

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031124\  
 Data File : BF137558.D  
 Acq On : 11 Mar 2024 16:13  
 Operator : CG\JU  
 Sample : PB159533BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159533BS

Quant Time: Mar 12 02:04:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 12 02:00:03 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 233547   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 938920   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 522788   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.433 | 188  | 941249   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.098 | 240  | 517827   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.651 | 264  | 465573   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 1911928  | 123.987 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.557  | 99   | 2638445  | 118.535 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.469  | 82   | 1689634  | 83.614  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.739 | 330  | 698807   | 152.213 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 2719122  | 81.417  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 3180632  | 84.463  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.910  | 88   | 301153   | 35.717  | ng    | 98       |
| 3) Pyridine                   | 3.675  | 79   | 681819   | 33.529  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.657  | 42   | 356892   | 43.697  | ng    | 100      |
| 6) Aniline                    | 6.581  | 93   | 568862   | 20.915  | ng    | 95       |
| 8) 2-Chlorophenol             | 6.698  | 128  | 776188   | 47.723  | ng    | 98       |
| 9) Benzaldehyde               | 6.469  | 77   | 364753   | 33.449  | ng    | 97       |
| 10) Phenol                    | 6.569  | 94   | 1016926  | 42.446  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.651  | 93   | 800880   | 45.618  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.845  | 146  | 787189   | 45.293  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.922  | 146  | 786665   | 44.239  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.069  | 146  | 759621   | 46.541  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.051  | 79   | 716603   | 51.713  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.175  | 45   | 1246058  | 41.291  | ng    | 92       |
| 17) 2-Methylphenol            | 7.163  | 107  | 655062   | 43.042  | ng    | 97       |
| 18) Hexachloroethane          | 7.404  | 117  | 277367   | 47.371  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.322  | 70   | 578192   | 42.065  | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.316  | 107  | 731629   | 41.975  | ng    | 94       |
| 22) Acetophenone              | 7.310  | 105  | 1011044  | 44.505  | ng    | # 98     |
| 24) Nitrobenzene              | 7.486  | 77   | 881505   | 43.425  | ng    | 97       |
| 25) Isophorone                | 7.722  | 82   | 1727225  | 44.991  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.798  | 139  | 411262   | 51.030  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.839  | 122  | 597772   | 39.696  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.933  | 93   | 1027655  | 45.623  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.039  | 162  | 658148   | 47.621  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 676161   | 46.491  | ng    | 99       |
| 31) Naphthalene               | 8.198  | 128  | 2176112  | 43.197  | ng    | 100      |
| 32) Benzoic acid              | 7.992  | 122  | 435242   | 49.902  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 374280   | 18.947  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 390767   | 45.510  | ng    | 99       |
| 35) Caprolactam               | 8.633  | 113  | 110622   | 23.605  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.745  | 107  | 722020   | 46.737  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 1375949  | 42.845  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 1309088  | 43.285  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 664872   | 45.555  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 574738   | 94.796  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.175  | 196  | 457515   | 48.138  | ng    | 99       |

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 ALS Vial : 7 Sample Multiplier: 1

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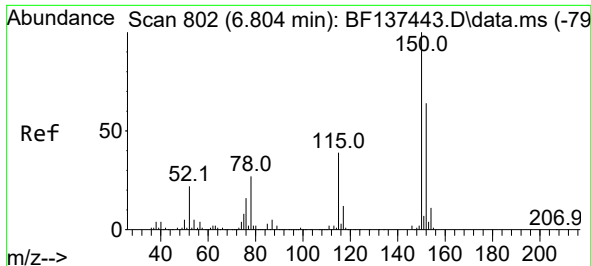
Quant Time: Mar 12 02:04:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 12 02:00:03 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.228  | 196  | 476302   | 43.504  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 1676038  | 43.803  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.380  | 162  | 1348528  | 46.226  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.486  | 65   | 487651   | 49.180  | ng    | 99       |
| 49) Acenaphthylene            | 9.798  | 152  | 2099007  | 44.960  | ng    | 100      |
| 50) Dimethylphthalate         | 9.669  | 163  | 1667343  | 45.816  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.733  | 165  | 371737   | 48.837  | ng    | 87       |
| 52) Acenaphthene              | 9.975  | 154  | 1185031  | 42.517  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.898  | 138  | 268700   | 33.374  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 10.010 | 184  | 395575   | 103.819 | ng    | 95       |
| 55) Dibenzofuran              | 10.145 | 168  | 1797880  | 42.351  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.080 | 139  | 543894   | 94.106  | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.139 | 165  | 440771   | 47.133  | ng #  | 88       |
| 58) Fluorene                  | 10.492 | 166  | 1373076  | 42.116  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.269 | 232  | 430977   | 49.088  | ng    | 95       |
| 60) Diethylphthalate          | 10.374 | 149  | 1561100  | 45.426  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.486 | 204  | 670671   | 41.975  | ng    | 94       |
| 62) 4-Nitroaniline            | 10.527 | 138  | 338953   | 48.982  | ng    | 97       |
| 63) Azobenzene                | 10.645 | 77   | 1734339  | 43.827  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.551 | 198  | 274533   | 52.332  | ng    | 87       |
| 66) n-Nitrosodiphenylamine    | 10.610 | 169  | 1285361  | 42.408  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.980 | 248  | 463411   | 45.203  | ng    | 94       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 497841   | 48.079  | ng    | 94       |
| 69) Atrazine                  | 11.145 | 200  | 382424   | 41.505  | ng    | 98       |
| 70) Pentachlorophenol         | 11.239 | 266  | 567852   | 90.718  | ng    | 99       |
| 71) Phenanthrene              | 11.463 | 178  | 2170658  | 42.375  | ng    | 99       |
| 72) Anthracene                | 11.516 | 178  | 2201814  | 41.851  | ng    | 100      |
| 73) Carbazole                 | 11.669 | 167  | 1978710  | 43.908  | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.010 | 149  | 2353410  | 43.893  | ng    | 99       |
| 75) Fluoranthene              | 12.657 | 202  | 2194923  | 43.836  | ng    | 98       |
| 77) Benzidine                 | 12.786 | 184  | 209220   | 16.510  | ng    | 98       |
| 78) Pyrene                    | 12.886 | 202  | 2201450  | 43.327  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.521 | 149  | 764344   | 58.903  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.086 | 228  | 1603986  | 44.194  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.057 | 252  | 391243   | 40.480  | ng    | 99       |
| 83) Chrysene                  | 14.127 | 228  | 1630953  | 44.462  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.086 | 149  | 900532   | 54.600  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.721 | 149  | 1546407  | 48.573  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.292 | 276  | 1496400  | 48.841  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.186 | 252  | 1432143  | 52.001  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.221 | 252  | 1313422  | 44.401  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.586 | 252  | 1265544  | 46.631  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.321 | 278  | 1211379  | 48.740  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.792 | 276  | 1200167  | 47.020  | ng    | 100      |

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

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QLast Update : Tue Mar 12 02:00:03 2024  
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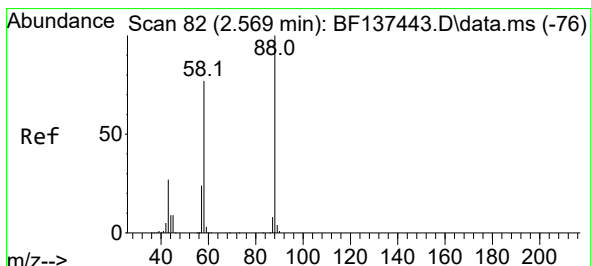
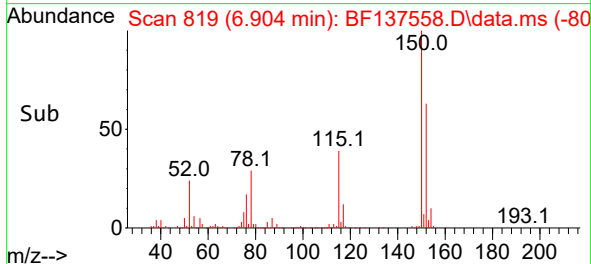
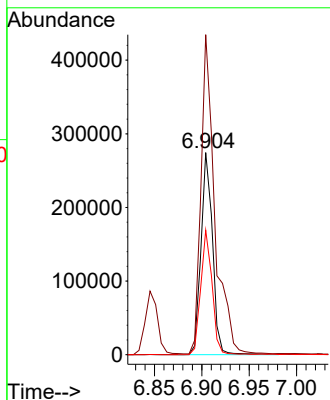
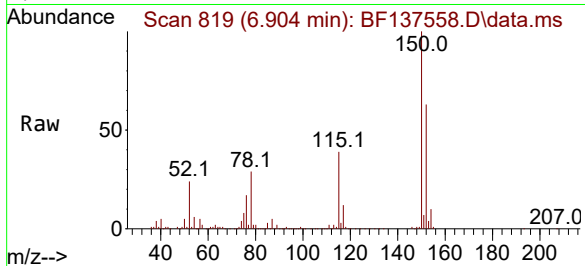




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.904 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF137558.D  
 Acq: 11 Mar 2024 16:13

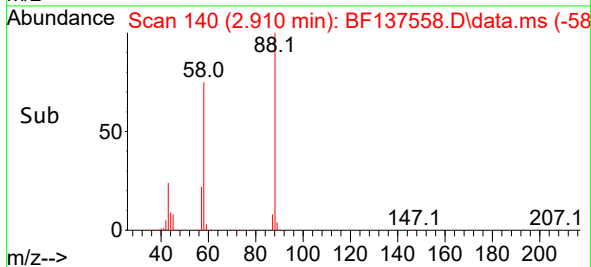
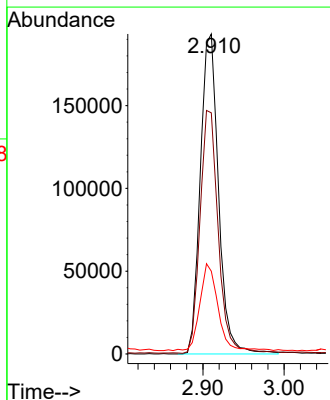
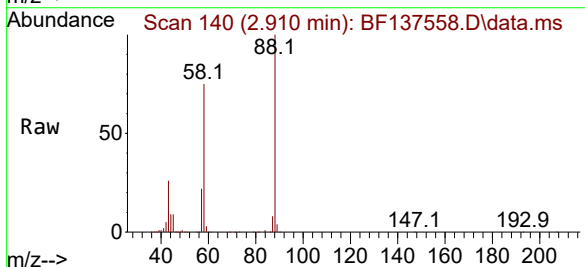
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159533BS

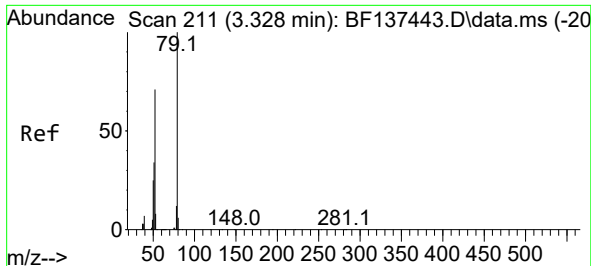
Tgt Ion:152 Resp: 233547  
 Ion Ratio Lower Upper  
 152 100  
 150 158.3 125.8 188.6  
 115 61.6 48.8 73.2



#2  
 1,4-Dioxane  
 Concen: 35.717 ng  
 RT: 2.910 min Scan# 140  
 Delta R.T. 0.135 min  
 Lab File: BF137558.D  
 Acq: 11 Mar 2024 16:13

Tgt Ion: 88 Resp: 301153  
 Ion Ratio Lower Upper  
 88 100  
 58 75.7 61.8 92.8  
 43 27.2 22.2 33.4

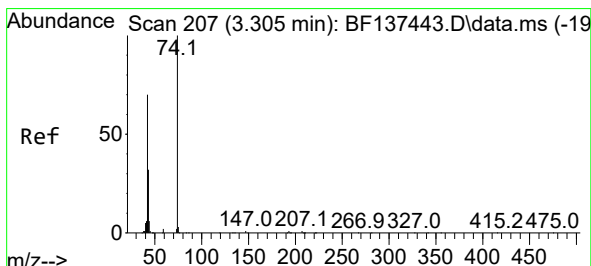
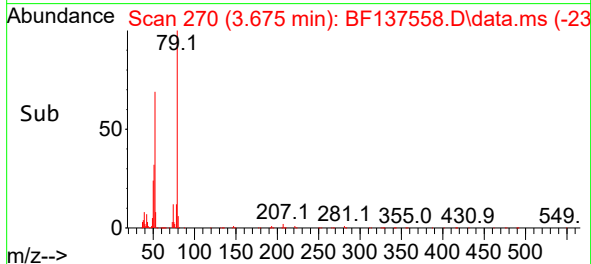
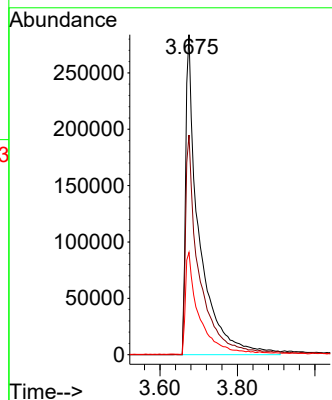
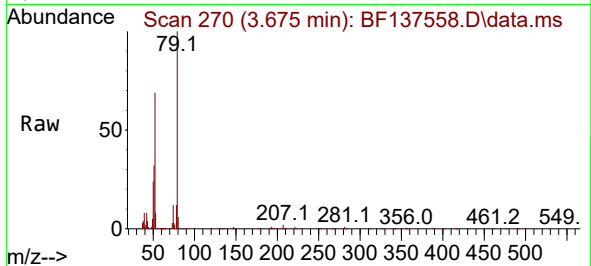




#3  
Pyridine  
Concen: 33.529 ng  
RT: 3.675 min Scan# 211  
Delta R.T. 0.100 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

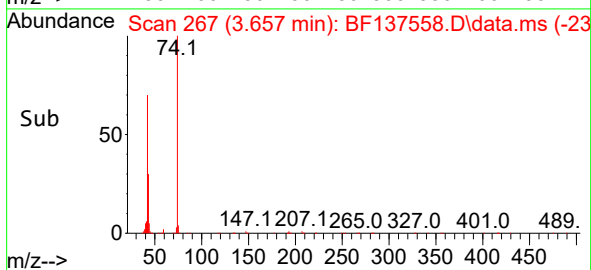
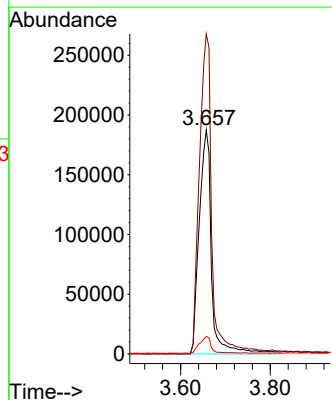
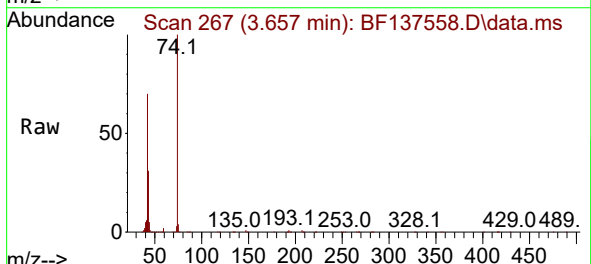
Instrument :  
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ClientSampleId :  
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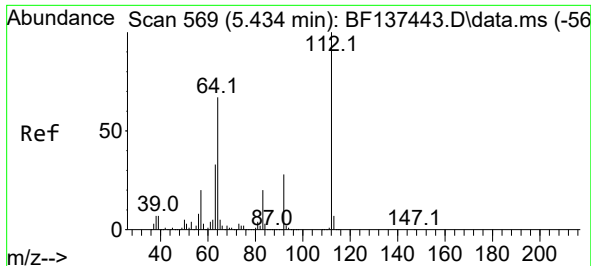
Tgt Ion: 79 Resp: 681819  
Ion Ratio Lower Upper  
79 100  
52 68.6 57.0 85.4  
51 31.9 27.5 41.3



#4  
n-Nitrosodimethylamine  
Concen: 43.697 ng  
RT: 3.657 min Scan# 267  
Delta R.T. 0.088 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion: 42 Resp: 356892  
Ion Ratio Lower Upper  
42 100  
74 142.7 114.0 171.0  
44 7.8 7.0 10.4

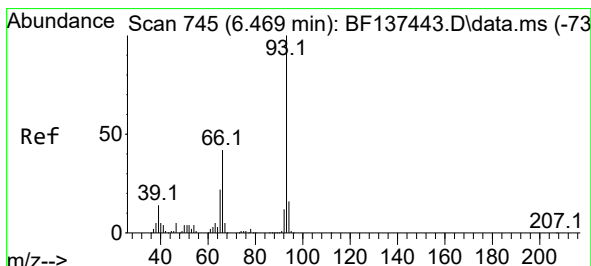
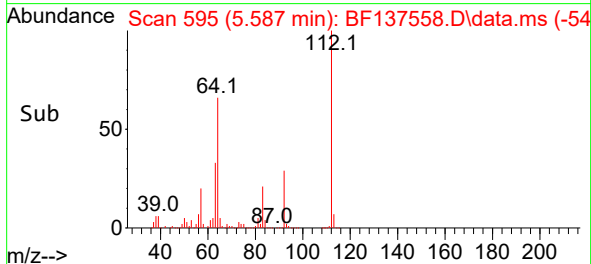
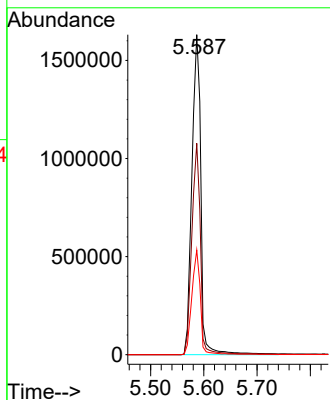
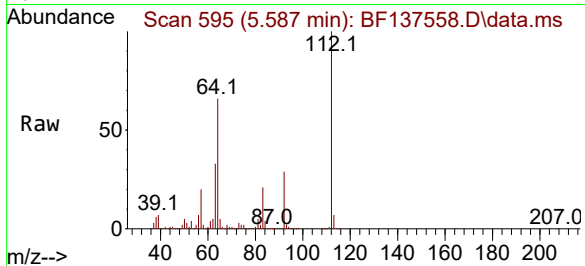




#5  
2-Fluorophenol  
Concen: 123.987 ng  
RT: 5.587 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

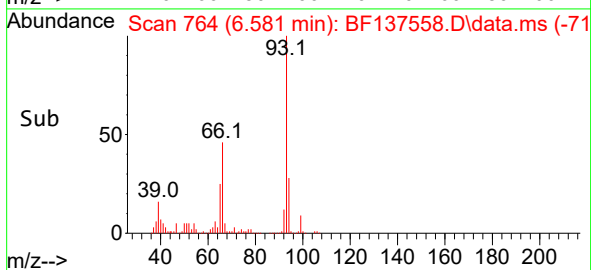
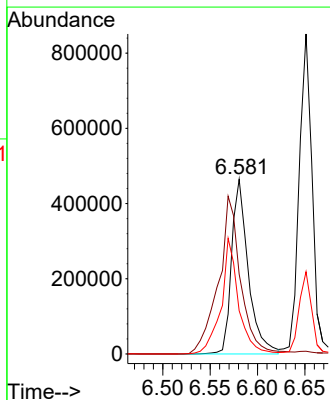
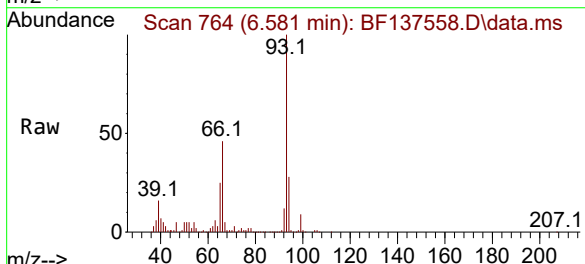
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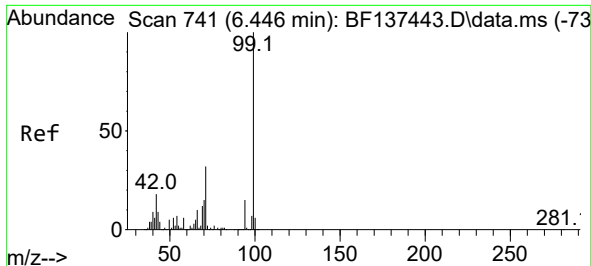
Tgt Ion:112 Resp: 1911928  
Ion Ratio Lower Upper  
112 100  
64 66.1 53.4 80.2  
63 32.7 26.2 39.2



#6  
Aniline  
Concen: 20.915 ng  
RT: 6.581 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion: 93 Resp: 568862  
Ion Ratio Lower Upper  
93 100  
66 45.7 34.0 51.0  
65 24.7 17.8 26.8

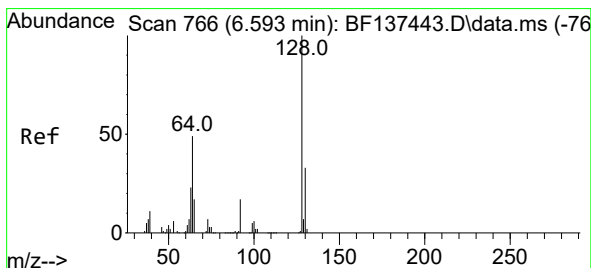
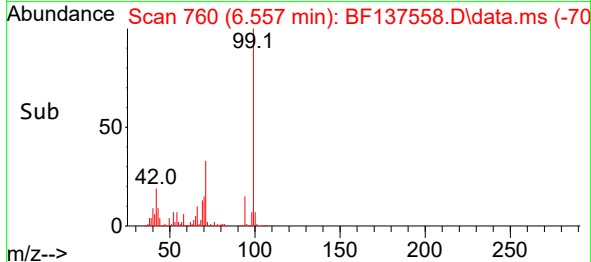
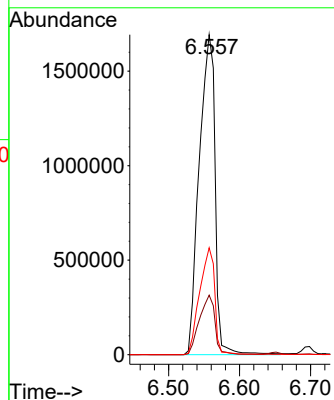
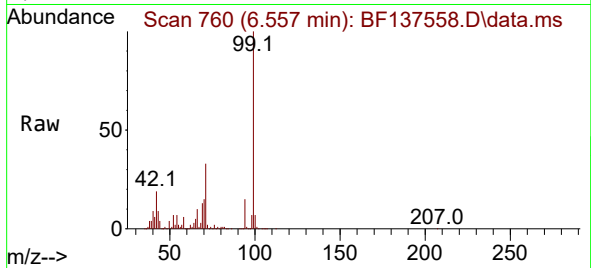




#7  
Phenol-d6  
Concen: 118.535 ng  
RT: 6.557 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

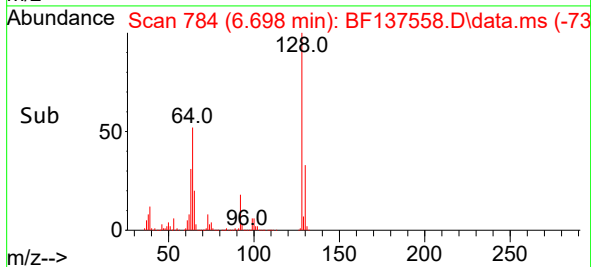
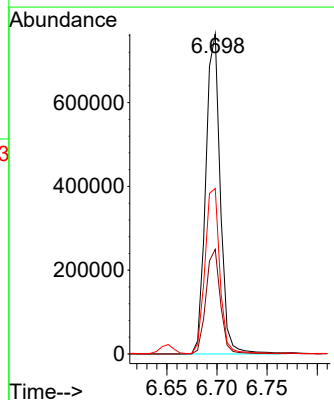
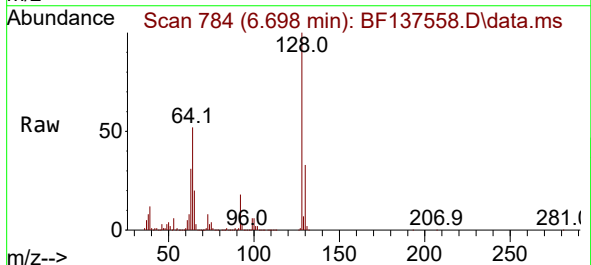
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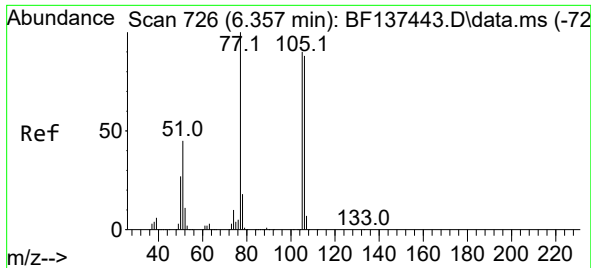
Tgt Ion: 99 Resp: 2638445  
Ion Ratio Lower Upper  
99 100  
42 18.6 14.6 21.8  
71 33.4 25.3 37.9



#8  
2-Chlorophenol  
Concen: 47.723 ng  
RT: 6.698 min Scan# 784  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:128 Resp: 776188  
Ion Ratio Lower Upper  
128 100  
130 32.7 13.4 53.4  
64 51.7 30.0 70.0





#9

Benzaldehyde

Concen: 33.449 ng

RT: 6.469 min Scan# 745

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

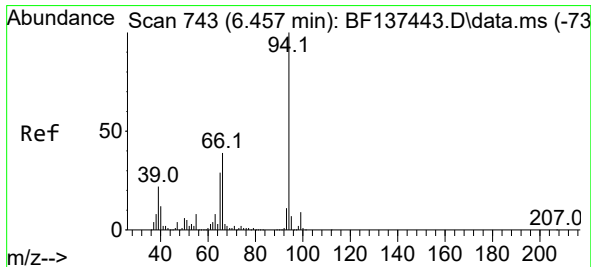
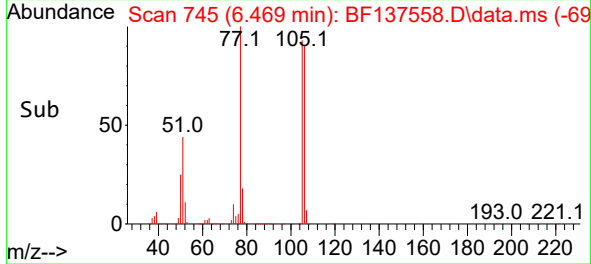
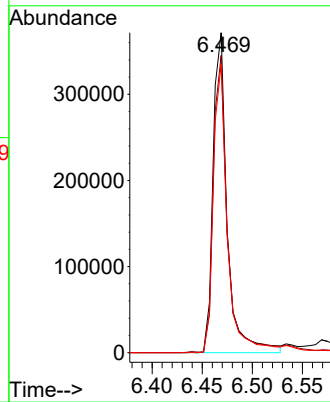
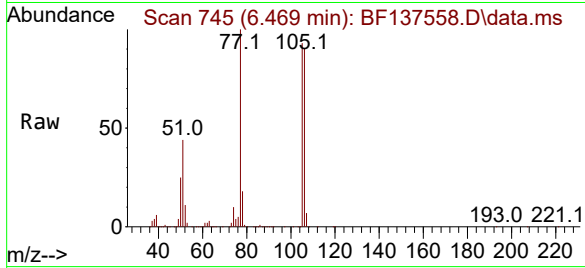
Tgt Ion: 77 Resp: 364753

