

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010224\  
 Data File : BF136876.D  
 Acq On : 02 Jan 2024 17:49  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 03 01:37:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 72688    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.057  | 136  | 274527   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 140627   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.310 | 188  | 262254   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.963 | 240  | 140680   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.439 | 264  | 136931   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 380679   | 81.715 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.434  | 99   | 482058   | 79.858 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 431835   | 80.493 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 130573   | 78.839 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 843809   | 80.704 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.904 | 244  | 831140   | 82.563 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.534  | 88   | 77812    | 40.087 | ng    | 96       |
| 3) Pyridine                   | 3.293  | 79   | 184011   | 38.854 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.269  | 42   | 97170    | 38.421 | ng    | 96       |
| 6) Aniline                    | 6.451  | 93   | 226031   | 37.452 | ng    | # 86     |
| 8) 2-Chlorophenol             | 6.575  | 128  | 204673   | 40.147 | ng    | 91       |
| 9) Benzaldehyde               | 6.340  | 77   | 127672   | 37.184 | ng    | 99       |
| 10) Phenol                    | 6.446  | 94   | 256187   | 39.756 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.522  | 93   | 192173   | 39.214 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.722  | 146  | 223693   | 40.222 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.798  | 146  | 227701   | 40.070 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.951  | 146  | 209216   | 39.566 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.928  | 79   | 157869   | 38.765 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.057  | 45   | 302520   | 37.758 | ng    | 93       |
| 17) 2-Methylphenol            | 7.045  | 107  | 162871   | 38.564 | ng    | 98       |
| 18) Hexachloroethane          | 7.287  | 117  | 81541    | 39.511 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.198  | 70   | 139441   | 38.106 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.198  | 107  | 204000   | 38.663 | ng    | # 78     |
| 22) Acetophenone              | 7.193  | 105  | 278795   | 40.517 | ng    | 95       |
| 24) Nitrobenzene              | 7.369  | 77   | 216827   | 40.346 | ng    | 94       |
| 25) Isophorone                | 7.604  | 82   | 385247   | 39.464 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.681  | 139  | 109508   | 42.589 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.722  | 122  | 128812   | 41.149 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.810  | 93   | 233666   | 39.379 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.922  | 162  | 165037   | 40.951 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.004  | 180  | 187484   | 41.754 | ng    | 99       |
| 31) Naphthalene               | 8.081  | 128  | 618968   | 41.041 | ng    | 99       |
| 32) Benzoic acid              | 7.851  | 122  | 90301    | 29.814 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.134  | 127  | 216886   | 38.949 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.192  | 225  | 112081   | 41.084 | ng    | 99       |
| 35) Caprolactam               | 8.516  | 113  | 59851    | 45.018 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.622  | 107  | 178136   | 39.263 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.775  | 142  | 391844   | 40.371 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.869  | 142  | 384686   | 40.397 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.939  | 216  | 182194   | 41.834 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.922  | 237  | 71688    | 53.363 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.057  | 196  | 112168   | 40.160 | ng    | 96       |

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 Sample : SSTDCCC040  
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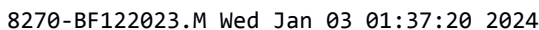
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 BNA\_F  
 ClientSampleId :

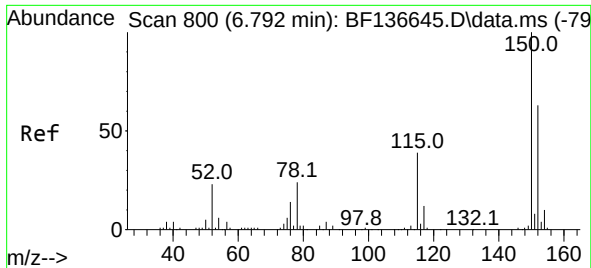
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.104  | 196  | 124232   | 39.915 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.239  | 154  | 479933   | 40.670 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.263  | 162  | 365526   | 40.745 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.363  | 65   | 111567   | 39.714 | ng    | 99       |
| 49) Acenaphthylene            | 9.681  | 152  | 556200   | 40.562 | ng    | 100      |
| 50) Dimethylphthalate         | 9.545  | 163  | 402892   | 39.223 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.610  | 165  | 95158    | 40.820 | ng    | 95       |
| 52) Acenaphthene              | 9.851  | 154  | 340150   | 40.018 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.781  | 138  | 93234    | 37.755 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 44752    | 36.756 | ng    | 96       |
| 55) Dibenzofuran              | 10.022 | 168  | 506443   | 39.306 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.951  | 139  | 71892    | 43.126 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.016 | 165  | 118927   | 39.298 | ng    | # 96     |
| 58) Fluorene                  | 10.369 | 166  | 404669   | 39.582 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.145 | 232  | 89999    | 37.564 | ng    | 98       |
| 60) Diethylphthalate          | 10.245 | 149  | 417654   | 39.189 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.357 | 204  | 198950   | 40.036 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.398 | 138  | 93136    | 39.123 | ng    | 92       |
| 63) Azobenzene                | 10.522 | 77   | 388130   | 38.992 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.428 | 198  | 58855    | 39.159 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.481 | 169  | 351240   | 41.229 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.851 | 248  | 121882   | 41.848 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.916 | 284  | 130834   | 40.309 | ng    | 96       |
| 69) Atrazine                  | 11.016 | 200  | 93668    | 42.987 | ng    | 98       |
| 70) Pentachlorophenol         | 11.116 | 266  | 50049    | 33.082 | ng    | 99       |
| 71) Phenanthrene              | 11.333 | 178  | 547778   | 40.707 | ng    | 100      |
| 72) Anthracene                | 11.386 | 178  | 553302   | 40.601 | ng    | 100      |
| 73) Carbazole                 | 11.545 | 167  | 523990   | 40.782 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.875 | 149  | 640236   | 40.836 | ng    | 100      |
| 75) Fluoranthene              | 12.527 | 202  | 577793   | 40.142 | ng    | 98       |
| 77) Benzidine                 | 12.657 | 184  | 146297   | 35.269 | ng    | 98       |
| 78) Pyrene                    | 12.757 | 202  | 582069   | 42.148 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.380 | 149  | 216598   | 43.103 | ng    | 97       |
| 81) Benzo(a)anthracene        | 13.951 | 228  | 402469   | 41.200 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.916 | 252  | 111751   | 40.282 | ng    | 98       |
| 83) Chrysene                  | 13.992 | 228  | 390656   | 40.895 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 279445   | 44.199 | ng    | # 95     |
| 85) Di-n-octyl phthalate      | 14.557 | 149  | 413695   | 42.300 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.951 | 276  | 423178   | 42.803 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.010 | 252  | 346427   | 37.879 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.039 | 252  | 338898   | 39.216 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 310747   | 40.252 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.968 | 278  | 346788   | 42.755 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.404 | 276  | 351476   | 42.309 | ng    | 98       |

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

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Response via : Initial Calibration

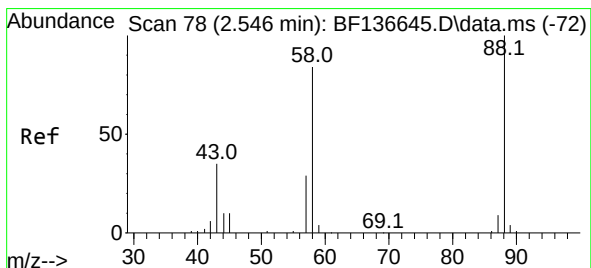
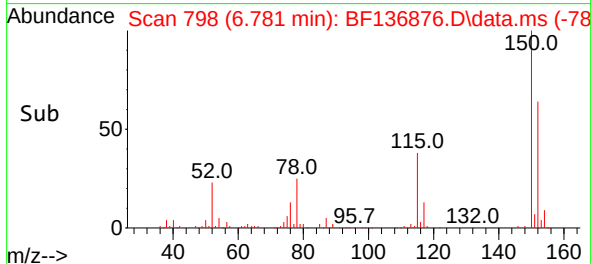
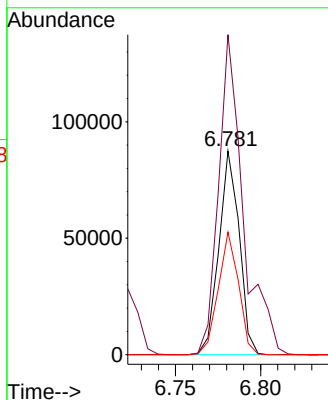
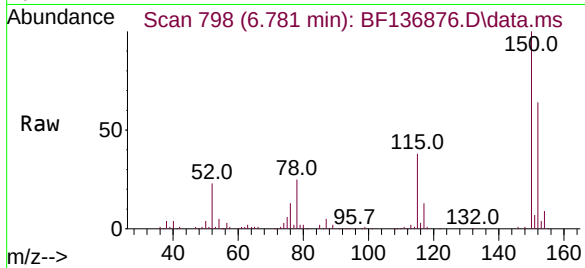




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BF136876.D  
 Acq: 02 Jan 2024 17:49

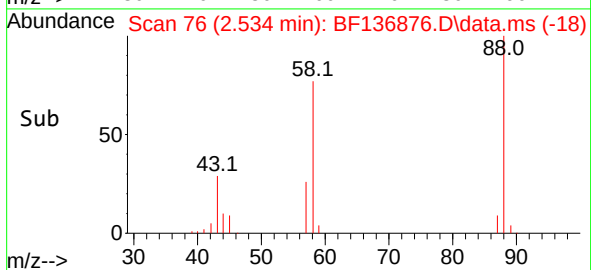
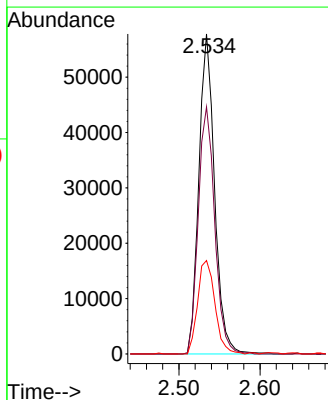
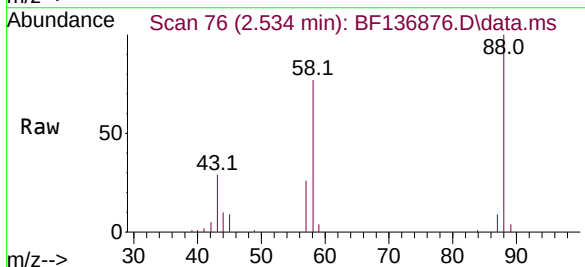
Instrument :  
 BNA\_F  
 ClientSampleId :

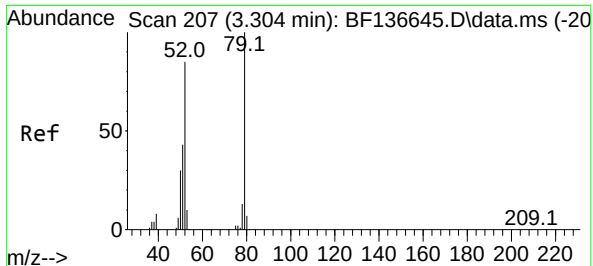
Tgt Ion:152 Resp: 72688  
 Ion Ratio Lower Upper  
 152 100  
 150 157.1 127.0 190.6  
 115 60.1 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 40.087 ng  
 RT: 2.534 min Scan# 76  
 Delta R.T. -0.012 min  
 Lab File: BF136876.D  
 Acq: 02 Jan 2024 17:49

Tgt Ion: 88 Resp: 77812  
 Ion Ratio Lower Upper  
 88 100  
 58 80.9 67.4 101.0  
 43 32.1 27.7 41.5

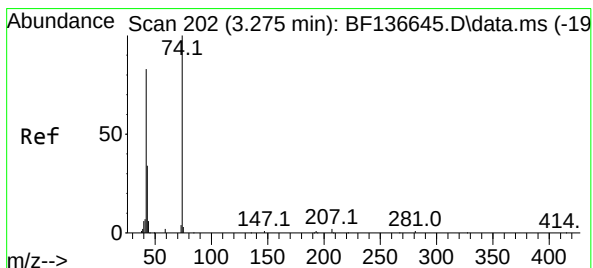
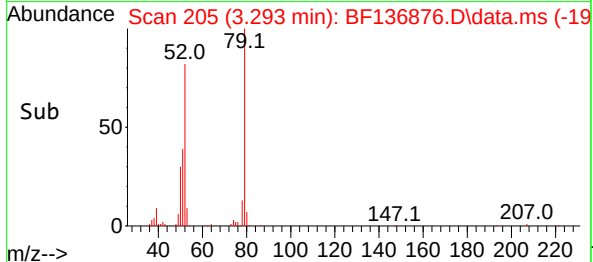
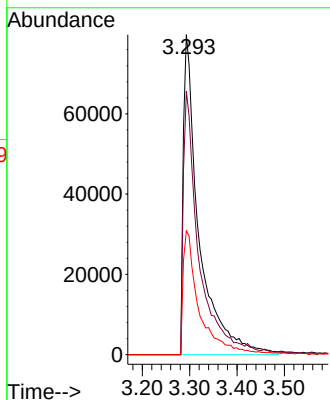
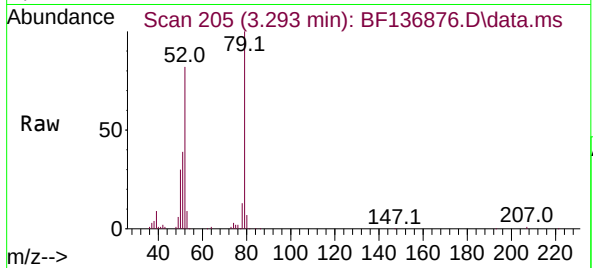




#3  
Pyridine  
Concen: 38.854 ng  
RT: 3.293 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

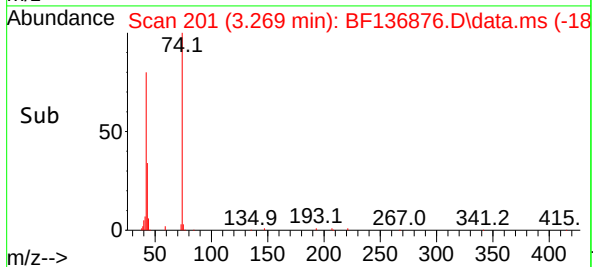
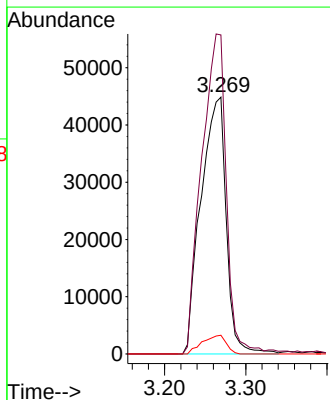
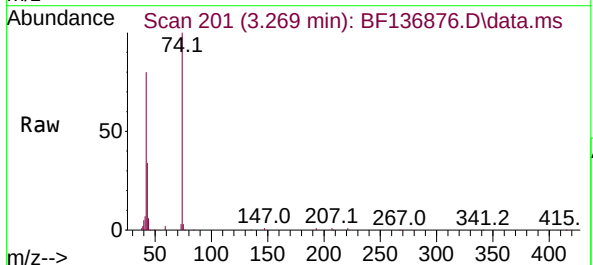
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BNA\_F  
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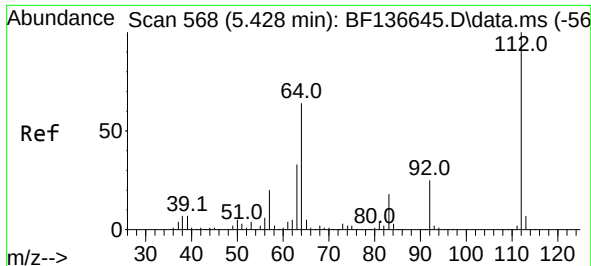
Tgt Ion: 79 Resp: 184011  
Ion Ratio Lower Upper  
79 100  
52 82.3 67.7 101.5  
51 38.7 34.0 51.0



#4  
n-Nitrosodimethylamine  
Concen: 38.421 ng  
RT: 3.269 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion: 42 Resp: 97170  
Ion Ratio Lower Upper  
42 100  
74 124.2 96.0 144.0  
44 7.3 5.4 8.2

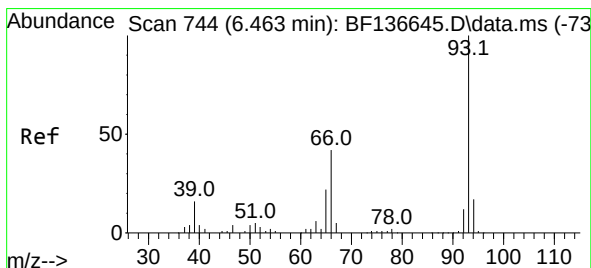
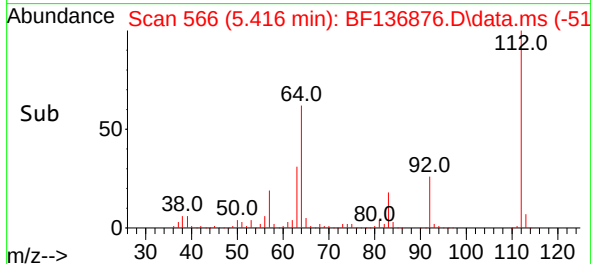
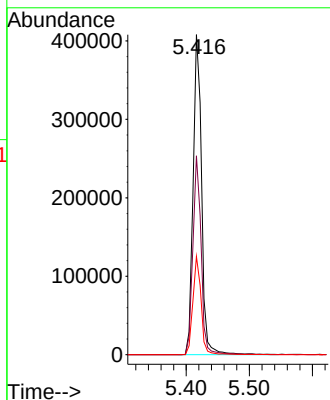
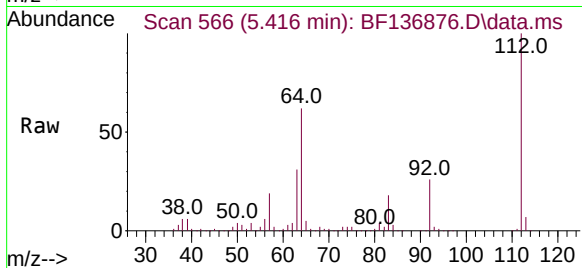




#5  
2-Fluorophenol  
Concen: 81.715 ng  
RT: 5.416 min Scan# 50  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

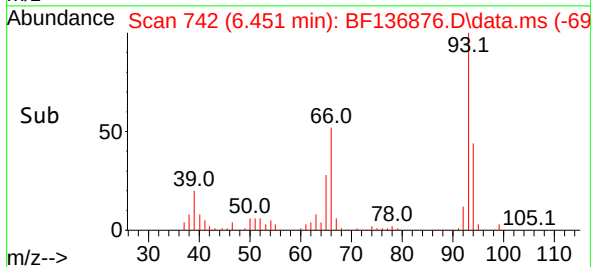
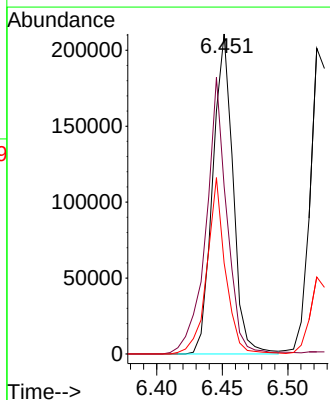
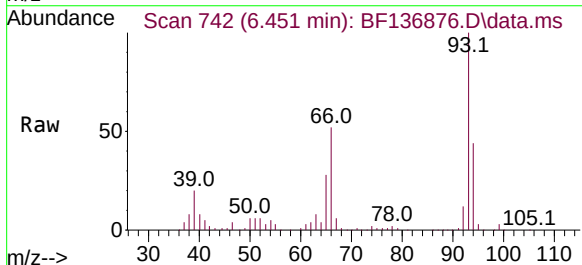
Instrument :  
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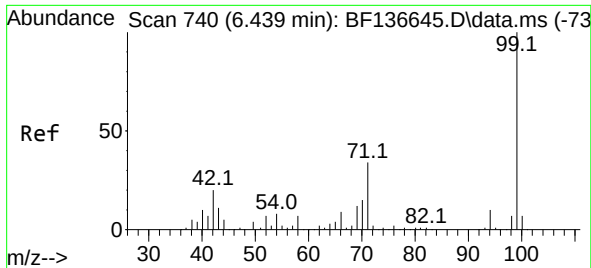
Tgt Ion:112 Resp: 380679  
Ion Ratio Lower Upper  
112 100  
64 62.2 51.1 76.7  
63 30.7 26.1 39.1



#6  
Aniline  
Concen: 37.452 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
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Tgt Ion: 93 Resp: 226031  
Ion Ratio Lower Upper  
93 100  
66 52.4 34.6 51.8#  
65 28.5 17.8 26.8#

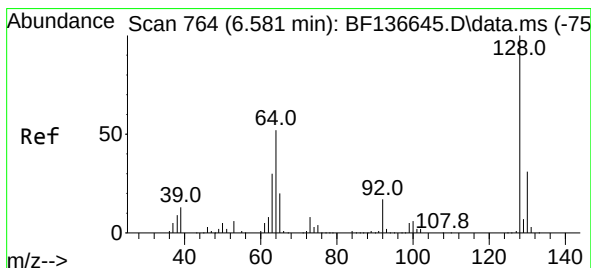
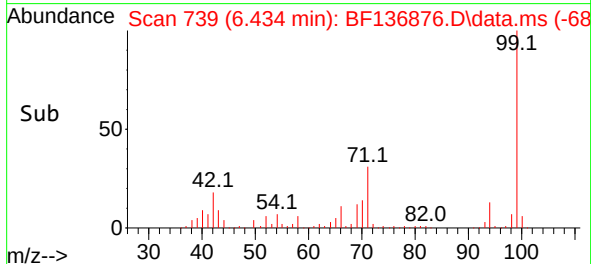
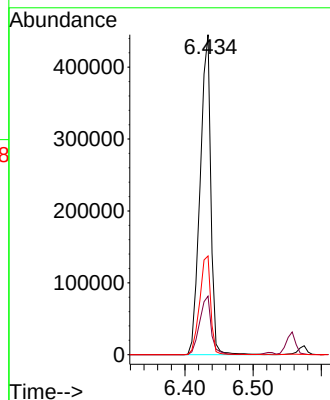
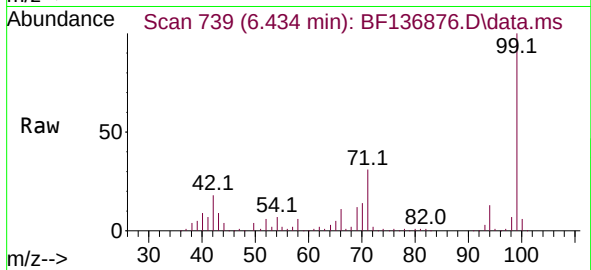




#7  
Phenol-d6  
Concen: 79.858 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

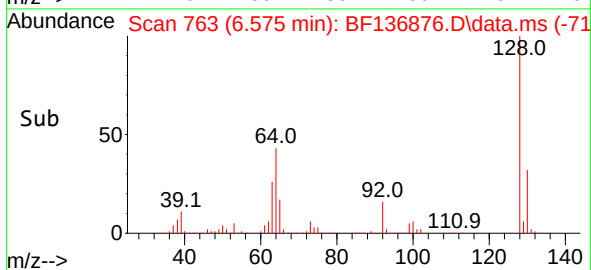
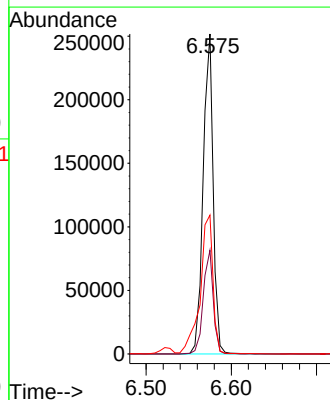
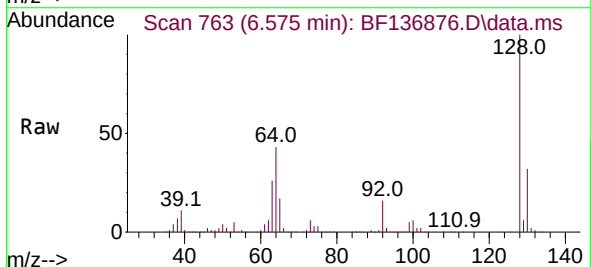
Instrument :  
BNA\_F  
ClientSampleId :

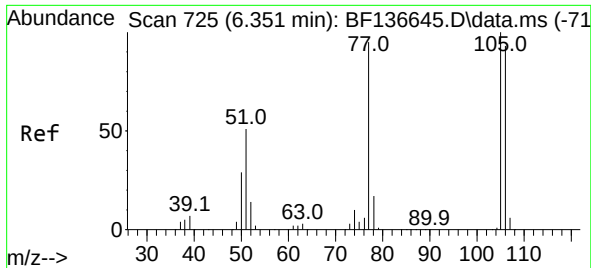
Tgt Ion: 99 Resp: 482058  
Ion Ratio Lower Upper  
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42 18.3 16.1 24.1  
71 30.9 27.4 41.2



#8  
2-Chlorophenol  
Concen: 40.147 ng  
RT: 6.575 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:128 Resp: 204673  
Ion Ratio Lower Upper  
128 100  
130 32.4 11.3 51.3  
64 43.4 32.5 72.5





#9

Benzaldehyde

Concen: 37.184 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

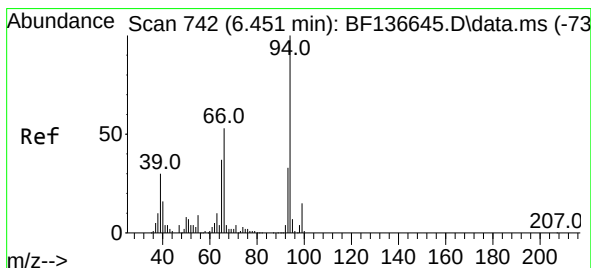
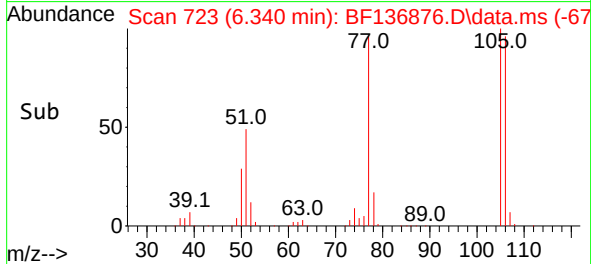
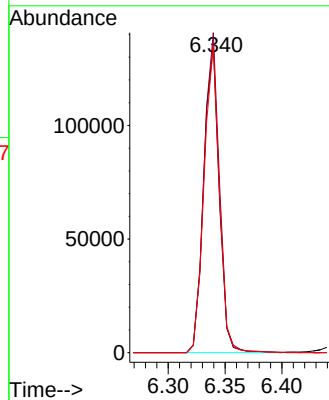
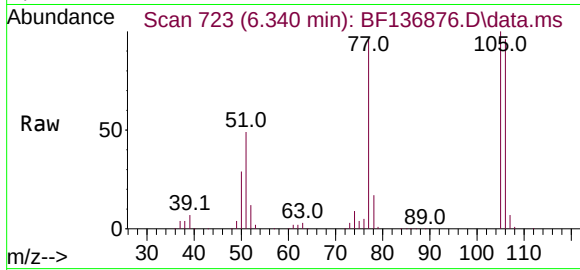
Tgt Ion: 77 Resp: 127672

