

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030824\  
 Data File : BF137541.D  
 Acq On : 08 Mar 2024 14:05  
 Operator : CG\JU  
 Sample : PB159511BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159511BS

Quant Time: Mar 08 22:15:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 08 22:10:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 231621   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 944738   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 513530   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 930256   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.080 | 240  | 473680   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.615 | 264  | 448672   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.563  | 112  | 1929280  | 126.153 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.539  | 99   | 2667082  | 120.818 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1694874  | 83.357  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 683564   | 151.577 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 2675904  | 81.568  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 2975679  | 86.385  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.863  | 88   | 305368   | 36.518  | ng    | 99       |
| 3) Pyridine                   | 3.628  | 79   | 699647   | 34.692  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.616  | 42   | 359828   | 44.359  | ng    | 97       |
| 6) Aniline                    | 6.557  | 93   | 650856   | 24.129  | ng    | # 63     |
| 8) 2-Chlorophenol             | 6.675  | 128  | 771074   | 47.803  | ng    | 95       |
| 9) Benzaldehyde               | 6.445  | 77   | 493481   | 45.630  | ng    | 100      |
| 10) Phenol                    | 6.551  | 94   | 1014770  | 42.709  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.634  | 93   | 806208   | 46.303  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 776645   | 45.058  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 785577   | 44.545  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 752684   | 46.499  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 710303   | 51.684  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1260609  | 42.120  | ng    | 93       |
| 17) 2-Methylphenol            | 7.145  | 107  | 649444   | 43.028  | ng    | 98       |
| 18) Hexachloroethane          | 7.392  | 117  | 274304   | 47.238  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 575770   | 42.237  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 726063   | 42.002  | ng    | 91       |
| 22) Acetophenone              | 7.292  | 105  | 1028015  | 44.973  | ng    | # 98     |
| 24) Nitrobenzene              | 7.469  | 77   | 888260   | 43.488  | ng    | 98       |
| 25) Isophorone                | 7.704  | 82   | 1706117  | 44.167  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 411169   | 50.705  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 582373   | 38.435  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 1009024  | 44.520  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 648430   | 46.629  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 666624   | 45.553  | ng    | 98       |
| 31) Naphthalene               | 8.181  | 128  | 2145666  | 42.330  | ng    | 100      |
| 32) Benzoic acid              | 7.975  | 122  | 415556   | 47.673  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 307061   | 15.449  | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 386951   | 44.788  | ng    | 99       |
| 35) Caprolactam               | 8.616  | 113  | 131875   | 27.967  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.728  | 107  | 712001   | 45.805  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 1350098  | 41.781  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 1269746  | 41.726  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 657078   | 45.833  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 565527   | 94.944  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 457101   | 48.961  | ng    | 99       |

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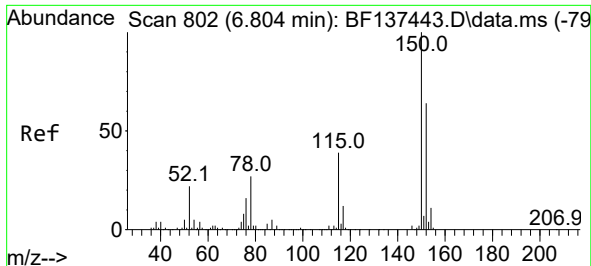
Quant Time: Mar 08 22:15:35 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 08 22:10:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.210  | 196  | 487863   | 45.363  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1653845  | 44.002  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 1330945  | 46.445  | ng    | 100      |
| 48) 2-Nitroaniline            | 9.469  | 65   | 482295   | 49.517  | ng    | 97       |
| 49) Acenaphthylene            | 9.780  | 152  | 2058638  | 44.890  | ng    | 99       |
| 50) Dimethylphthalate         | 9.651  | 163  | 1635353  | 45.747  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 367755   | 49.185  | ng    | 86       |
| 52) Acenaphthene              | 9.957  | 154  | 1174485  | 42.898  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.880  | 138  | 263371   | 33.301  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.992  | 184  | 382343   | 102.287 | ng    | 96       |
| 55) Dibenzofuran              | 10.127 | 168  | 1763793  | 42.298  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.057 | 139  | 526070   | 92.732  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.122 | 165  | 443479   | 48.278  | ng    | 93       |
| 58) Fluorene                  | 10.475 | 166  | 1350211  | 42.162  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 411831   | 47.753  | ng    | 93       |
| 60) Diethylphthalate          | 10.357 | 149  | 1506681  | 44.633  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 667515   | 42.530  | ng    | 92       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 328309   | 48.299  | ng    | 94       |
| 63) Azobenzene                | 10.627 | 77   | 1705902  | 43.886  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 271744   | 52.412  | ng    | 79       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 1268067  | 42.332  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 448890   | 44.304  | ng    | 97       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 486140   | 47.504  | ng    | 92       |
| 69) Atrazine                  | 11.127 | 200  | 374453   | 41.120  | ng    | 99       |
| 70) Pentachlorophenol         | 11.222 | 266  | 544684   | 88.045  | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 2117157  | 41.819  | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 2156348  | 41.471  | ng    | 100      |
| 73) Carbazole                 | 11.651 | 167  | 1902733  | 42.721  | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.986 | 149  | 2297552  | 43.358  | ng    | 99       |
| 75) Fluoranthene              | 12.639 | 202  | 2042212  | 41.268  | ng    | 98       |
| 77) Benzidine                 | 12.768 | 184  | 236880   | 20.435  | ng    | 98       |
| 78) Pyrene                    | 12.868 | 202  | 2066651  | 44.464  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.498 | 149  | 689604   | 58.096  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.068 | 228  | 1468158  | 44.222  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.033 | 252  | 373973   | 42.299  | ng    | 100      |
| 83) Chrysene                  | 14.104 | 228  | 1475063  | 43.960  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.068 | 149  | 814889   | 54.012  | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 14.698 | 149  | 1450142  | 49.654  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.239 | 276  | 1469577  | 49.773  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.157 | 252  | 1361302  | 51.291  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.192 | 252  | 1296170  | 45.468  | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.557 | 252  | 1222675  | 46.748  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.268 | 278  | 1197610  | 50.001  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.727 | 276  | 1186846  | 48.250  | ng    | 98       |

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

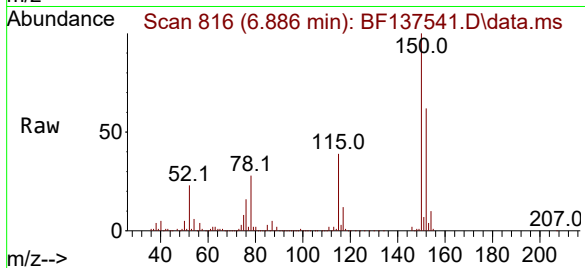
Quant Time: Mar 08 22:15:35 2024  
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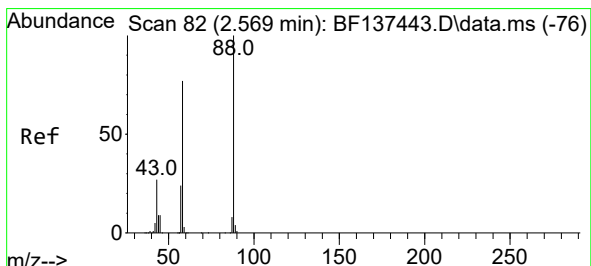
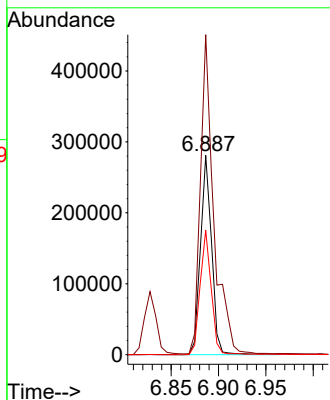
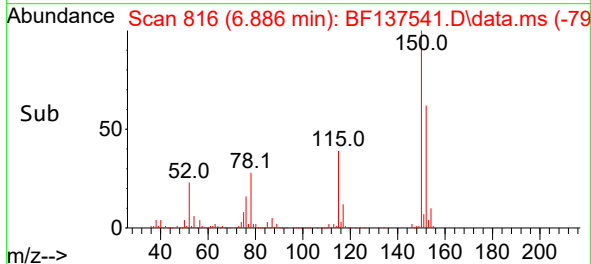


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

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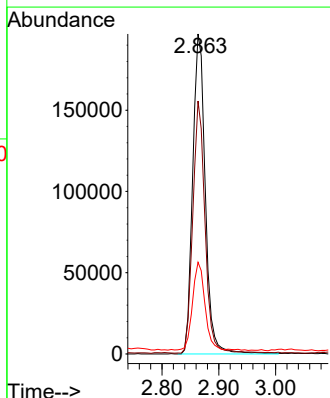
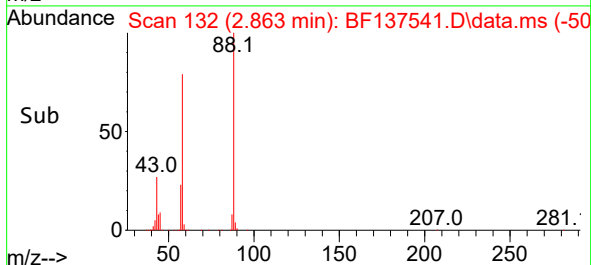
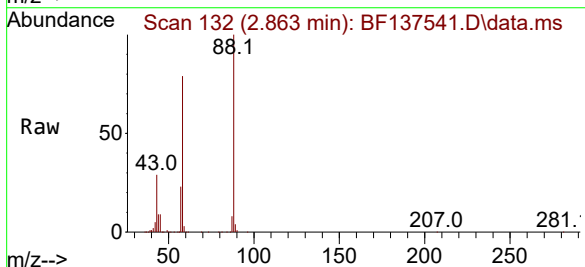


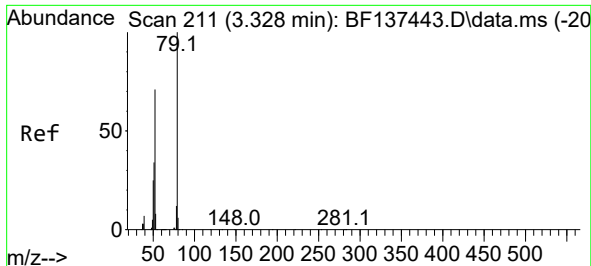
Tgt Ion:152 Resp: 231621  
Ion Ratio Lower Upper  
152 100  
150 160.6 125.8 188.6  
115 62.5 48.8 73.2



#2  
1,4-Dioxane  
Concen: 36.518 ng  
RT: 2.863 min Scan# 132  
Delta R.T. 0.135 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion: 88 Resp: 305368  
Ion Ratio Lower Upper  
88 100  
58 76.2 61.8 92.8  
43 26.9 22.2 33.4

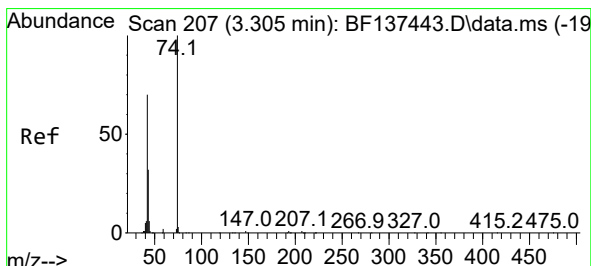
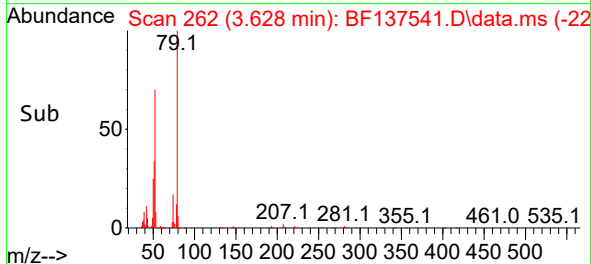
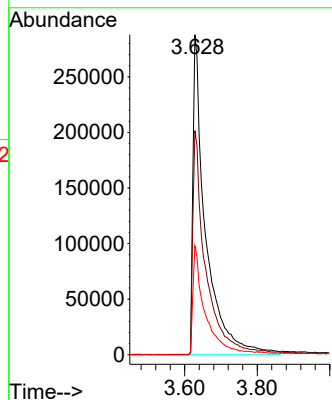
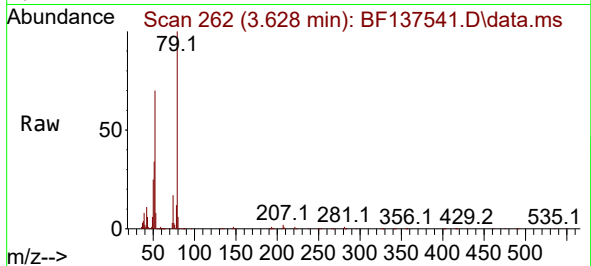




#3  
Pyridine  
Concen: 34.692 ng  
RT: 3.628 min Scan# 211  
Delta R.T. 0.106 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

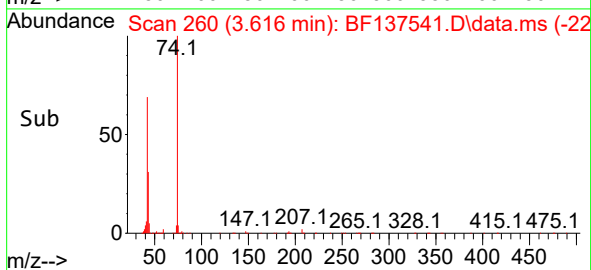
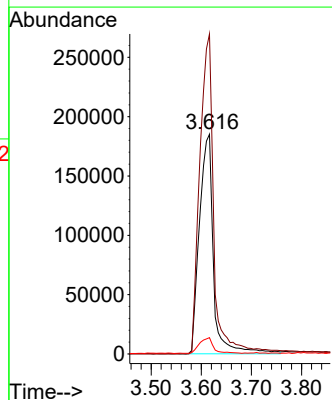
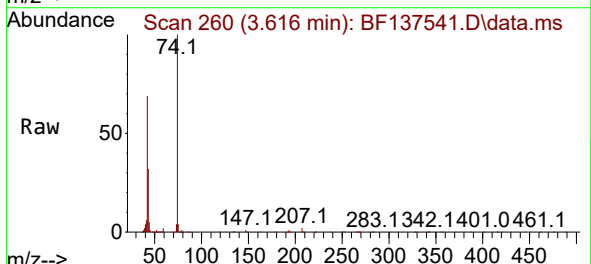
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ClientSampleId :  
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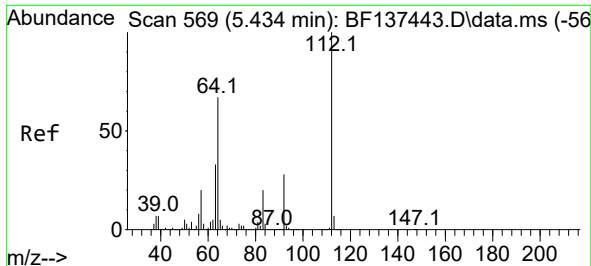
Tgt Ion: 79 Resp: 699647  
Ion Ratio Lower Upper  
79 100  
52 70.1 57.0 85.4  
51 34.0 27.5 41.3



#4  
n-Nitrosodimethylamine  
Concen: 44.359 ng  
RT: 3.616 min Scan# 260  
Delta R.T. 0.100 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion: 42 Resp: 359828  
Ion Ratio Lower Upper  
42 100  
74 145.7 114.0 171.0  
44 7.4 7.0 10.4

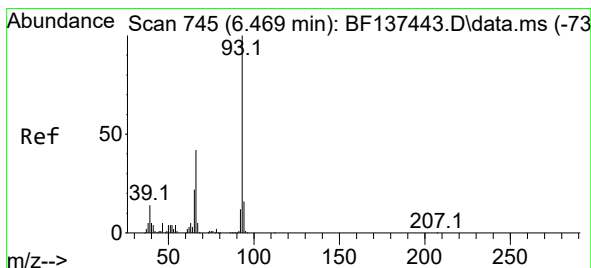
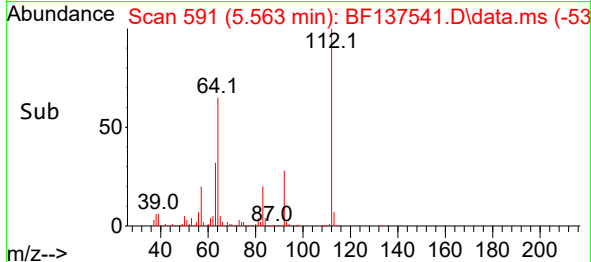
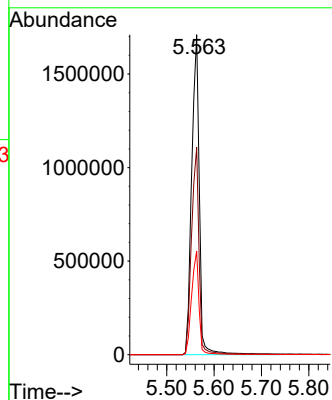
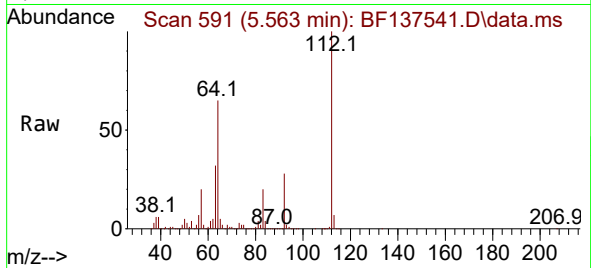




#5  
2-Fluorophenol  
Concen: 126.153 ng  
RT: 5.563 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

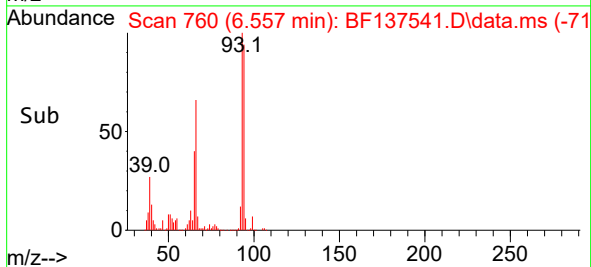
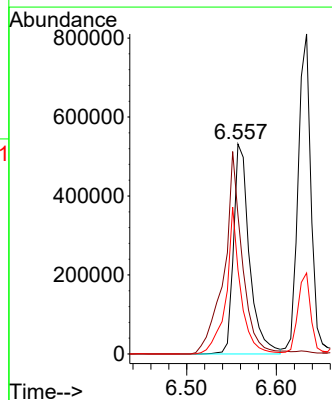
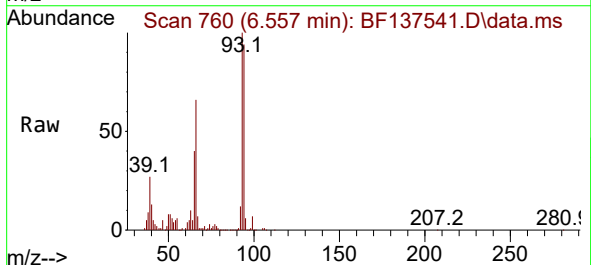
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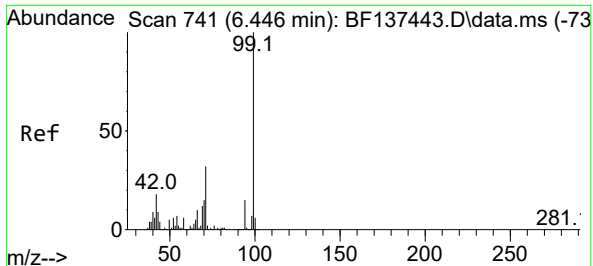
Tgt Ion:112 Resp: 1929280  
Ion Ratio Lower Upper  
112 100  
64 64.8 53.4 80.2  
63 32.4 26.2 39.2



#6  
Aniline  
Concen: 24.129 ng  
RT: 6.557 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion: 93 Resp: 650856  
Ion Ratio Lower Upper  
93 100  
66 66.2 34.0 51.0#  
65 40.2 17.8 26.8#

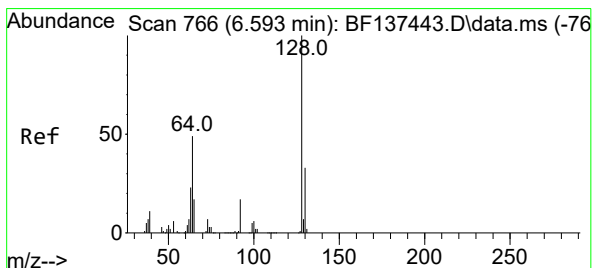
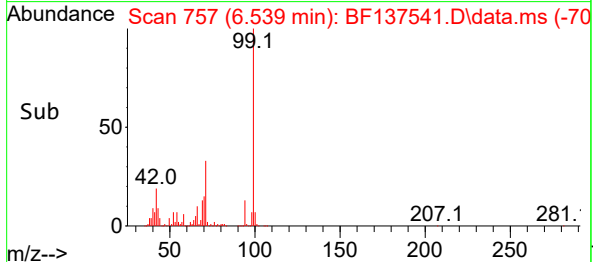
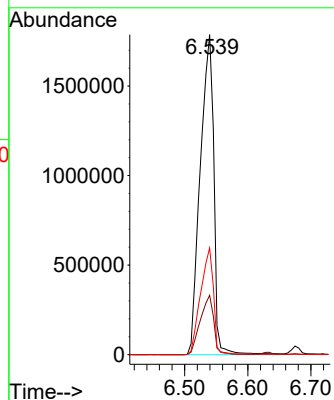
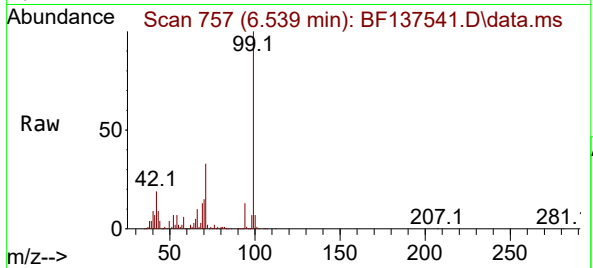




#7  
Phenol-d6  
Concen: 120.818 ng  
RT: 6.539 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

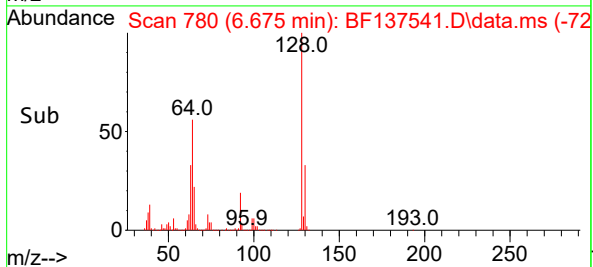
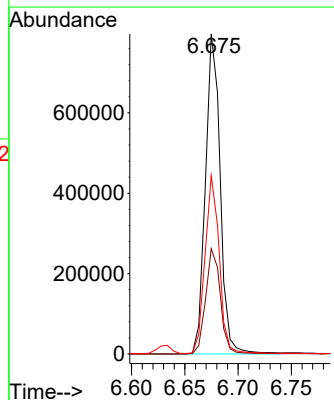
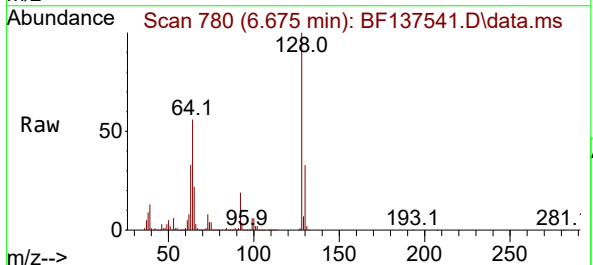
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BNA\_F  
ClientSampleId :  
PB159511BS

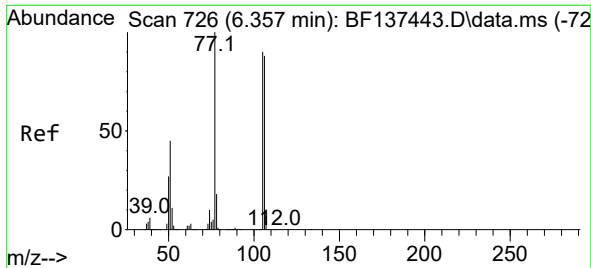
Tgt Ion: 99 Resp: 2667082  
Ion Ratio Lower Upper  
99 100  
42 18.6 14.6 21.8  
71 33.4 25.3 37.9



#8  
2-Chlorophenol  
Concen: 47.803 ng  
RT: 6.675 min Scan# 780  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:128 Resp: 771074  
Ion Ratio Lower Upper  
128 100  
130 32.9 13.4 53.4  
64 55.7 30.0 70.0





#9

Benzaldehyde

Concen: 45.630 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

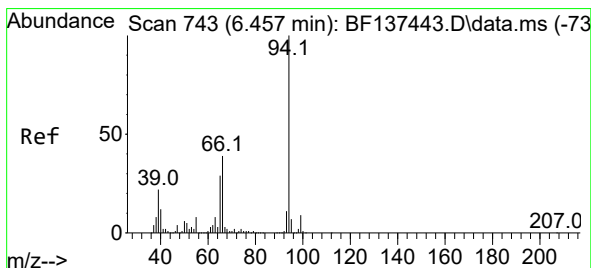
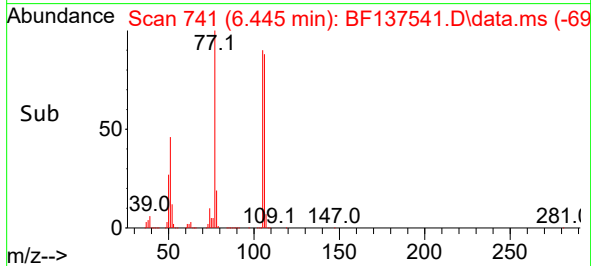
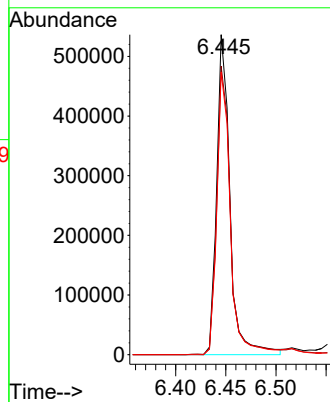
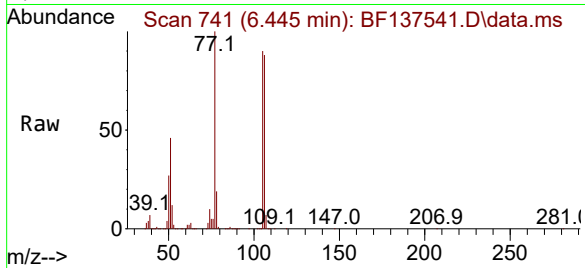
Tgt Ion: 77 Resp: 493481

