

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101024\  
 Data File : BF139746.D  
 Acq On : 10 Oct 2024 15:05  
 Operator : RC/JU  
 Sample : P4340-04MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1B-7MSD

Quant Time: Oct 10 15:46:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 80643    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 308129   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 168907   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 277070   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 166363   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 173917   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 618624   | 132.960 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 773444   | 123.614 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.433  | 82   | 564078   | 92.687  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 201978   | 123.873 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.227  | 172  | 1013940  | 92.156  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 838296   | 82.681  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.793  | 88   | 95641    | 47.546  | ng    | # 80     |
| 3) Pyridine                   | 3.522  | 79   | 199239   | 40.726  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.451  | 42   | 161683   | 50.490  | ng    | 96       |
| 6) Aniline                    | 6.534  | 93   | 119600   | 21.541  | ng    | # 32     |
| 8) 2-Chlorophenol             | 6.657  | 128  | 262963   | 52.752  | ng    | 99       |
| 9) Benzaldehyde               | 6.422  | 77   | 34066    | 10.278  | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 315899   | 48.015  | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 267769   | 49.987  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 274392   | 48.931  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.886  | 146  | 276307   | 48.649  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.039  | 146  | 264149   | 49.624  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 257367   | 53.835  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 474379   | 51.154  | ng    | 77       |
| 17) 2-Methylphenol            | 7.128  | 107  | 212759   | 51.126  | ng    | 98       |
| 18) Hexachloroethane          | 7.381  | 117  | 100580   | 47.478  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 203600   | 50.613  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 277109   | 53.015  | ng    | 97       |
| 22) Acetophenone              | 7.281  | 105  | 370582   | 50.667  | ng    | 95       |
| 24) Nitrobenzene              | 7.451  | 77   | 310951   | 49.342  | ng    | 99       |
| 25) Isophorone                | 7.692  | 82   | 550340   | 50.914  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 144072   | 53.179  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 214035   | 64.535  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 322761   | 50.005  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 224692   | 51.940  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 231532   | 47.327  | ng    | 99       |
| 31) Naphthalene               | 8.175  | 128  | 802893   | 50.964  | ng    | 100      |
| 32) Benzoic acid              | 7.939  | 122  | 161521   | 48.978  | ng    | 92       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 36462    | 6.837   | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.286  | 225  | 148982   | 47.058  | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 61940    | 43.654  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 245034   | 50.038  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 520383   | 50.717  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 482700   | 48.128  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.027  | 216  | 241415   | 51.471  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 152870   | 106.295 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 164385   | 51.990  | ng    | 99       |

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 Sample : P4340-04MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

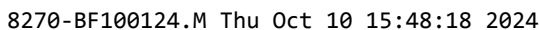
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1B-7MSD

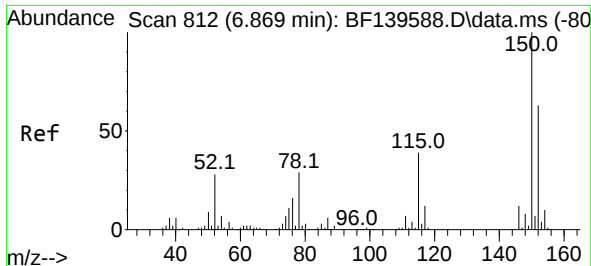
Quant Time: Oct 10 15:46:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 173192   | 50.792 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.327  | 154  | 637413   | 50.738 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 475568   | 50.496 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 171830   | 50.826 | ng    | 98       |
| 49) Acenaphthylene            | 9.769  | 152  | 773519   | 54.007 | ng    | 100      |
| 50) Dimethylphthalate         | 9.627  | 163  | 575296   | 52.031 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 122642   | 49.102 | ng    | 95       |
| 52) Acenaphthene              | 9.939  | 154  | 477887   | 48.603 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.863  | 138  | 49228    | 19.287 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 125328   | 93.291 | ng    | 95       |
| 55) Dibenzofuran              | 10.110 | 168  | 701517   | 50.957 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.033 | 139  | 166861   | 85.726 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 159523   | 48.862 | ng    | 99       |
| 58) Fluorene                  | 10.457 | 166  | 540032   | 49.251 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 139157   | 50.528 | ng    | 98       |
| 60) Diethylphthalate          | 10.327 | 149  | 560873   | 49.111 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 266136   | 48.515 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.474 | 138  | 113502   | 43.474 | ng    | 97       |
| 63) Azobenzene                | 10.604 | 77   | 569151   | 49.556 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 80459    | 51.417 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 465376   | 56.982 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 155202   | 54.633 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 165071   | 52.365 | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 130461   | 59.538 | ng    | 99       |
| 70) Pentachlorophenol         | 11.198 | 266  | 178894   | 95.307 | ng    | 98       |
| 71) Phenanthrene              | 11.416 | 178  | 695958   | 53.273 | ng    | 99       |
| 72) Anthracene                | 11.469 | 178  | 706156   | 54.638 | ng    | 99       |
| 73) Carbazole                 | 11.627 | 167  | 613633   | 49.434 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 790503   | 52.369 | ng    | 99       |
| 75) Fluoranthene              | 12.610 | 202  | 651465   | 45.618 | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 66876    | 22.790 | ng    | 100      |
| 78) Pyrene                    | 12.833 | 202  | 661195   | 44.437 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 258987   | 48.662 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 595541   | 54.448 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 130196   | 38.894 | ng    | 100      |
| 83) Chrysene                  | 14.062 | 228  | 506334   | 50.634 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149  | 341665   | 51.410 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.615 | 149  | 594112   | 60.850 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.992 | 276  | 469813   | 45.896 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 565065   | 50.249 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 484309   | 50.772 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.445 | 252  | 492039   | 55.492 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.003 | 278  | 394074   | 46.415 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.433 | 276  | 335003   | 39.344 | ng    | 99       |

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

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QLast Update : Wed Oct 02 04:58:47 2024  
Response via : Initial Calibration

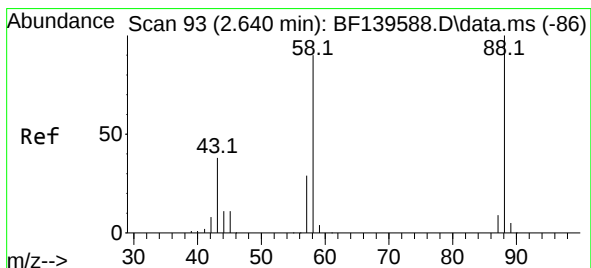
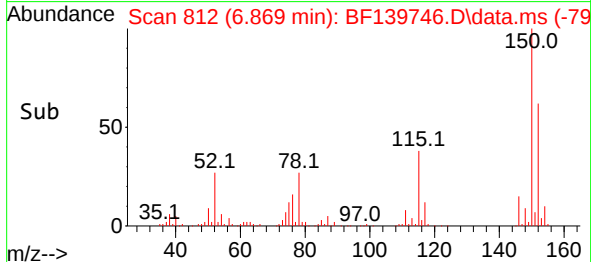
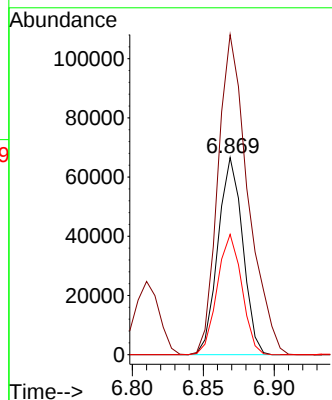
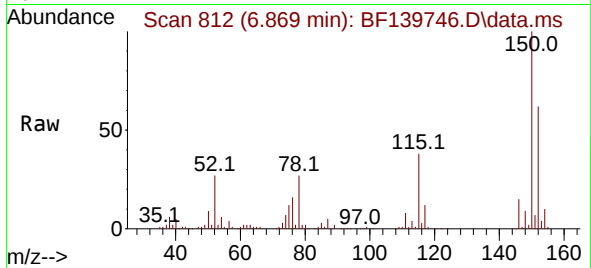




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF139746.D  
 Acq: 10 Oct 2024 15:05

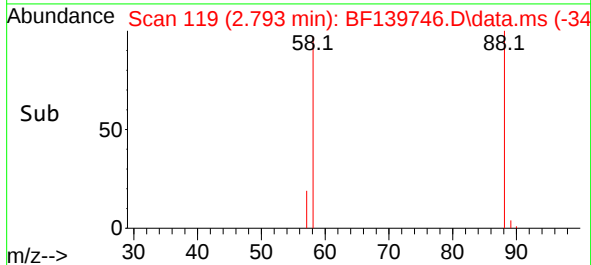
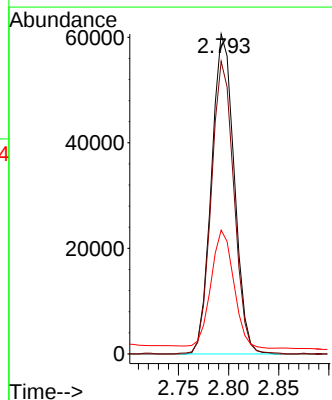
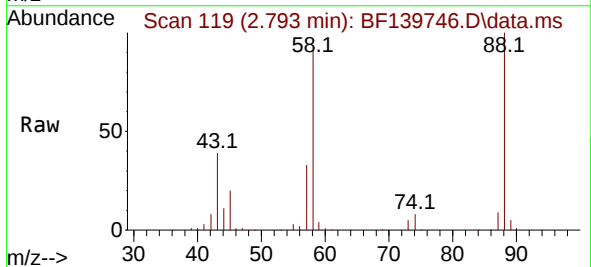
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1B-7MSD

