7 7.3 10.9  
130 18.5 14.7 22.1



#20  
3+4-Methylphenols  
Concen: 40.579 ng  
RT: 7.263 min Scan# 880  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:107 Resp: 536829  
Ion Ratio Lower Upper  
107 100  
108 87.9 67.6 107.6  
77 150.7 107.1 147.1#  
79 29.8 8.6 48.6



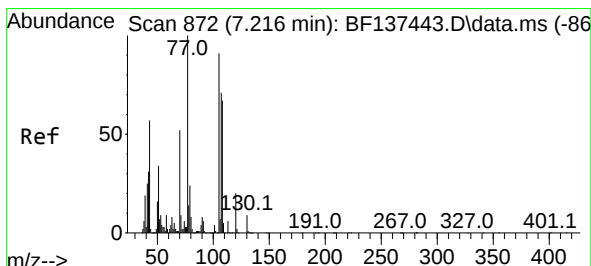
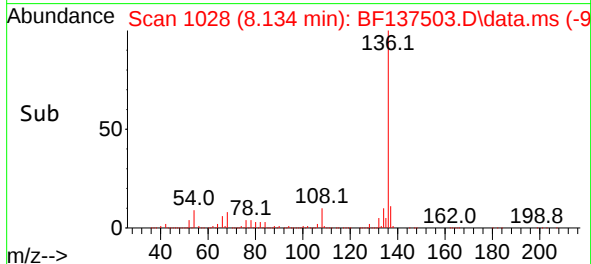
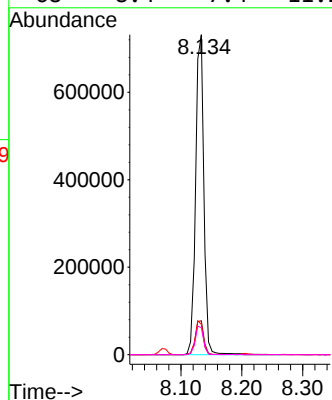
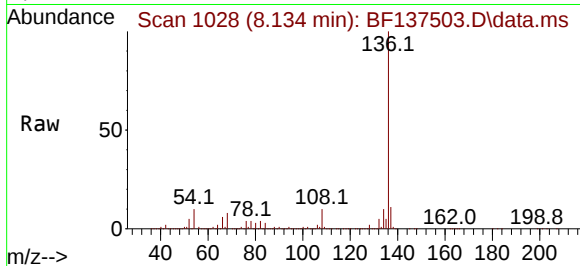


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.134 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

Tgt Ion:136 Resp: 691022

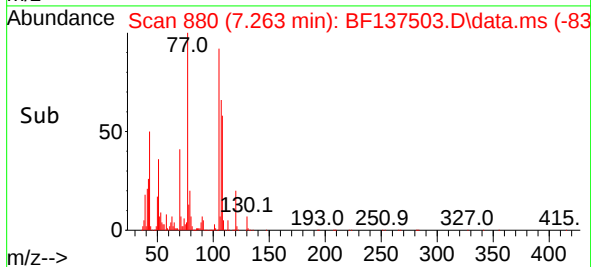
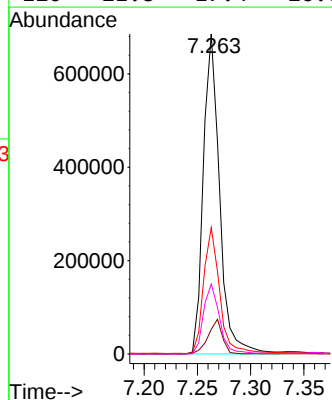
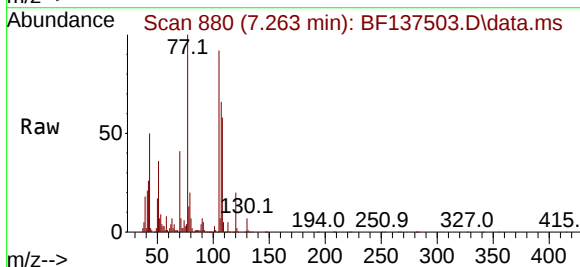
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 9.1   | 13.7  |
| 54  | 9.5   | 8.5   | 12.7  |
| 68  | 8.4   | 7.4   | 11.2  |

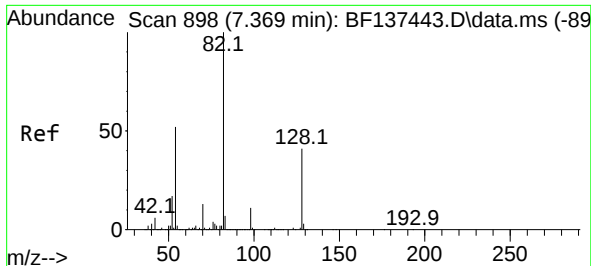


#22  
Acetophenone  
Concen: 43.737 ng  
RT: 7.263 min Scan# 880  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:105 Resp: 731261

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.6   | 7.7   | 11.5# |
| 51  | 39.5  | 30.4  | 45.6  |
| 120 | 21.8  | 17.4  | 26.0  |





#23

Nitrobenzene-d5

Concen: 52.601 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

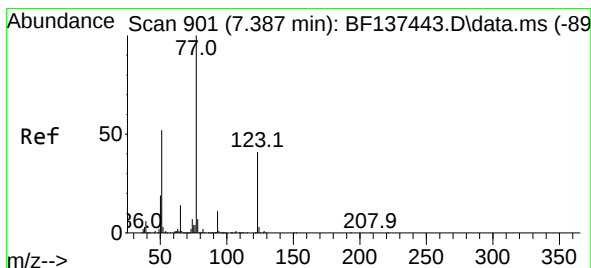
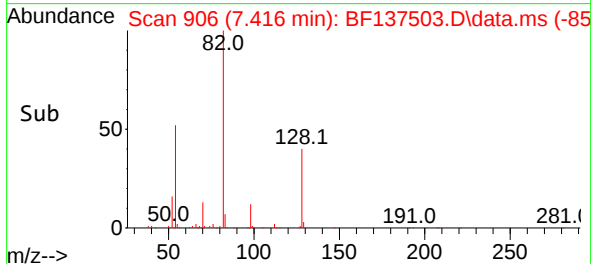
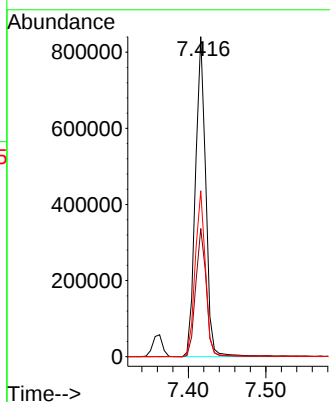
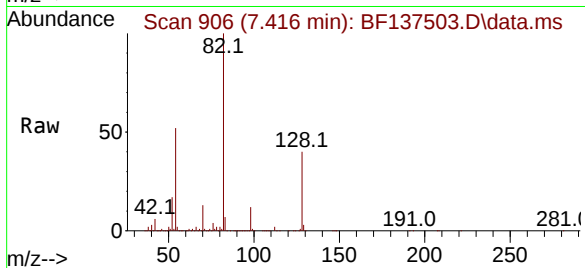
Tgt Ion: 82 Resp: 782285

Ion Ratio Lower Upper

82 100

128 40.0 32.5 48.7

54 51.8 41.5 62.3



#24

Nitrobenzene

Concen: 42.891 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

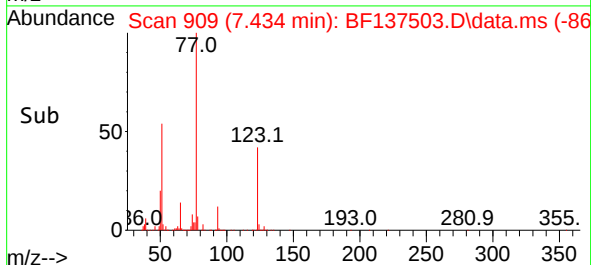
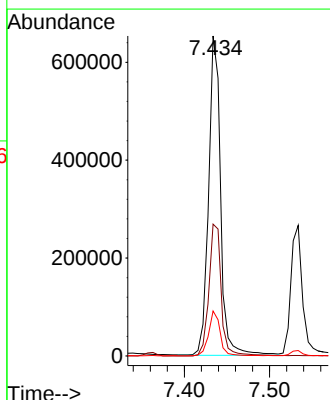
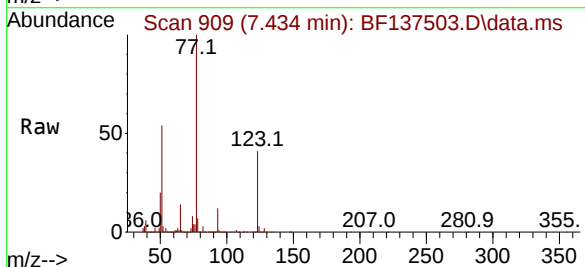
Tgt Ion: 77 Resp: 640789

Ion Ratio Lower Upper

77 100

123 41.2 33.0 49.6

65 14.1 10.9 16.3

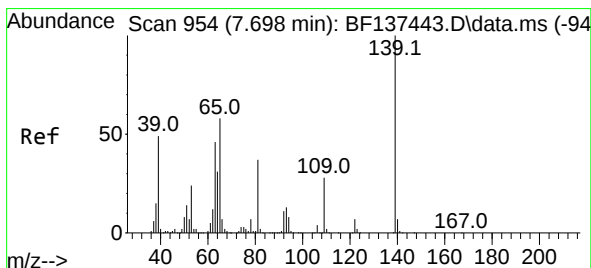
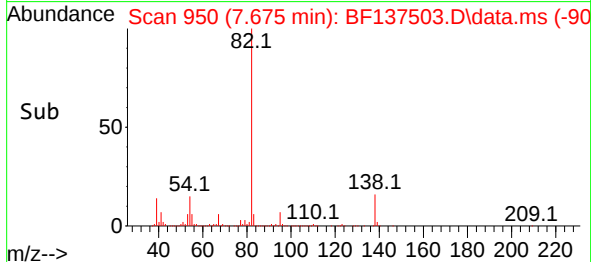
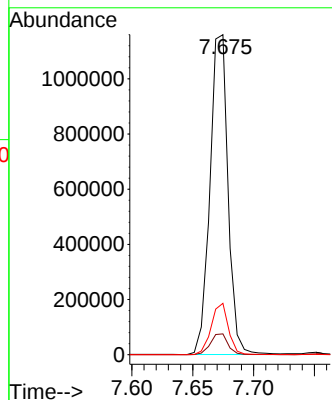
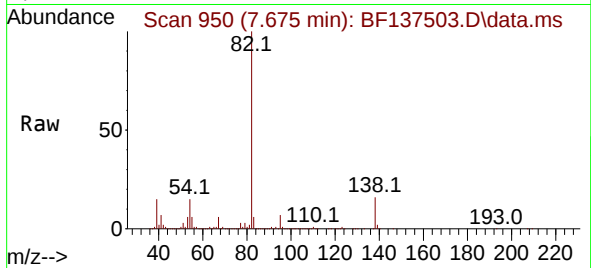




#25  
Isophorone  
Concen: 42.353 ng  
RT: 7.675 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

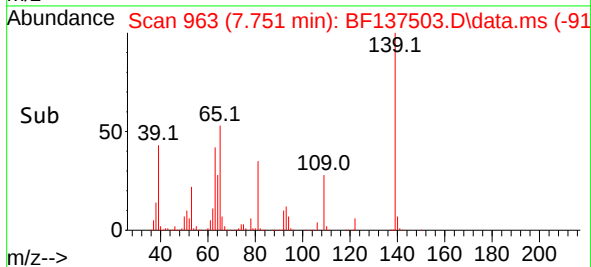
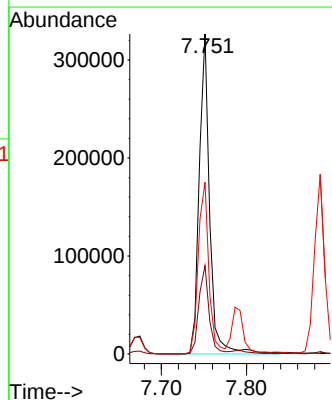
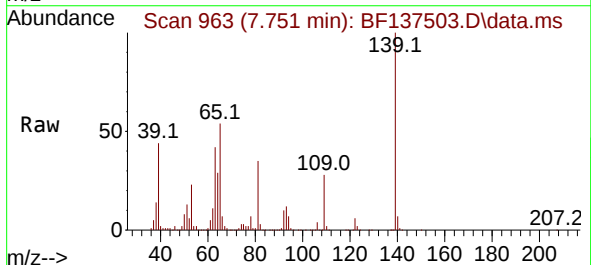
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

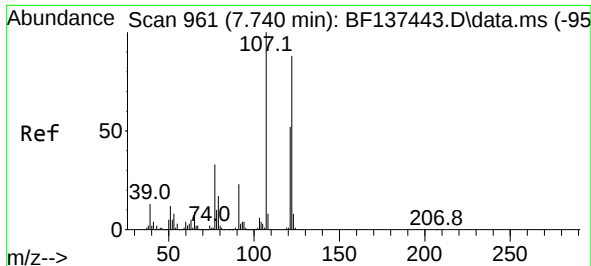
Tgt Ion: 82 Resp: 1196663  
Ion Ratio Lower Upper  
82 100  
95 6.5 5.1 7.7  
138 16.1 11.8 17.8



#26  
2-Nitrophenol  
Concen: 46.942 ng  
RT: 7.751 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:139 Resp: 278431  
Ion Ratio Lower Upper  
139 100  
109 27.6 22.2 33.4  
65 53.7 46.2 69.2

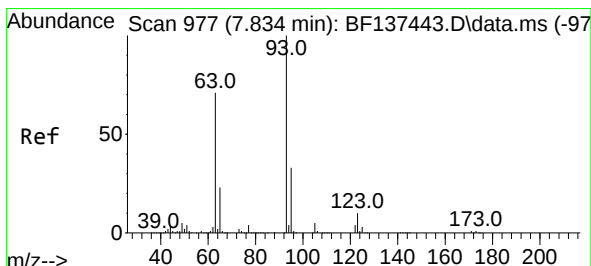
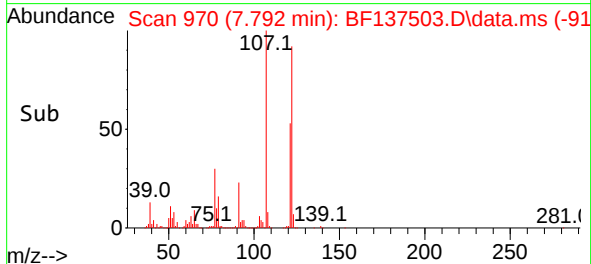
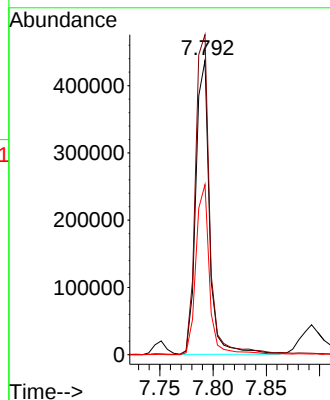
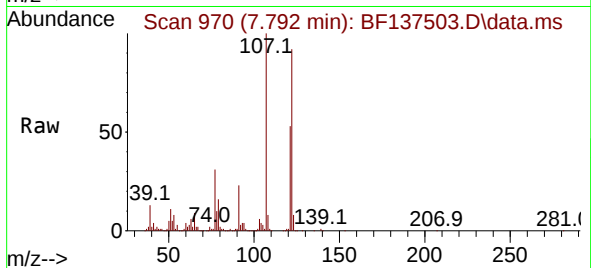




#27  
2,4-Dimethylphenol  
Concen: 35.450 ng  
RT: 7.792 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

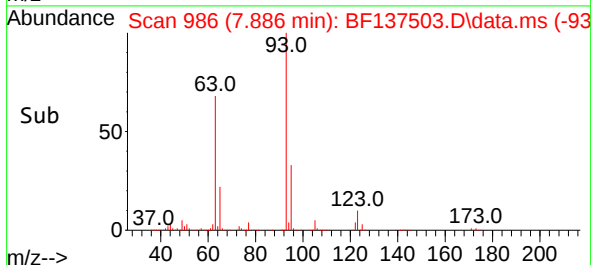
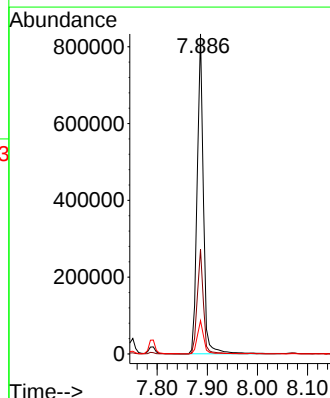
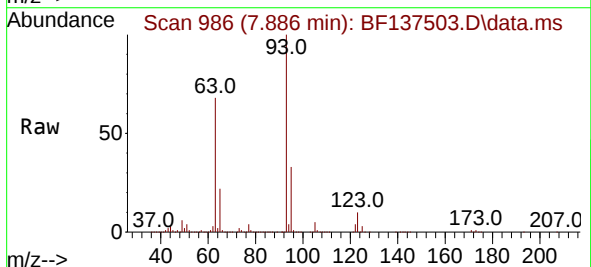
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

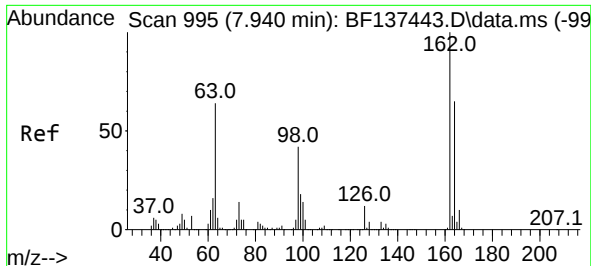
Tgt Ion:122 Resp: 392891  
Ion Ratio Lower Upper  
122 100  
107 108.7 90.9 136.3  
121 57.8 47.0 70.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.392 ng  
RT: 7.886 min Scan# 986  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion: 93 Resp: 719353  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.5 39.7  
123 10.4 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 44.610 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

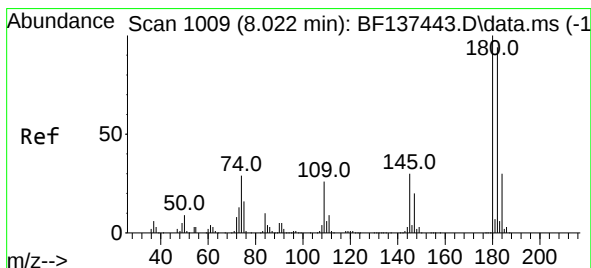
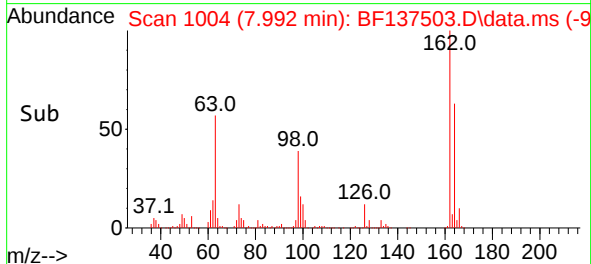
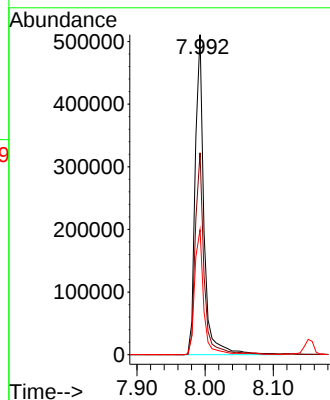
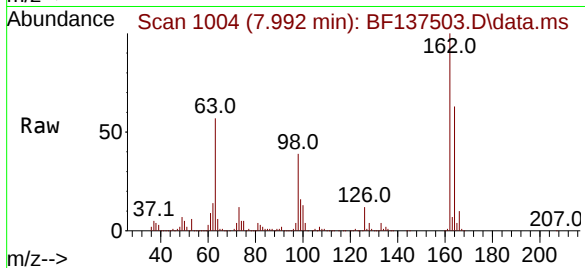
Tgt Ion:162 Resp: 453752