Ion Ratio Lower Upper

77 100

105 90.2 69.8 109.8

106 88.4 67.8 107.8



#10

Phenol

Concen: 42.709 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

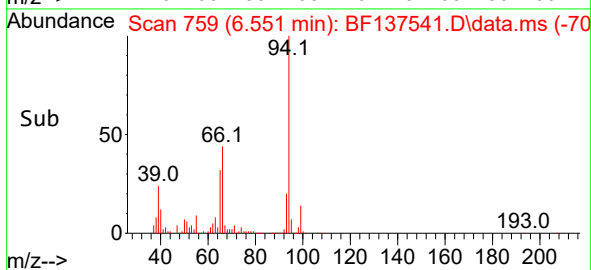
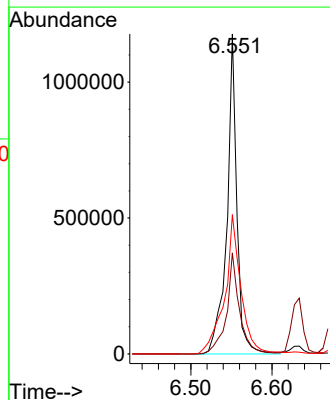
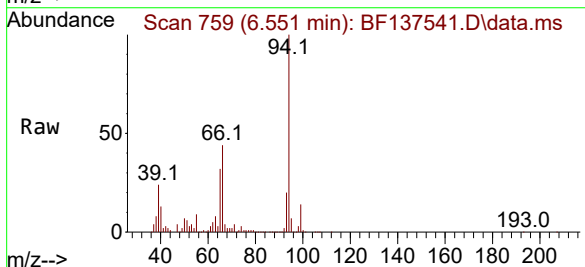
Tgt Ion: 94 Resp: 1014770

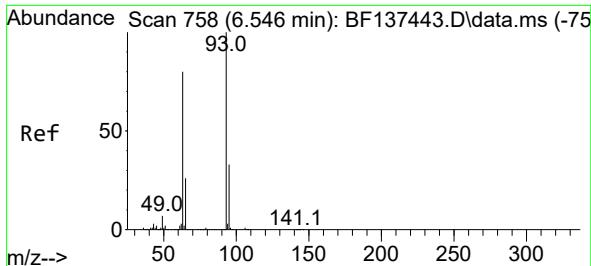
Ion Ratio Lower Upper

94 100

65 31.6 8.7 48.7

66 43.5 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 46.303 ng

RT: 6.634 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

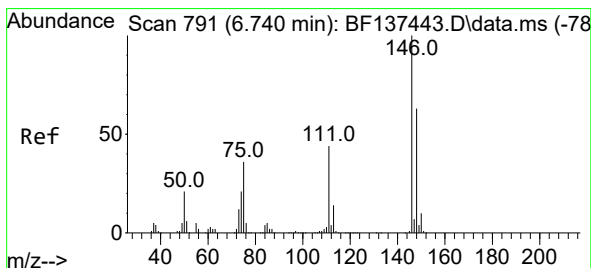
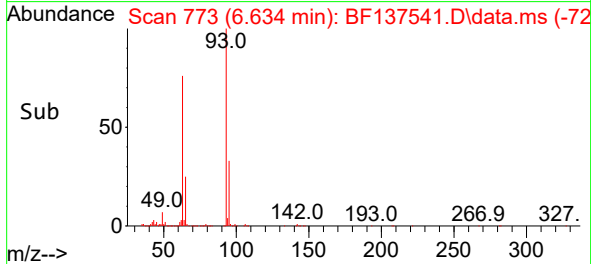
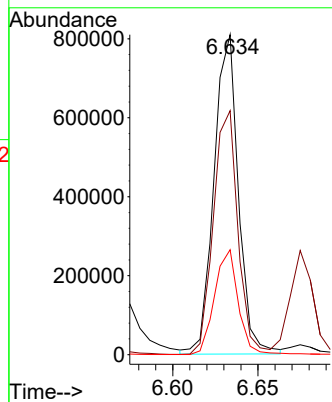
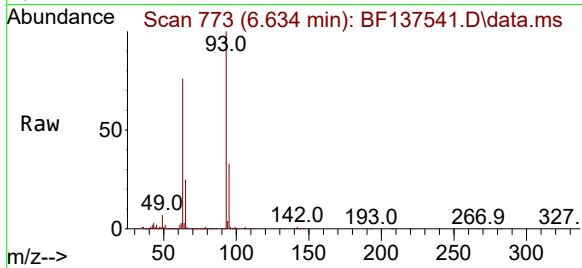
Tgt Ion: 93 Resp: 806208

Ion Ratio Lower Upper

93 100

63 76.2 58.9 98.9

95 32.8 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 45.058 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

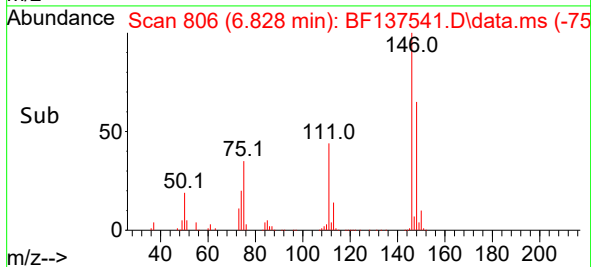
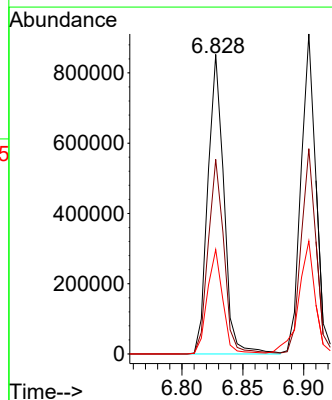
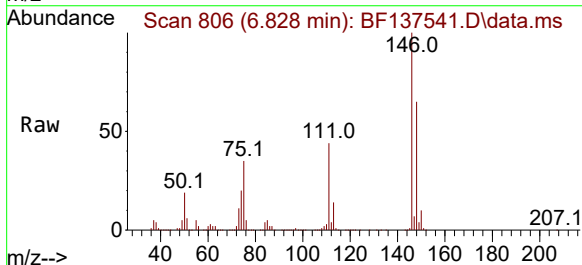
Tgt Ion:146 Resp: 776645

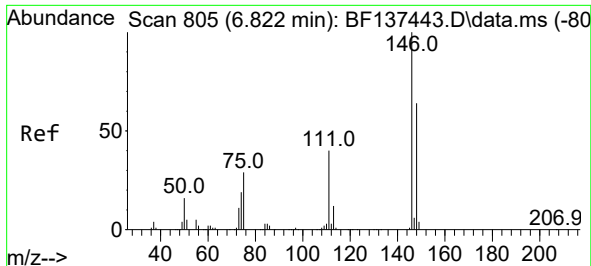
Ion Ratio Lower Upper

146 100

148 65.0 50.3 75.5

75 34.8 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 44.545 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

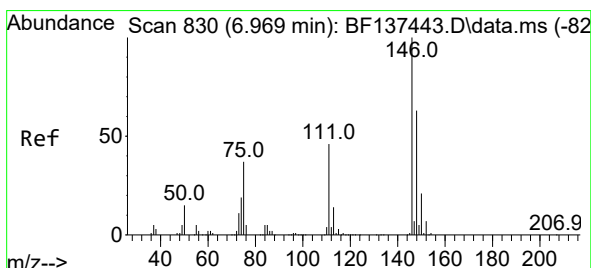
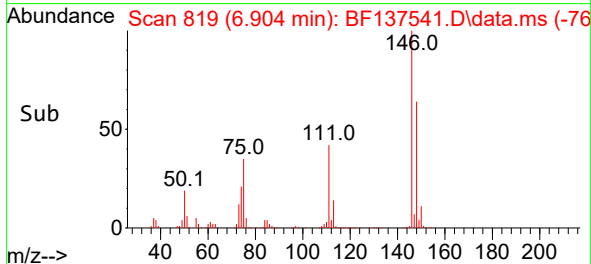
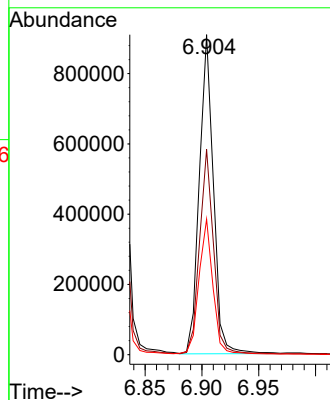
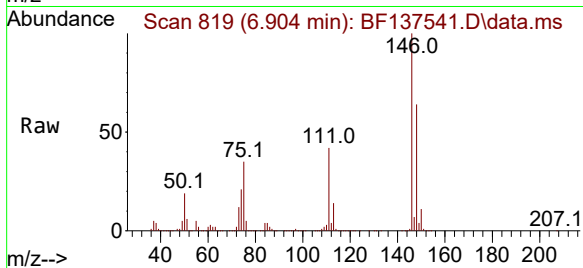
Tgt Ion:146 Resp: 785577

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 42.4 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 46.499 ng

RT: 7.051 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

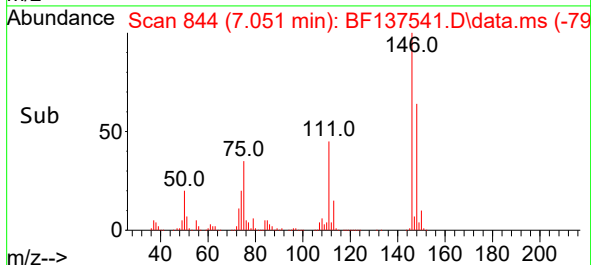
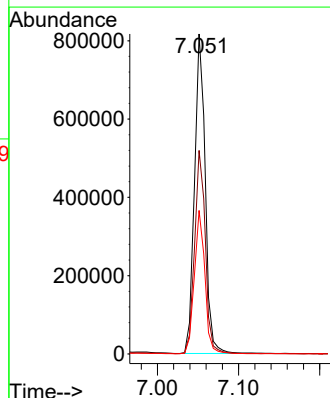
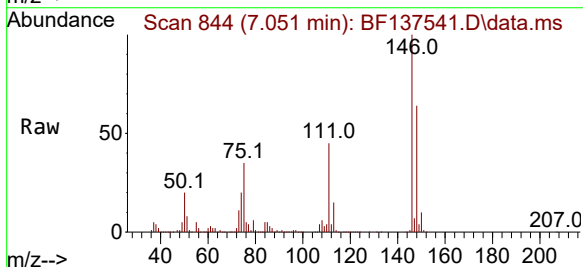
Tgt Ion:146 Resp: 752684

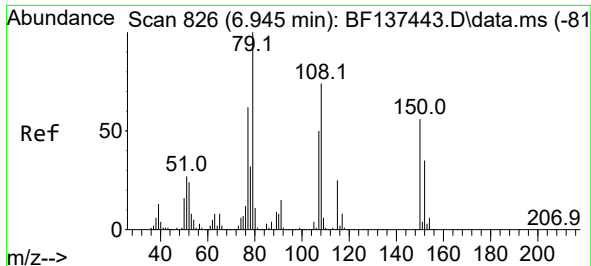
Ion Ratio Lower Upper

146 100

148 63.6 50.0 75.0

111 44.9 36.8 55.2

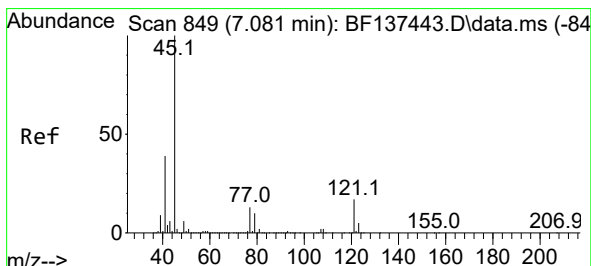
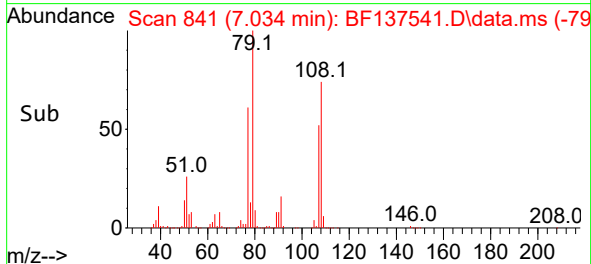
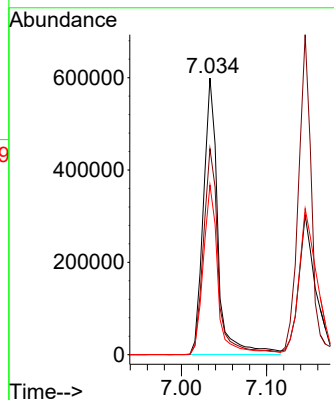
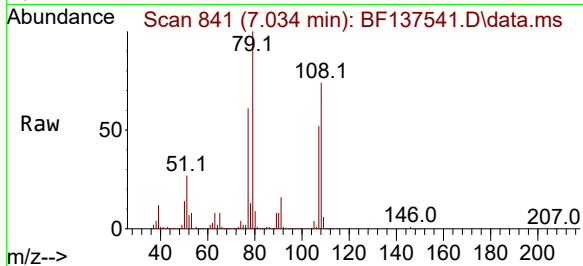




#15  
Benzyl Alcohol  
Concen: 51.684 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

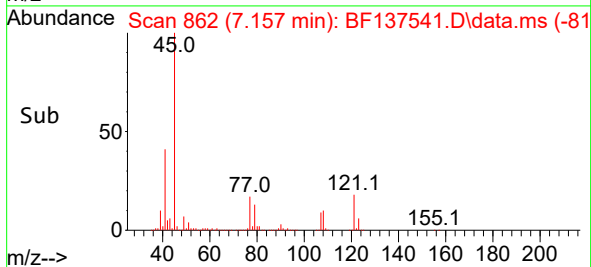
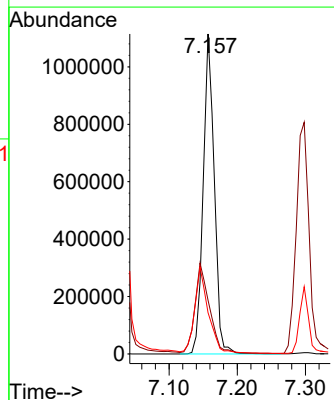
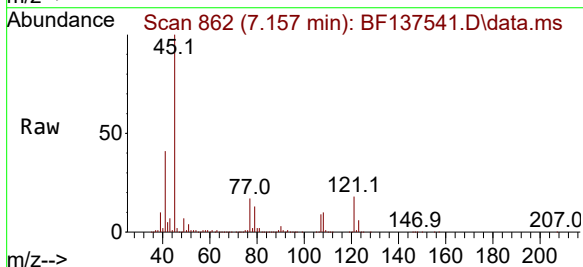
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

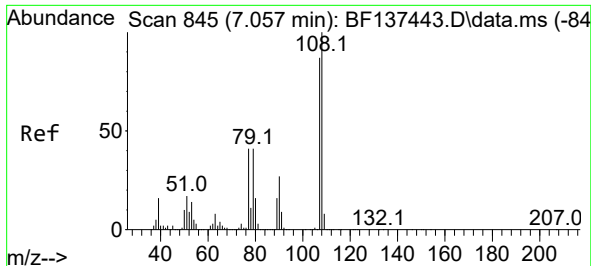
Tgt Ion: 79 Resp: 710303  
Ion Ratio Lower Upper  
79 100  
108 74.5 59.5 89.3  
77 61.3 50.0 75.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.120 ng  
RT: 7.157 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion: 45 Resp: 1260609  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 33.4  
79 12.9 0.0 30.9

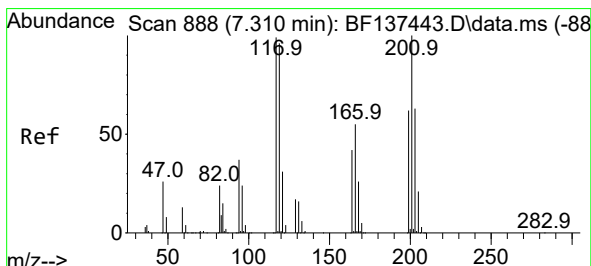
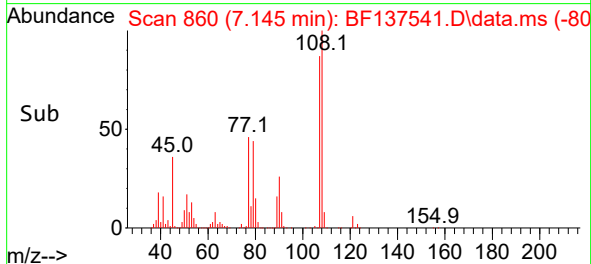
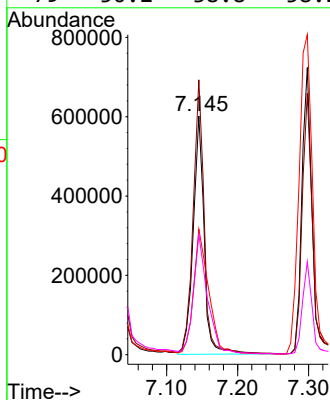
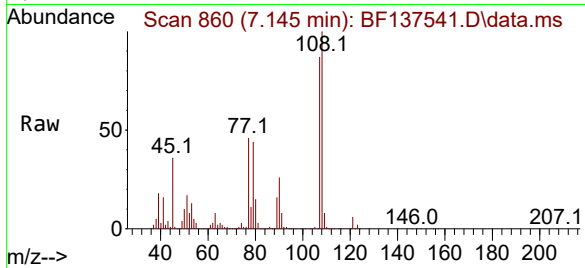




#17  
2-Methylphenol  
Concen: 43.028 ng  
RT: 7.145 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

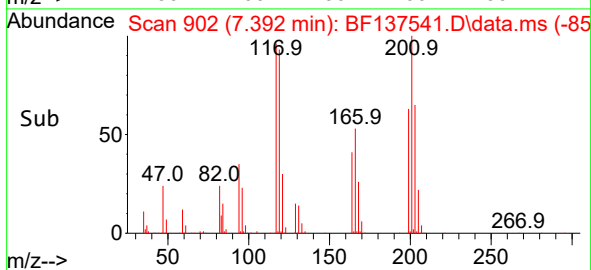
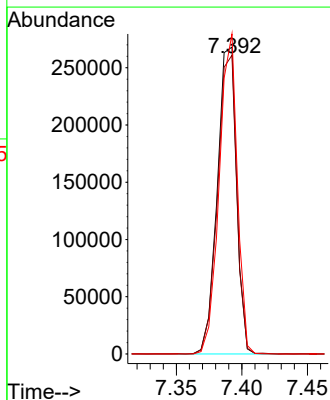
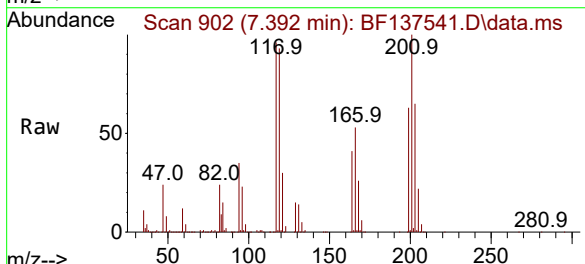
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

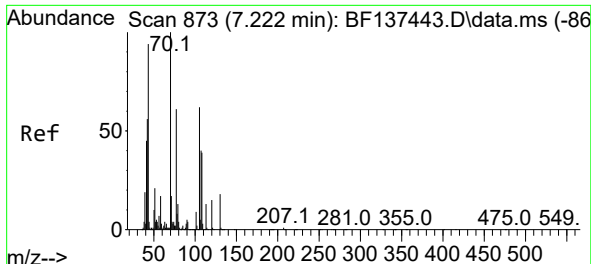
Tgt Ion:107 Resp: 649444  
Ion Ratio Lower Upper  
107 100  
108 115.1 92.2 138.4  
77 52.6 38.6 57.8  
79 50.2 38.8 58.2



#18  
Hexachloroethane  
Concen: 47.238 ng  
RT: 7.392 min Scan# 902  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:117 Resp: 274304  
Ion Ratio Lower Upper  
117 100  
119 97.4 77.5 116.3  
201 104.3 80.6 121.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.237 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

Tgt Ion: 70 Resp: 575770

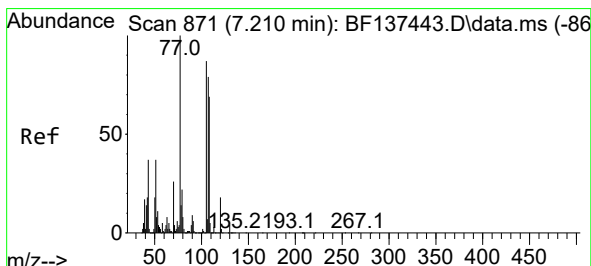
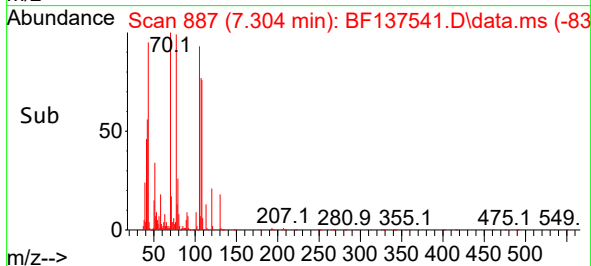
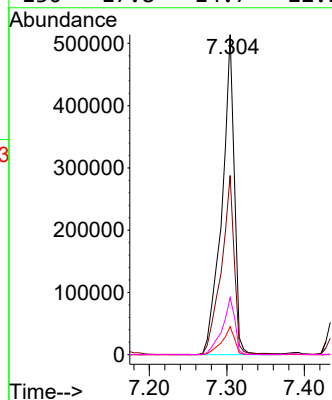
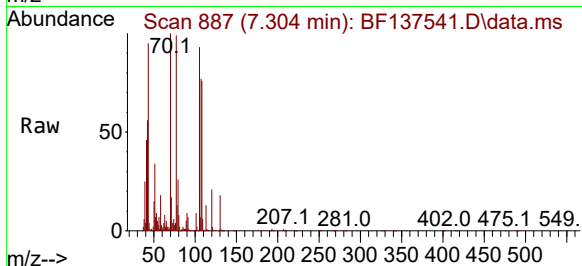
Ion Ratio Lower Upper

70 100

42 56.0 45.2 67.8

101 8.7 7.3 10.9

130 17.8 14.7 22.1



#20

3+4-Methylphenols

Concen: 42.002 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Tgt Ion: 107 Resp: 726063

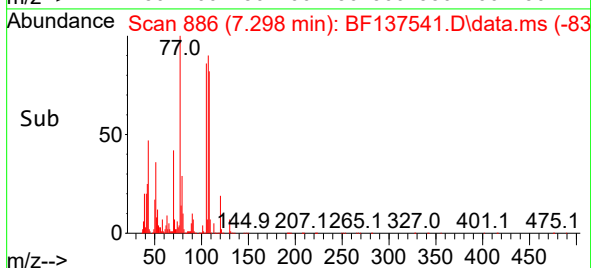
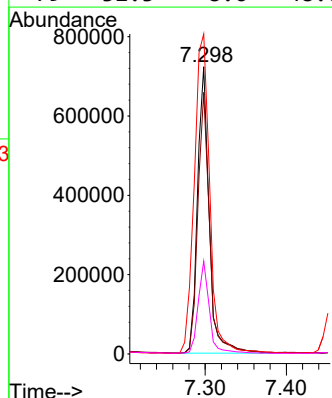
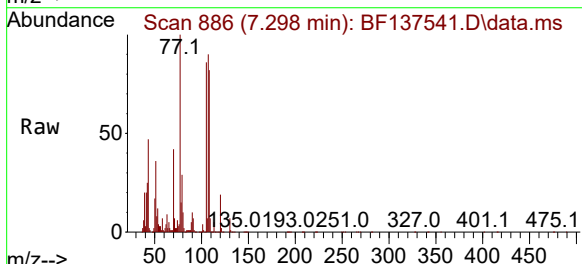
Ion Ratio Lower Upper

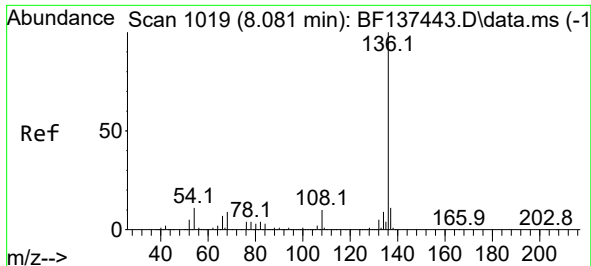
107 100

108 91.0 67.6 107.6

77 111.4 107.1 147.1

79 32.3 8.6 48.6

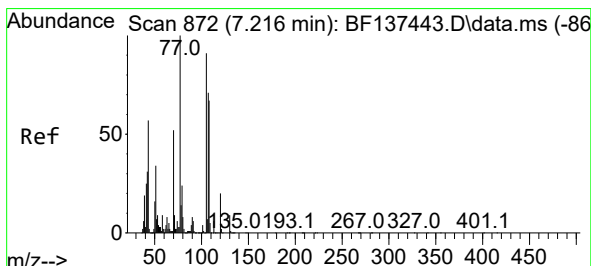
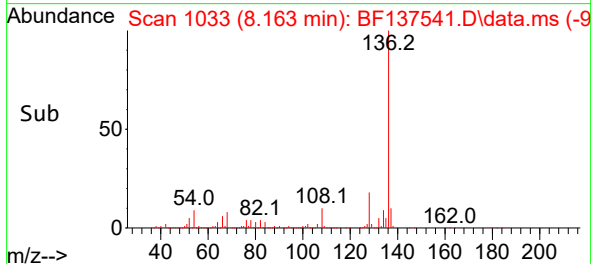
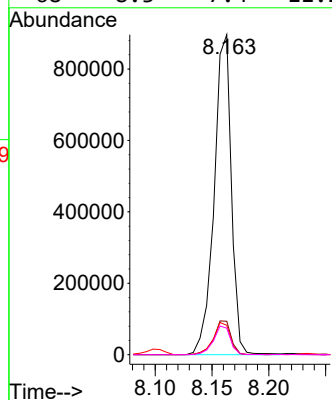
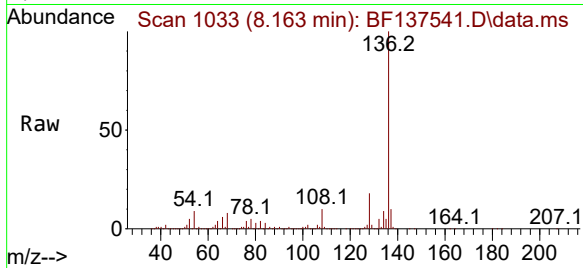