Ion Ratio Lower Upper

77 100

105 92.9 69.8 109.8

106 90.1 67.8 107.8



#10

Phenol

Concen: 42.446 ng

RT: 6.569 min Scan# 762

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

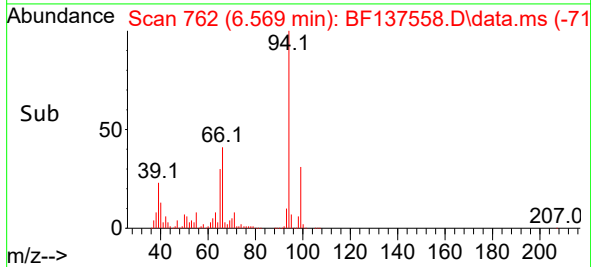
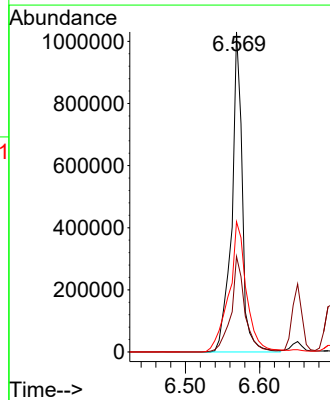
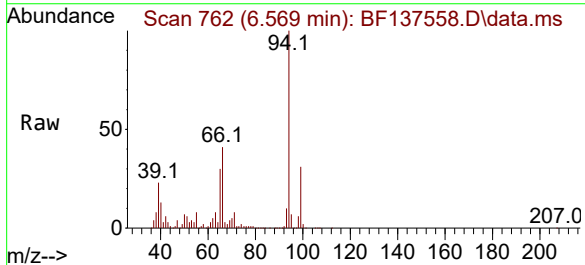
Tgt Ion: 94 Resp: 1016926

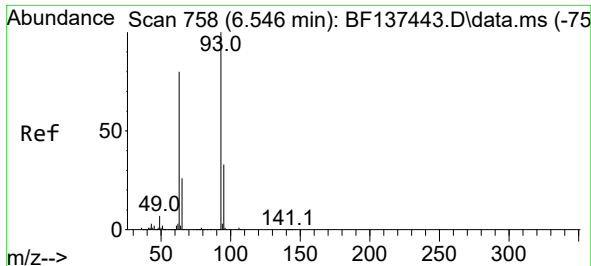
Ion Ratio Lower Upper

94 100

65 29.9 8.7 48.7

66 40.7 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 45.618 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

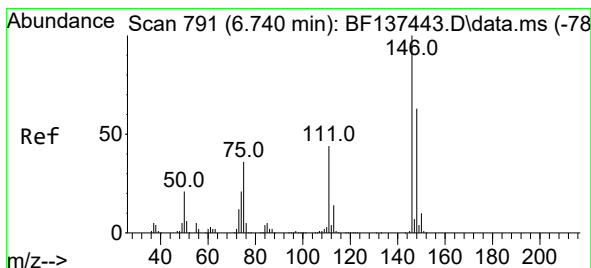
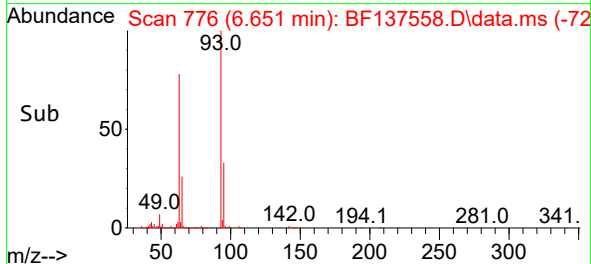
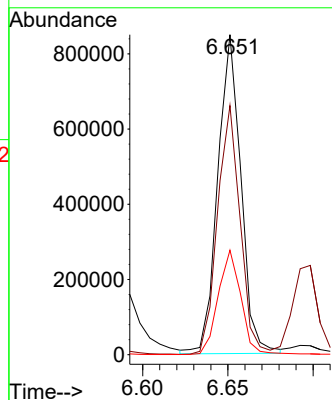
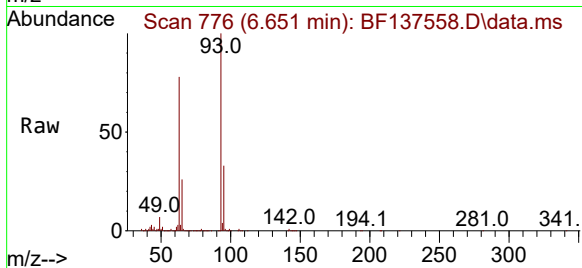
Tgt Ion: 93 Resp: 800880

Ion Ratio Lower Upper

93 100

63 77.9 58.9 98.9

95 32.6 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 45.293 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

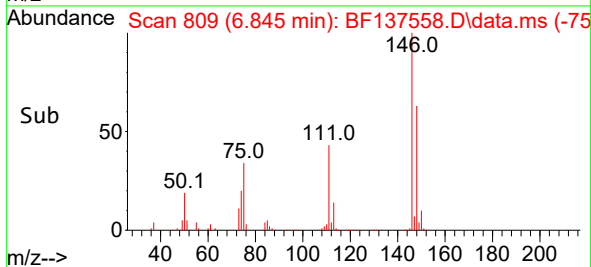
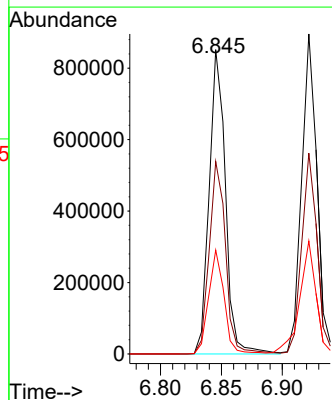
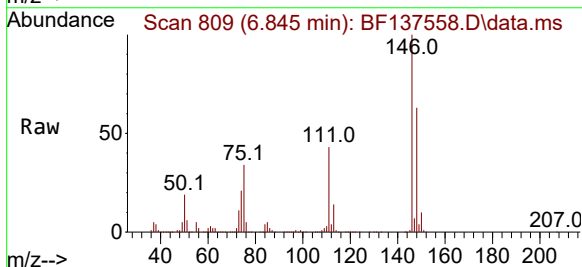
Tgt Ion:146 Resp: 787189

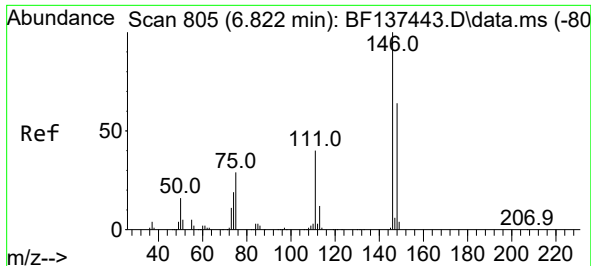
Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

75 34.1 29.0 43.4

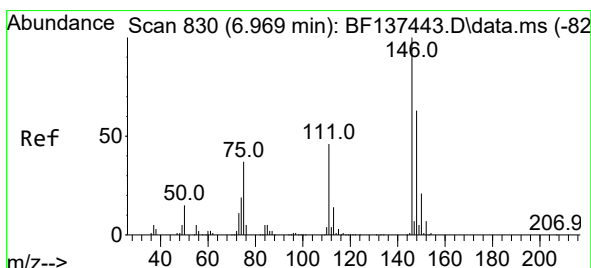
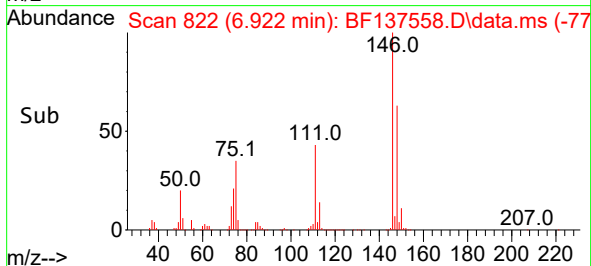
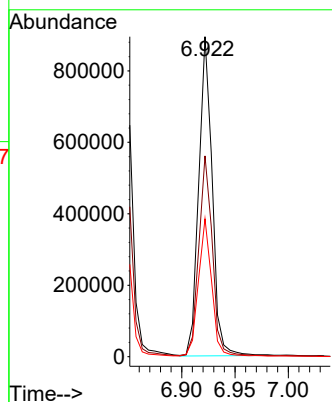
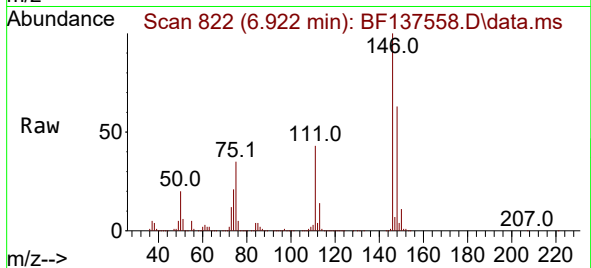




#13  
 1,4-Dichlorobenzene  
 Concen: 44.239 ng  
 RT: 6.922 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF137558.D  
 Acq: 11 Mar 2024 16:13

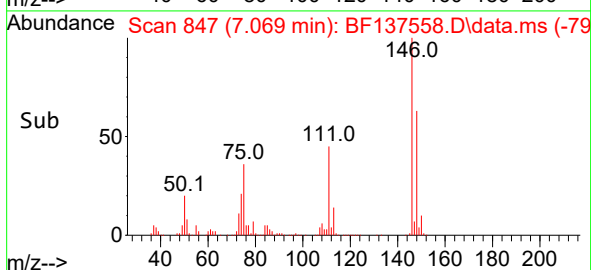
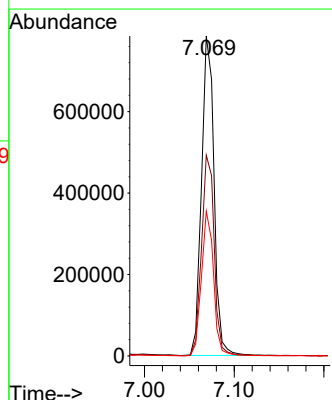
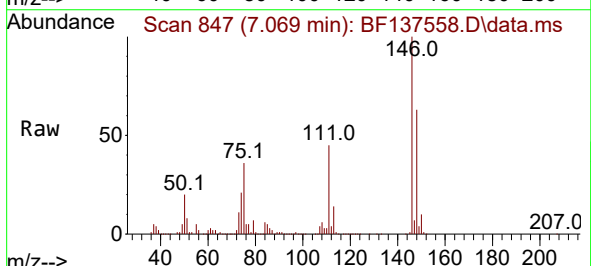
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159533BS

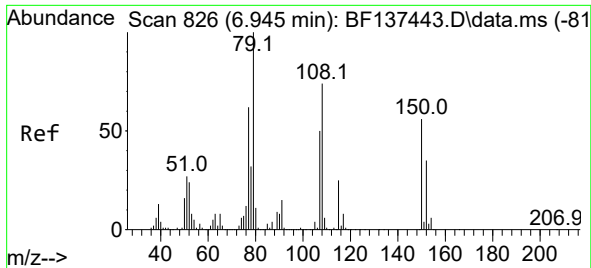
Tgt Ion:146 Resp: 786665  
 Ion Ratio Lower Upper  
 146 100  
 148 62.8 51.2 76.8  
 111 43.1 32.4 48.6



#14  
 1,2-Dichlorobenzene  
 Concen: 46.541 ng  
 RT: 7.069 min Scan# 847  
 Delta R.T. -0.006 min  
 Lab File: BF137558.D  
 Acq: 11 Mar 2024 16:13

Tgt Ion:146 Resp: 759621  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 50.0 75.0  
 111 45.3 36.8 55.2

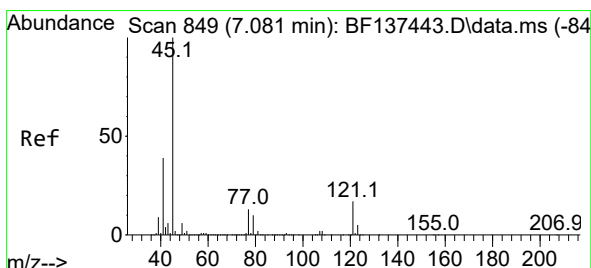
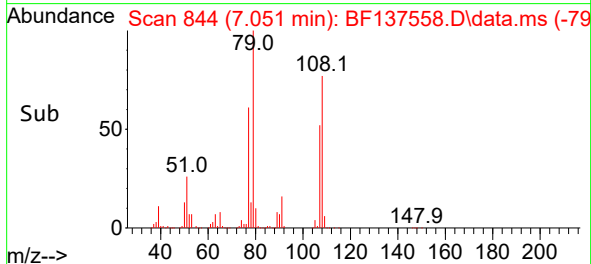
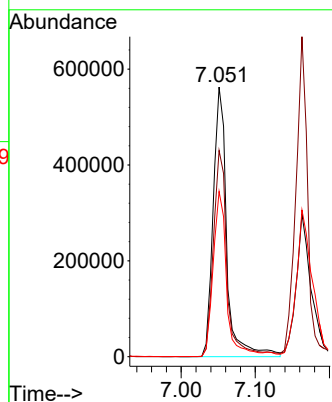
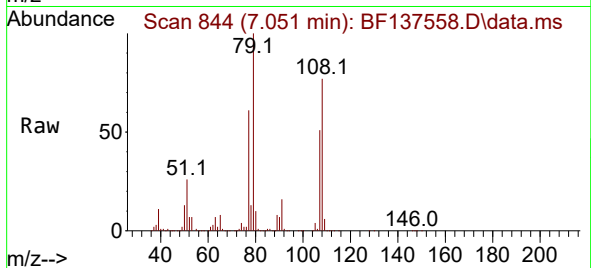




#15  
Benzyl Alcohol  
Concen: 51.713 ng  
RT: 7.051 min Scan# 844  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

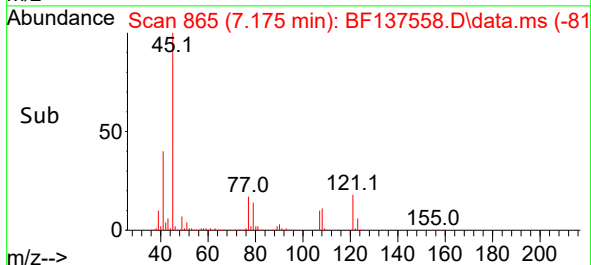
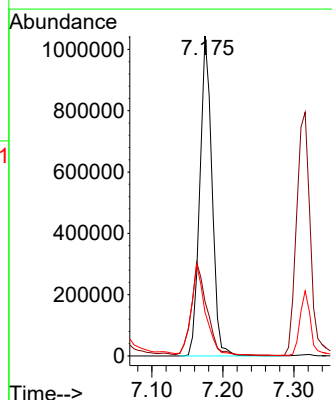
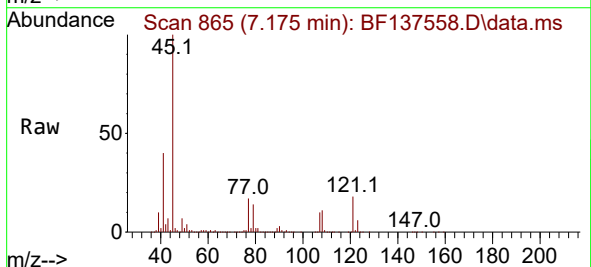
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

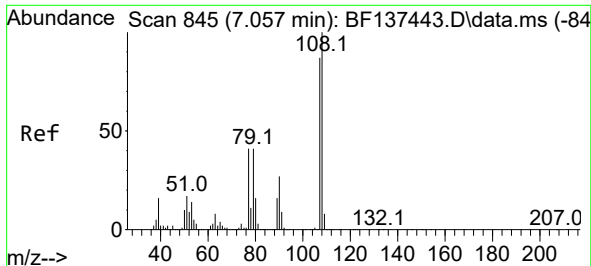
Tgt Ion: 79 Resp: 716603  
Ion Ratio Lower Upper  
79 100  
108 76.5 59.5 89.3  
77 61.3 50.0 75.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.291 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion: 45 Resp: 1246058  
Ion Ratio Lower Upper  
45 100  
77 17.0 0.0 33.4  
79 13.7 0.0 30.9

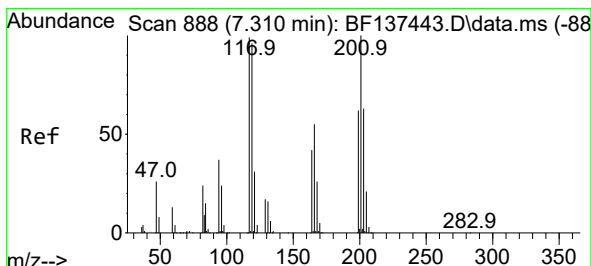
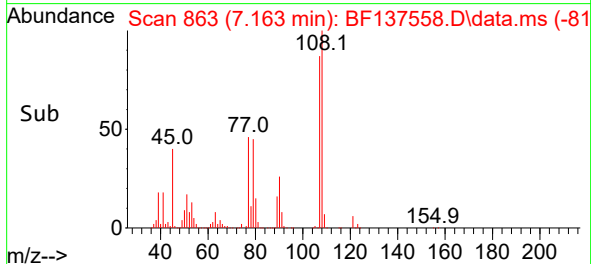
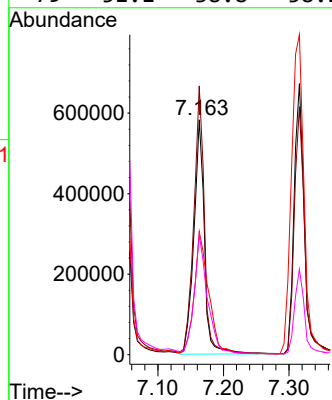
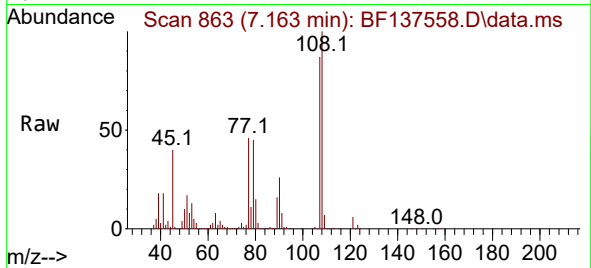




#17  
2-Methylphenol  
Concen: 43.042 ng  
RT: 7.163 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

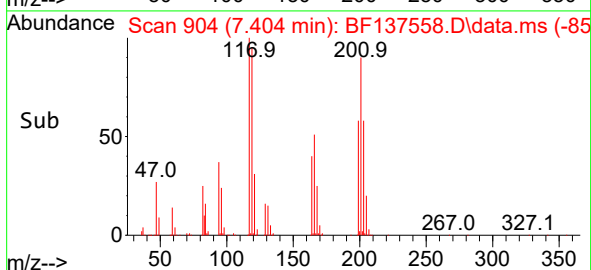
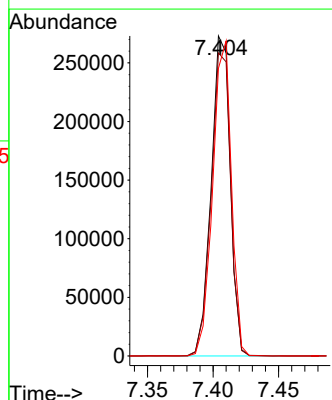
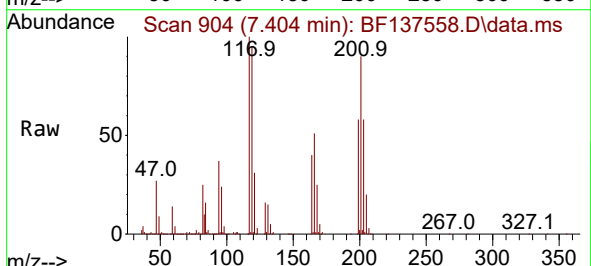
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

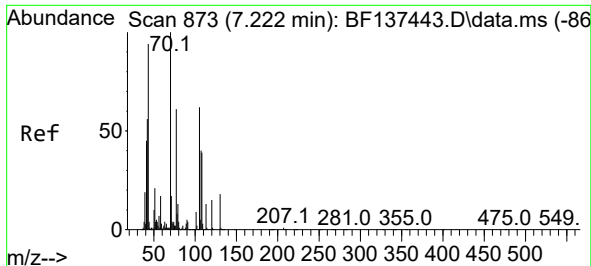
Tgt Ion:107 Resp: 655062  
Ion Ratio Lower Upper  
107 100  
108 114.4 92.2 138.4  
77 52.4 38.6 57.8  
79 51.1 38.8 58.2



#18  
Hexachloroethane  
Concen: 47.371 ng  
RT: 7.404 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:117 Resp: 277367  
Ion Ratio Lower Upper  
117 100  
119 94.7 77.5 116.3  
201 89.9 80.6 121.0



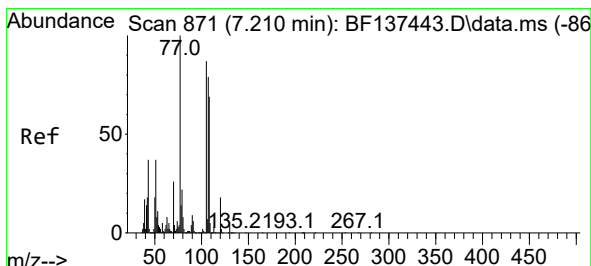
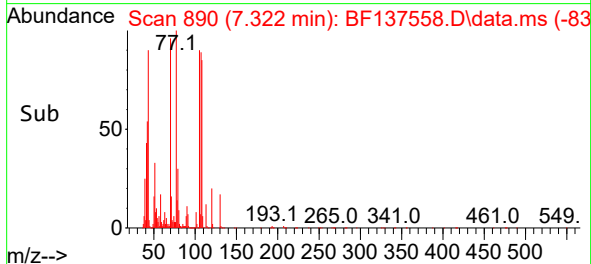
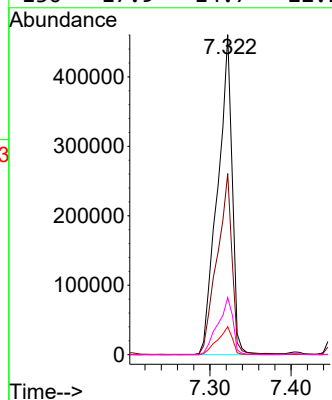
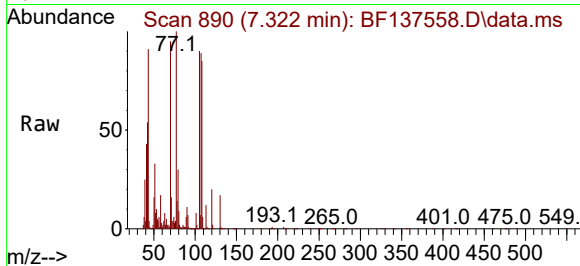


#19  
n-Nitroso-di-n-propylamine  
Concen: 42.065 ng  
RT: 7.322 min Scan# 89  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

Tgt Ion: 70 Resp: 578192

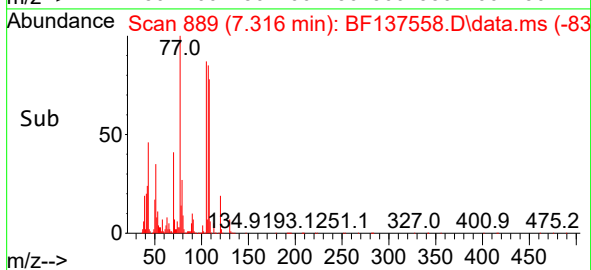
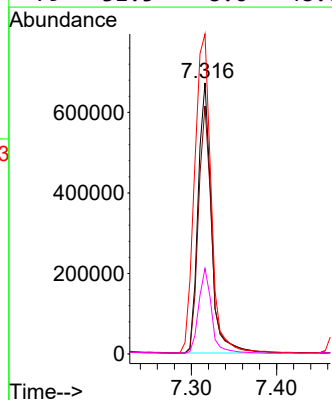
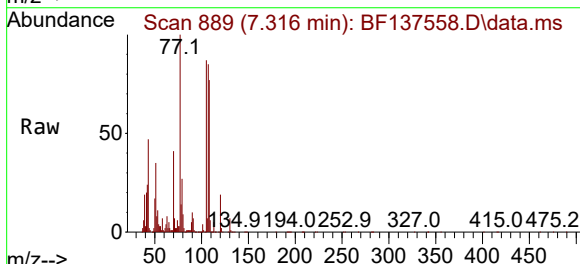
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 56.6  | 45.2  | 67.8  |
| 101 | 8.7   | 7.3   | 10.9  |
| 130 | 17.9  | 14.7  | 22.1  |

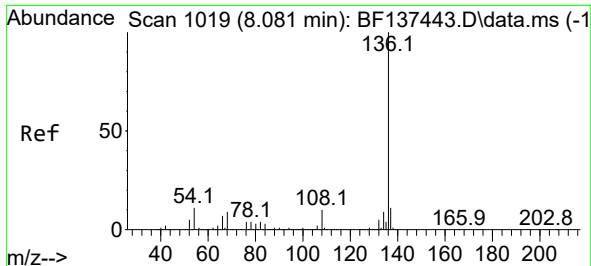


#20  
3+4-Methylphenols  
Concen: 41.975 ng  
RT: 7.316 min Scan# 889  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion: 107 Resp: 731629

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 91.5  | 67.6  | 107.6 |
| 77  | 118.1 | 107.1 | 147.1 |
| 79  | 31.5  | 8.6   | 48.6  |