Ion Ratio Lower Upper

77 100

105 103.9 84.8 124.8

106 99.7 77.8 117.8



#10

Phenol

Concen: 39.756 ng

RT: 6.446 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

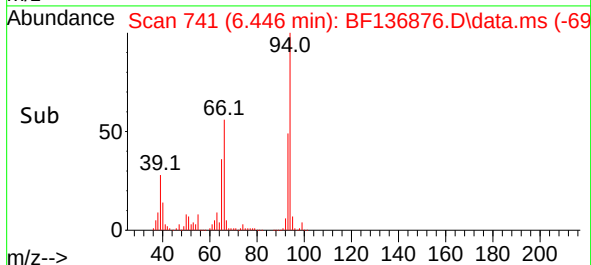
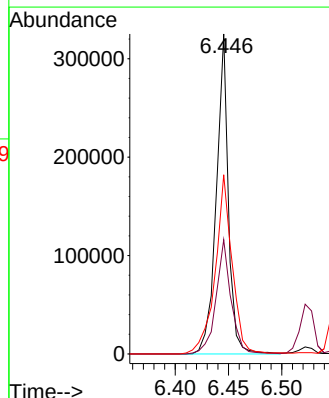
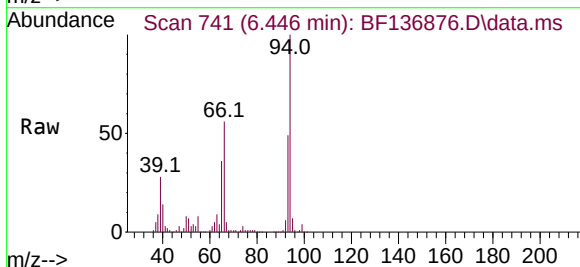
Tgt Ion: 94 Resp: 256187

Ion Ratio Lower Upper

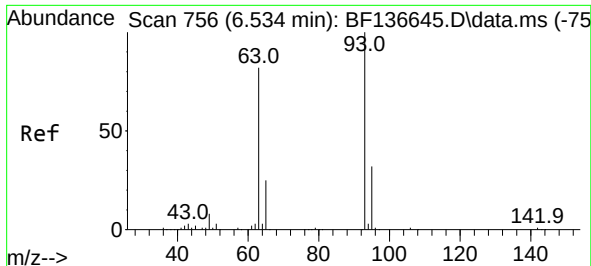
94 100

65 35.7 16.6 56.6

66 56.0 32.6 72.6



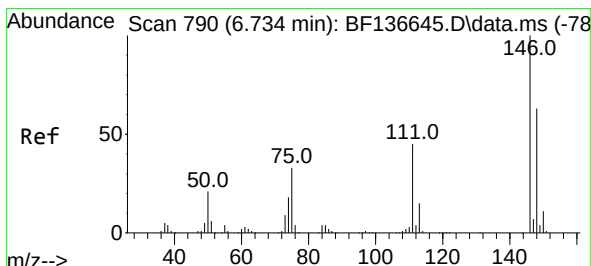
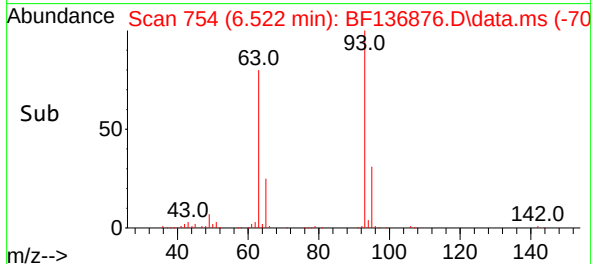
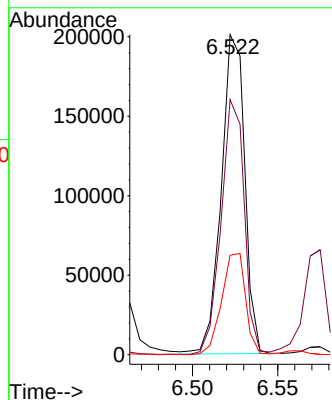
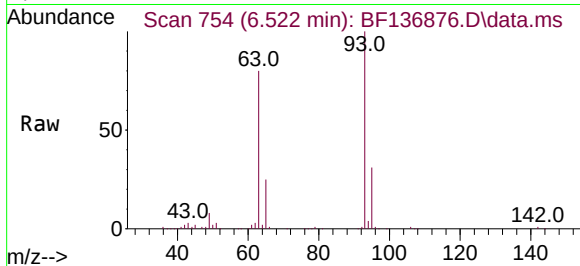




#11  
bis(2-Chloroethyl)ether  
Concen: 39.214 ng  
RT: 6.522 min Scan# 70  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

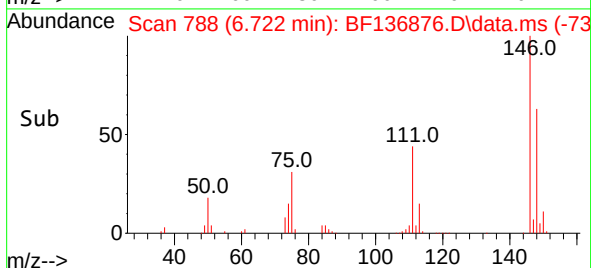
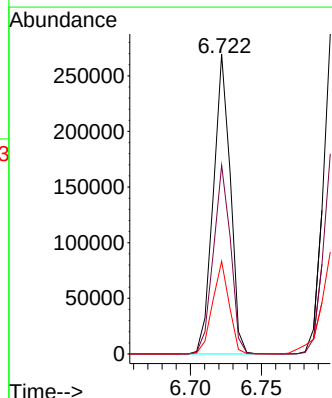
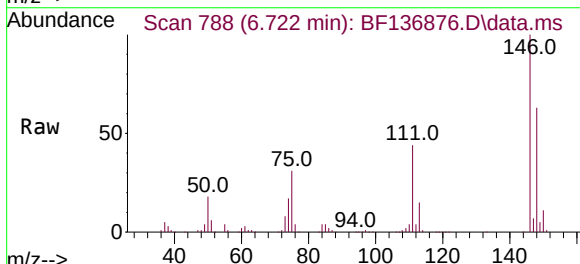
Instrument :  
BNA\_F  
ClientSampleId :

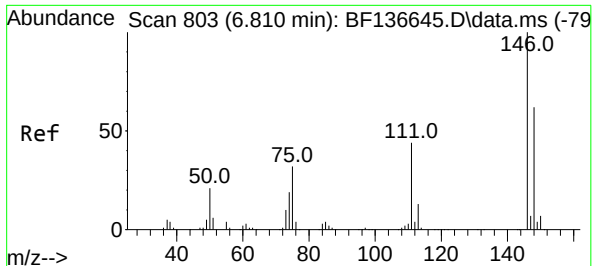
Tgt Ion: 93 Resp: 192173  
Ion Ratio Lower Upper  
93 100  
63 79.7 61.2 101.2  
95 31.1 11.6 51.6



#12  
1,3-Dichlorobenzene  
Concen: 40.222 ng  
RT: 6.722 min Scan# 788  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:146 Resp: 223693  
Ion Ratio Lower Upper  
146 100  
148 62.9 50.5 75.7  
75 30.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.070 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

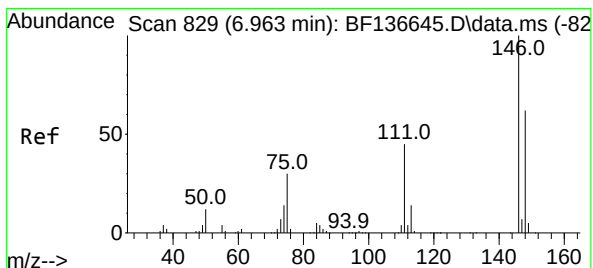
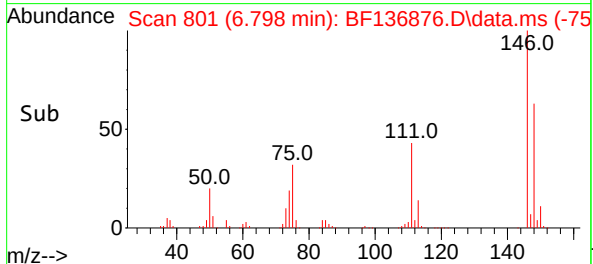
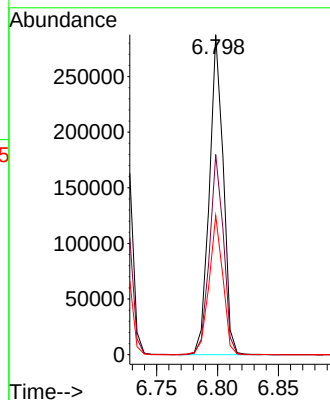
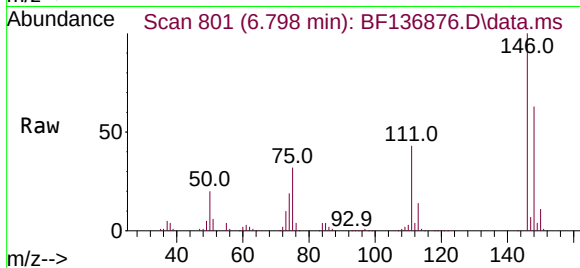
Tgt Ion:146 Resp: 227701

Ion Ratio Lower Upper

146 100

148 62.6 49.2 73.8

111 43.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.566 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

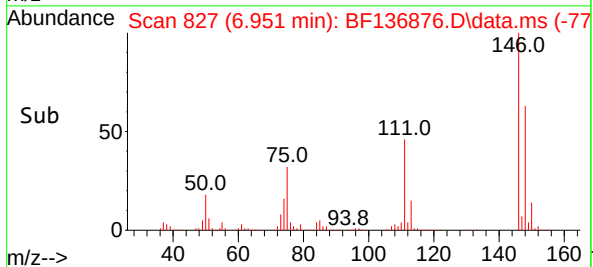
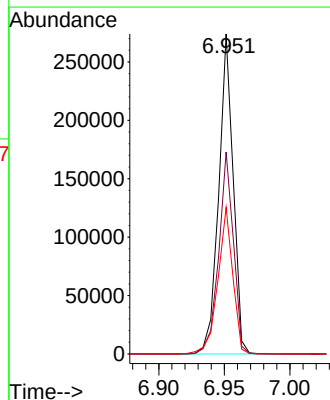
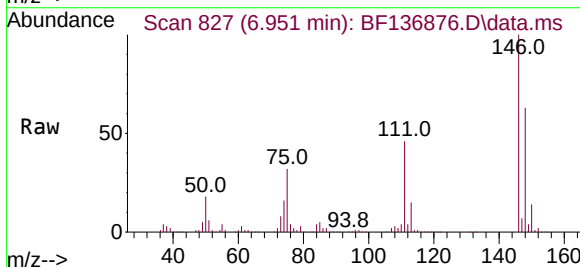
Tgt Ion:146 Resp: 209216

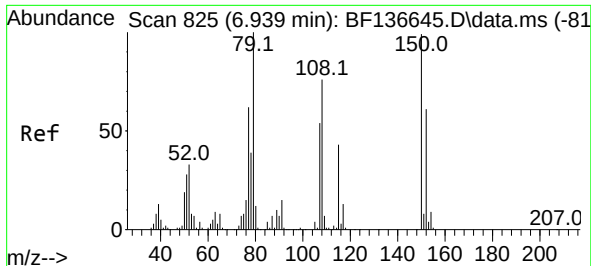
Ion Ratio Lower Upper

146 100

148 63.1 49.6 74.4

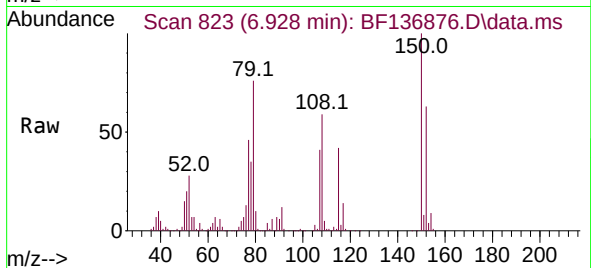
111 45.8 36.2 54.2



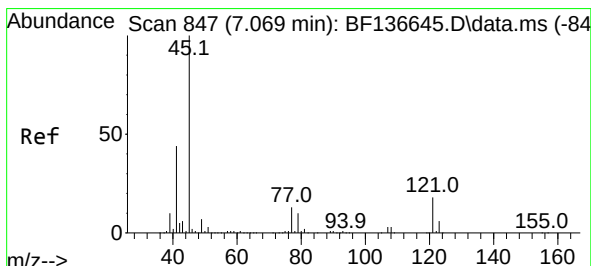
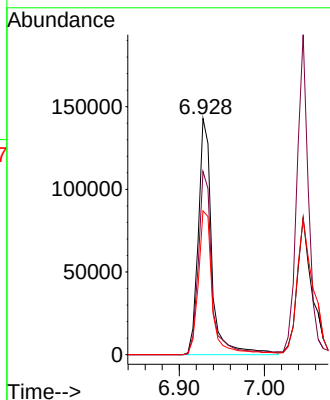
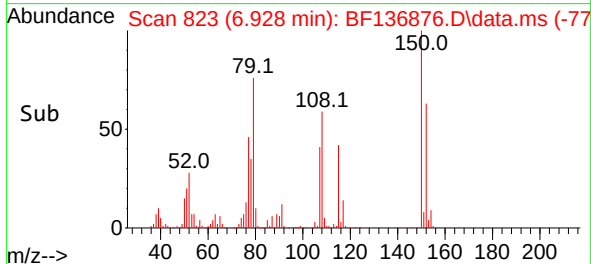


#15  
Benzyl Alcohol  
Concen: 38.765 ng  
RT: 6.928 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

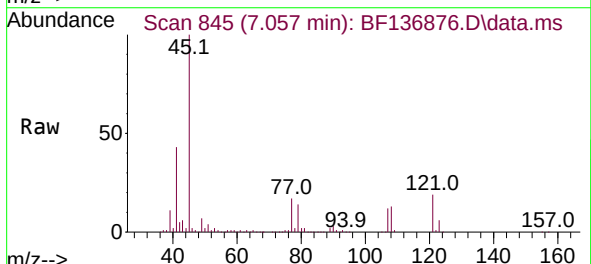
Instrument :  
BNA\_F  
ClientSampleId :



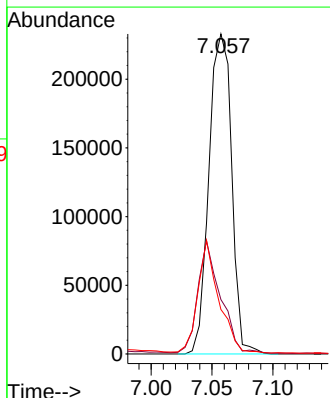
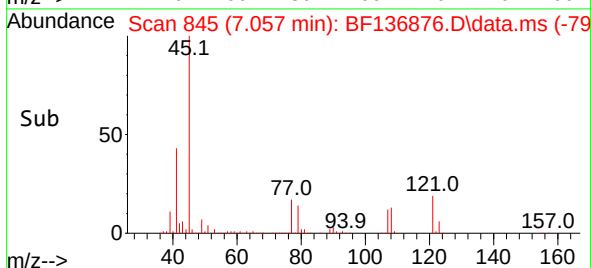
Tgt Ion: 79 Resp: 157869  
Ion Ratio Lower Upper  
79 100  
108 77.6 61.0 91.6  
77 60.9 49.8 74.8

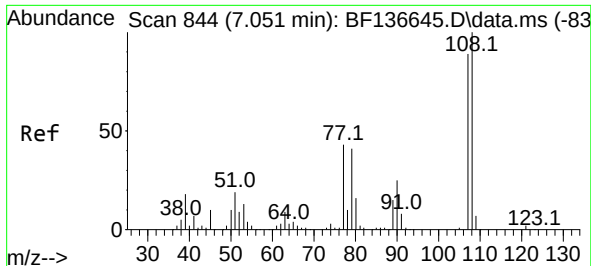


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.758 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49



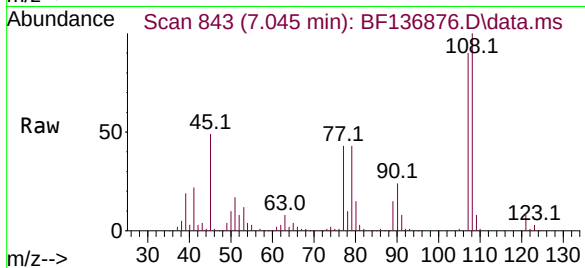
Tgt Ion: 45 Resp: 302520  
Ion Ratio Lower Upper  
45 100  
77 17.0 0.0 34.3  
79 13.9 0.0 31.4



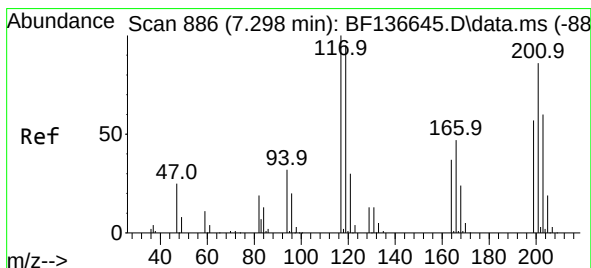
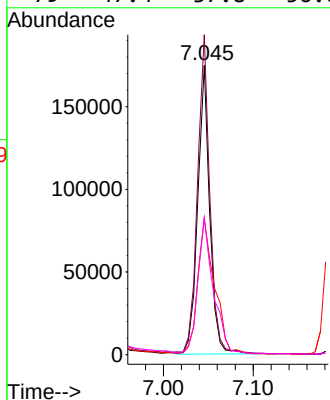
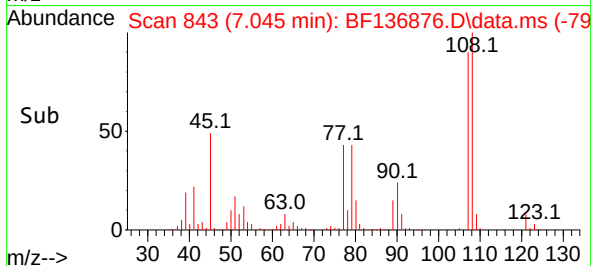


#17  
2-Methylphenol  
Concen: 38.564 ng  
RT: 7.045 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Instrument :  
BNA\_F  
ClientSampleId :

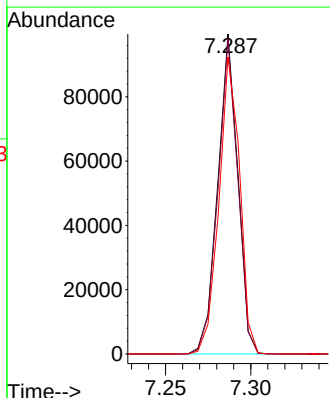
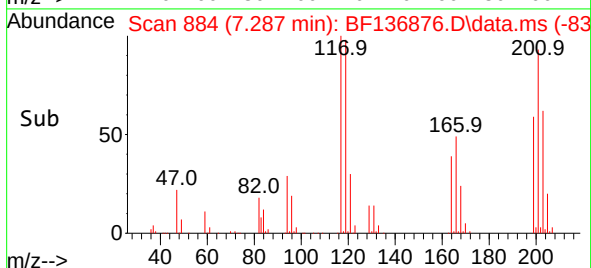
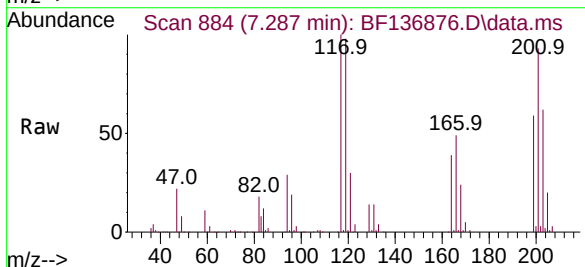


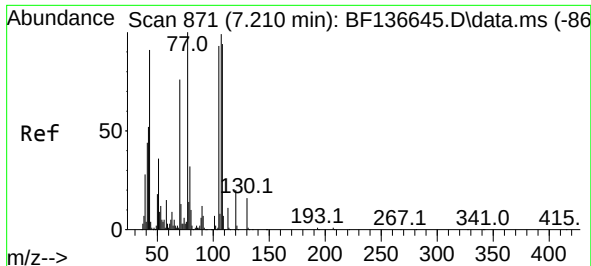
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 162871 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.6 | 90.3  | 135.5  |
| 77       | 47.1  | 38.7  | 58.1   |
| 79       | 47.4  | 37.8  | 56.6   |



#18  
Hexachloroethane  
Concen: 39.511 ng  
RT: 7.287 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

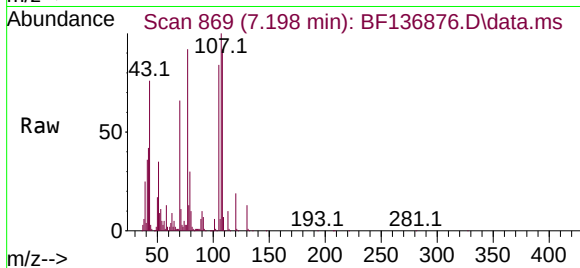
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 81541 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.4  | 75.8  | 113.6 |
| 201      | 92.8  | 69.1  | 103.7 |



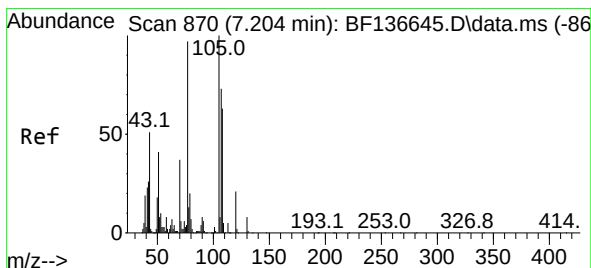
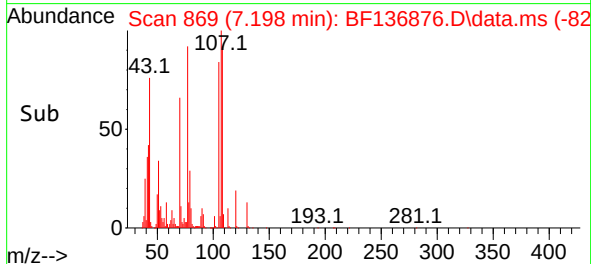
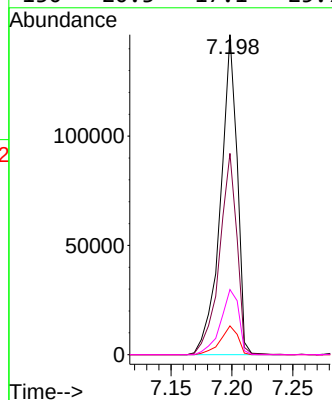


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.106 ng  
RT: 7.198 min Scan# 809  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Instrument :  
BNA\_F  
ClientSampleId :

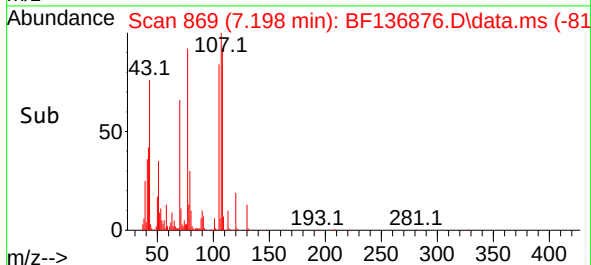
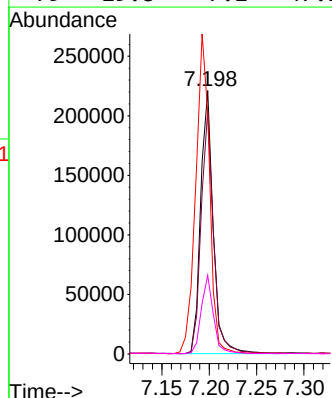
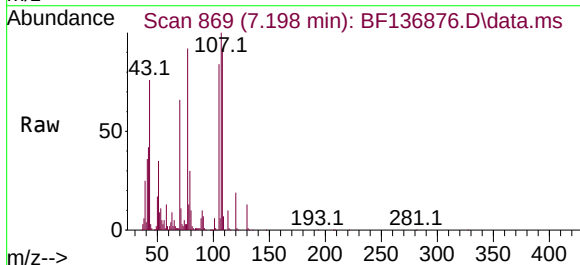


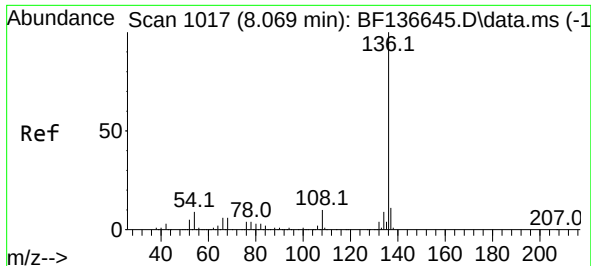
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 139441 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 62.9  | 54.2  | 81.4   |
| 101      | 9.0   | 7.6   | 11.4   |
| 130      | 20.3  | 17.1  | 25.7   |



#20  
3+4-Methylphenols  
Concen: 38.663 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

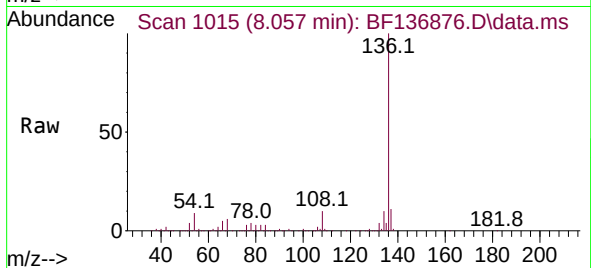
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 204000 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.4  | 66.0  | 106.0  |
| 77       | 91.7  | 114.2 | 154.2# |
| 79       | 29.8  | 7.2   | 47.2   |