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1019  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

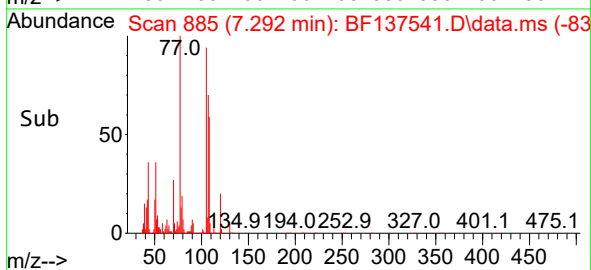
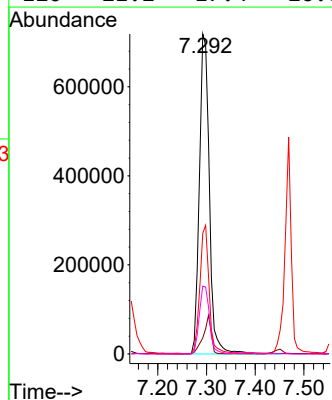
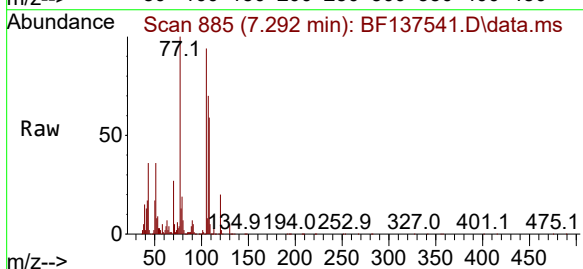
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

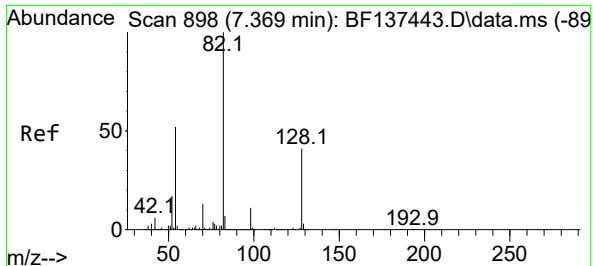
Tgt Ion:136 Resp: 944738  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.1 13.7  
54 9.2 8.5 12.7  
68 8.3 7.4 11.2



#22  
Acetophenone  
Concen: 44.973 ng  
RT: 7.292 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:105 Resp: 1028015  
Ion Ratio Lower Upper  
105 100  
71 5.0 7.7 11.5#  
51 37.7 30.4 45.6  
120 21.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.357 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

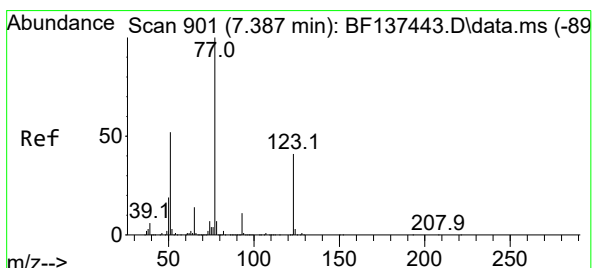
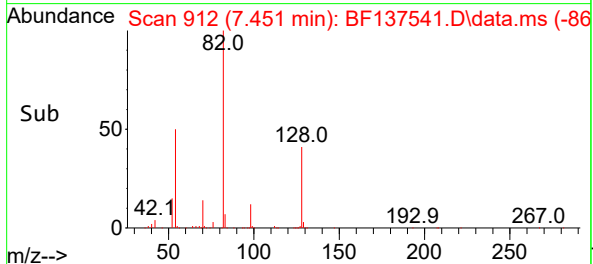
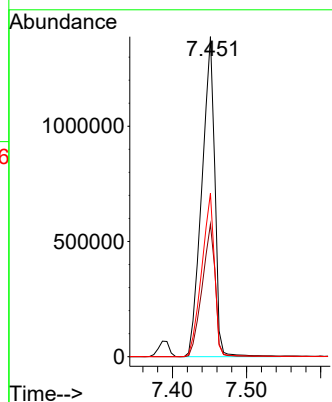
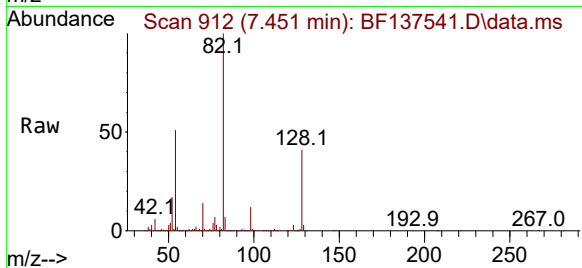
BNA\_F

ClientSampleId :

PB159511BS

Tgt Ion: 82 Resp: 1694874

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.4  | 32.5  | 48.7  |
| 54  | 51.1  | 41.5  | 62.3  |



#24

Nitrobenzene

Concen: 43.488 ng

RT: 7.469 min Scan# 915

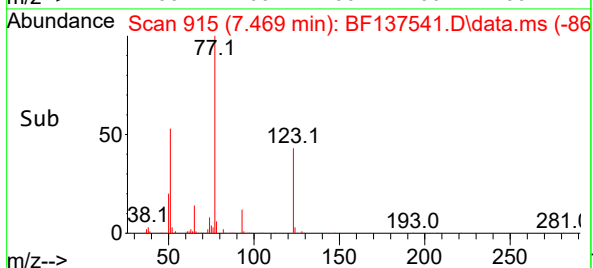
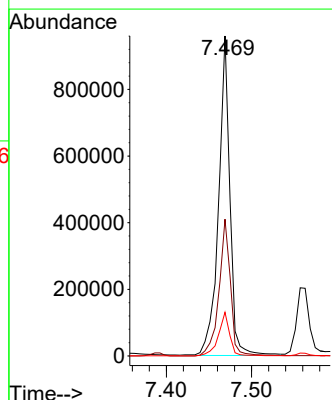
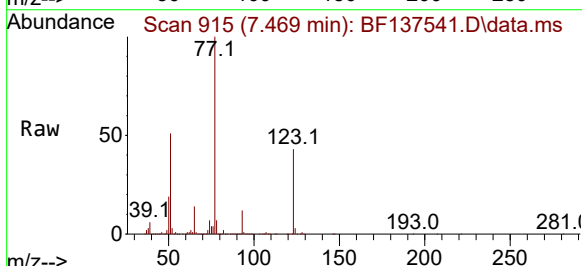
Delta R.T. -0.000 min

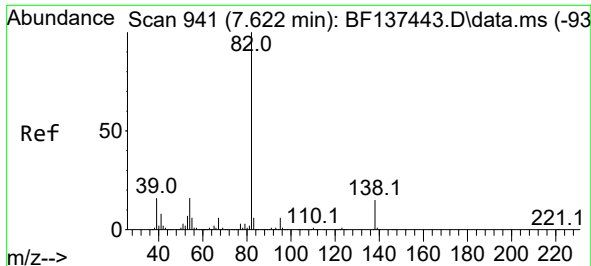
Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Tgt Ion: 77 Resp: 888260

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 42.8  | 33.0  | 49.6  |
| 65  | 13.6  | 10.9  | 16.3  |

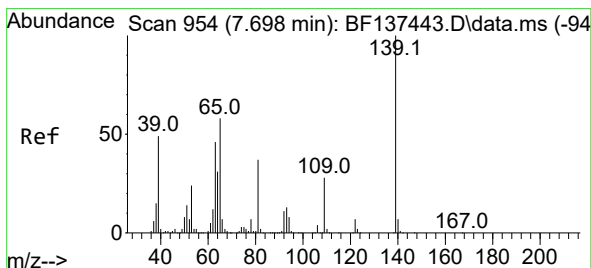
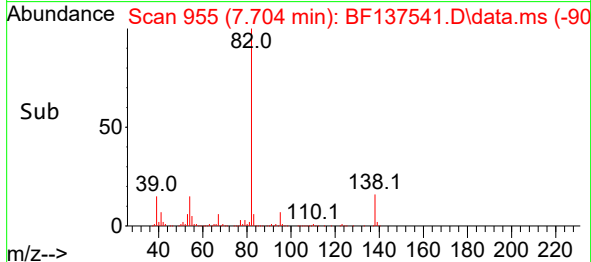
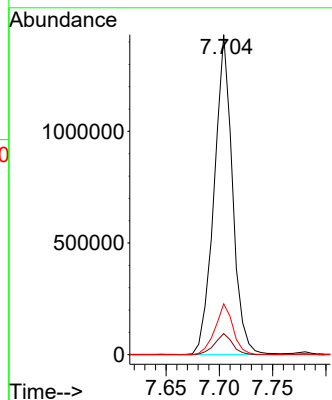
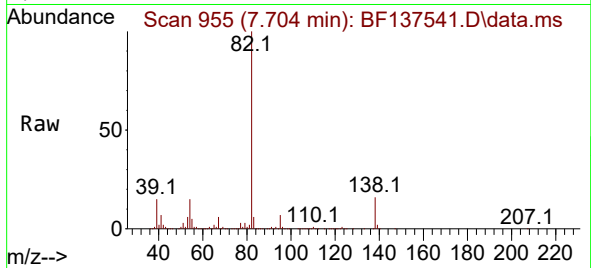




#25  
Isophorone  
Concen: 44.167 ng  
RT: 7.704 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

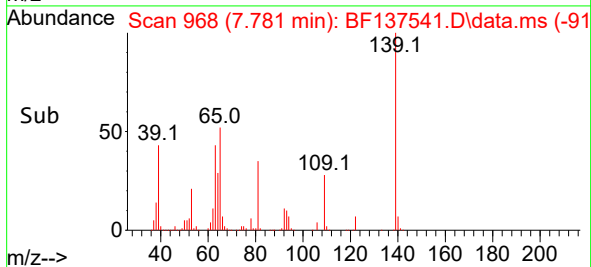
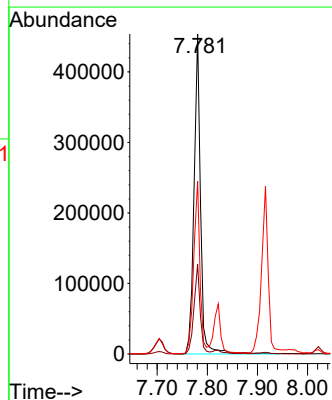
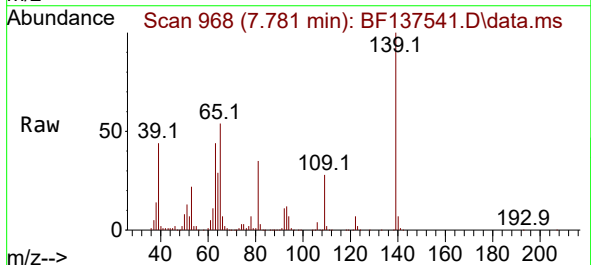
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

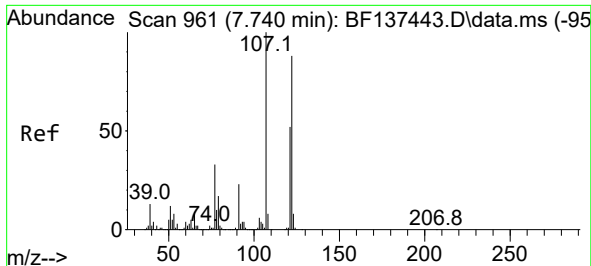
Tgt Ion: 82 Resp: 1706117  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 15.9 11.8 17.8



#26  
2-Nitrophenol  
Concen: 50.705 ng  
RT: 7.781 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:139 Resp: 411169  
Ion Ratio Lower Upper  
139 100  
109 28.1 22.2 33.4  
65 53.9 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 38.435 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

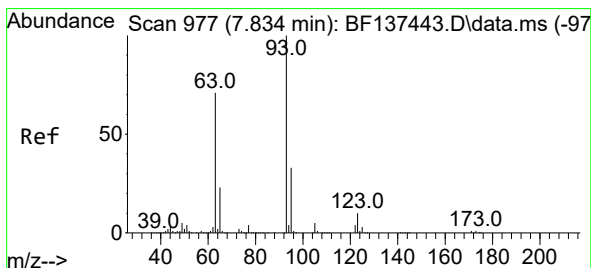
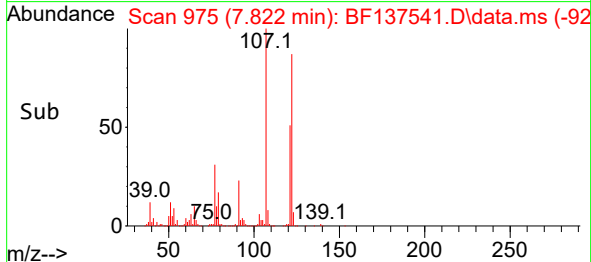
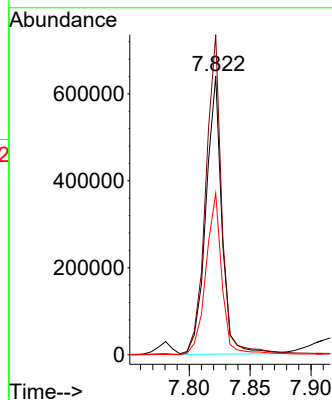
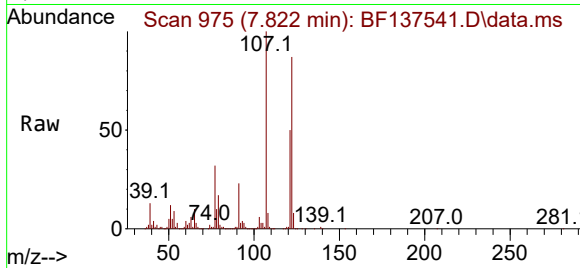
Tgt Ion:122 Resp: 582373

Ion Ratio Lower Upper

122 100

107 114.9 90.9 136.3

121 58.0 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.520 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

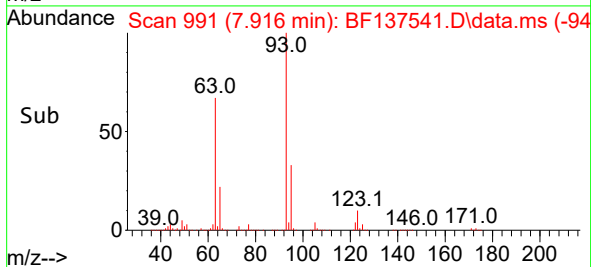
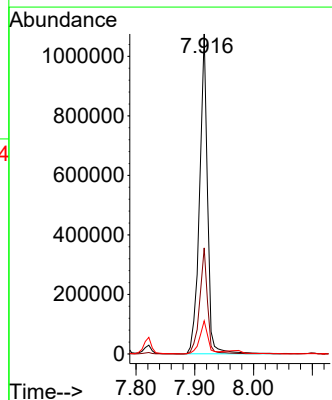
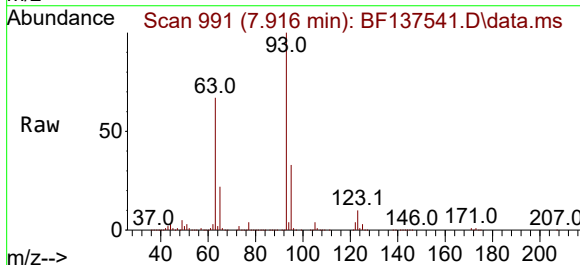
Tgt Ion: 93 Resp: 1009024

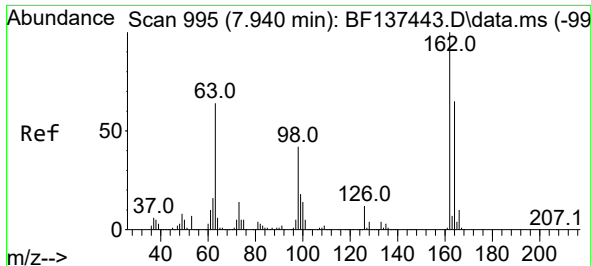
Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

123 10.4 8.0 12.0

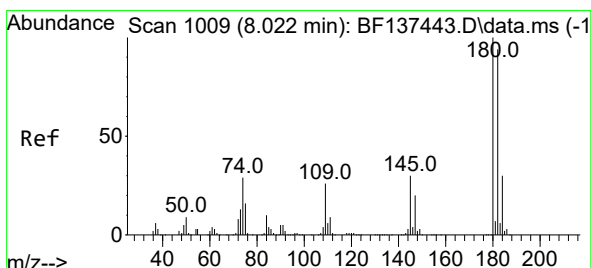
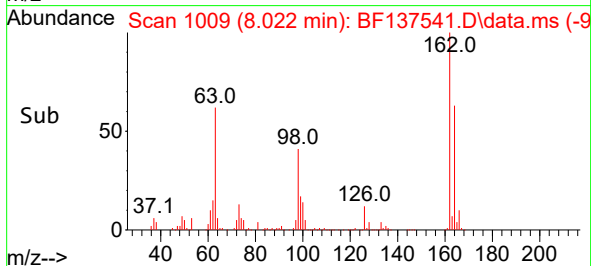
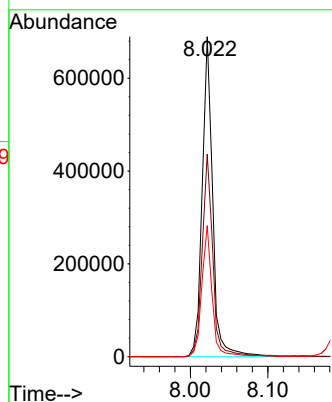
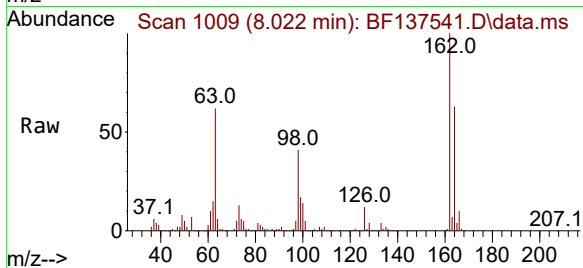




#29  
2,4-Dichlorophenol  
Concen: 46.629 ng  
RT: 8.022 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

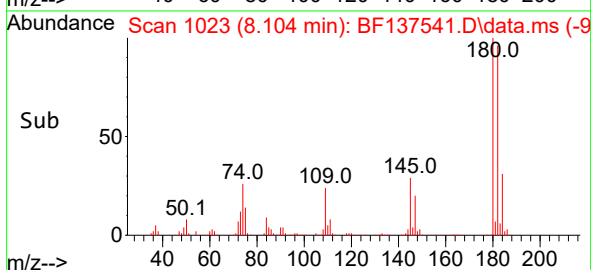
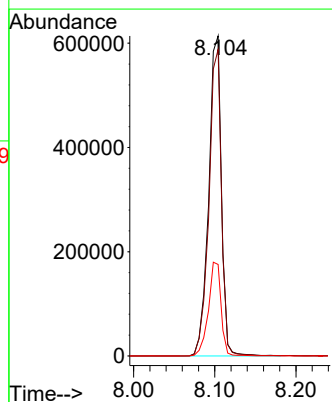
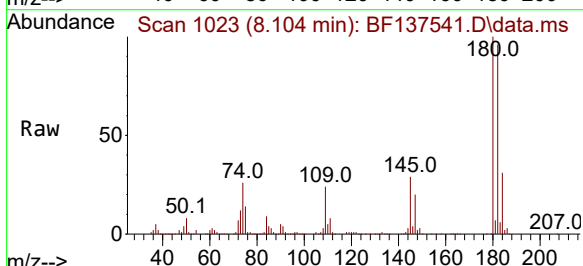
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

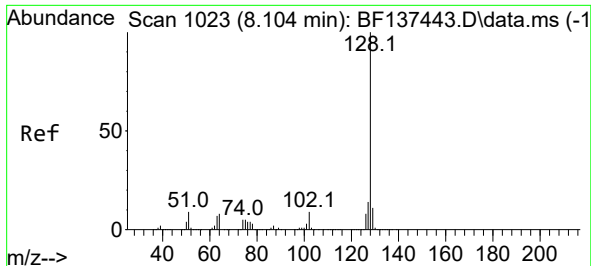
Tgt Ion:162 Resp: 648430  
Ion Ratio Lower Upper  
162 100  
164 63.3 44.7 84.7  
98 41.0 22.0 62.0



#30  
1,2,4-Trichlorobenzene  
Concen: 45.553 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:180 Resp: 666624  
Ion Ratio Lower Upper  
180 100  
182 95.8 75.0 112.6  
145 28.6 23.7 35.5

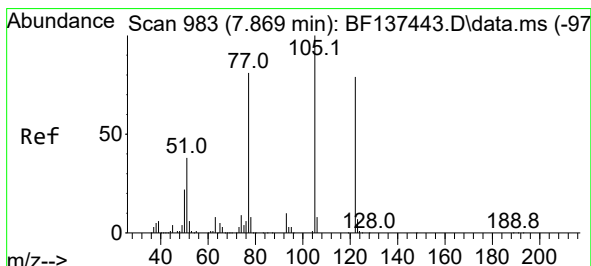
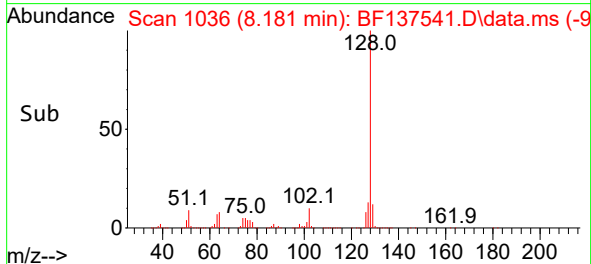
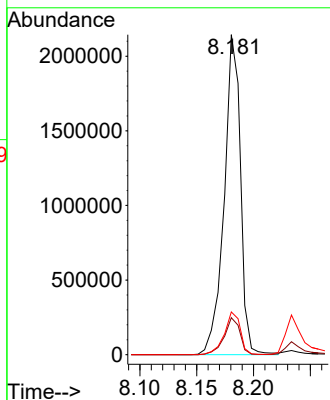
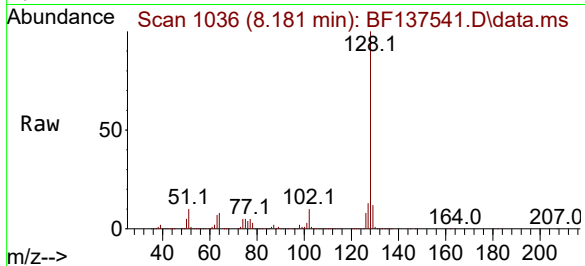




#31  
Naphthalene  
Concen: 42.330 ng  
RT: 8.181 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

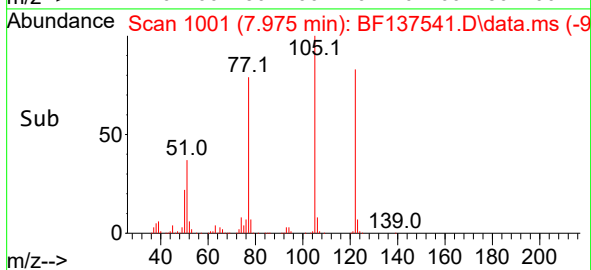
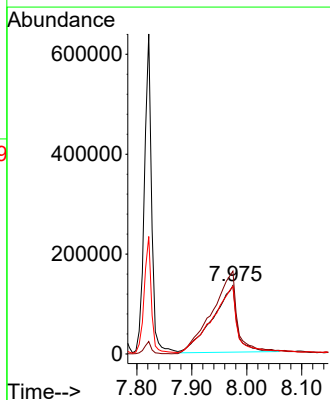
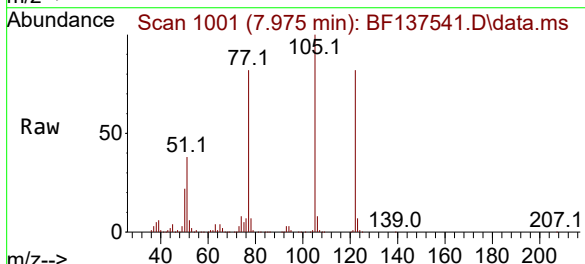
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

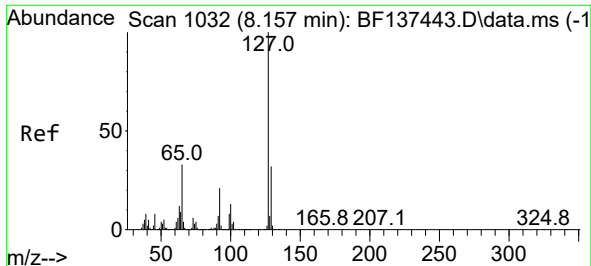
Tgt Ion:128 Resp: 2145666  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.2 13.8  
127 13.3 10.8 16.2



#32  
Benzoic acid  
Concen: 47.673 ng  
RT: 7.975 min Scan# 1001  
Delta R.T. 0.018 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:122 Resp: 415556  
Ion Ratio Lower Upper  
122 100  
105 121.4 102.4 142.4  
77 99.1 81.1 121.1