Tgt Ion:152 Resp: 80643  
 Ion Ratio Lower Upper  
 152 100  
 150 162.3 127.2 190.8  
 115 61.1 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 47.546 ng  
 RT: 2.793 min Scan# 119  
 Delta R.T. 0.153 min  
 Lab File: BF139746.D  
 Acq: 10 Oct 2024 15:05

Tgt Ion: 88 Resp: 95641  
 Ion Ratio Lower Upper  
 88 100  
 58 91.0 72.0 108.0  
 43 0.0 30.8 46.2#





#3

Pyridine

Concen: 40.726 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.129 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

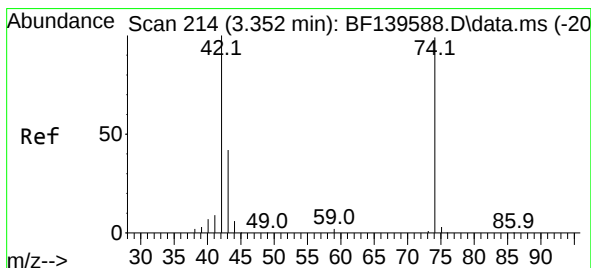
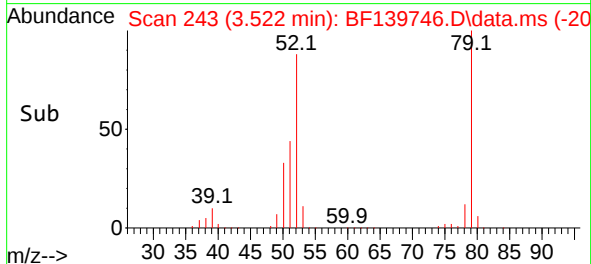
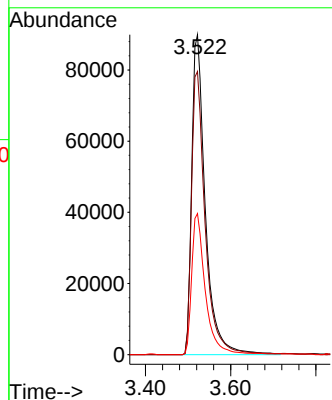
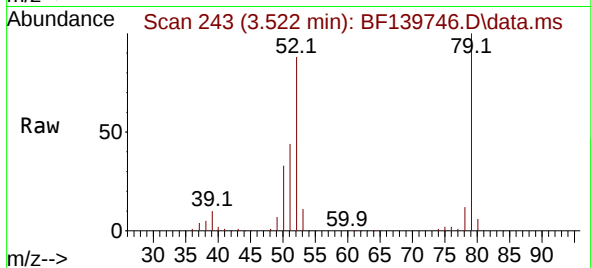
Tgt Ion: 79 Resp: 199239

Ion Ratio Lower Upper

79 100

52 88.5 72.6 109.0

51 44.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 50.490 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.100 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

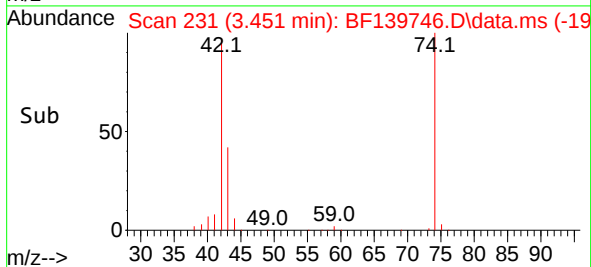
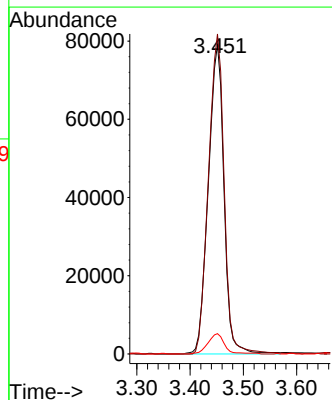
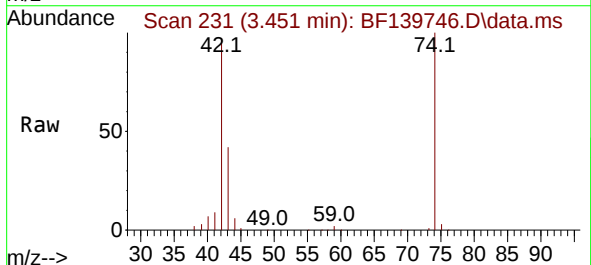
Tgt Ion: 42 Resp: 161683

Ion Ratio Lower Upper

42 100

74 103.3 79.0 118.6

44 6.6 5.2 7.8

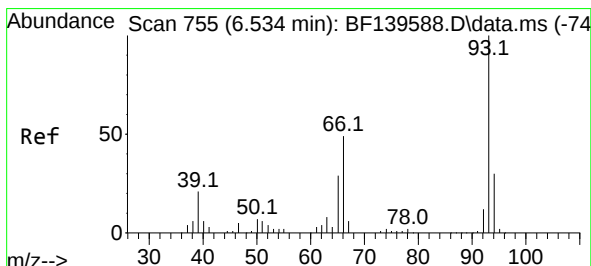
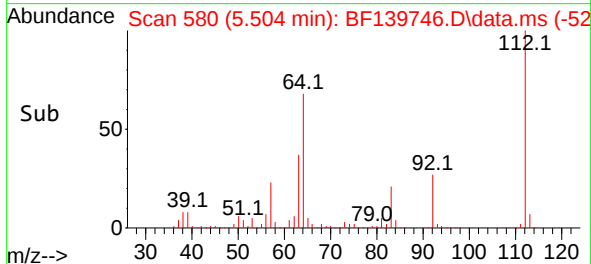
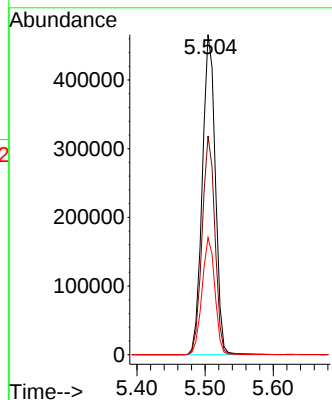
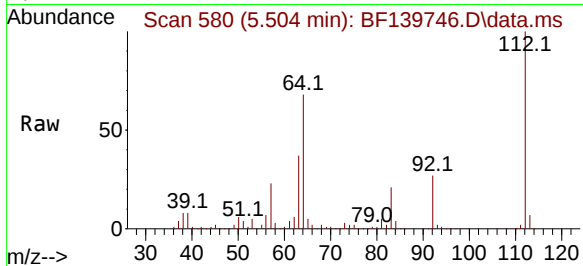




#5  
2-Fluorophenol  
Concen: 132.960 ng  
RT: 5.504 min Scan# 51  
Delta R.T. 0.017 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

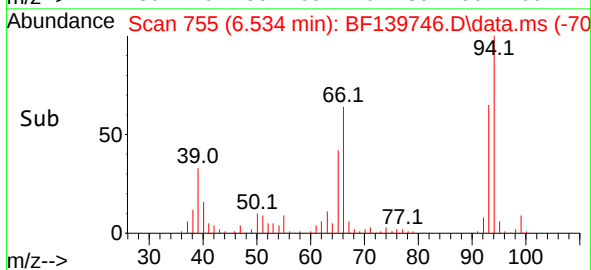
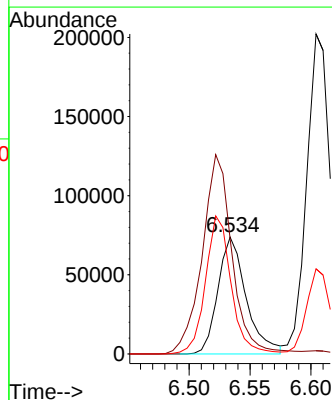
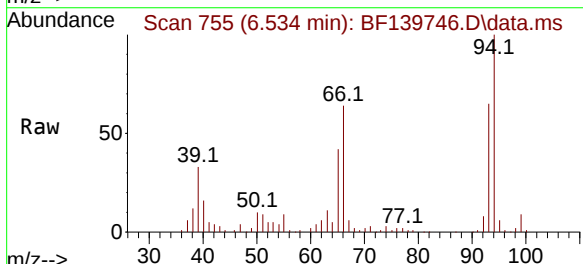
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1B-7MSD