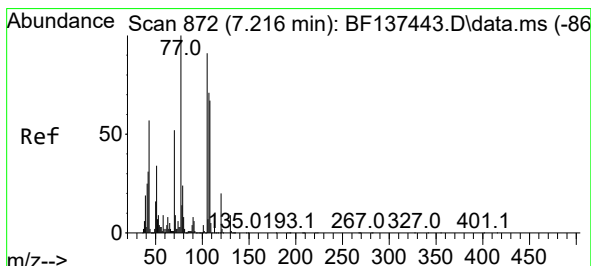
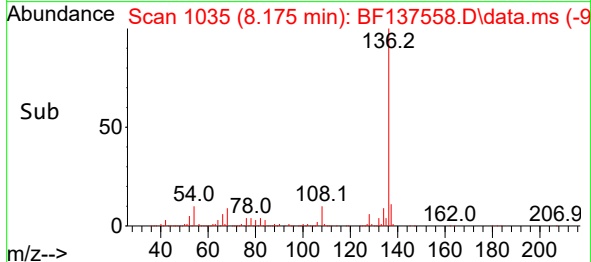
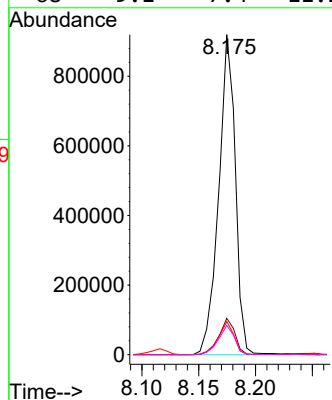
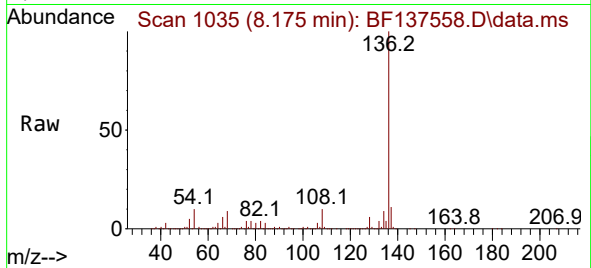




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

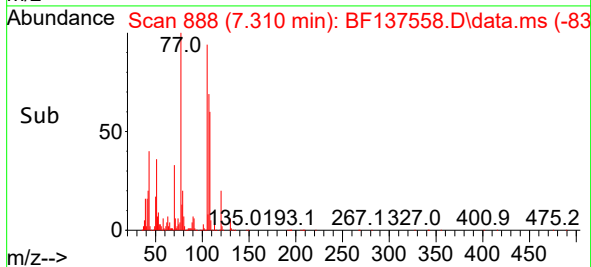
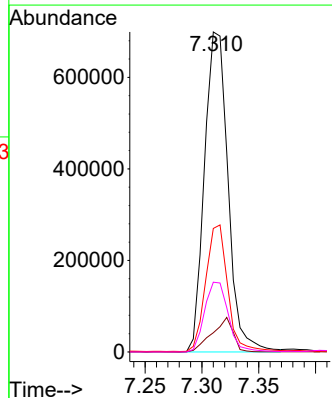
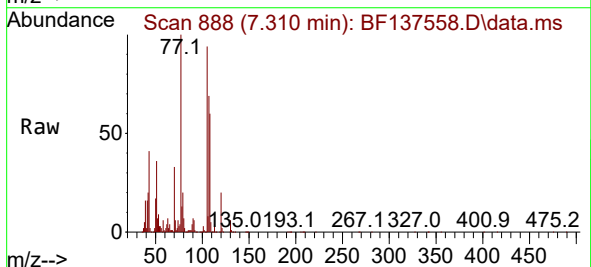
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

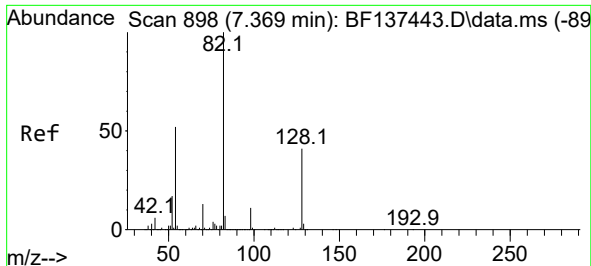
Tgt Ion:136 Resp: 938920  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.1 13.7  
54 10.3 8.5 12.7  
68 9.1 7.4 11.2



#22  
Acetophenone  
Concen: 44.505 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:105 Resp: 1011044  
Ion Ratio Lower Upper  
105 100  
71 6.0 7.7 11.5#  
51 38.6 30.4 45.6  
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.614 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

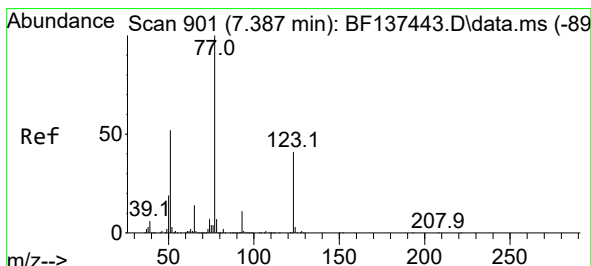
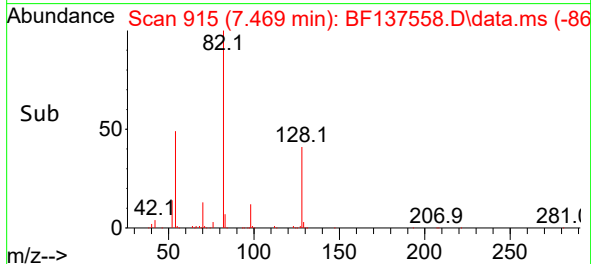
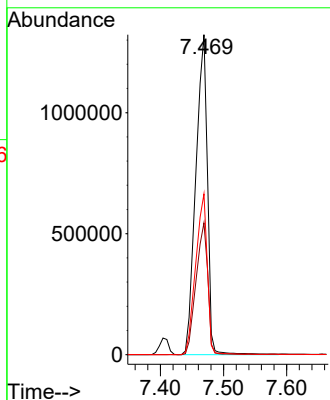
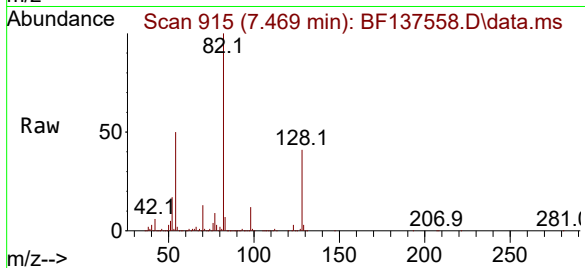
BNA\_F

ClientSampleId :

PB159533BS

Tgt Ion: 82 Resp: 1689634

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.2  | 32.5  | 48.7  |
| 54  | 50.2  | 41.5  | 62.3  |



#24

Nitrobenzene

Concen: 43.425 ng

RT: 7.486 min Scan# 918

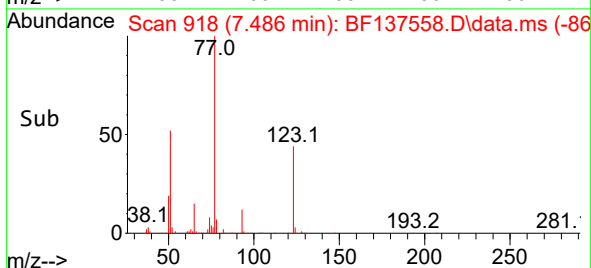
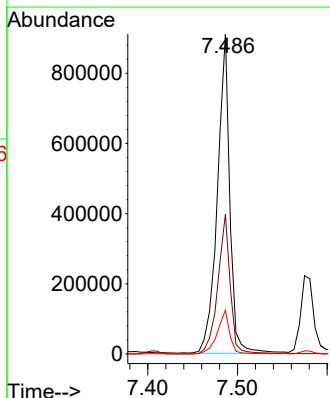
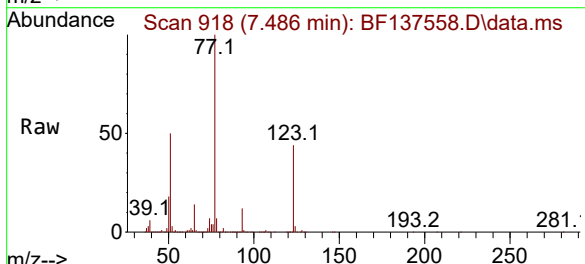
Delta R.T. -0.000 min

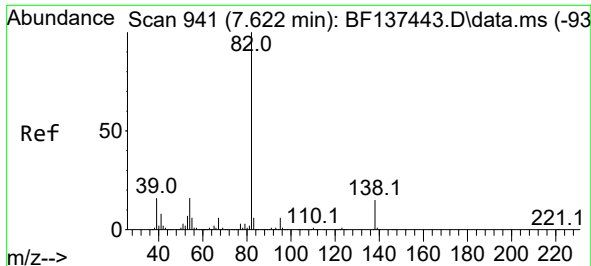
Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Tgt Ion: 77 Resp: 881505

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 43.8  | 33.0  | 49.6  |
| 65  | 13.6  | 10.9  | 16.3  |

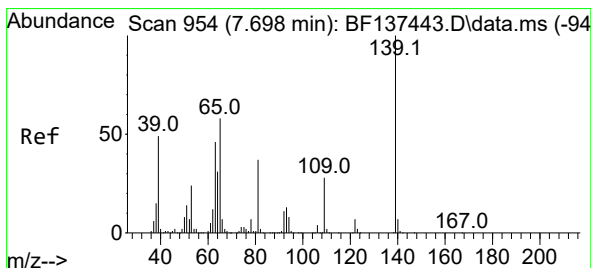
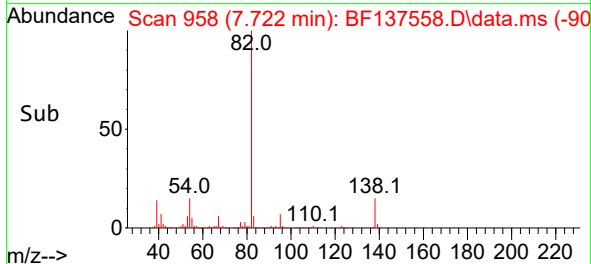
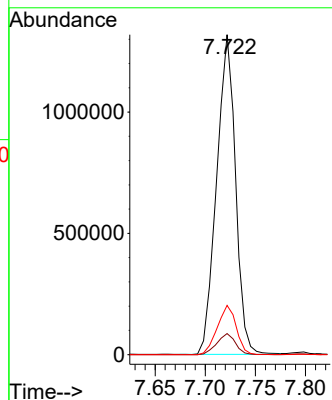
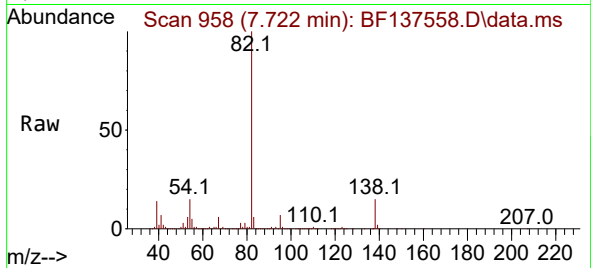




#25  
Isophorone  
Concen: 44.991 ng  
RT: 7.722 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

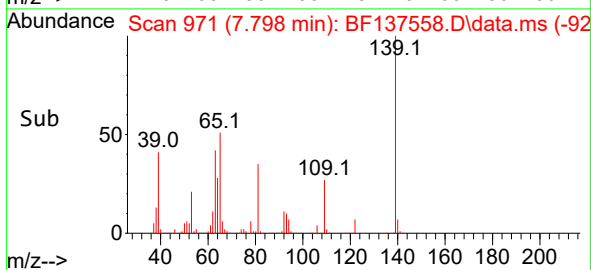
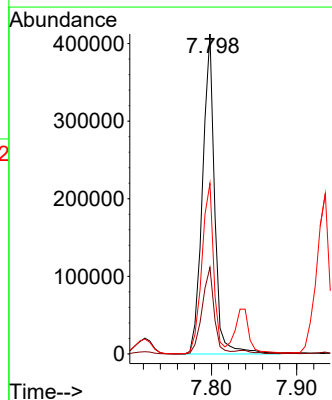
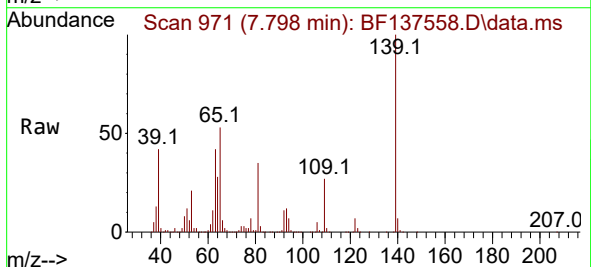
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

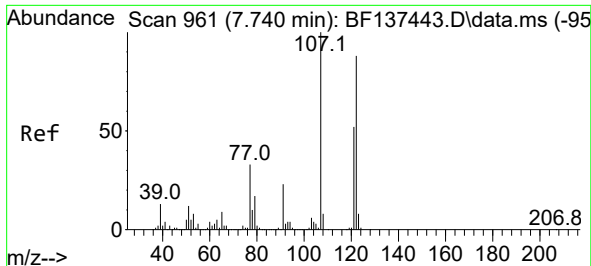
Tgt Ion: 82 Resp: 1727225  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 15.4 11.8 17.8



#26  
2-Nitrophenol  
Concen: 51.030 ng  
RT: 7.798 min Scan# 971  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:139 Resp: 411262  
Ion Ratio Lower Upper  
139 100  
109 27.0 22.2 33.4  
65 53.3 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 39.696 ng

RT: 7.839 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

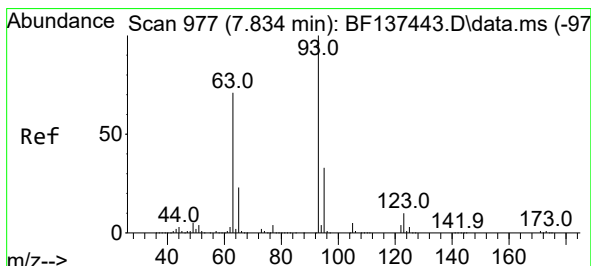
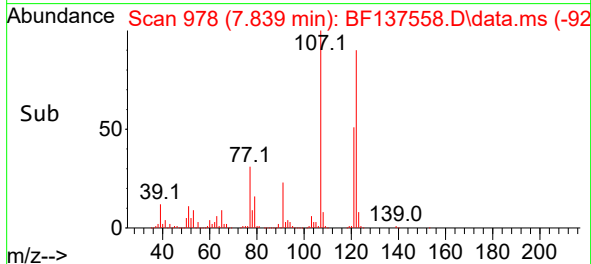
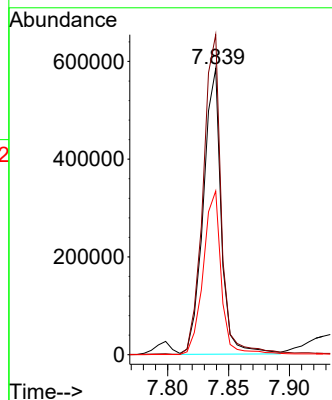
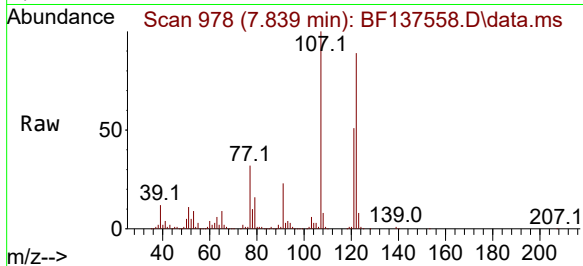
Tgt Ion:122 Resp: 597772

Ion Ratio Lower Upper

122 100

107 111.9 90.9 136.3

121 57.2 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.623 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

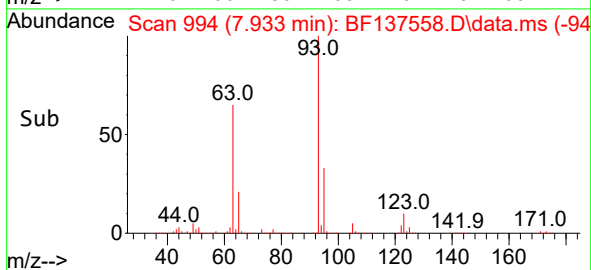
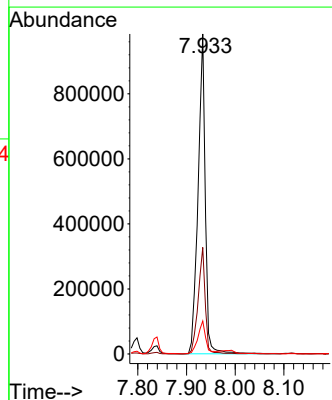
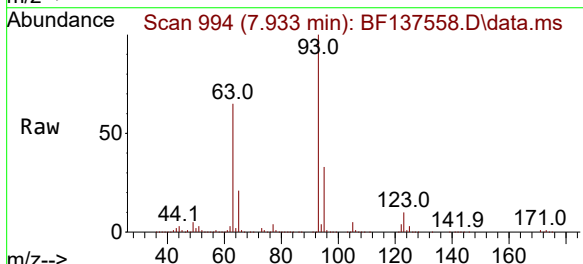
Tgt Ion: 93 Resp: 1027655

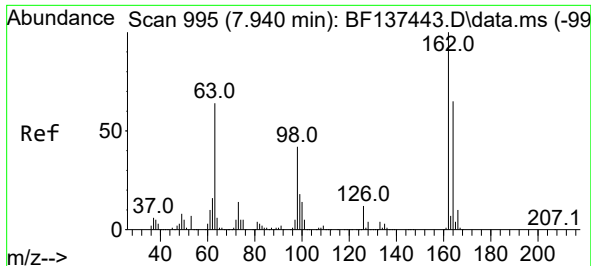
Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

123 10.3 8.0 12.0

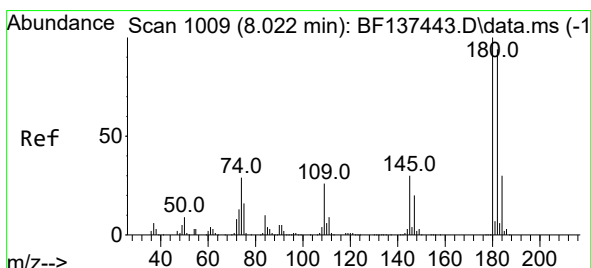
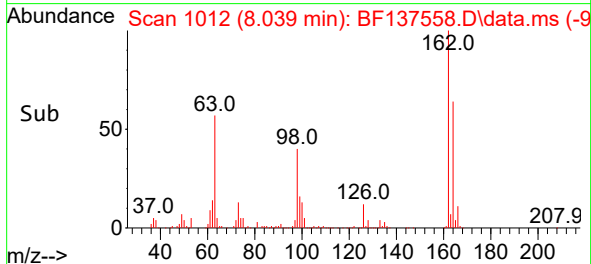
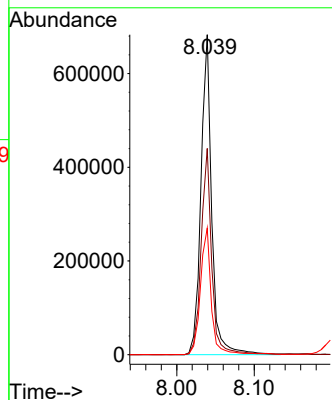
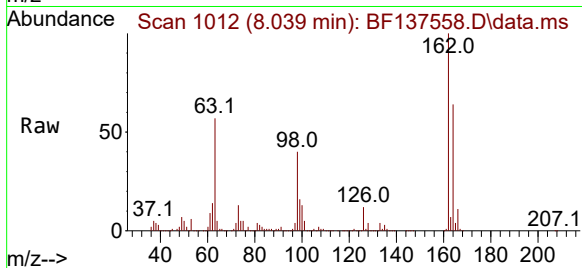




#29  
2,4-Dichlorophenol  
Concen: 47.621 ng  
RT: 8.039 min Scan# 1012  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

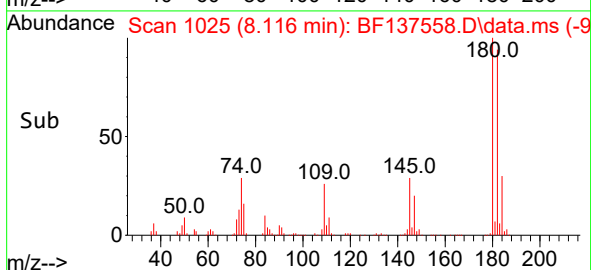
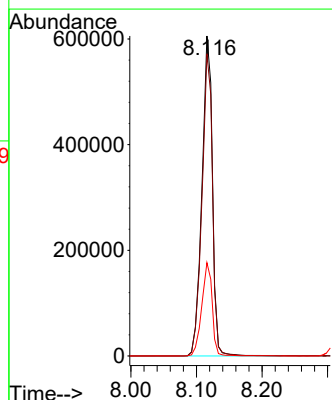
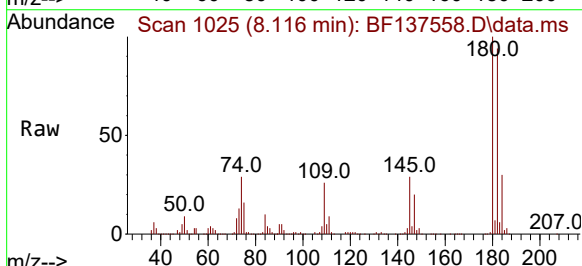
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

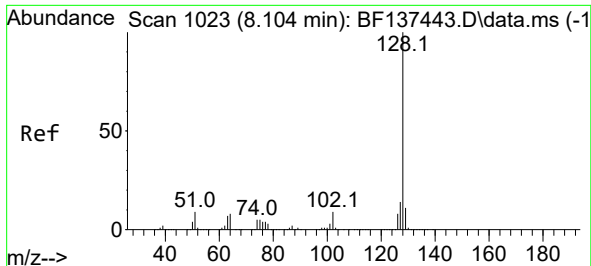
Tgt Ion:162 Resp: 658148  
Ion Ratio Lower Upper  
162 100  
164 64.5 44.7 84.7  
98 39.6 22.0 62.0



#30  
1,2,4-Trichlorobenzene  
Concen: 46.491 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:180 Resp: 676161  
Ion Ratio Lower Upper  
180 100  
182 94.4 75.0 112.6  
145 29.2 23.7 35.5

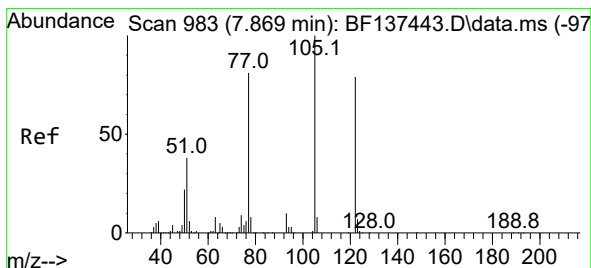
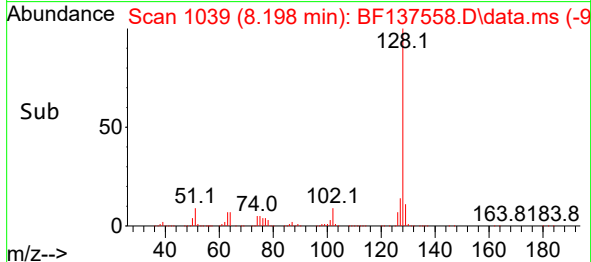
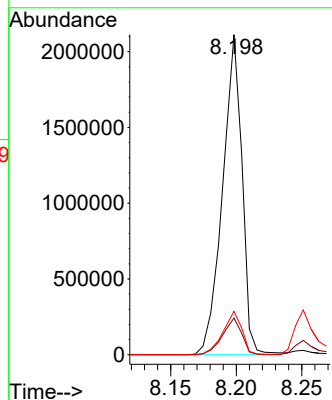
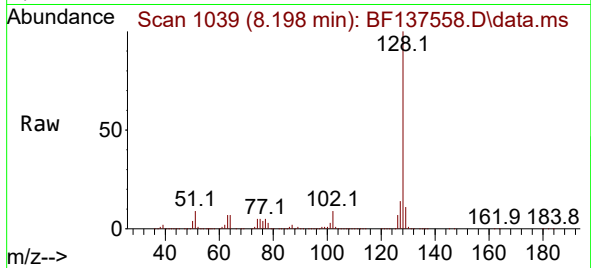




#31  
Naphthalene  
Concen: 43.197 ng  
RT: 8.198 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

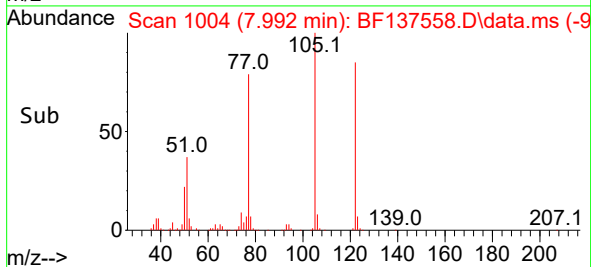
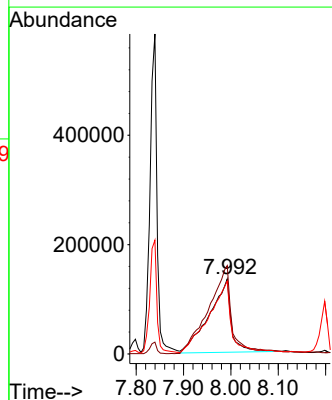
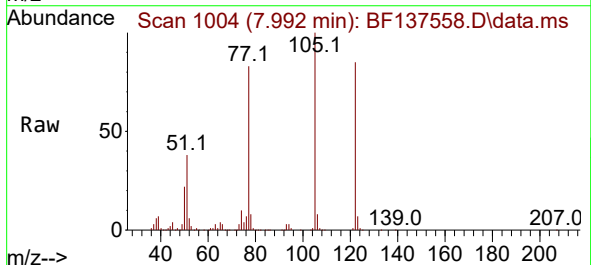
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

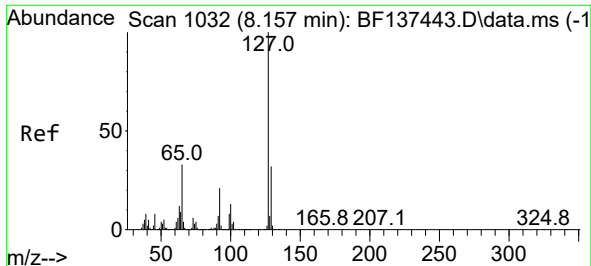
Tgt Ion:128 Resp: 2176112  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.2 13.8  
127 13.6 10.8 16.2



#32  
Benzoic acid  
Concen: 49.902 ng  
RT: 7.992 min Scan# 1004  
Delta R.T. 0.012 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:122 Resp: 435242  
Ion Ratio Lower Upper  
122 100  
105 117.6 102.4 142.4  
77 97.1 81.1 121.1