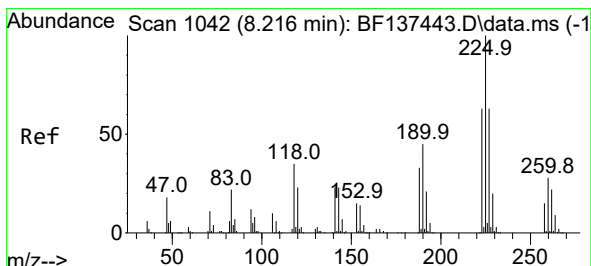
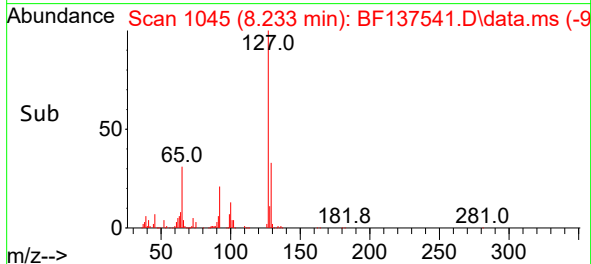
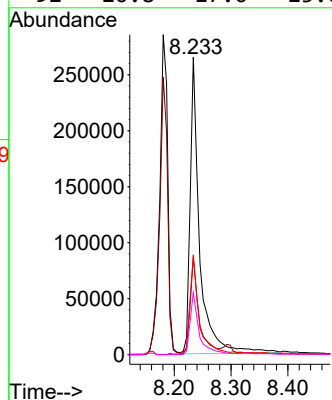
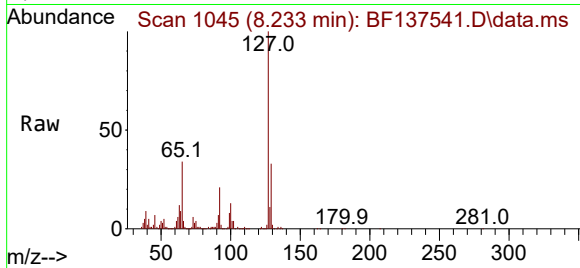




#33  
4-Chloroaniline  
Concen: 15.449 ng  
RT: 8.233 min Scan# 1045  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

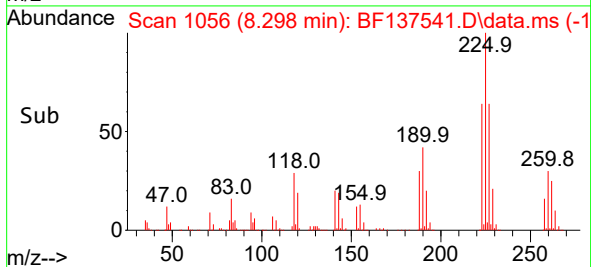
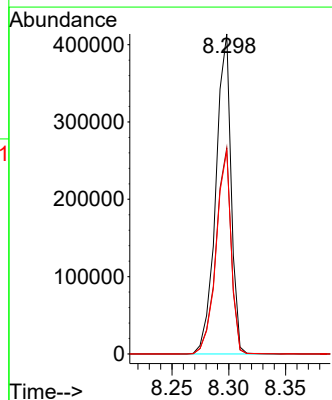
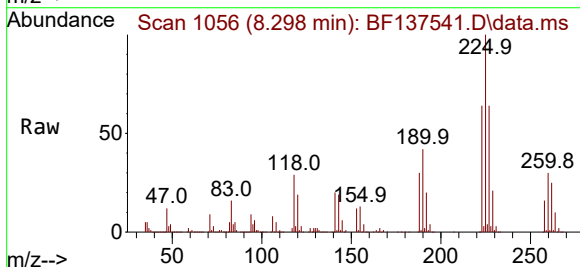
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

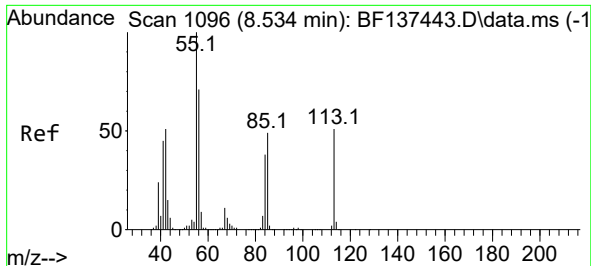
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 307061 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.0  | 39.0   |
| 65       | 33.6  | 26.8  | 40.2   |
| 92       | 20.8  | 17.0  | 25.6   |



#34  
Hexachlorobutadiene  
Concen: 44.788 ng  
RT: 8.298 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 386951 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 50.7  | 76.1   |
| 227      | 63.6  | 50.6  | 75.8   |

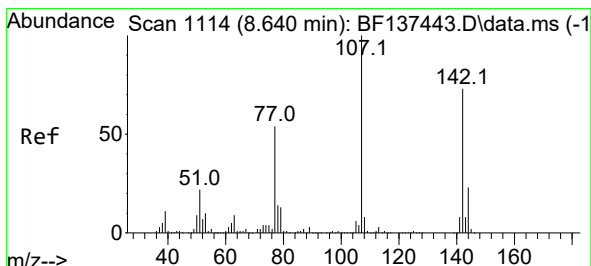
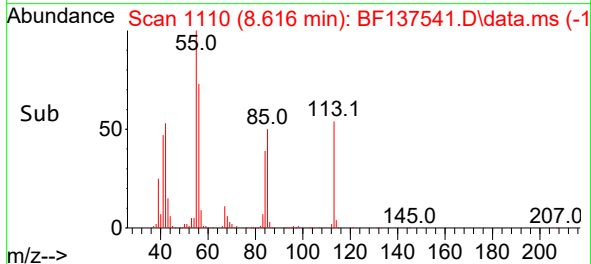
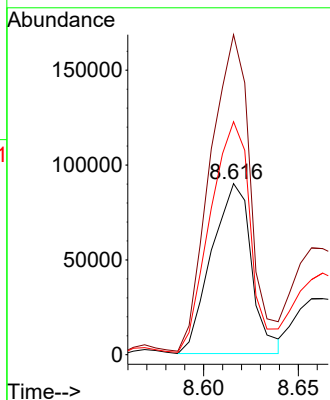
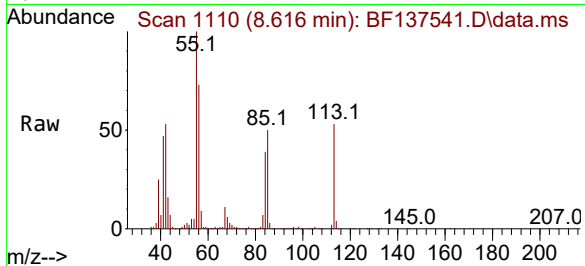




#35  
Caprolactam  
Concen: 27.967 ng  
RT: 8.616 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

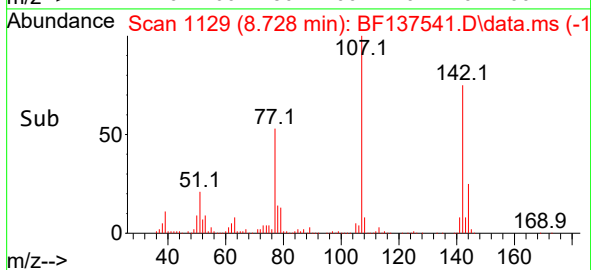
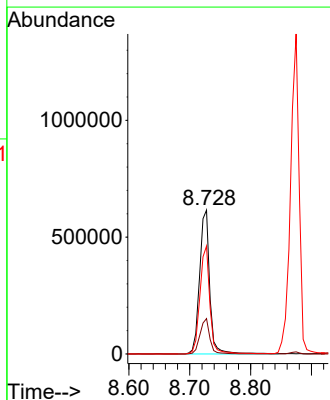
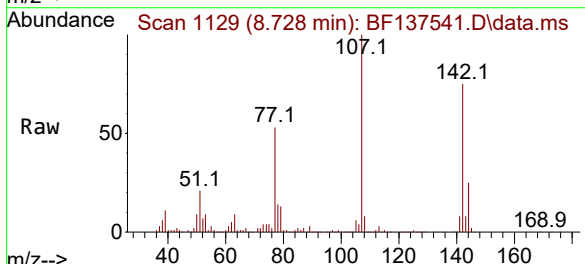
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

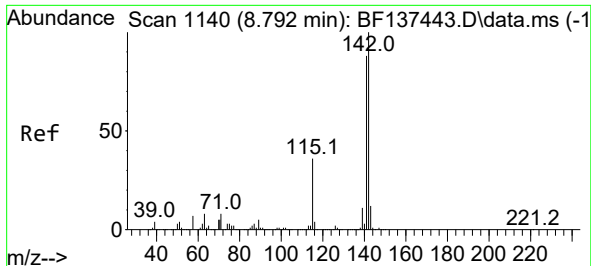
Tgt Ion:113 Resp: 131875  
Ion Ratio Lower Upper  
113 100  
55 187.1 176.7 216.7  
56 136.2 120.6 160.6



#36  
4-Chloro-3-methylphenol  
Concen: 45.805 ng  
RT: 8.728 min Scan# 1129  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:107 Resp: 712001  
Ion Ratio Lower Upper  
107 100  
144 24.6 18.7 28.1  
142 75.0 58.2 87.2

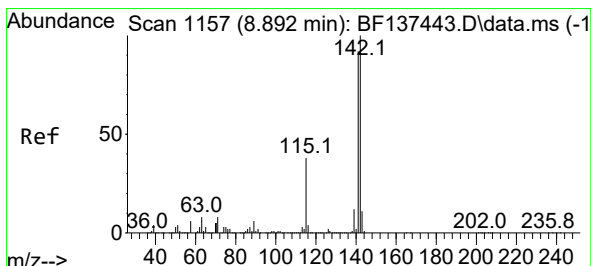
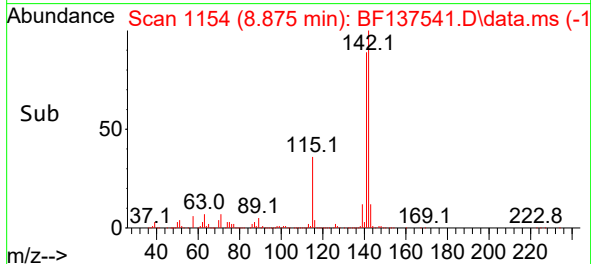
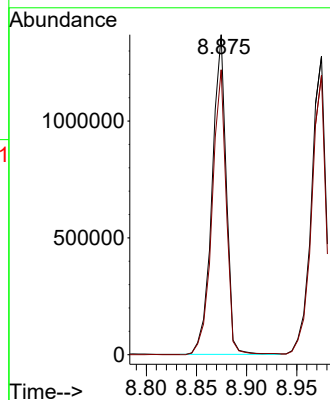
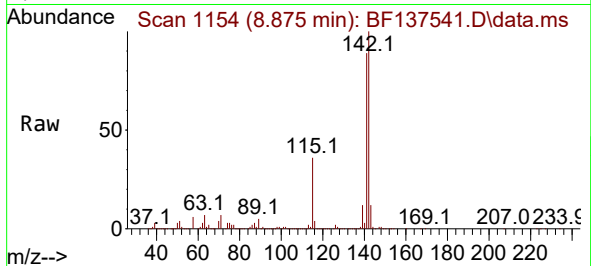




#37  
2-Methylnaphthalene  
Concen: 41.781 ng  
RT: 8.875 min Scan# 1114  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

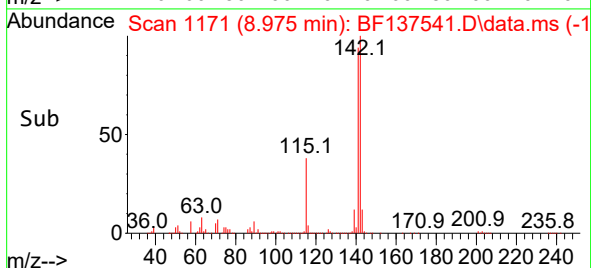
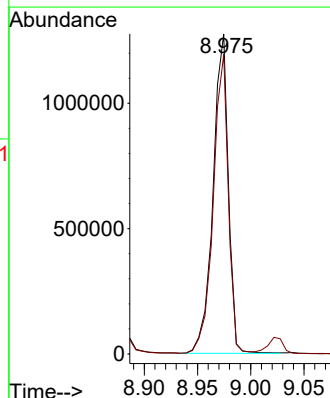
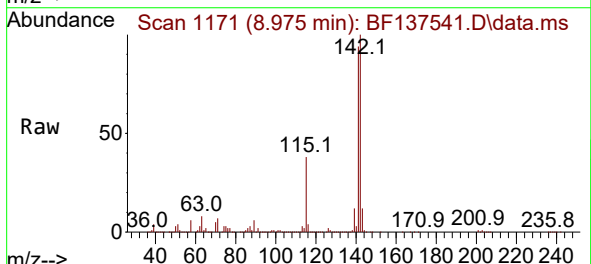
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

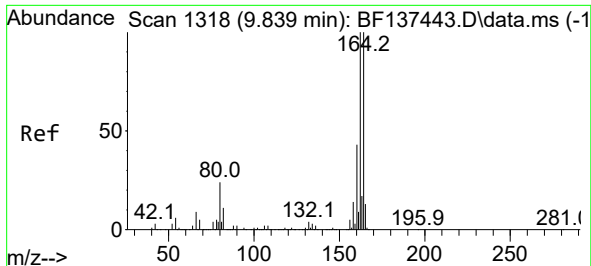
Tgt Ion:142 Resp: 1350098  
Ion Ratio Lower Upper  
142 100  
141 89.0 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 41.726 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:142 Resp: 1269746  
Ion Ratio Lower Upper  
142 100  
141 93.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

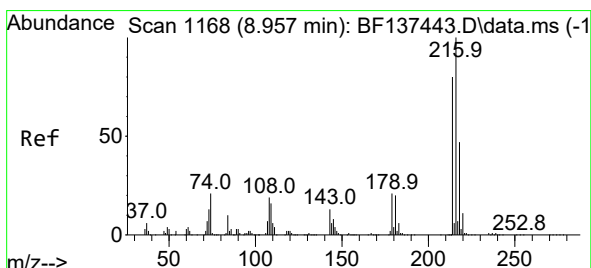
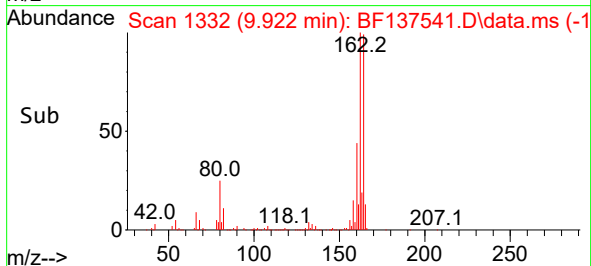
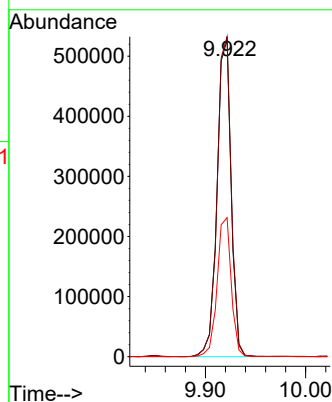
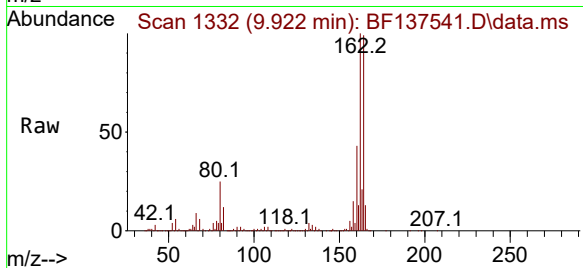
Tgt Ion:164 Resp: 513530

Ion Ratio Lower Upper

164 100

162 100.9 79.8 119.8

160 43.9 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.833 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Tgt Ion:216 Resp: 657078

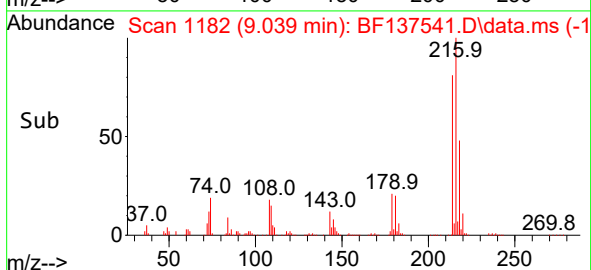
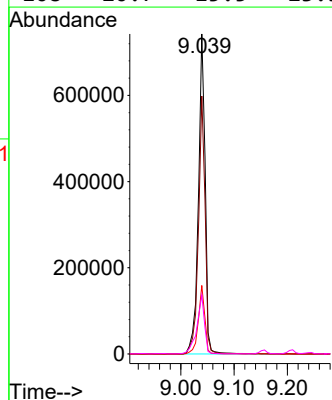
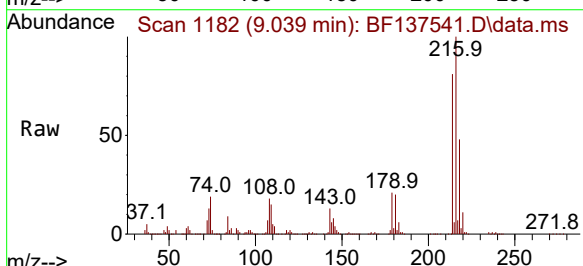
Ion Ratio Lower Upper

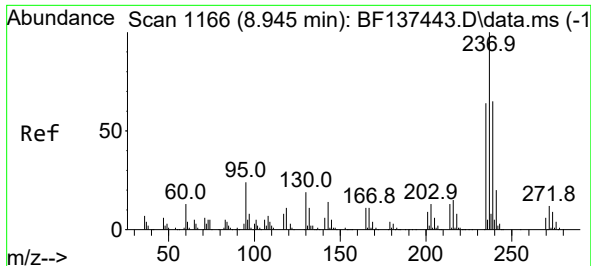
216 100

214 79.5 63.5 95.3

179 20.6 16.6 25.0

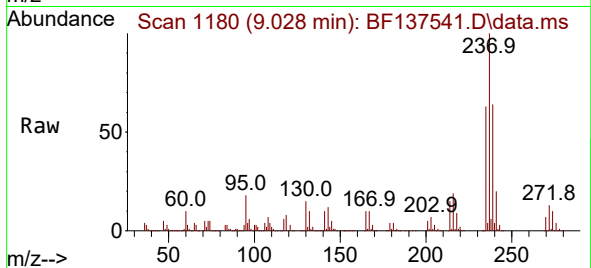
108 20.7 15.5 23.3



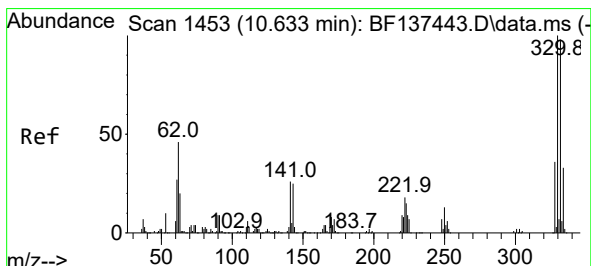
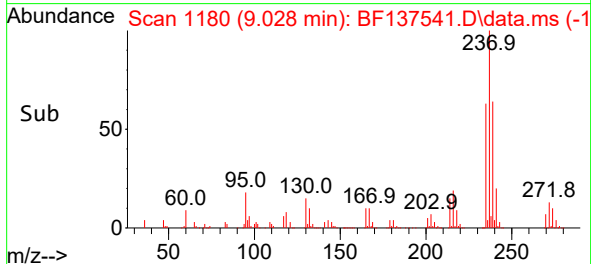
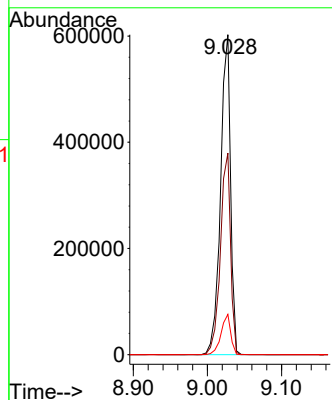


#41  
Hexachlorocyclopentadiene  
Concen: 94.944 ng  
RT: 9.028 min Scan# 1166  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

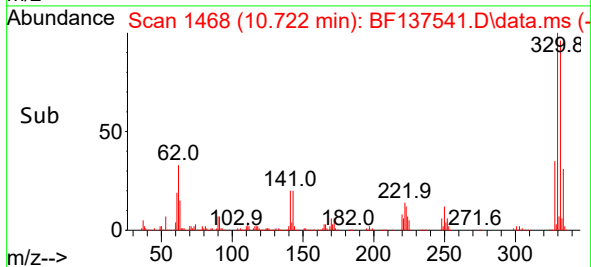
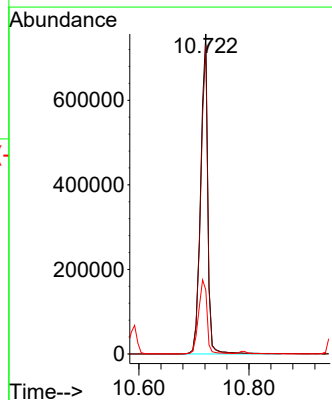
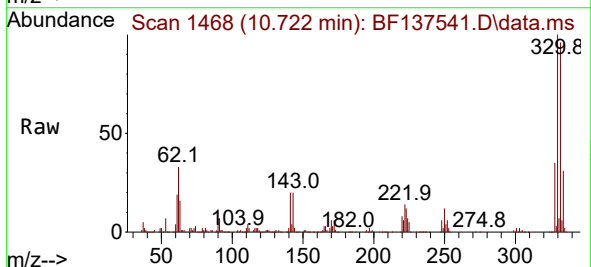


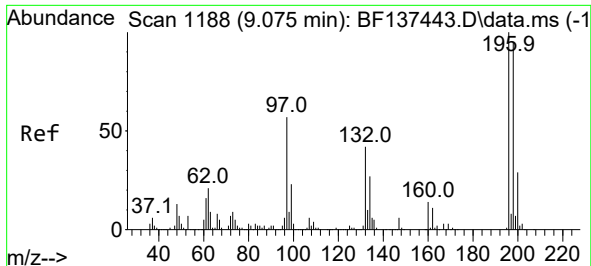
Tgt Ion:237 Resp: 565527  
Ion Ratio Lower Upper  
237 100  
235 63.0 43.6 83.6  
272 12.6 0.0 31.9



#42  
2,4,6-Tribromophenol  
Concen: 151.577 ng  
RT: 10.722 min Scan# 1468  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:330 Resp: 683564  
Ion Ratio Lower Upper  
330 100  
332 95.9 78.0 117.0  
141 27.3 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 48.961 ng

RT: 9.157 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

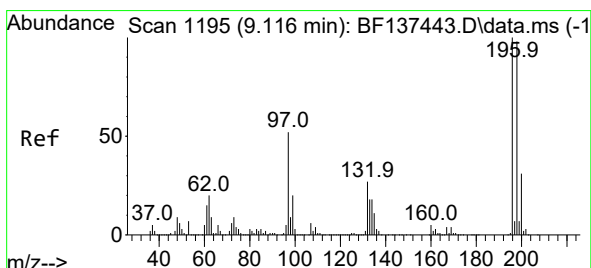
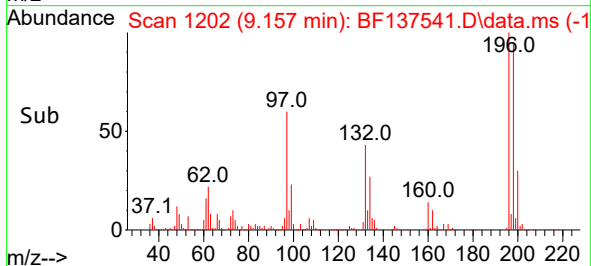
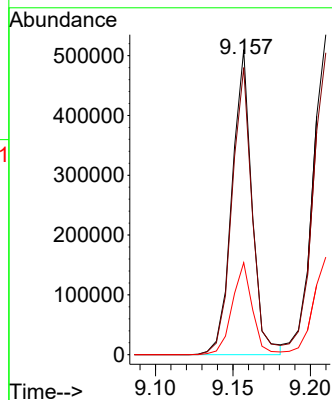
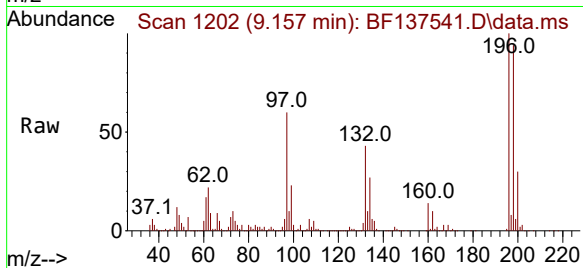
Tgt Ion:196 Resp: 457101

Ion Ratio Lower Upper

196 100

198 94.1 75.8 113.8

200 30.1 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 45.363 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.018 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Tgt Ion:196 Resp: 487863

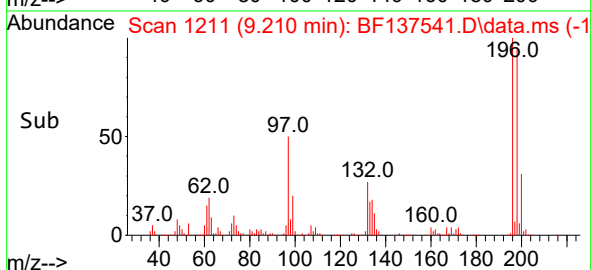
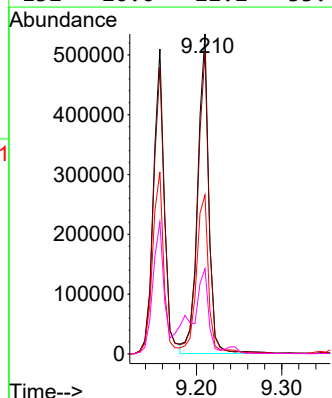
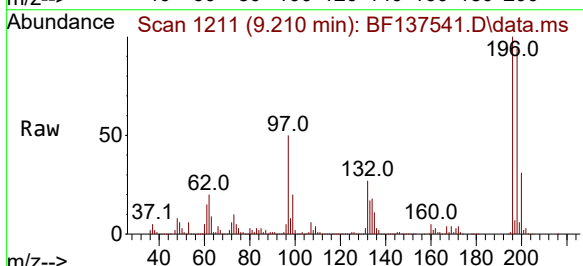
Ion Ratio Lower Upper