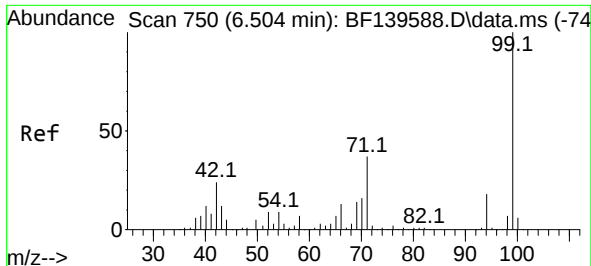
Tgt Ion:112 Resp: 618624  
Ion Ratio Lower Upper  
112 100  
64 68.3 54.2 81.4  
63 36.6 29.4 44.2



#6  
Aniline  
Concen: 21.541 ng  
RT: 6.534 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion: 93 Resp: 119600  
Ion Ratio Lower Upper  
93 100  
66 98.4 40.9 61.3#  
65 65.0 23.3 34.9#

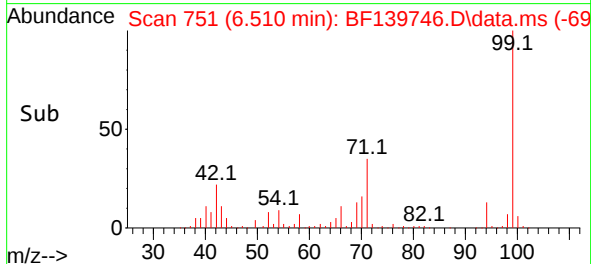
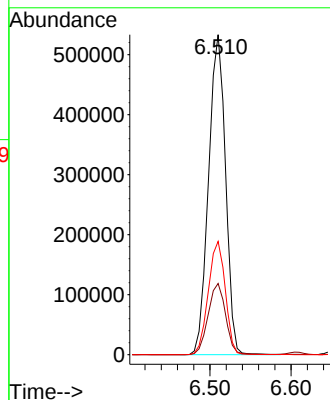
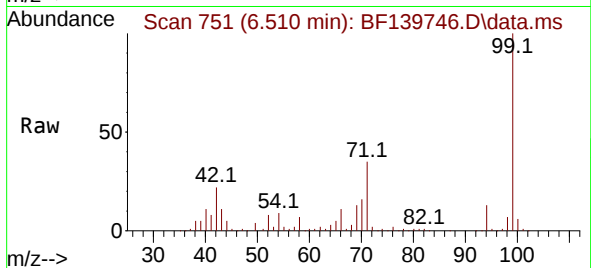




#7  
Phenol-d6  
Concen: 123.614 ng  
RT: 6.510 min Scan# 750  
Delta R.T. 0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

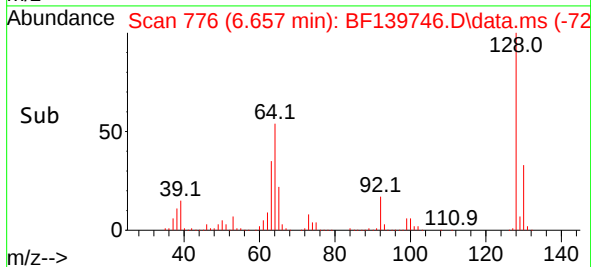
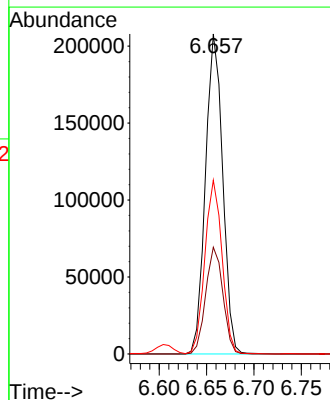
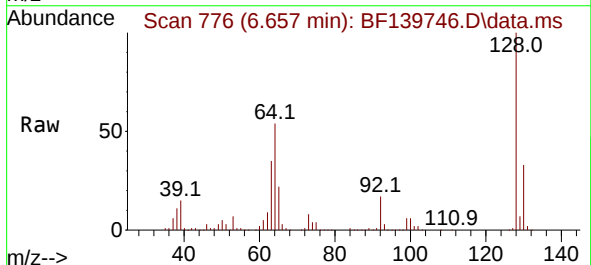
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

Tgt Ion: 99 Resp: 773444  
Ion Ratio Lower Upper  
99 100  
42 22.2 19.1 28.7  
71 35.4 29.7 44.5



#8  
2-Chlorophenol  
Concen: 52.752 ng  
RT: 6.657 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion: 128 Resp: 262963  
Ion Ratio Lower Upper  
128 100  
130 33.4 13.2 53.2  
64 54.3 35.1 75.1





#9

Benzaldehyde

Concen: 10.278 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

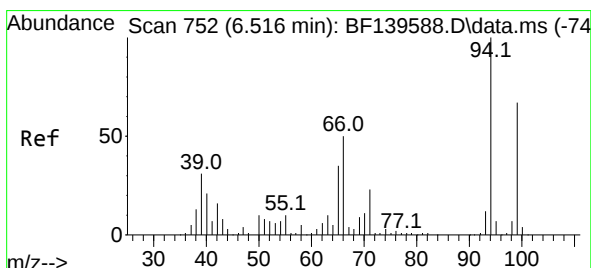
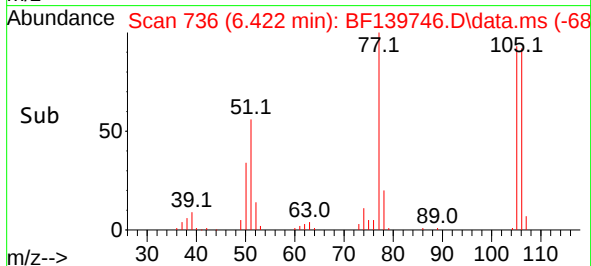
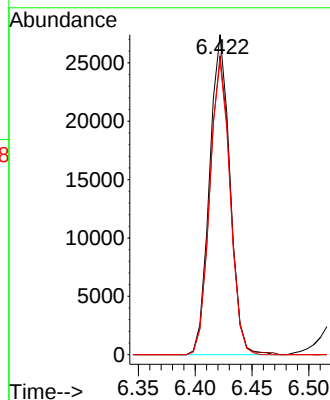
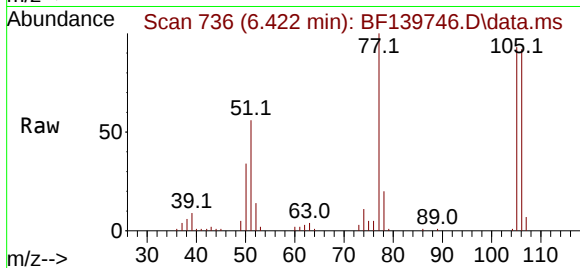
Tgt Ion: 77 Resp: 34066

Ion Ratio Lower Upper

77 100

105 93.3 72.7 112.7

106 91.8 70.1 110.1



#10

Phenol

Concen: 48.015 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

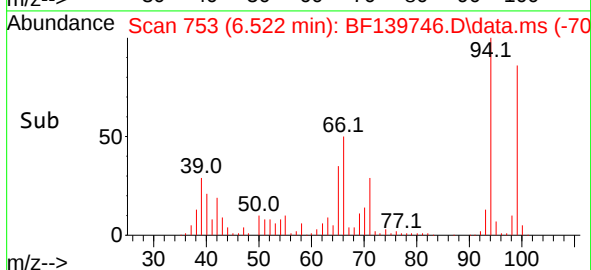
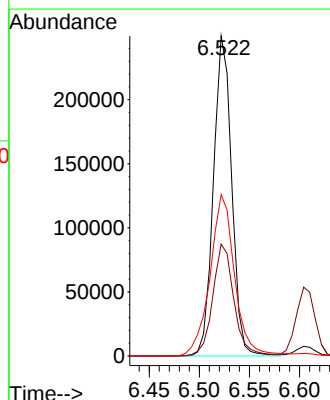
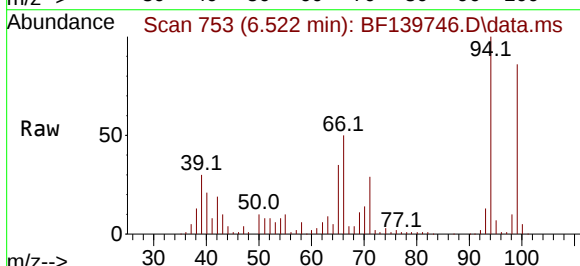
Tgt Ion: 94 Resp: 315899