Ion Ratio Lower Upper

162 100

164 63.1 44.7 84.7

98 39.1 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 44.235 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

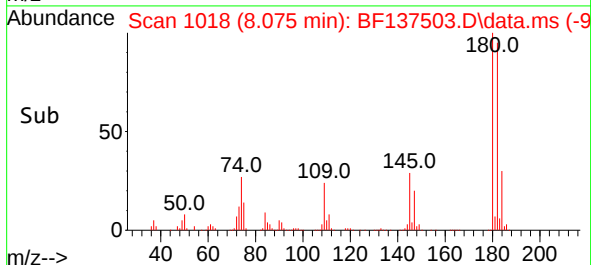
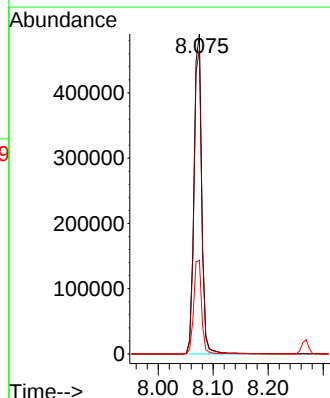
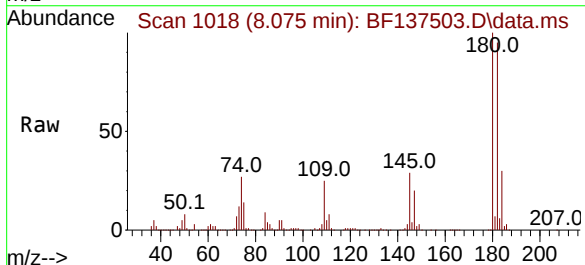
Tgt Ion:180 Resp: 473492

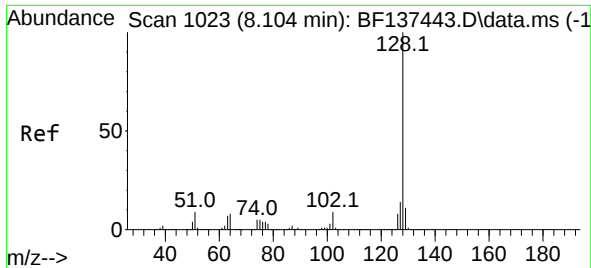
Ion Ratio Lower Upper

180 100

182 95.2 75.0 112.6

145 29.2 23.7 35.5

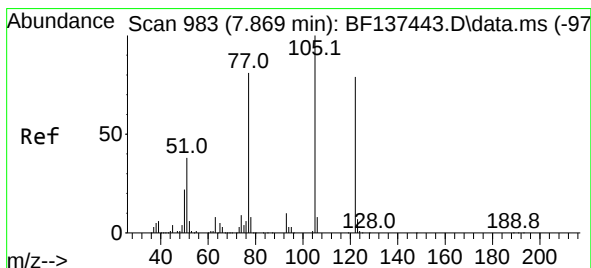
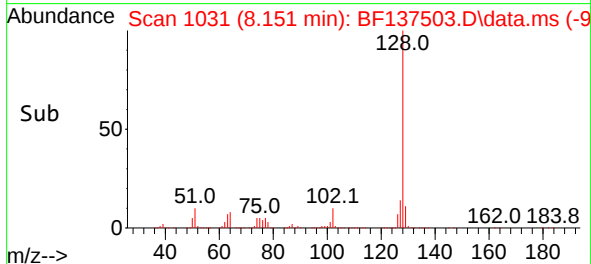
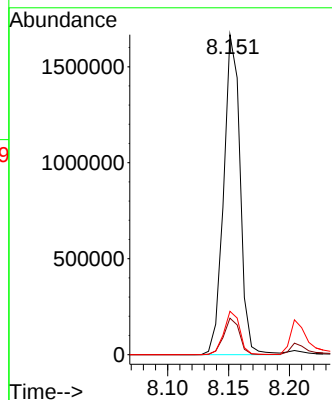
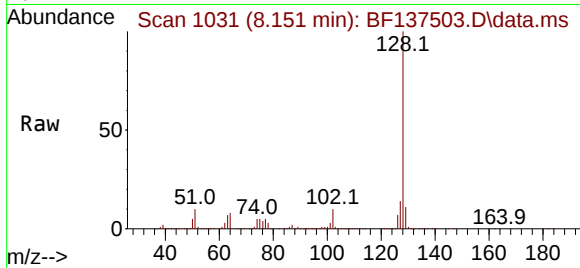




#31  
Naphthalene  
Concen: 42.268 ng  
RT: 8.151 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

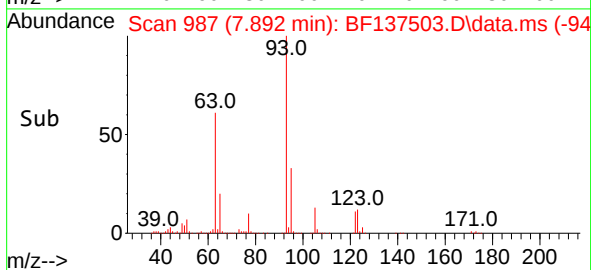
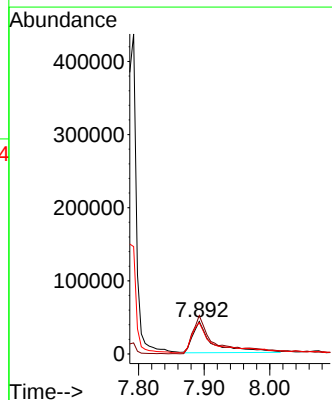
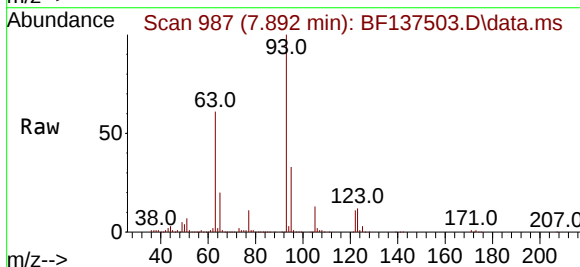
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

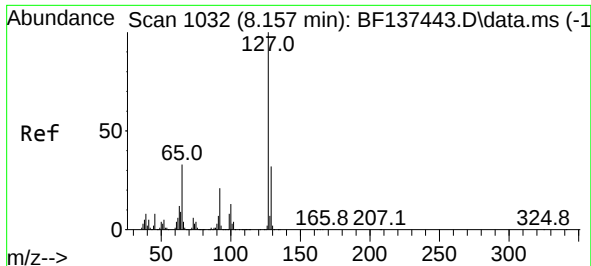
Tgt Ion:128 Resp: 1567119  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.5 10.8 16.2



#32  
Benzoic acid  
Concen: 18.598 ng  
RT: 7.892 min Scan# 987  
Delta R.T. -0.035 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:122 Resp: 90359  
Ion Ratio Lower Upper  
122 100  
105 118.4 102.4 142.4  
77 96.5 81.1 121.1

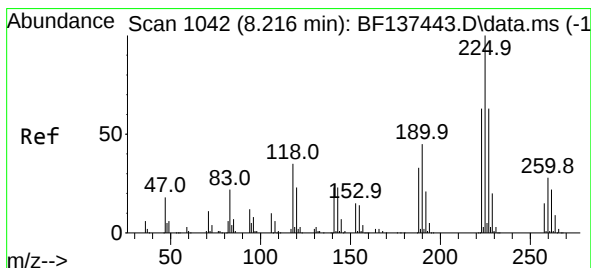
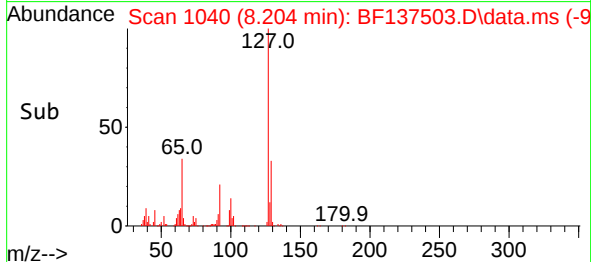
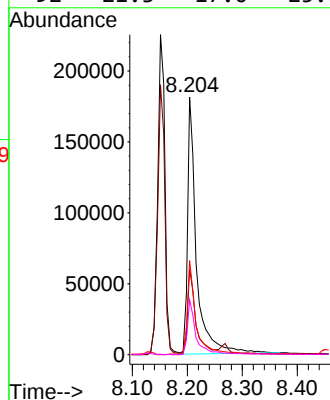
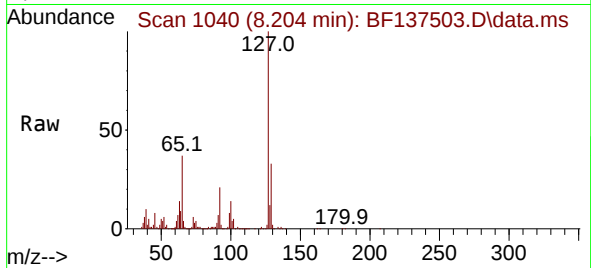




#33  
4-Chloroaniline  
Concen: 14.093 ng  
RT: 8.204 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

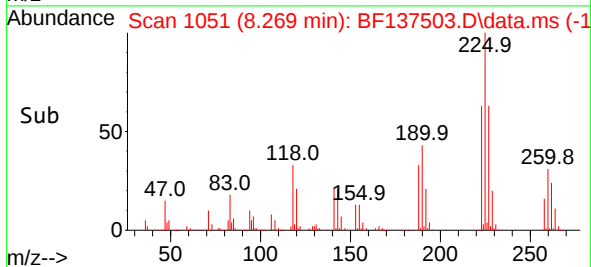
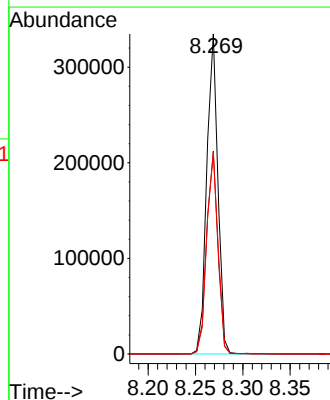
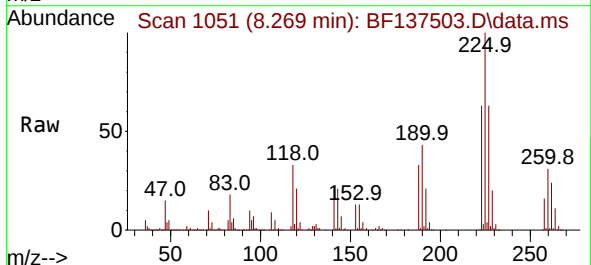
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

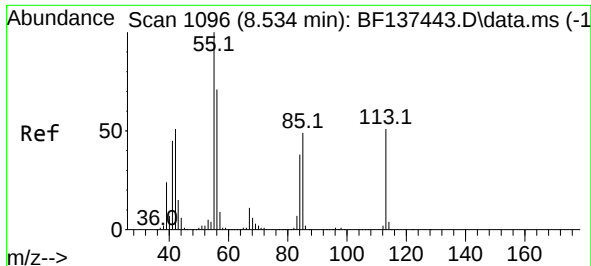
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 204886 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 33.3    | 26.0  | 39.0   |
| 65  | 36.5    | 26.8  | 40.2   |
| 92  | 21.3    | 17.0  | 25.6   |



#34  
Hexachlorobutadiene  
Concen: 43.370 ng  
RT: 8.269 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 274073 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 63.3    | 50.7  | 76.1   |
| 227 | 62.9    | 50.6  | 75.8   |

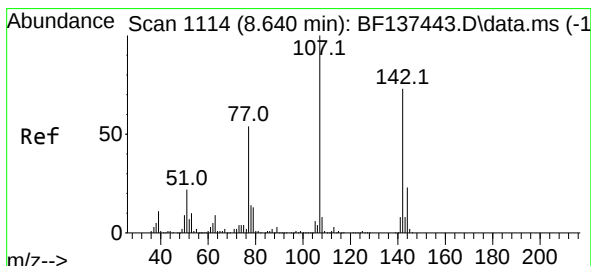
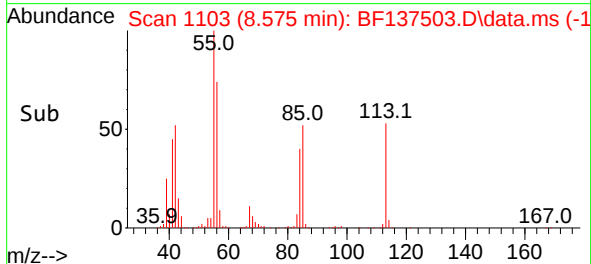
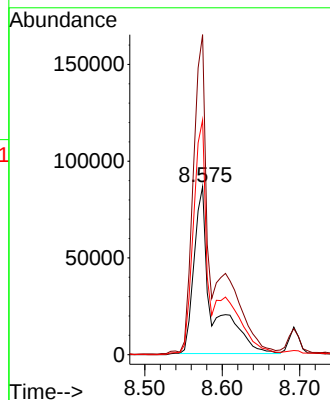
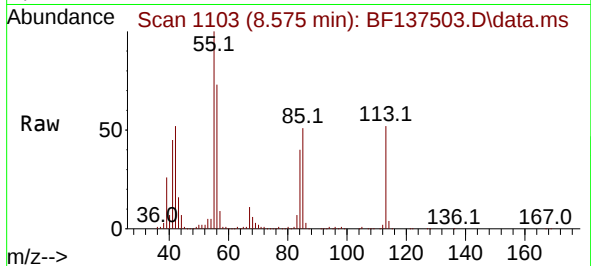




#35  
 Caprolactam  
 Concen: 41.617 ng m  
 RT: 8.575 min Scan# 1103  
 Delta R.T. -0.018 min  
 Lab File: BF137503.D  
 Acq: 05 Mar 2024 16:32

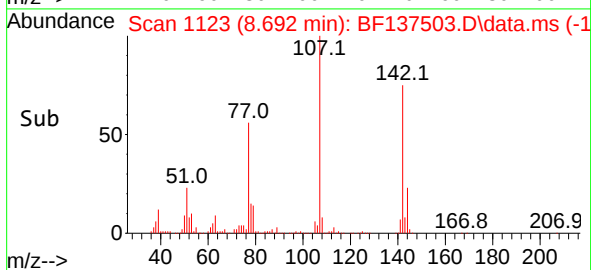
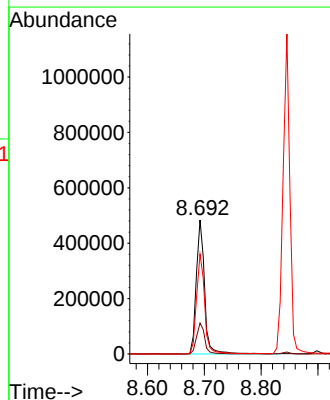
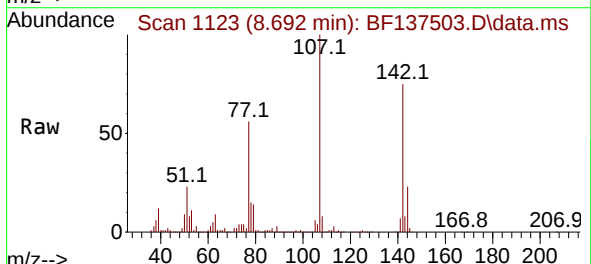
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3MSD

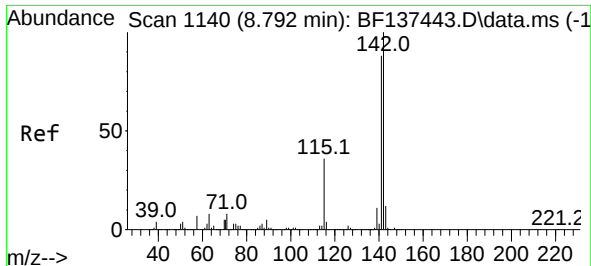
Tgt Ion:113 Resp: 143540  
 Ion Ratio Lower Upper  
 113 100  
 55 190.5 176.7 216.7  
 56 139.8 120.6 160.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.251 ng  
 RT: 8.692 min Scan# 1123  
 Delta R.T. 0.000 min  
 Lab File: BF137503.D  
 Acq: 05 Mar 2024 16:32

Tgt Ion:107 Resp: 491749  
 Ion Ratio Lower Upper  
 107 100  
 144 23.1 18.7 28.1  
 142 74.6 58.2 87.2





#37

2-Methylnaphthalene

Concen: 41.276 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

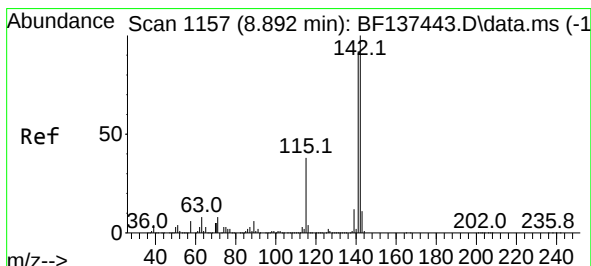
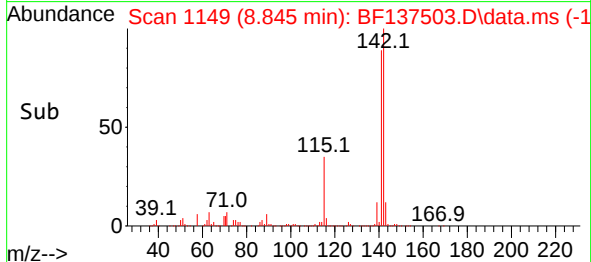
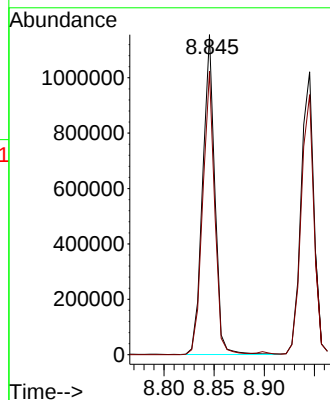
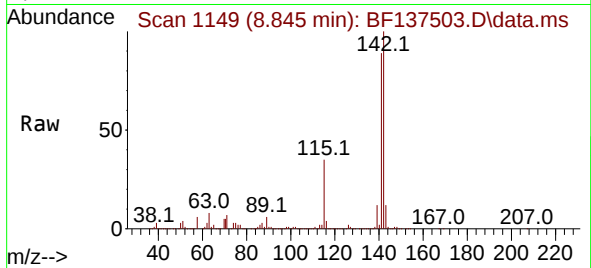
TP-3MSD

Tgt Ion:142 Resp: 975579

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6



#38

1-Methylnaphthalene

Concen: 40.766 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF137503.D

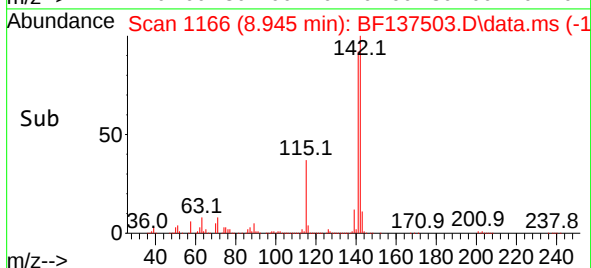
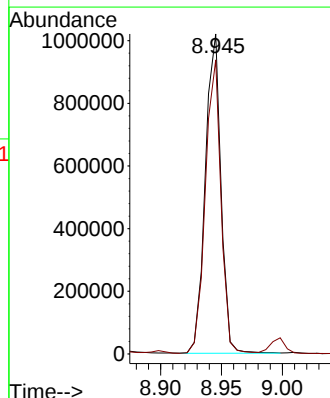
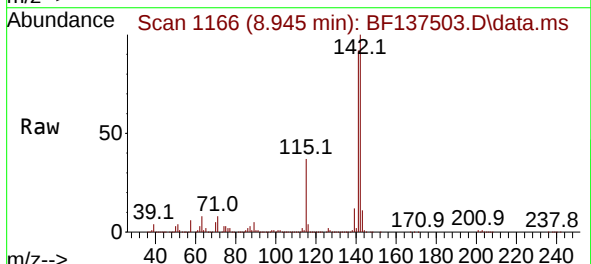
Acq: 05 Mar 2024 16:32