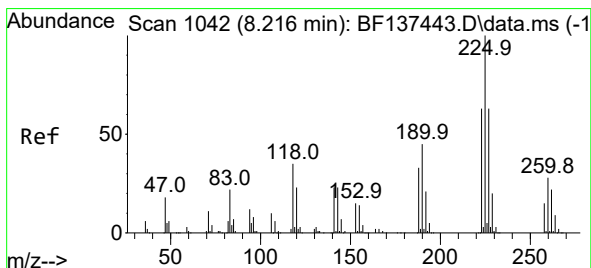
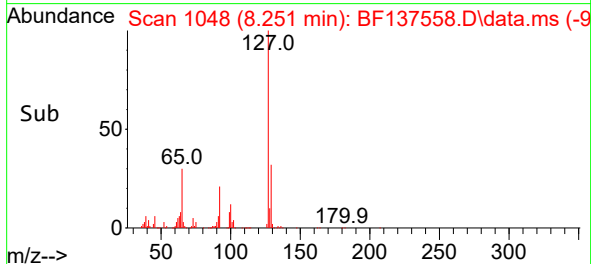
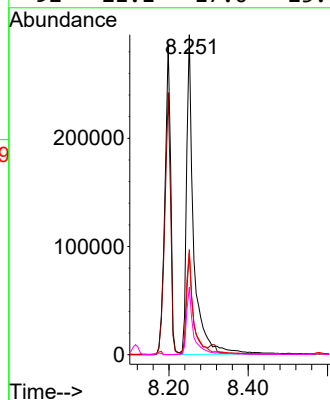
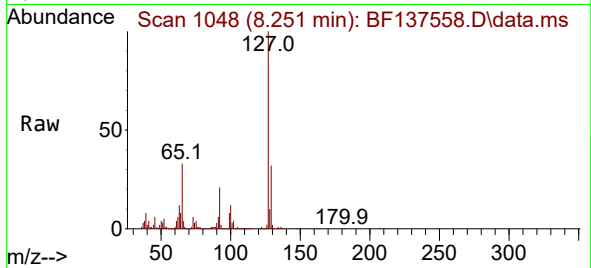




#33  
4-Chloroaniline  
Concen: 18.947 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

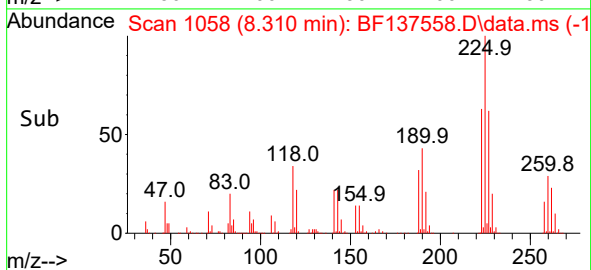
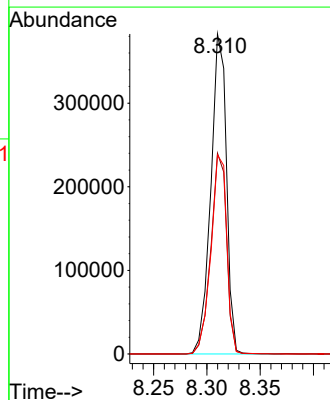
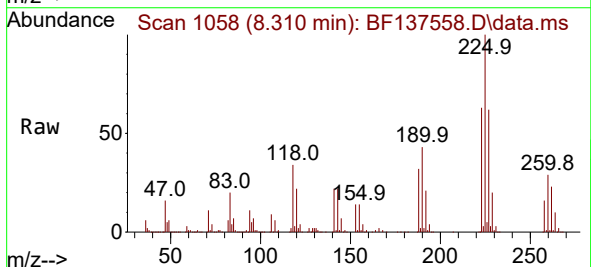
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

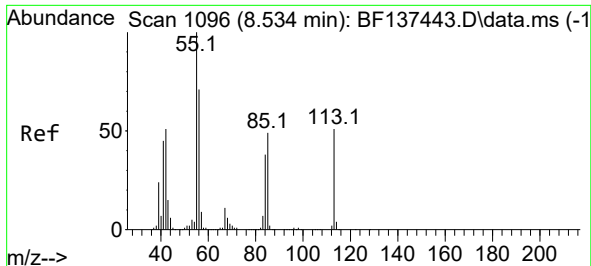
Tgt Ion:127 Resp: 374280  
Ion Ratio Lower Upper  
127 100  
129 31.8 26.0 39.0  
65 32.9 26.8 40.2  
92 21.1 17.0 25.6



#34  
Hexachlorobutadiene  
Concen: 45.510 ng  
RT: 8.310 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

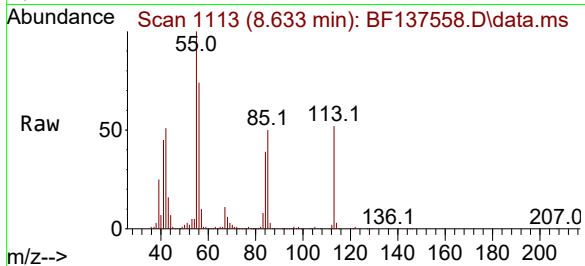
Tgt Ion:225 Resp: 390767  
Ion Ratio Lower Upper  
225 100  
223 62.8 50.7 76.1  
227 62.2 50.6 75.8



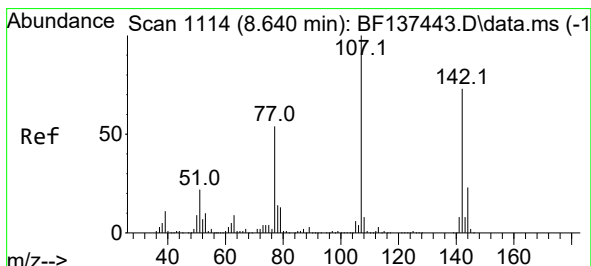
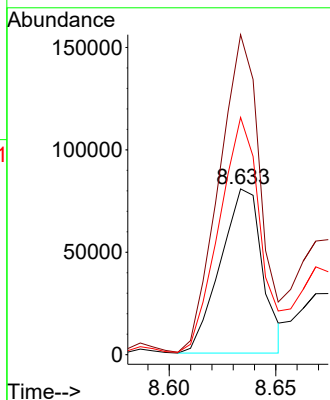
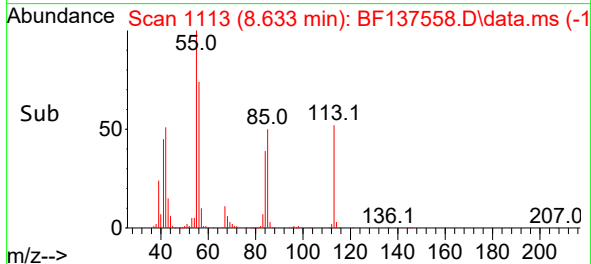


#35  
 Caprolactam  
 Concen: 23.605 ng  
 RT: 8.633 min Scan# 1113  
 Delta R.T. -0.006 min  
 Lab File: BF137558.D  
 Acq: 11 Mar 2024 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159533BS

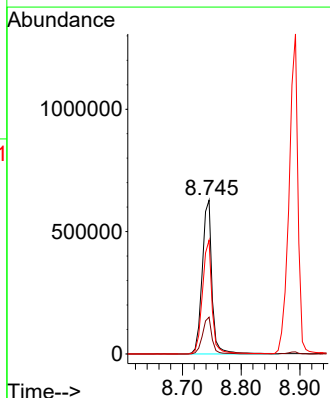
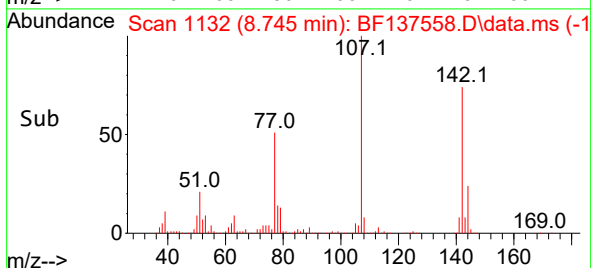
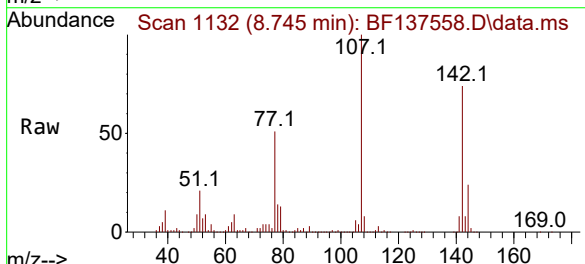


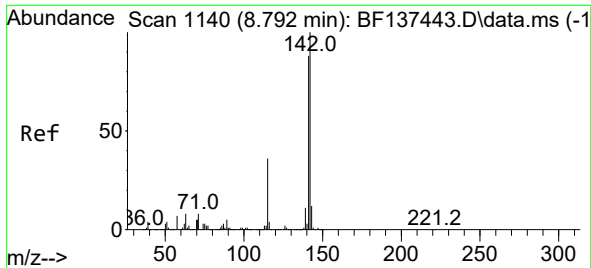
Tgt Ion:113 Resp: 110622  
 Ion Ratio Lower Upper  
 113 100  
 55 192.9 176.7 216.7  
 56 143.1 120.6 160.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.737 ng  
 RT: 8.745 min Scan# 1132  
 Delta R.T. 0.006 min  
 Lab File: BF137558.D  
 Acq: 11 Mar 2024 16:13

Tgt Ion:107 Resp: 722020  
 Ion Ratio Lower Upper  
 107 100  
 144 24.0 18.7 28.1  
 142 74.0 58.2 87.2

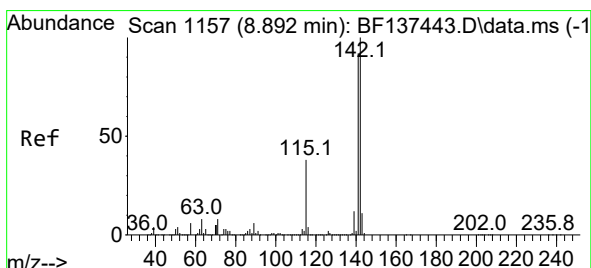
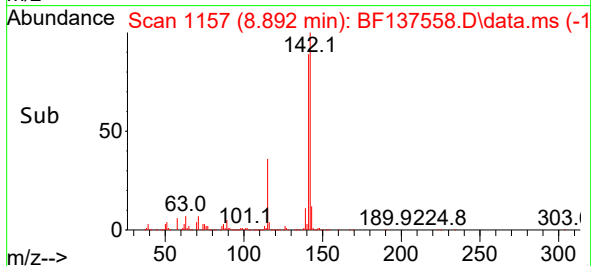
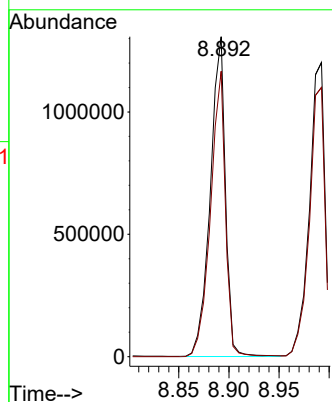
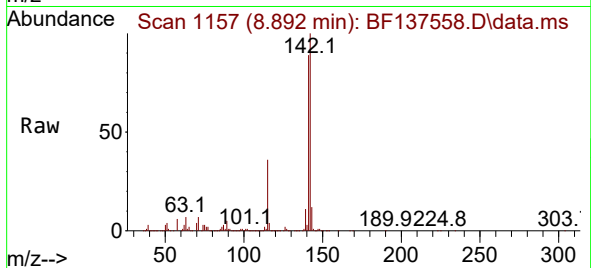




#37  
2-Methylnaphthalene  
Concen: 42.845 ng  
RT: 8.892 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

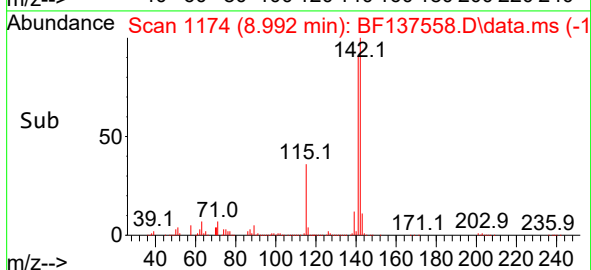
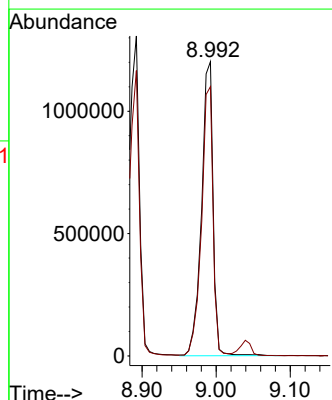
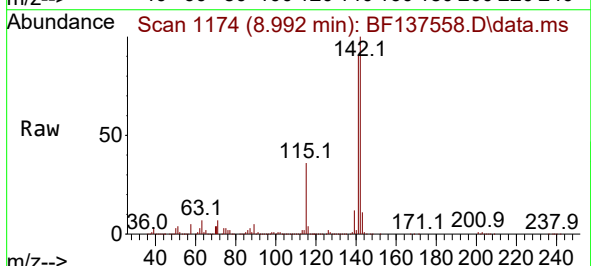
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

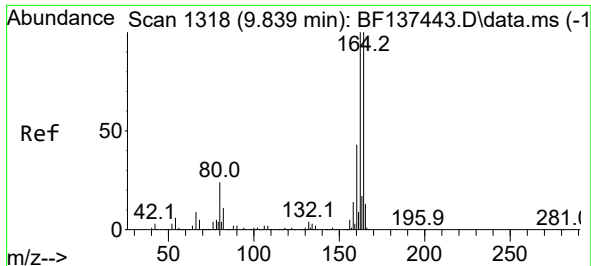
Tgt Ion:142 Resp: 1375949  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 43.285 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:142 Resp: 1309088  
Ion Ratio Lower Upper  
142 100  
141 91.5 73.4 110.2

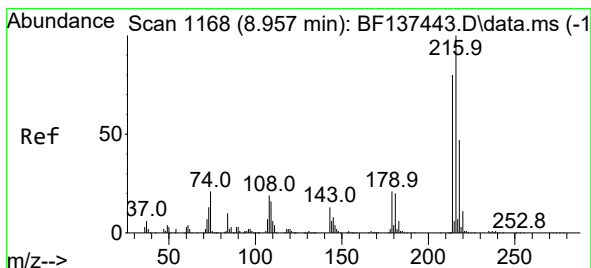
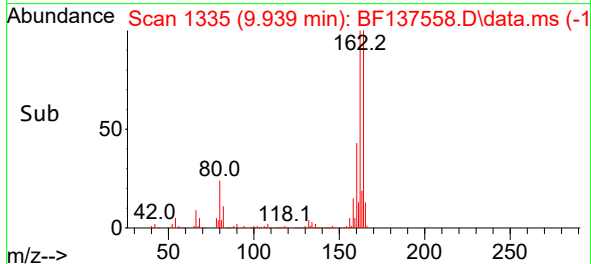
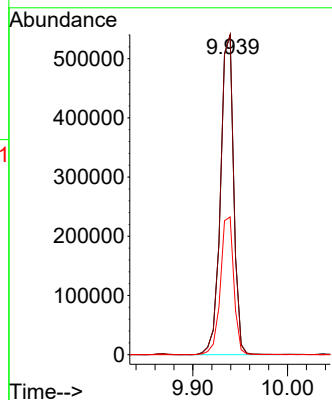
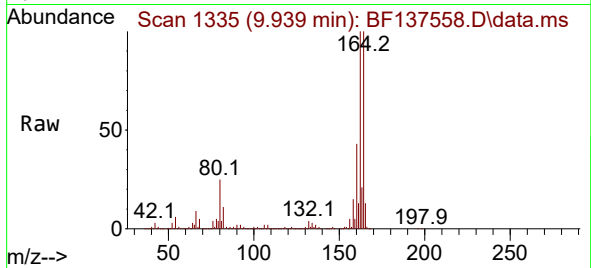




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1185  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

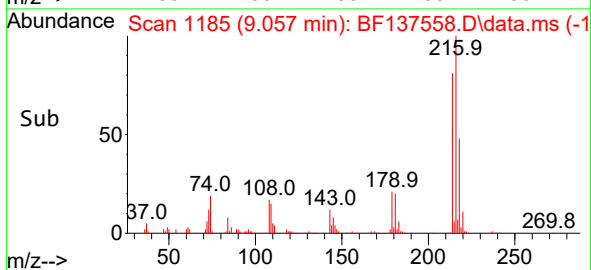
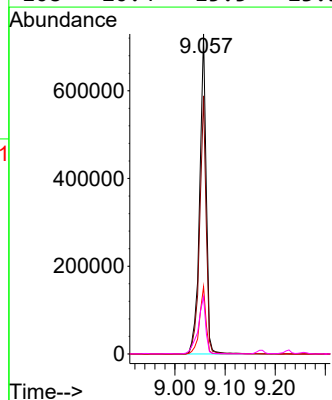
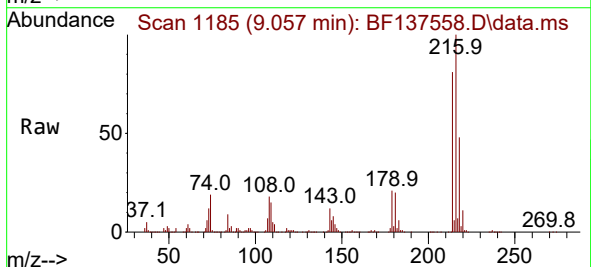
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

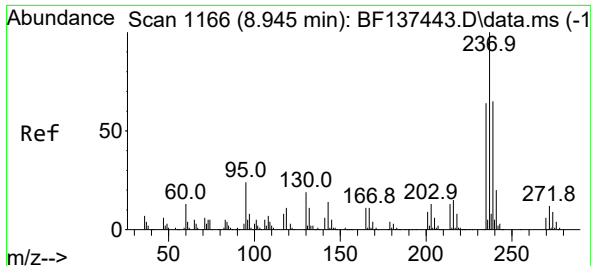
Tgt Ion:164 Resp: 522788  
Ion Ratio Lower Upper  
164 100  
162 100.1 79.8 119.8  
160 43.1 34.4 51.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.555 ng  
RT: 9.057 min Scan# 1185  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

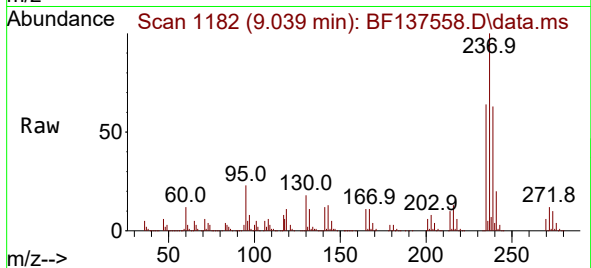
Tgt Ion:216 Resp: 664872  
Ion Ratio Lower Upper  
216 100  
214 80.0 63.5 95.3  
179 20.4 16.6 25.0  
108 20.4 15.5 23.3



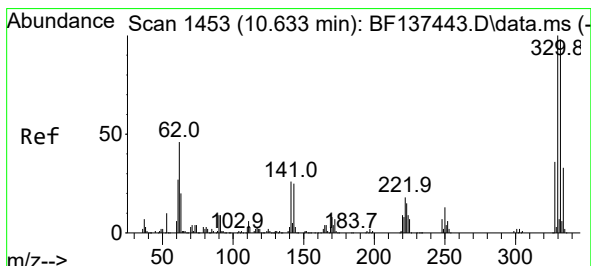
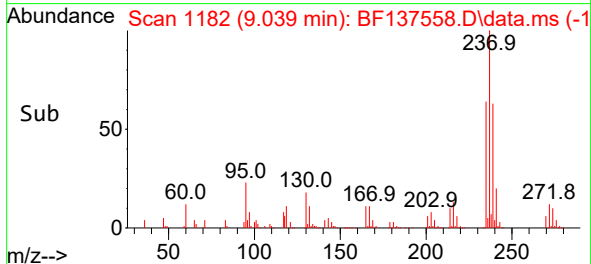
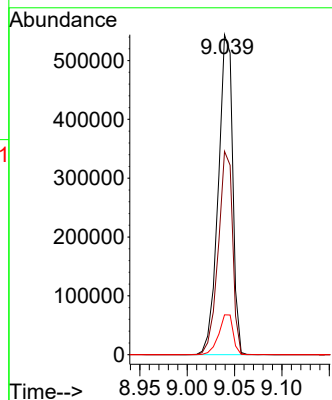


#41  
Hexachlorocyclopentadiene  
Concen: 94.796 ng  
RT: 9.039 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

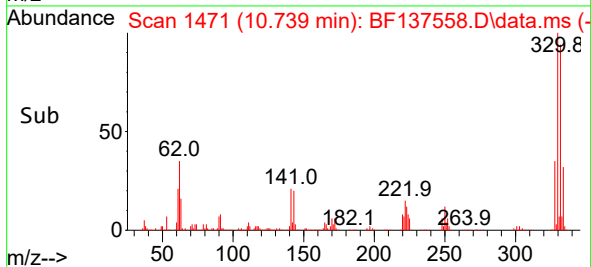
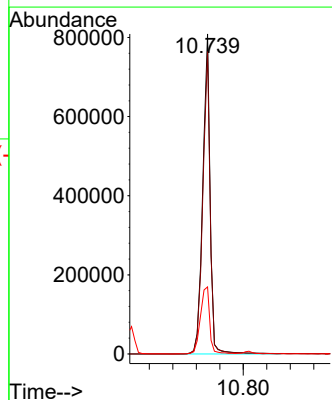
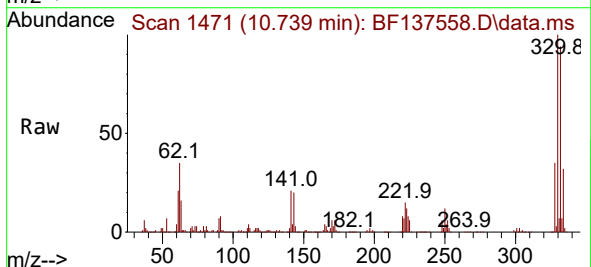


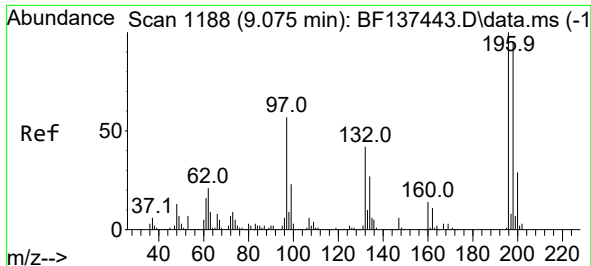
Tgt Ion:237 Resp: 574738  
Ion Ratio Lower Upper  
237 100  
235 63.6 43.6 83.6  
272 12.5 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 152.213 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:330 Resp: 698807  
Ion Ratio Lower Upper  
330 100  
332 95.0 78.0 117.0  
141 26.6 27.3 40.9#

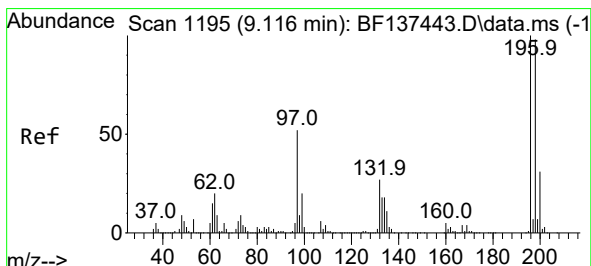
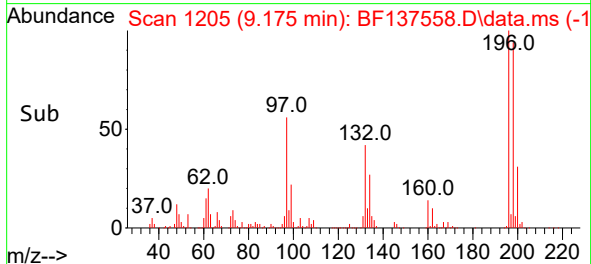
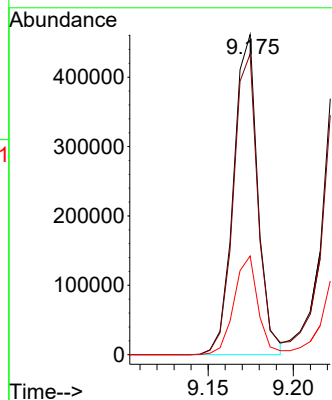
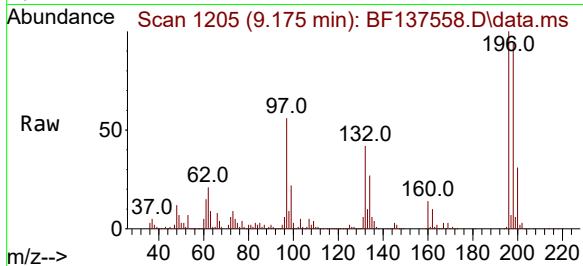




#43  
2,4,6-Trichlorophenol  
Concen: 48.138 ng  
RT: 9.175 min Scan# 1188  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

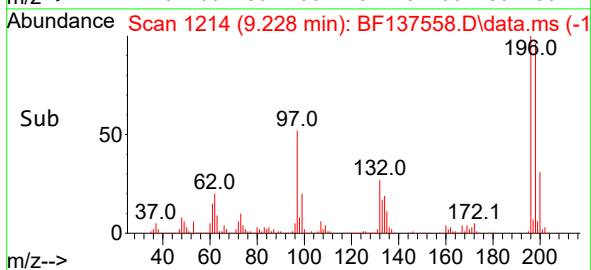
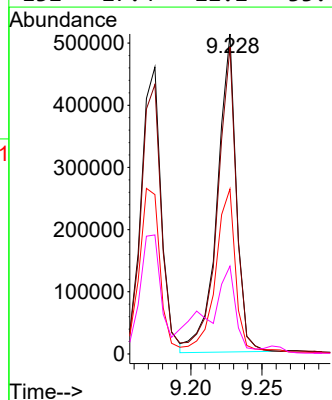
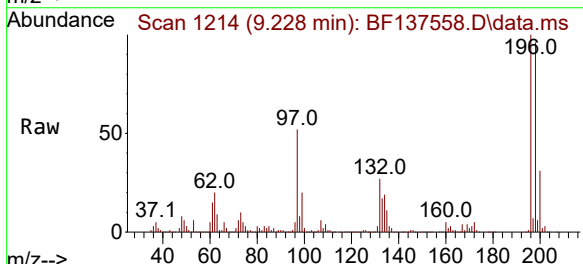
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