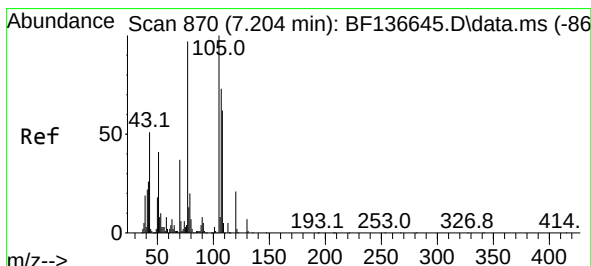
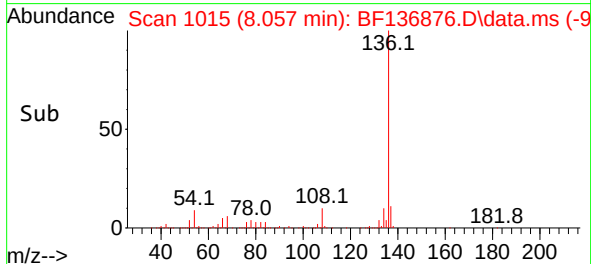
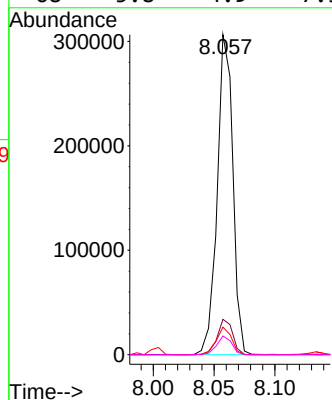


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Instrument :  
BNA\_F  
ClientSampleId :

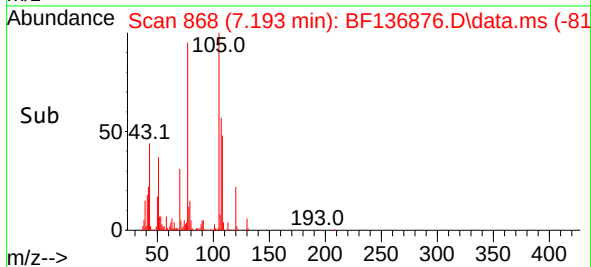
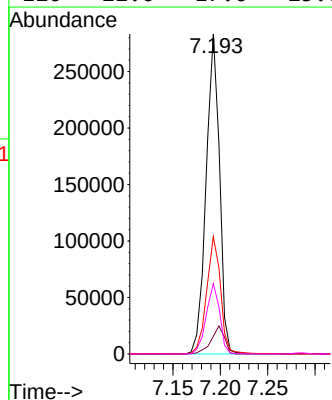
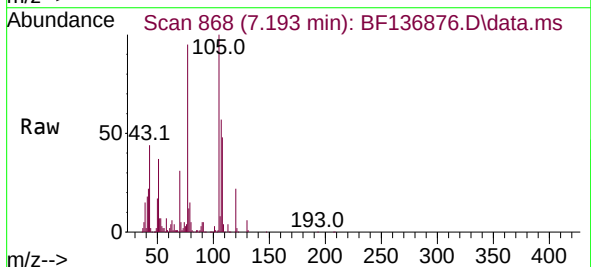


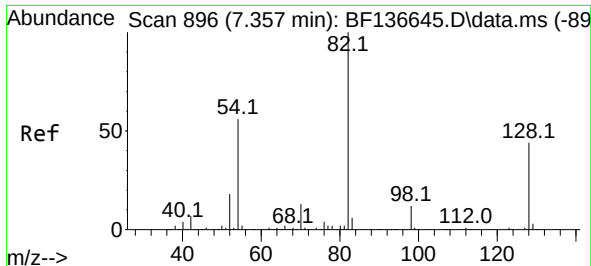
Tgt Ion:136 Resp: 274527  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 8.6 7.2 10.8  
68 5.8 4.9 7.3



#22  
Acetophenone  
Concen: 40.517 ng  
RT: 7.193 min Scan# 868  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:105 Resp: 278795  
Ion Ratio Lower Upper  
105 100  
71 5.5 4.8 7.2  
51 36.6 32.8 49.2  
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.493 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

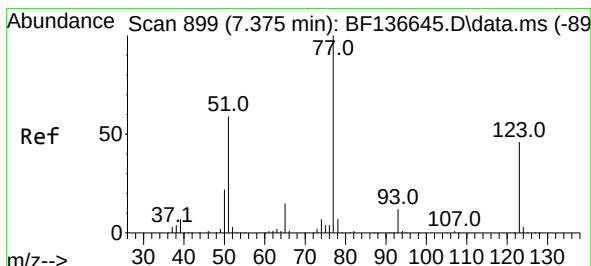
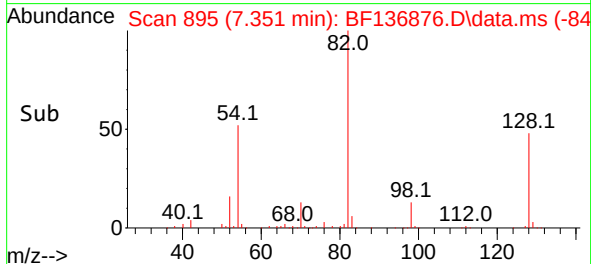
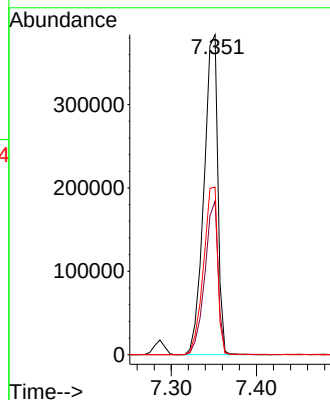
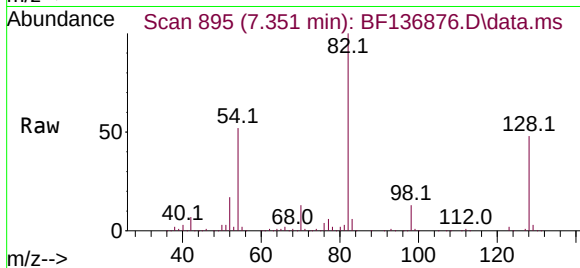
Tgt Ion: 82 Resp: 431835

Ion Ratio Lower Upper

82 100

128 48.0 35.3 52.9

54 52.4 44.5 66.7



#24

Nitrobenzene

Concen: 40.346 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

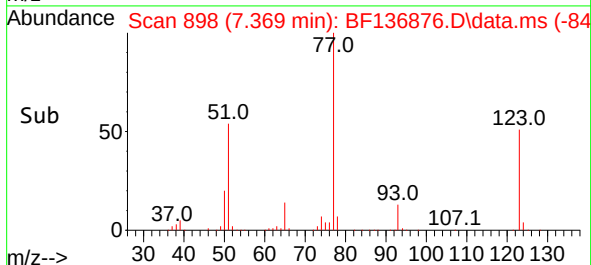
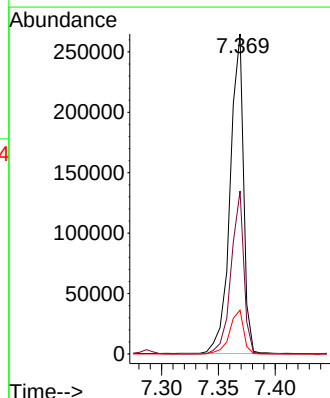
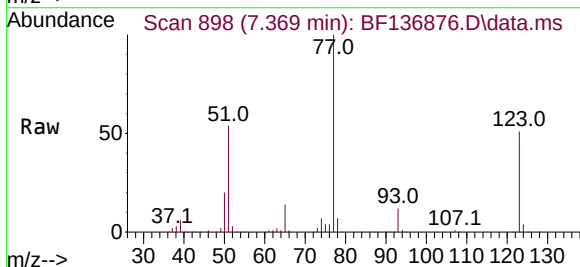
Tgt Ion: 77 Resp: 216827

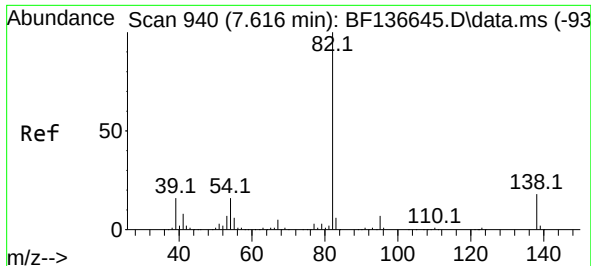
Ion Ratio Lower Upper

77 100

123 50.9 36.7 55.1

65 13.7 11.8 17.6

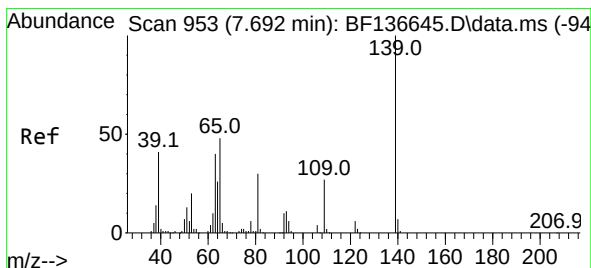
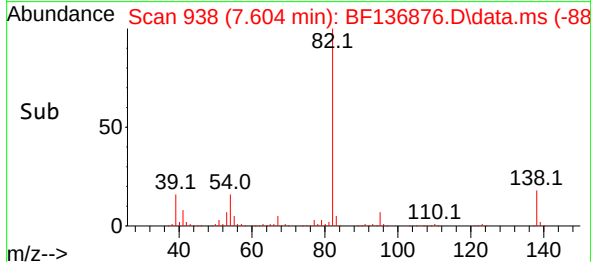
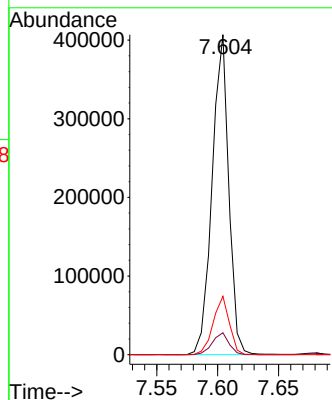
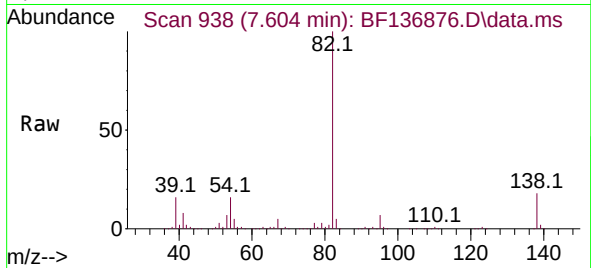




#25  
Isophorone  
Concen: 39.464 ng  
RT: 7.604 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

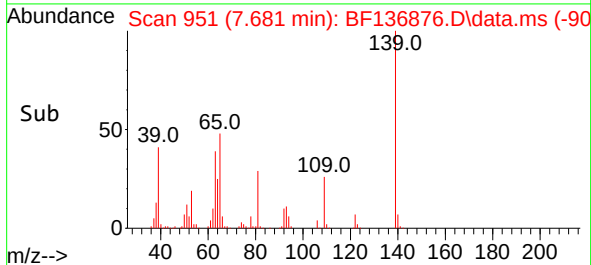
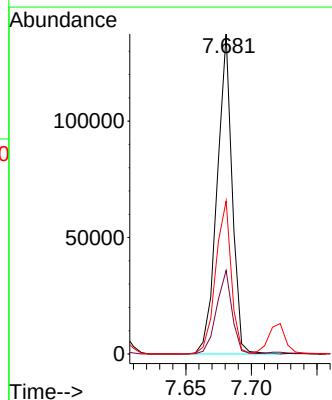
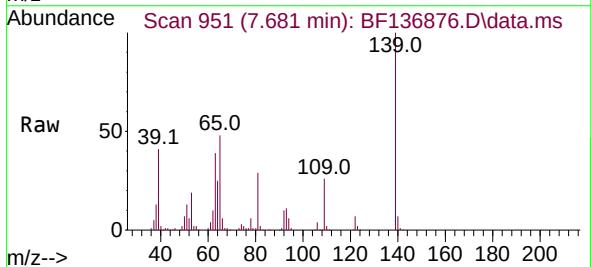
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 82 Resp: 385247  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.5 8.3  
138 18.2 14.5 21.7

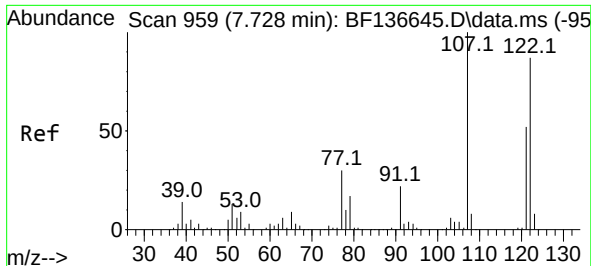


#26  
2-Nitrophenol  
Concen: 42.589 ng  
RT: 7.681 min Scan# 951  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:139 Resp: 109508  
Ion Ratio Lower Upper  
139 100  
109 26.1 21.9 32.9  
65 47.8 38.6 58.0







#27

2,4-Dimethylphenol

Concen: 41.149 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

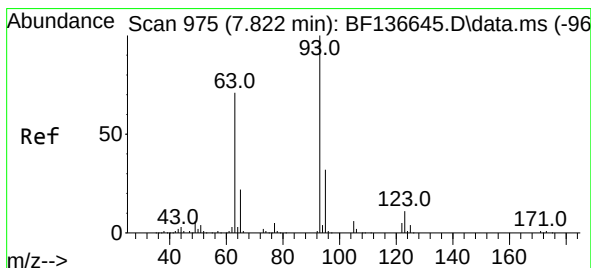
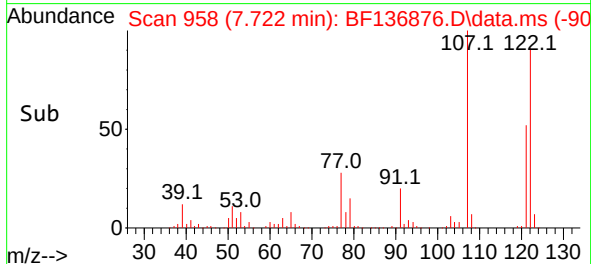
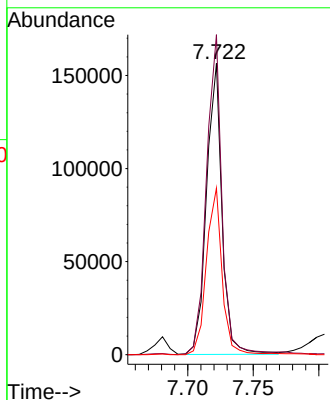
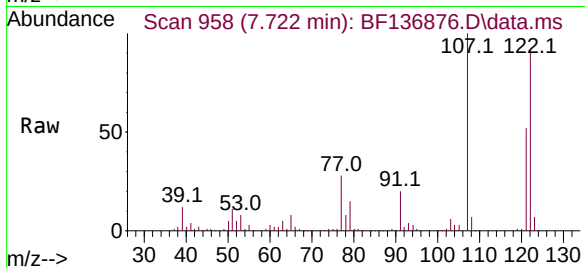
Tgt Ion:122 Resp: 128812

Ion Ratio Lower Upper

122 100

107 109.9 92.0 138.0

121 57.2 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.379 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

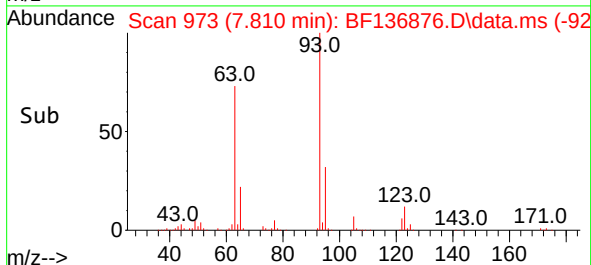
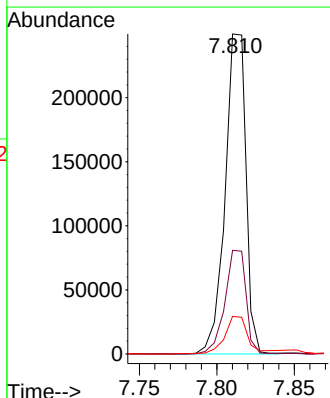
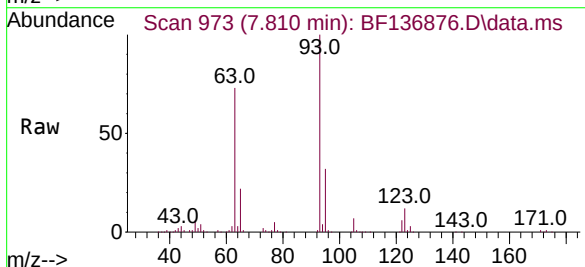
Tgt Ion: 93 Resp: 233666

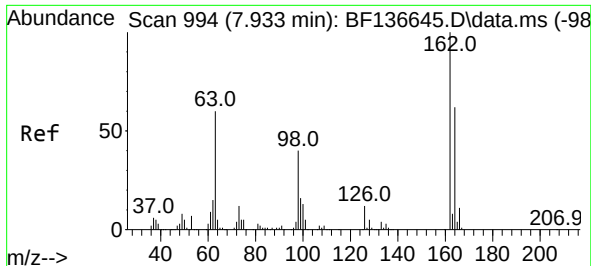
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.951 ng

RT: 7.922 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

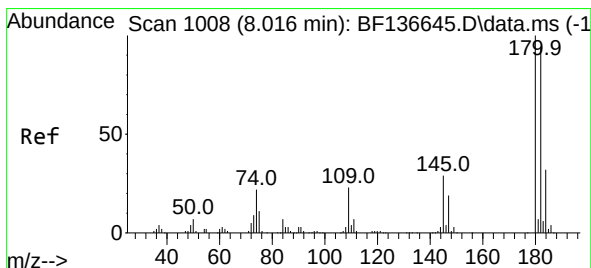
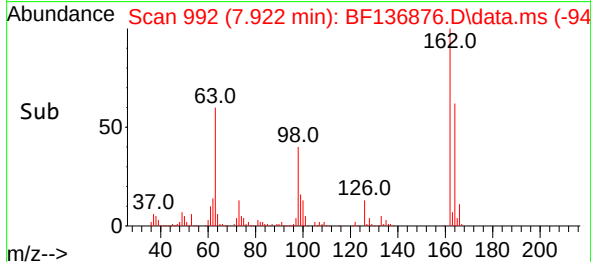
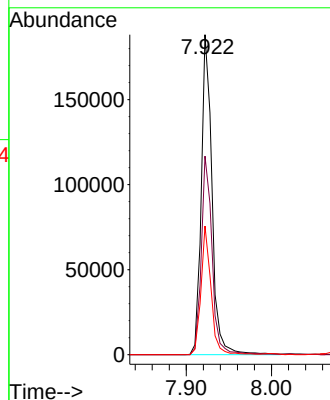
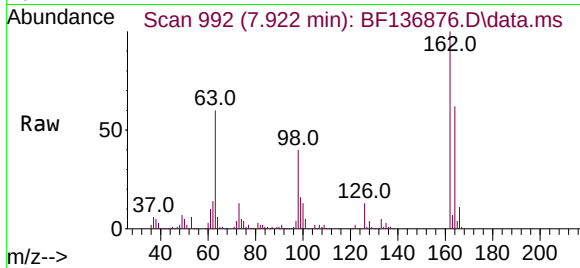
Tgt Ion:162 Resp: 165037

Ion Ratio Lower Upper

162 100

164 62.1 41.7 81.7

98 40.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.754 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

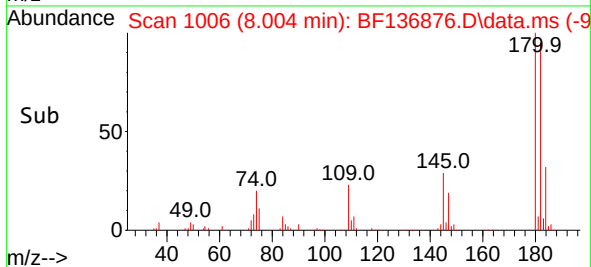
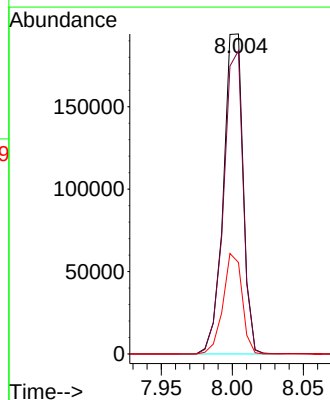
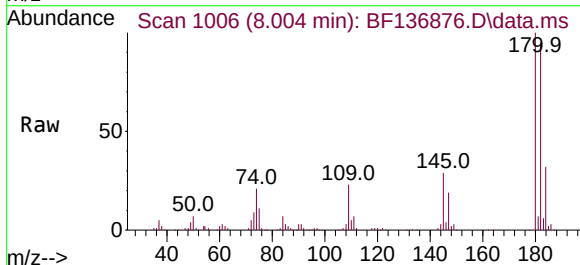
Tgt Ion:180 Resp: 187484

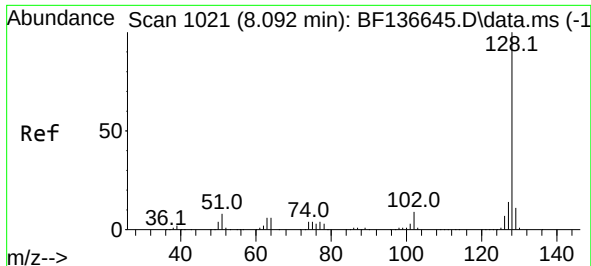
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.0

145 28.6 23.1 34.7

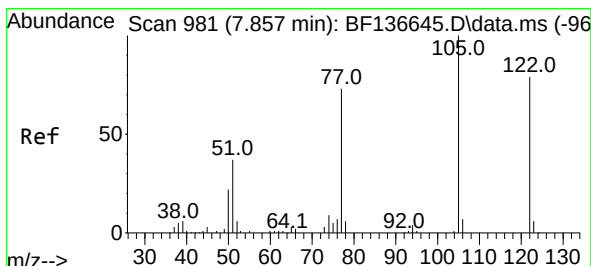
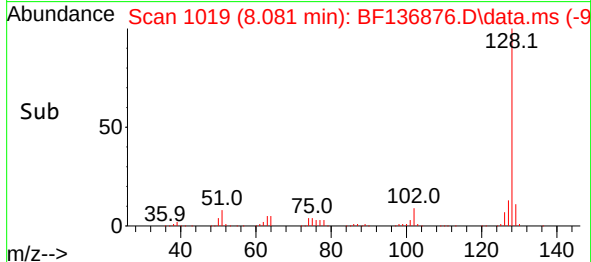
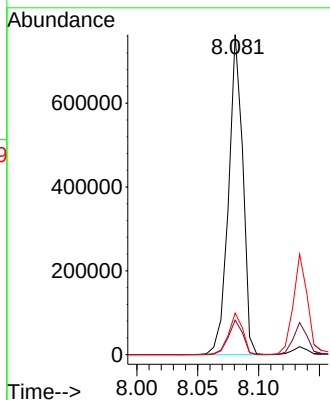
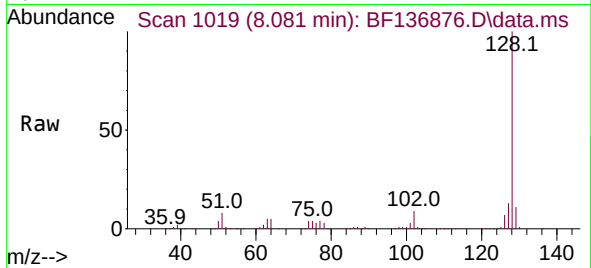




#31  
Naphthalene  
Concen: 41.041 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

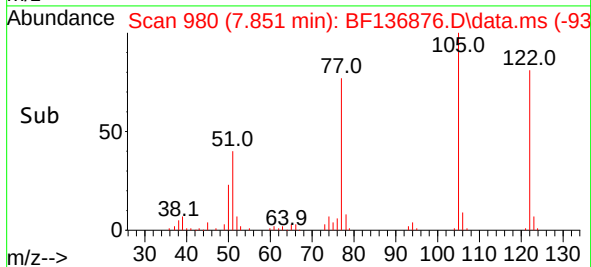
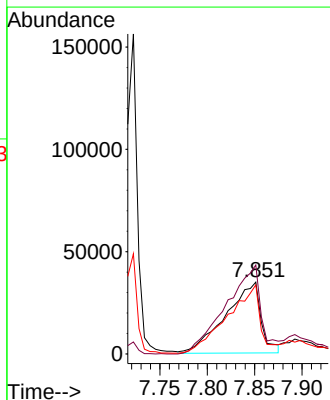
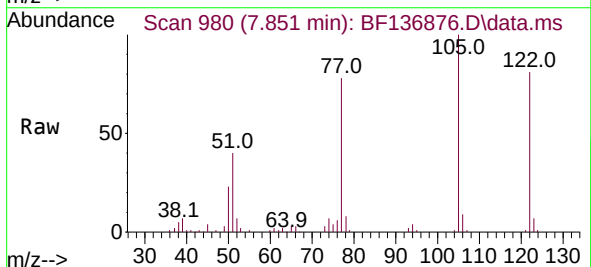
Instrument :  
BNA\_F  
ClientSampleId :

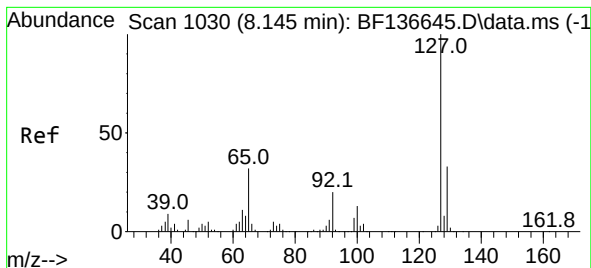
Tgt Ion:128 Resp: 618968  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 13.0 10.8 16.2



#32  
Benzoic acid  
Concen: 29.814 ng  
RT: 7.851 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:122 Resp: 90301  
Ion Ratio Lower Upper  
122 100  
105 123.9 100.8 140.8  
77 96.2 70.9 110.9