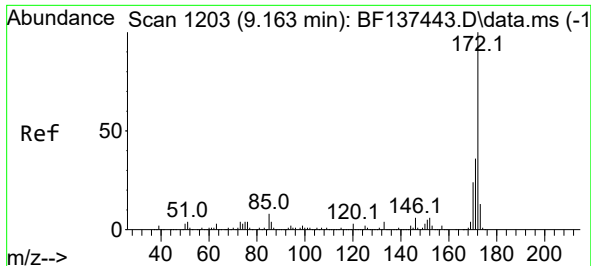
196 100

198 94.3 78.6 117.8

97 49.7 41.8 62.8

132 26.6 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 81.568 ng

RT: 9.245 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

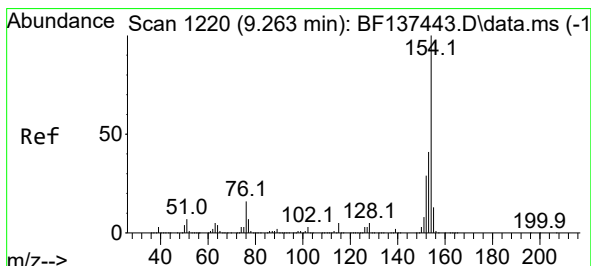
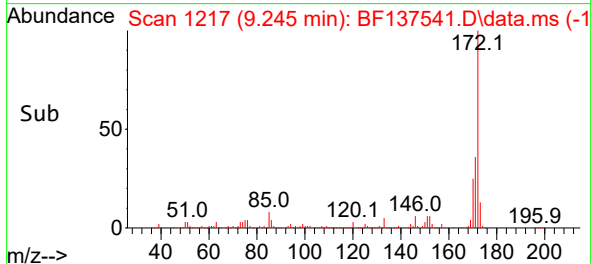
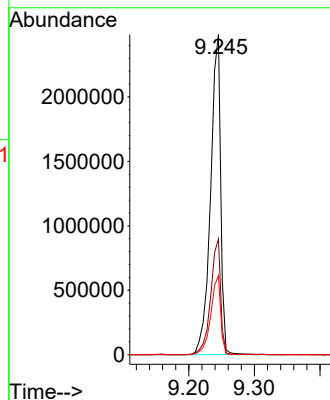
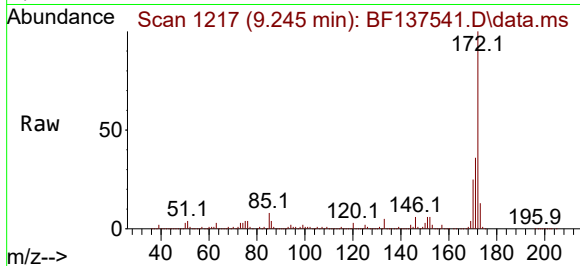
Tgt Ion:172 Resp: 2675904

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 44.002 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

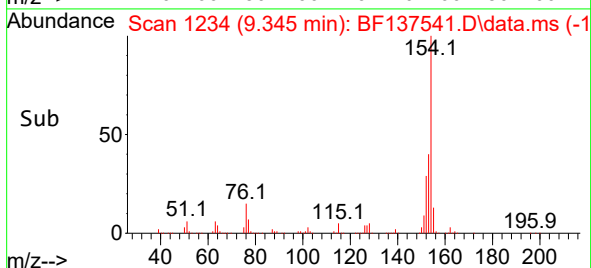
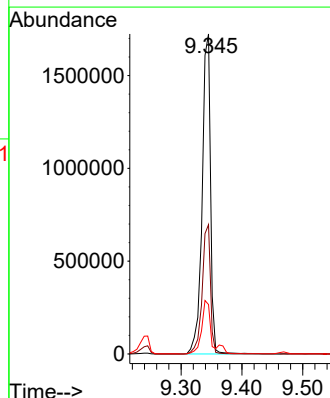
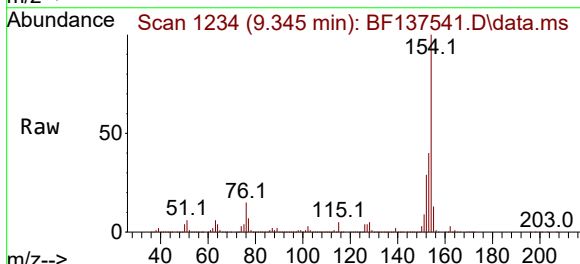
Tgt Ion:154 Resp: 1653845

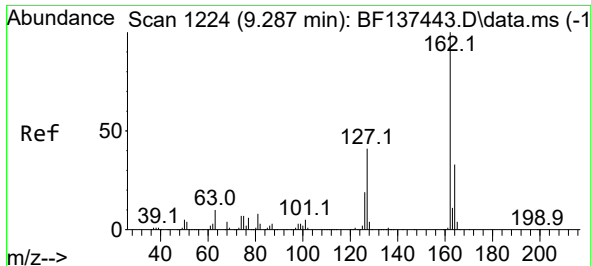
Ion Ratio Lower Upper

154 100

153 40.4 21.0 61.0

76 15.4 0.0 35.8

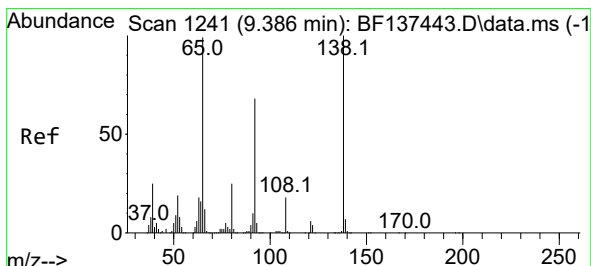
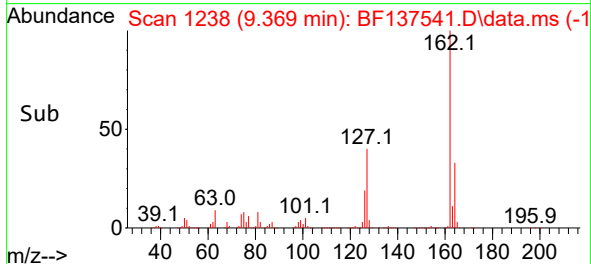
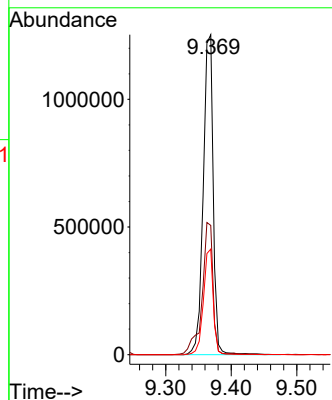
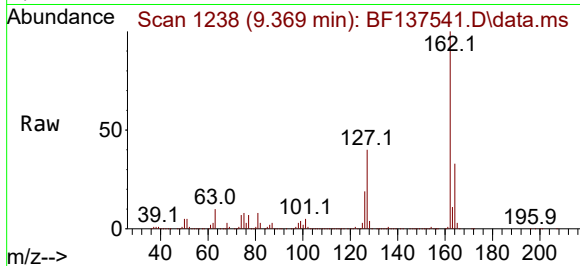




#47  
2-Chloronaphthalene  
Concen: 46.445 ng  
RT: 9.369 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

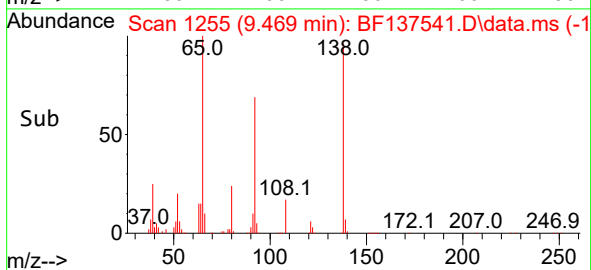
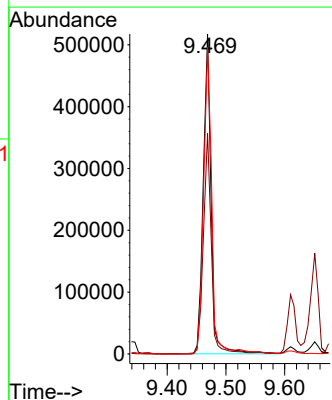
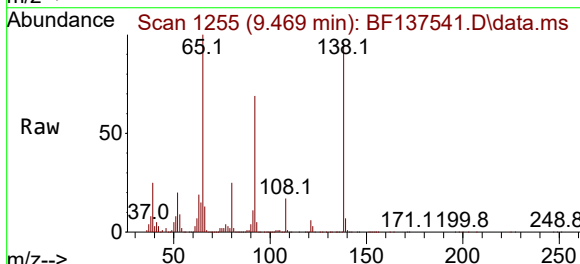
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

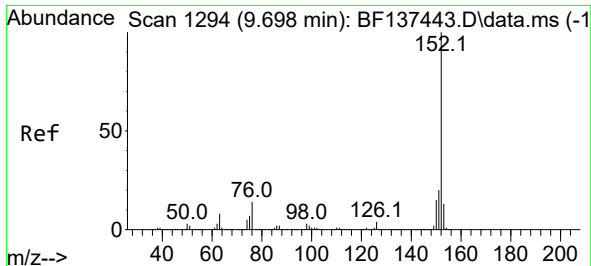
Tgt Ion:162 Resp: 1330945  
Ion Ratio Lower Upper  
162 100  
127 40.4 32.6 49.0  
164 33.0 26.5 39.7



#48  
2-Nitroaniline  
Concen: 49.517 ng  
RT: 9.469 min Scan# 1255  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion: 65 Resp: 482295  
Ion Ratio Lower Upper  
65 100  
92 69.0 55.4 83.2  
138 95.8 81.0 121.6

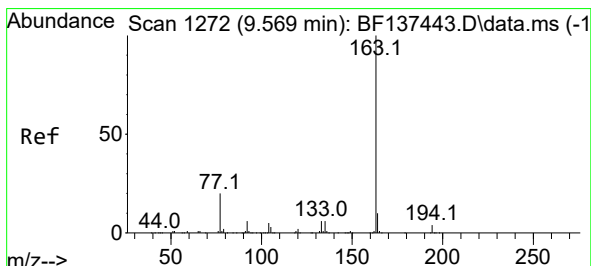
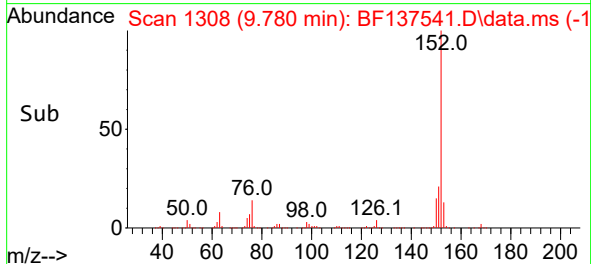
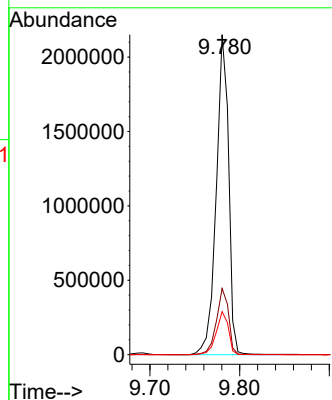
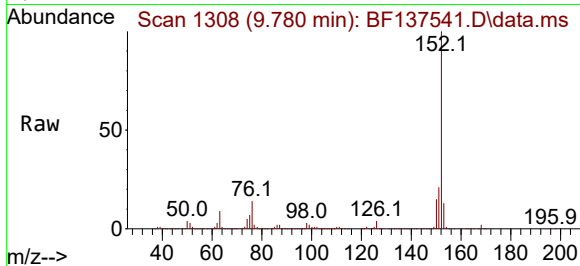




#49  
Acenaphthylene  
Concen: 44.890 ng  
RT: 9.780 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

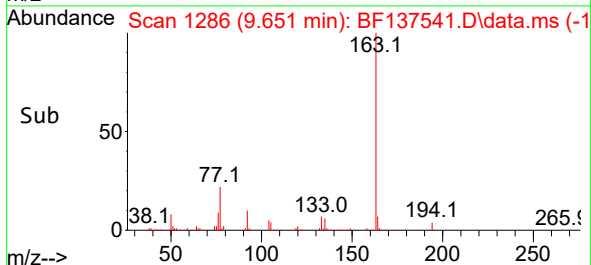
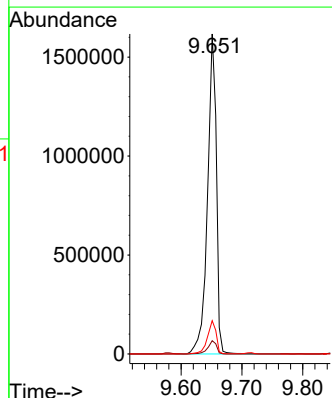
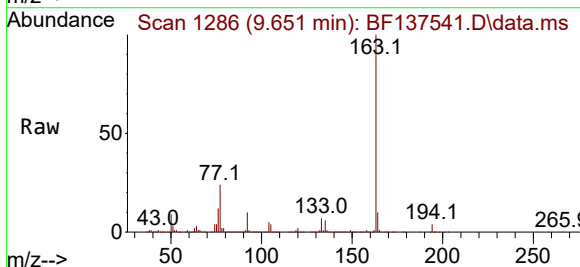
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BNA\_F  
ClientSampleId :  
PB159511BS

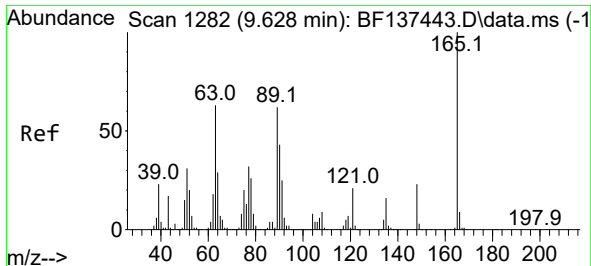
Tgt Ion:152 Resp: 2058638  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.2 24.4  
153 13.5 10.8 16.2



#50  
Dimethylphthalate  
Concen: 45.747 ng  
RT: 9.651 min Scan# 1286  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:163 Resp: 1635353  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.4 8.1 12.1

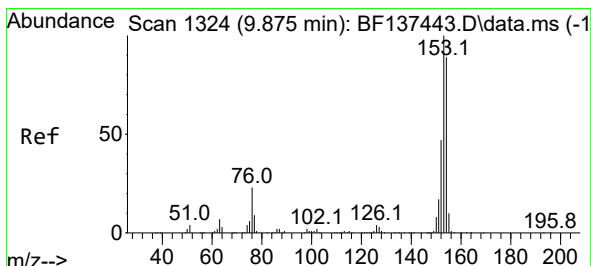
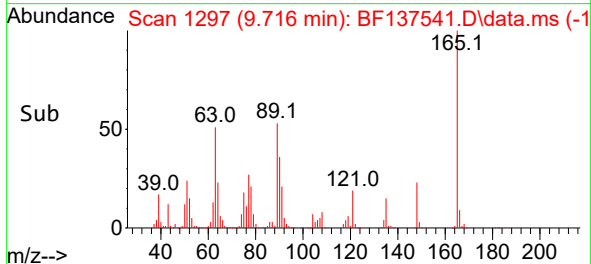
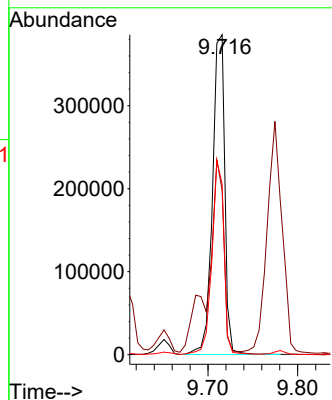
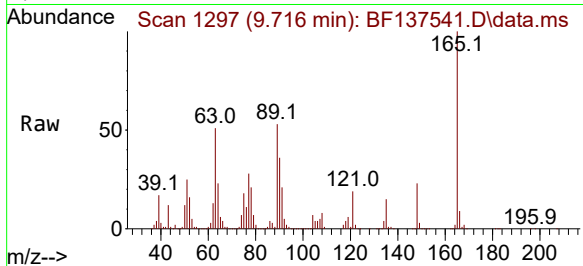




#51  
2,6-Dinitrotoluene  
Concen: 49.185 ng  
RT: 9.716 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

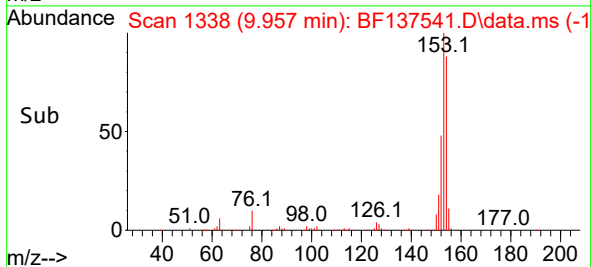
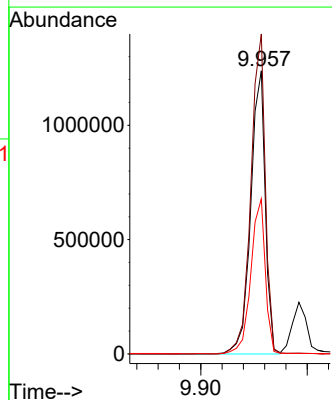
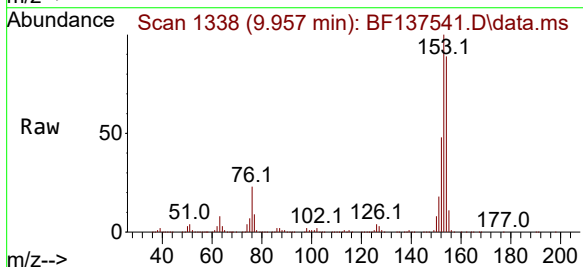
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

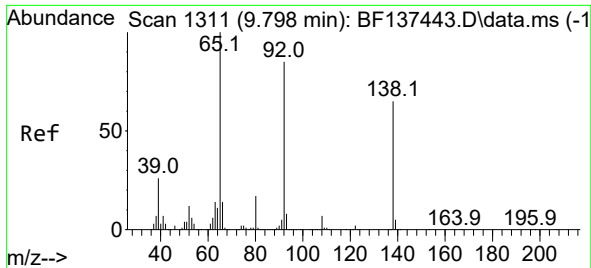
Tgt Ion:165 Resp: 367755  
Ion Ratio Lower Upper  
165 100  
63 51.4 50.7 76.1  
89 53.2 50.0 75.0



#52  
Acenaphthene  
Concen: 42.898 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:154 Resp: 1174485  
Ion Ratio Lower Upper  
154 100  
153 113.0 90.3 135.5  
152 54.8 42.7 64.1

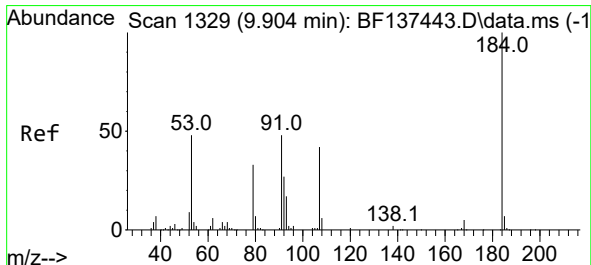
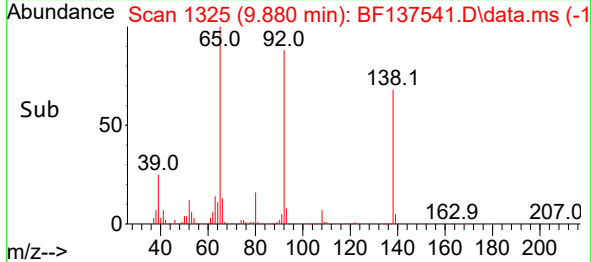
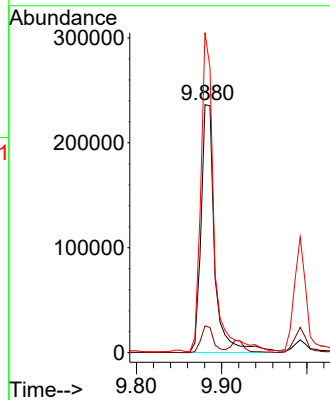
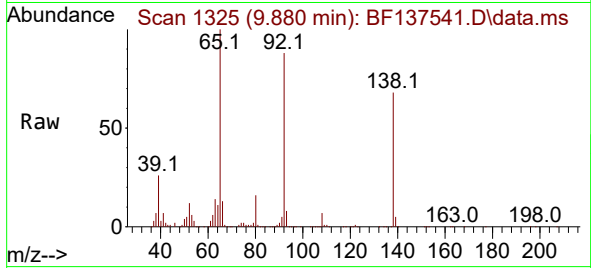




#53  
3-Nitroaniline  
Concen: 33.301 ng  
RT: 9.880 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

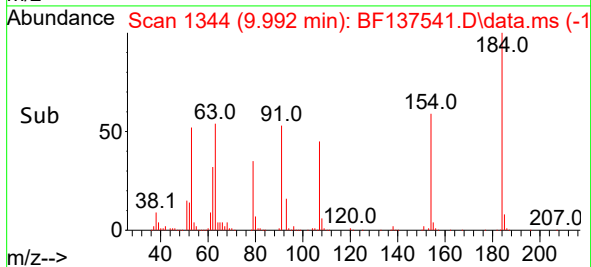
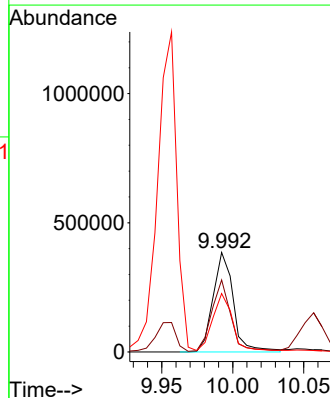
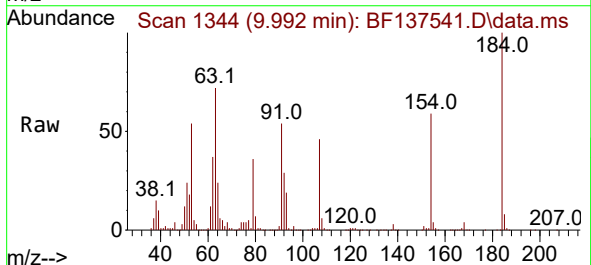
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

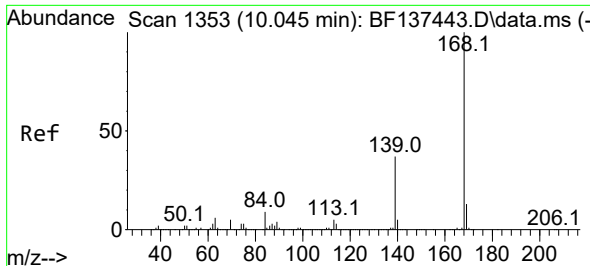
Tgt Ion:138 Resp: 263371  
Ion Ratio Lower Upper  
138 100  
108 10.8 9.1 13.7  
92 129.1 104.6 157.0



#54  
2,4-Dinitrophenol  
Concen: 102.287 ng  
RT: 9.992 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:184 Resp: 382343  
Ion Ratio Lower Upper  
184 100  
63 72.4 53.3 79.9  
154 58.7 47.4 71.0

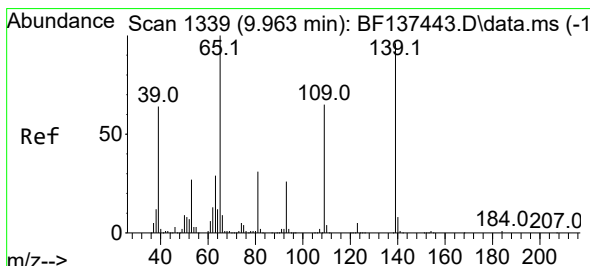
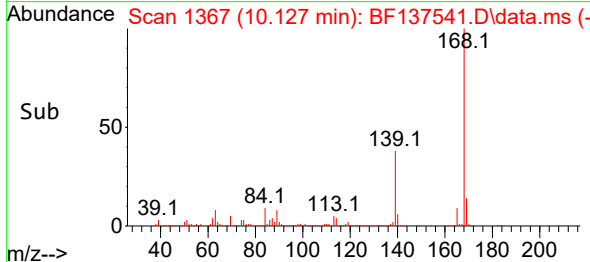
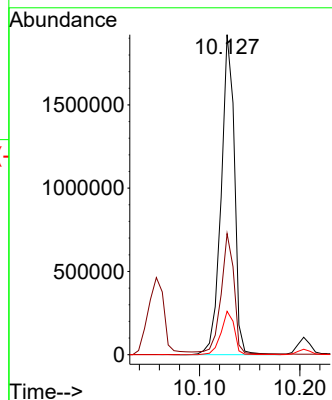
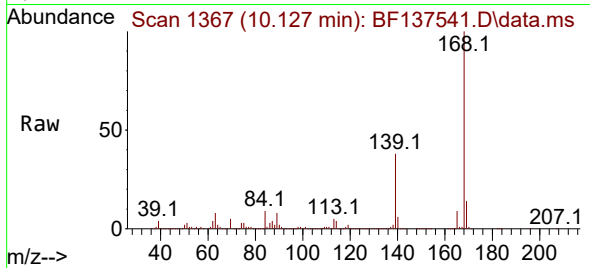




#55  
Dibenzenofuran  
Concen: 42.298 ng  
RT: 10.127 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

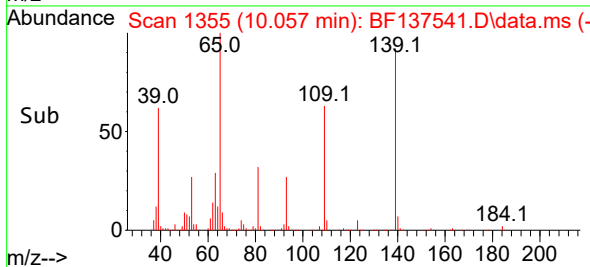
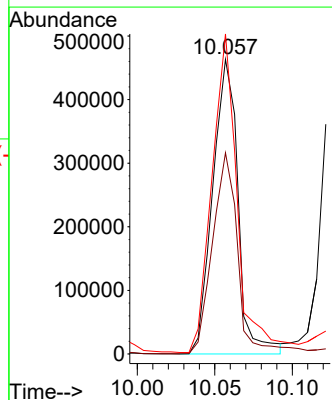
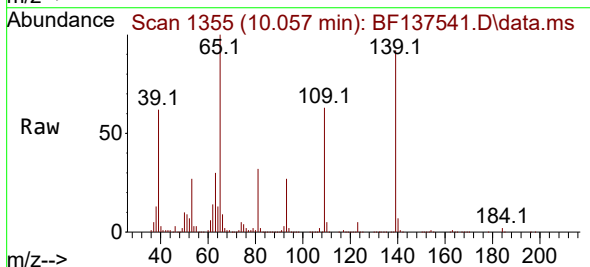
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