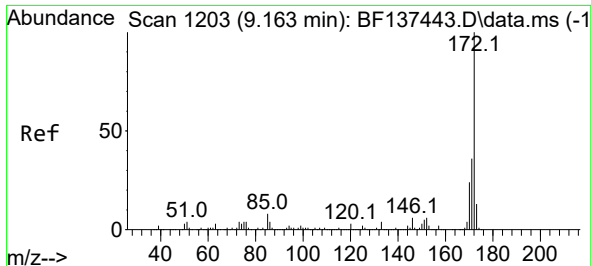
Tgt Ion:196 Resp: 457515  
Ion Ratio Lower Upper  
196 100  
198 94.0 75.8 113.8  
200 30.9 23.5 35.3



#44  
2,4,5-Trichlorophenol  
Concen: 43.504 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. 0.018 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:196 Resp: 476302  
Ion Ratio Lower Upper  
196 100  
198 95.9 78.6 117.8  
97 51.5 41.8 62.8  
132 27.4 22.2 33.4

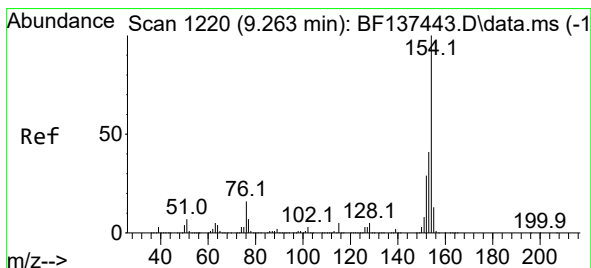
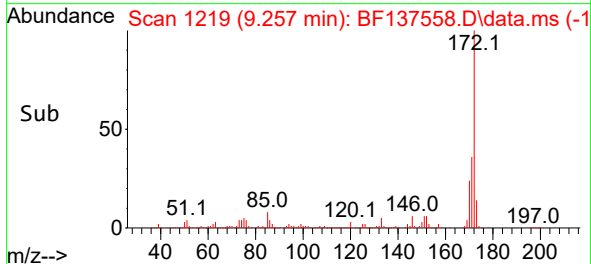
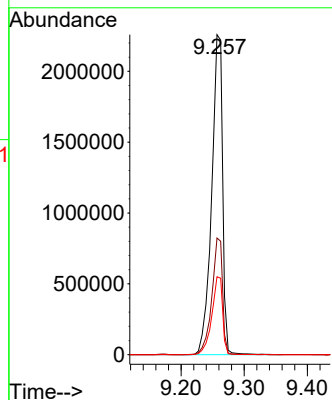
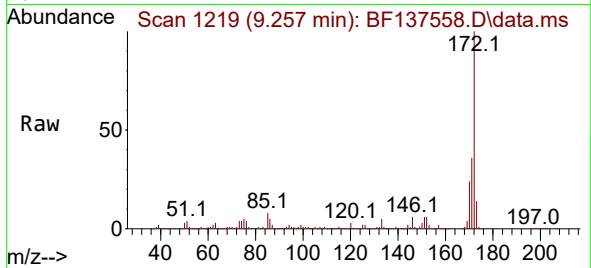




#45  
2-Fluorobiphenyl  
Concen: 81.417 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

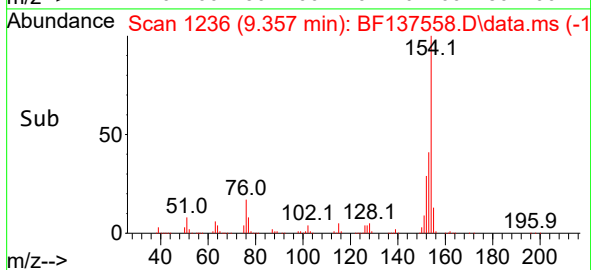
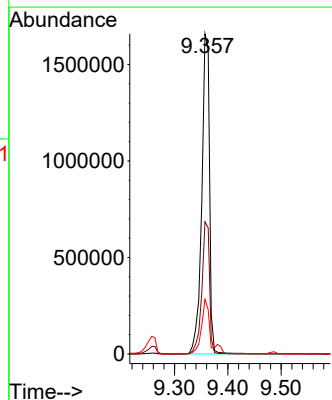
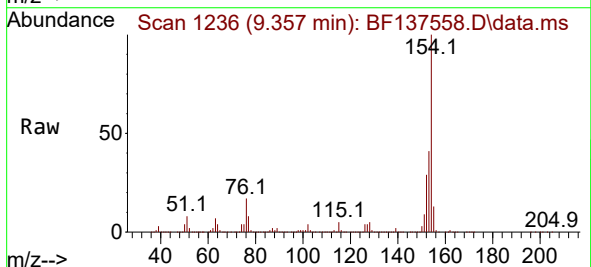
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

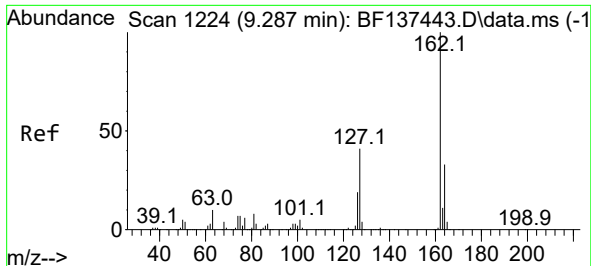
Tgt Ion:172 Resp: 2719122  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.5 42.7  
170 24.3 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 43.803 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:154 Resp: 1676038  
Ion Ratio Lower Upper  
154 100  
153 41.3 21.0 61.0  
76 17.1 0.0 35.8





#47

2-Chloronaphthalene

Concen: 46.226 ng

RT: 9.380 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

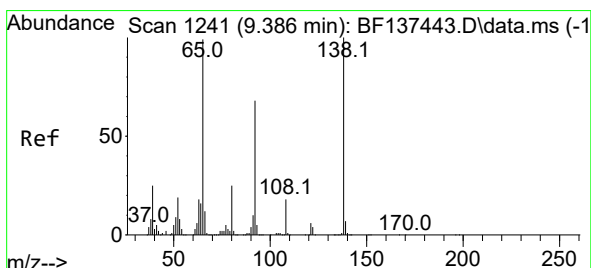
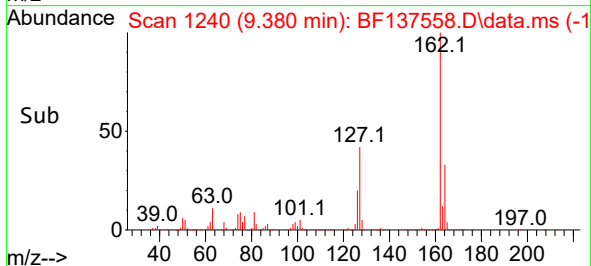
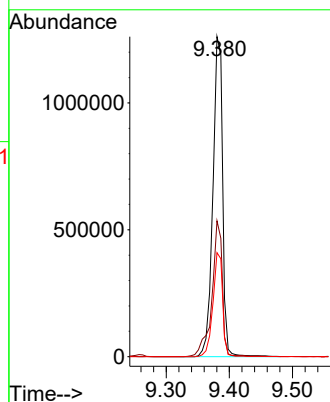
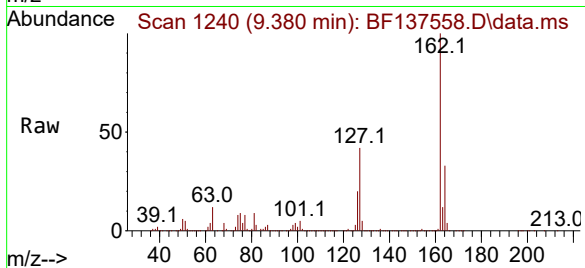
Tgt Ion:162 Resp: 1348528

Ion Ratio Lower Upper

162 100

127 42.5 32.6 49.0

164 32.5 26.5 39.7



#48

2-Nitroaniline

Concen: 49.180 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

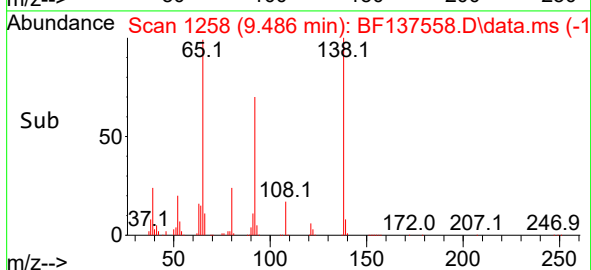
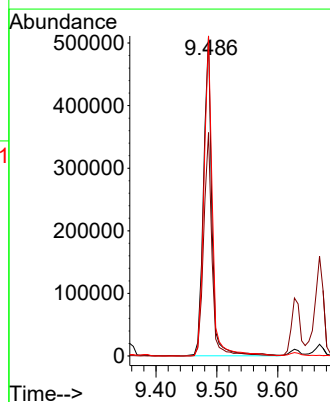
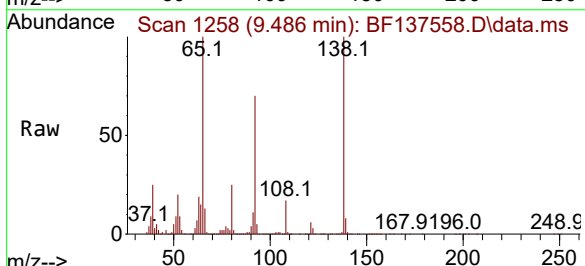
Tgt Ion: 65 Resp: 487651

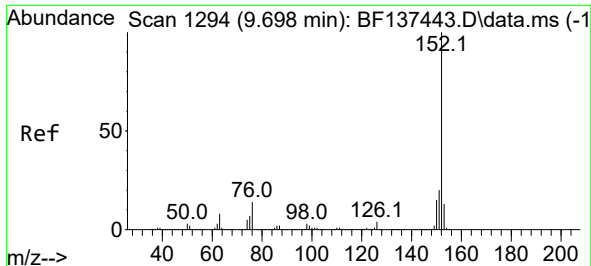
Ion Ratio Lower Upper

65 100

92 69.8 55.4 83.2

138 100.0 81.0 121.6





#49

Acenaphthylene

Concen: 44.960 ng

RT: 9.798 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

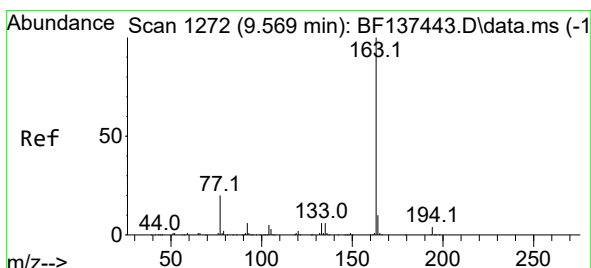
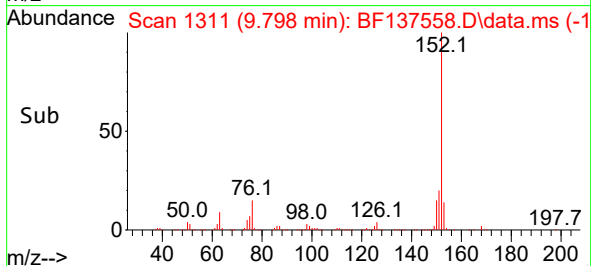
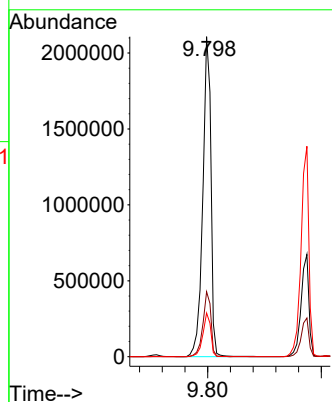
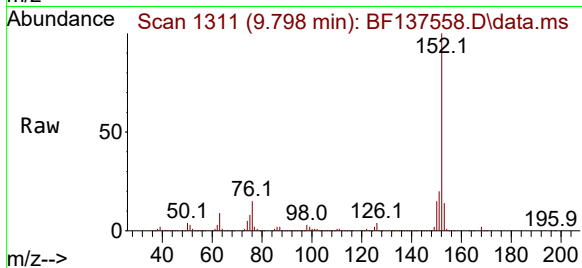
Tgt Ion:152 Resp: 2099007

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.6 10.8 16.2



#50

Dimethylphthalate

Concen: 45.816 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

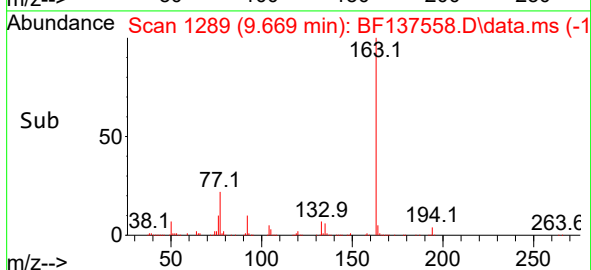
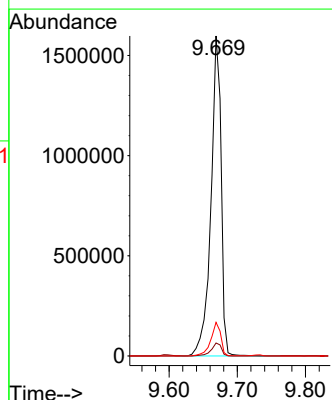
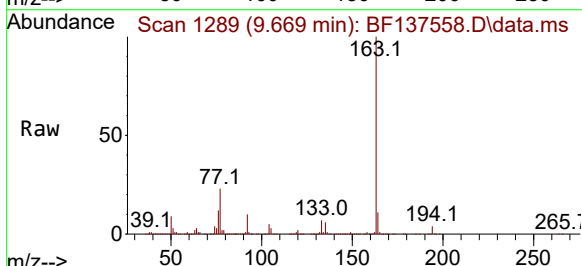
Tgt Ion:163 Resp: 1667343

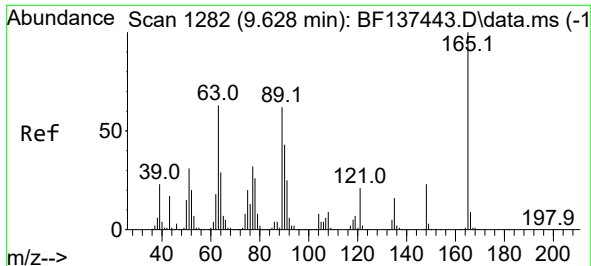
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.1 12.1

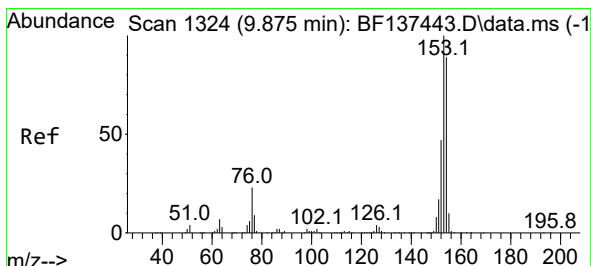
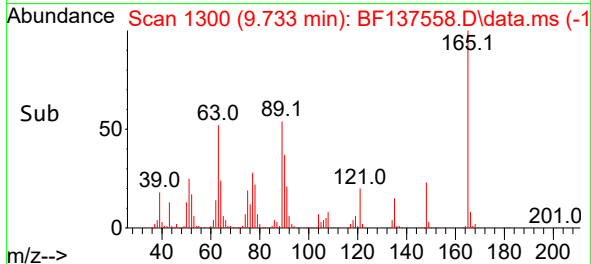
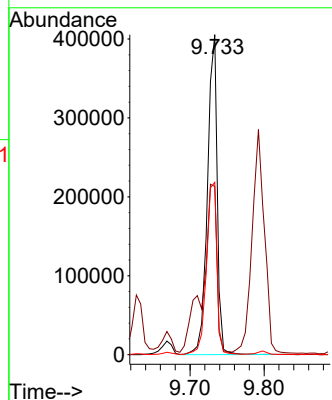
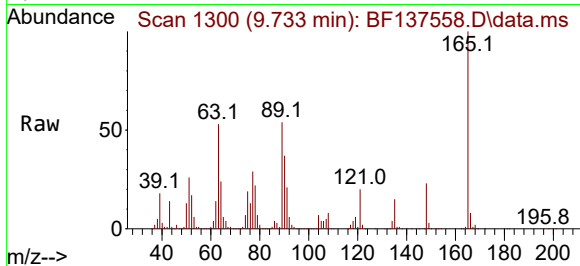




#51  
2,6-Dinitrotoluene  
Concen: 48.837 ng  
RT: 9.733 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

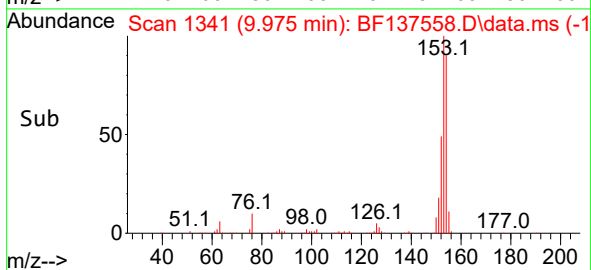
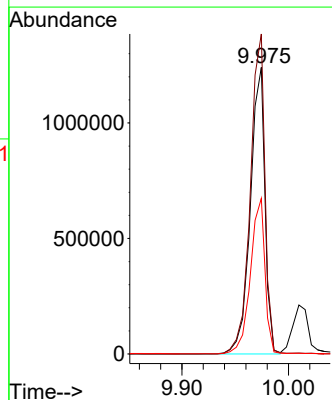
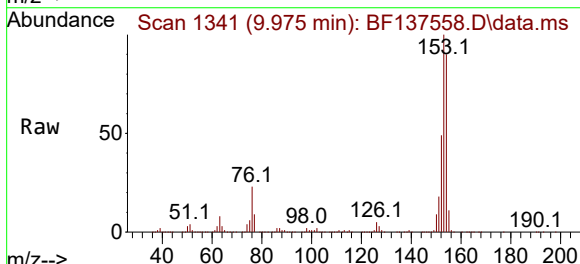
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

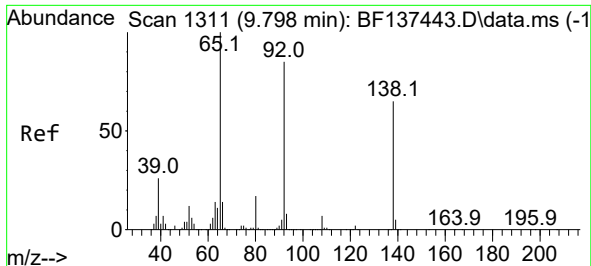
Tgt Ion:165 Resp: 371737  
Ion Ratio Lower Upper  
165 100  
63 52.6 50.7 76.1  
89 53.9 50.0 75.0



#52  
Acenaphthene  
Concen: 42.517 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:154 Resp: 1185031  
Ion Ratio Lower Upper  
154 100  
153 111.7 90.3 135.5  
152 54.3 42.7 64.1

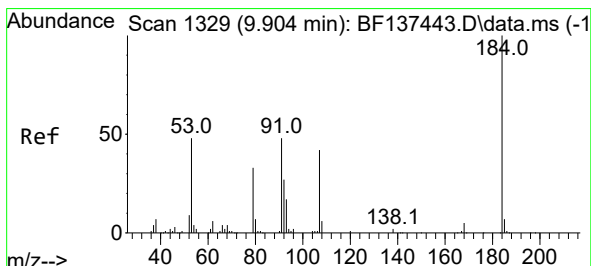
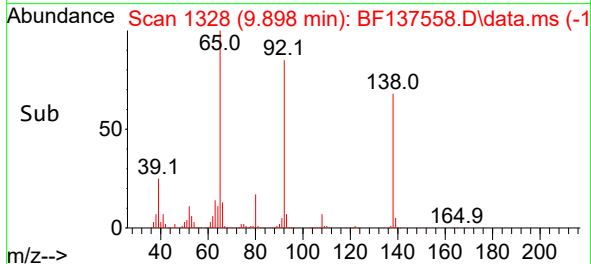
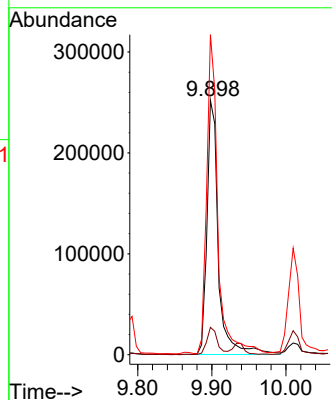
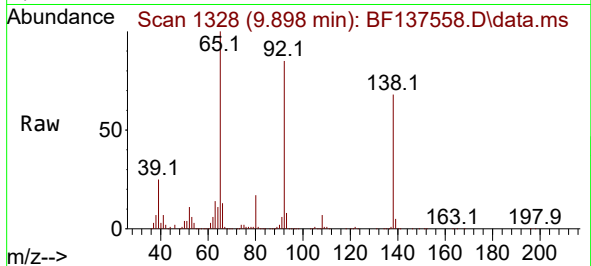




#53  
3-Nitroaniline  
Concen: 33.374 ng  
RT: 9.898 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

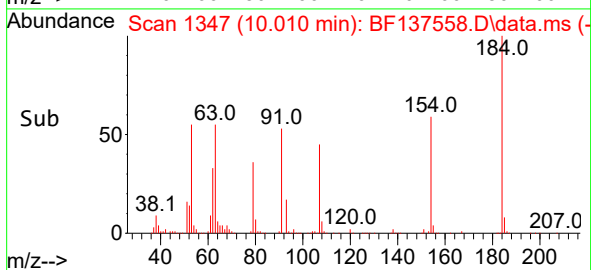
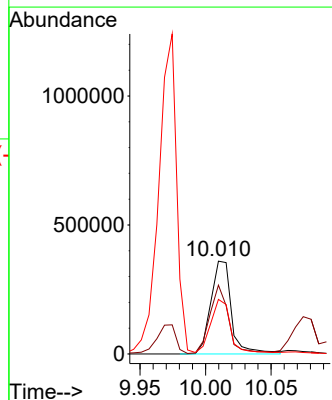
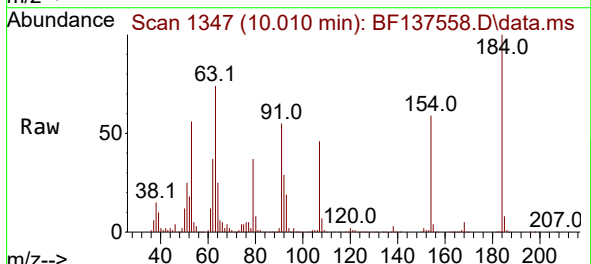
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

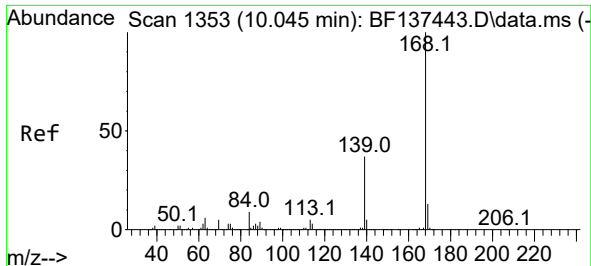
Tgt Ion:138 Resp: 268700  
Ion Ratio Lower Upper  
138 100  
108 10.7 9.1 13.7  
92 125.9 104.6 157.0



#54  
2,4-Dinitrophenol  
Concen: 103.819 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:184 Resp: 395575  
Ion Ratio Lower Upper  
184 100  
63 74.1 53.3 79.9  
154 58.9 47.4 71.0

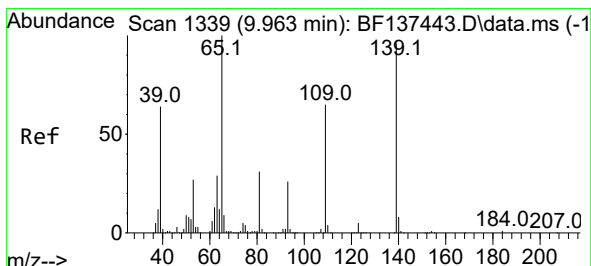
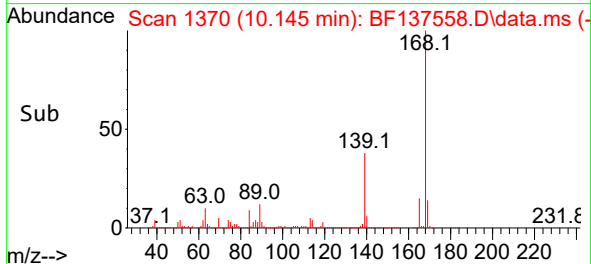
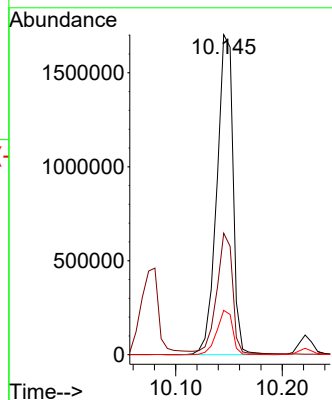
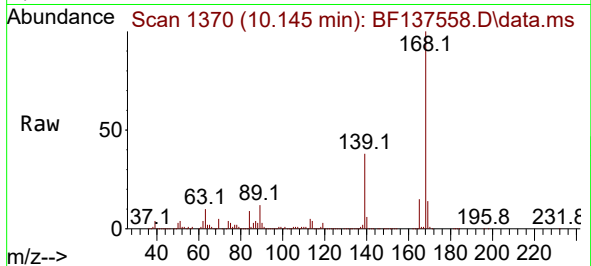




#55  
Dibenzenofuran  
Concen: 42.351 ng  
RT: 10.145 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

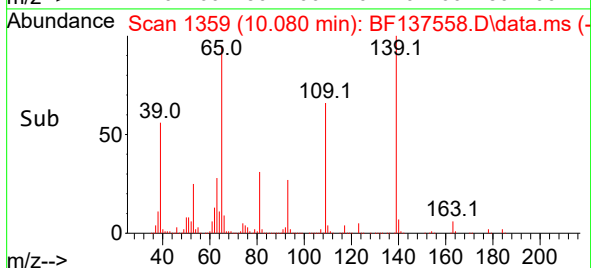
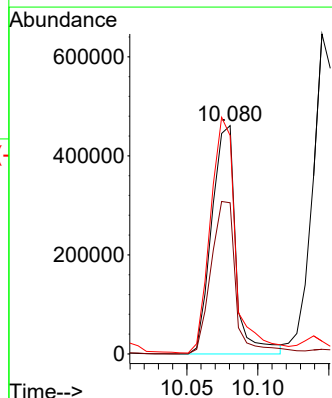
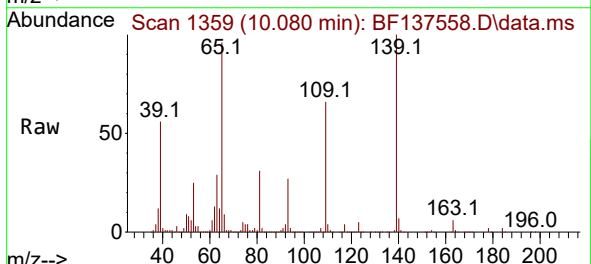
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BNA\_F  
ClientSampleId :  
PB159533BS