#33

4-Chloroaniline

Concen: 38.949 ng

RT: 8.134 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 216886

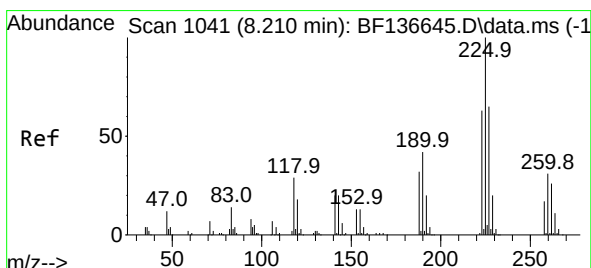
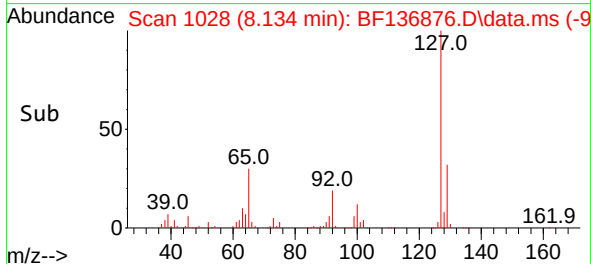
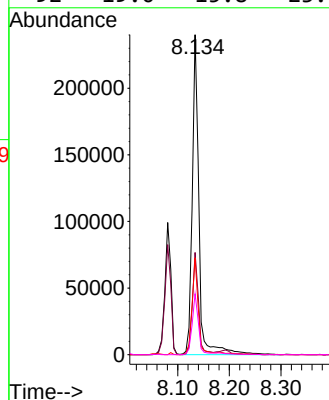
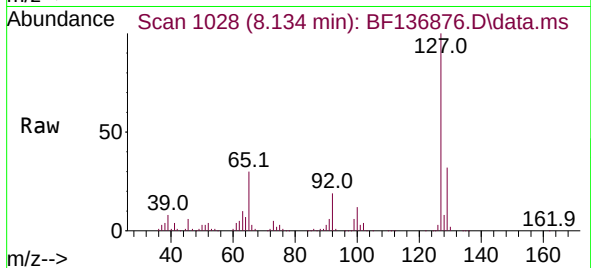
Ion Ratio Lower Upper

127 100

129 32.0 26.3 39.5

65 30.3 25.8 38.8

92 19.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 41.084 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.017 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

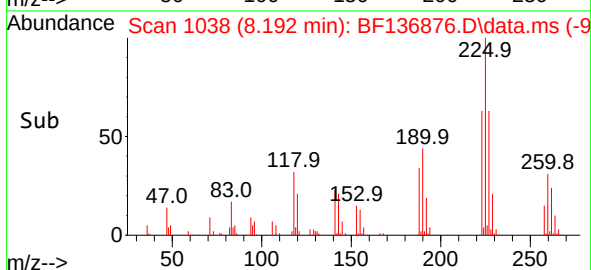
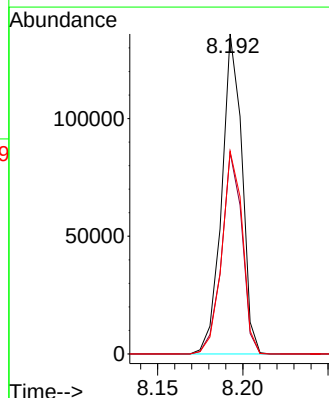
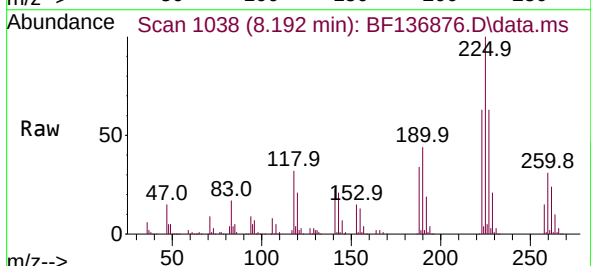
Tgt Ion:225 Resp: 112081

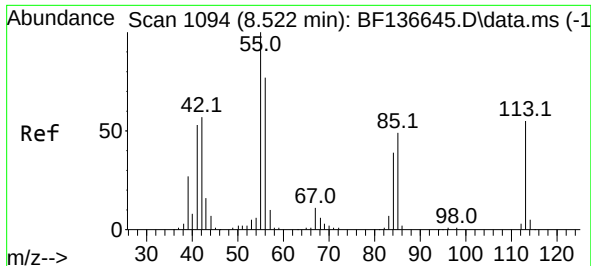
Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

227 63.3 51.9 77.9

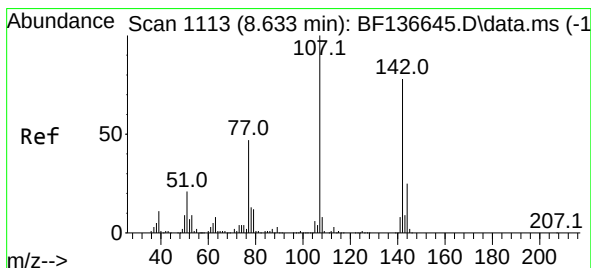
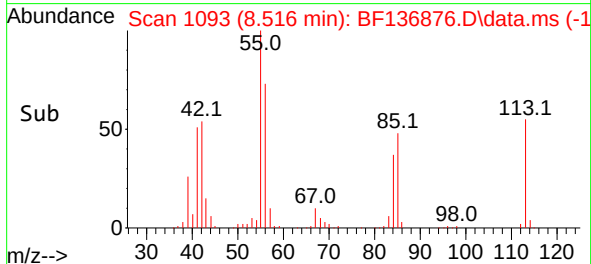
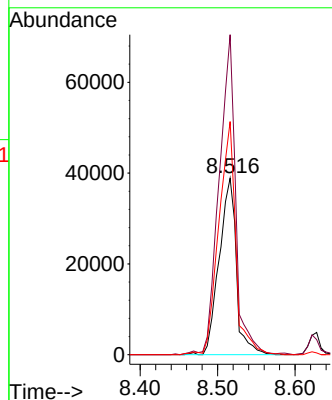
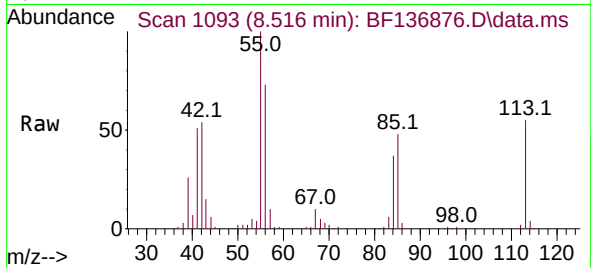




#35  
Caprolactam  
Concen: 45.018 ng  
RT: 8.516 min Scan# 1093  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

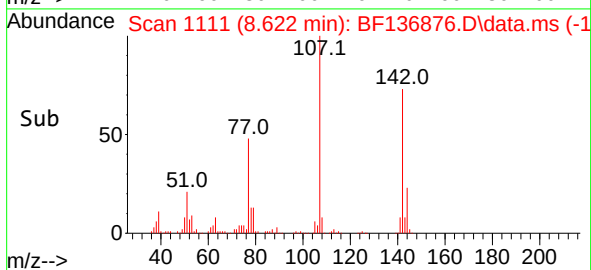
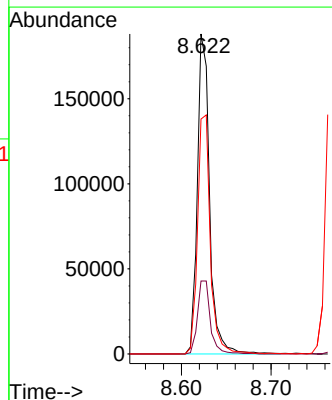
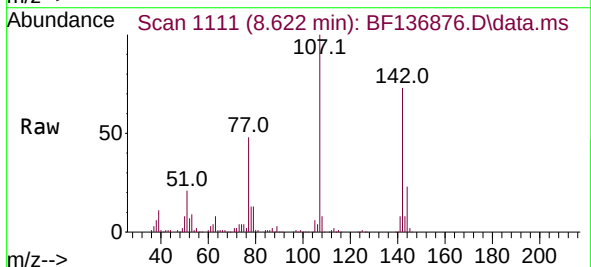
Instrument :  
BNA\_F  
ClientSampleId :

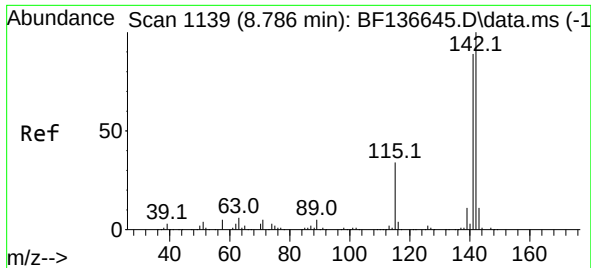
Tgt Ion:113 Resp: 59851  
Ion Ratio Lower Upper  
113 100  
55 181.4 163.1 203.1  
56 132.2 121.7 161.7



#36  
4-Chloro-3-methylphenol  
Concen: 39.263 ng  
RT: 8.622 min Scan# 1111  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:107 Resp: 178136  
Ion Ratio Lower Upper  
107 100  
144 22.8 20.2 30.2  
142 73.4 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.371 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

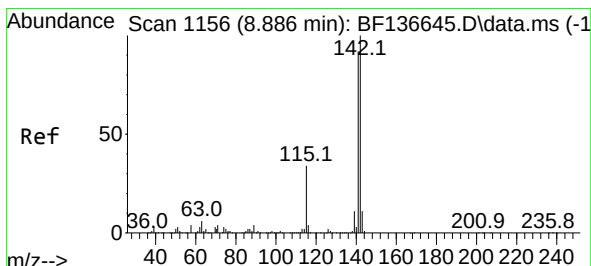
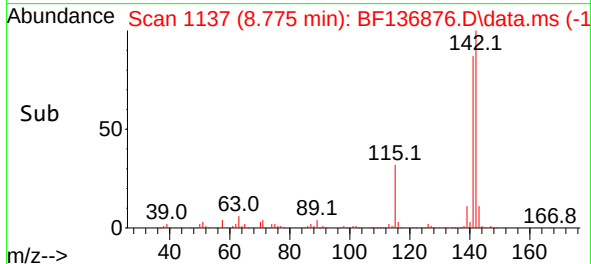
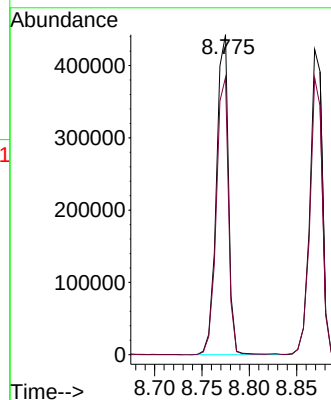
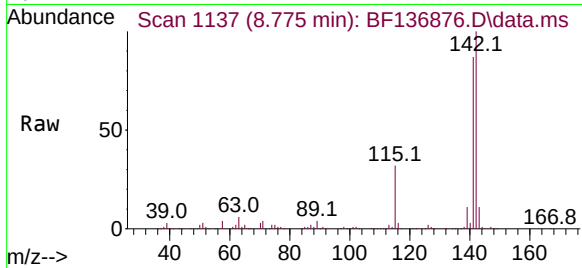
ClientSampleId :

Tgt Ion:142 Resp: 391844

Ion Ratio Lower Upper

142 100

141 86.7 71.1 106.7



#38

1-Methylnaphthalene

Concen: 40.397 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.017 min

Lab File: BF136876.D

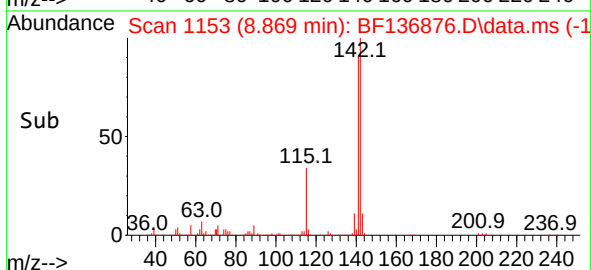
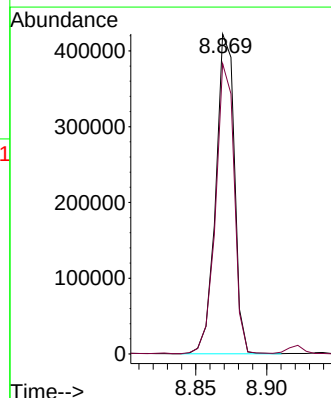
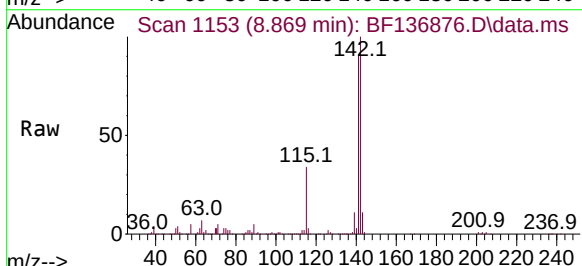
Acq: 02 Jan 2024 17:49

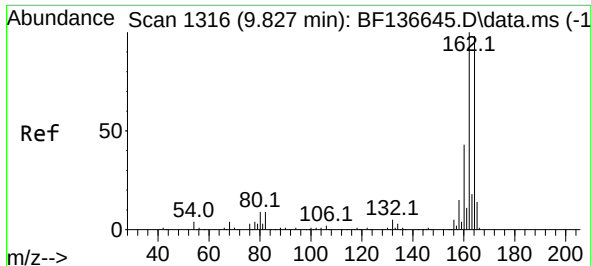
Tgt Ion:142 Resp: 384686

Ion Ratio Lower Upper

142 100

141 90.7 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

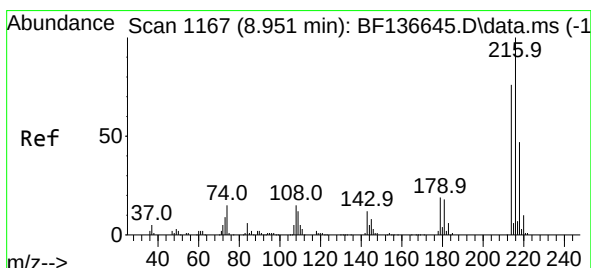
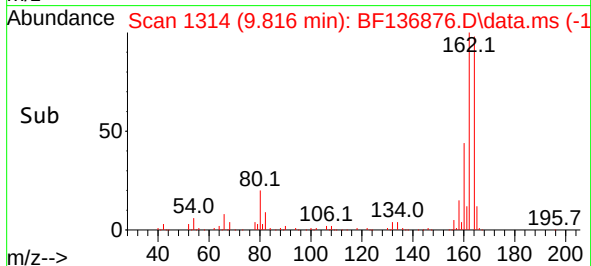
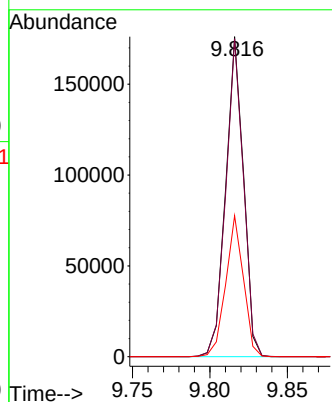
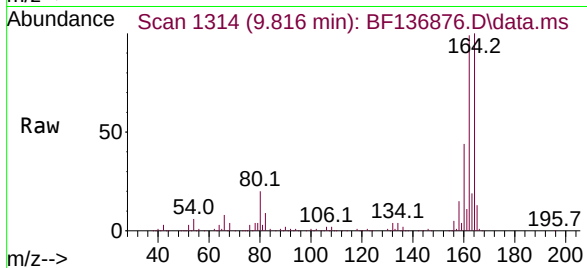
Tgt Ion:164 Resp: 140627

Ion Ratio Lower Upper

164 100

162 99.3 81.6 122.4

160 44.1 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.834 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Tgt Ion:216 Resp: 182194

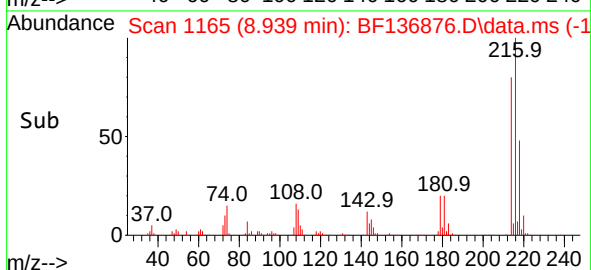
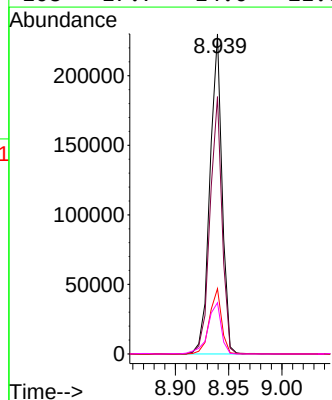
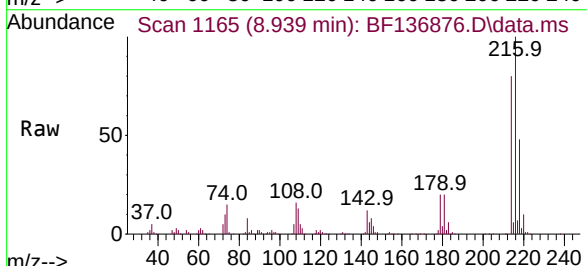
Ion Ratio Lower Upper

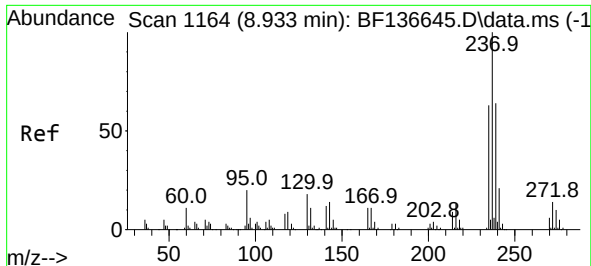
216 100

214 79.7 62.3 93.5

179 20.2 16.4 24.6

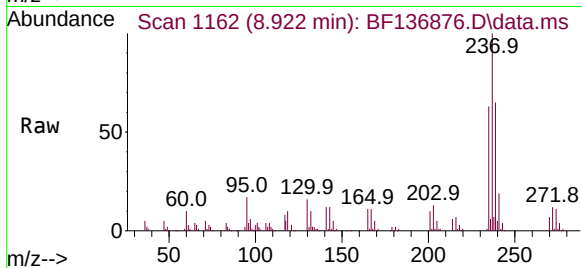
108 17.7 14.0 21.0



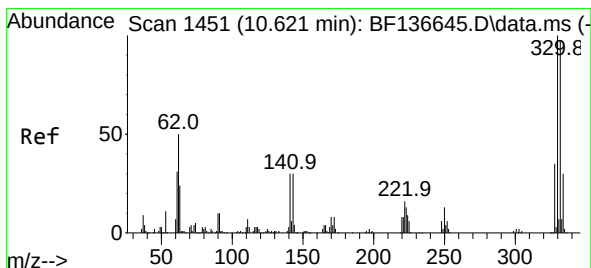
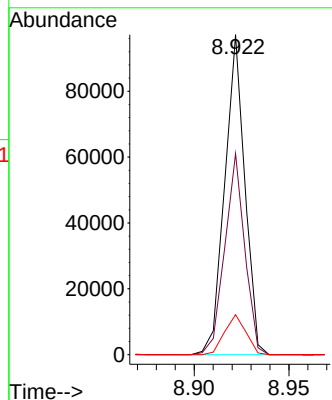
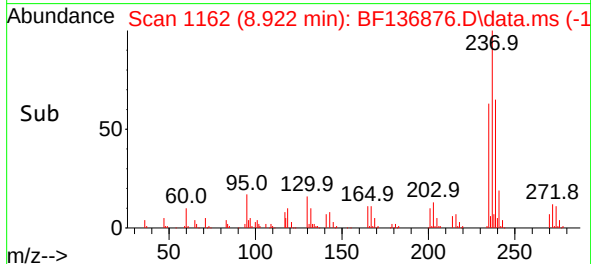


#41  
Hexachlorocyclopentadiene  
Concen: 53.363 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

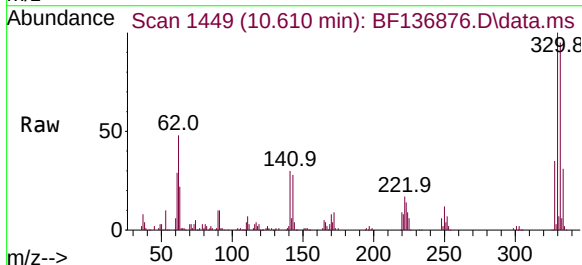
Instrument :  
BNA\_F  
ClientSampleId :



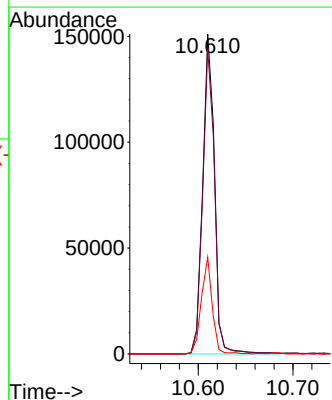
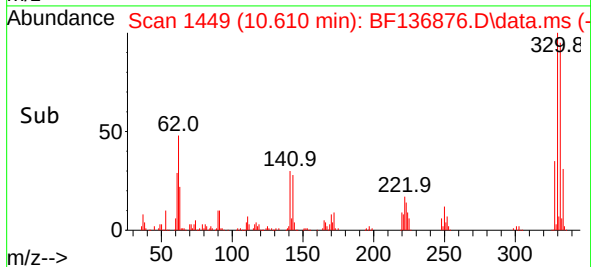
Tgt Ion:237 Resp: 71688  
Ion Ratio Lower Upper  
237 100  
235 62.9 43.2 83.2  
272 12.5 0.0 34.2



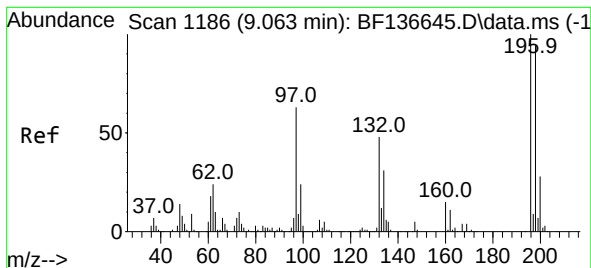
#42  
2,4,6-Tribromophenol  
Concen: 78.839 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49



Tgt Ion:330 Resp: 130573  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.4 116.0  
141 28.1 23.4 35.2







#43

2,4,6-Trichlorophenol

Concen: 40.160 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

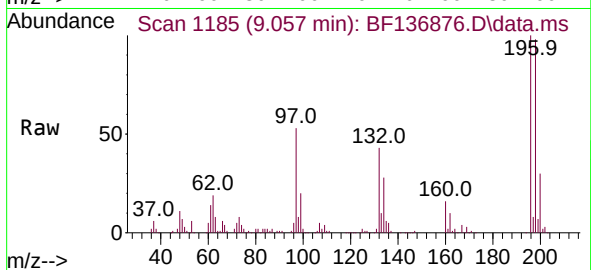
Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :



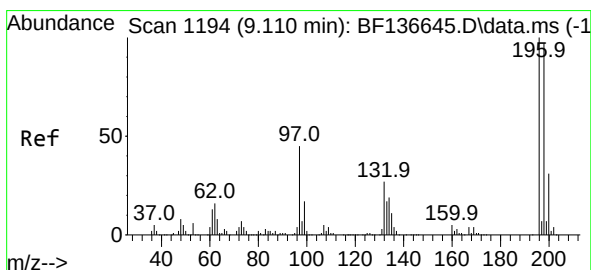
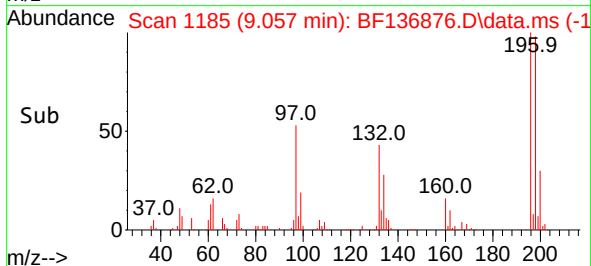
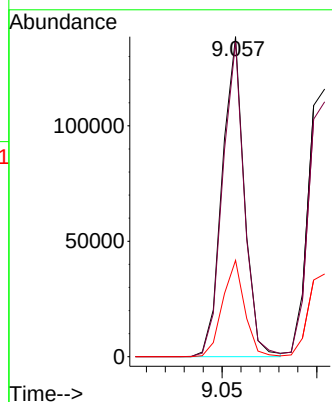
Tgt Ion:196 Resp: 112168

Ion Ratio Lower Upper

196 100

198 98.3 75.1 112.7

200 30.1 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 39.915 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Tgt Ion:196 Resp: 124232

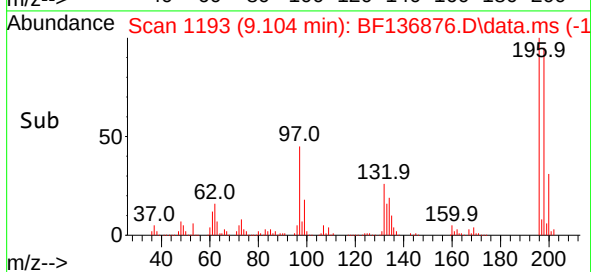
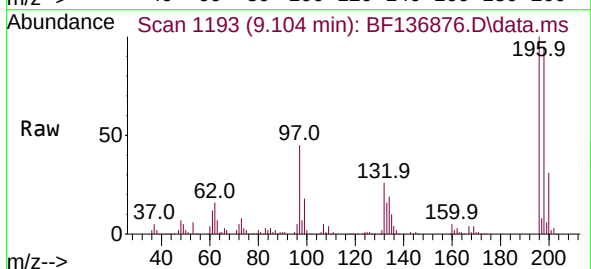
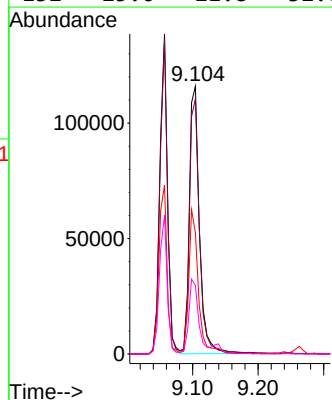
Ion Ratio Lower Upper