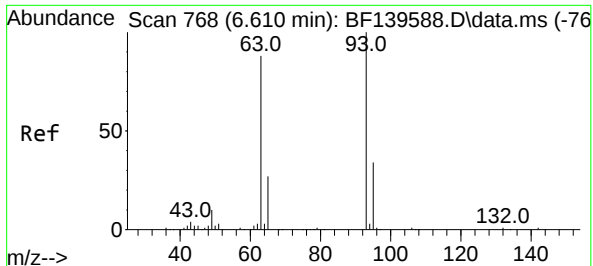
Ion Ratio Lower Upper

94 100

65 34.9 15.3 55.3

66 50.4 30.5 70.5

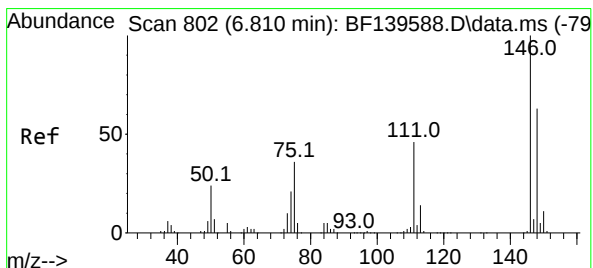
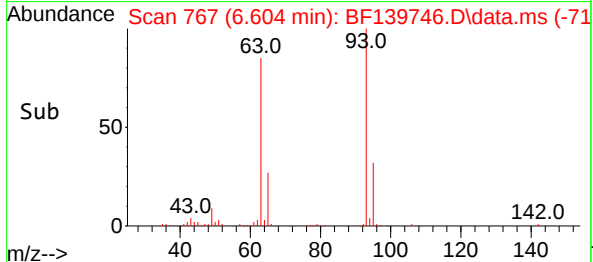
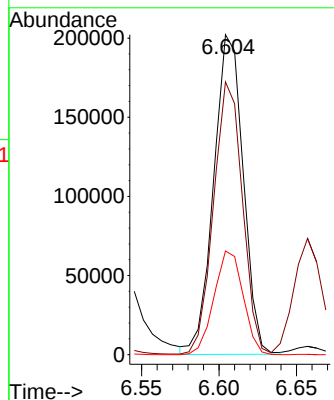
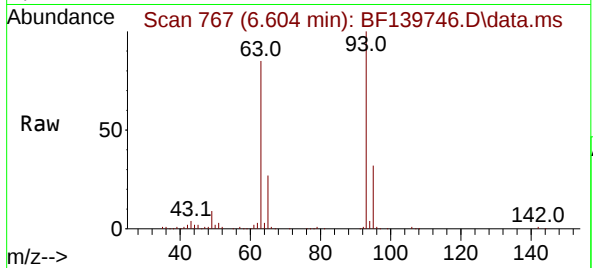




#11  
bis(2-Chloroethyl)ether  
Concen: 49.987 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

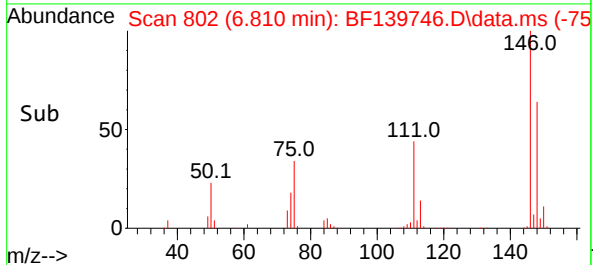
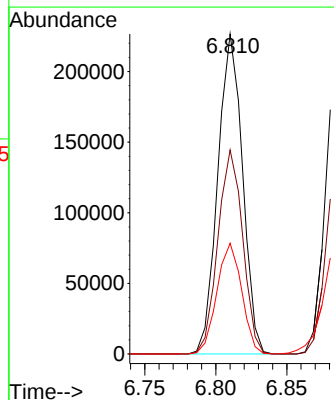
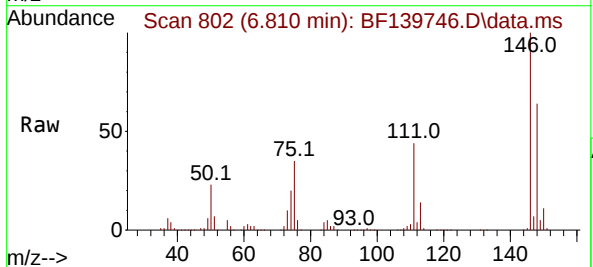
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

Tgt Ion: 93 Resp: 267769  
Ion Ratio Lower Upper  
93 100  
63 85.2 64.1 104.1  
95 32.4 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 48.931 ng  
RT: 6.810 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion: 146 Resp: 274392  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.2 75.4  
75 34.6 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 48.649 ng

RT: 6.886 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

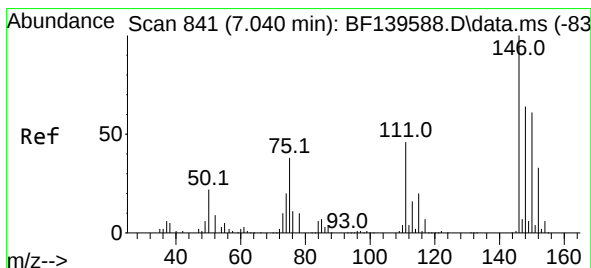
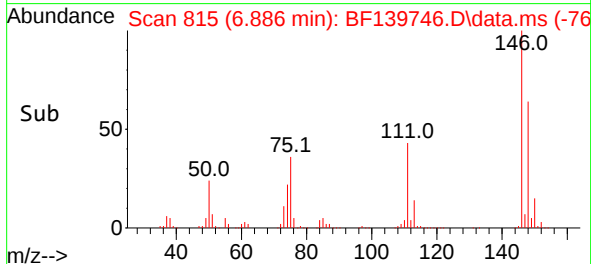
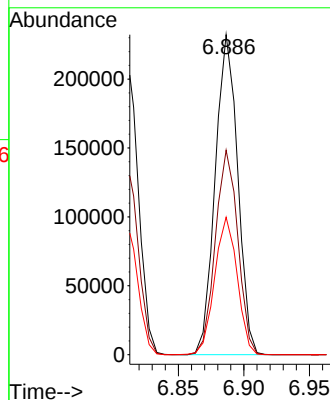
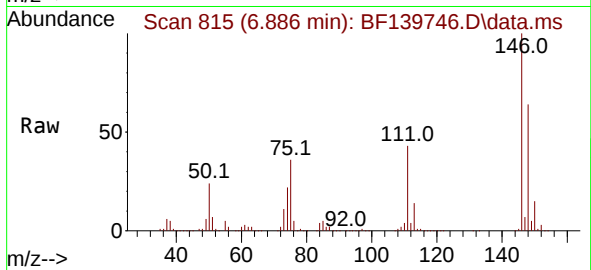
Tgt Ion:146 Resp: 276307

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 42.9 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 49.624 ng

RT: 7.039 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

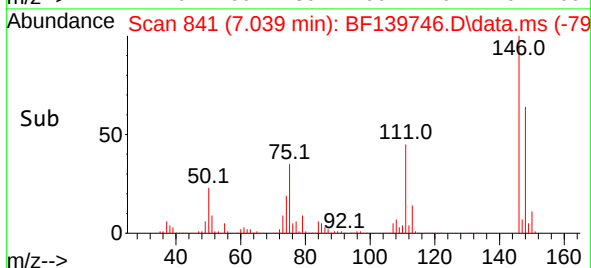
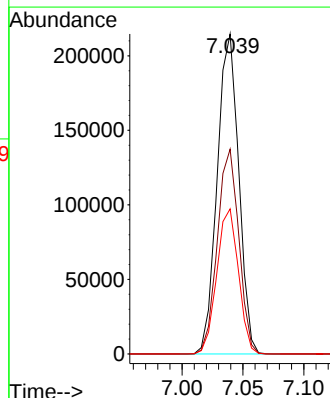
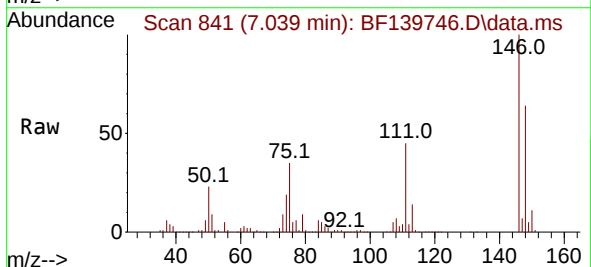
Tgt Ion:146 Resp: 264149