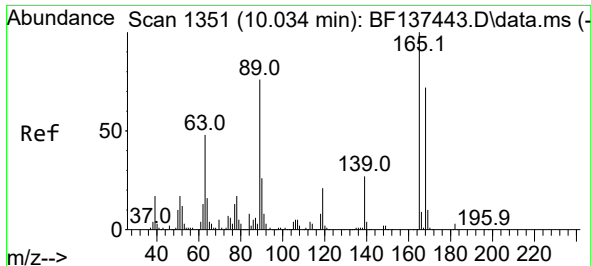
Tgt Ion:168 Resp: 1797880  
Ion Ratio Lower Upper  
168 100  
139 37.9 29.8 44.6  
169 13.9 10.8 16.2



#56  
4-Nitrophenol  
Concen: 94.106 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. 0.018 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:139 Resp: 543894  
Ion Ratio Lower Upper  
139 100  
109 66.2 47.1 87.1  
65 95.7 85.1 125.1

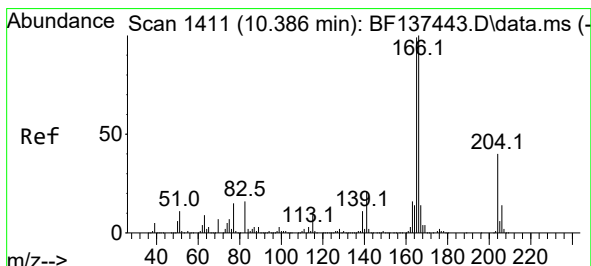
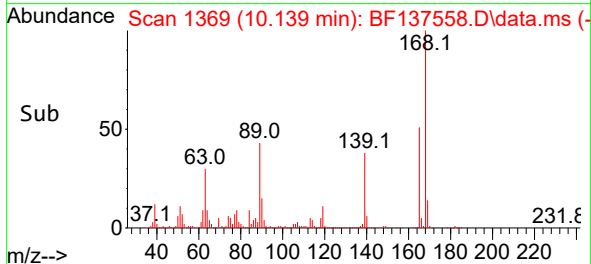
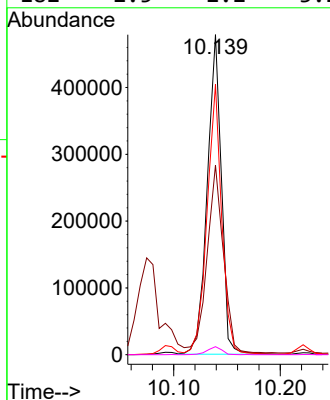
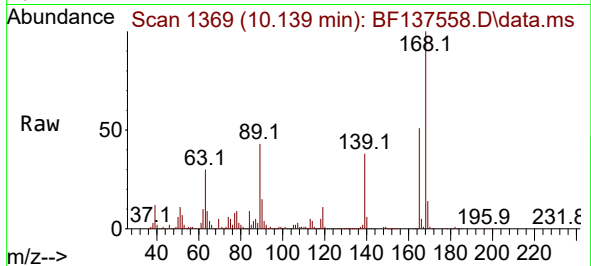




#57  
2,4-Dinitrotoluene  
Concen: 47.133 ng  
RT: 10.139 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

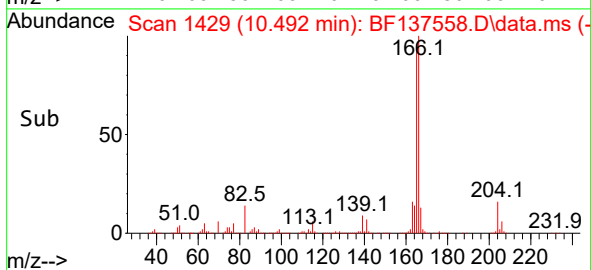
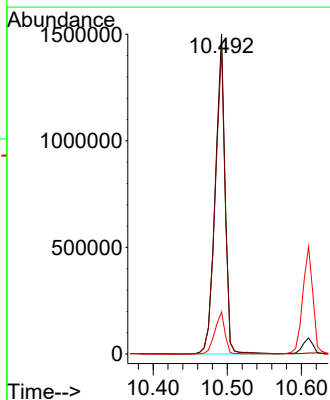
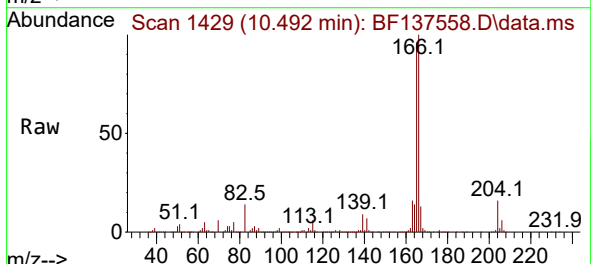
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

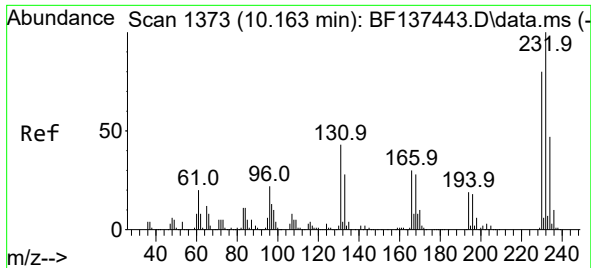
Tgt Ion:165 Resp: 440771  
Ion Ratio Lower Upper  
165 100  
63 59.3 39.0 58.6#  
89 84.5 60.9 91.3  
182 2.5 2.2 3.2



#58  
Fluorene  
Concen: 42.116 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:166 Resp: 1373076  
Ion Ratio Lower Upper  
166 100  
165 95.8 79.2 118.8  
167 13.1 11.0 16.6

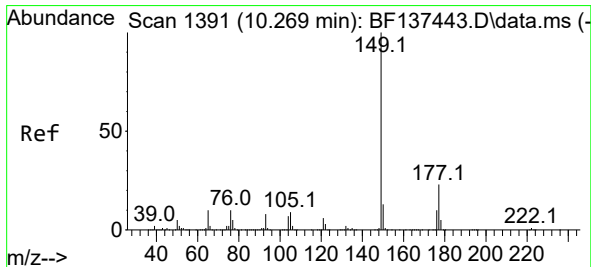
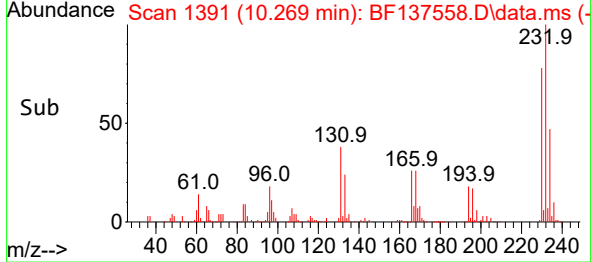
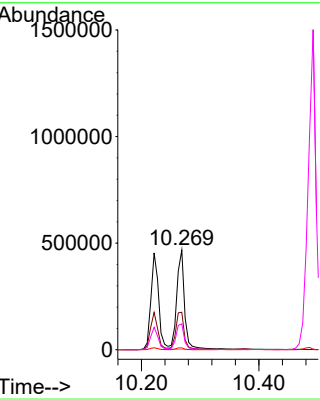
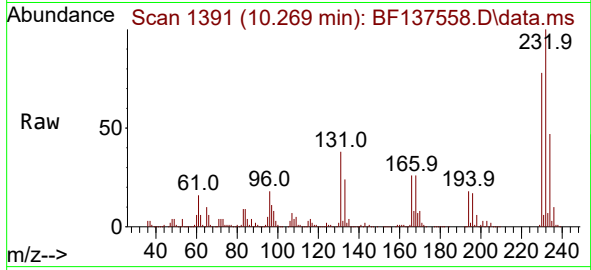




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.088 ng  
RT: 10.269 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

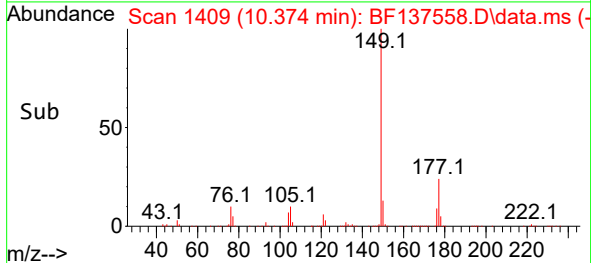
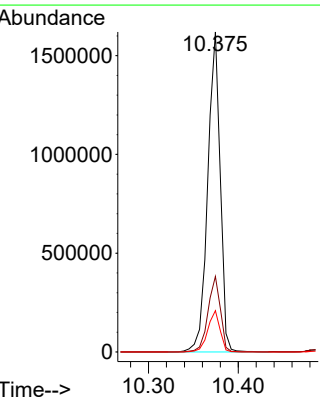
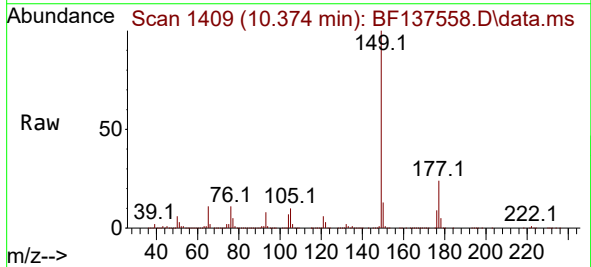
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

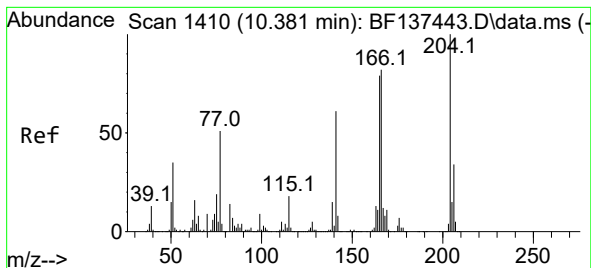
Tgt Ion:232 Resp: 430977  
Ion Ratio Lower Upper  
232 100  
131 41.5 31.2 46.8  
130 2.0 1.8 2.6  
166 27.5 19.1 28.7



#60  
Diethylphthalate  
Concen: 45.426 ng  
RT: 10.374 min Scan# 1409  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:149 Resp: 1561100  
Ion Ratio Lower Upper  
149 100  
177 23.6 18.7 28.1  
150 12.9 10.2 15.4

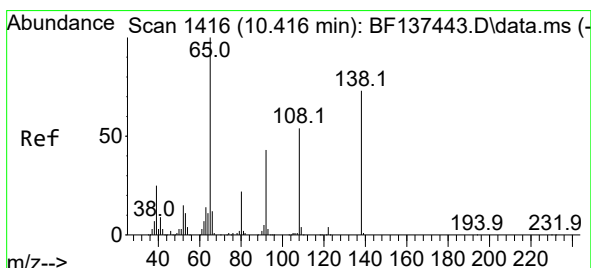
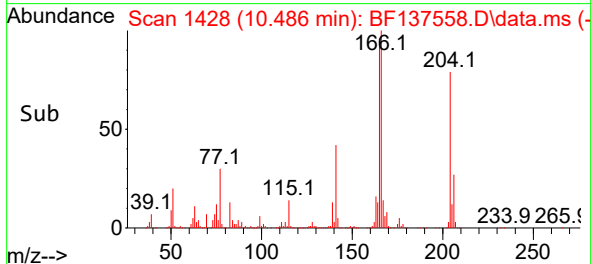
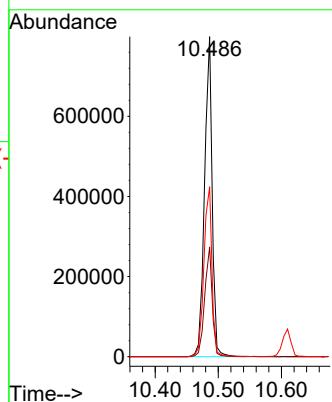
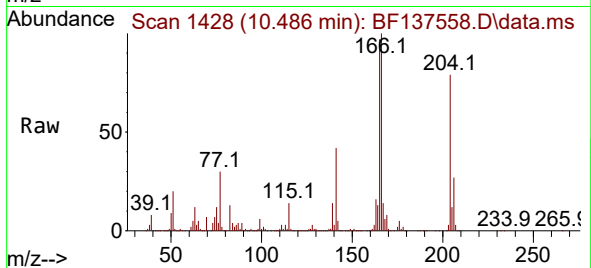




#61  
4-Chlorophenyl-phenylether  
Concen: 41.975 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

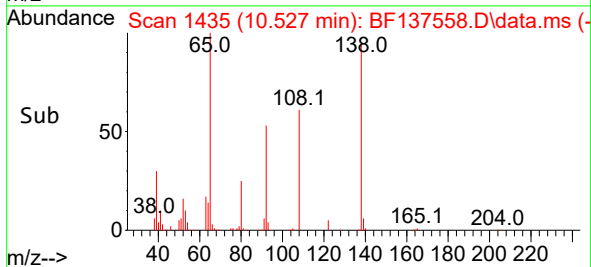
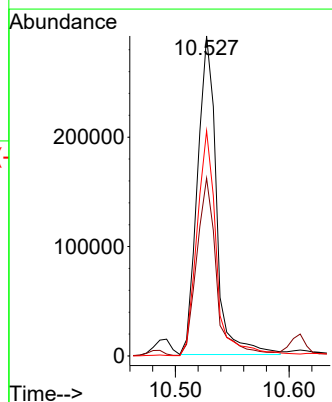
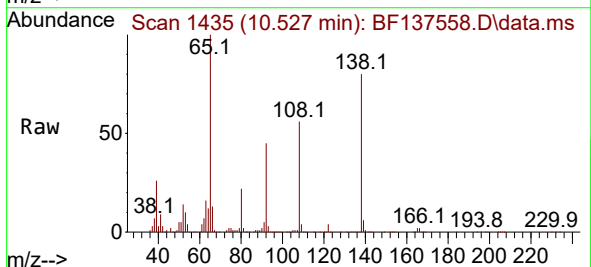
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

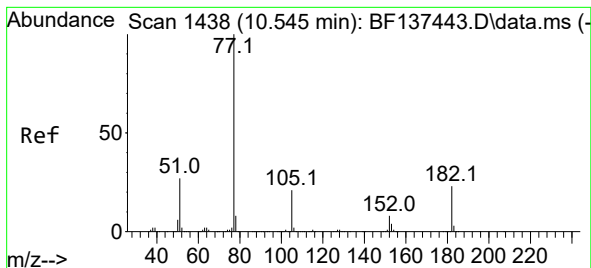
Tgt Ion:204 Resp: 670671  
Ion Ratio Lower Upper  
204 100  
206 34.3 27.4 41.0  
141 53.1 48.4 72.6



#62  
4-Nitroaniline  
Concen: 48.982 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:138 Resp: 338953  
Ion Ratio Lower Upper  
138 100  
92 55.5 37.9 77.9  
108 70.3 53.2 93.2





#63

Azobenzene

Concen: 43.827 ng

RT: 10.645 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

Tgt Ion: 77 Resp: 1734339

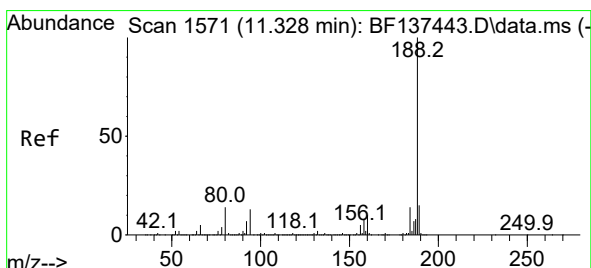
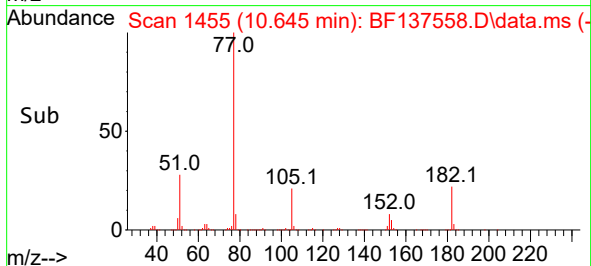
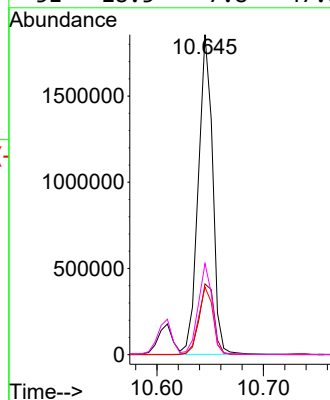
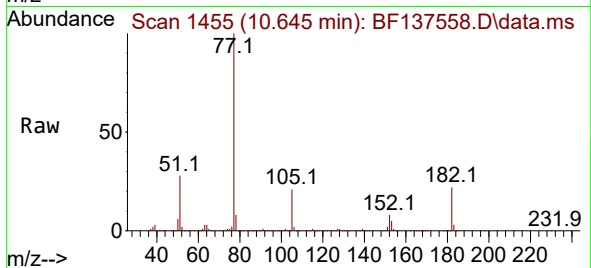
Ion Ratio Lower Upper

77 100

182 22.1 3.2 43.2

105 21.1 1.2 41.2

51 28.5 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

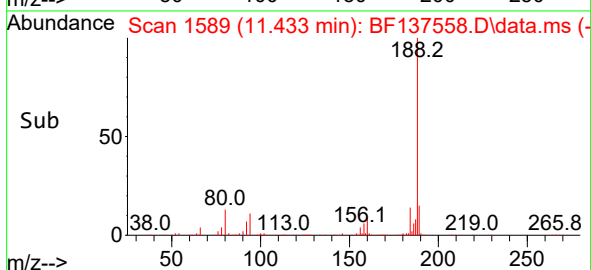
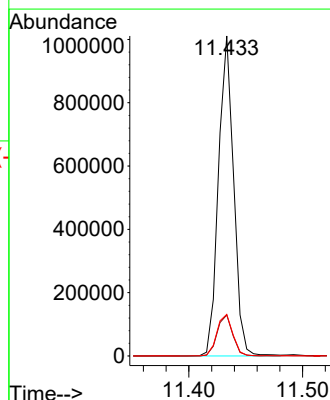
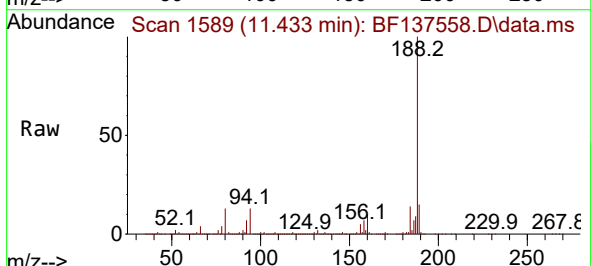
Tgt Ion:188 Resp: 941249

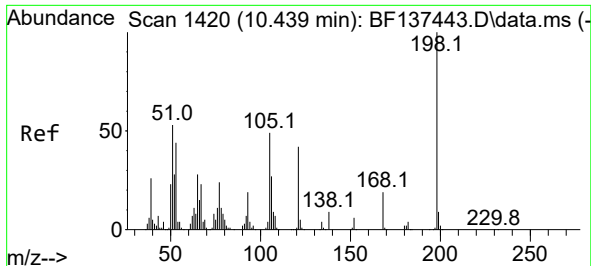
Ion Ratio Lower Upper

188 100

94 12.8 10.6 15.8

80 13.0 11.5 17.3

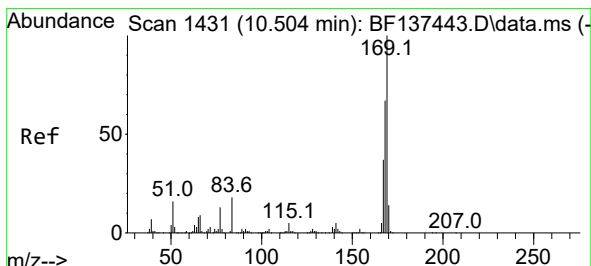
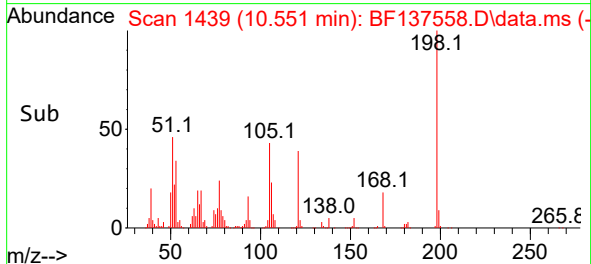
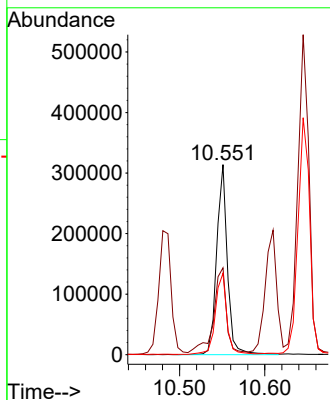
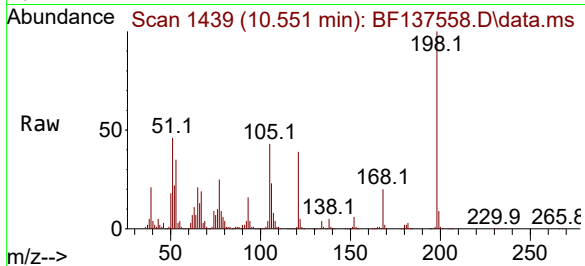




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.332 ng  
RT: 10.551 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

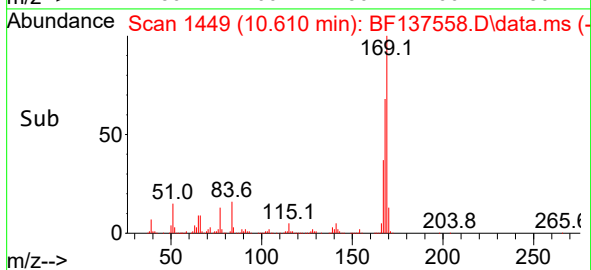
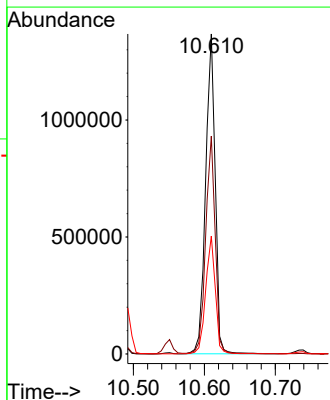
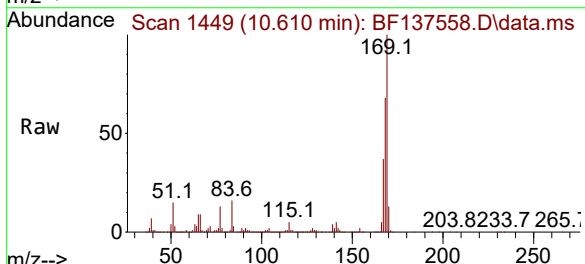
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

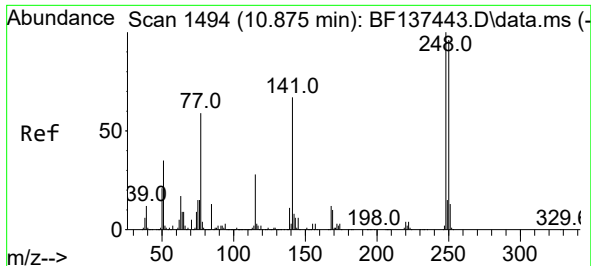
Tgt Ion:198 Resp: 274533  
Ion Ratio Lower Upper  
198 100  
51 45.7 37.2 77.2  
105 42.9 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 42.408 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:169 Resp: 1285361  
Ion Ratio Lower Upper  
169 100  
168 68.1 53.8 80.6  
167 36.8 29.6 44.4

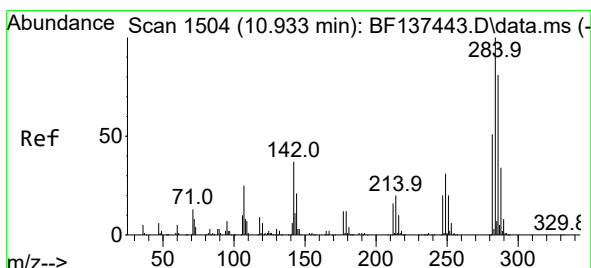
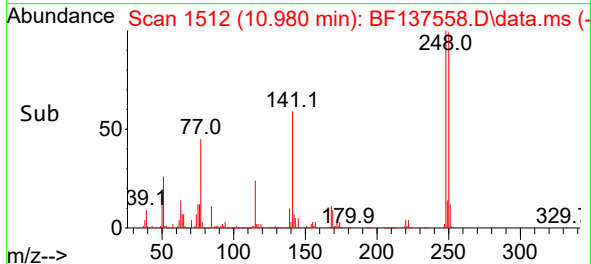
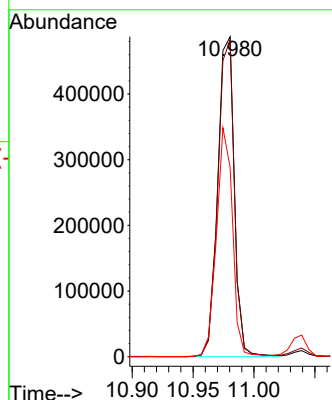
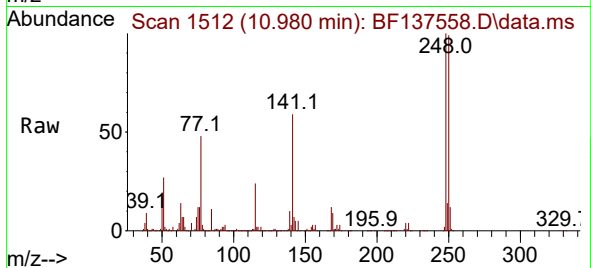




#67  
4-Bromophenyl-phenylether  
Concen: 45.203 ng  
RT: 10.980 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

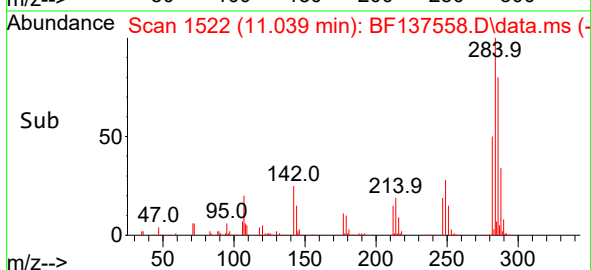
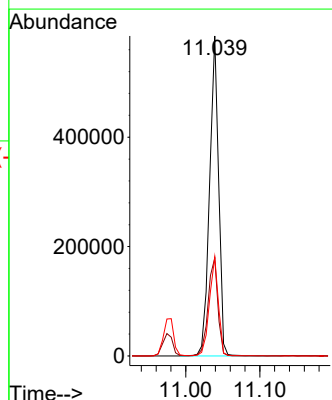
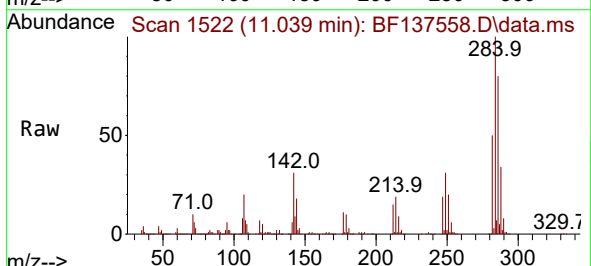
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