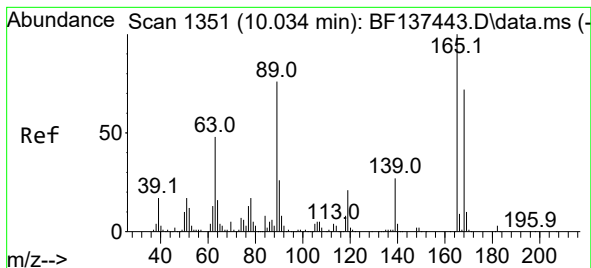
Tgt Ion:168 Resp: 1763793  
Ion Ratio Lower Upper  
168 100  
139 37.9 29.8 44.6  
169 13.6 10.8 16.2



#56  
4-Nitrophenol  
Concen: 92.732 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. 0.012 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:139 Resp: 526070  
Ion Ratio Lower Upper  
139 100  
109 68.3 47.1 87.1  
65 108.6 85.1 125.1

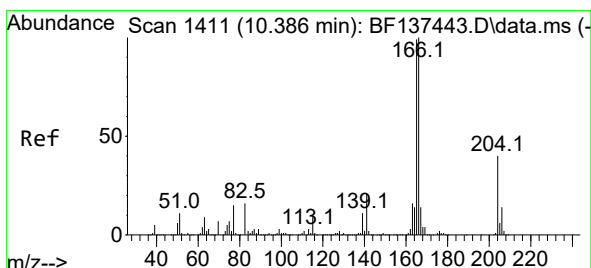
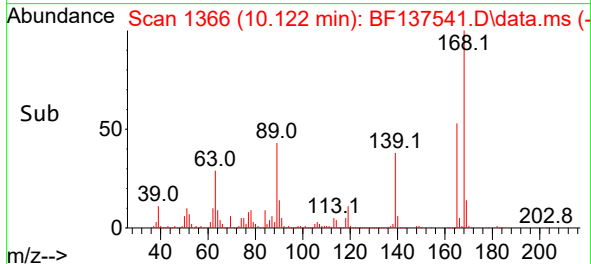
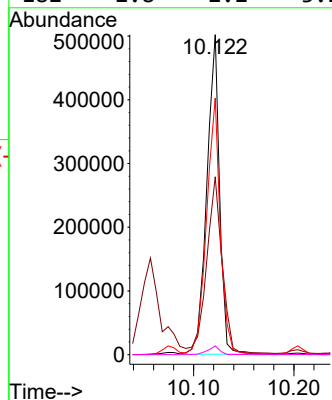
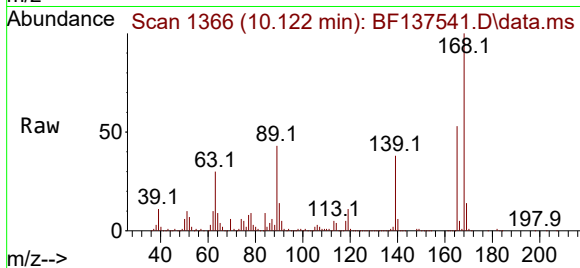




#57  
2,4-Dinitrotoluene  
Concen: 48.278 ng  
RT: 10.122 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

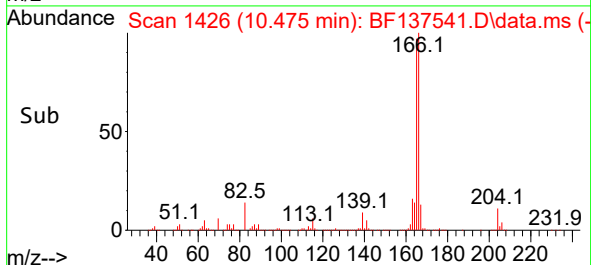
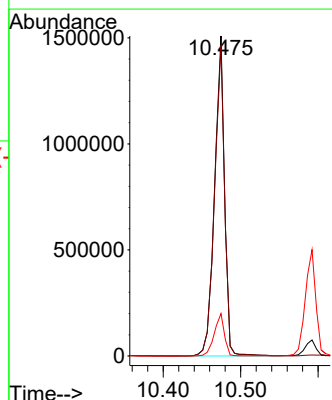
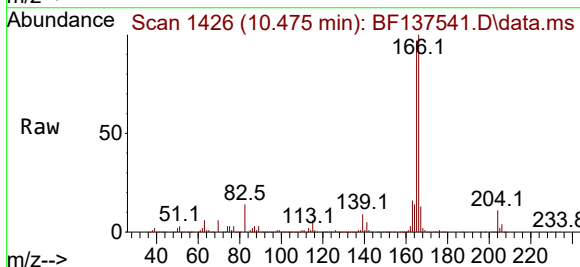
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

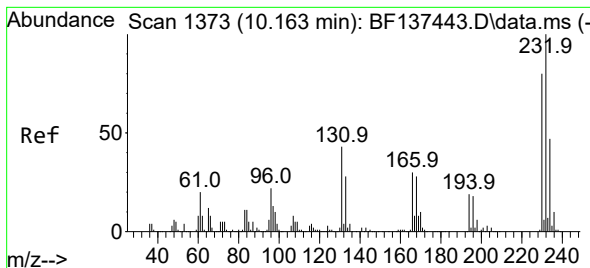
Tgt Ion:165 Resp: 443479  
Ion Ratio Lower Upper  
165 100  
63 55.6 39.0 58.6  
89 80.2 60.9 91.3  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 42.162 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:166 Resp: 1350211  
Ion Ratio Lower Upper  
166 100  
165 97.0 79.2 118.8  
167 13.3 11.0 16.6

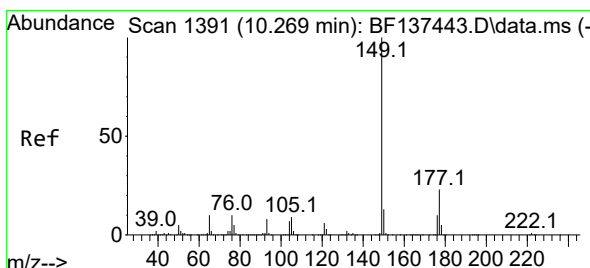
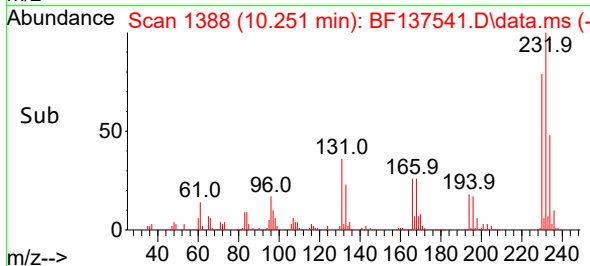
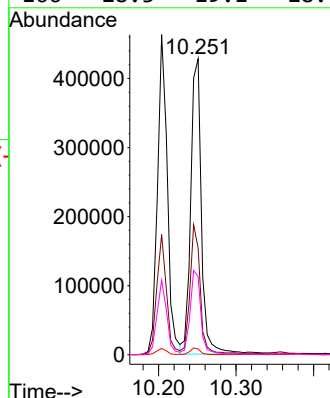
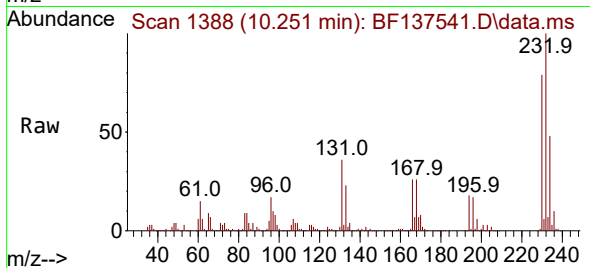




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.753 ng  
RT: 10.251 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

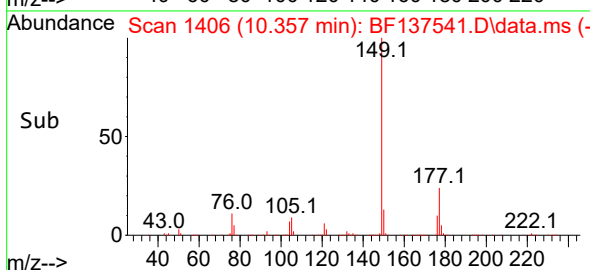
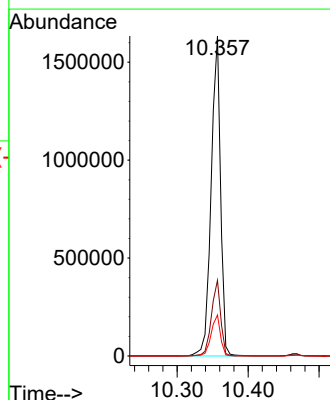
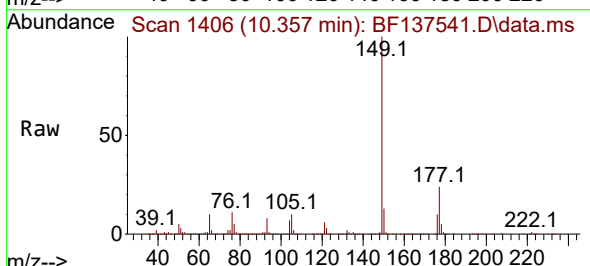
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

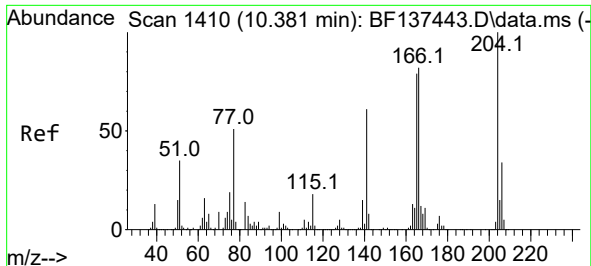
Tgt Ion:232 Resp: 411831  
Ion Ratio Lower Upper  
232 100  
131 42.7 31.2 46.8  
130 2.2 1.8 2.6  
166 28.3 19.1 28.7



#60  
Diethylphthalate  
Concen: 44.633 ng  
RT: 10.357 min Scan# 1406  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:149 Resp: 1506681  
Ion Ratio Lower Upper  
149 100  
177 23.7 18.7 28.1  
150 12.8 10.2 15.4

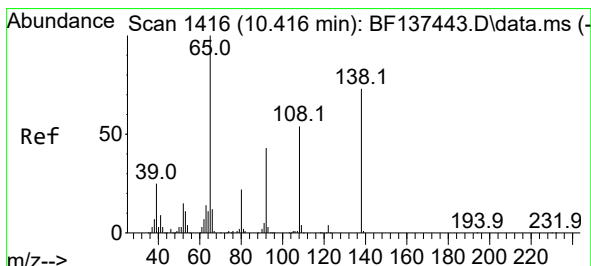
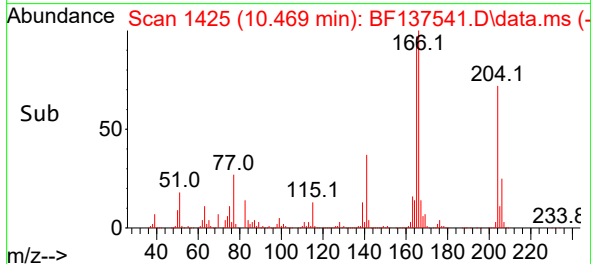
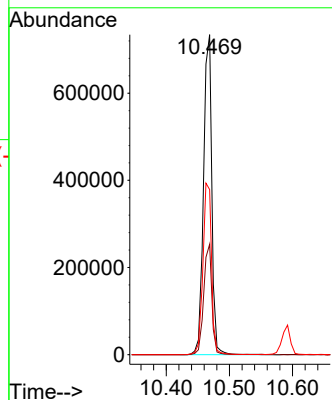
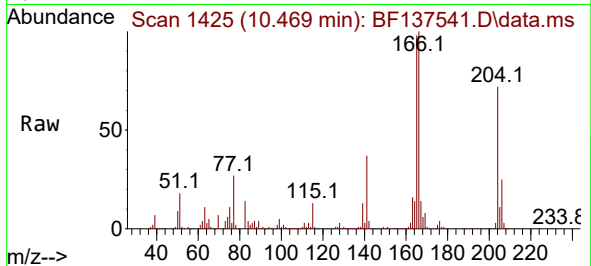




#61  
4-Chlorophenyl-phenylether  
Concen: 42.530 ng  
RT: 10.469 min Scan# 1410  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

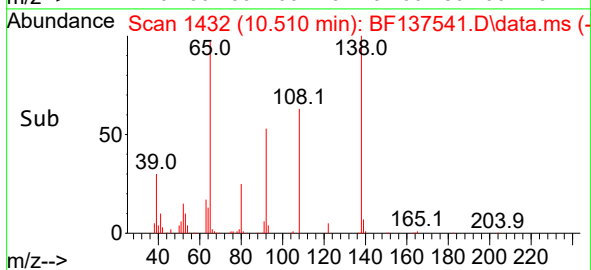
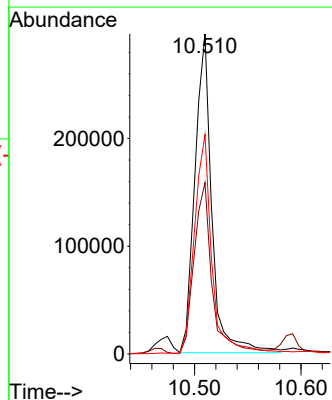
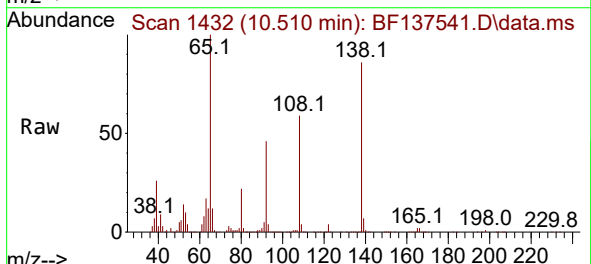
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

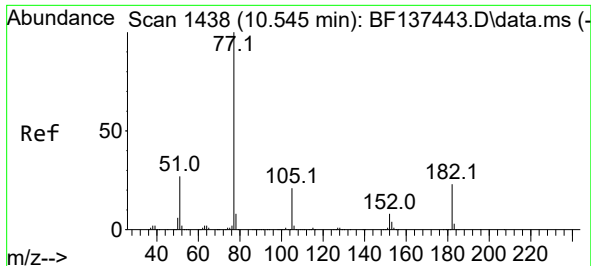
Tgt Ion:204 Resp: 667515  
Ion Ratio Lower Upper  
204 100  
206 34.5 27.4 41.0  
141 51.6 48.4 72.6



#62  
4-Nitroaniline  
Concen: 48.299 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:138 Resp: 328309  
Ion Ratio Lower Upper  
138 100  
92 53.5 37.9 77.9  
108 68.5 53.2 93.2



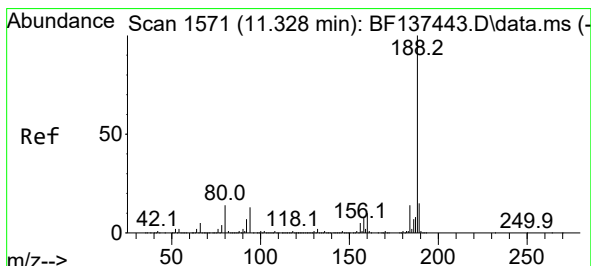
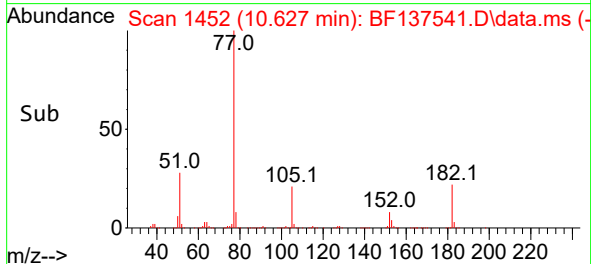
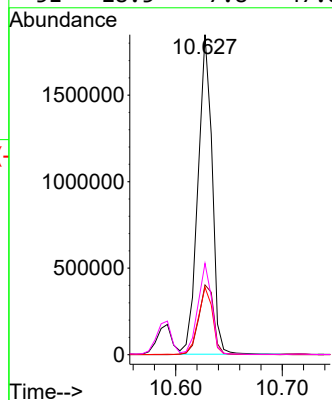
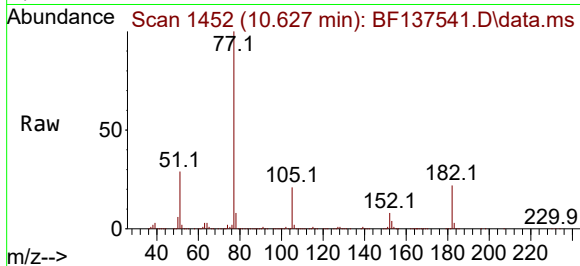


#63  
Azobenzene  
Concen: 43.886 ng  
RT: 10.627 min Scan# 1438  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

Tgt Ion: 77 Resp: 1705902

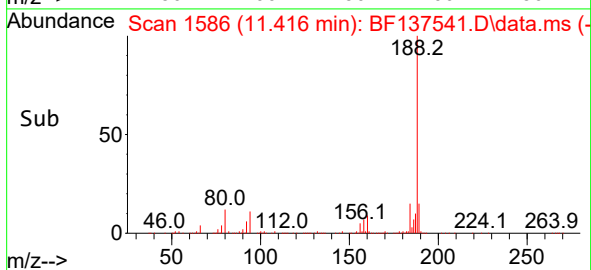
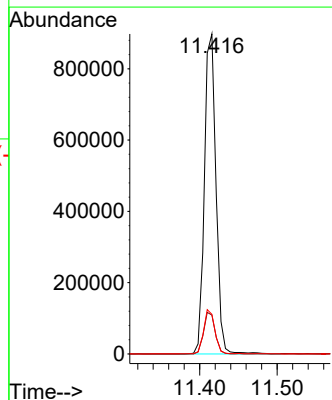
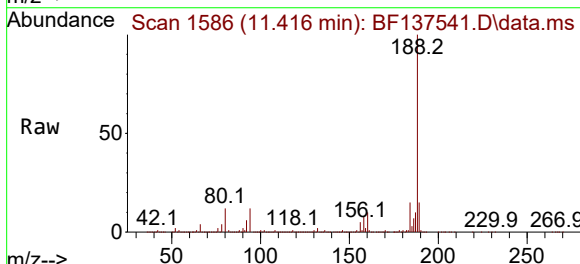
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 21.8  | 3.2   | 43.2  |
| 105 | 21.0  | 1.2   | 41.2  |
| 51  | 28.5  | 7.8   | 47.8  |

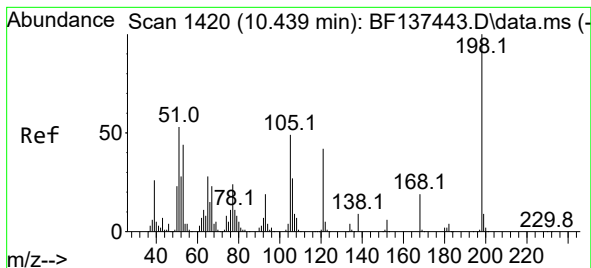


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion: 188 Resp: 930256

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 12.1  | 10.6  | 15.8  |
| 80  | 12.4  | 11.5  | 17.3  |

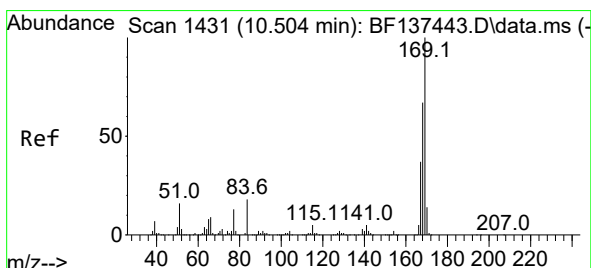
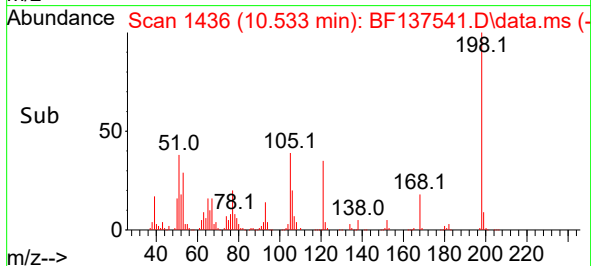
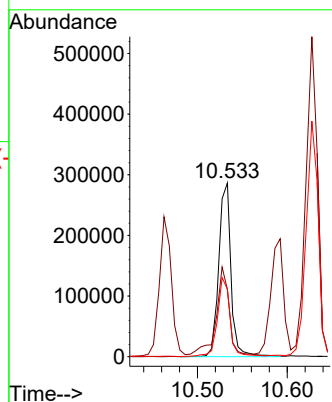
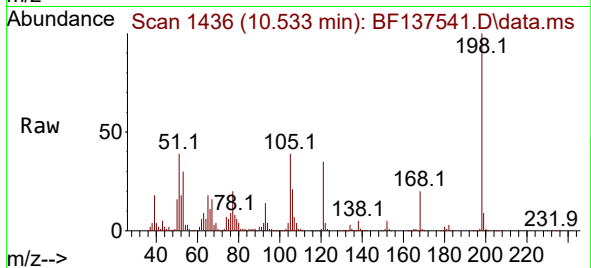




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.412 ng  
RT: 10.533 min Scan# 1414  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

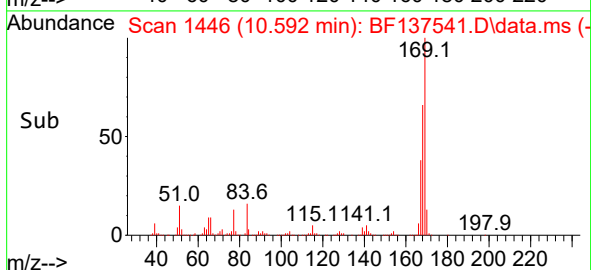
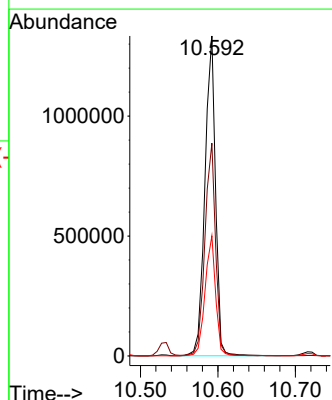
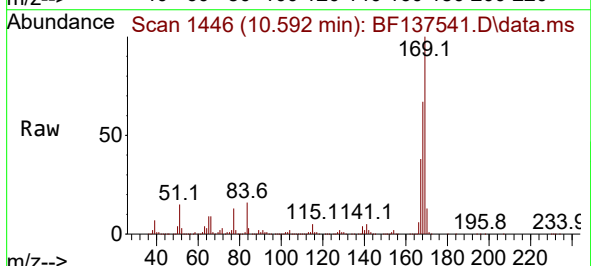
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

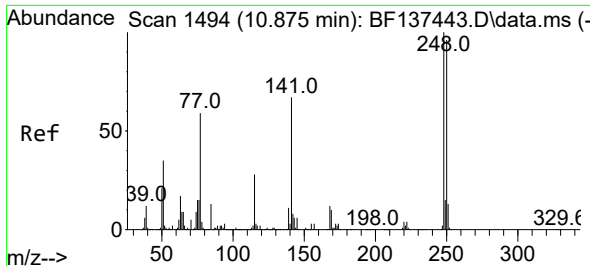
Tgt Ion:198 Resp: 271744  
Ion Ratio Lower Upper  
198 100  
51 38.6 37.2 77.2  
105 38.8 29.2 69.2



#66  
n-Nitrosodiphenylamine  
Concen: 42.332 ng  
RT: 10.592 min Scan# 1446  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:169 Resp: 1268067  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.8 80.6  
167 37.6 29.6 44.4

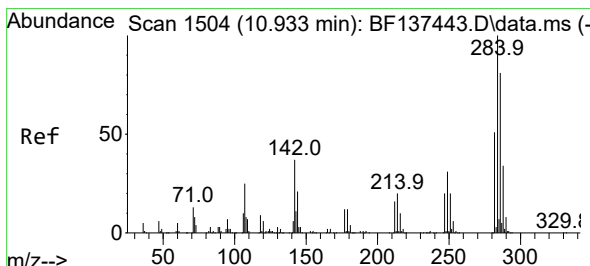
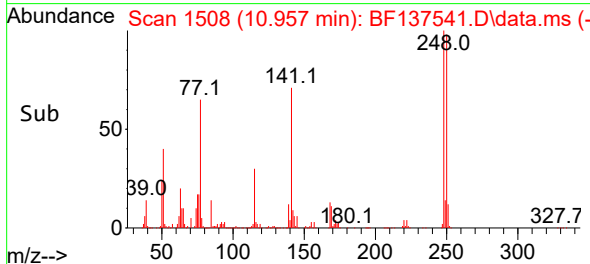
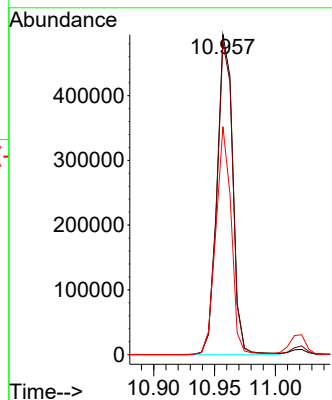
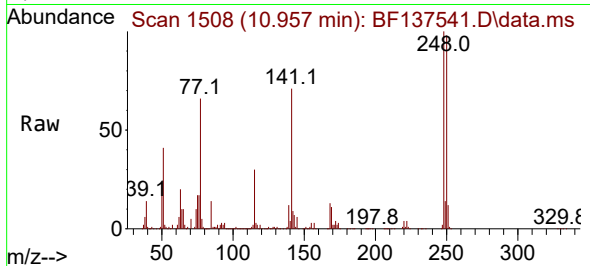




#67  
4-Bromophenyl-phenylether  
Concen: 44.304 ng  
RT: 10.957 min Scan# 1519  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