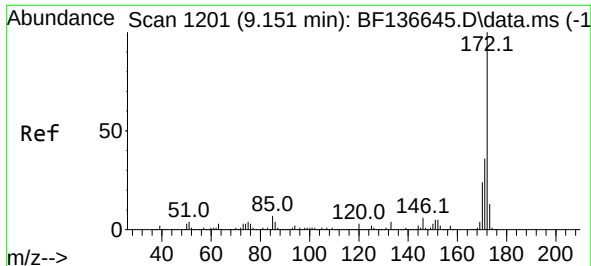
196 100

198 95.2 77.0 115.6

97 45.2 36.1 54.1

132 25.6 21.8 32.6

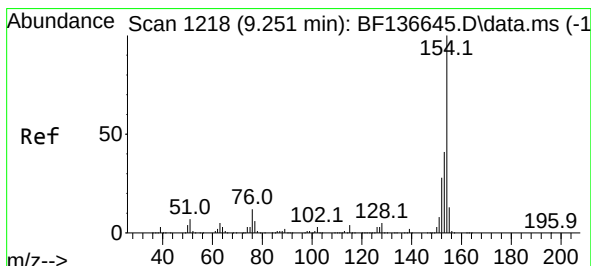
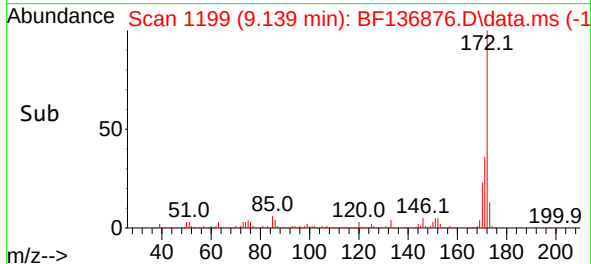
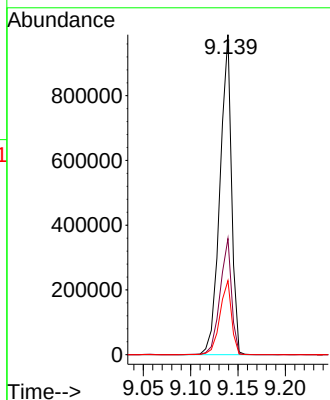
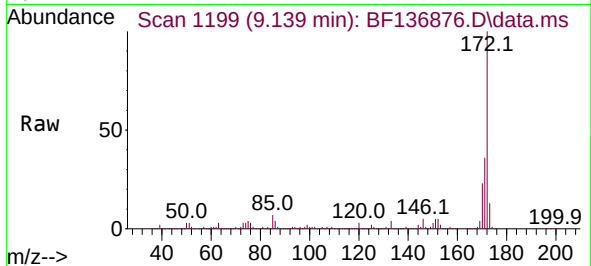




#45  
2-Fluorobiphenyl  
Concen: 80.704 ng  
RT: 9.139 min Scan# 1119  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

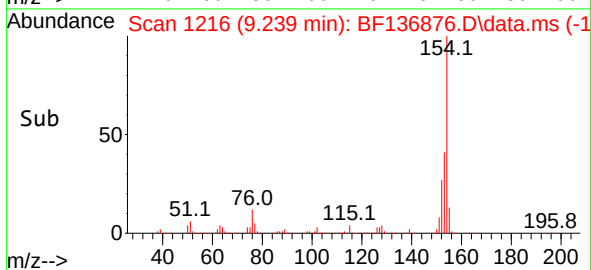
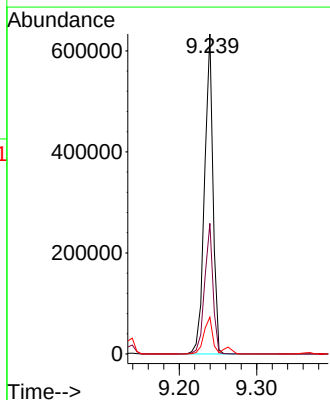
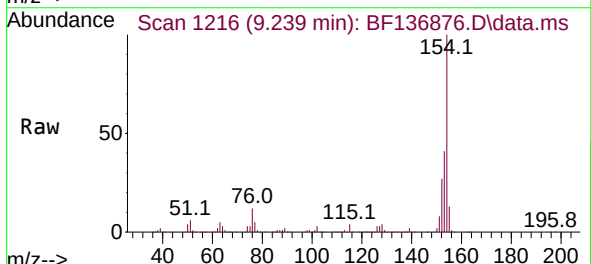
Instrument :  
BNA\_F  
ClientSampleId :

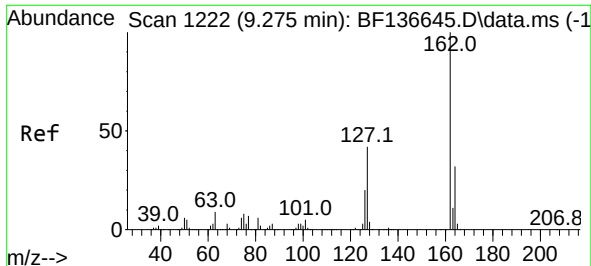
Tgt Ion:172 Resp: 843809  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.6  
170 23.1 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 40.670 ng  
RT: 9.239 min Scan# 1216  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:154 Resp: 479933  
Ion Ratio Lower Upper  
154 100  
153 40.8 21.1 61.1  
76 11.5 0.0 31.7

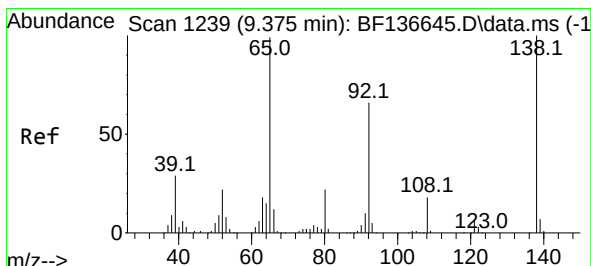
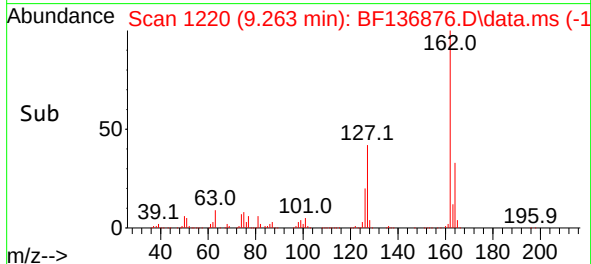
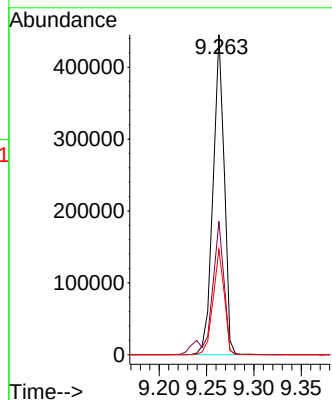
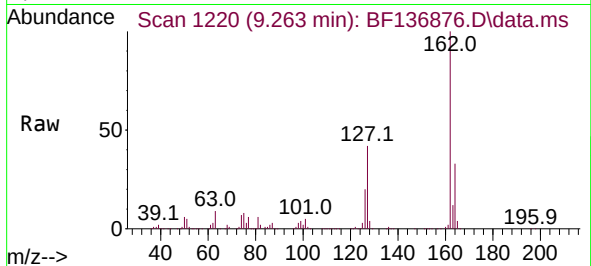




#47  
2-Chloronaphthalene  
Concen: 40.745 ng  
RT: 9.263 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

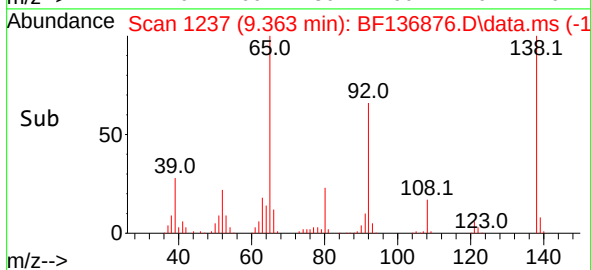
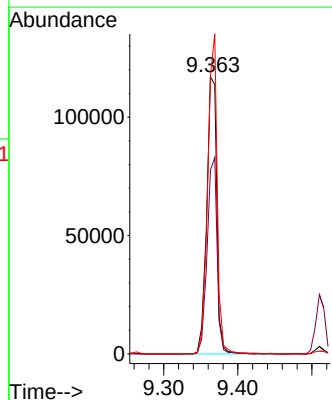
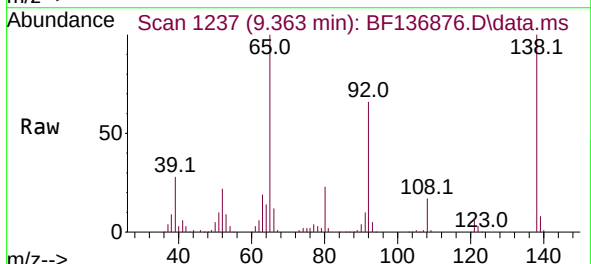
Instrument :  
BNA\_F  
ClientSampleId :

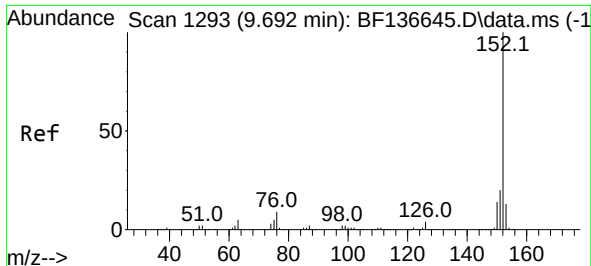
Tgt Ion:162 Resp: 365526  
Ion Ratio Lower Upper  
162 100  
127 41.6 33.6 50.4  
164 32.9 25.7 38.5



#48  
2-Nitroaniline  
Concen: 39.714 ng  
RT: 9.363 min Scan# 1237  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

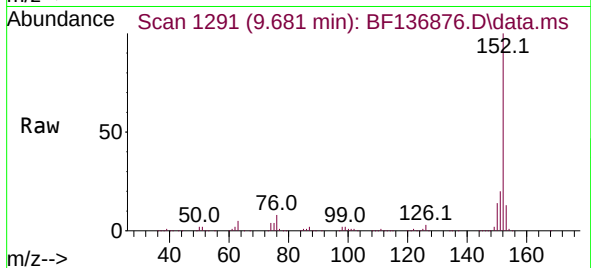
Tgt Ion: 65 Resp: 111567  
Ion Ratio Lower Upper  
65 100  
92 66.3 53.2 79.8  
138 100.3 81.1 121.7



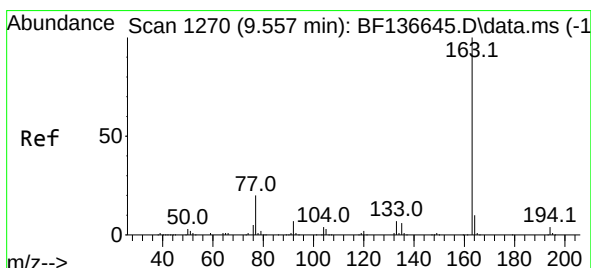
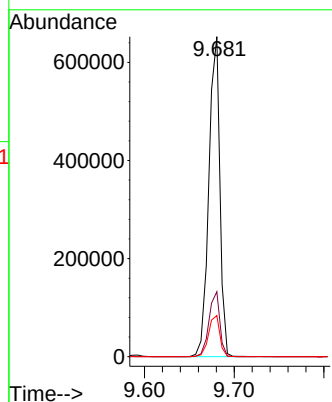
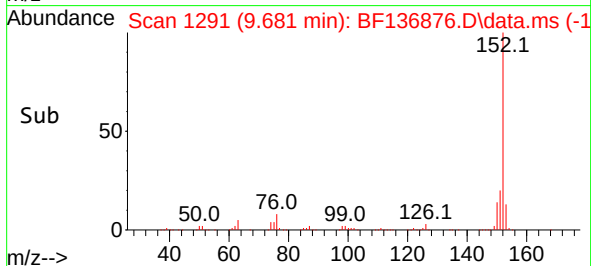


#49  
Acenaphthylene  
Concen: 40.562 ng  
RT: 9.681 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

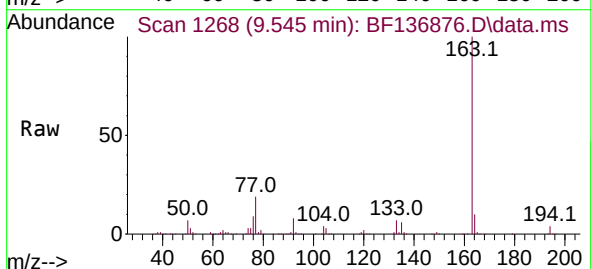
Instrument :  
BNA\_F  
ClientSampleId :



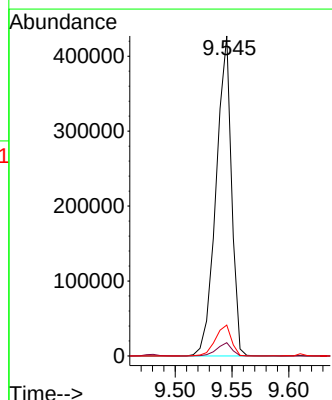
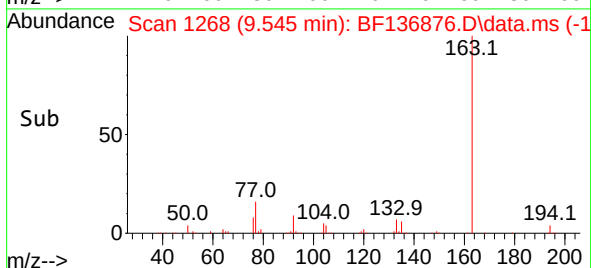
Tgt Ion:152 Resp: 556200  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.4  
153 12.9 10.2 15.2

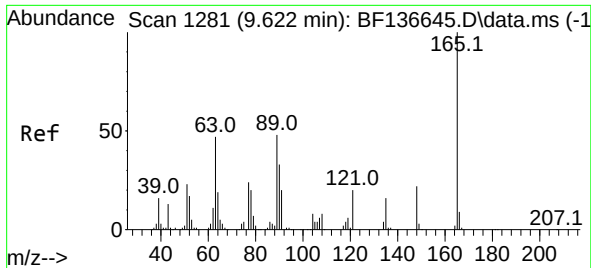


#50  
Dimethylphthalate  
Concen: 39.223 ng  
RT: 9.545 min Scan# 1268  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49



Tgt Ion:163 Resp: 402892  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 9.7 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 40.820 ng

RT: 9.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

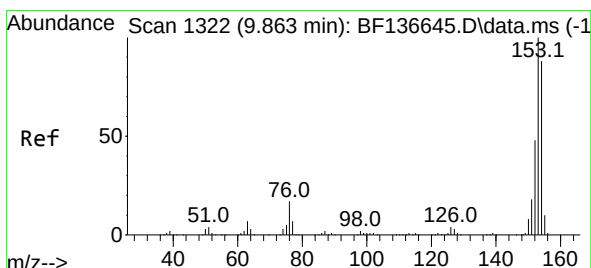
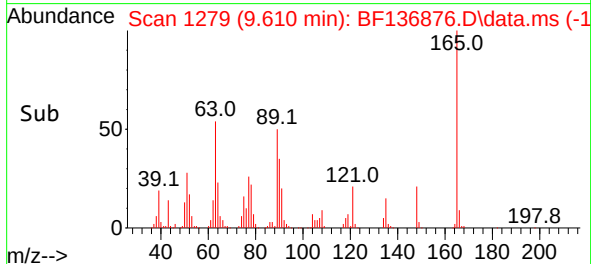
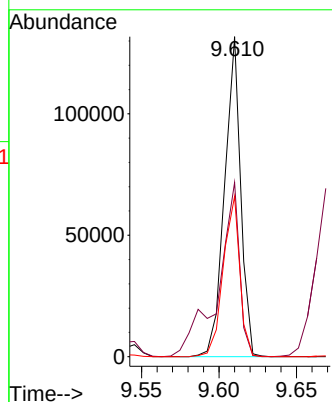
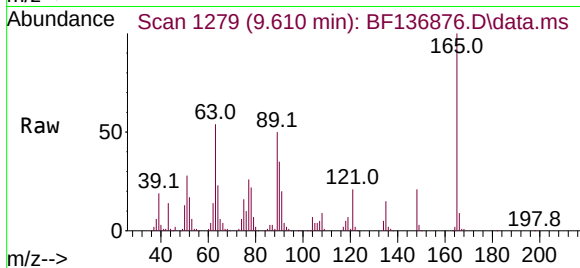
Tgt Ion:165 Resp: 95158

Ion Ratio Lower Upper

165 100

63 54.5 39.8 59.6

89 50.1 38.8 58.2



#52

Acenaphthene

Concen: 40.018 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

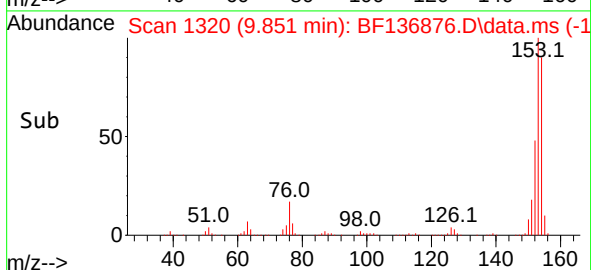
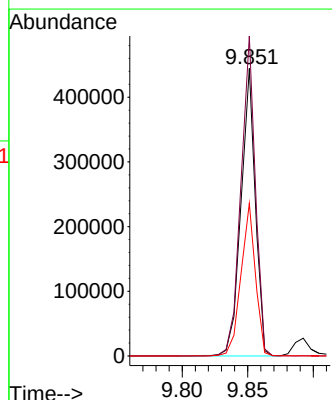
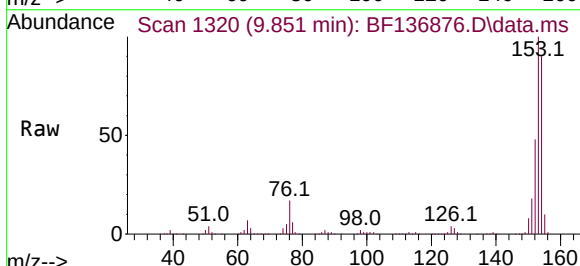
Tgt Ion:154 Resp: 340150

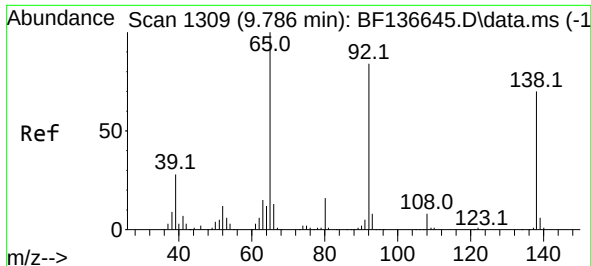
Ion Ratio Lower Upper

154 100

153 111.3 90.7 136.1

152 53.1 43.7 65.5

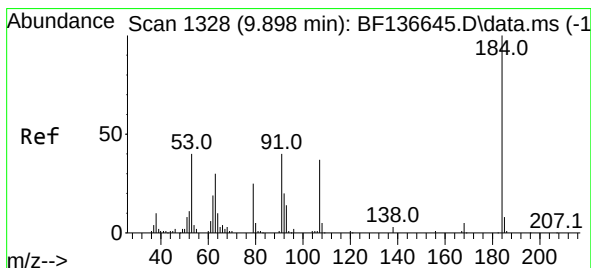
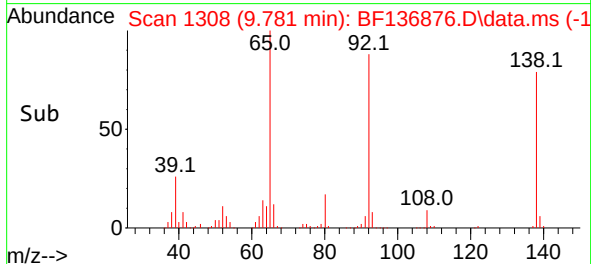
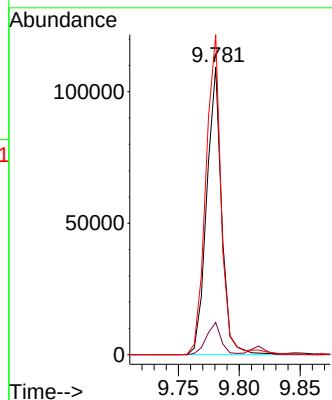
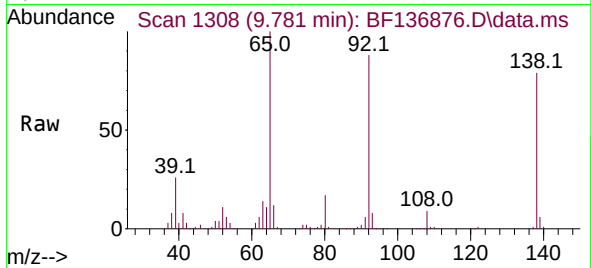




#53  
3-Nitroaniline  
Concen: 37.755 ng  
RT: 9.781 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

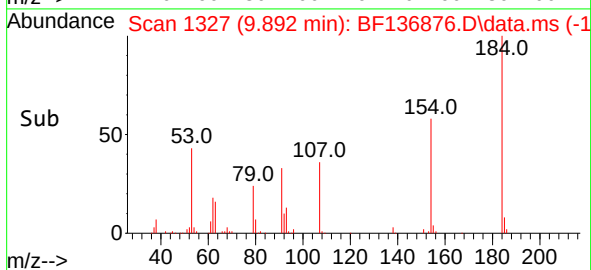
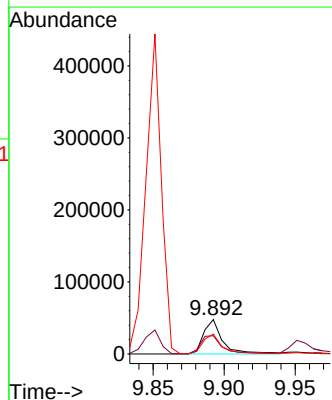
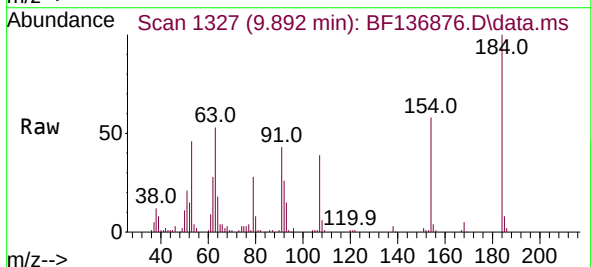
Instrument :  
BNA\_F  
ClientSampleId :

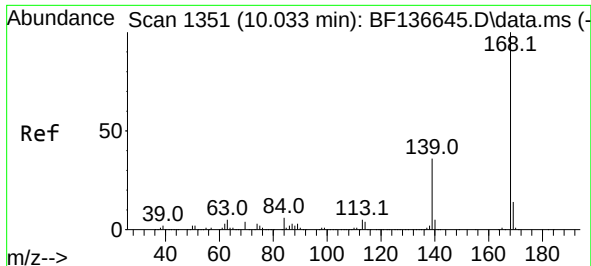
Tgt Ion:138 Resp: 93234  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.6 12.8  
92 111.2 95.2 142.8



#54  
2,4-Dinitrophenol  
Concen: 36.756 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

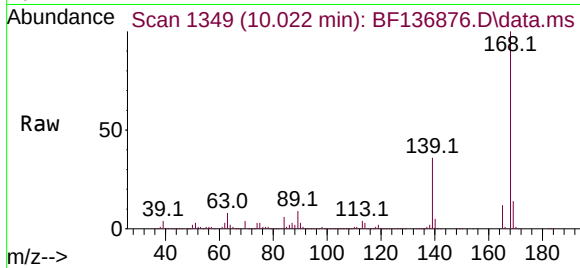
Tgt Ion:184 Resp: 44752  
Ion Ratio Lower Upper  
184 100  
63 53.1 40.9 61.3  
154 57.7 42.7 64.1



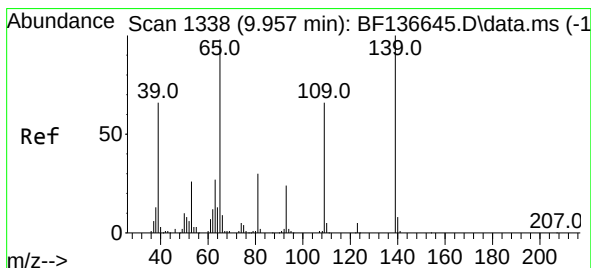
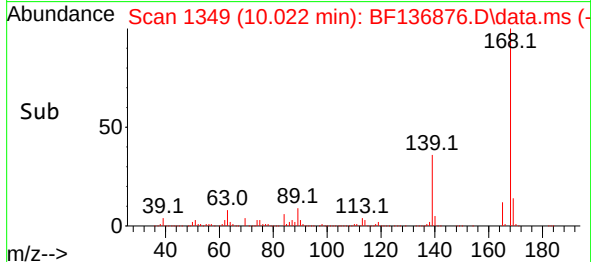
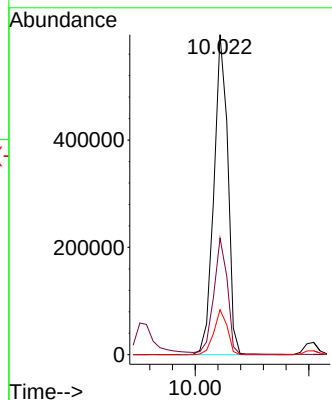


#55  
Dibenzenofuran  
Concen: 39.306 ng  
RT: 10.022 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Instrument :  
BNA\_F  
ClientSampleId :

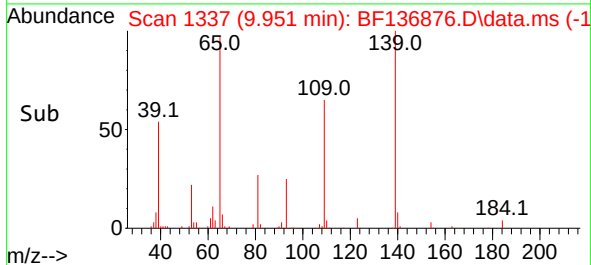
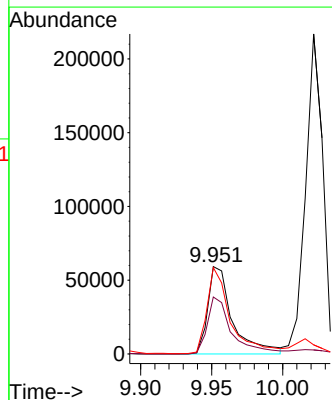
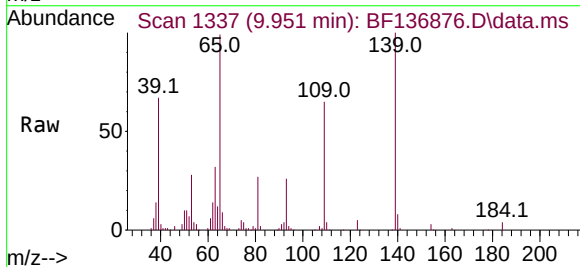


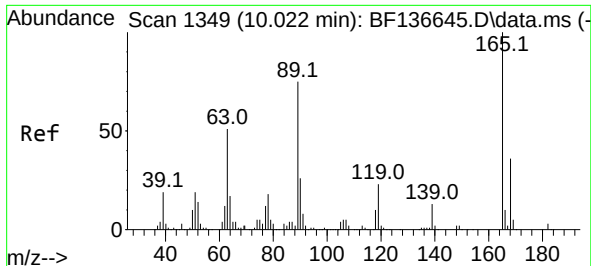
Tgt Ion:168 Resp: 506443  
Ion Ratio Lower Upper  
168 100  
139 36.4 29.3 43.9  
169 14.1 11.0 16.4