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

111 45.3 37.0 55.6

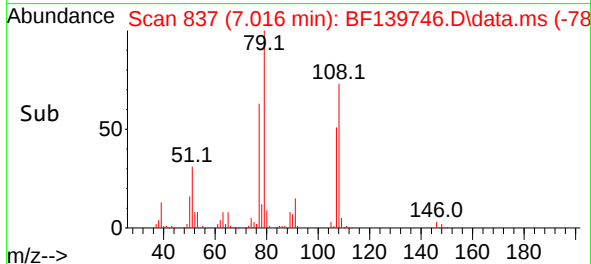
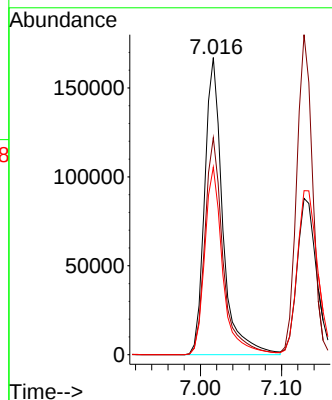
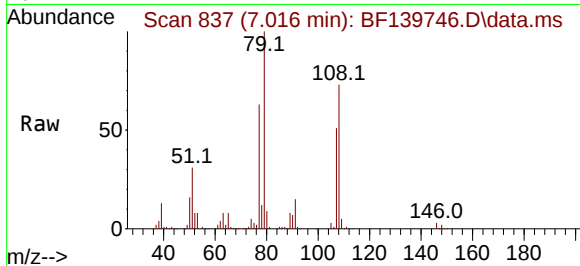




#15  
Benzyl Alcohol  
Concen: 53.835 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

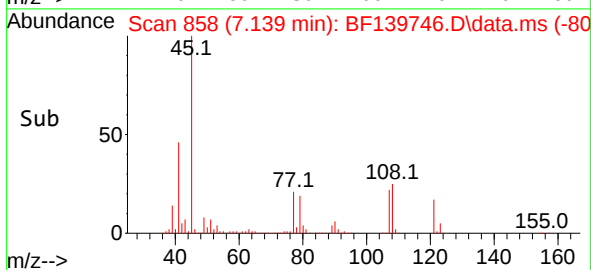
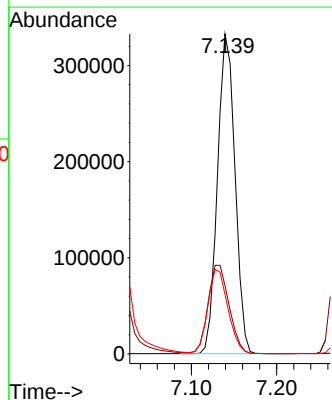
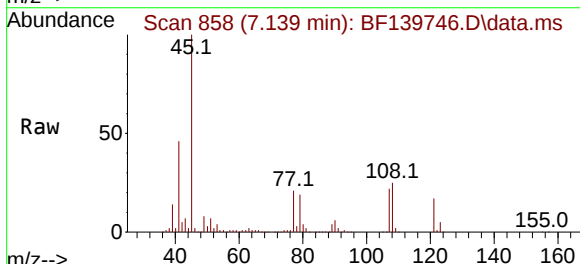
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

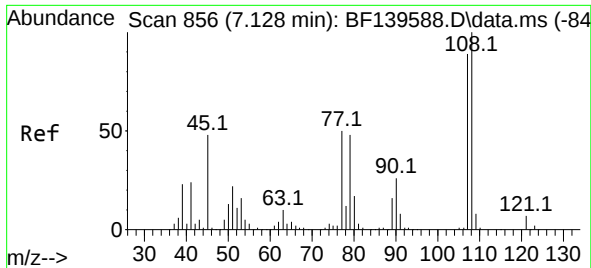
Tgt Ion: 79 Resp: 257367  
Ion Ratio Lower Upper  
79 100  
108 73.0 55.1 82.7  
77 63.1 50.8 76.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 51.154 ng  
RT: 7.139 min Scan# 858  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion: 45 Resp: 474379  
Ion Ratio Lower Upper  
45 100  
77 21.3 0.0 32.5  
79 18.6 0.0 29.7

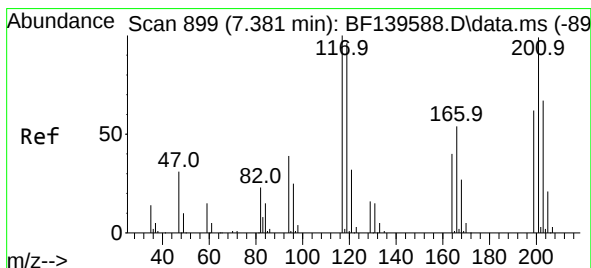
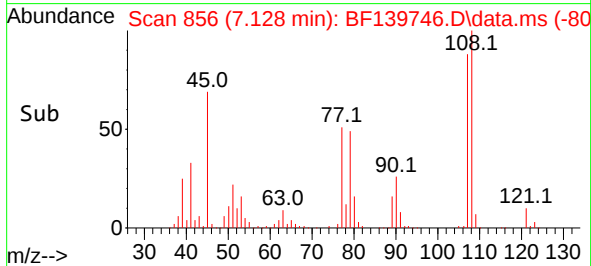
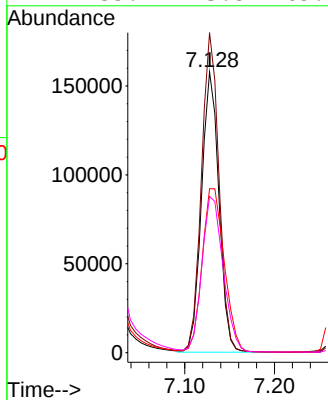
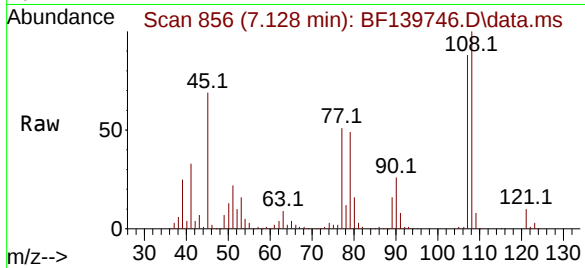




#17  
2-Methylphenol  
Concen: 51.126 ng  
RT: 7.128 min Scan# 856  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

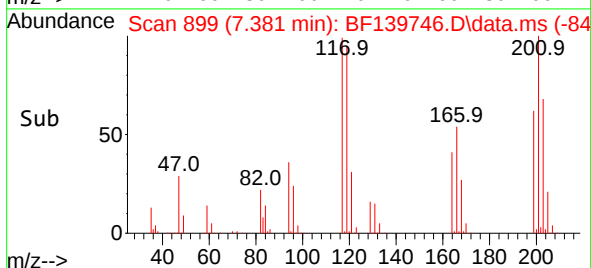
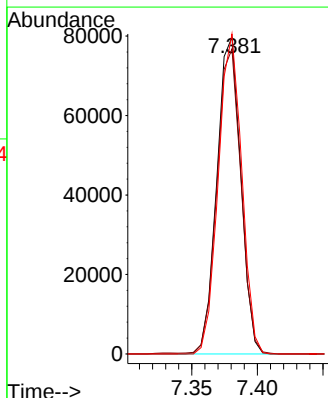
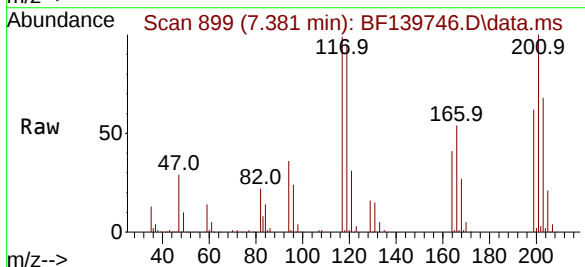
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

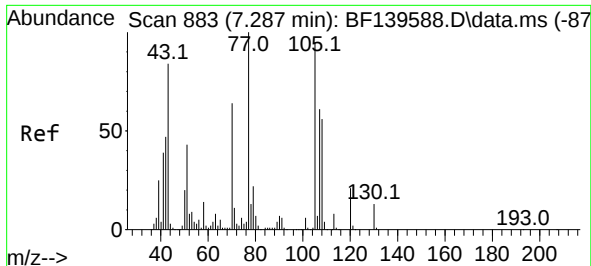
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 212759 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.0 | 89.8  | 134.6  |
| 77       | 58.4  | 44.6  | 67.0   |
| 79       | 55.7  | 43.8  | 65.6   |



#18  
Hexachloroethane  
Concen: 47.478 ng  
RT: 7.381 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 100580 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.3  | 77.0  | 115.6  |
| 201      | 101.0 | 79.2  | 118.8  |