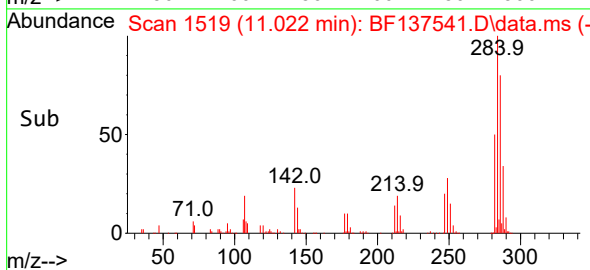
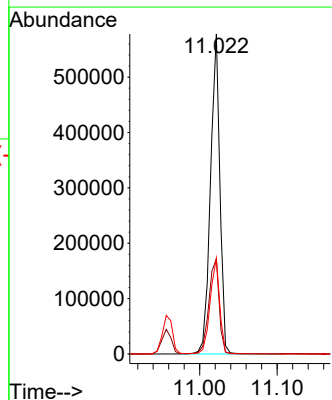
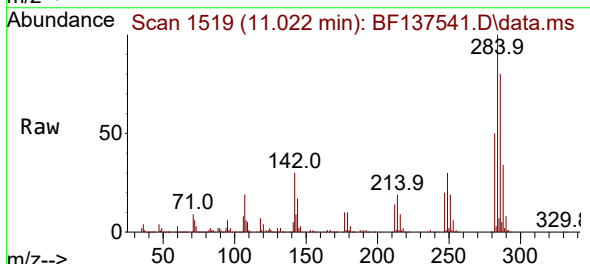
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

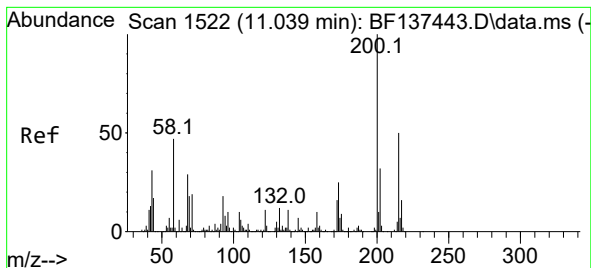
Tgt Ion:248 Resp: 448890  
Ion Ratio Lower Upper  
248 100  
250 97.7 76.8 115.2  
141 71.3 53.4 80.0



#68  
Hexachlorobenzene  
Concen: 47.504 ng  
RT: 11.022 min Scan# 1519  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:284 Resp: 486140  
Ion Ratio Lower Upper  
284 100  
142 29.6 29.4 44.0  
249 29.9 25.0 37.4





#69

Atrazine

Concen: 41.120 ng

RT: 11.127 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

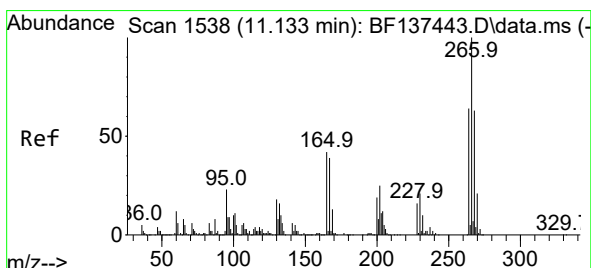
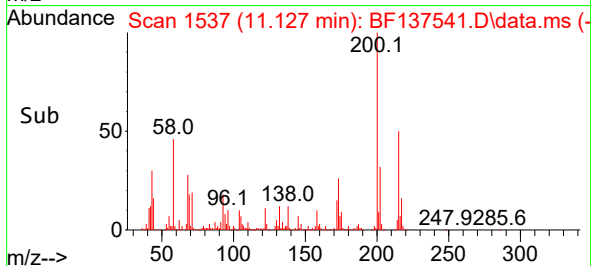
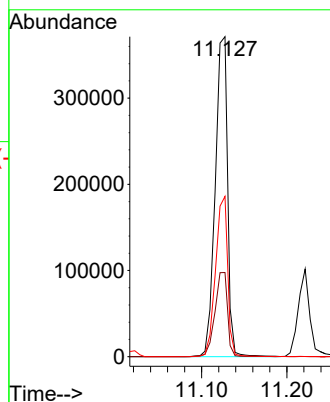
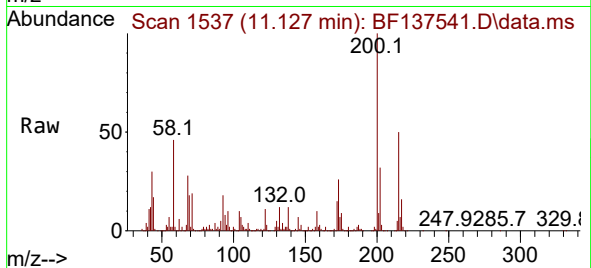
Tgt Ion:200 Resp: 374453

Ion Ratio Lower Upper

200 100

173 26.3 5.1 45.1

215 50.1 30.4 70.4



#70

Pentachlorophenol

Concen: 88.045 ng

RT: 11.222 min Scan# 1553

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

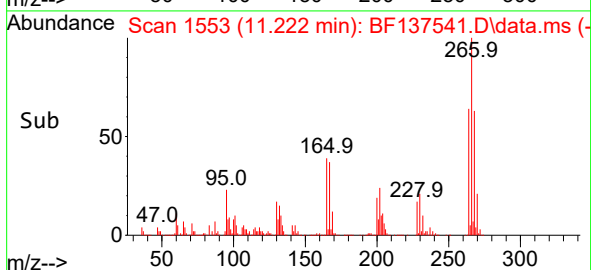
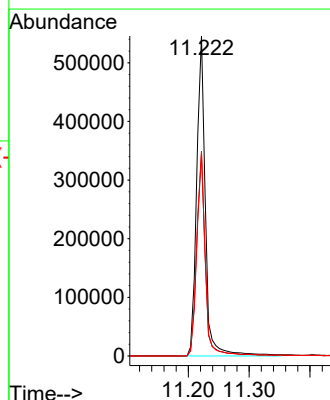
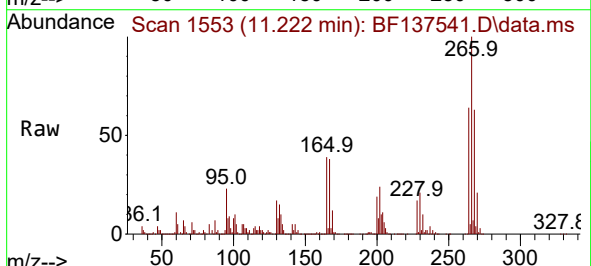
Tgt Ion:266 Resp: 544684

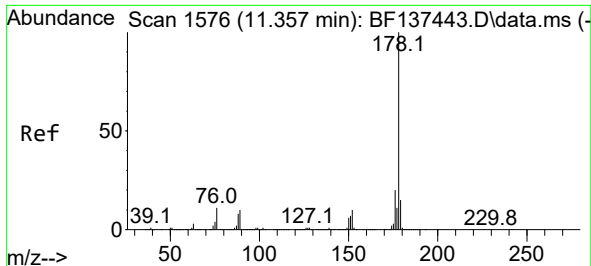
Ion Ratio Lower Upper

266 100

268 63.5 50.2 75.2

264 63.9 50.9 76.3

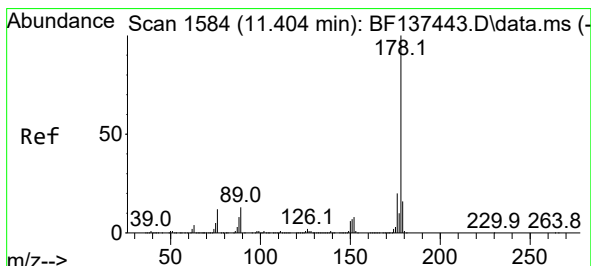
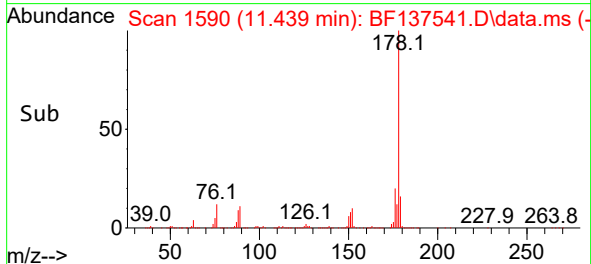
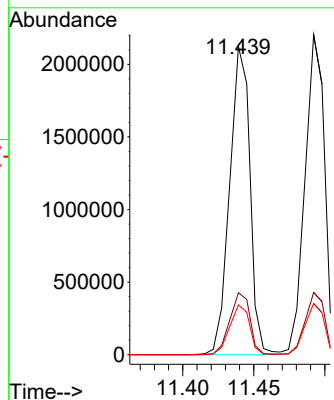
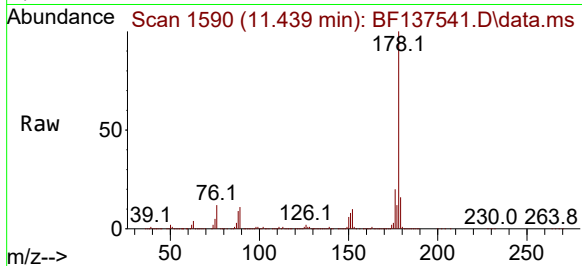




#71  
Phenanthrene  
Concen: 41.819 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

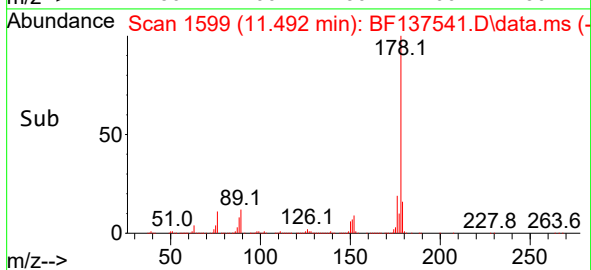
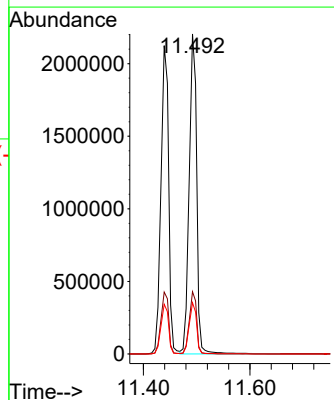
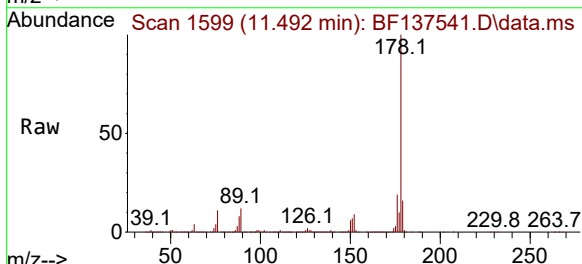
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

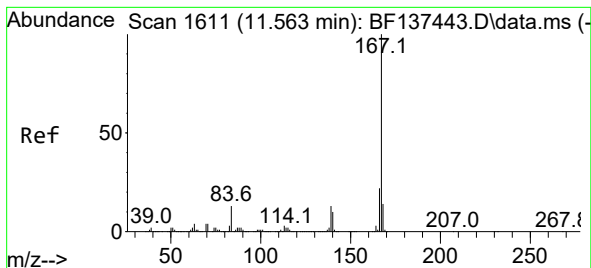
Tgt Ion:178 Resp: 2117157  
Ion Ratio Lower Upper  
178 100  
176 20.1 15.8 23.8  
179 16.1 12.2 18.2



#72  
Anthracene  
Concen: 41.471 ng  
RT: 11.492 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:178 Resp: 2156348  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.7 23.5  
179 16.0 12.7 19.1





#73

Carbazole

Concen: 42.721 ng

RT: 11.651 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

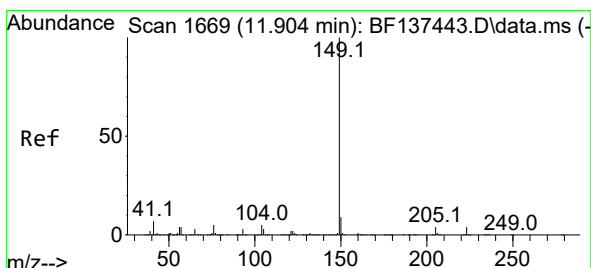
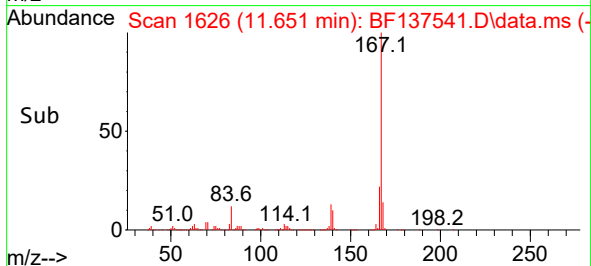
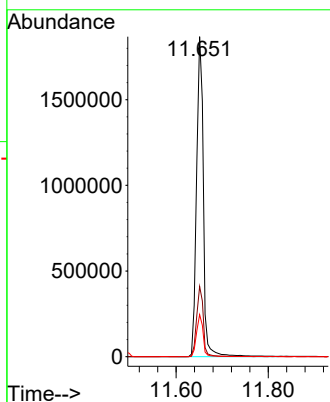
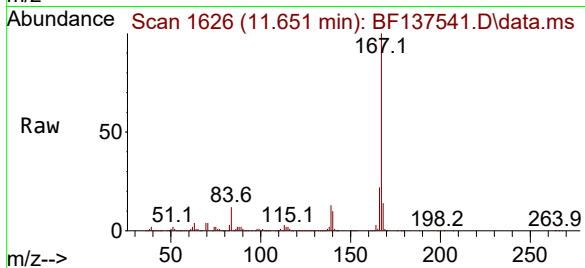
Tgt Ion:167 Resp: 1902733

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 43.358 ng

RT: 11.986 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

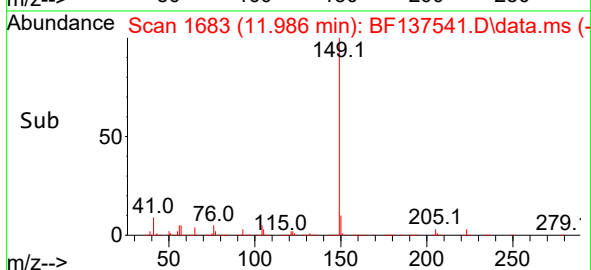
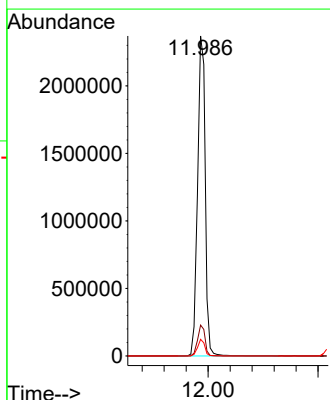
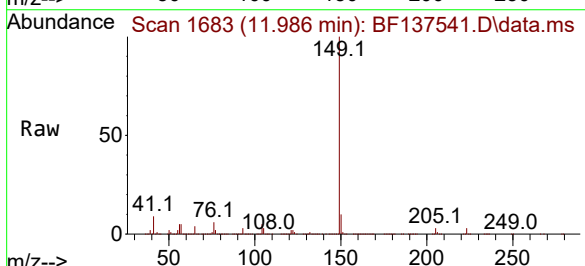
Tgt Ion:149 Resp: 2297552

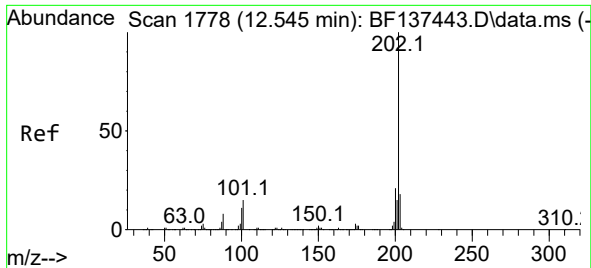
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

104 5.2 3.8 5.6

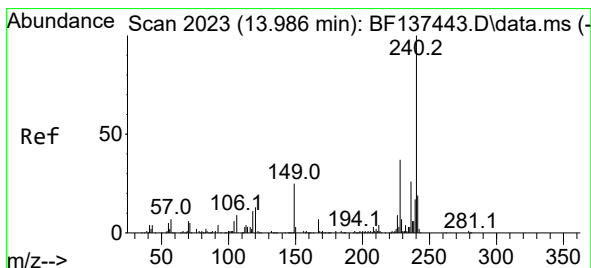
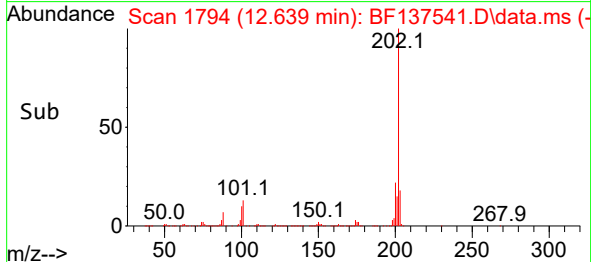
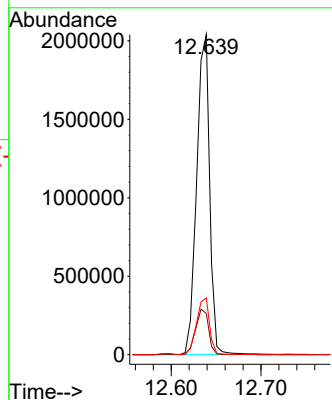
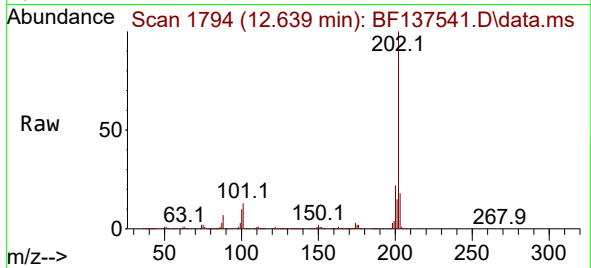




#75  
Fluoranthene  
Concen: 41.268 ng  
RT: 12.639 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

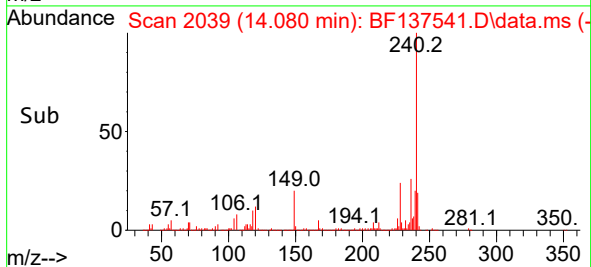
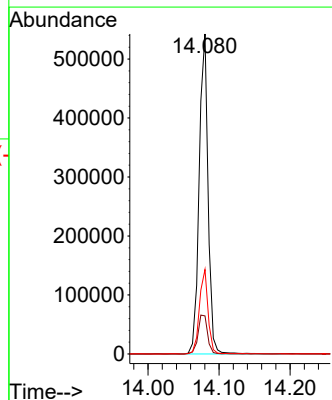
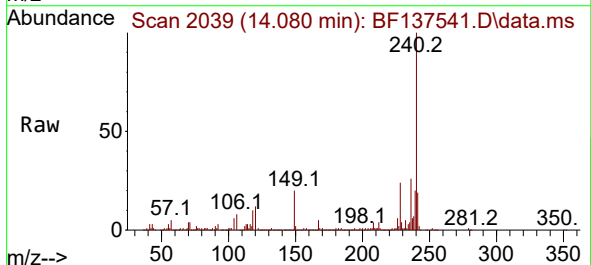
Instrument :  
BNA\_F  
ClientSampleId :  
PB159511BS

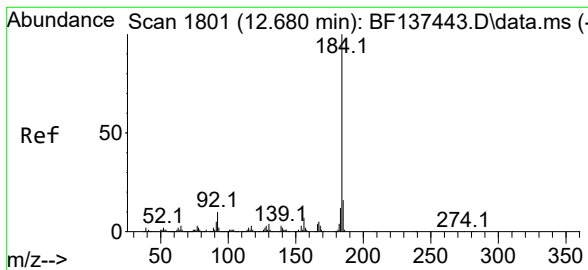
Tgt Ion:202 Resp: 2042212  
Ion Ratio Lower Upper  
202 100  
101 12.9 0.0 35.0  
203 17.7 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: BF137541.D  
Acq: 08 Mar 2024 14:05

Tgt Ion:240 Resp: 473680  
Ion Ratio Lower Upper  
240 100  
120 11.9 10.4 15.6  
236 26.4 20.9 31.3





#77

Benzidine

Concen: 20.435 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

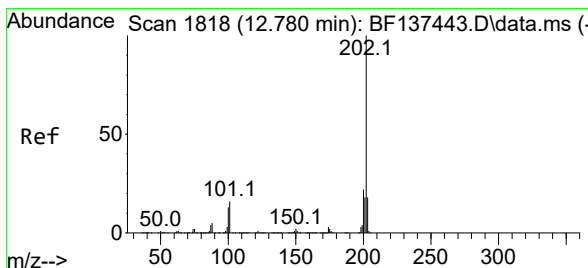
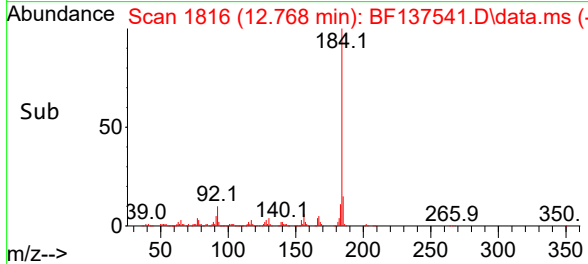
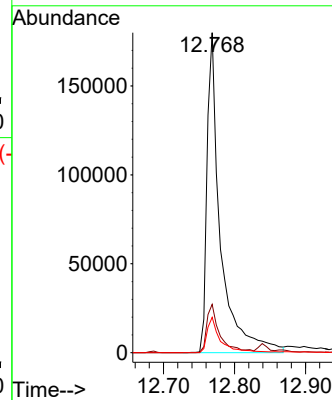
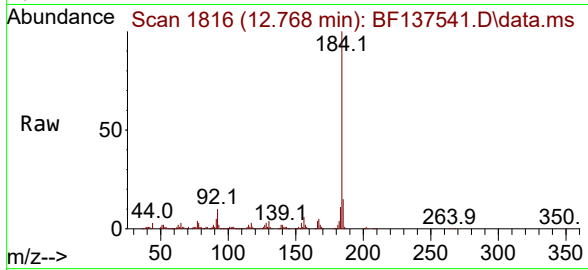
Tgt Ion:184 Resp: 236880

Ion Ratio Lower Upper

184 100

185 15.1 13.2 19.8

183 11.1 9.3 13.9



#78

Pyrene

Concen: 44.464 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

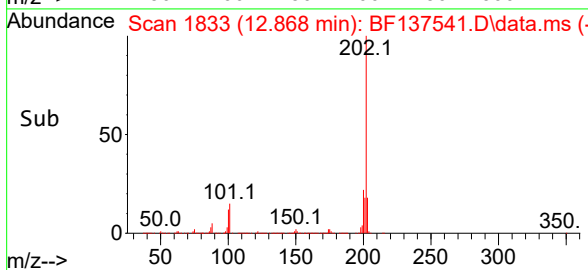
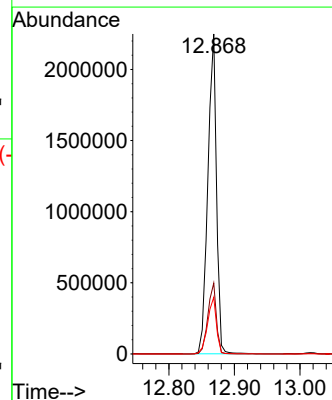
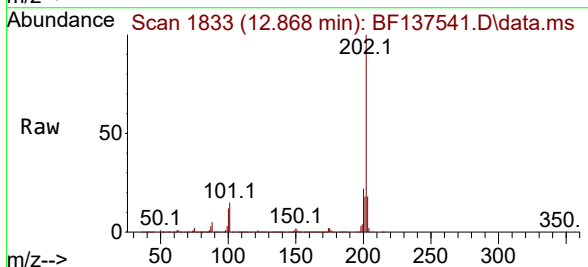
Tgt Ion:202 Resp: 2066651

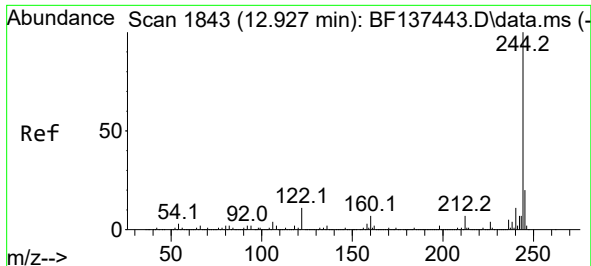
Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 17.7 14.1 21.1

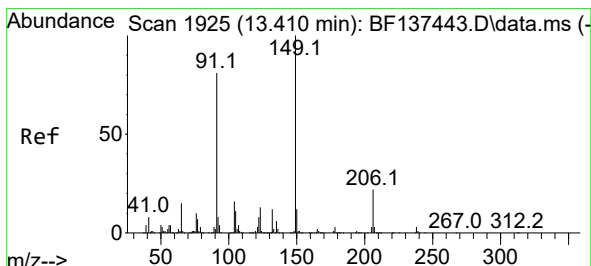
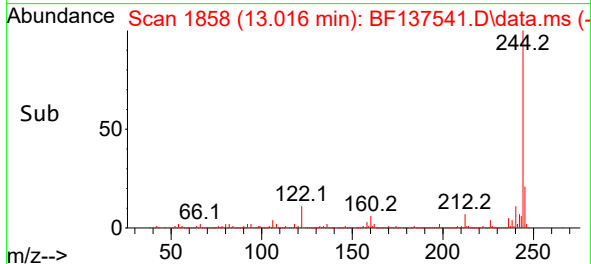
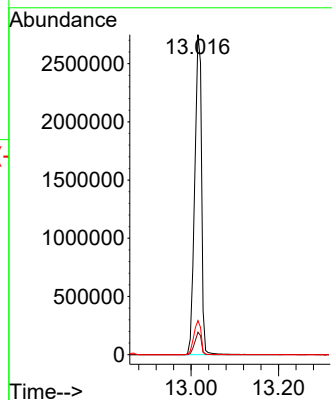
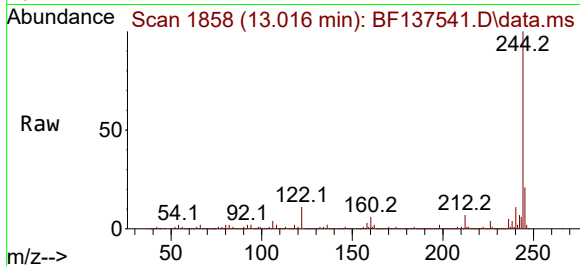




#79  
 Terphenyl-d14  
 Concen: 86.385 ng  
 RT: 13.016 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF137541.D  
 Acq: 08 Mar 2024 14:05