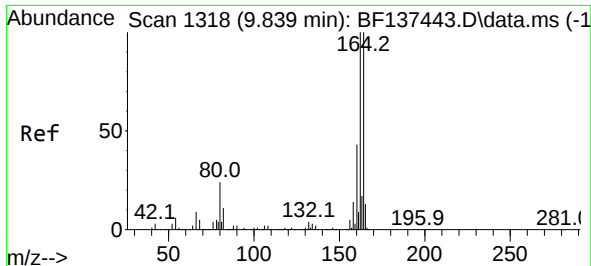
Tgt Ion:142 Resp: 907378

Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

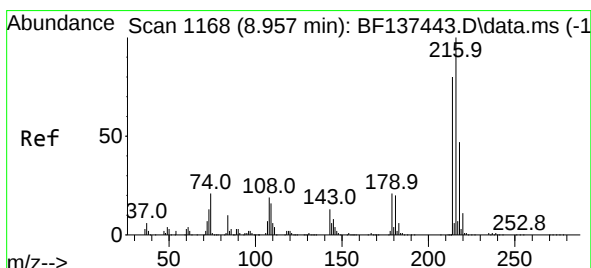
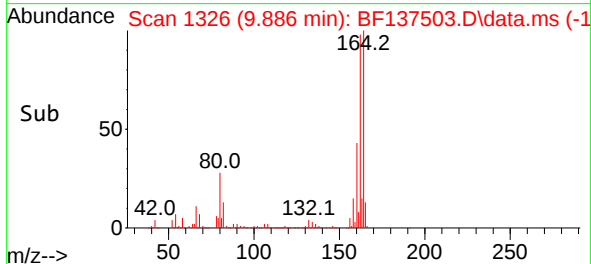
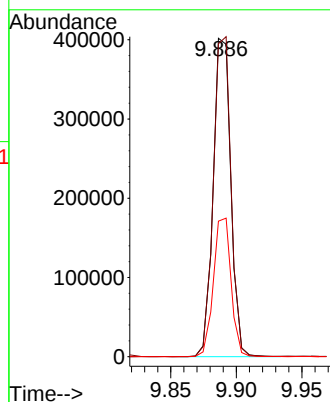
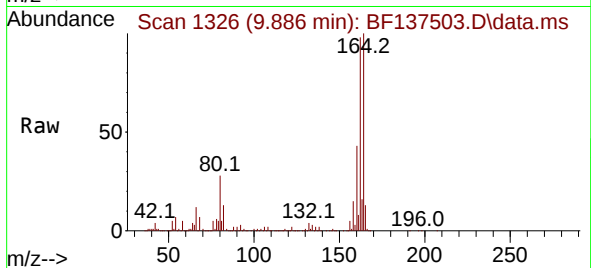
Tgt Ion:164 Resp: 376519

Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.8

160 42.5 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.028 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Tgt Ion:216 Resp: 473314

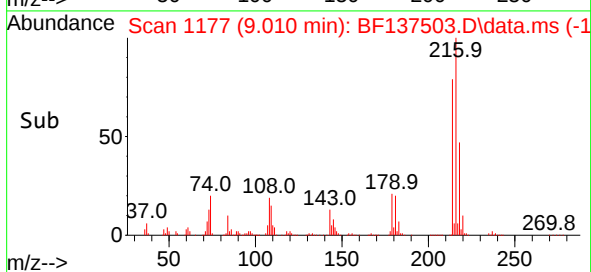
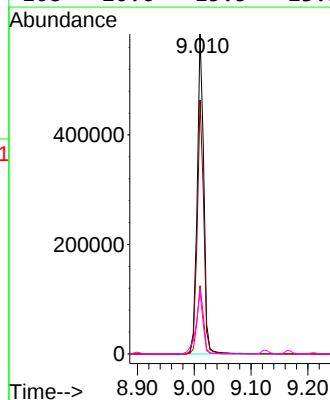
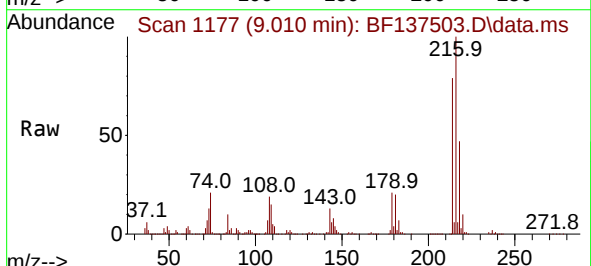
Ion Ratio Lower Upper

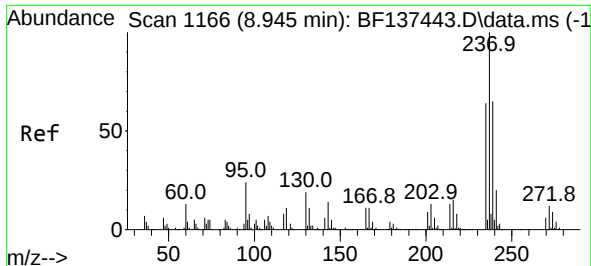
216 100

214 78.5 63.5 95.3

179 20.7 16.6 25.0

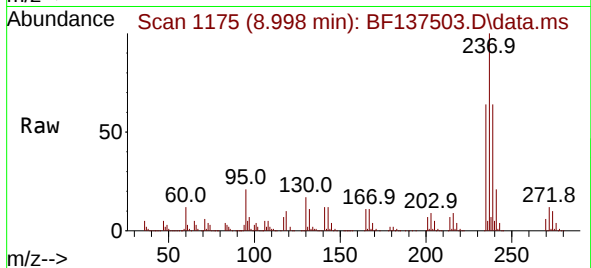
108 20.6 15.5 23.3



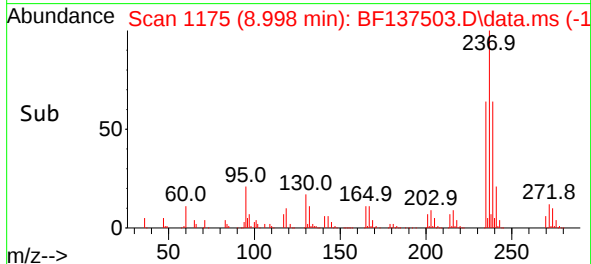
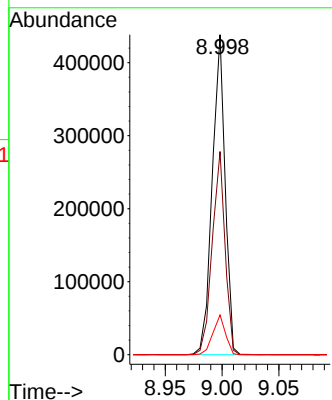


#41  
Hexachlorocyclopentadiene  
Concen: 80.316 ng  
RT: 8.998 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

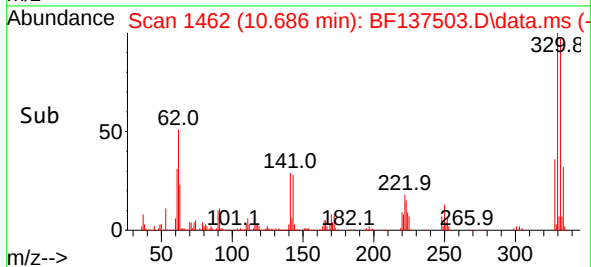
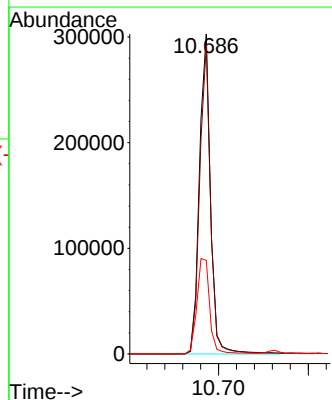
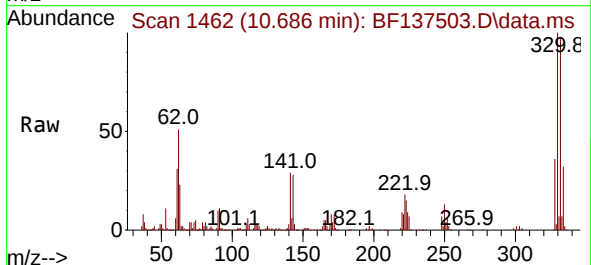


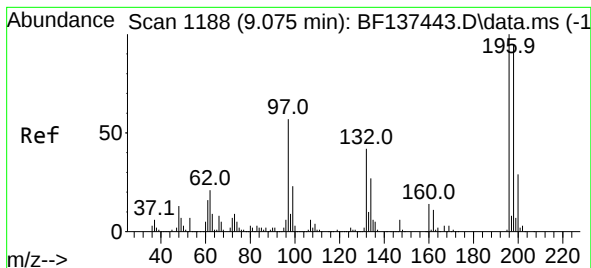
Tgt Ion:237 Resp: 344687  
Ion Ratio Lower Upper  
237 100  
235 63.5 43.6 83.6  
272 12.4 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 78.644 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:330 Resp: 260034  
Ion Ratio Lower Upper  
330 100  
332 95.7 78.0 117.0  
141 34.6 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 44.248 ng

RT: 9.128 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

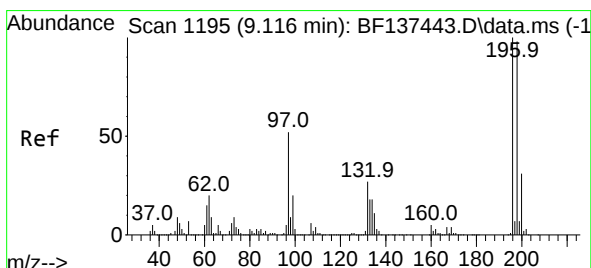
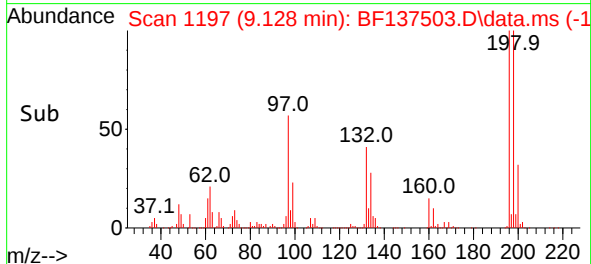
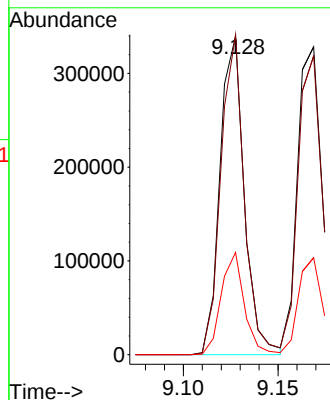
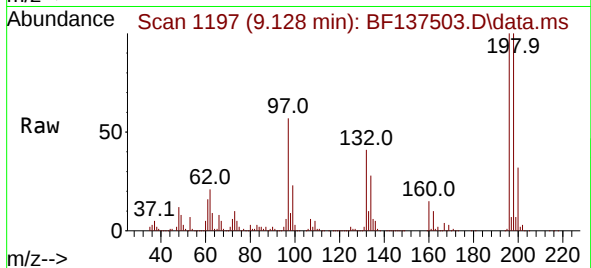
Tgt Ion:196 Resp: 302883

Ion Ratio Lower Upper

196 100

198 100.5 75.8 113.8

200 32.1 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 41.256 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Tgt Ion:196 Resp: 325313

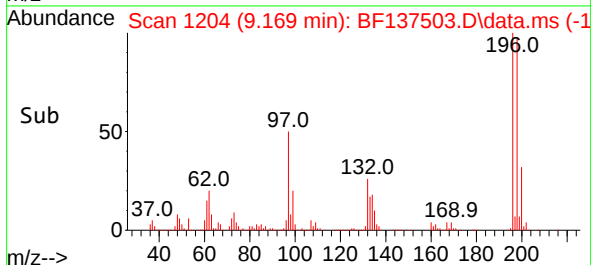
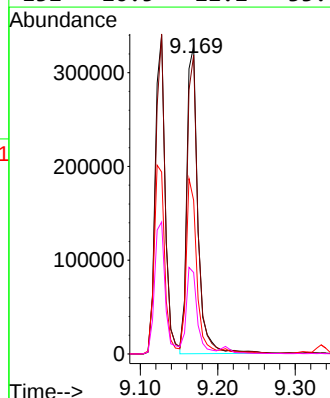
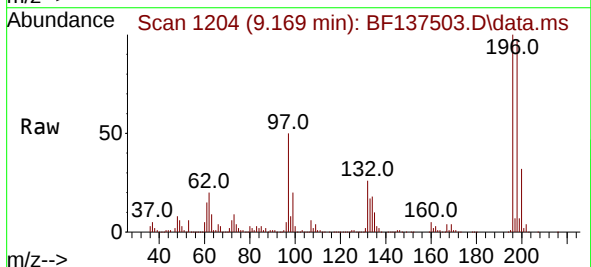
Ion Ratio Lower Upper

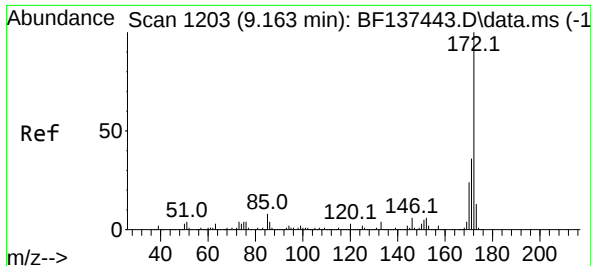
196 100

198 97.0 78.6 117.8

97 49.9 41.8 62.8

132 26.5 22.2 33.4

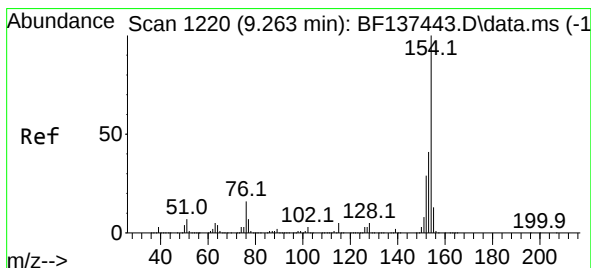
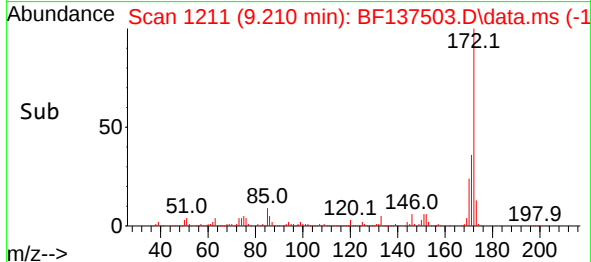
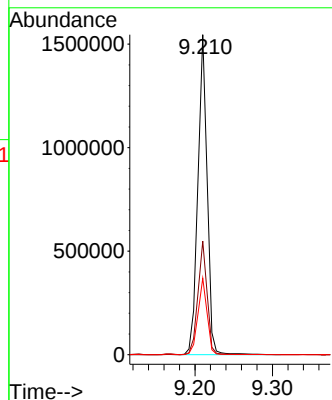
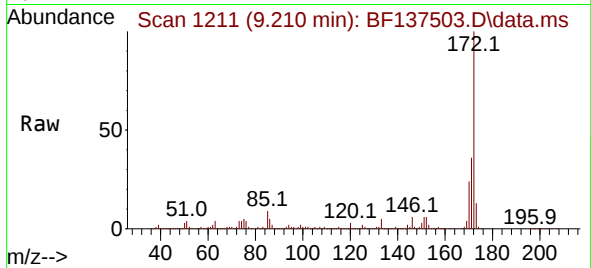




#45  
2-Fluorobiphenyl  
Concen: 53.679 ng  
RT: 9.210 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

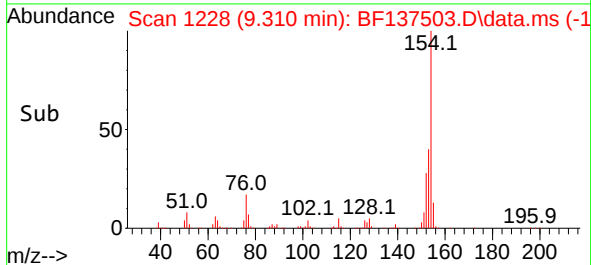
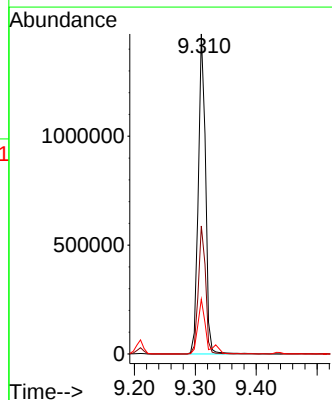
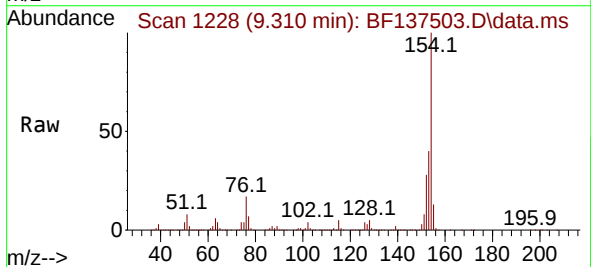
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

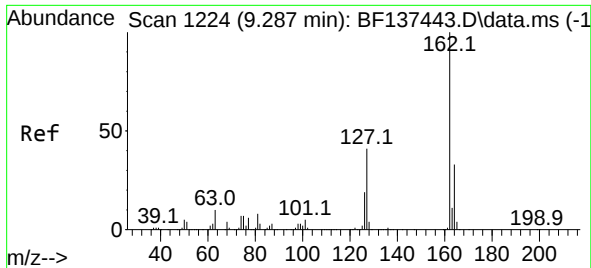
Tgt Ion:172 Resp: 1291146  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.5 42.7  
170 23.9 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 44.178 ng  
RT: 9.310 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:154 Resp: 1217464  
Ion Ratio Lower Upper  
154 100  
153 40.0 21.0 61.0  
76 17.1 0.0 35.8

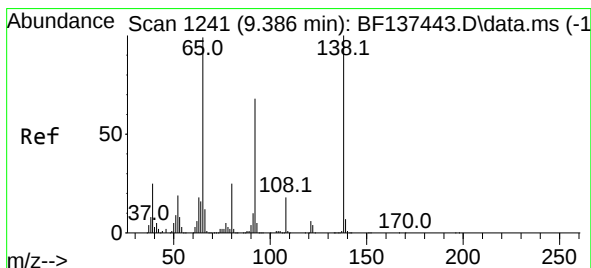
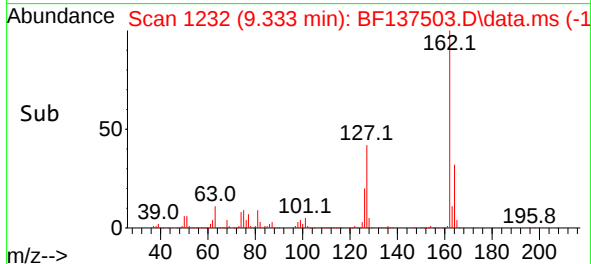
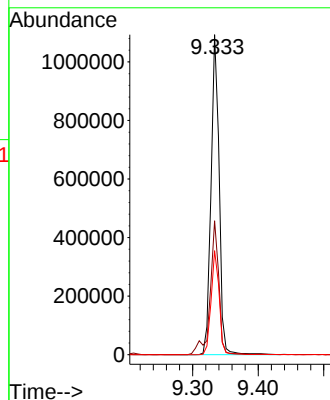
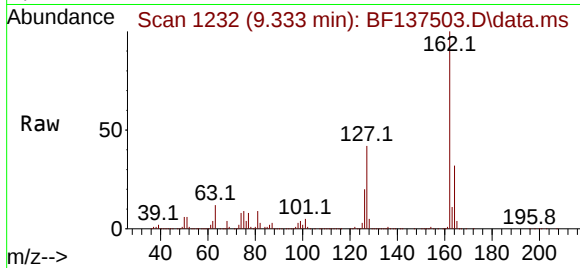