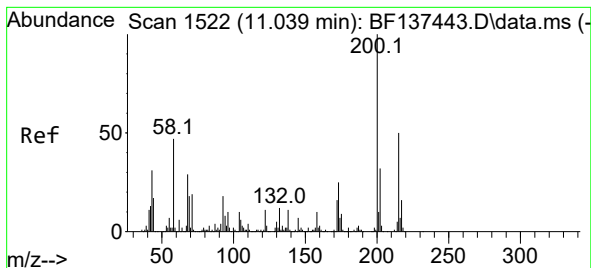
Tgt Ion:248 Resp: 463411  
Ion Ratio Lower Upper  
248 100  
250 99.0 76.8 115.2  
141 59.1 53.4 80.0



#68  
Hexachlorobenzene  
Concen: 48.079 ng  
RT: 11.039 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:284 Resp: 497841  
Ion Ratio Lower Upper  
284 100  
142 30.6 29.4 44.0  
249 30.9 25.0 37.4





#69

Atrazine

Concen: 41.505 ng

RT: 11.145 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

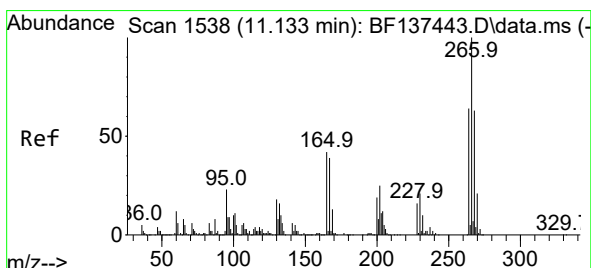
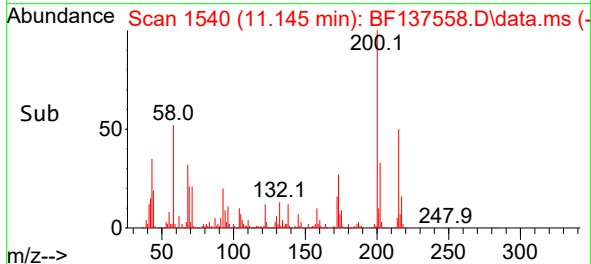
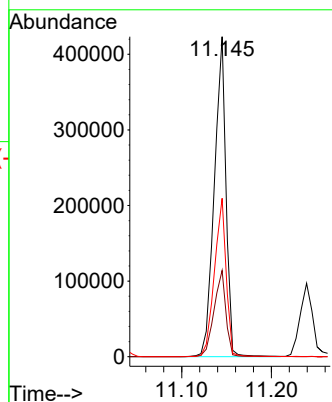
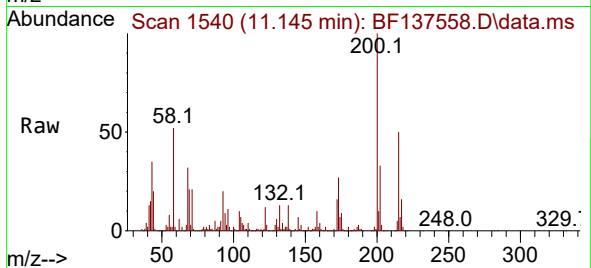
Tgt Ion:200 Resp: 382424

Ion Ratio Lower Upper

200 100

173 26.9 5.1 45.1

215 49.5 30.4 70.4



#70

Pentachlorophenol

Concen: 90.718 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

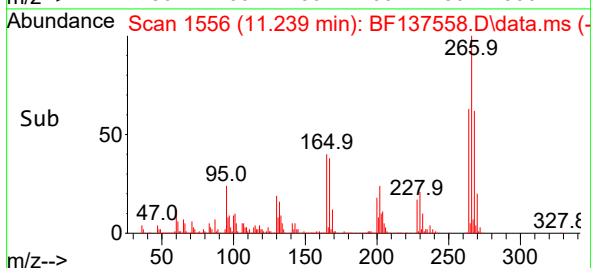
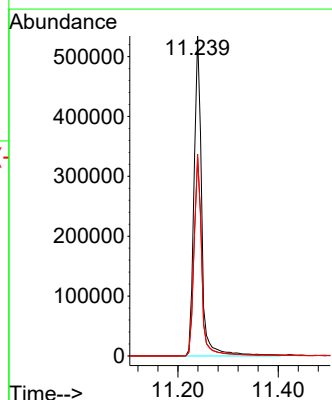
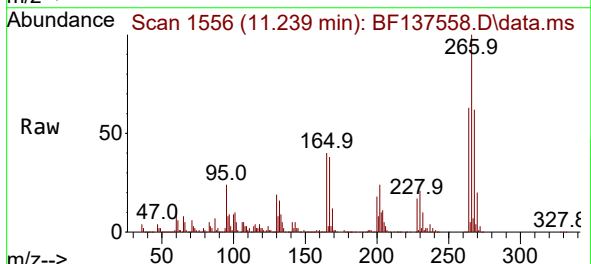
Tgt Ion:266 Resp: 567852

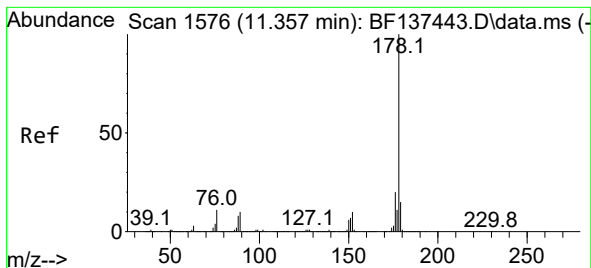
Ion Ratio Lower Upper

266 100

268 61.9 50.2 75.2

264 63.1 50.9 76.3





#71

Phenanthrene

Concen: 42.375 ng

RT: 11.463 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

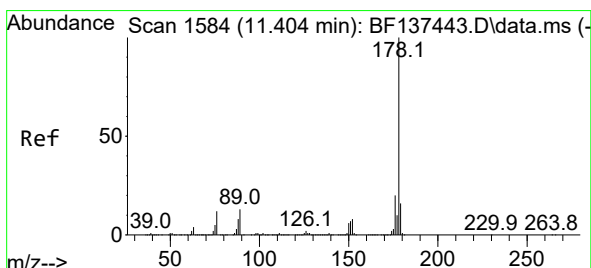
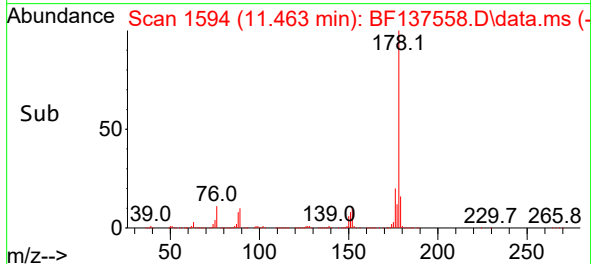
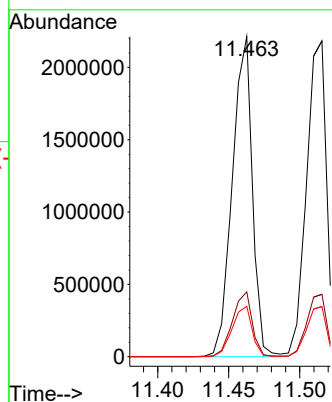
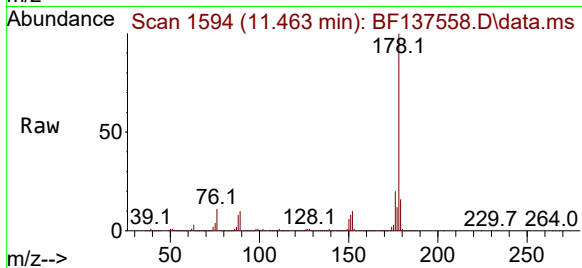
Tgt Ion:178 Resp: 2170658

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

179 15.8 12.2 18.2



#72

Anthracene

Concen: 41.851 ng

RT: 11.516 min Scan# 1603

Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

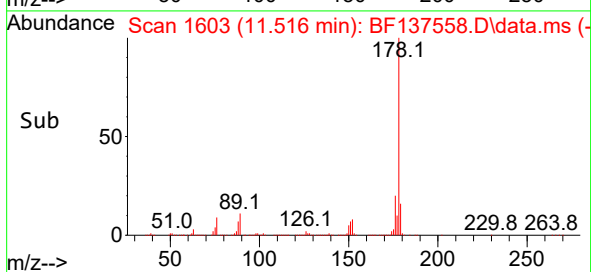
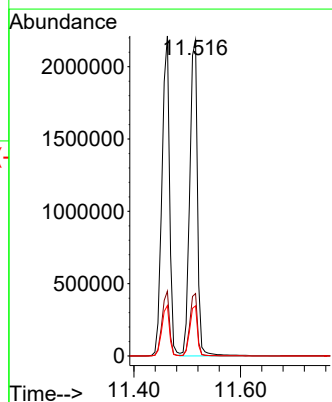
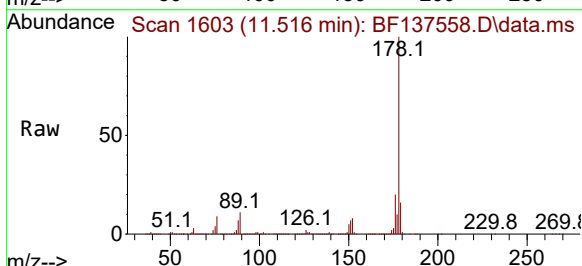
Tgt Ion:178 Resp: 2201814

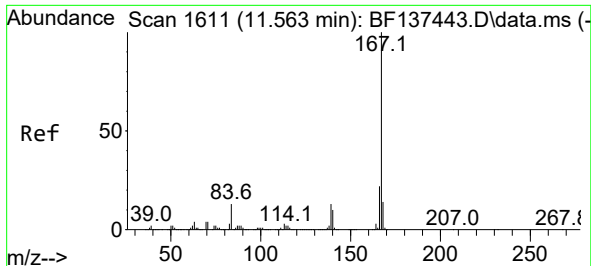
Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 15.8 12.7 19.1

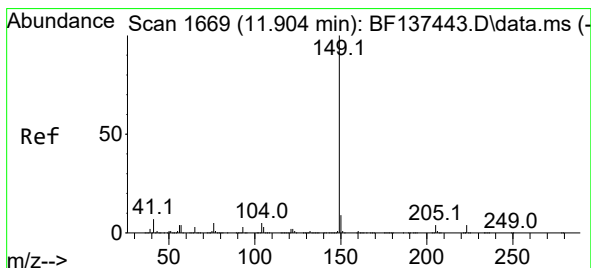
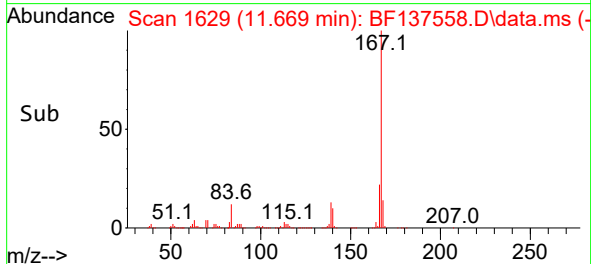
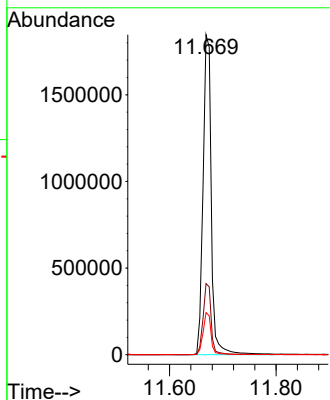
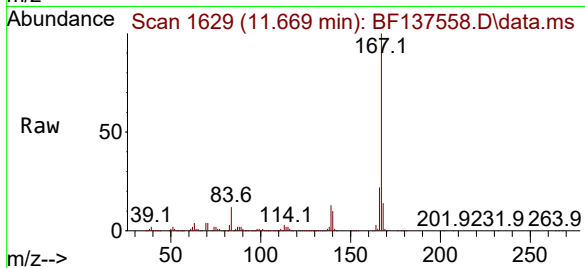




#73  
Carbazole  
Concen: 43.908 ng  
RT: 11.669 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

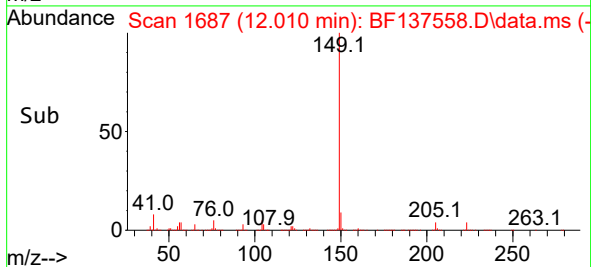
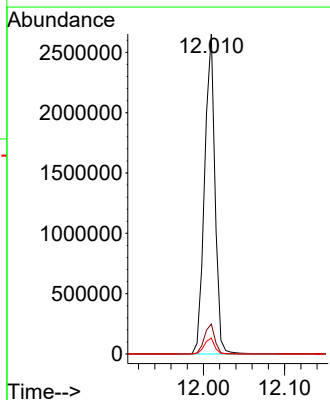
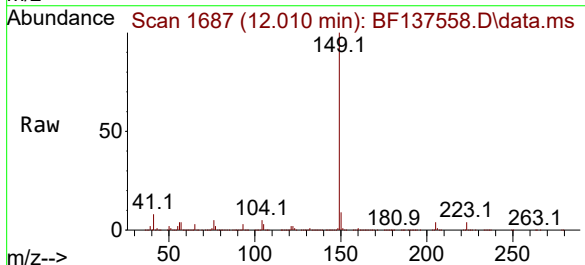
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

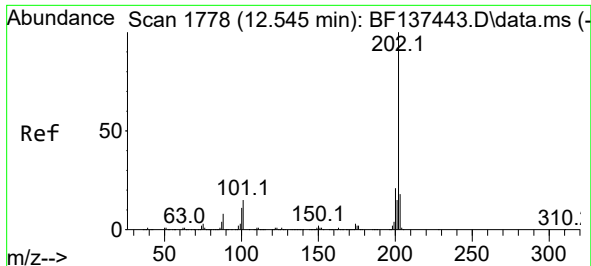
Tgt Ion:167 Resp: 1978710  
Ion Ratio Lower Upper  
167 100  
166 22.2 17.8 26.8  
139 13.1 10.5 15.7



#74  
Di-n-butylphthalate  
Concen: 43.893 ng  
RT: 12.010 min Scan# 1687  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:149 Resp: 2353410  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.0  
104 5.0 3.8 5.6

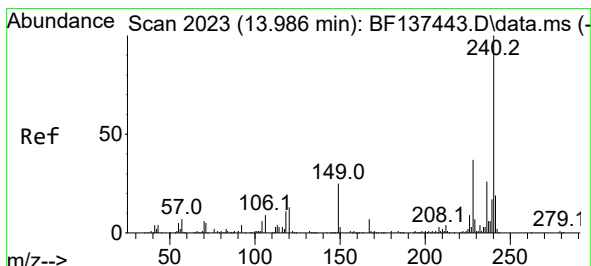
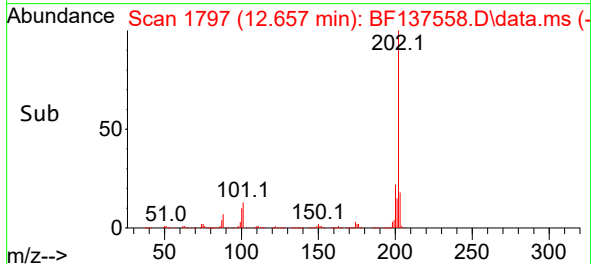
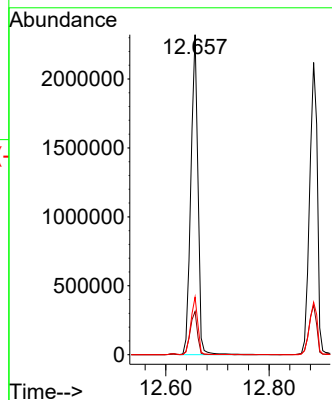
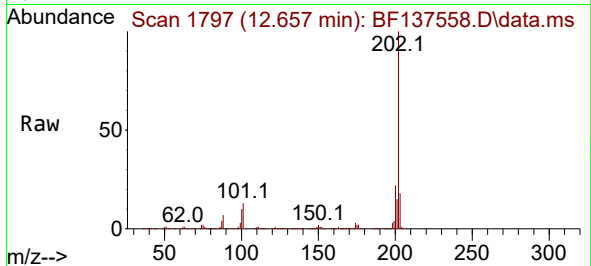




#75  
Fluoranthene  
Concen: 43.836 ng  
RT: 12.657 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

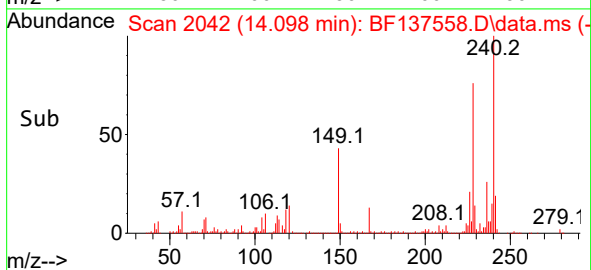
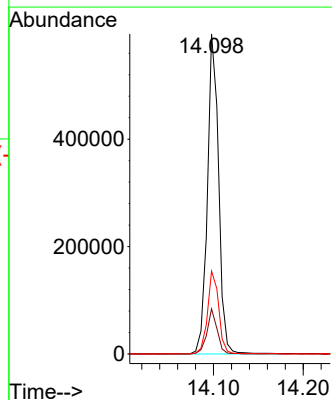
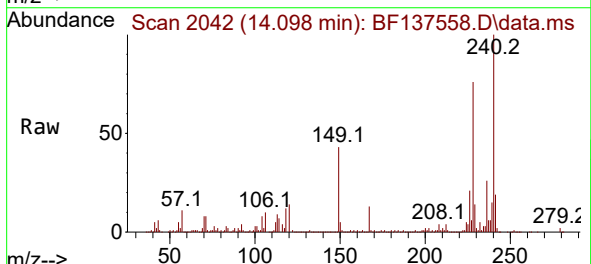
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

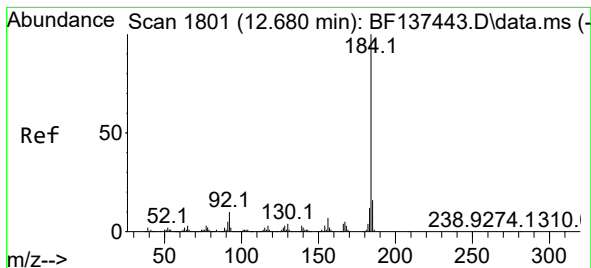
Tgt Ion:202 Resp: 2194923  
Ion Ratio Lower Upper  
202 100  
101 13.5 0.0 35.0  
203 18.0 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.098 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:240 Resp: 517827  
Ion Ratio Lower Upper  
240 100  
120 14.1 10.4 15.6  
236 25.9 20.9 31.3





#77

Benzidine

Concen: 16.510 ng

RT: 12.786 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

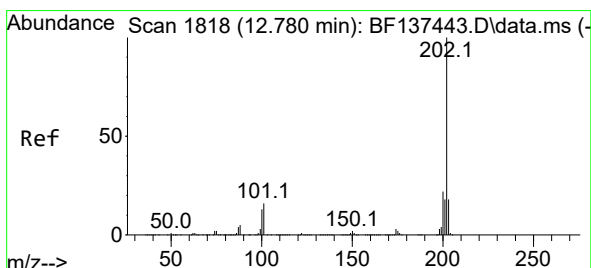
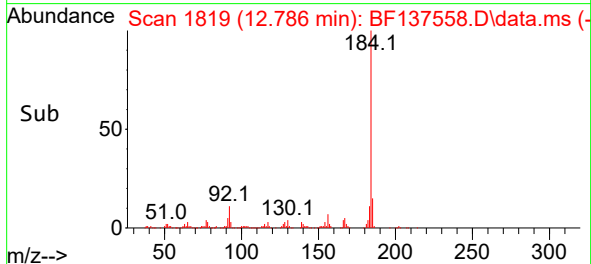
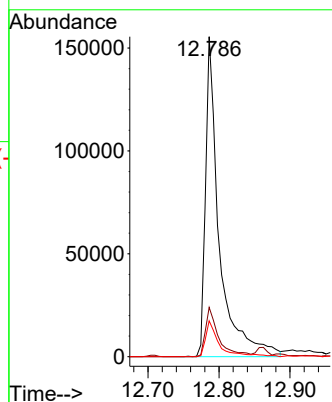
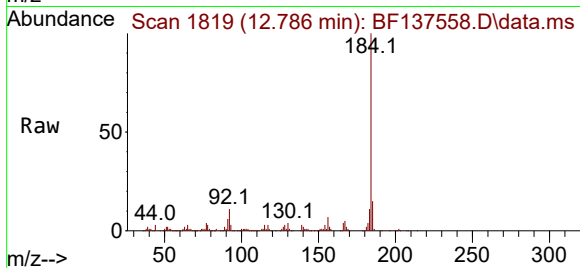
Tgt Ion:184 Resp: 209220

Ion Ratio Lower Upper

184 100

185 15.4 13.2 19.8

183 11.2 9.3 13.9



#78

Pyrene

Concen: 43.327 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

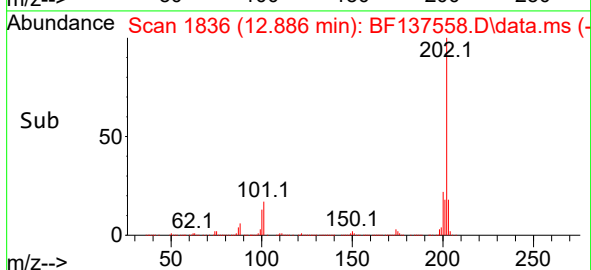
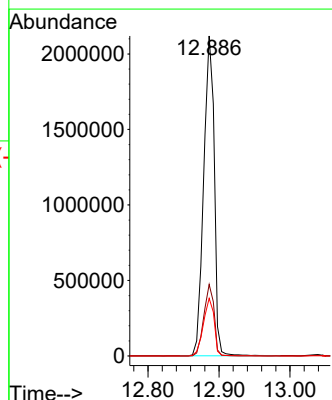
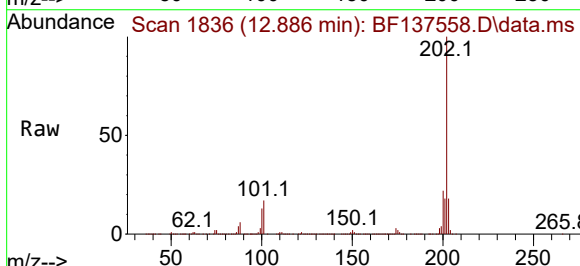
Tgt Ion:202 Resp: 2201450

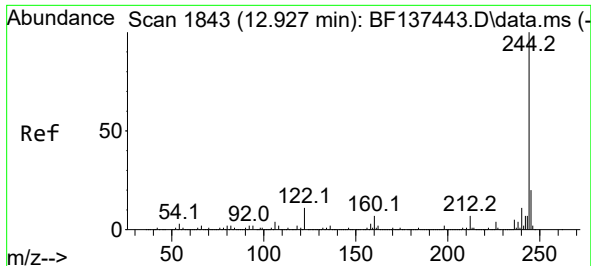
Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

203 18.0 14.1 21.1

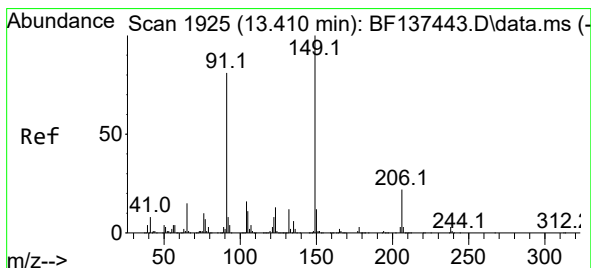
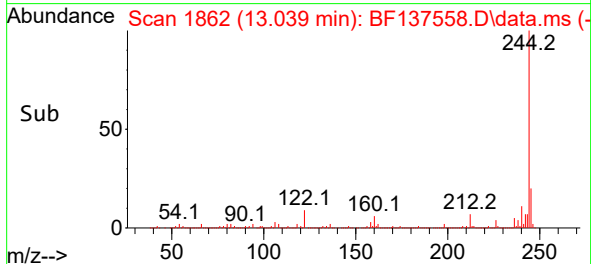
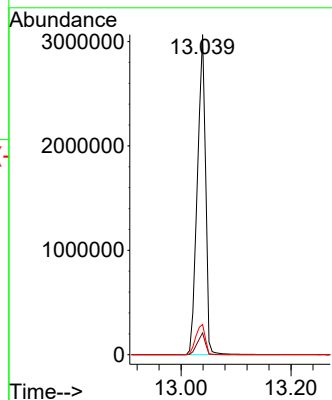
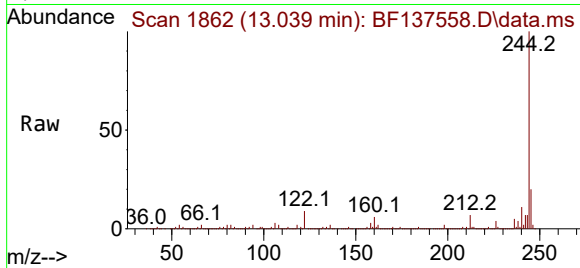




#79  
 Terphenyl-d14  
 Concen: 84.463 ng  
 RT: 13.039 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF137558.D  
 Acq: 11 Mar 2024 16:13