#56  
4-Nitrophenol  
Concen: 43.126 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

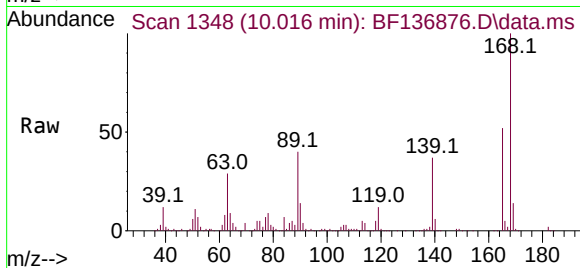
Tgt Ion:139 Resp: 71892  
Ion Ratio Lower Upper  
139 100  
109 65.3 45.8 85.8  
65 99.0 77.8 117.8



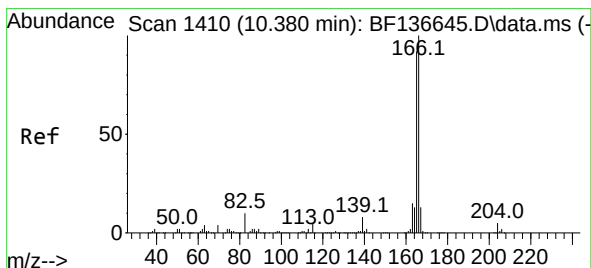
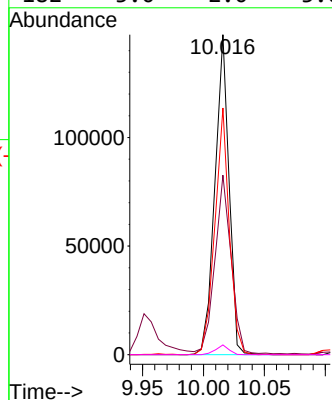
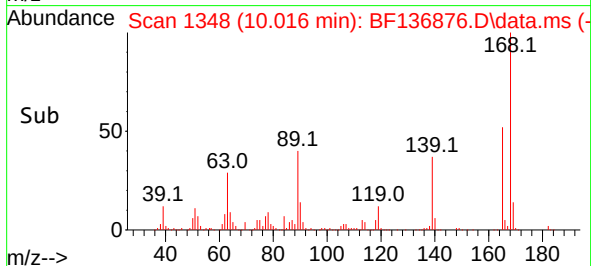


#57  
2,4-Dinitrotoluene  
Concen: 39.298 ng  
RT: 10.016 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Instrument :  
BNA\_F  
ClientSampleId :

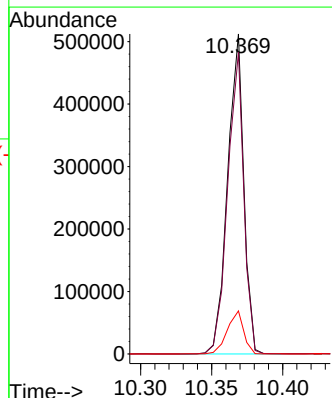
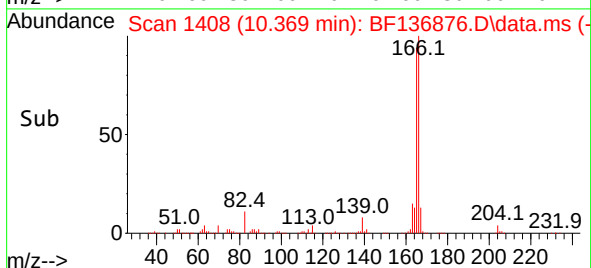
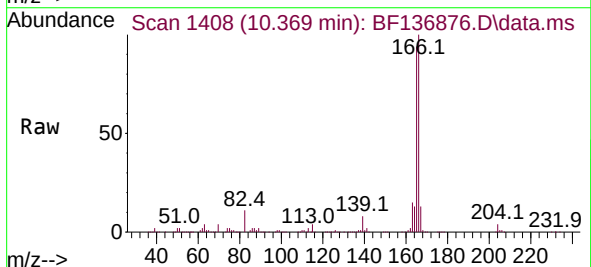


Tgt Ion:165 Resp: 118927  
Ion Ratio Lower Upper  
165 100  
63 56.1 41.0 61.6  
89 77.1 59.9 89.9  
182 3.0 2.0 3.0#

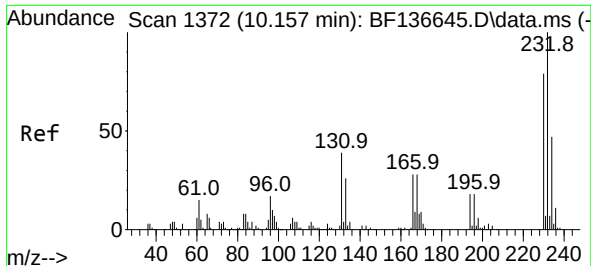


#58  
Fluorene  
Concen: 39.582 ng  
RT: 10.369 min Scan# 1408  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:166 Resp: 404669  
Ion Ratio Lower Upper  
166 100  
165 94.2 73.7 110.5  
167 13.4 10.4 15.6

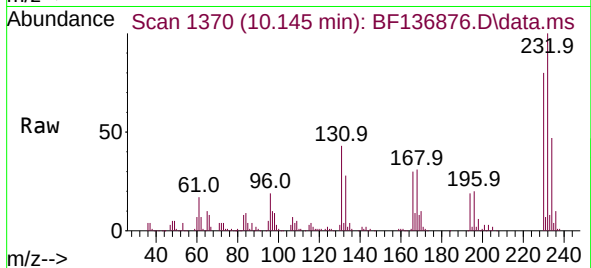




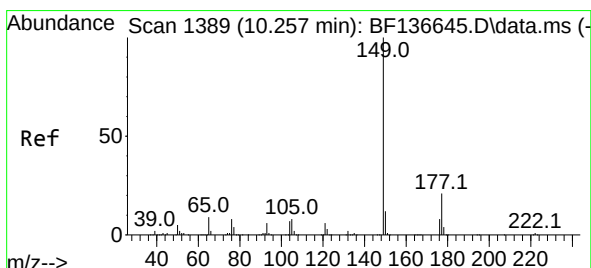
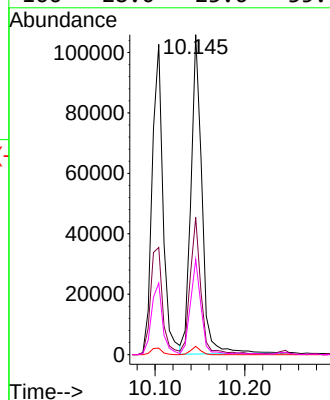
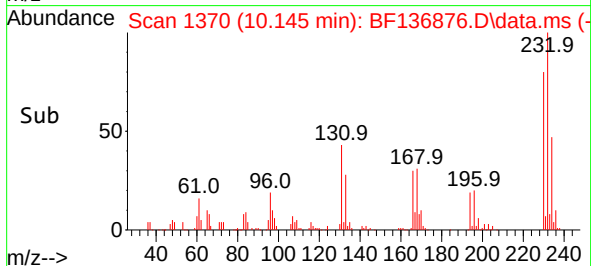


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.564 ng  
RT: 10.145 min Scan# 1372  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

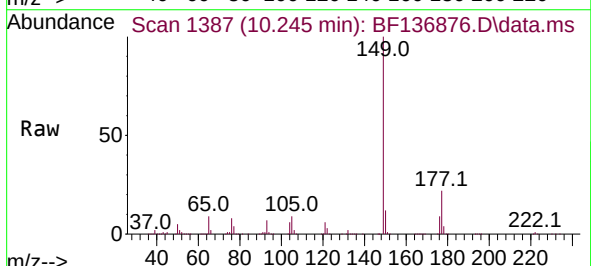
Instrument :  
BNA\_F  
ClientSampleId :



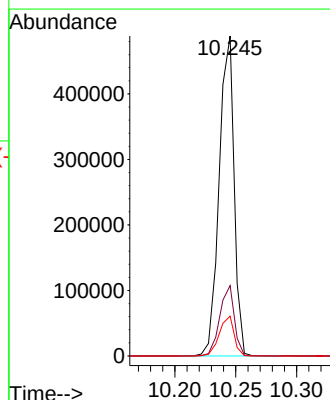
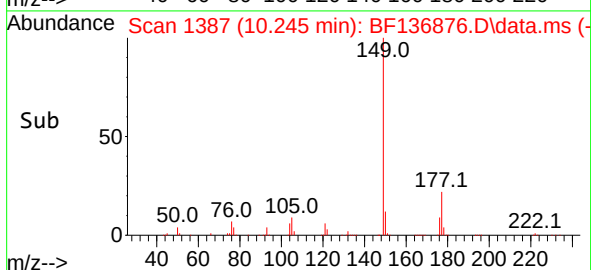
Tgt Ion:232 Resp: 89999  
Ion Ratio Lower Upper  
232 100  
131 42.5 35.1 52.7  
130 2.3 1.6 2.4  
166 28.0 23.6 35.4

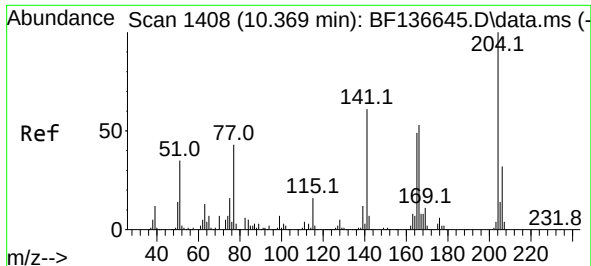


#60  
Diethylphthalate  
Concen: 39.189 ng  
RT: 10.245 min Scan# 1387  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49



Tgt Ion:149 Resp: 417654  
Ion Ratio Lower Upper  
149 100  
177 22.0 16.9 25.3  
150 12.4 9.3 13.9

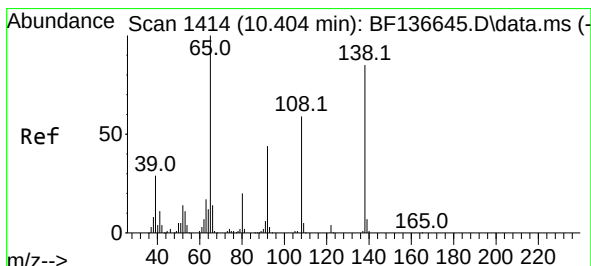
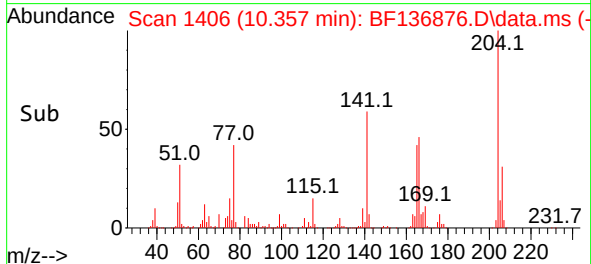
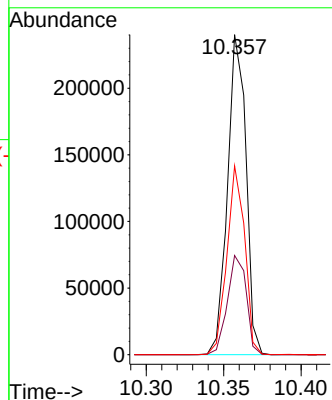
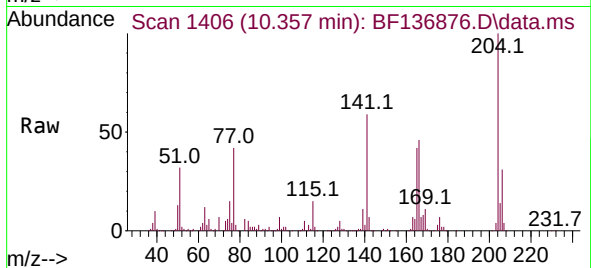




#61  
4-Chlorophenyl-phenylether  
Concen: 40.036 ng  
RT: 10.357 min Scan# 1410  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

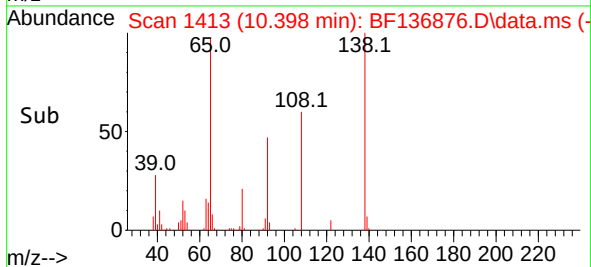
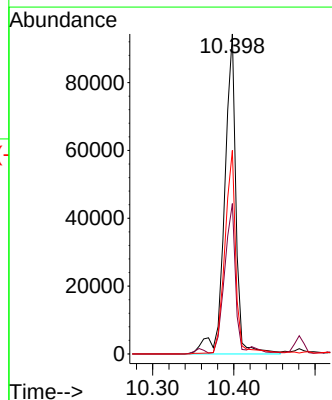
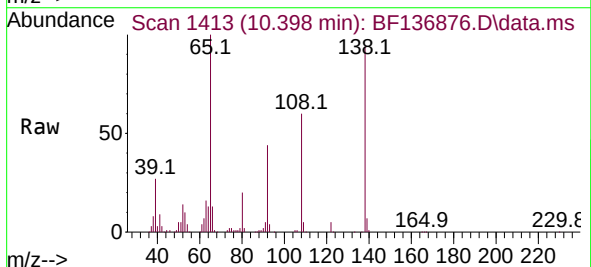
Instrument :  
BNA\_F  
ClientSampleId :

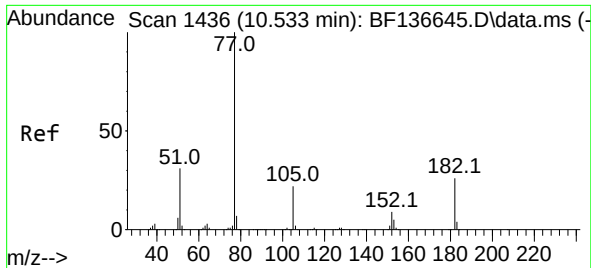
Tgt Ion:204 Resp: 198950  
Ion Ratio Lower Upper  
204 100  
206 31.0 25.6 38.4  
141 59.0 48.4 72.6



#62  
4-Nitroaniline  
Concen: 39.123 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

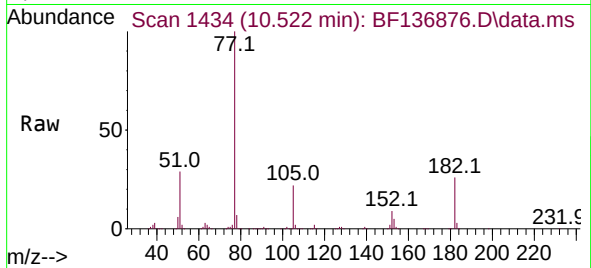
Tgt Ion:138 Resp: 93136  
Ion Ratio Lower Upper  
138 100  
92 47.0 32.1 72.1  
108 63.6 50.1 90.1



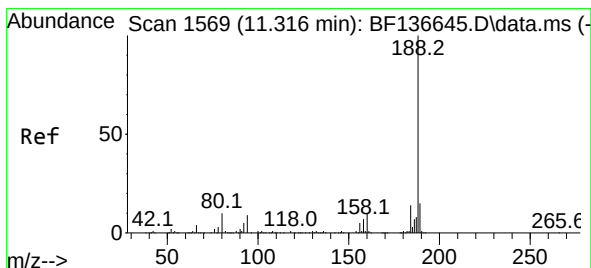
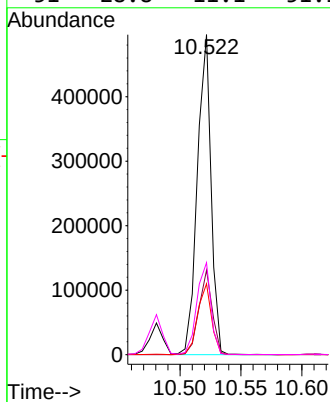
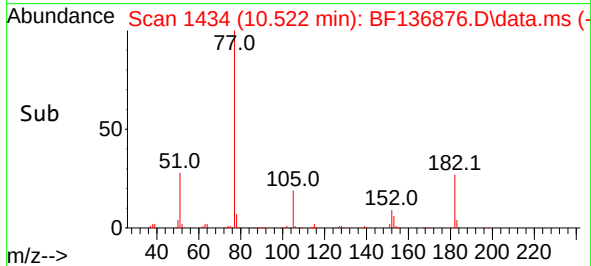


#63  
Azobenzene  
Concen: 38.992 ng  
RT: 10.522 min Scan# 1436  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

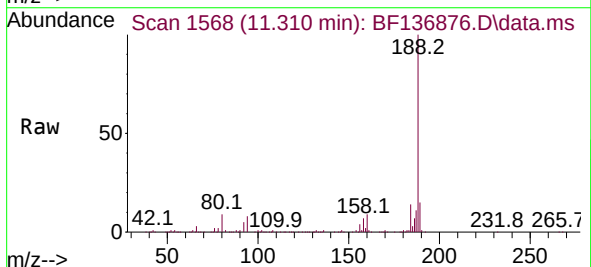
Instrument :  
BNA\_F  
ClientSampleId :



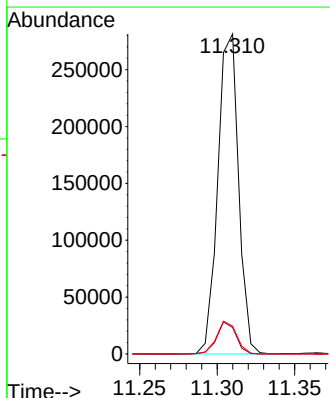
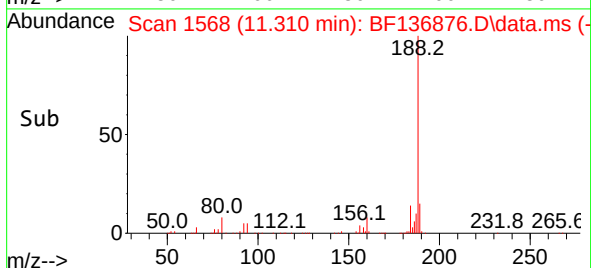
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.4  | 6.0   | 46.0  |
| 105     | 22.1  | 2.3   | 42.3  |
| 51      | 28.8  | 11.1  | 51.1  |

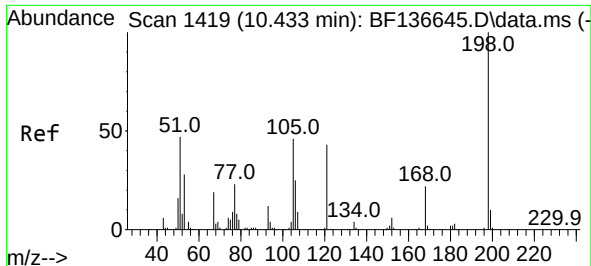


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.3   | 7.5   | 11.3  |
| 80      | 8.7   | 8.1   | 12.1  |

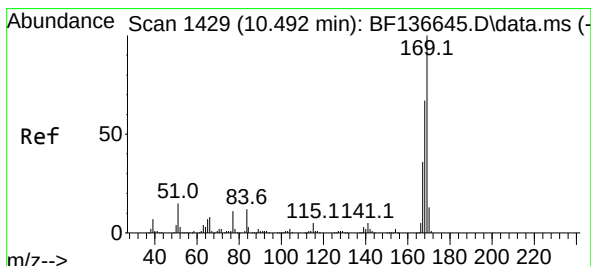
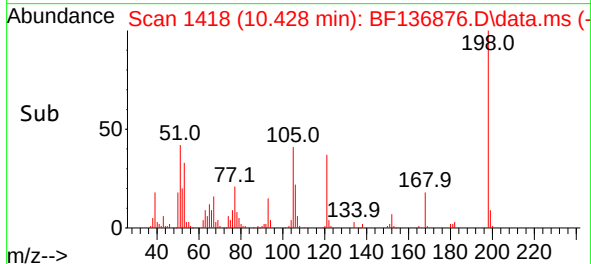
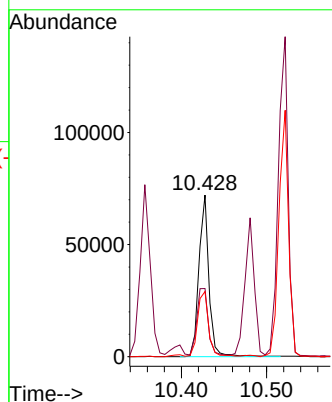
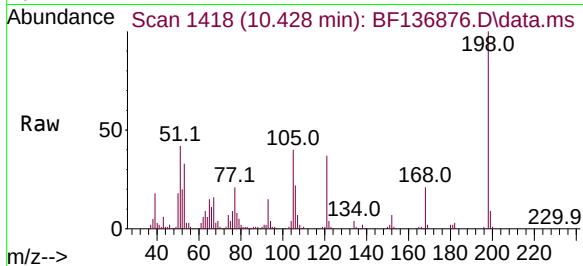




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.159 ng  
RT: 10.428 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

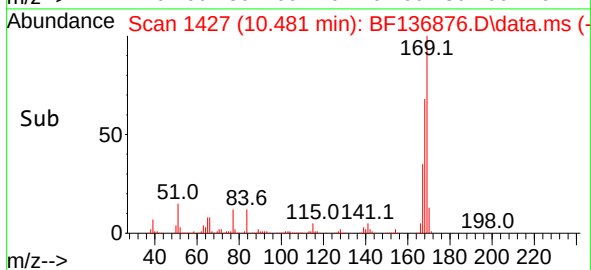
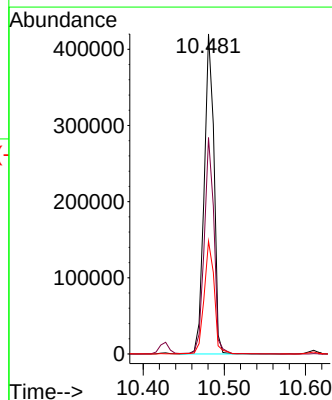
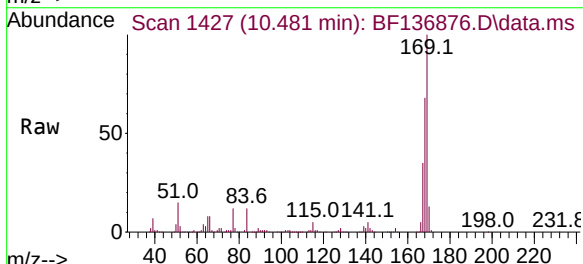
Instrument :  
BNA\_F  
ClientSampleId :

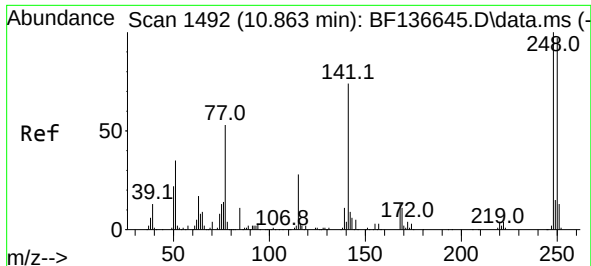
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 42.1  | 34.1  | 74.1  |
| 105     | 40.3  | 27.3  | 67.3  |



#66  
n-Nitrosodiphenylamine  
Concen: 41.229 ng  
RT: 10.481 min Scan# 1427  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.6  | 53.8  | 80.6  |
| 167     | 35.3  | 28.7  | 43.1  |

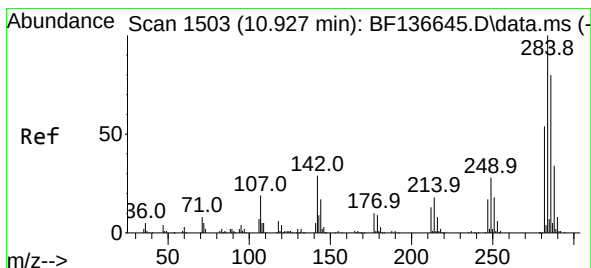
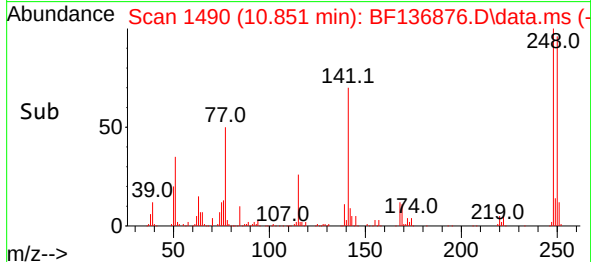
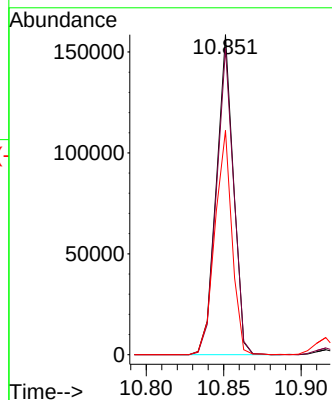
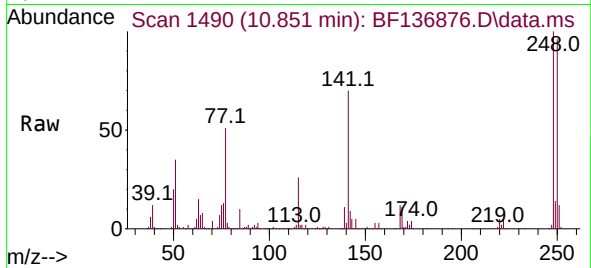




#67  
4-Bromophenyl-phenylether  
Concen: 41.848 ng  
RT: 10.851 min Scan# 1490  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