#47  
2-Chloronaphthalene  
Concen: 44.917 ng  
RT: 9.333 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

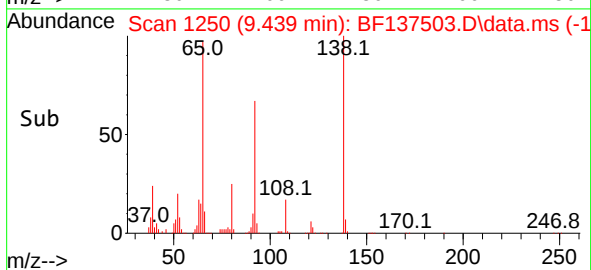
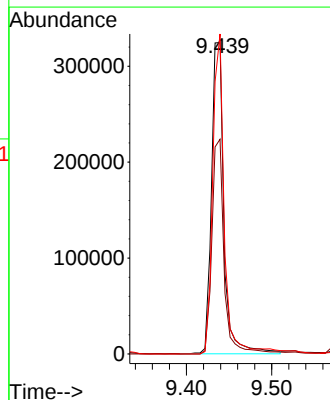
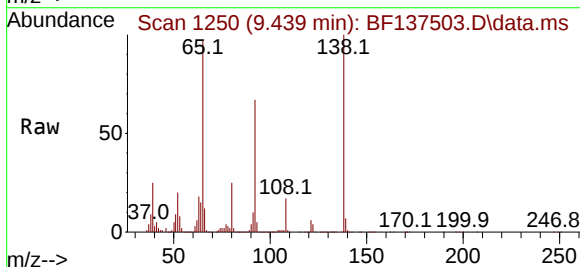
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

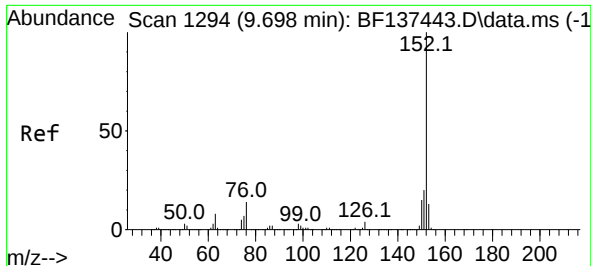
Tgt Ion:162 Resp: 943734  
Ion Ratio Lower Upper  
162 100  
127 41.9 32.6 49.0  
164 32.5 26.5 39.7



#48  
2-Nitroaniline  
Concen: 46.145 ng  
RT: 9.439 min Scan# 1250  
Delta R.T. 0.000 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion: 65 Resp: 329538  
Ion Ratio Lower Upper  
65 100  
92 69.0 55.4 83.2  
138 102.8 81.0 121.6





#49

Acenaphthylene

Concen: 45.158 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

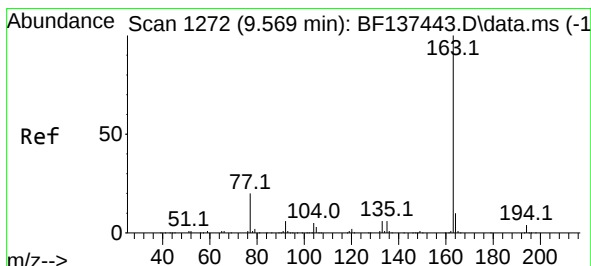
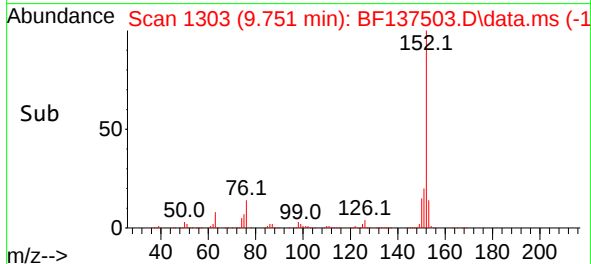
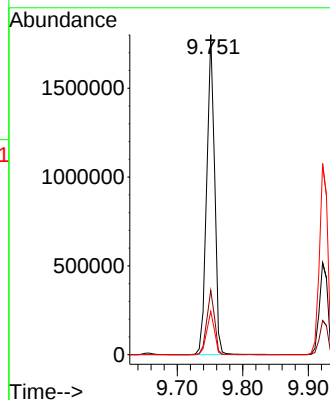
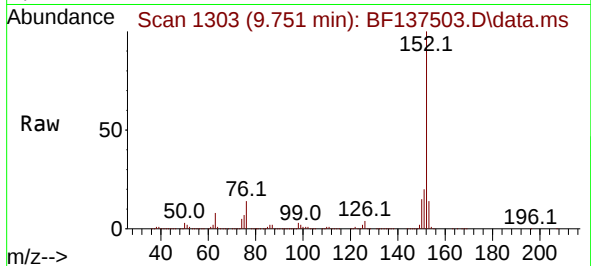
Tgt Ion:152 Resp: 1518393

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.6 10.8 16.2



#50

Dimethylphthalate

Concen: 43.299 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

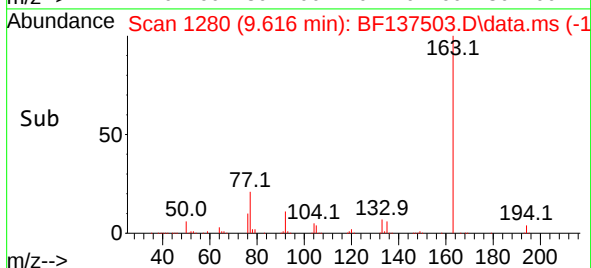
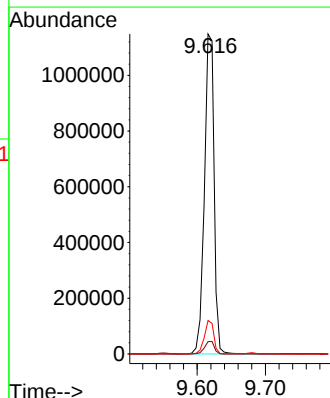
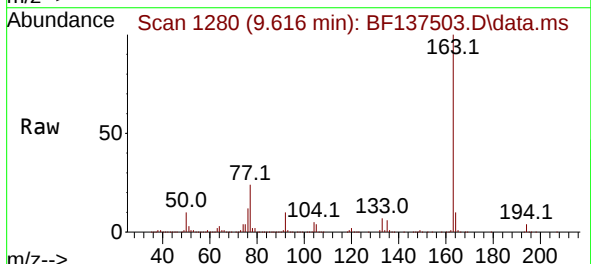
Tgt Ion:163 Resp: 1134859

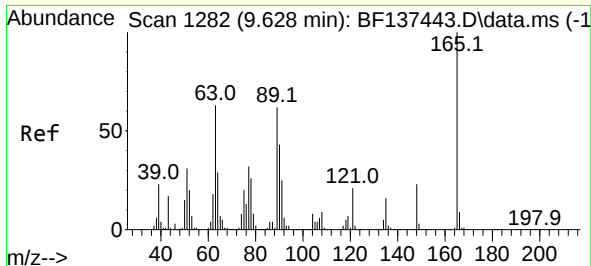
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.707 ng

RT: 9.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

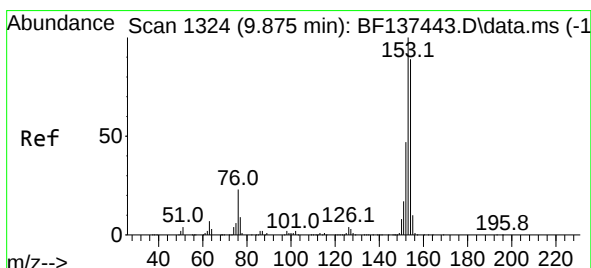
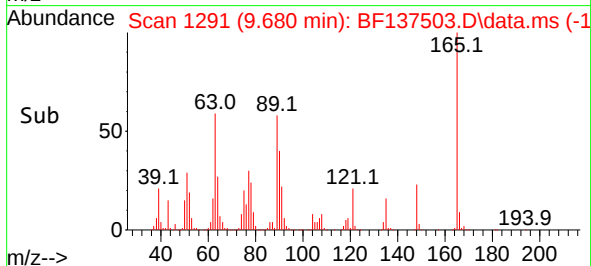
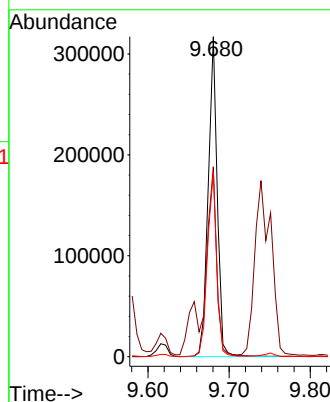
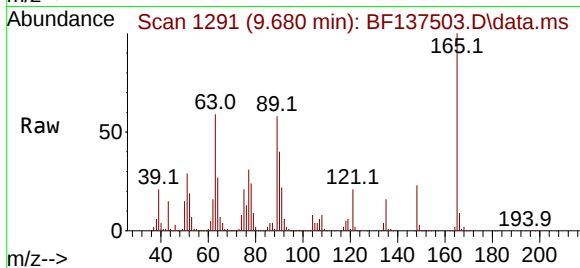
Tgt Ion:165 Resp: 245089

Ion Ratio Lower Upper

165 100

63 59.4 50.7 76.1

89 57.6 50.0 75.0



#52

Acenaphthene

Concen: 41.755 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

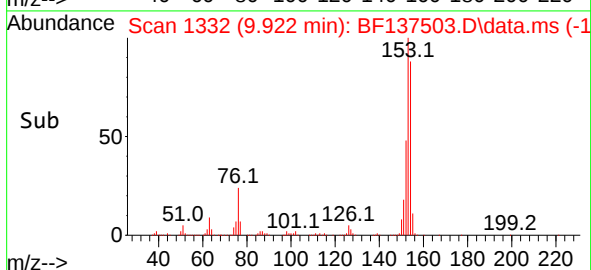
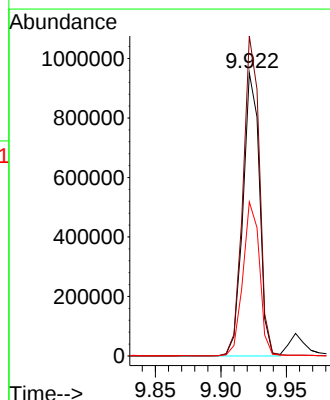
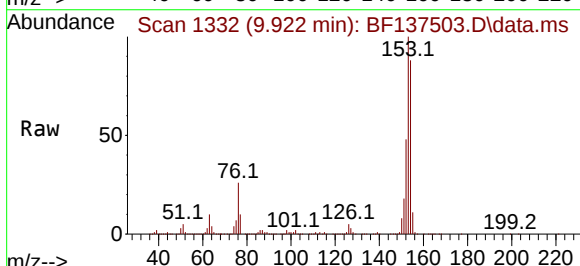
Tgt Ion:154 Resp: 838184

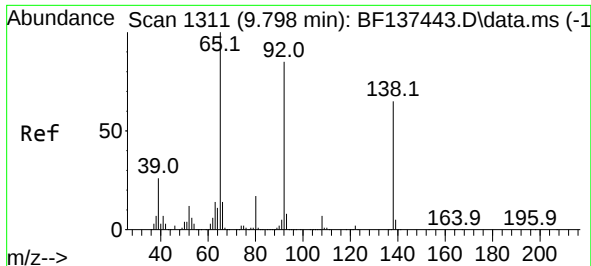
Ion Ratio Lower Upper

154 100

153 113.0 90.3 135.5

152 54.4 42.7 64.1

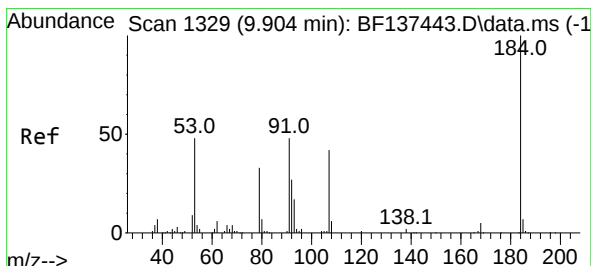
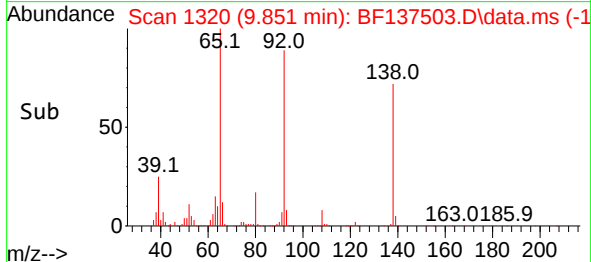
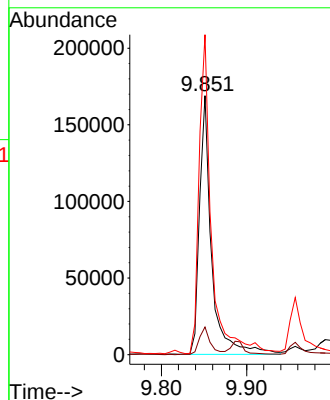
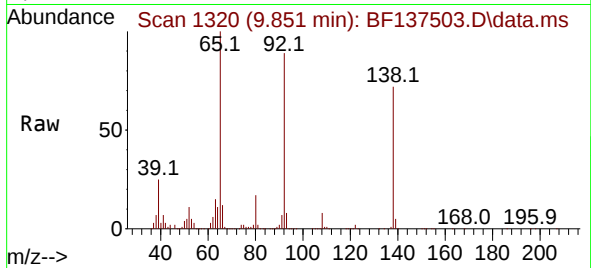




#53  
3-Nitroaniline  
Concen: 28.600 ng  
RT: 9.851 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

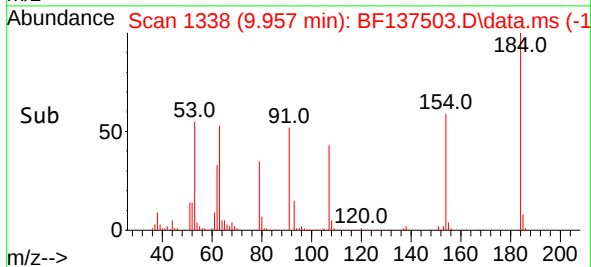
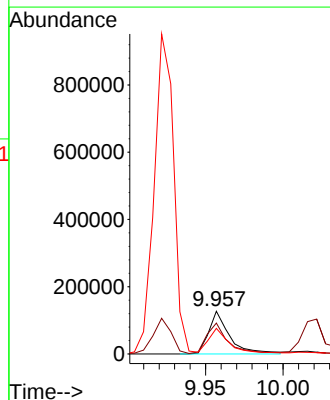
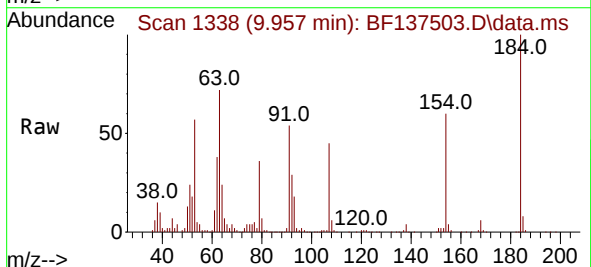
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

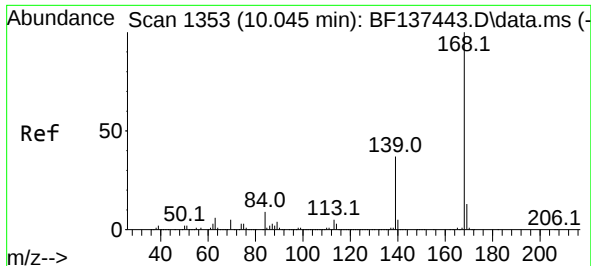
Tgt Ion:138 Resp: 165844  
Ion Ratio Lower Upper  
138 100  
108 10.7 9.1 13.7  
92 123.6 104.6 157.0



#54  
2,4-Dinitrophenol  
Concen: 48.049 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:184 Resp: 118686  
Ion Ratio Lower Upper  
184 100  
63 72.1 53.3 79.9  
154 59.8 47.4 71.0

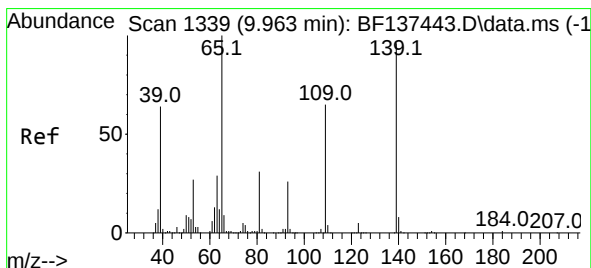
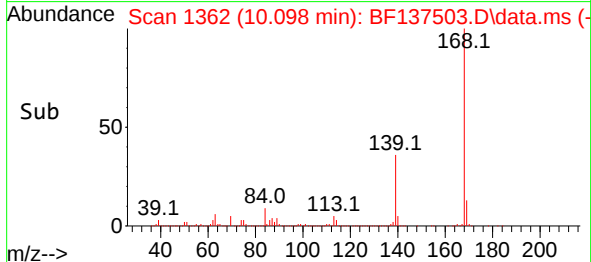
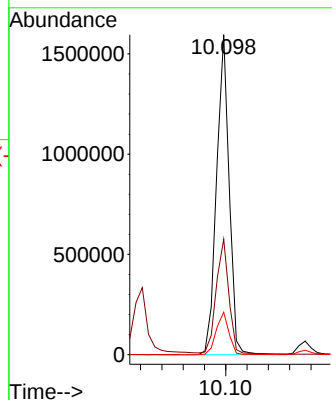
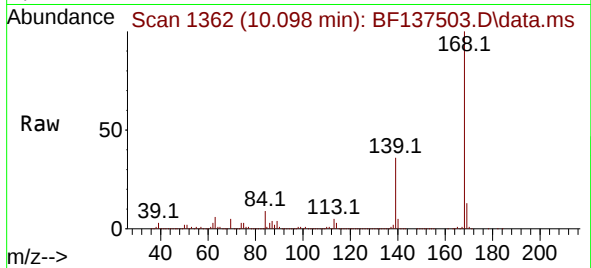




#55  
Dibenzenofuran  
Concen: 42.562 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

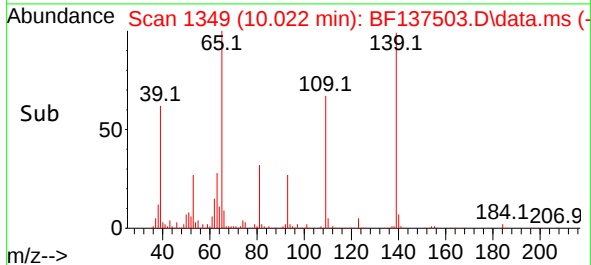
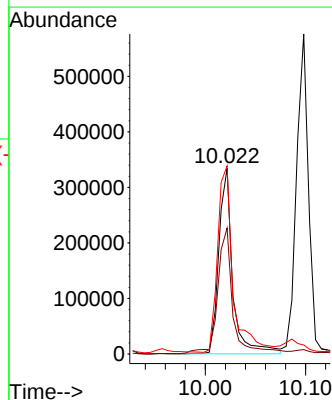
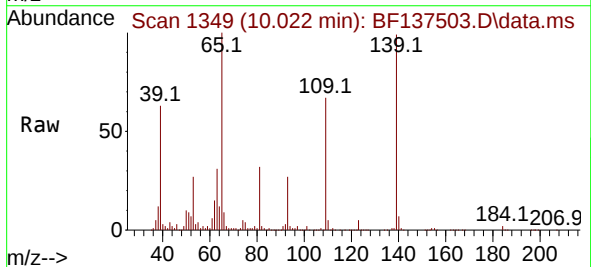
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