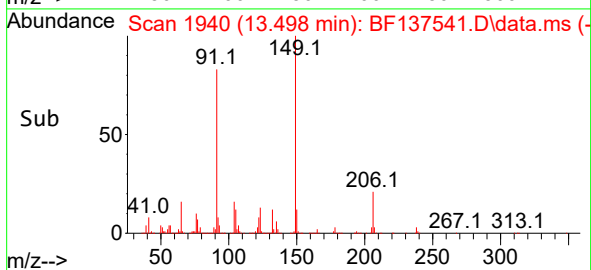
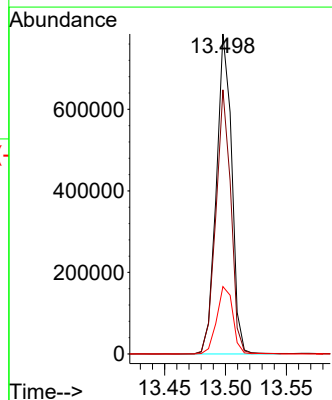
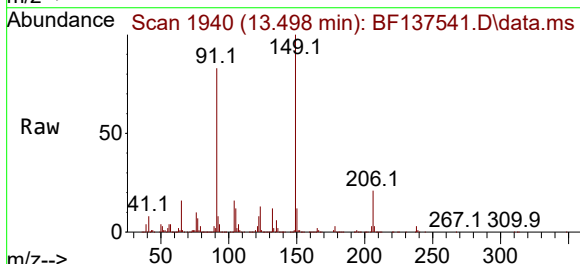
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB159511BS

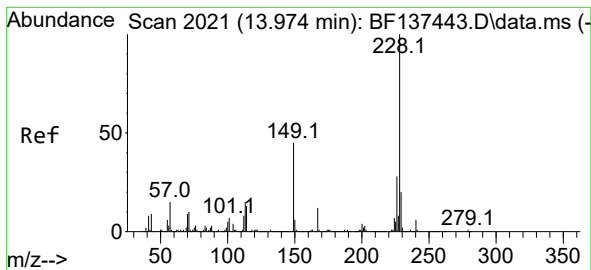
Tgt Ion:244 Resp: 2975679  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.2  
 122 10.6 9.1 13.7



#80  
 Butylbenzylphthalate  
 Concen: 58.096 ng  
 RT: 13.498 min Scan# 1940  
 Delta R.T. -0.000 min  
 Lab File: BF137541.D  
 Acq: 08 Mar 2024 14:05

Tgt Ion:149 Resp: 689604  
 Ion Ratio Lower Upper  
 149 100  
 91 82.5 64.7 97.1  
 206 21.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.222 ng

RT: 14.068 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

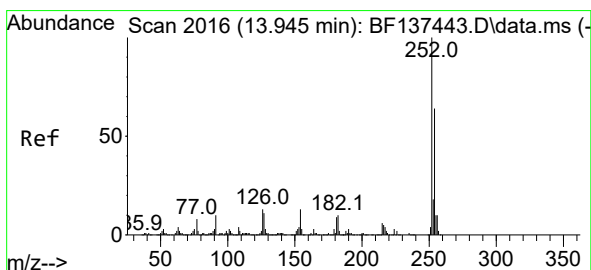
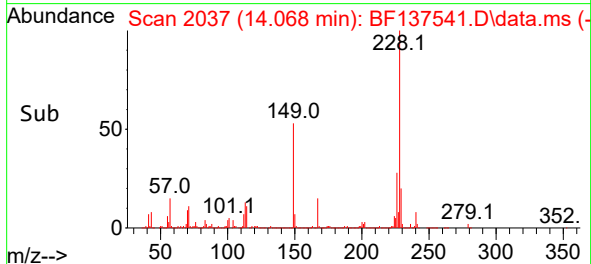
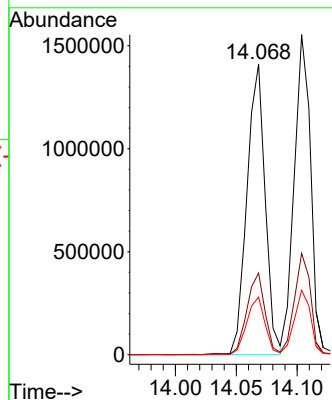
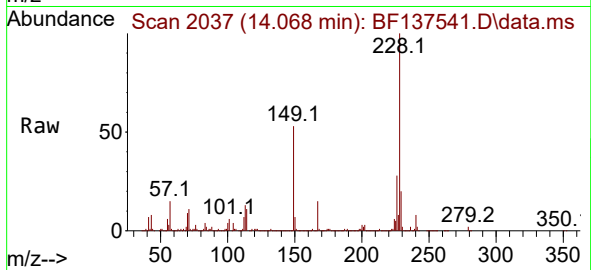
Tgt Ion:228 Resp: 1468158

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 42.299 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

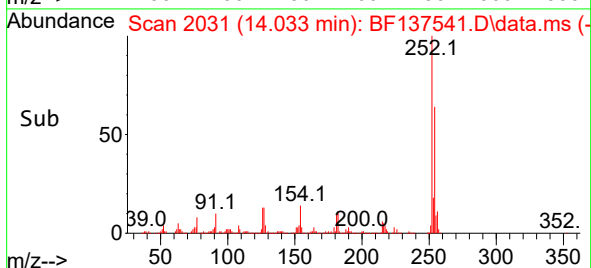
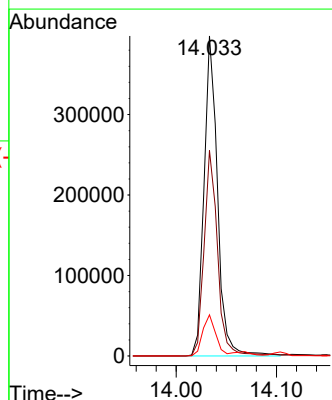
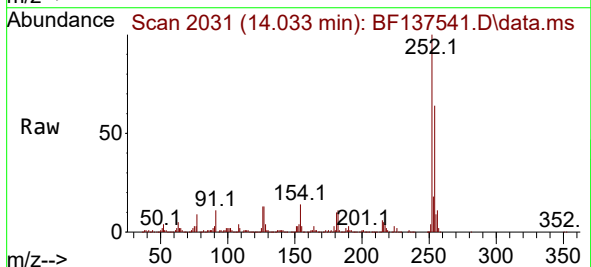
Tgt Ion:252 Resp: 373973

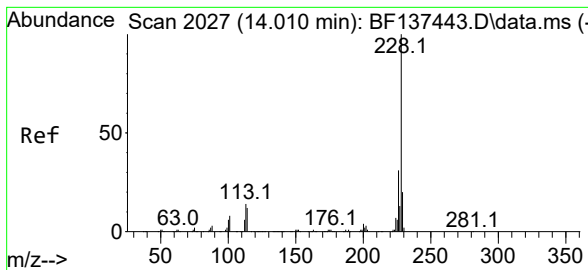
Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.2

126 12.8 10.4 15.6





#83

Chrysene

Concen: 43.960 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

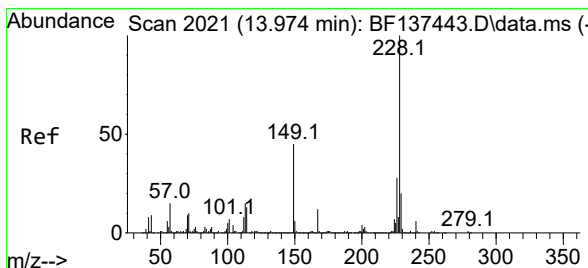
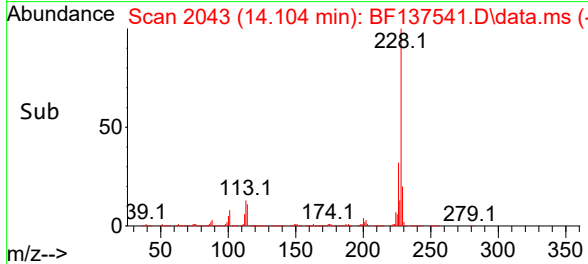
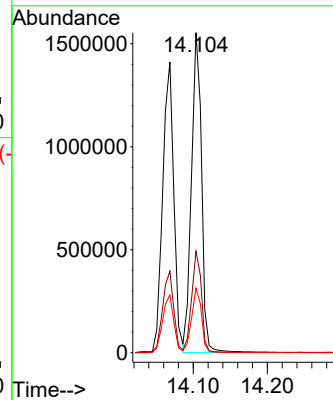
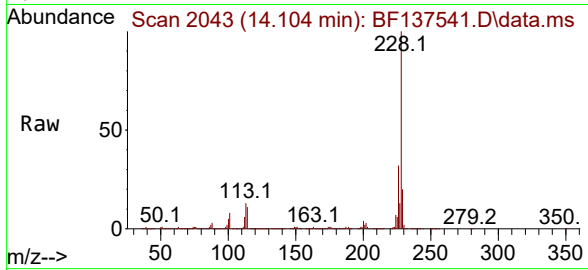
Tgt Ion:228 Resp: 1475063

Ion Ratio Lower Upper

228 100

226 31.7 24.7 37.1

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.012 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

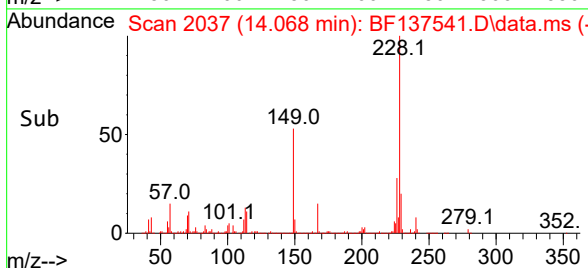
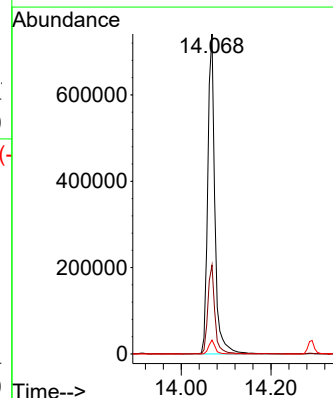
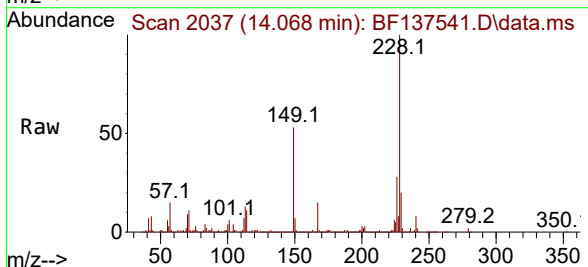
Tgt Ion:149 Resp: 814889

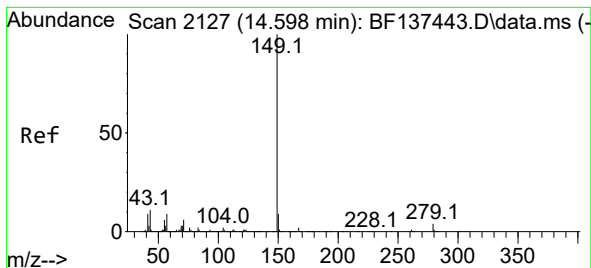
Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

279 4.4 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 49.654 ng

RT: 14.698 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

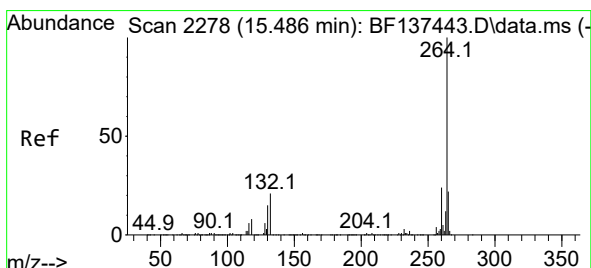
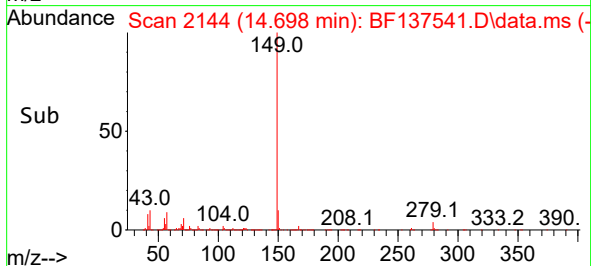
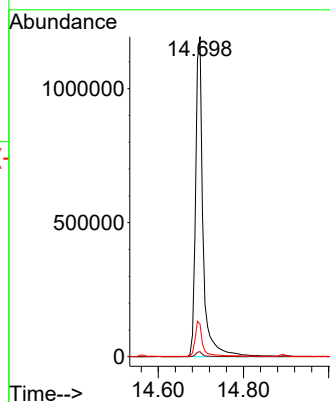
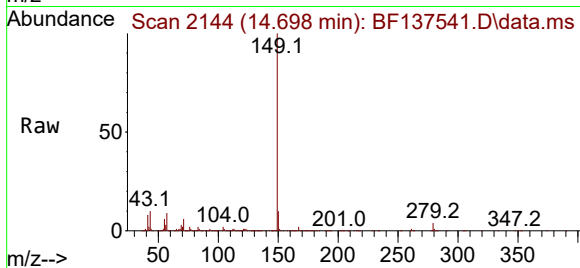
Tgt Ion:149 Resp: 1450142

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 2300

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

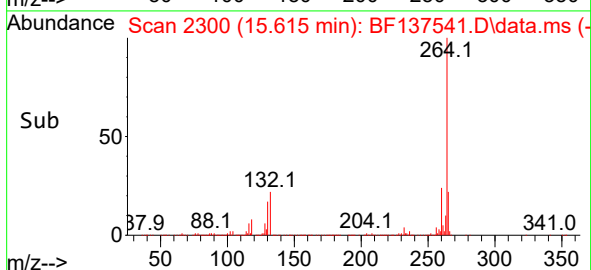
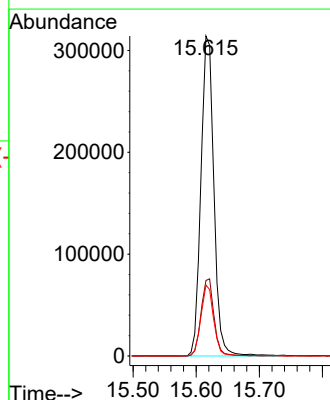
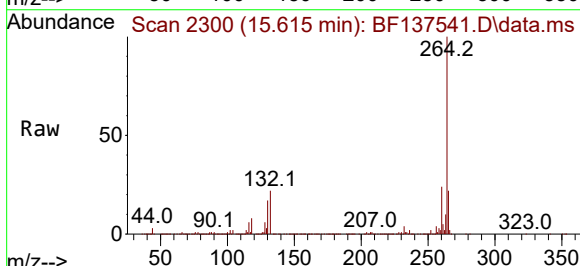
Tgt Ion:264 Resp: 448672

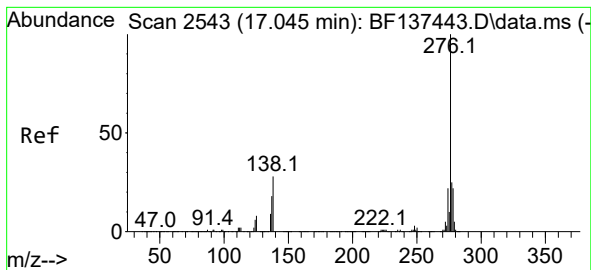
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.773 ng

RT: 17.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

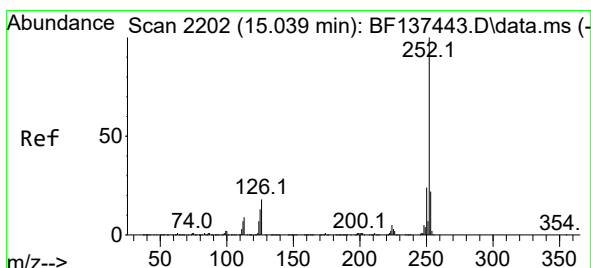
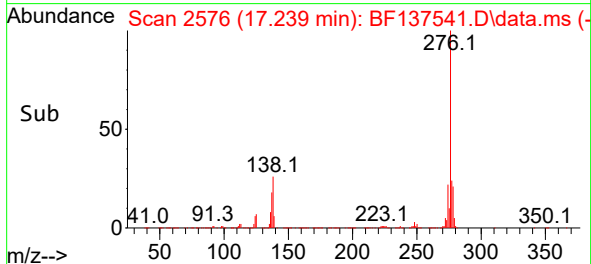
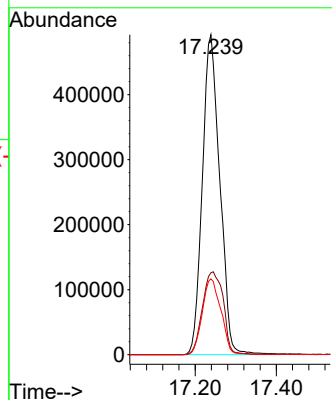
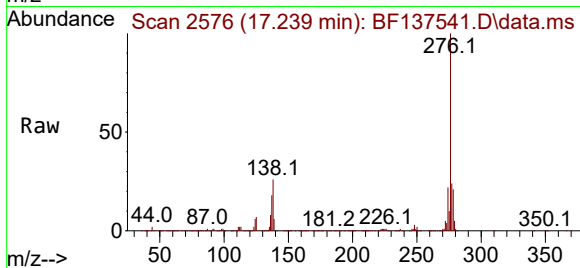
Tgt Ion:276 Resp: 1469577

Ion Ratio Lower Upper

276 100

138 30.7 25.8 38.8

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.291 ng

RT: 15.157 min Scan# 2222

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

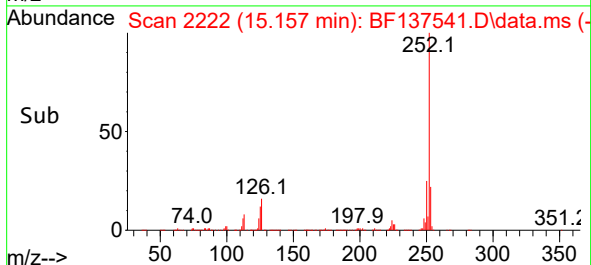
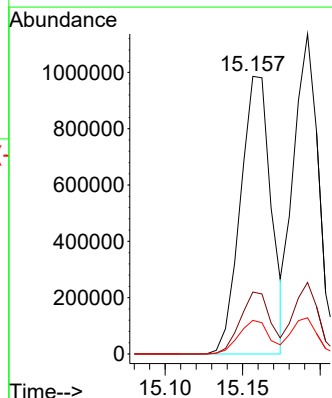
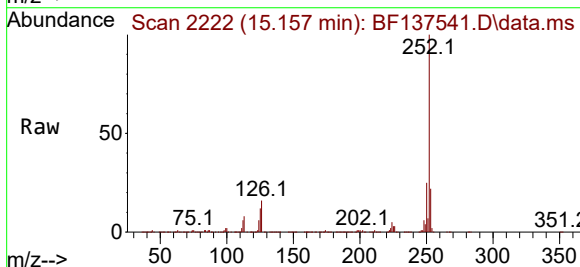
Tgt Ion:252 Resp: 1361302

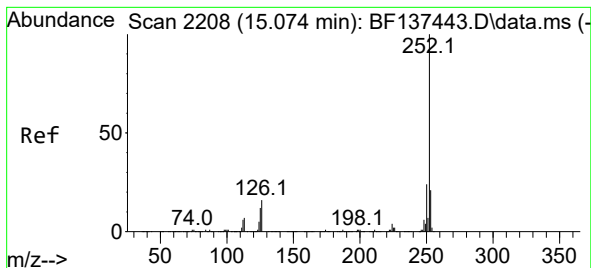
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 12.1 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 45.468 ng

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

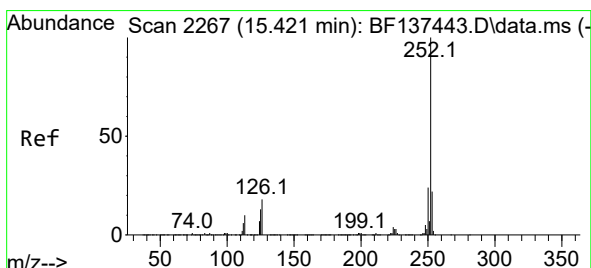
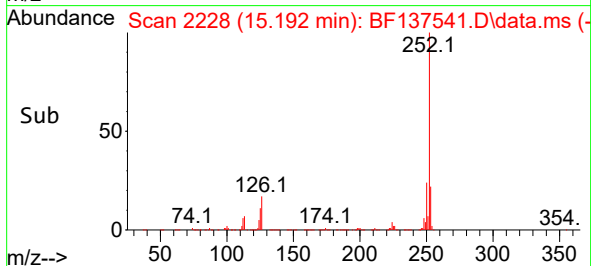
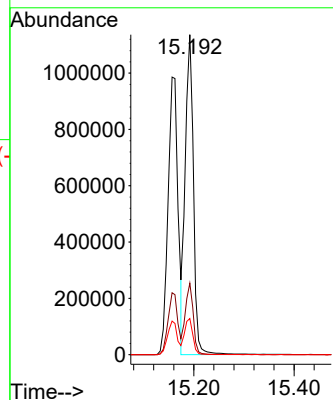
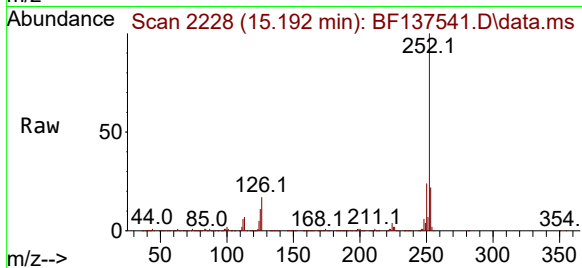
Tgt Ion:252 Resp: 1296170

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 11.3 9.6 14.4



#90

Benzo(a)pyrene

Concen: 46.748 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

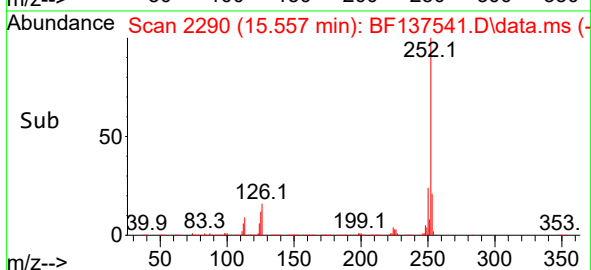
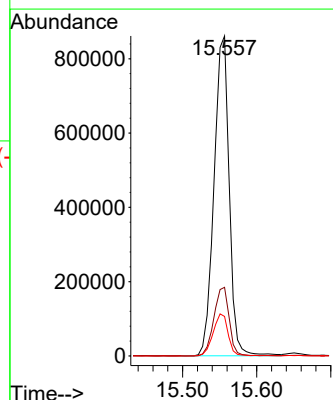
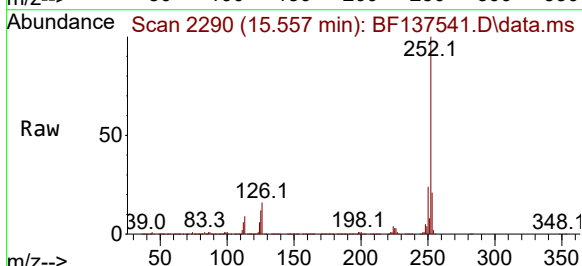
Tgt Ion:252 Resp: 1222675

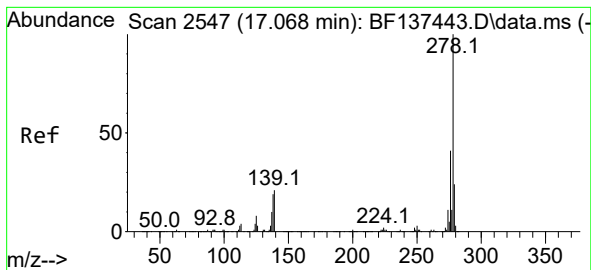
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 12.4 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 50.001 ng

RT: 17.268 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Instrument :

BNA\_F

ClientSampleId :

PB159511BS

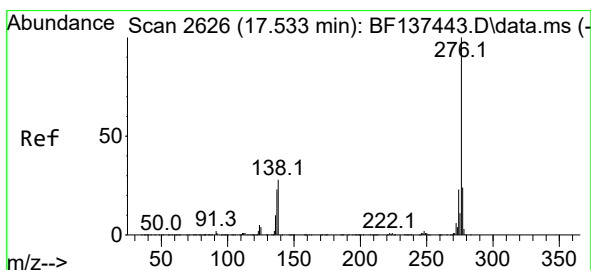
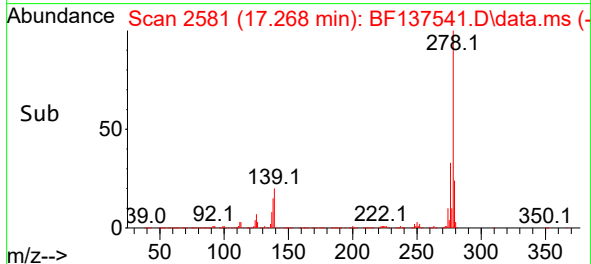
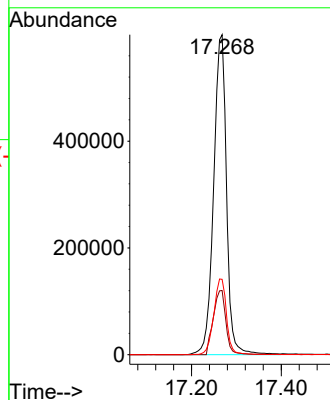
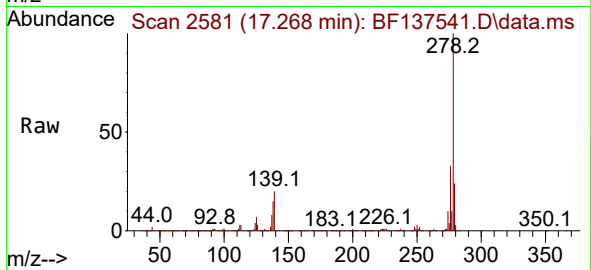
Tgt Ion:278 Resp: 1197610

Ion Ratio Lower Upper

278 100

139 20.1 17.0 25.6

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 48.250 ng

RT: 17.727 min Scan# 2659

Delta R.T. -0.000 min

Lab File: BF137541.D

Acq: 08 Mar 2024 14:05

Tgt Ion:276 Resp: 1186846

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 26.7 22.2 33.2