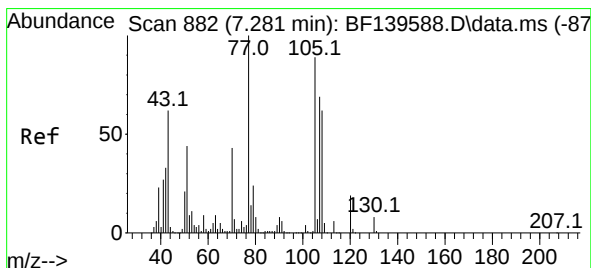
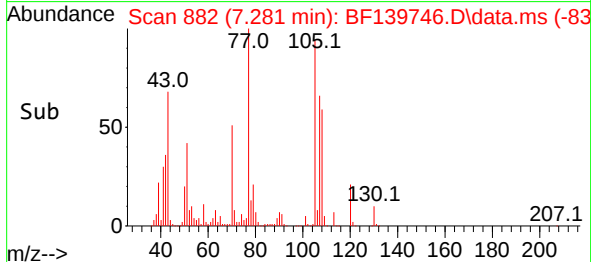
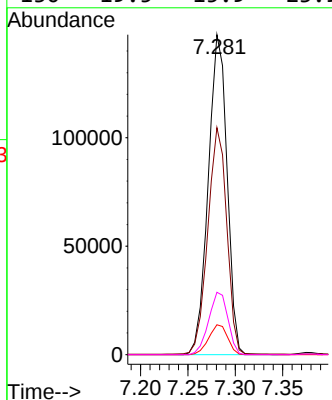
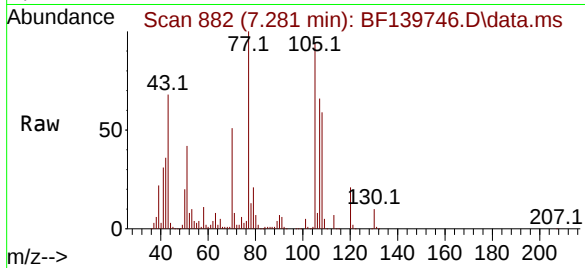


#19  
n-Nitroso-di-n-propylamine  
Concen: 50.613 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

Tgt Ion: 70 Resp: 203600

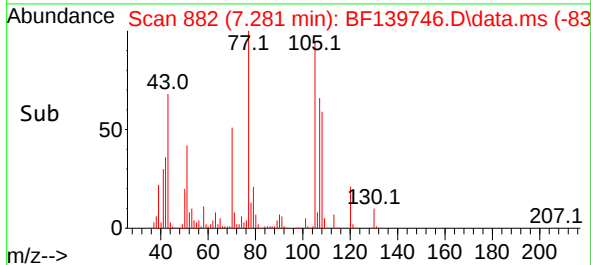
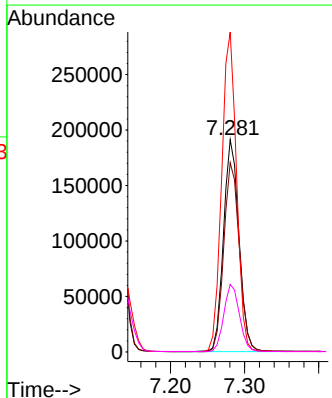
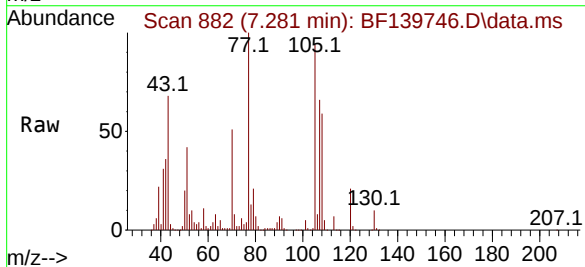
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 71.0  | 58.0  | 87.0  |
| 101 | 9.4   | 7.8   | 11.8  |
| 130 | 19.5  | 15.9  | 23.9  |



#20  
3+4-Methylphenols  
Concen: 53.015 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion: 107 Resp: 277109

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.2  | 70.2  | 110.2 |
| 77  | 150.8 | 125.3 | 165.3 |
| 79  | 31.9  | 14.3  | 54.3  |

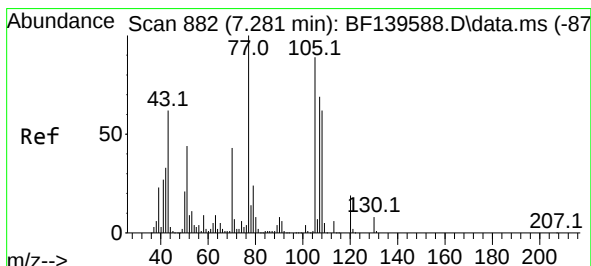
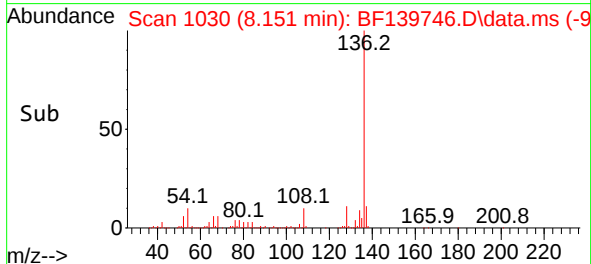
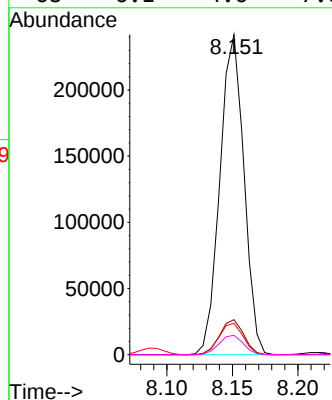
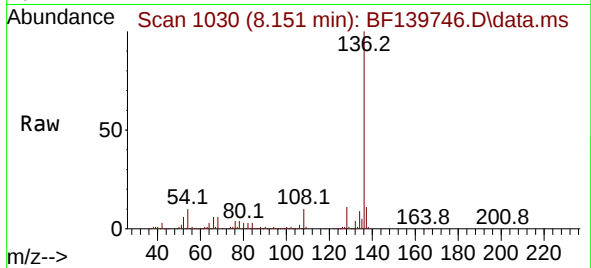




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

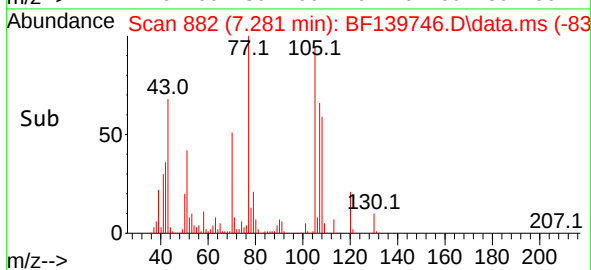
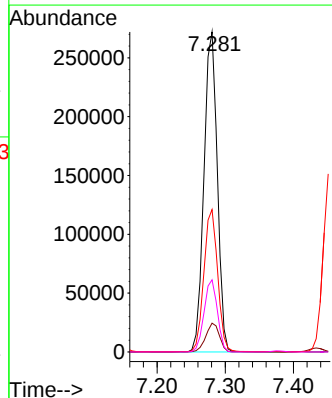
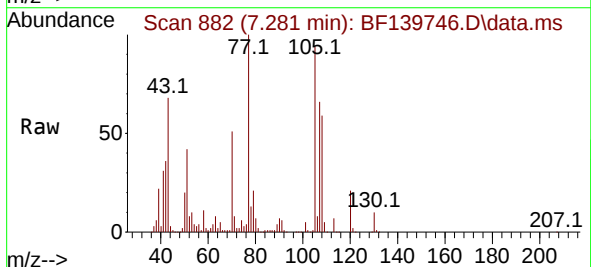
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

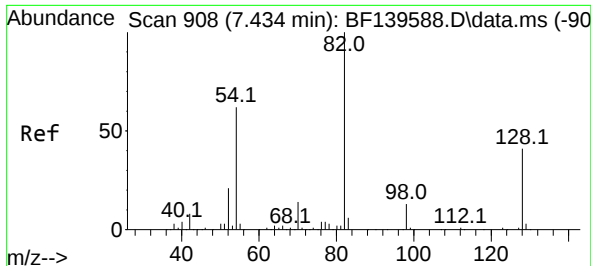
Tgt Ion:136 Resp: 308129  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 9.8 8.3 12.5  
68 6.1 4.6 7.0



#22  
Acetophenone  
Concen: 50.667 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:105 Resp: 370582  
Ion Ratio Lower Upper  
105 100  
71 9.0 6.6 10.0  
51 44.5 39.4 59.0  
120 22.6 17.4 26.2