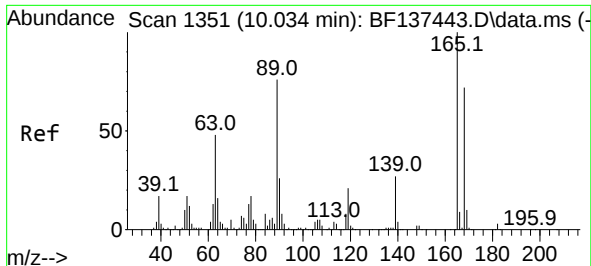
Tgt Ion:168 Resp: 1301303  
Ion Ratio Lower Upper  
168 100  
139 36.1 29.8 44.6  
169 13.3 10.8 16.2



#56  
4-Nitrophenol  
Concen: 78.250 ng  
RT: 10.022 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:139 Resp: 322382  
Ion Ratio Lower Upper  
139 100  
109 67.8 47.1 87.1  
65 101.2 85.1 125.1

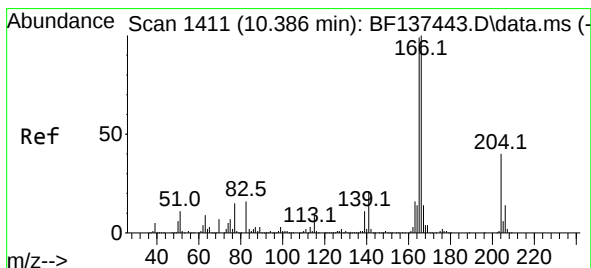
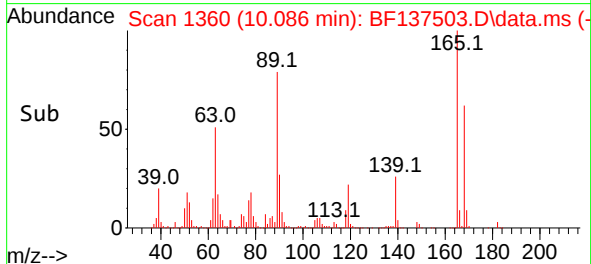
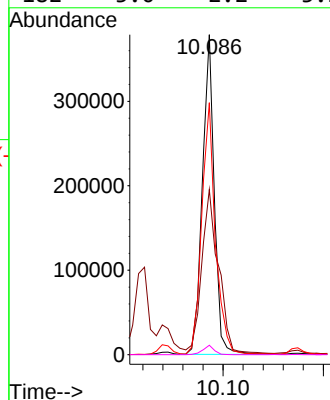
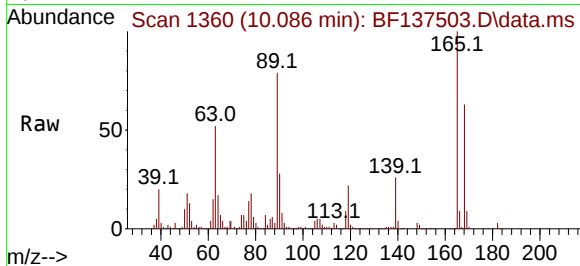




#57  
2,4-Dinitrotoluene  
Concen: 46.604 ng  
RT: 10.086 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

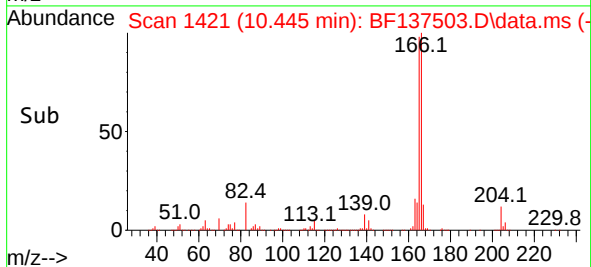
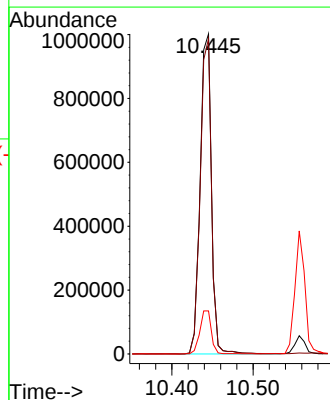
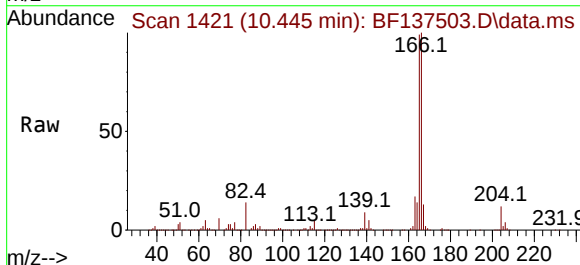
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

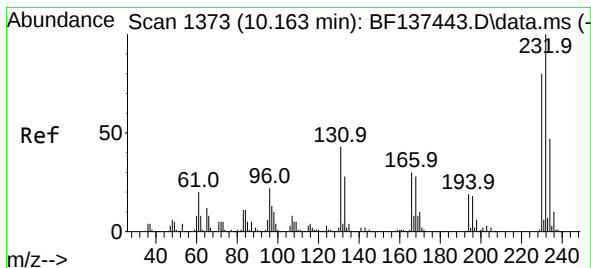
Tgt Ion:165 Resp: 313883  
Ion Ratio Lower Upper  
165 100  
63 51.6 39.0 58.6  
89 78.7 60.9 91.3  
182 3.0 2.2 3.2



#58  
Fluorene  
Concen: 41.236 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:166 Resp: 968241  
Ion Ratio Lower Upper  
166 100  
165 98.5 79.2 118.8  
167 13.5 11.0 16.6

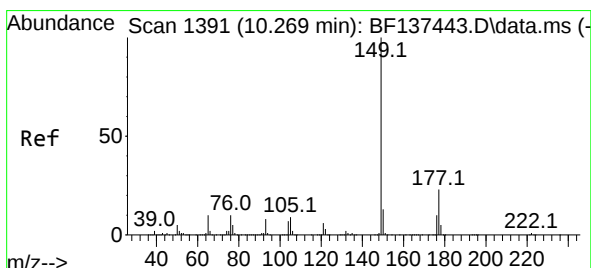
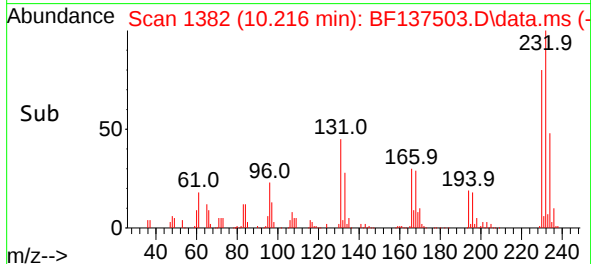
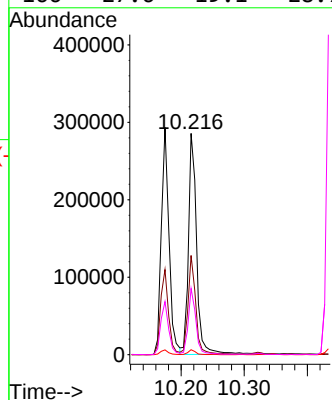
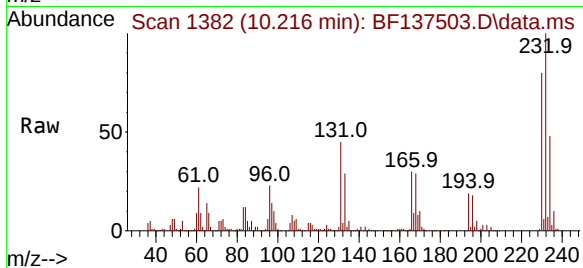




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.807 ng  
RT: 10.216 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

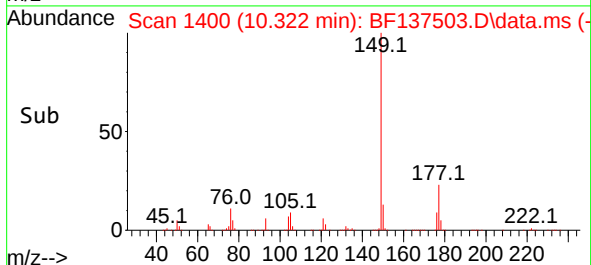
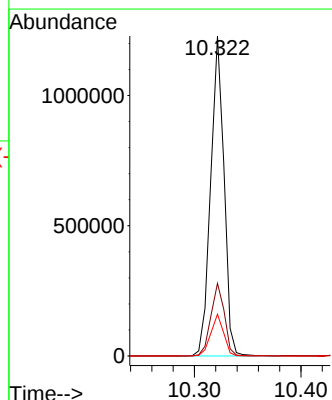
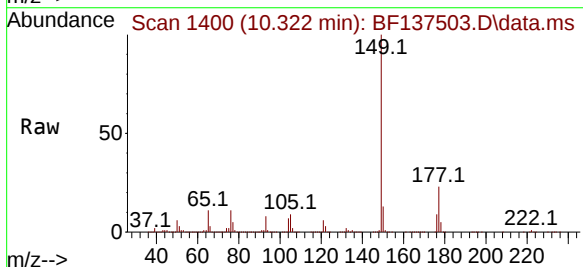
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

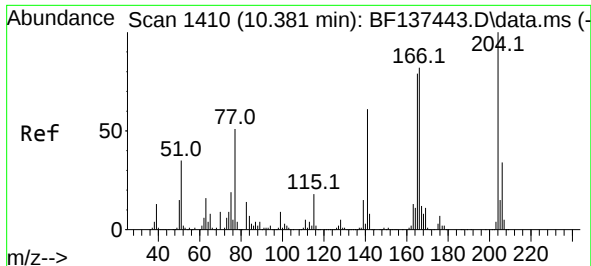
Tgt Ion:232 Resp: 258030  
Ion Ratio Lower Upper  
232 100  
131 42.0 31.2 46.8  
130 1.9 1.8 2.6  
166 27.6 19.1 28.7



#60  
Diethylphthalate  
Concen: 43.244 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:149 Resp: 1070325  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.7 28.1  
150 13.0 10.2 15.4

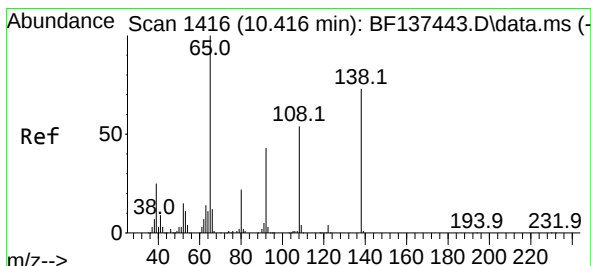
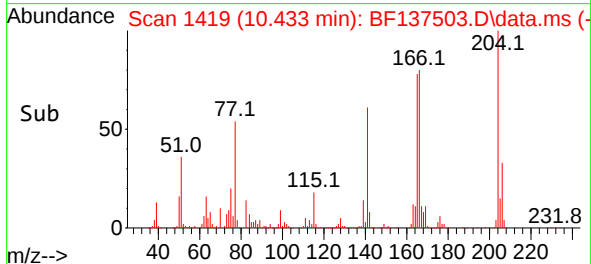
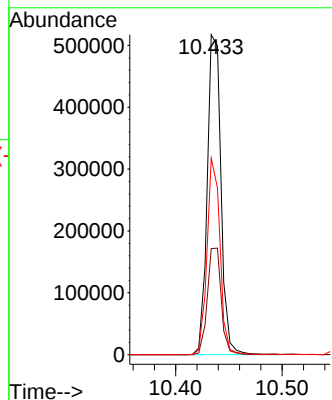
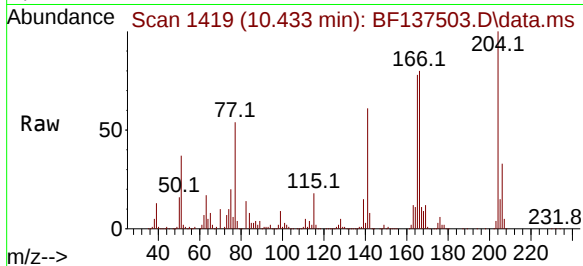




#61  
4-Chlorophenyl-phenylether  
Concen: 40.602 ng  
RT: 10.433 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

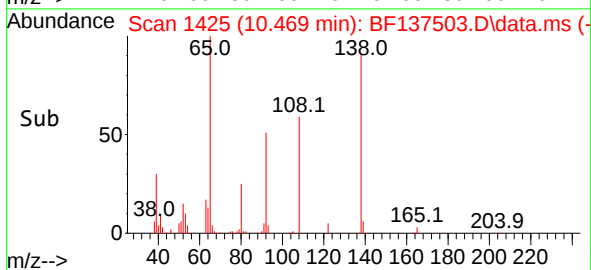
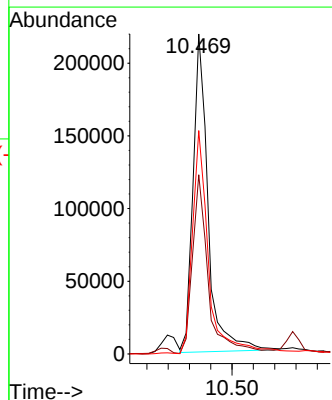
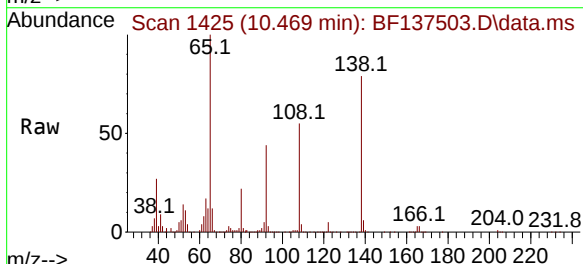
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

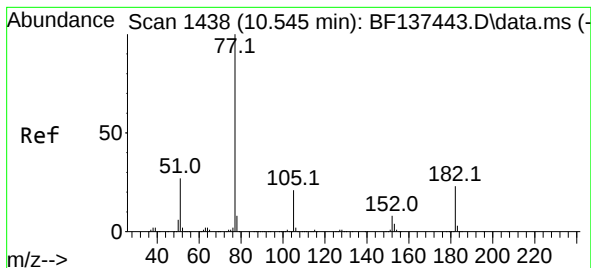
Tgt Ion:204 Resp: 467229  
Ion Ratio Lower Upper  
204 100  
206 33.2 27.4 41.0  
141 61.3 48.4 72.6



#62  
4-Nitroaniline  
Concen: 43.056 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:138 Resp: 214582  
Ion Ratio Lower Upper  
138 100  
92 56.0 37.9 77.9  
108 69.8 53.2 93.2





#63

Azobenzene

Concen: 42.703 ng

RT: 10.598 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

Tgt Ion: 77 Resp: 1217045

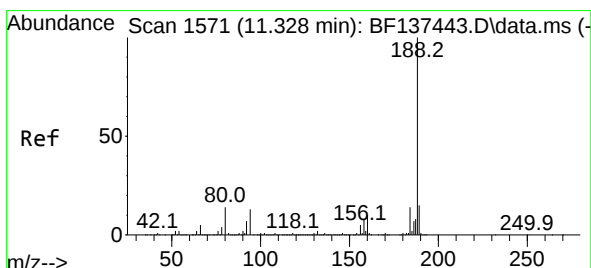
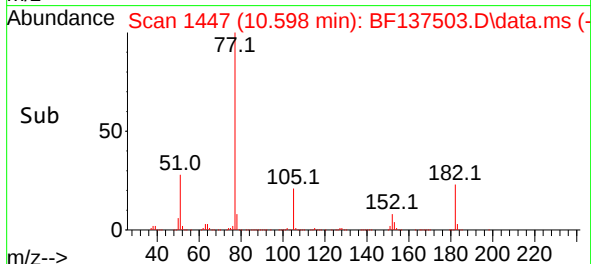
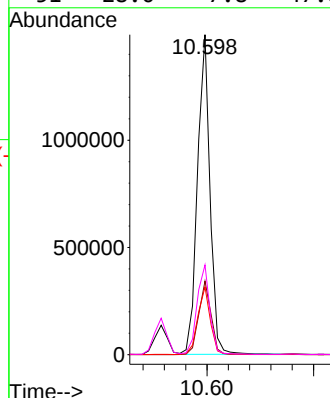
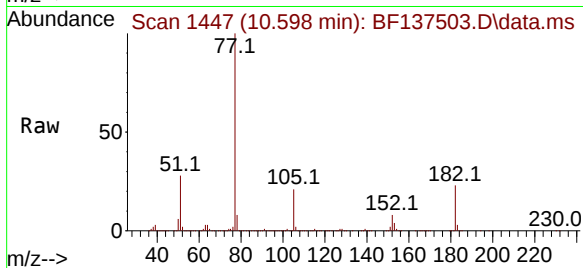
Ion Ratio Lower Upper

77 100

182 23.0 3.2 43.2

105 21.2 1.2 41.2

51 28.0 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

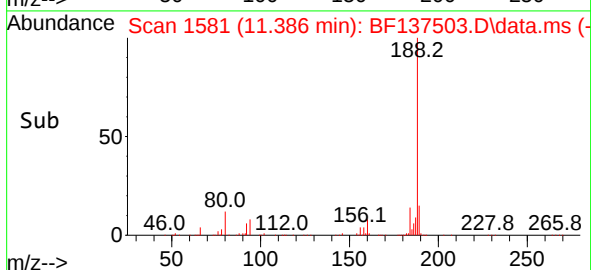
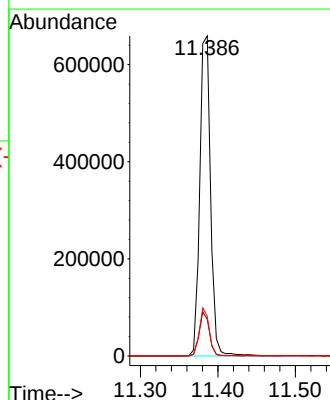
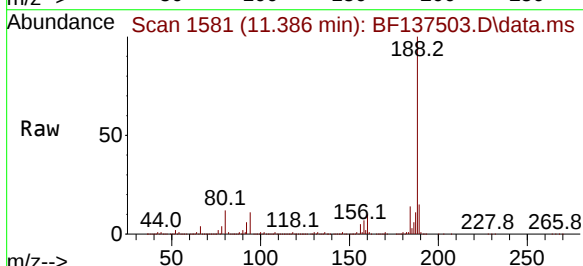
Tgt Ion:188 Resp: 636957