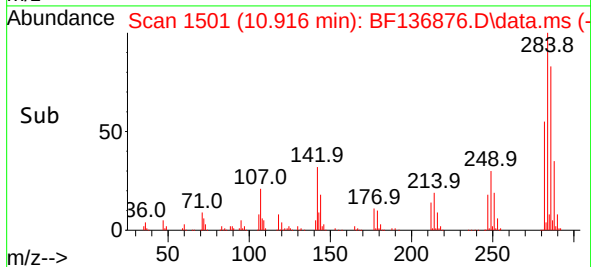
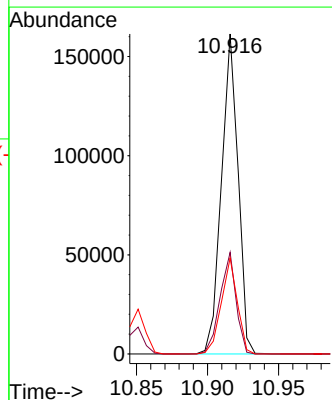
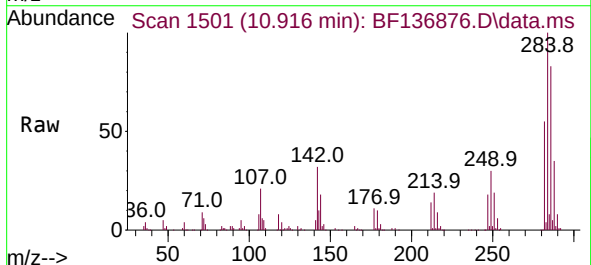
Instrument :  
BNA\_F  
ClientSampleId :

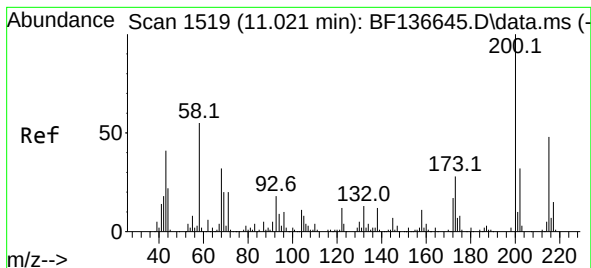
Tgt Ion:248 Resp: 121882  
Ion Ratio Lower Upper  
248 100  
250 95.7 77.8 116.6  
141 70.1 59.2 88.8



#68  
Hexachlorobenzene  
Concen: 40.309 ng  
RT: 10.916 min Scan# 1501  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:284 Resp: 130834  
Ion Ratio Lower Upper  
284 100  
142 31.8 23.4 35.0  
249 30.0 22.3 33.5





#69

Atrazine

Concen: 42.987 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

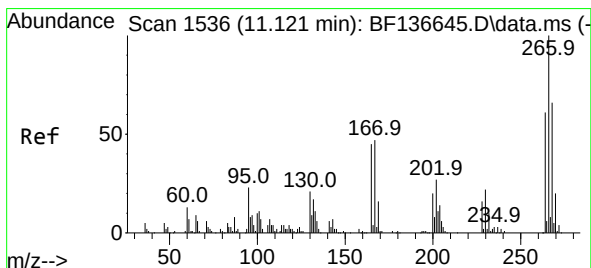
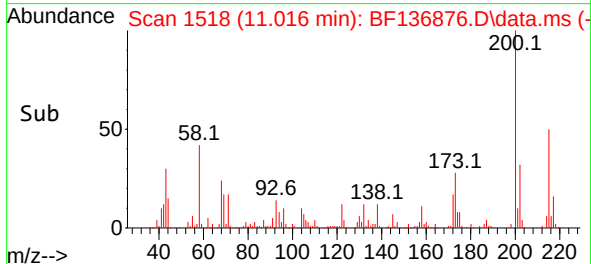
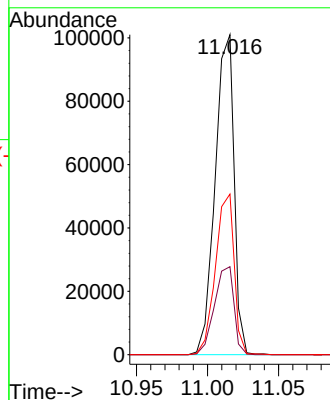
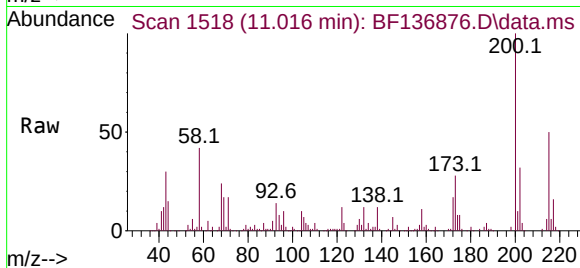
Tgt Ion:200 Resp: 93668

Ion Ratio Lower Upper

200 100

173 27.5 7.6 47.6

215 50.2 28.3 68.3



#70

Pentachlorophenol

Concen: 33.082 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

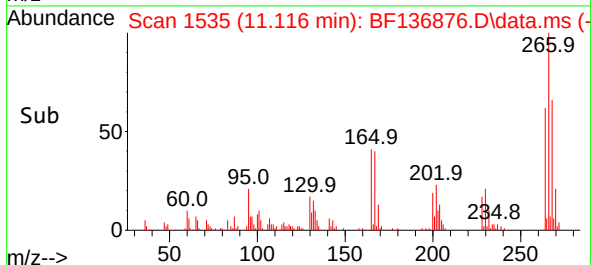
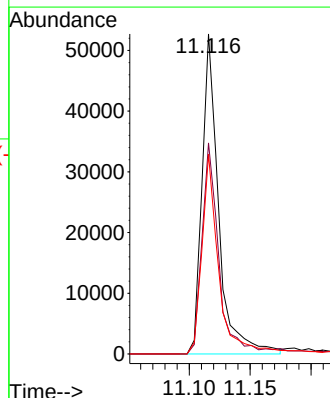
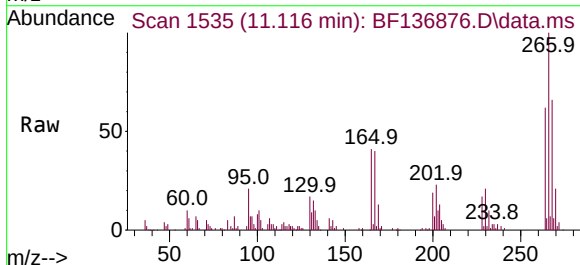
Tgt Ion:266 Resp: 50049

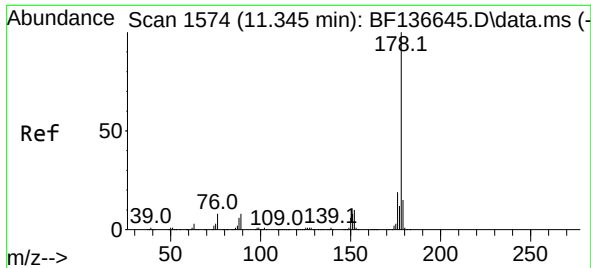
Ion Ratio Lower Upper

266 100

268 65.9 52.6 78.8

264 62.4 49.0 73.4

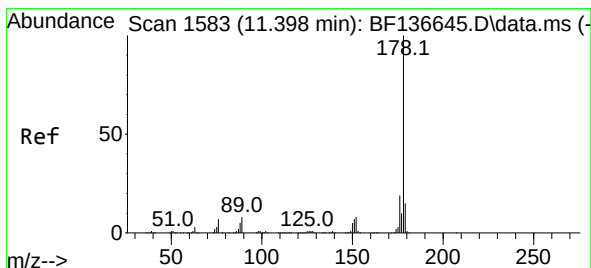
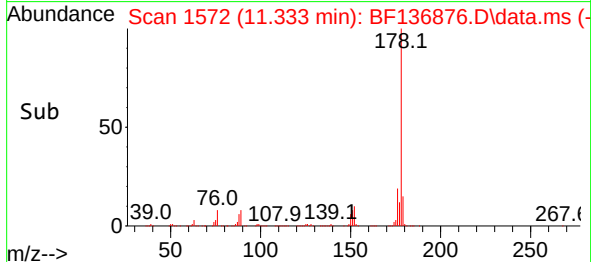
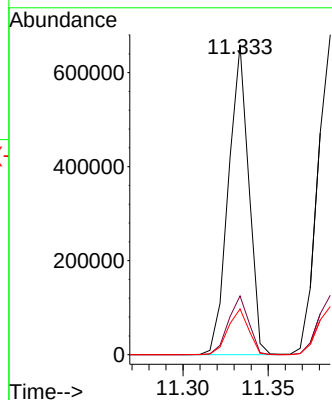
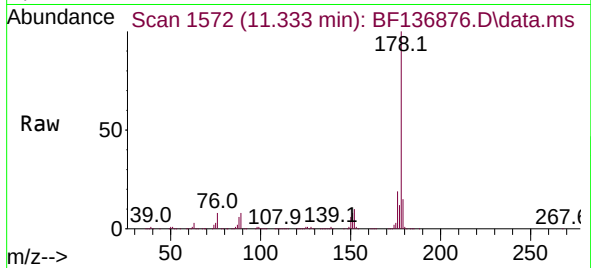




#71  
Phenanthrene  
Concen: 40.707 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

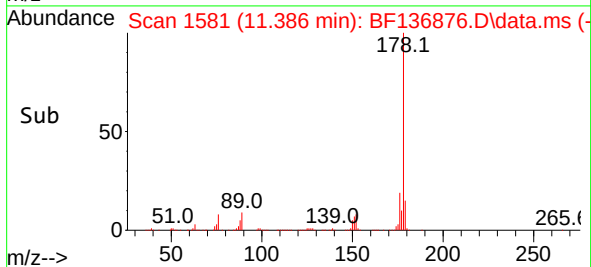
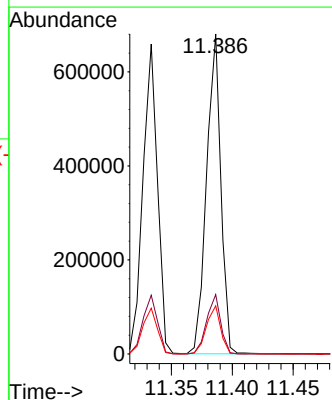
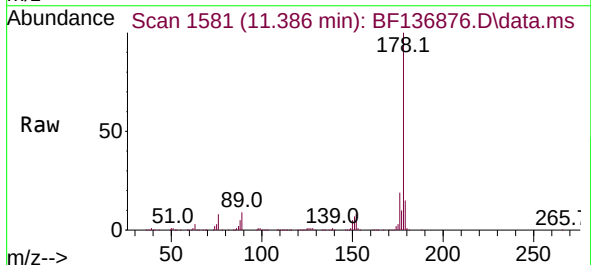
Instrument :  
BNA\_F  
ClientSampleId :

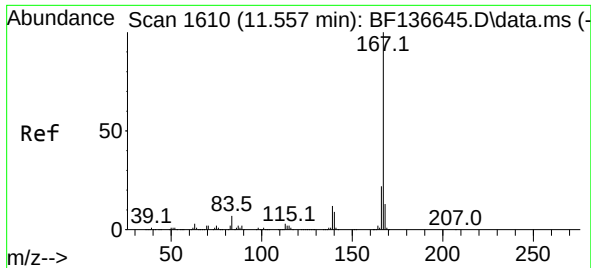
Tgt Ion:178 Resp: 547778  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 14.8 11.9 17.9



#72  
Anthracene  
Concen: 40.601 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:178 Resp: 553302  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.9 22.3  
179 15.1 11.8 17.6

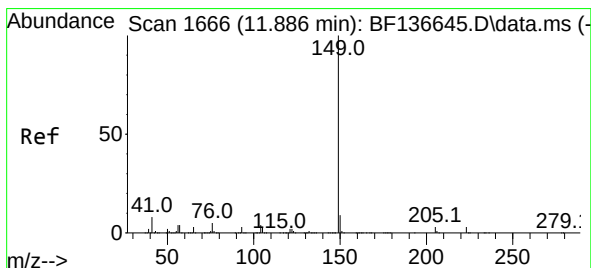
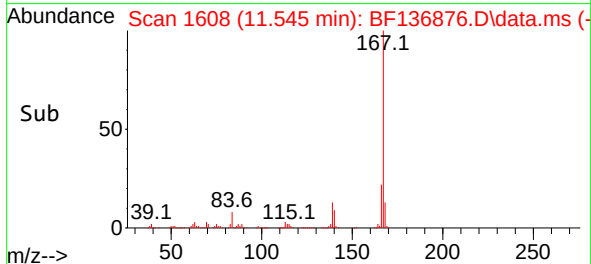
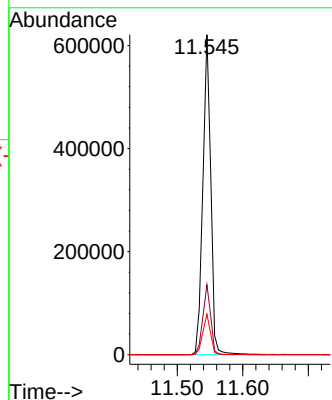
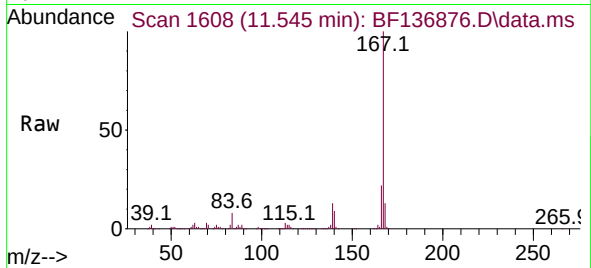




#73  
 Carbazole  
 Concen: 40.782 ng  
 RT: 11.545 min Scan# 1608  
 Delta R.T. -0.012 min  
 Lab File: BF136876.D  
 Acq: 02 Jan 2024 17:49

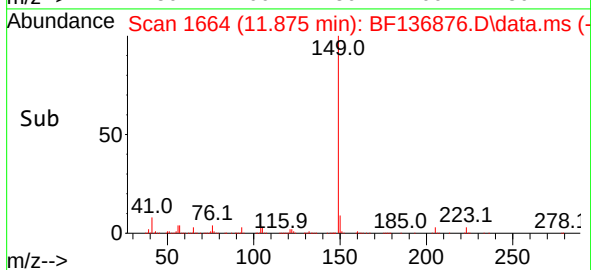
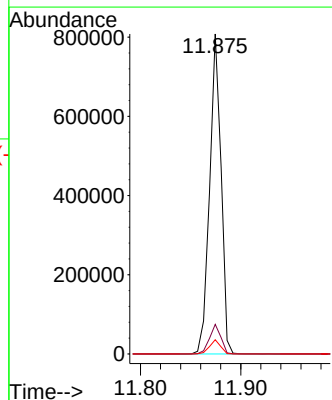
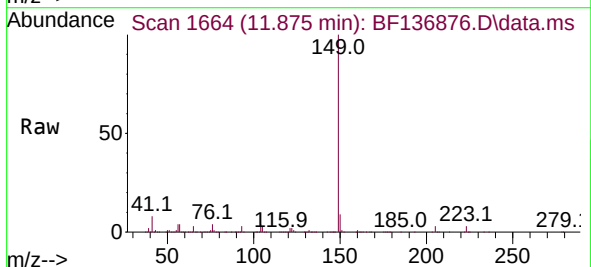
Instrument :  
 BNA\_F  
 ClientSampleId :

Tgt Ion:167 Resp: 523990  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.3 25.9  
 139 12.7 9.8 14.6

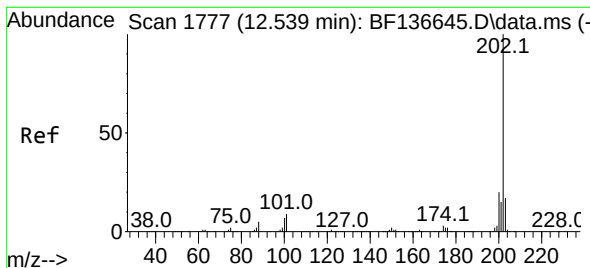


#74  
 Di-n-butylphthalate  
 Concen: 40.836 ng  
 RT: 11.875 min Scan# 1664  
 Delta R.T. -0.012 min  
 Lab File: BF136876.D  
 Acq: 02 Jan 2024 17:49

Tgt Ion:149 Resp: 640236  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.2  
 104 4.4 3.6 5.4







#75

Fluoranthene

Concen: 40.142 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

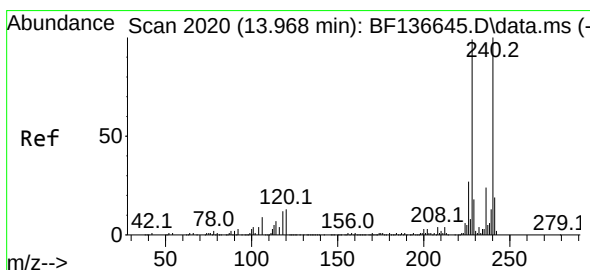
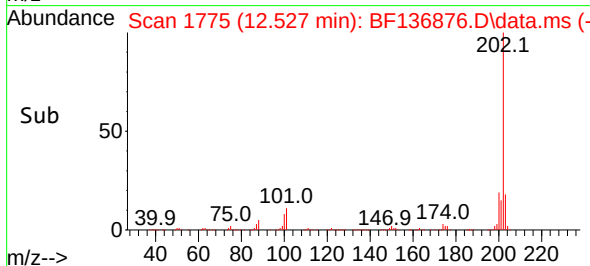
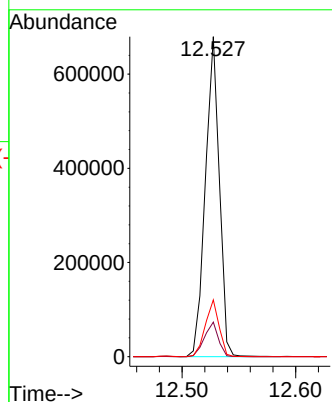
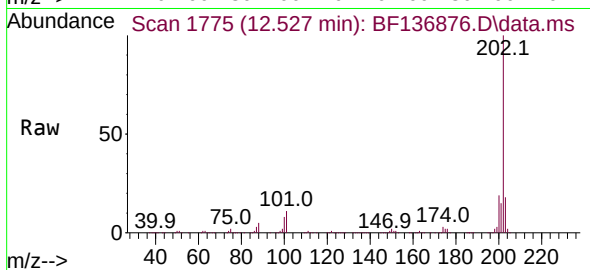
Tgt Ion:202 Resp: 577793

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.3

203 17.8 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

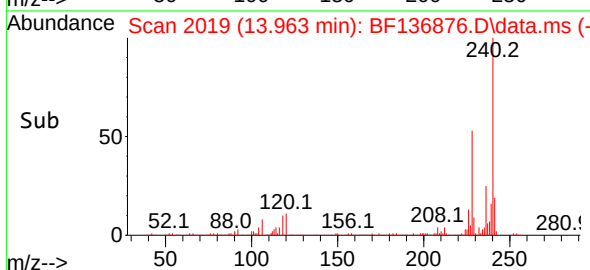
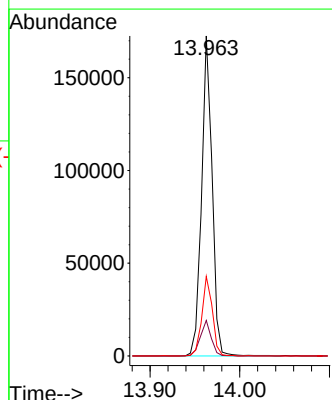
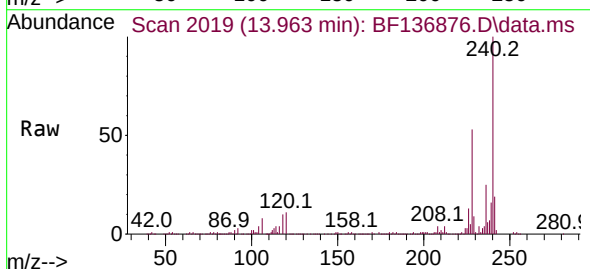
Tgt Ion:240 Resp: 140680

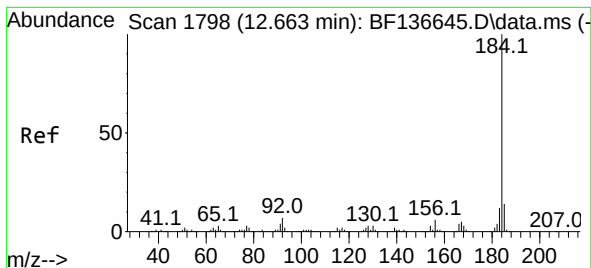
Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

236 24.8 19.4 29.2





#77

Benzidine

Concen: 35.269 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

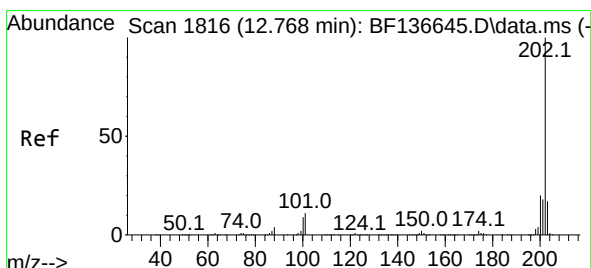
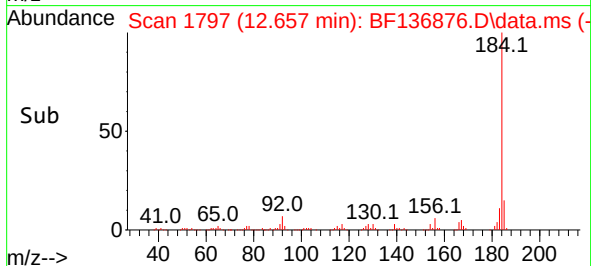
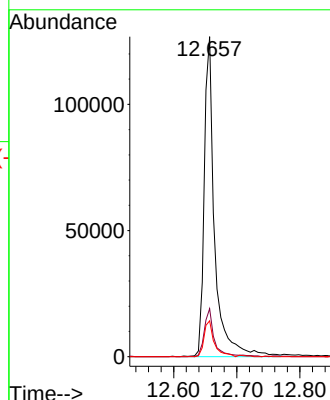
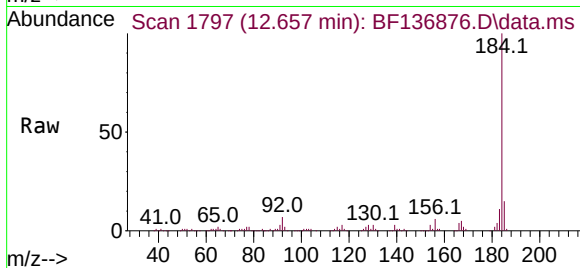
Tgt Ion:184 Resp: 146297

Ion Ratio Lower Upper

184 100

185 15.0 11.2 16.8

183 11.2 9.3 13.9



#78

Pyrene

Concen: 42.148 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

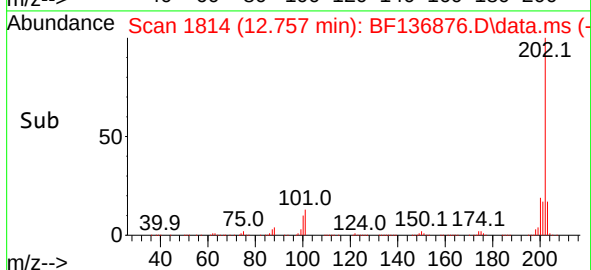
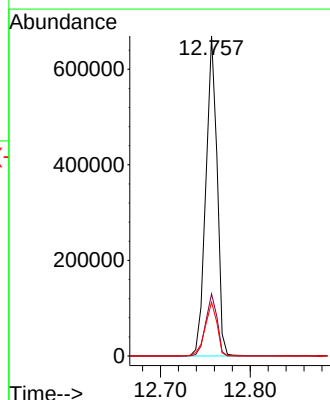
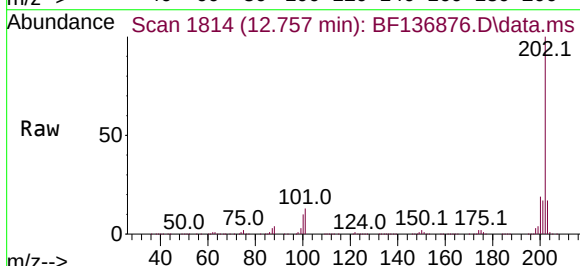
Tgt Ion:202 Resp: 582069

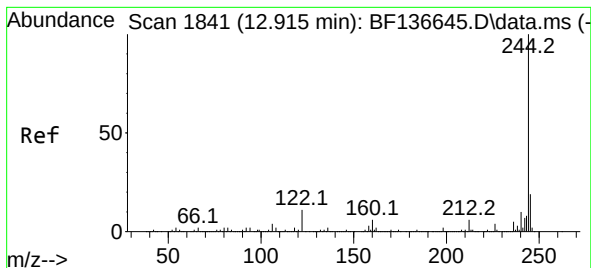
Ion Ratio Lower Upper

202 100

200 19.4 15.9 23.9

203 16.8 13.8 20.6





#79

Terphenyl-d14

Concen: 82.563 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

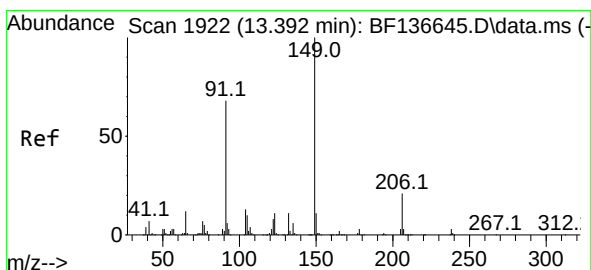
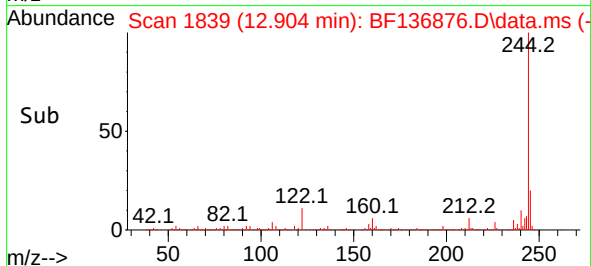
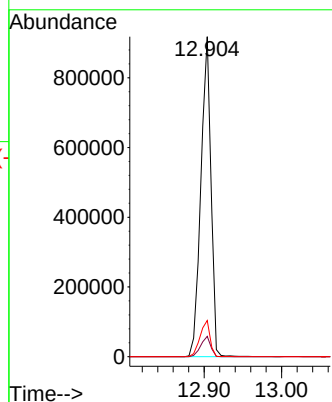
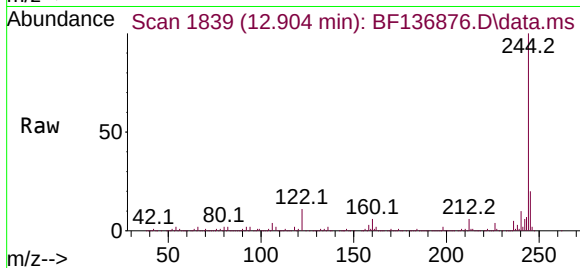
Tgt Ion:244 Resp: 831140

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.103 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