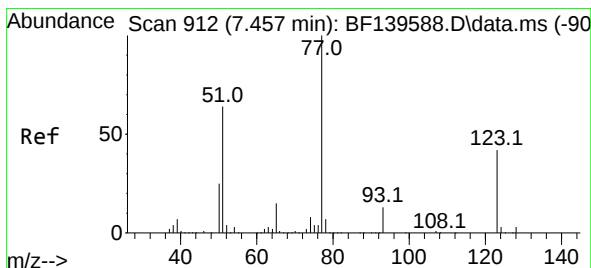
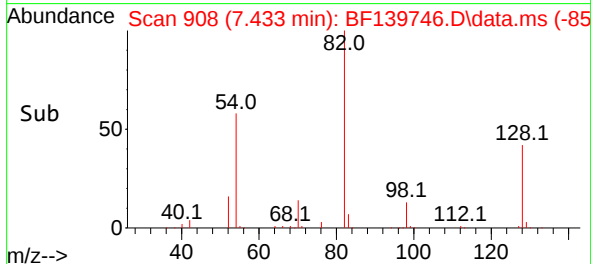
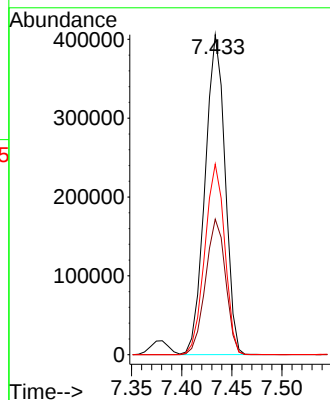
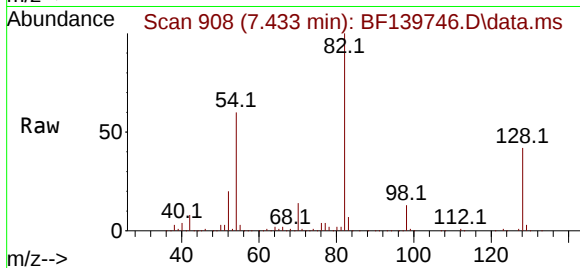




#23  
 Nitrobenzene-d5  
 Concen: 92.687 ng  
 RT: 7.433 min Scan# 908  
 Delta R.T. -0.000 min  
 Lab File: BF139746.D  
 Acq: 10 Oct 2024 15:05

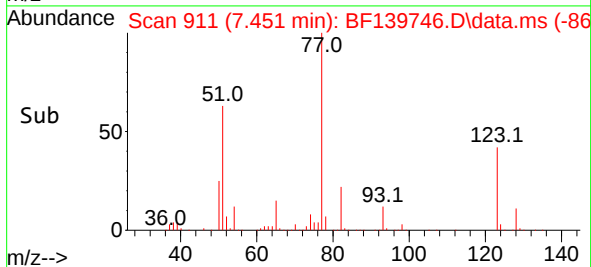
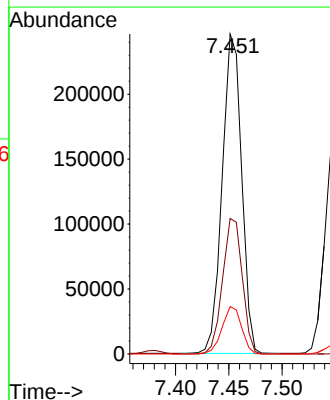
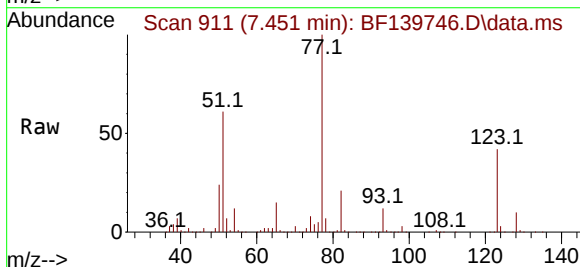
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1B-7MSD

Tgt Ion: 82 Resp: 564078  
 Ion Ratio Lower Upper  
 82 100  
 128 42.3 32.4 48.6  
 54 59.6 49.1 73.7



#24  
 Nitrobenzene  
 Concen: 49.342 ng  
 RT: 7.451 min Scan# 911  
 Delta R.T. -0.006 min  
 Lab File: BF139746.D  
 Acq: 10 Oct 2024 15:05

Tgt Ion: 77 Resp: 310951  
 Ion Ratio Lower Upper  
 77 100  
 123 42.3 34.2 51.4  
 65 14.8 12.1 18.1

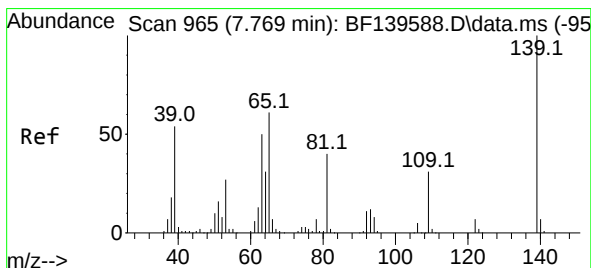
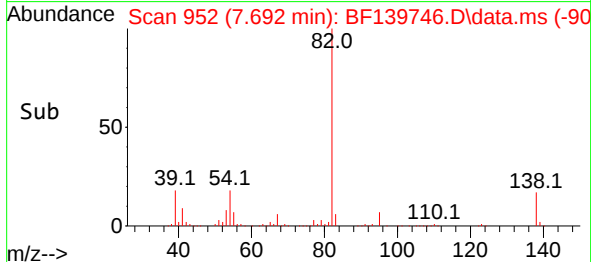
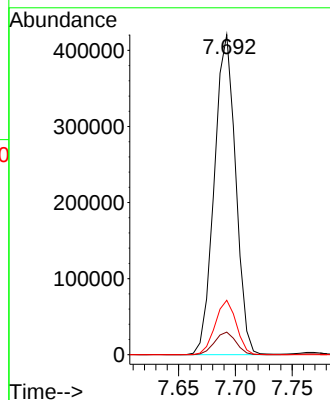
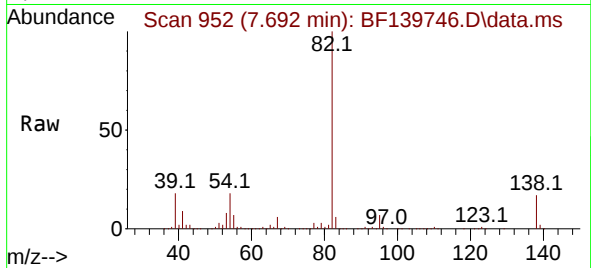




#25  
Isophorone  
Concen: 50.914 ng  
RT: 7.692 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

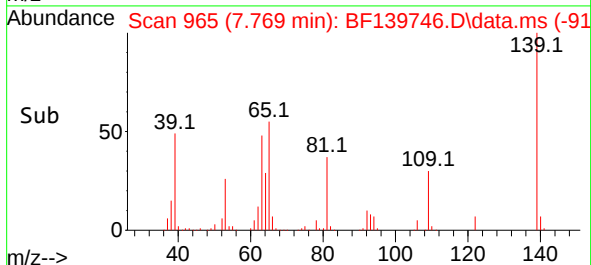
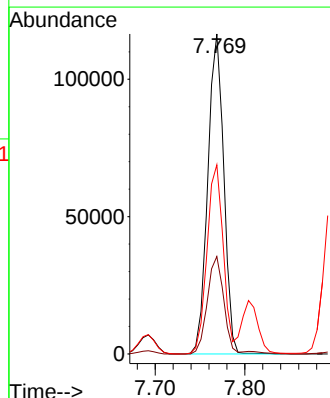
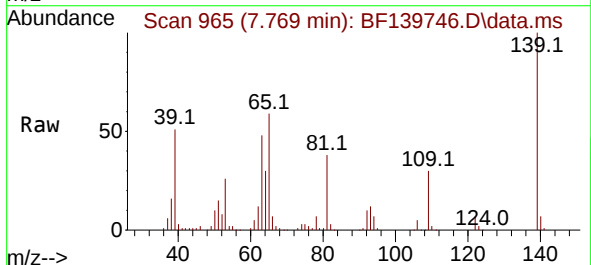
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

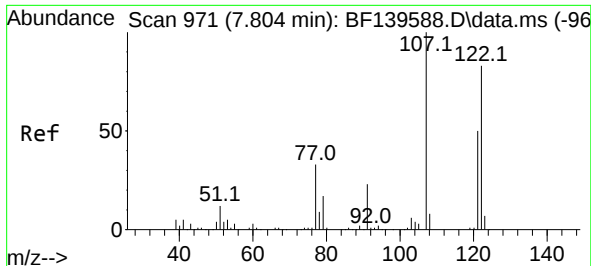
Tgt Ion: 82 Resp: 550340  
Ion Ratio Lower Upper  
82 100  
95 7.1 6.1 9.1  
138 17.0 13.4 20.2



#26  
2-Nitrophenol  
Concen: 53.179 ng  
RT: 7.769 min Scan# 965  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:139 Resp: 144072  
Ion Ratio Lower Upper  
139 100  
109 30.5 24.9 37.3  
65 59.1 48.6 72.8