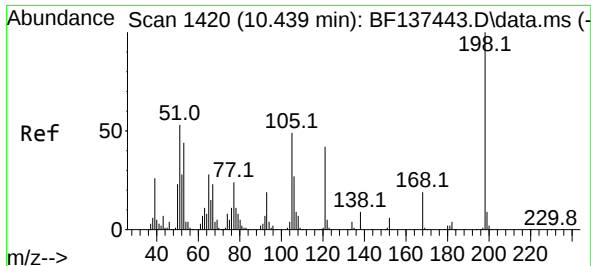
Ion Ratio Lower Upper

188 100

94 11.4 10.6 15.8

80 12.3 11.5 17.3

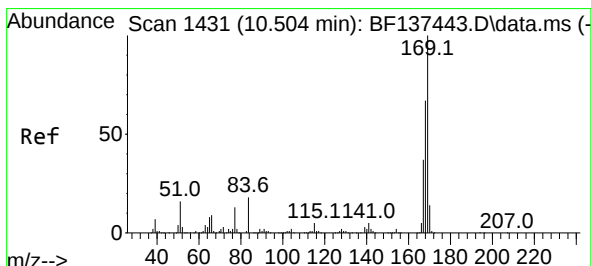
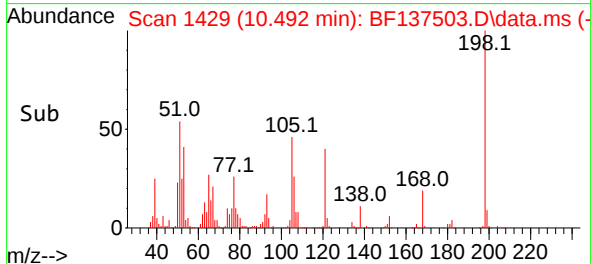
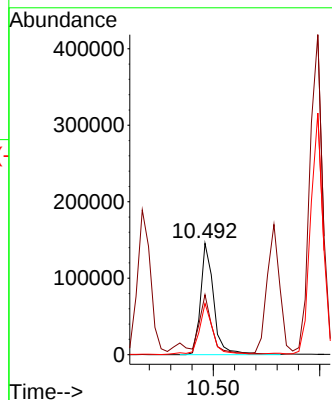
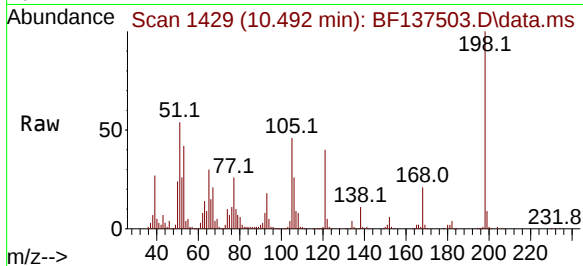




#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.268 ng  
RT: 10.492 min Scan# 1414  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

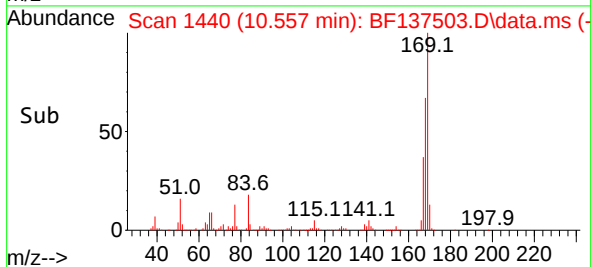
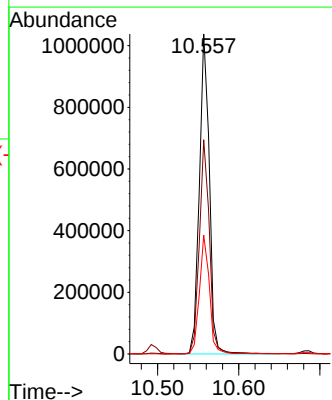
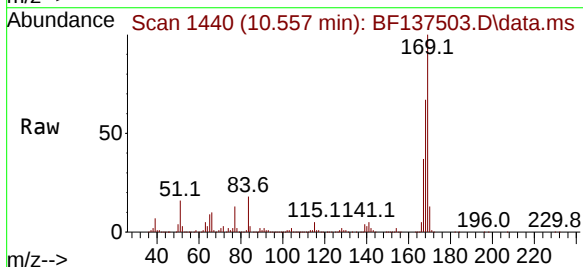
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

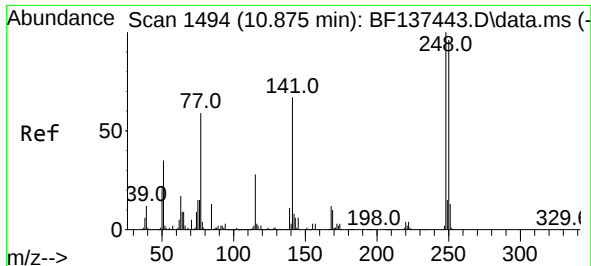
Tgt Ion:198 Resp: 125205  
Ion Ratio Lower Upper  
198 100  
51 53.9 37.2 77.2  
105 45.9 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 43.513 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:169 Resp: 892496  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.8 80.6  
167 37.1 29.6 44.4

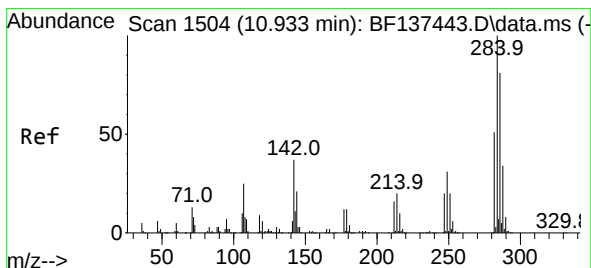
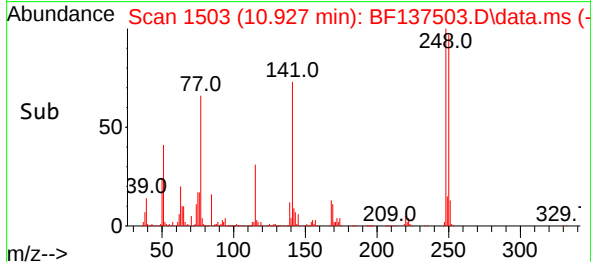
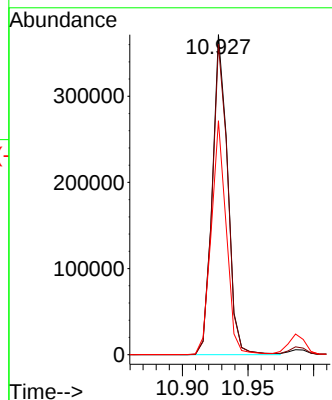
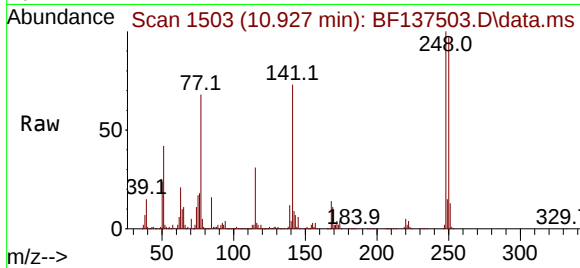




#67  
4-Bromophenyl-phenylether  
Concen: 43.680 ng  
RT: 10.927 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

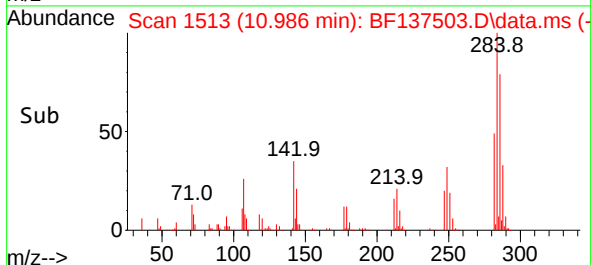
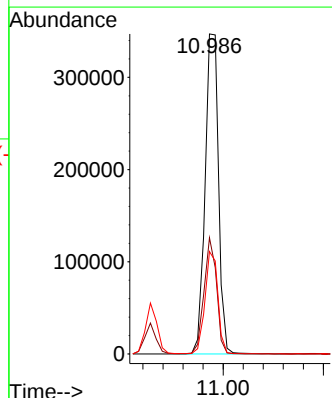
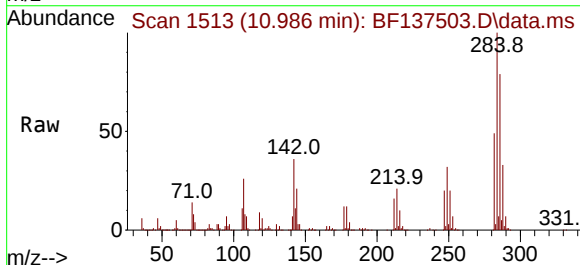
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

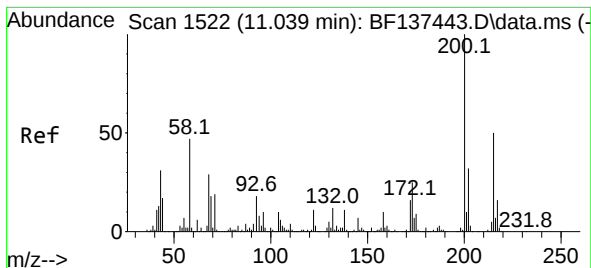
Tgt Ion:248 Resp: 303032  
Ion Ratio Lower Upper  
248 100  
250 97.0 76.8 115.2  
141 73.1 53.4 80.0



#68  
Hexachlorobenzene  
Concen: 46.459 ng  
RT: 10.986 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:284 Resp: 325540  
Ion Ratio Lower Upper  
284 100  
142 36.3 29.4 44.0  
249 32.0 25.0 37.4





#69

Atrazine

Concen: 45.818 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

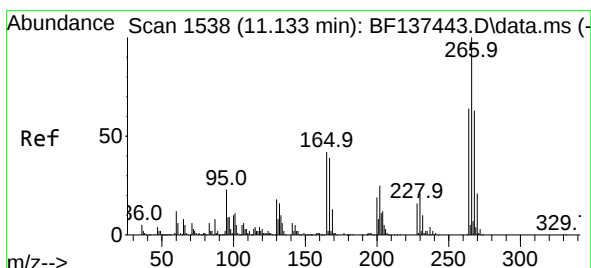
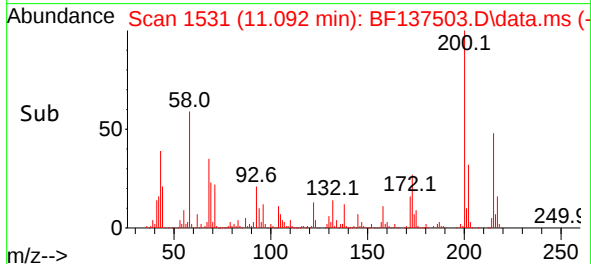
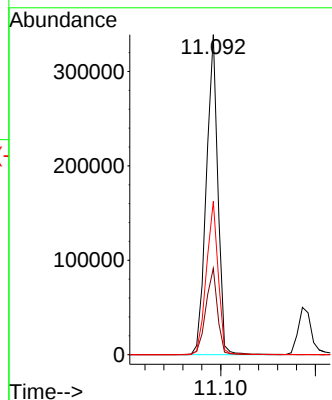
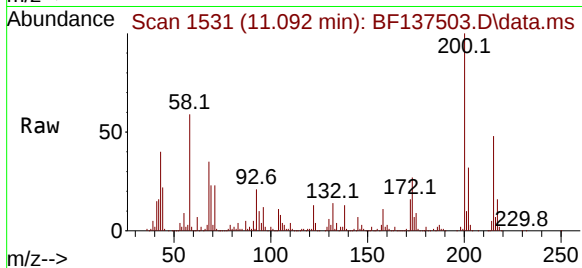
Tgt Ion:200 Resp: 285684

Ion Ratio Lower Upper

200 100

173 27.0 5.1 45.1

215 47.9 30.4 70.4



#70

Pentachlorophenol

Concen: 64.310 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

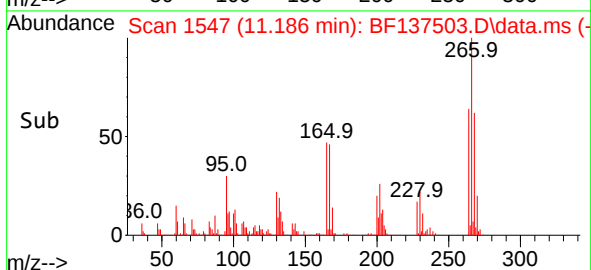
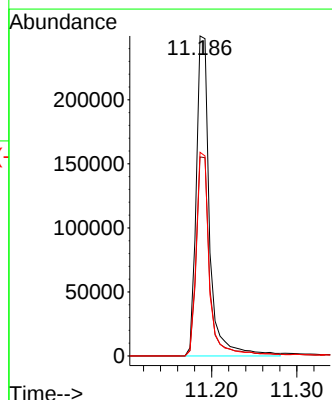
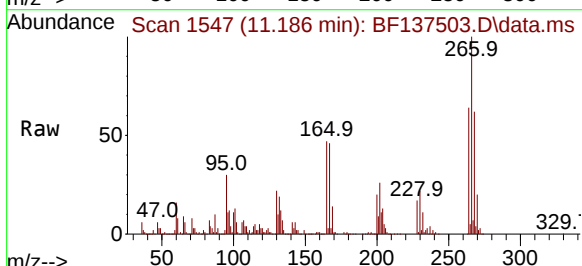
Tgt Ion:266 Resp: 272410

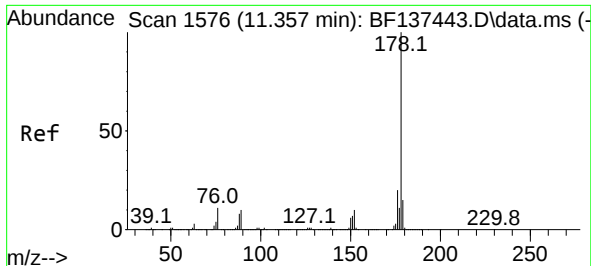
Ion Ratio Lower Upper

266 100

268 62.2 50.2 75.2

264 63.6 50.9 76.3

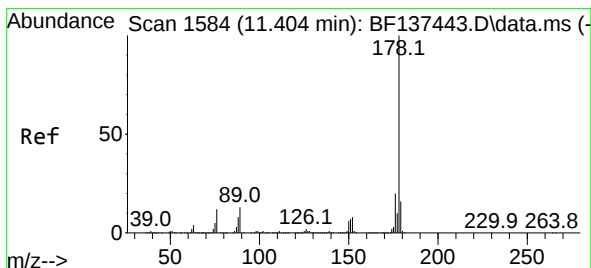
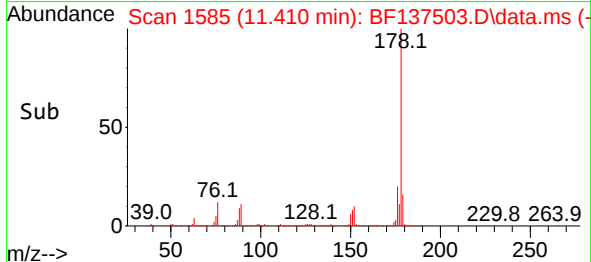
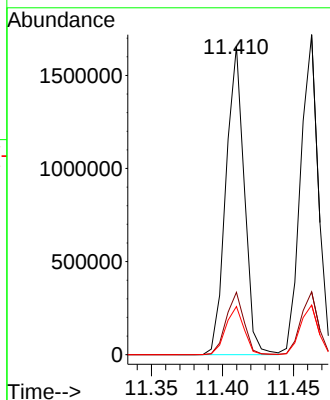
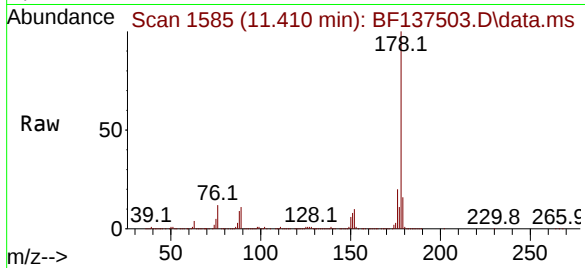




#71  
Phenanthrene  
Concen: 42.908 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

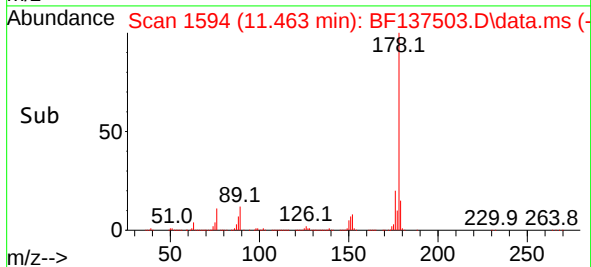
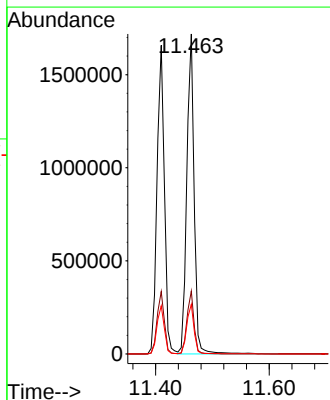
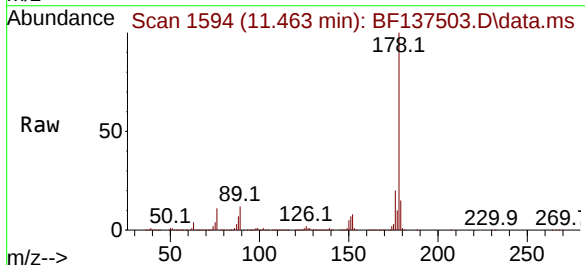
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

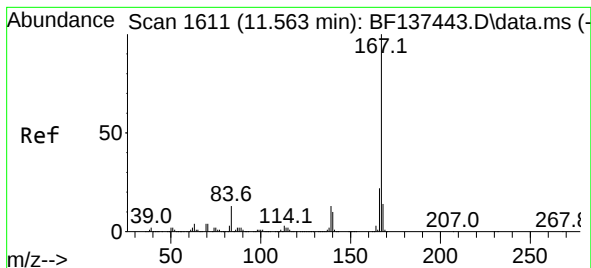
Tgt Ion:178 Resp: 1487375  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.8 23.8  
179 15.6 12.2 18.2



#72  
Anthracene  
Concen: 43.057 ng  
RT: 11.463 min Scan# 1594  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:178 Resp: 1532941  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.7 23.5  
179 15.5 12.7 19.1





#73

Carbazole

Concen: 43.971 ng

RT: 11.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

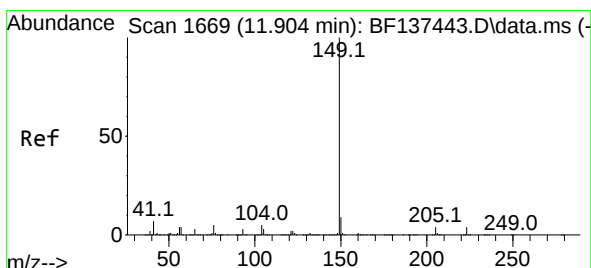
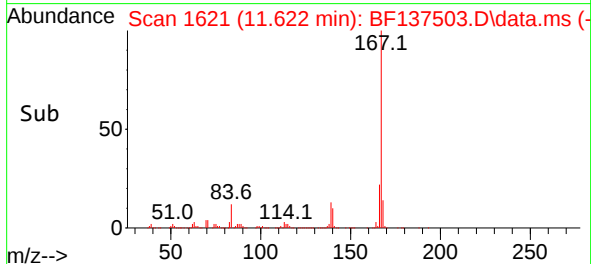
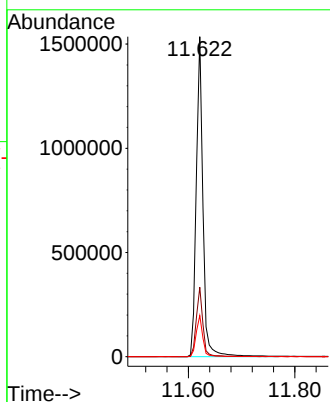
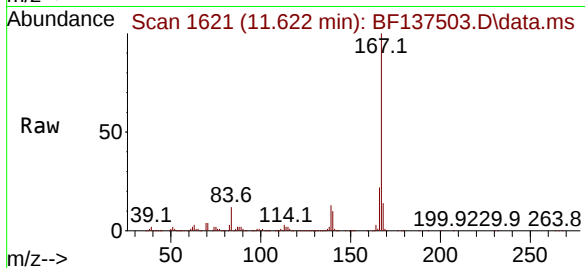
Tgt Ion:167 Resp: 1340930