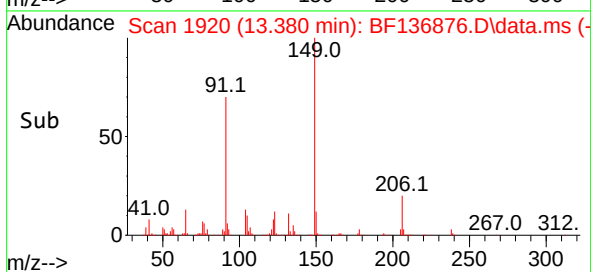
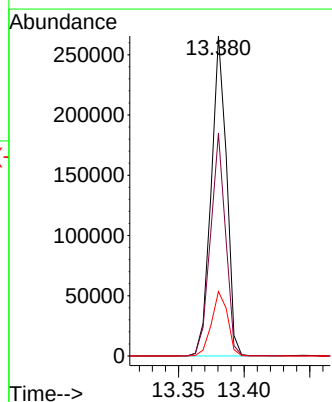
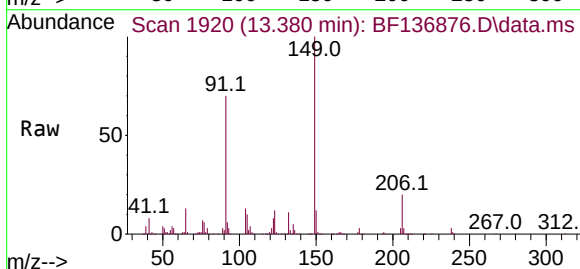
Tgt Ion:149 Resp: 216598

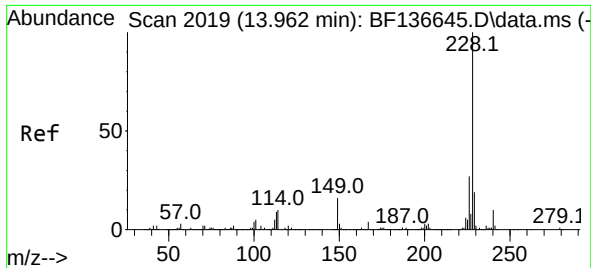
Ion Ratio Lower Upper

149 100

91 69.6 54.1 81.1

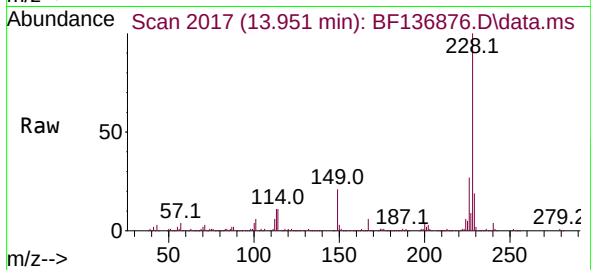
206 20.1 17.1 25.7



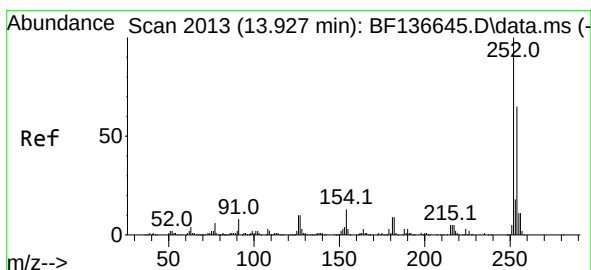
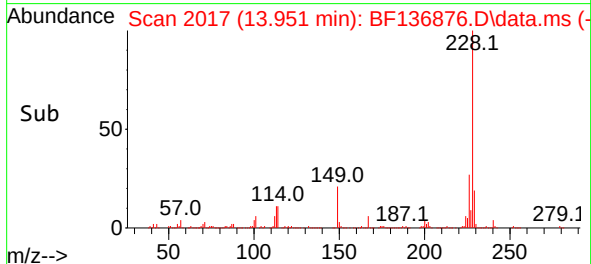
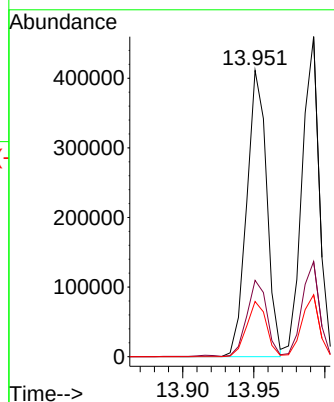


#81  
Benzo(a)anthracene  
Concen: 41.200 ng  
RT: 13.951 min Scan# 2011  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Instrument :  
BNA\_F  
ClientSampleId :

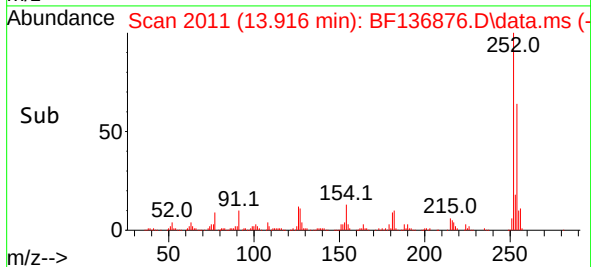
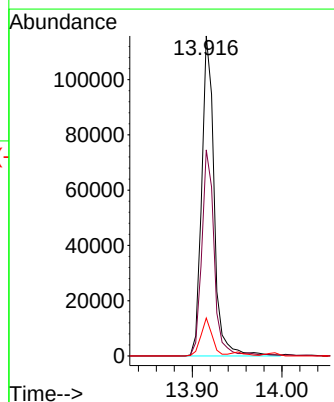
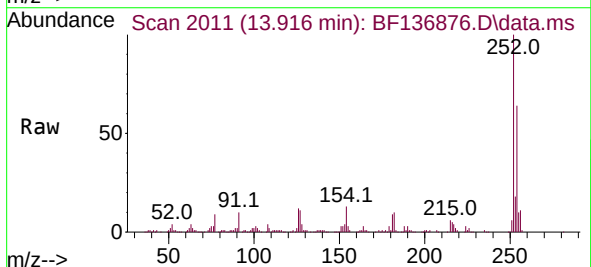


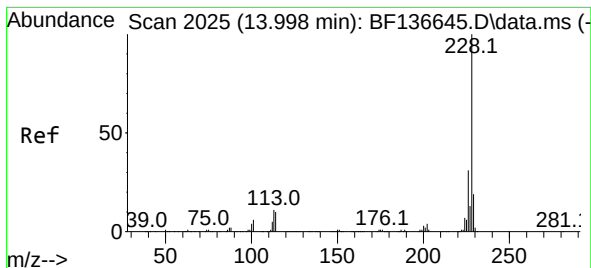
Tgt Ion:228 Resp: 402469  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.4 32.0  
229 19.3 14.9 22.3



#82  
3,3'-Dichlorobenzidine  
Concen: 40.282 ng  
RT: 13.916 min Scan# 2011  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:252 Resp: 111751  
Ion Ratio Lower Upper  
252 100  
254 64.4 52.2 78.4  
126 11.9 8.0 12.0





#83

Chrysene

Concen: 40.895 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

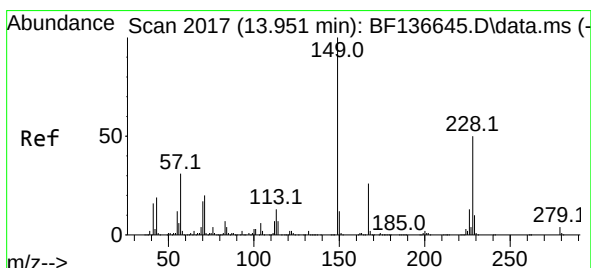
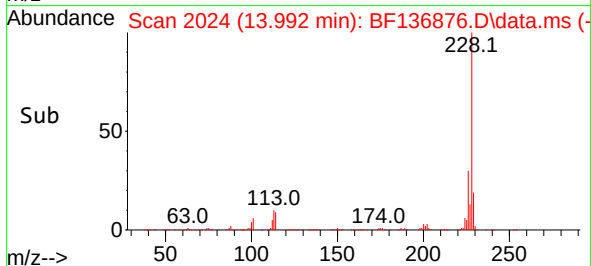
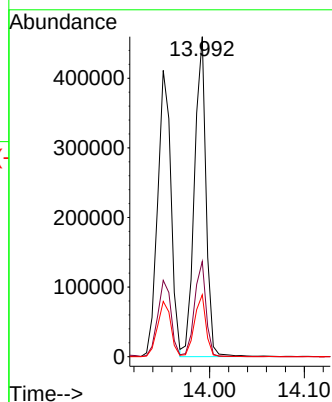
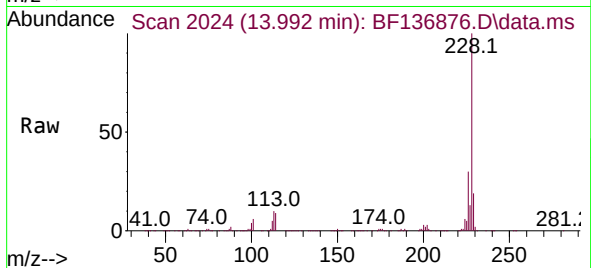
Tgt Ion:228 Resp: 390656

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

229 19.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.199 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

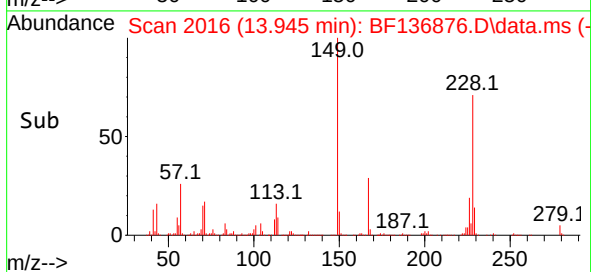
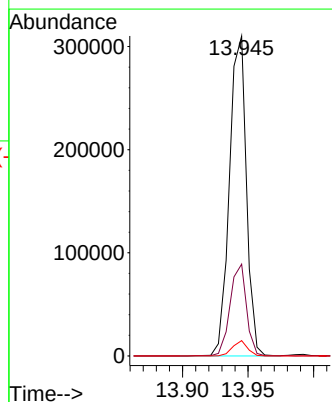
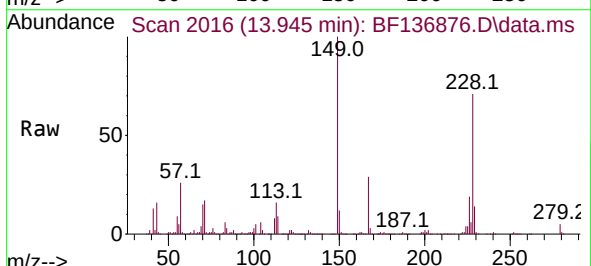
Tgt Ion:149 Resp: 279445

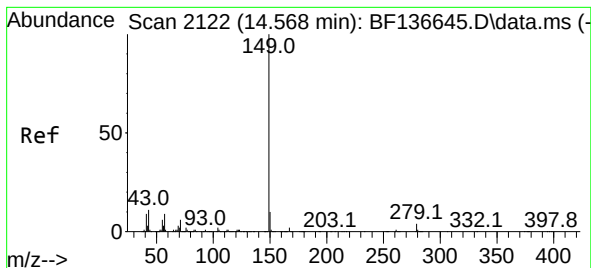
Ion Ratio Lower Upper

149 100

167 28.7 20.9 31.3

279 4.8 2.9 4.3#

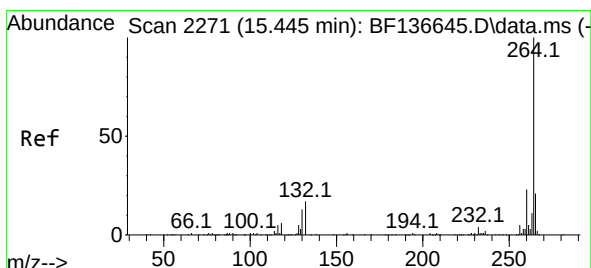
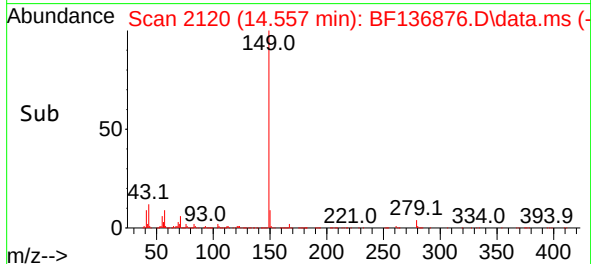
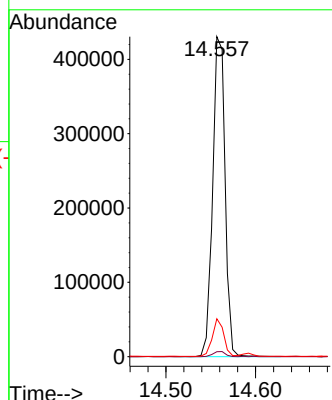
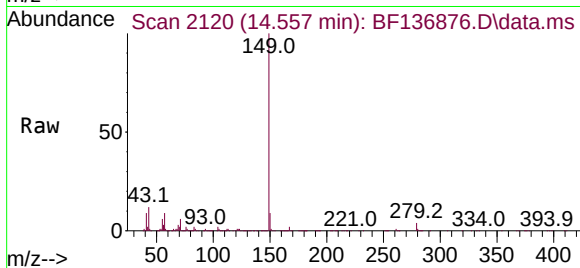




#85  
Di-n-octyl phthalate  
Concen: 42.300 ng  
RT: 14.557 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

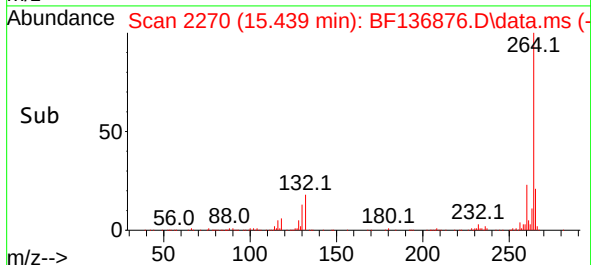
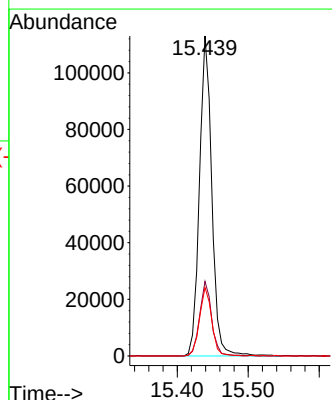
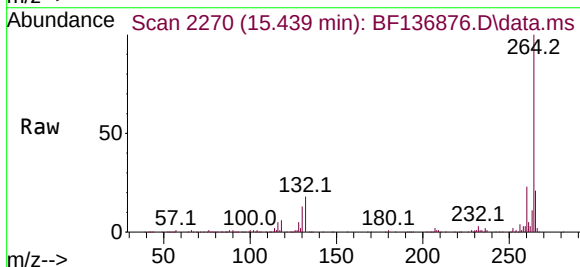
Instrument :  
BNA\_F  
ClientSampleId :

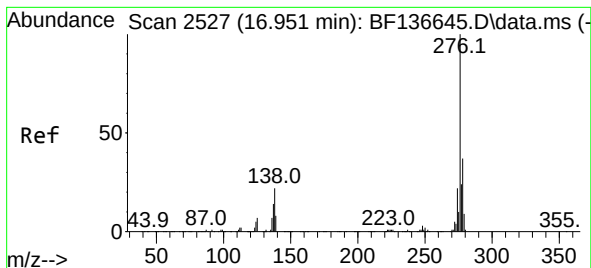
Tgt Ion:149 Resp: 413695  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 10.7 8.9 13.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.439 min Scan# 2270  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:264 Resp: 136931  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.3 27.5  
265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.803 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

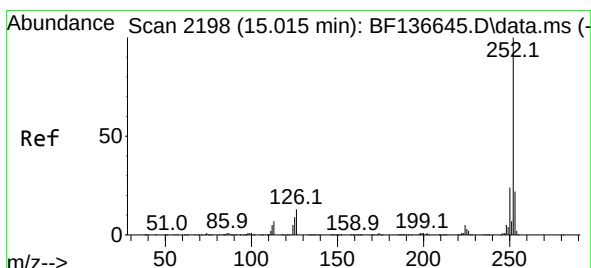
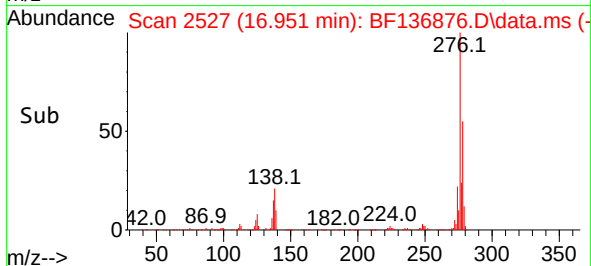
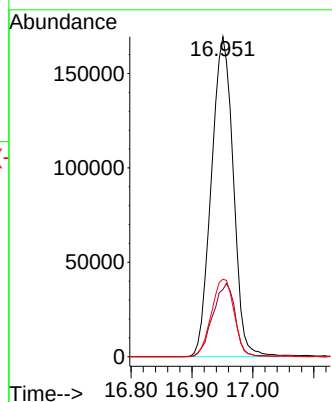
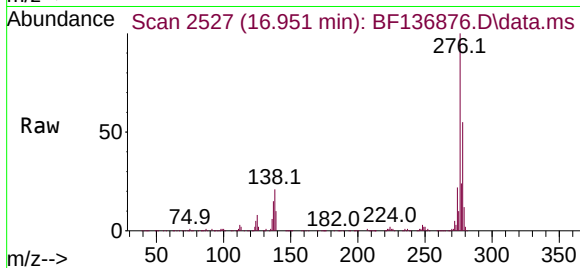
Tgt Ion:276 Resp: 423178

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 37.879 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

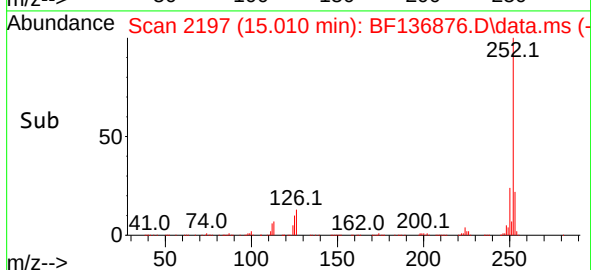
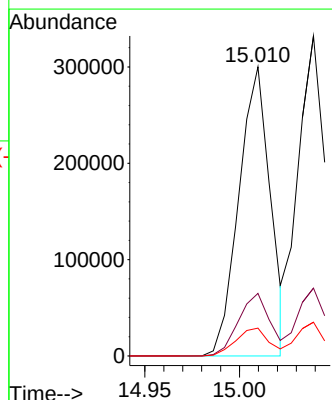
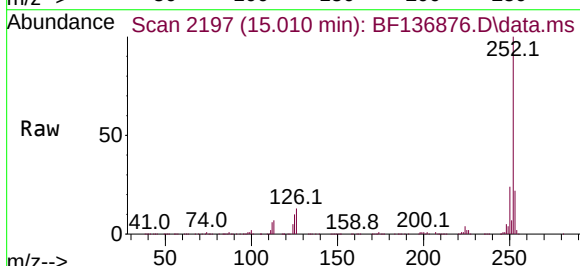
Tgt Ion:252 Resp: 346427

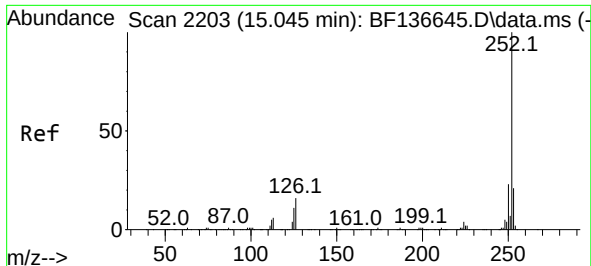
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.216 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

Instrument :

BNA\_F

ClientSampleId :

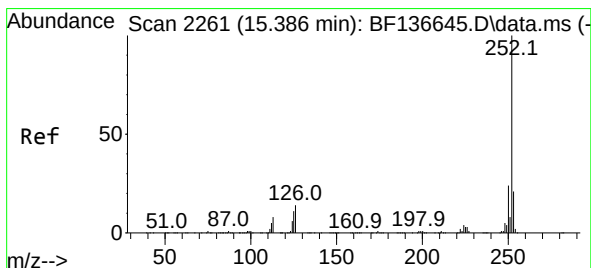
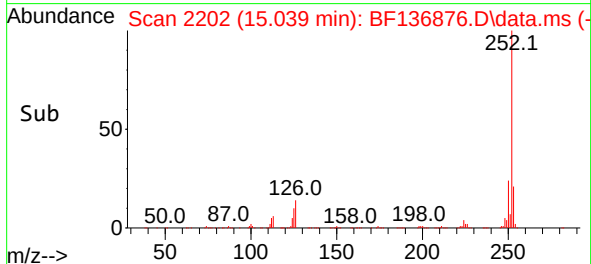
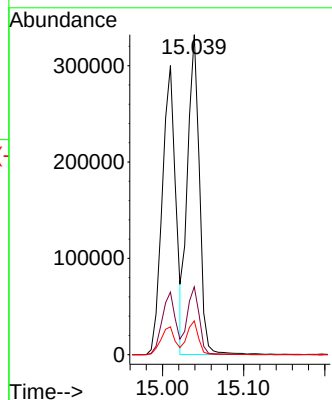
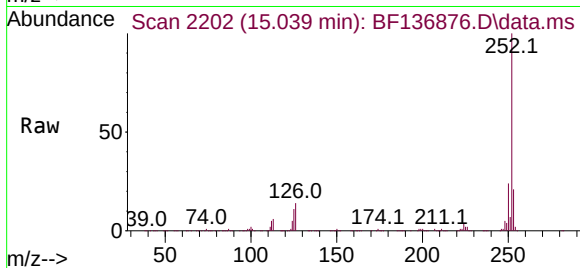
Tgt Ion:252 Resp: 338898

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

125 10.6 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.252 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136876.D

Acq: 02 Jan 2024 17:49

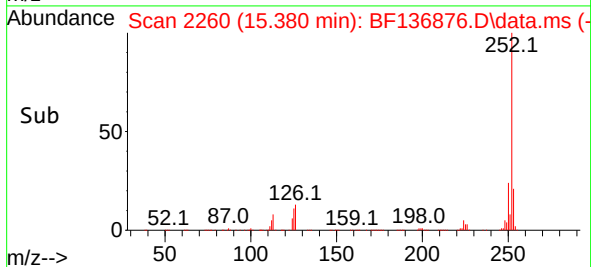
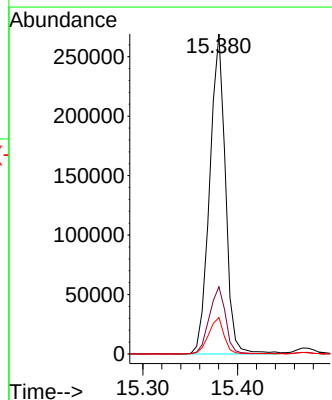
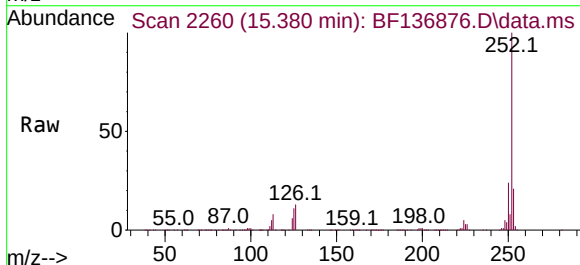
Tgt Ion:252 Resp: 310747

Ion Ratio Lower Upper

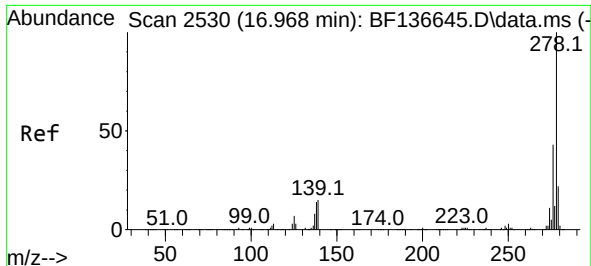
252 100

253 21.0 17.0 25.6

125 11.4 8.8 13.2



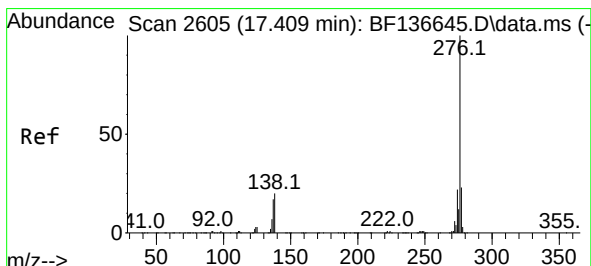
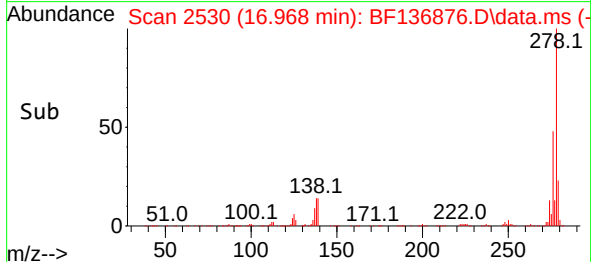
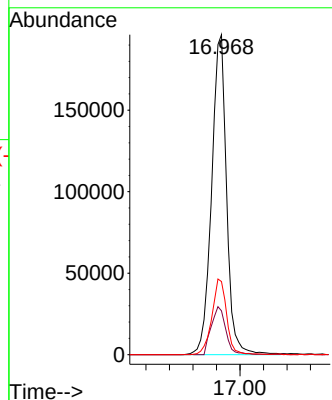
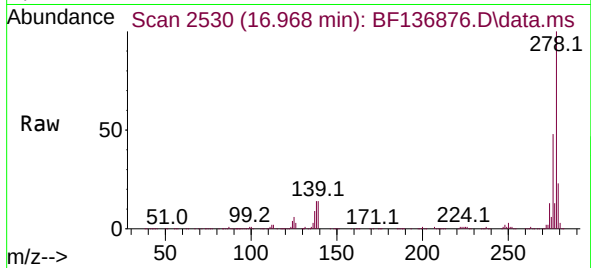




#91  
Dibenzo(a,h)anthracene  
Concen: 42.755 ng  
RT: 16.968 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:278 Resp: 346788  
Ion Ratio Lower Upper  
278 100  
139 13.7 12.2 18.4  
279 22.8 17.8 26.6



#92  
Benzo(g,h,i)perylene  
Concen: 42.309 ng  
RT: 17.404 min Scan# 2604  
Delta R.T. -0.006 min  
Lab File: BF136876.D  
Acq: 02 Jan 2024 17:49

Tgt Ion:276 Resp: 351476  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.3 27.5  
138 20.9 15.6 23.4