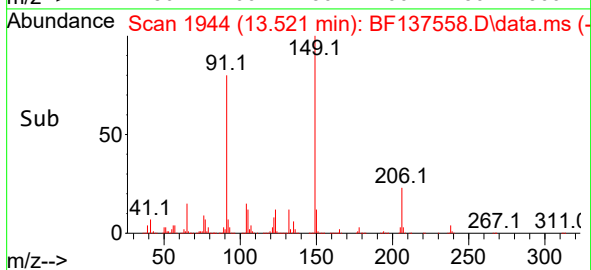
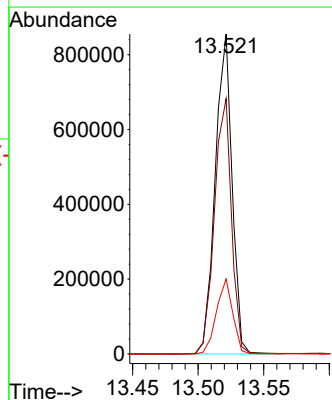
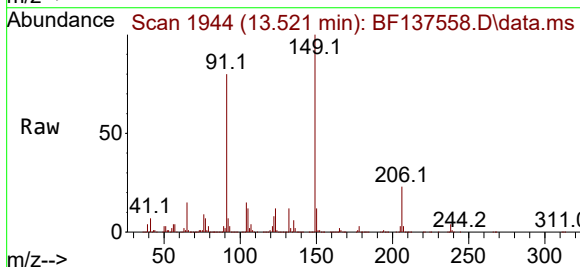
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159533BS

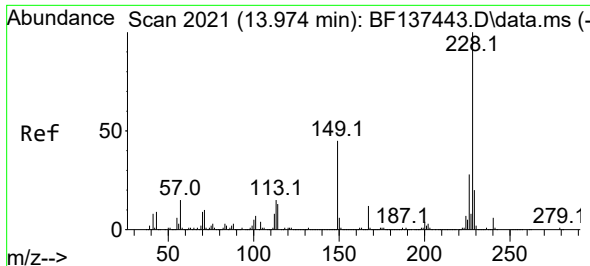
Tgt Ion:244 Resp: 3180632  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.2  
 122 9.5 9.1 13.7



#80  
 Butylbenzylphthalate  
 Concen: 58.903 ng  
 RT: 13.521 min Scan# 1944  
 Delta R.T. -0.000 min  
 Lab File: BF137558.D  
 Acq: 11 Mar 2024 16:13

Tgt Ion:149 Resp: 764344  
 Ion Ratio Lower Upper  
 149 100  
 91 79.8 64.7 97.1  
 206 23.4 17.5 26.3

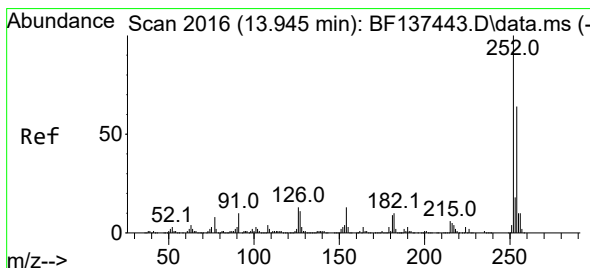
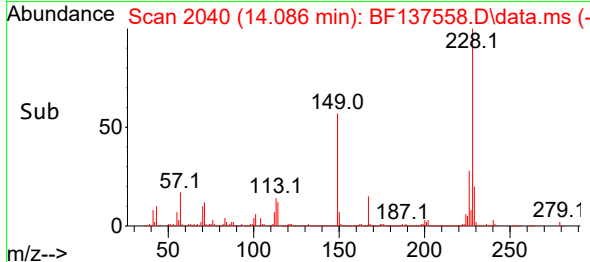
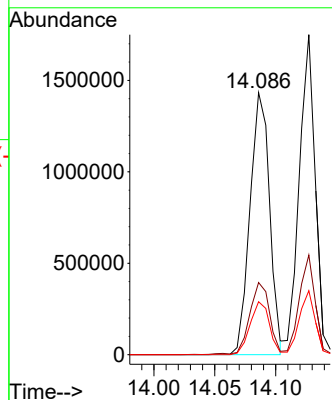
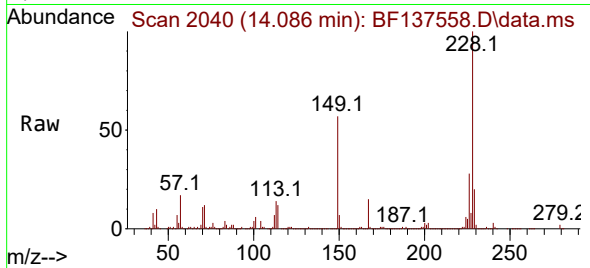




#81  
Benzo(a)anthracene  
Concen: 44.194 ng  
RT: 14.086 min Scan# 2035  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

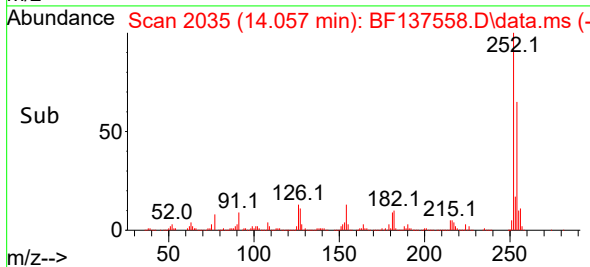
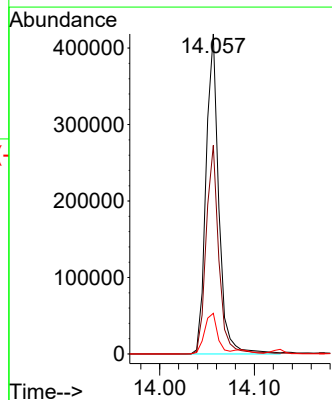
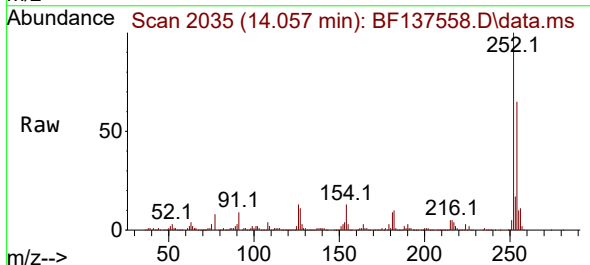
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

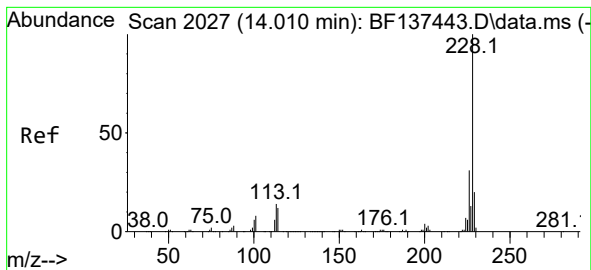
Tgt Ion:228 Resp: 1603986  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.3 33.5  
229 20.2 16.3 24.5



#82  
3,3'-Dichlorobenzidine  
Concen: 40.480 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:252 Resp: 391243  
Ion Ratio Lower Upper  
252 100  
254 65.2 51.4 77.2  
126 12.7 10.4 15.6





#83

Chrysene

Concen: 44.462 ng

RT: 14.127 min Scan# 2047

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

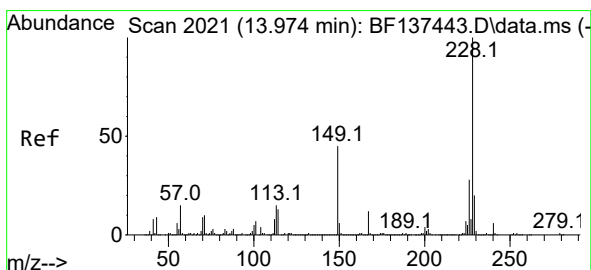
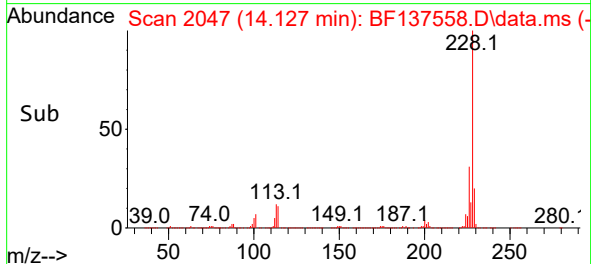
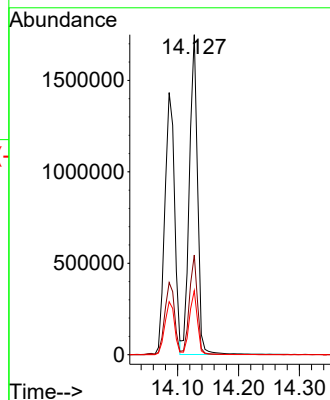
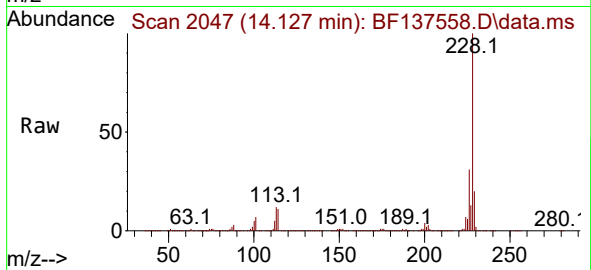
Tgt Ion:228 Resp: 1630953

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.600 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

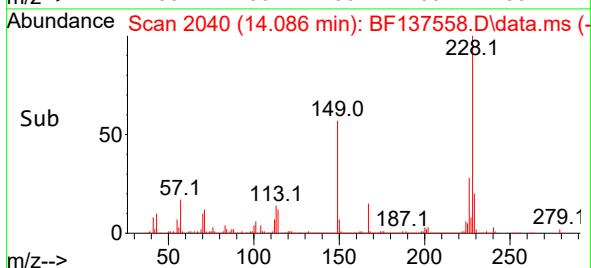
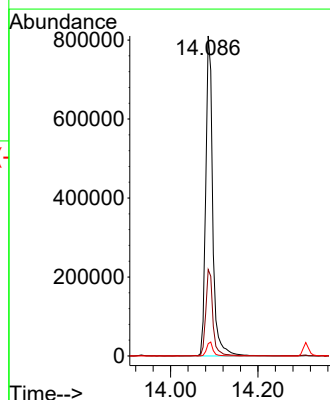
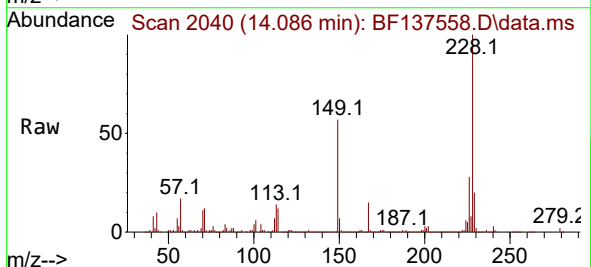
Tgt Ion:149 Resp: 900532

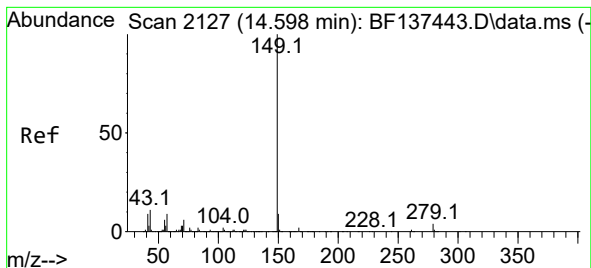
Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

279 3.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 48.573 ng

RT: 14.721 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

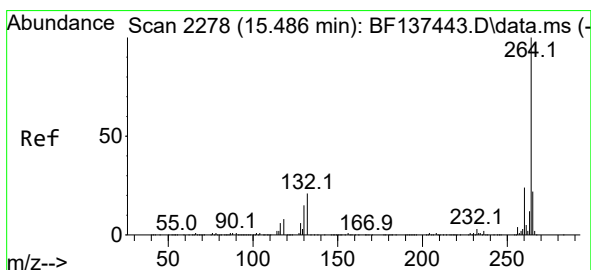
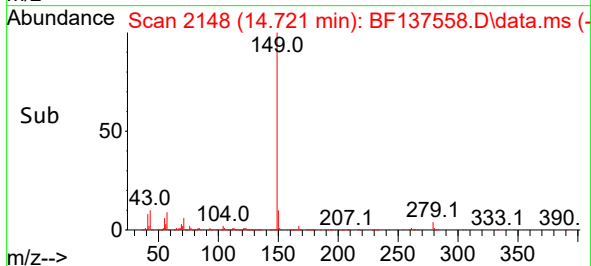
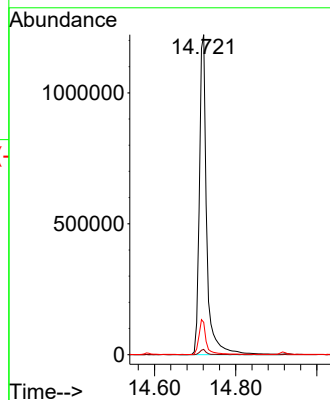
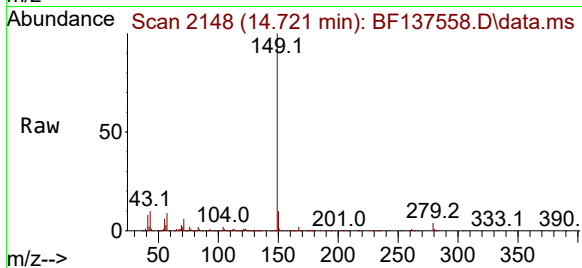
Tgt Ion:149 Resp: 1546407

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

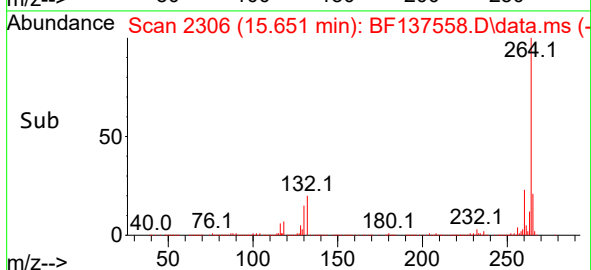
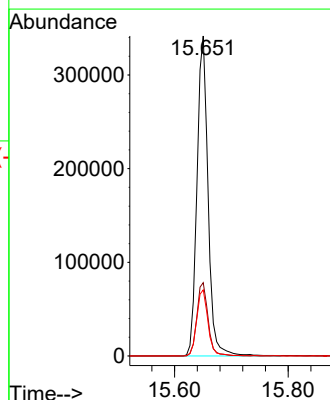
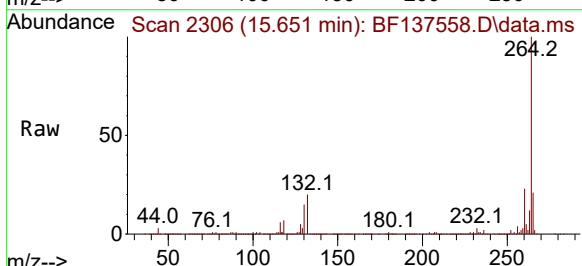
Tgt Ion:264 Resp: 465573

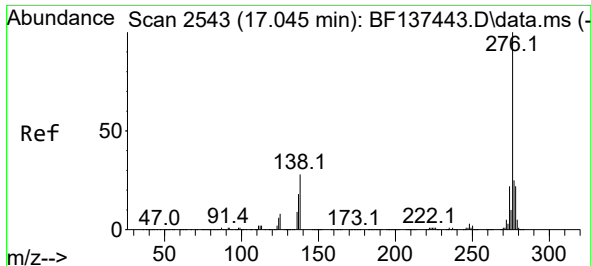
Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 20.7 17.4 26.0

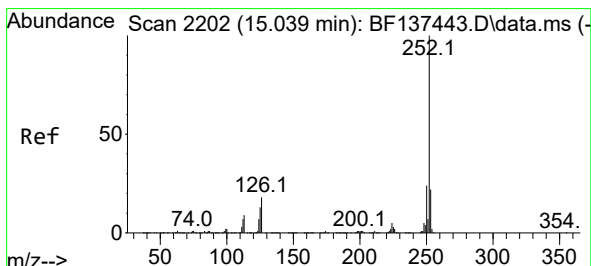
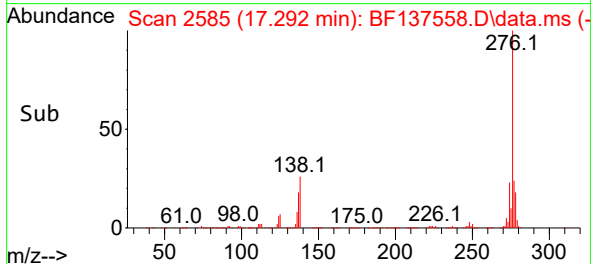
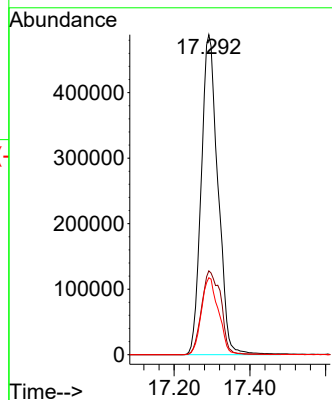
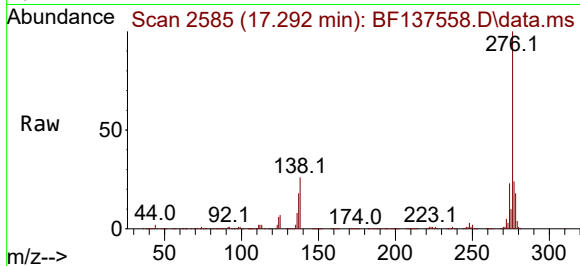




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.841 ng  
RT: 17.292 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

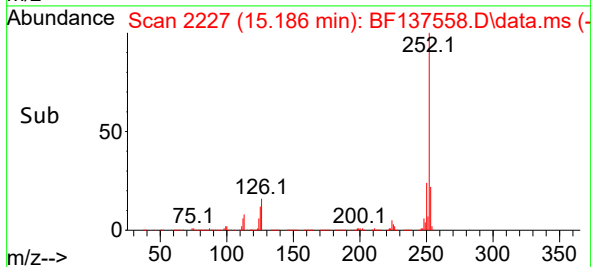
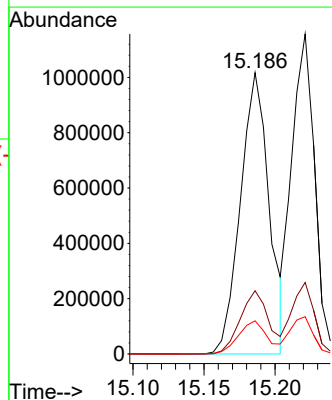
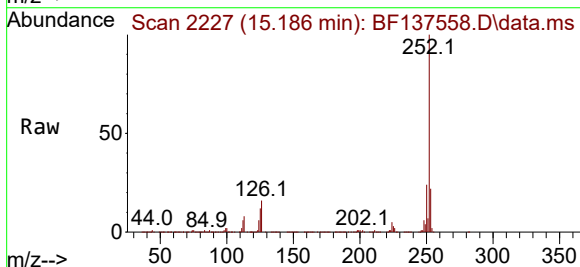
Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS

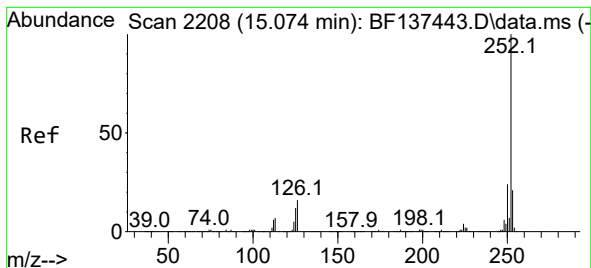
Tgt Ion:276 Resp: 1496400  
Ion Ratio Lower Upper  
276 100  
138 30.1 25.8 38.8  
277 24.8 20.2 30.2



#88  
Benzo(b)fluoranthene  
Concen: 52.001 ng  
RT: 15.186 min Scan# 2227  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:252 Resp: 1432143  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.8  
125 11.8 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 44.401 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

Instrument :

BNA\_F

ClientSampleId :

PB159533BS

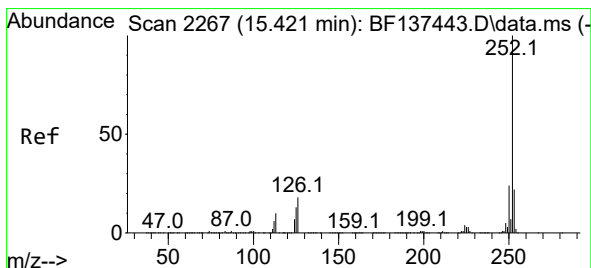
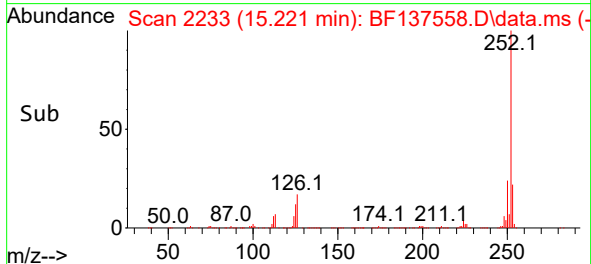
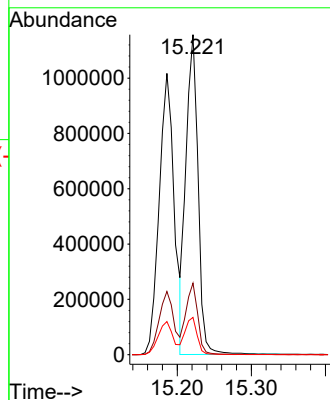
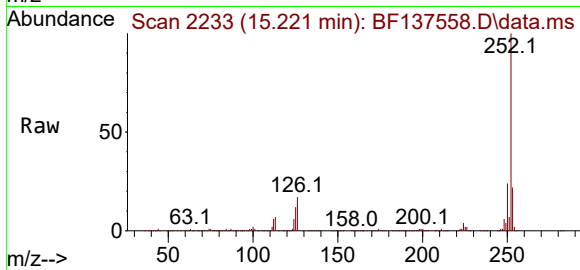
Tgt Ion:252 Resp: 1313422

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 11.6 9.6 14.4



#90

Benzo(a)pyrene

Concen: 46.631 ng

RT: 15.586 min Scan# 2295

Delta R.T. -0.000 min

Lab File: BF137558.D

Acq: 11 Mar 2024 16:13

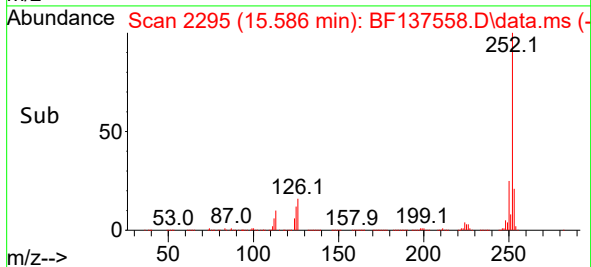
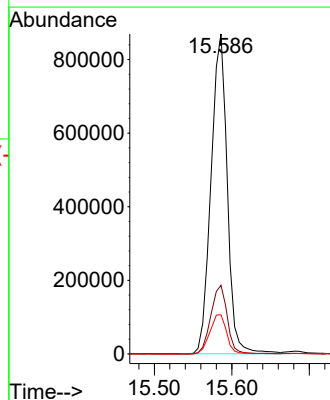
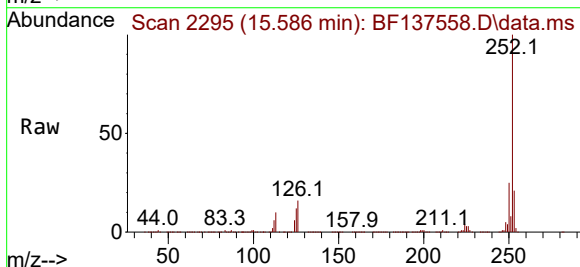
Tgt Ion:252 Resp: 1265544

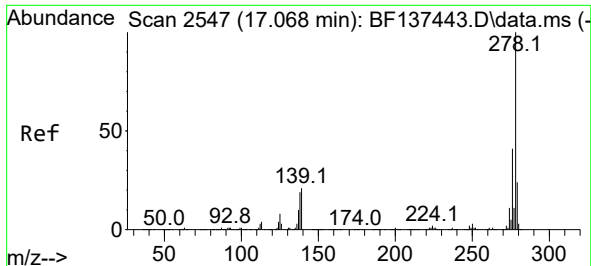
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

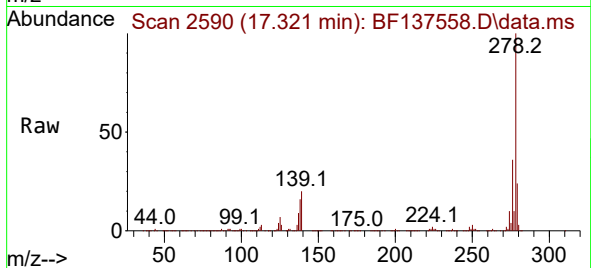
125 12.3 10.4 15.6



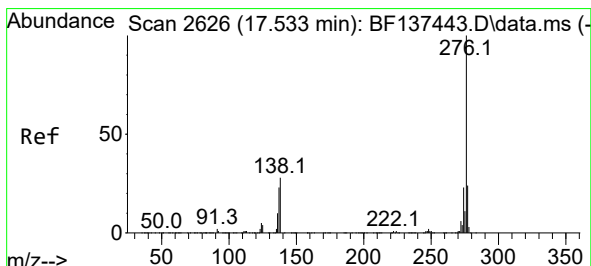
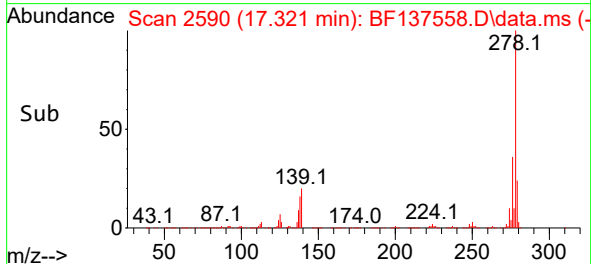
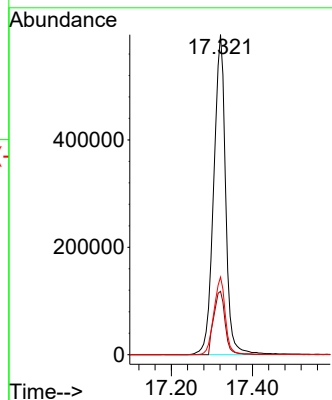


#91  
Dibenzo(a,h)anthracene  
Concen: 48.740 ng  
RT: 17.321 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB159533BS



Tgt Ion:278 Resp: 1211379  
Ion Ratio Lower Upper  
278 100  
139 19.8 17.0 25.6  
279 24.3 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 47.020 ng  
RT: 17.792 min Scan# 2670  
Delta R.T. -0.000 min  
Lab File: BF137558.D  
Acq: 11 Mar 2024 16:13

Tgt Ion:276 Resp: 1200167  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.0 28.4  
138 27.4 22.2 33.2