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

139 12.8 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.595 ng

RT: 11.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

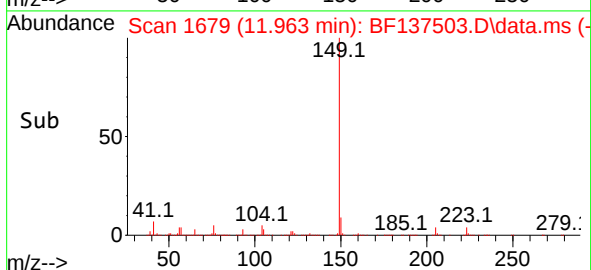
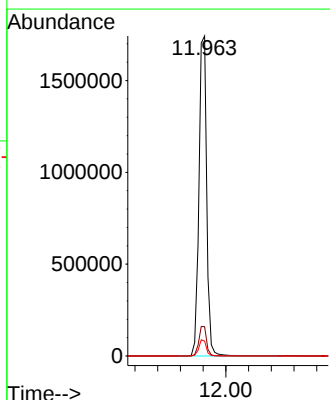
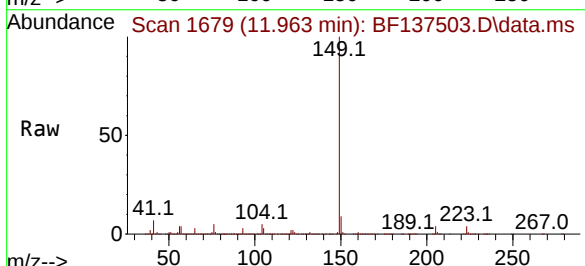
Tgt Ion:149 Resp: 1654324

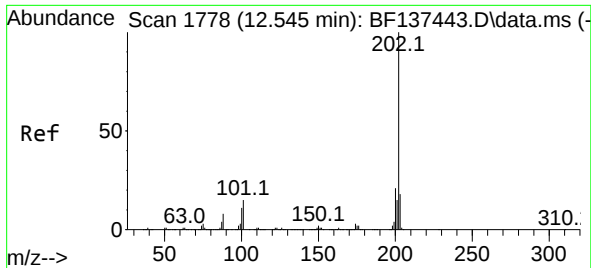
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.6 3.8 5.6

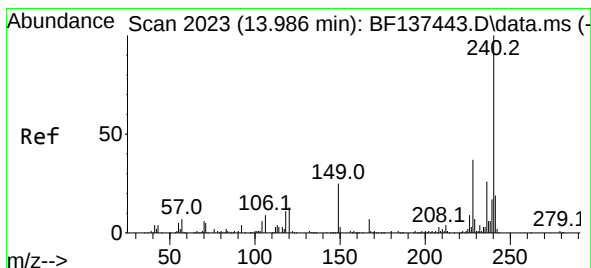
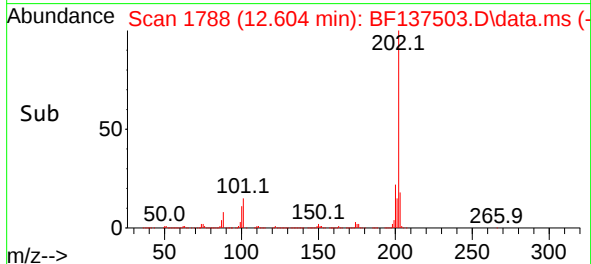
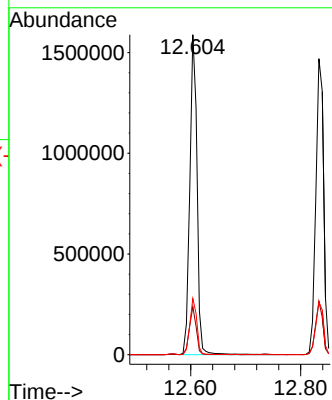
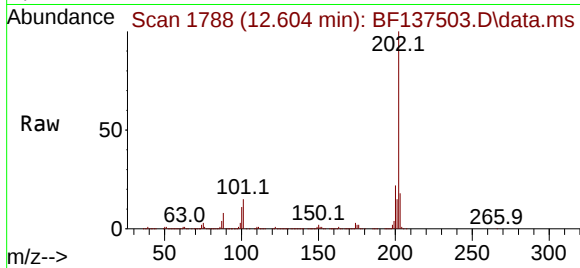




#75  
Fluoranthene  
Concen: 42.648 ng  
RT: 12.604 min Scan# 1778  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

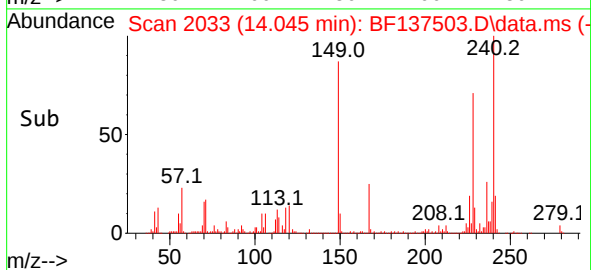
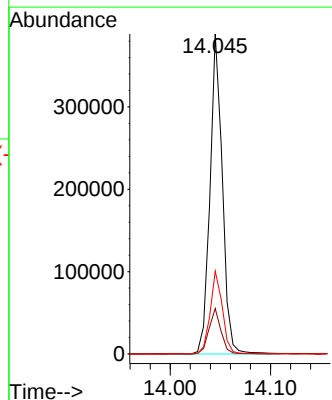
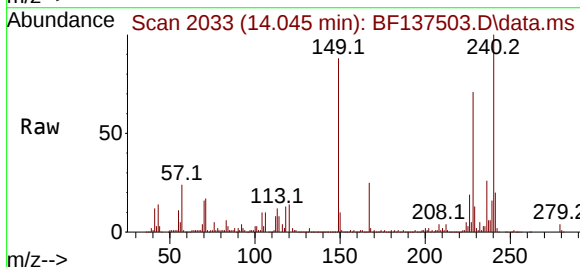
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

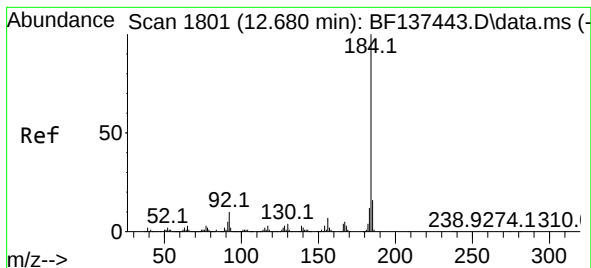
Tgt Ion:202 Resp: 1445071  
Ion Ratio Lower Upper  
202 100  
101 15.0 0.0 35.0  
203 17.5 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:240 Resp: 334315  
Ion Ratio Lower Upper  
240 100  
120 14.2 10.4 15.6  
236 25.9 20.9 31.3





#77

Benzidine

Concen: 61.149 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

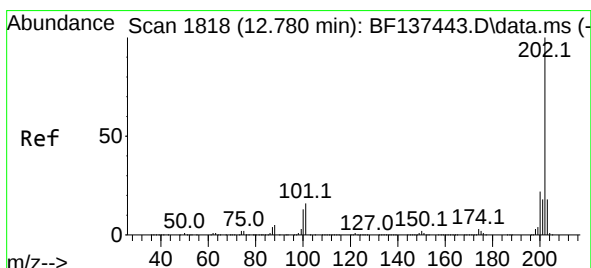
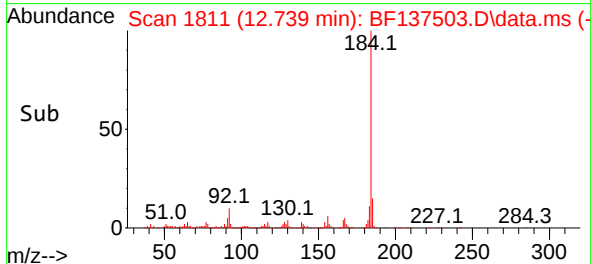
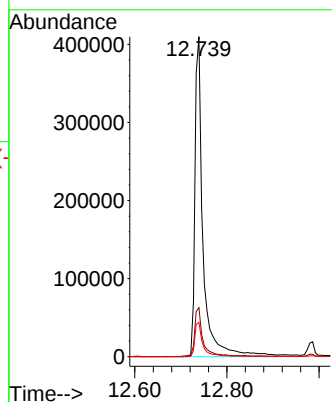
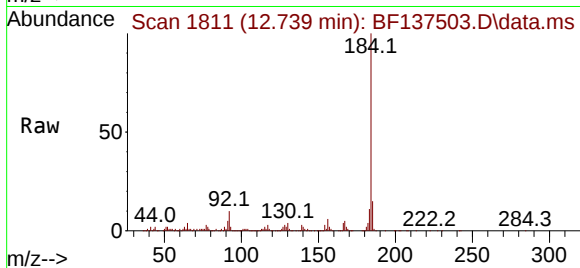
Tgt Ion:184 Resp: 500291

Ion Ratio Lower Upper

184 100

185 15.3 13.2 19.8

183 10.7 9.3 13.9



#78

Pyrene

Concen: 43.850 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

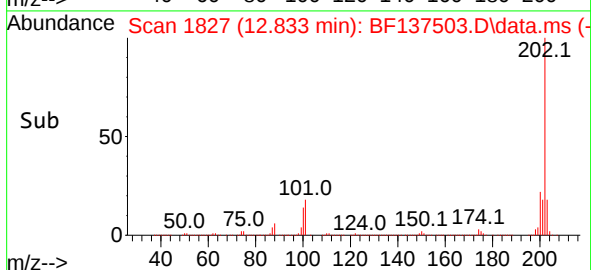
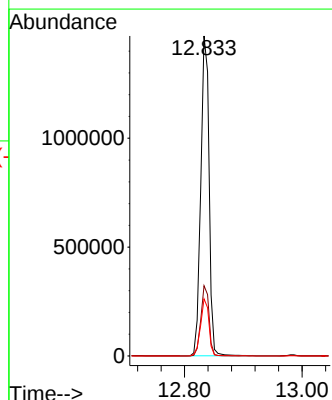
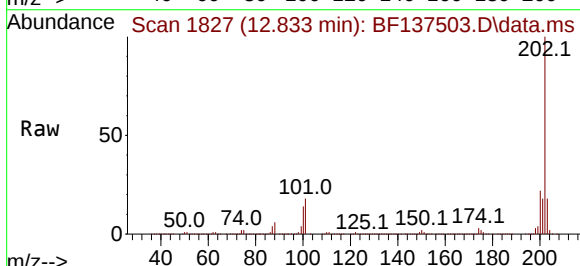
Tgt Ion:202 Resp: 1438435

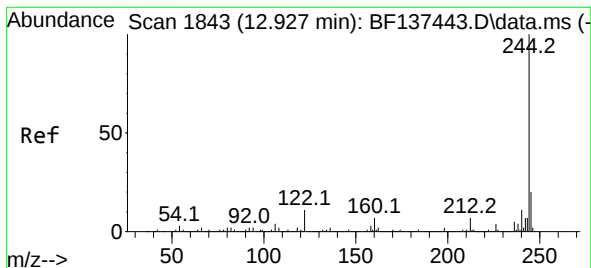
Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 54.947 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

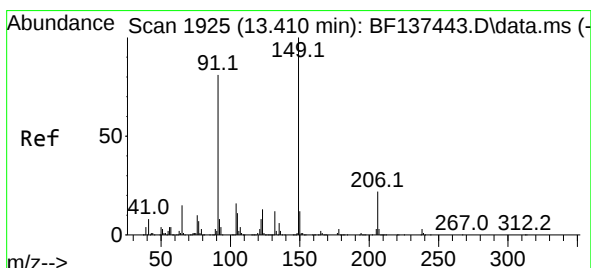
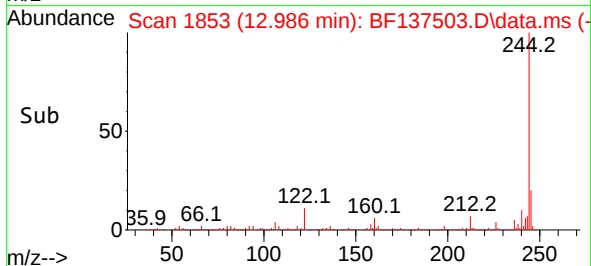
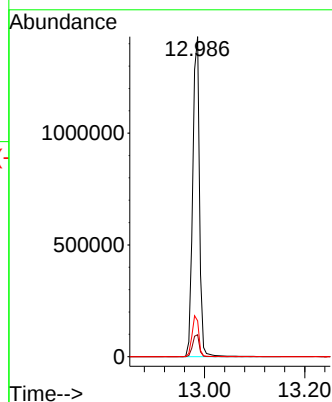
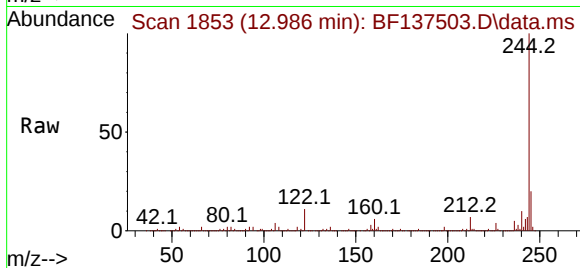
Tgt Ion:244 Resp: 1335859

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 9.1 13.7



#80

Butylbenzylphthalate

Concen: 58.320 ng

RT: 13.468 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

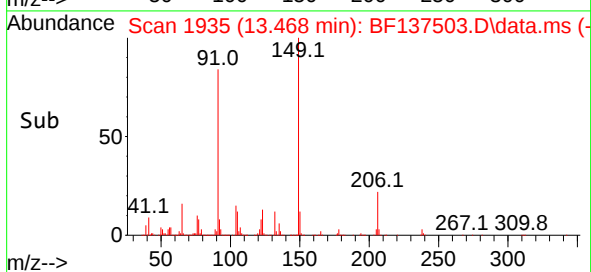
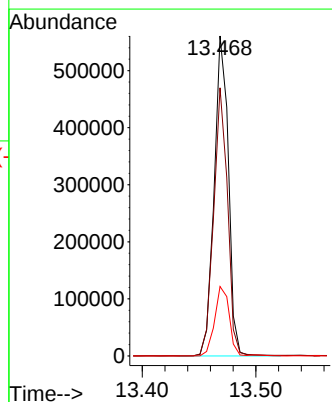
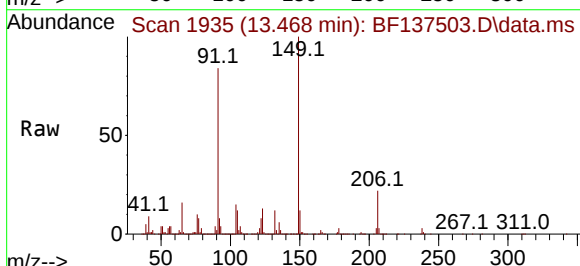
Tgt Ion:149 Resp: 488588

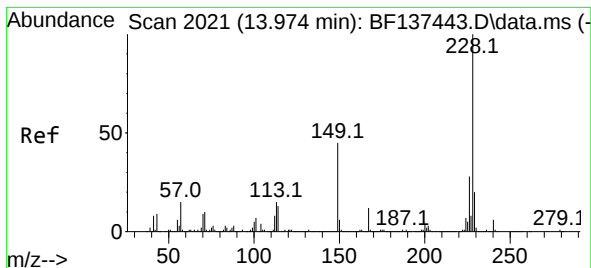
Ion Ratio Lower Upper

149 100

91 83.8 64.7 97.1

206 21.7 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.872 ng

RT: 14.033 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

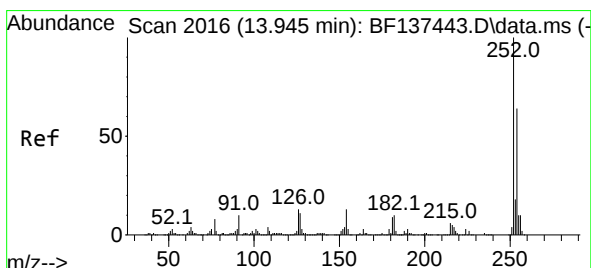
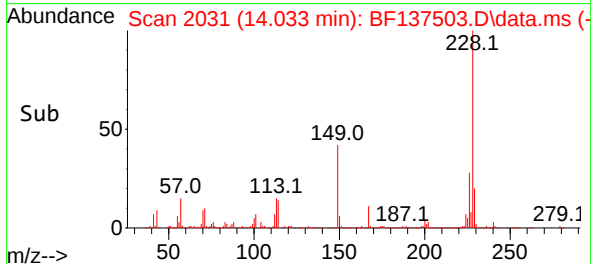
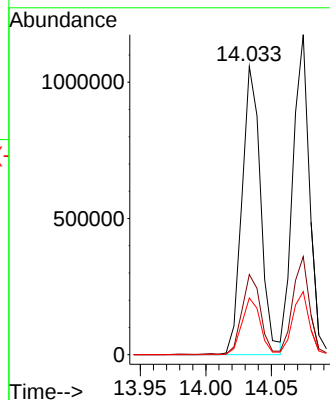
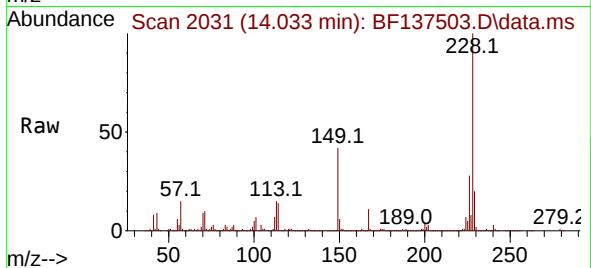
Tgt Ion:228 Resp: 1051432

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 19.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 31.546 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

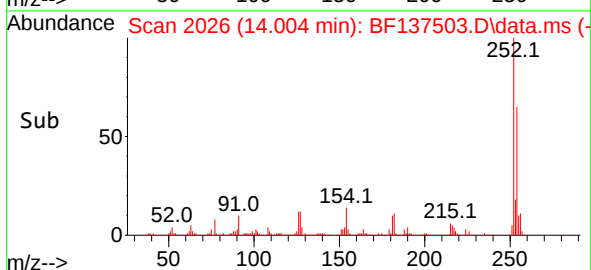
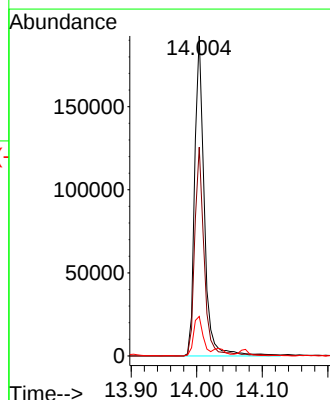
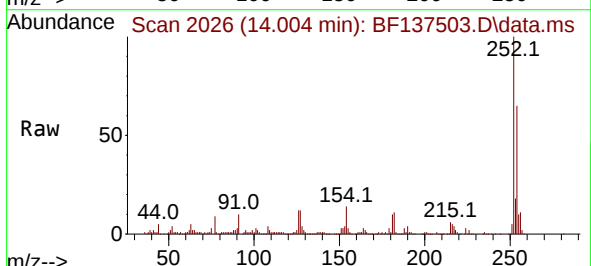
Tgt Ion:252 Resp: 196847

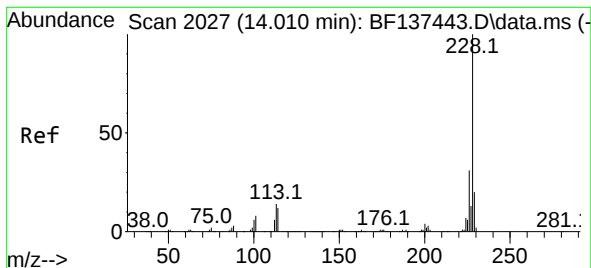
Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.2

126 12.3 10.4 15.6





#83

Chrysene

Concen: 44.339 ng

RT: 14.074 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

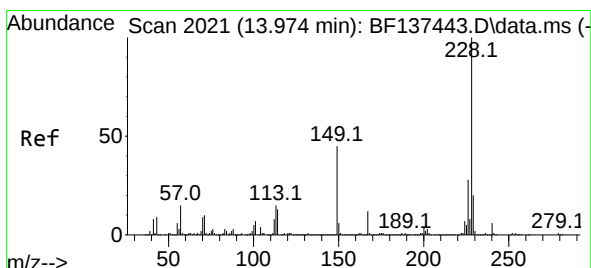
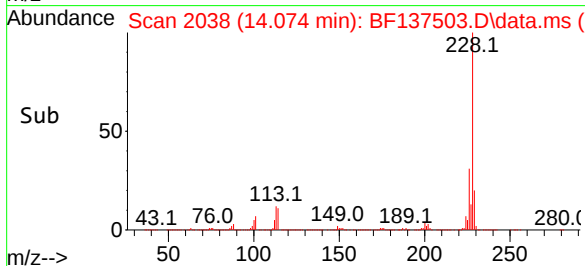
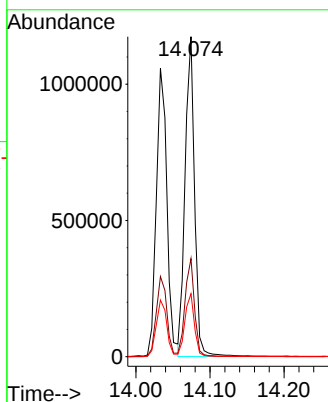
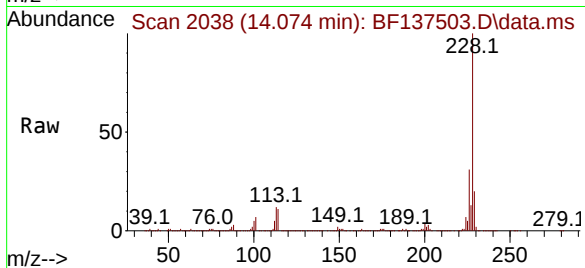
Tgt Ion:228 Resp: 1050065

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.621 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

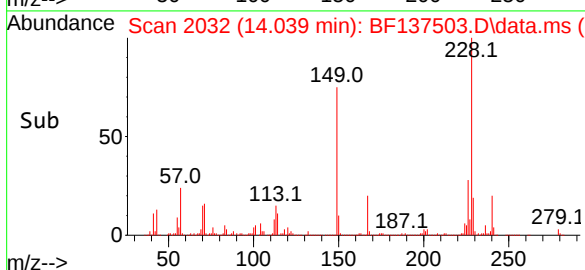
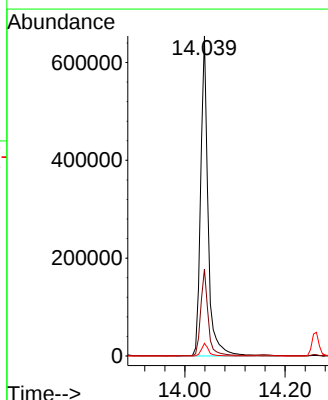
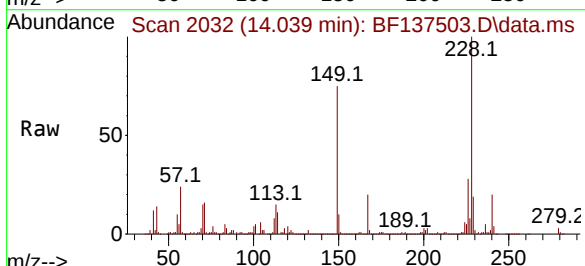
Tgt Ion:149 Resp: 666802

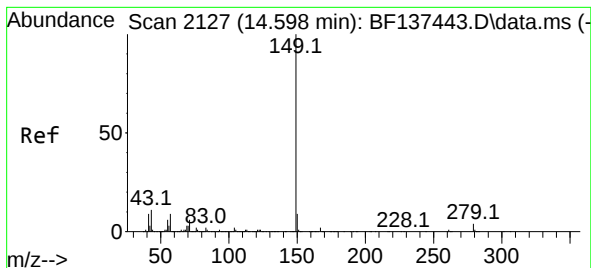
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.9 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 56.106 ng

RT: 14.663 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

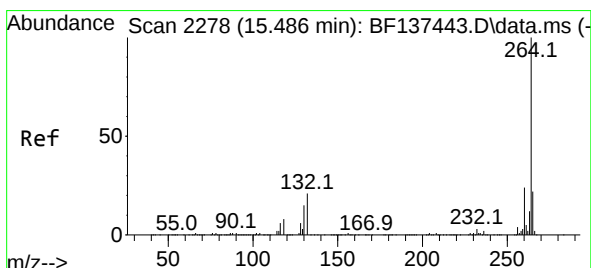
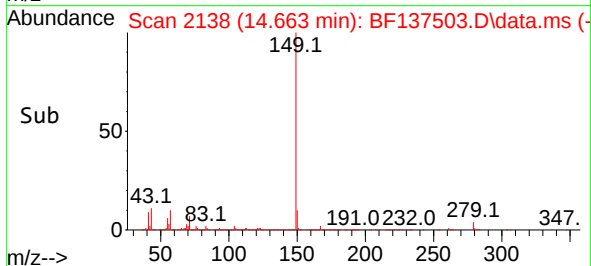
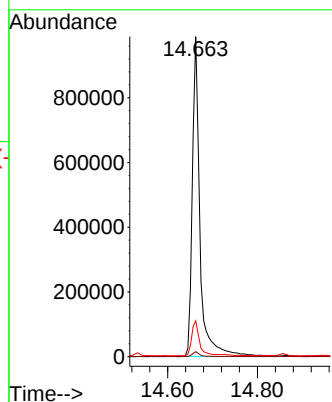
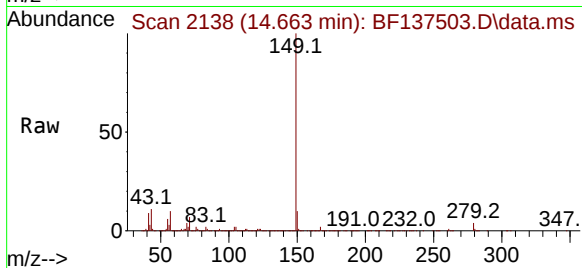
Tgt Ion:149 Resp: 1173406

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

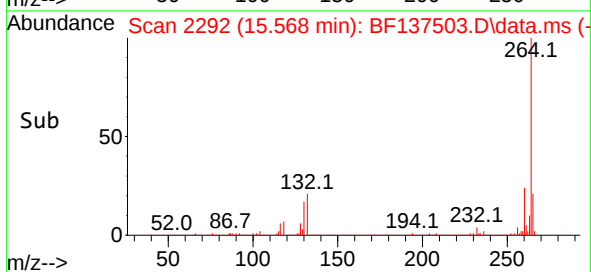
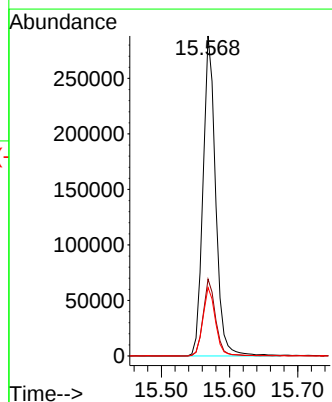
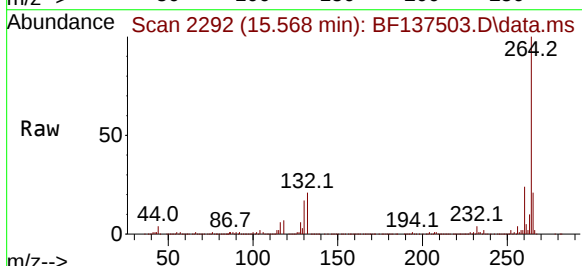
Tgt Ion:264 Resp: 371646

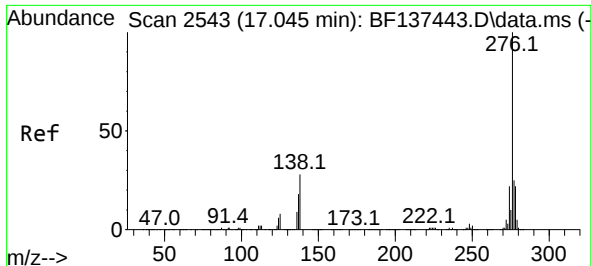
Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.4 17.4 26.0

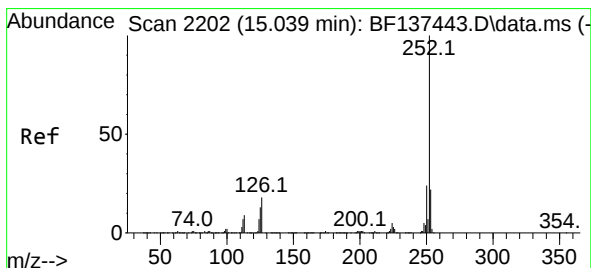
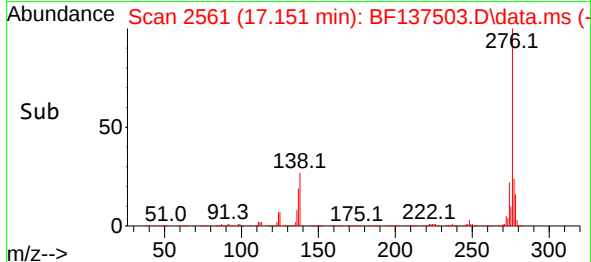
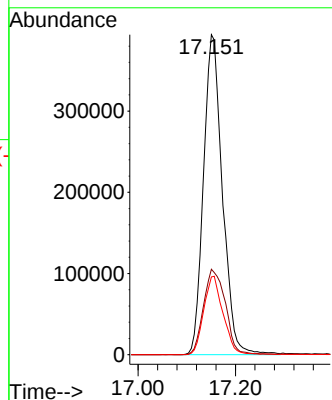
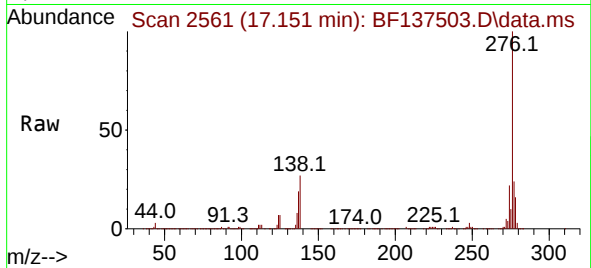




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.484 ng  
 RT: 17.151 min Scan# 2116  
 Delta R.T. -0.006 min  
 Lab File: BF137503.D  
 Acq: 05 Mar 2024 16:32

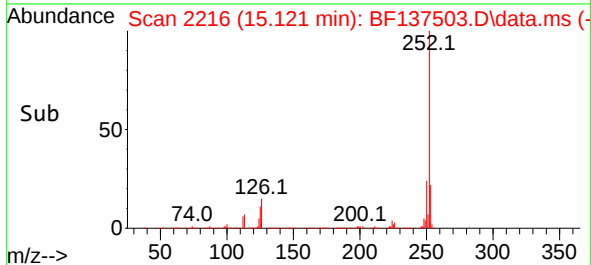
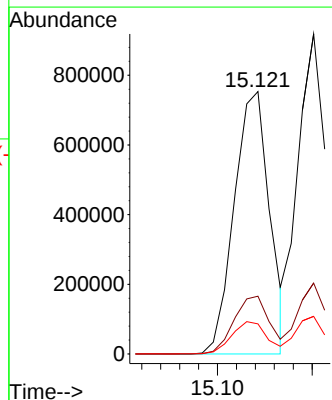
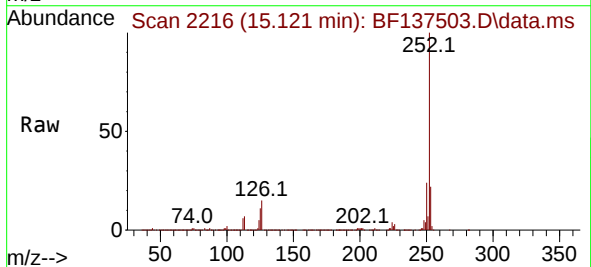
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3MSD

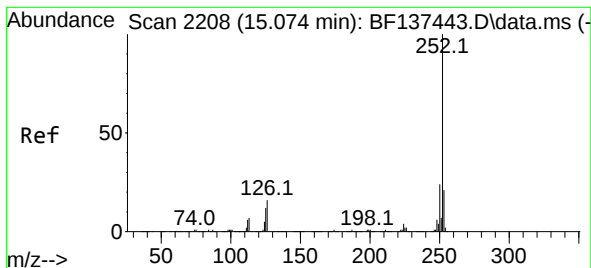
Tgt Ion:276 Resp: 1063486  
 Ion Ratio Lower Upper  
 276 100  
 138 30.9 25.8 38.8  
 277 25.1 20.2 30.2



#88  
 Benzo(b)fluoranthene  
 Concen: 44.503 ng  
 RT: 15.121 min Scan# 2216  
 Delta R.T. 0.006 min  
 Lab File: BF137503.D  
 Acq: 05 Mar 2024 16:32

Tgt Ion:252 Resp: 978372  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.8 26.8  
 125 11.4 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 42.044 ng

RT: 15.151 min Scan# 2221

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

Instrument :

BNA\_F

ClientSampleId :

TP-3MSD

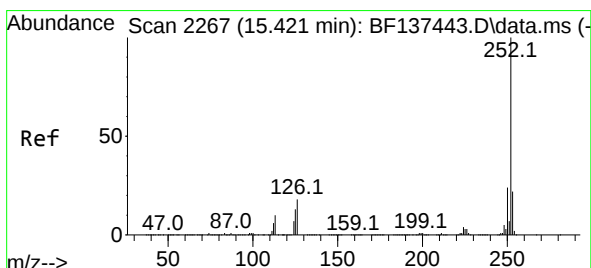
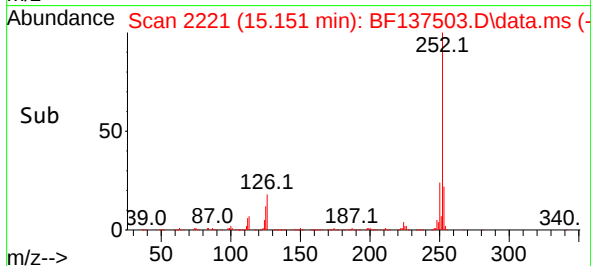
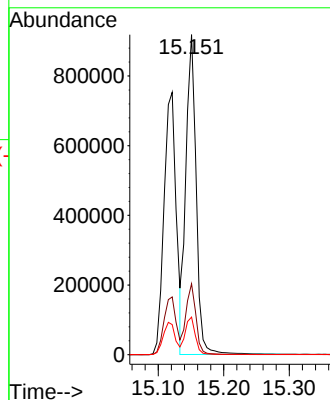
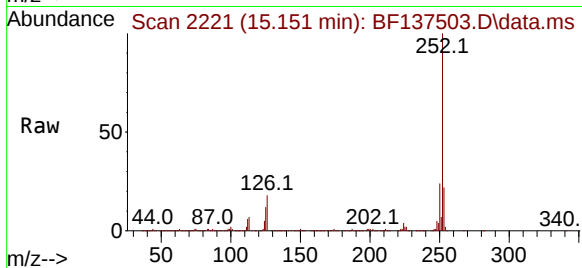
Tgt Ion:252 Resp: 992795

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.7 9.6 14.4



#90

Benzo(a)pyrene

Concen: 43.779 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF137503.D

Acq: 05 Mar 2024 16:32

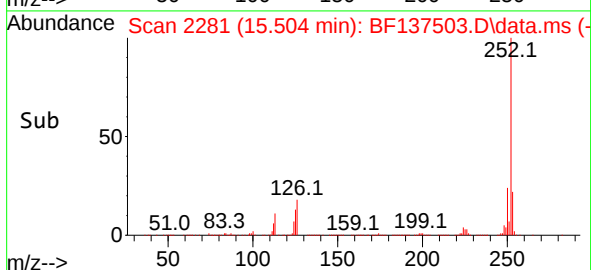
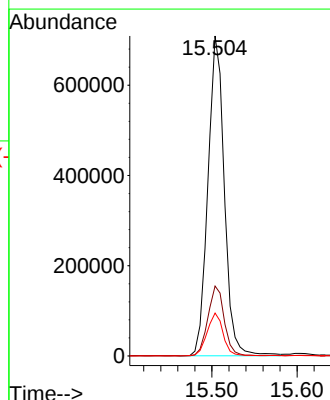
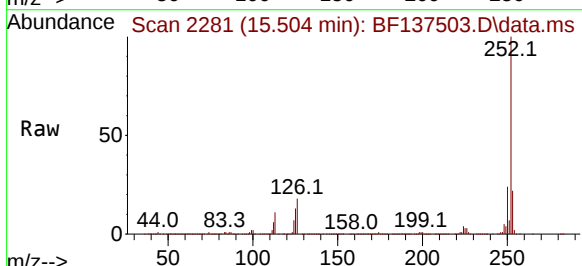
Tgt Ion:252 Resp: 948452

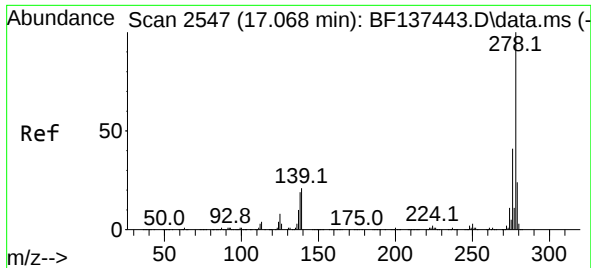
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 13.4 10.4 15.6

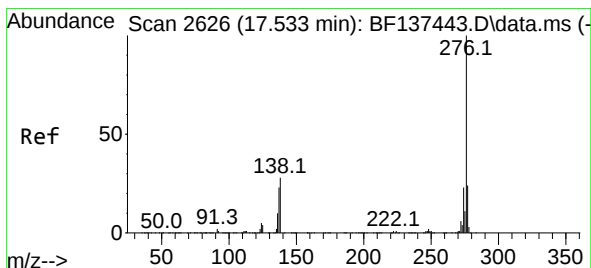
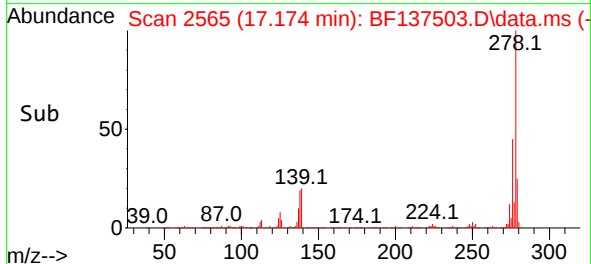
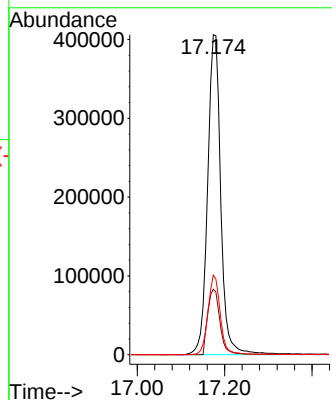
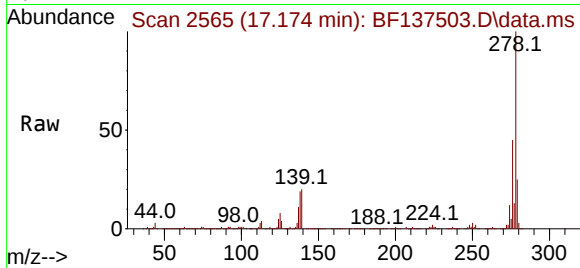




#91  
Dibenzo(a,h)anthracene  
Concen: 42.888 ng  
RT: 17.174 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3MSD

Tgt Ion:278 Resp: 850887  
Ion Ratio Lower Upper  
278 100  
139 20.5 17.0 25.6  
279 24.9 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 39.363 ng  
RT: 17.627 min Scan# 2642  
Delta R.T. -0.012 min  
Lab File: BF137503.D  
Acq: 05 Mar 2024 16:32

Tgt Ion:276 Resp: 802028  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.0 28.4  
138 27.5 22.2 33.2