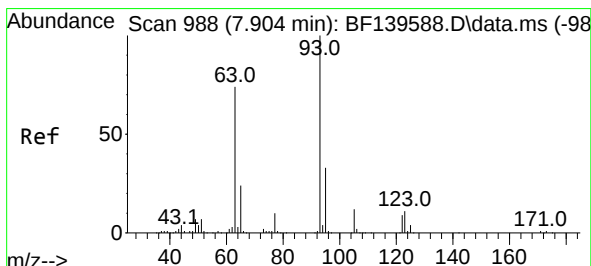
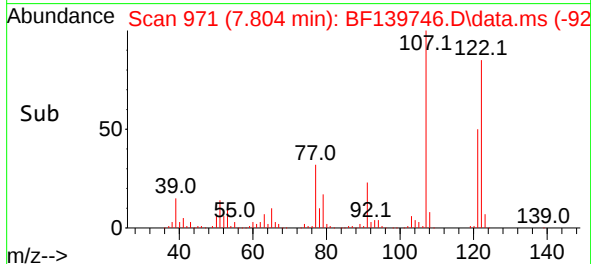
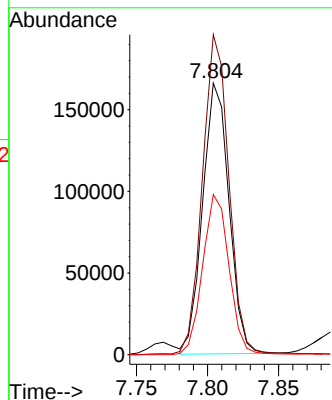
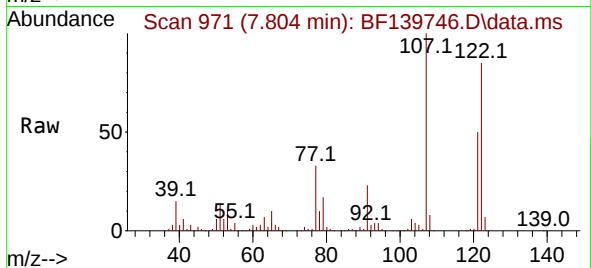




#27  
2,4-Dimethylphenol  
Concen: 64.535 ng  
RT: 7.804 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

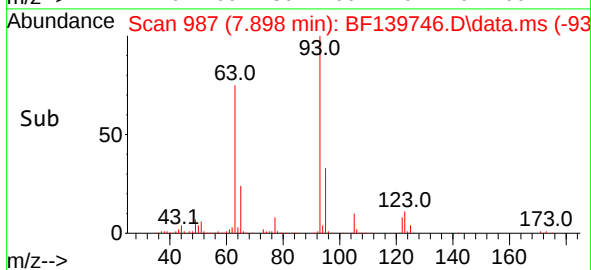
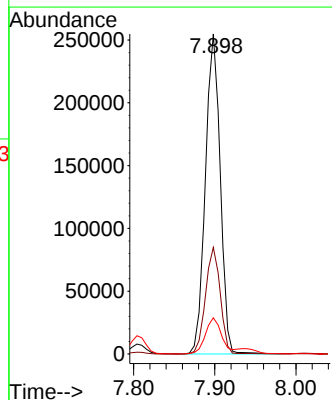
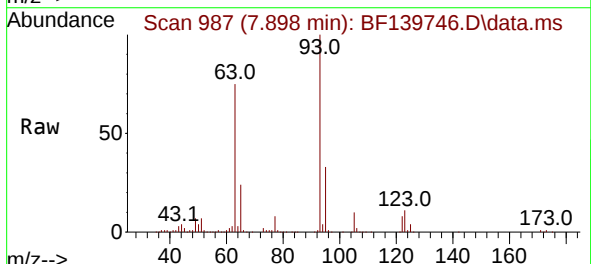
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

Tgt Ion:122 Resp: 214035  
Ion Ratio Lower Upper  
122 100  
107 117.8 95.4 143.0  
121 59.0 47.4 71.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 50.005 ng  
RT: 7.898 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion: 93 Resp: 322761  
Ion Ratio Lower Upper  
93 100  
95 33.3 26.5 39.7  
123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.940 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

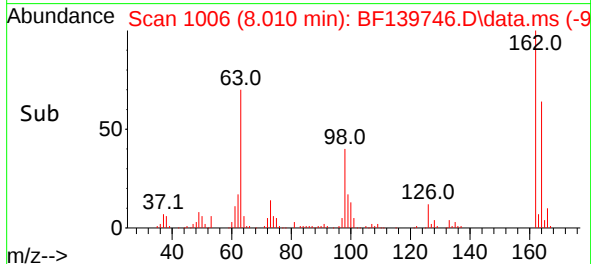
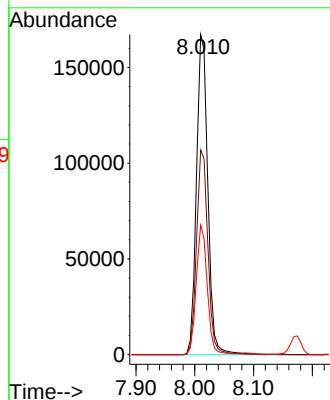
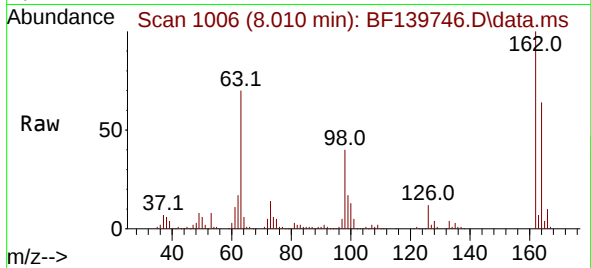
Tgt Ion:162 Resp: 224692

Ion Ratio Lower Upper

162 100

164 63.9 43.1 83.1

98 40.5 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 47.327 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

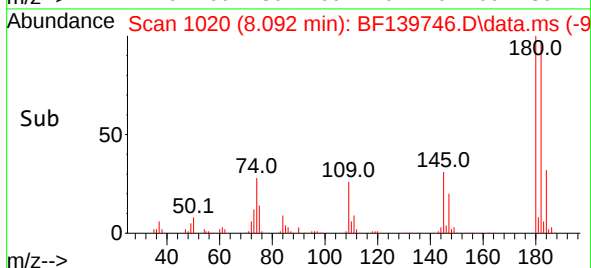
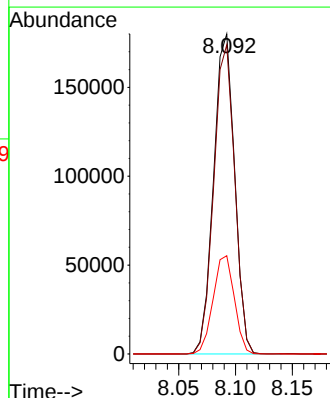
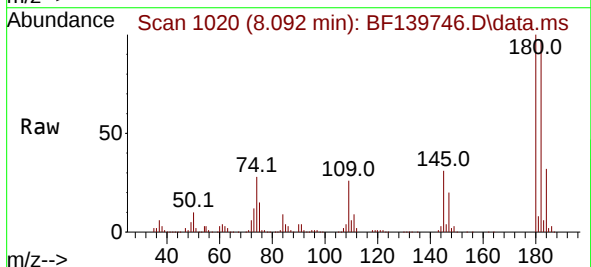
Tgt Ion:180 Resp: 231532

Ion Ratio Lower Upper

180 100

182 96.6 76.0 114.0

145 30.7 25.0 37.6

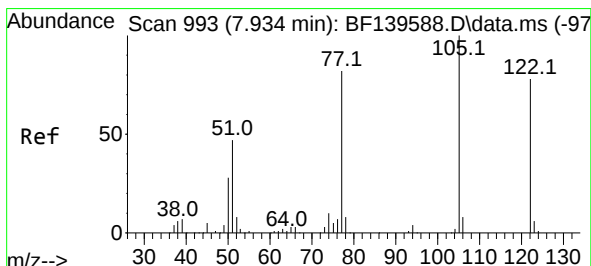
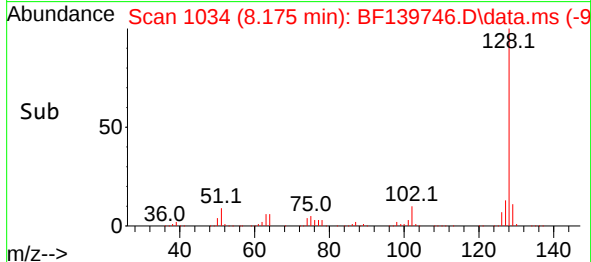
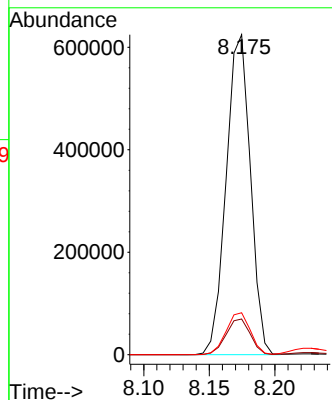
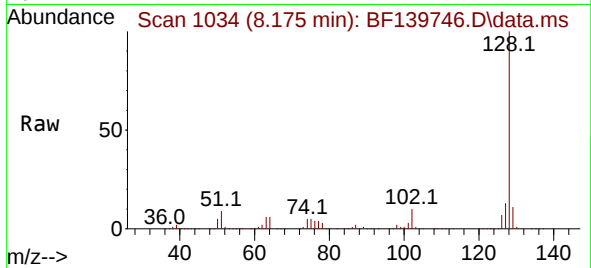




#31  
Naphthalene  
Concen: 50.964 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

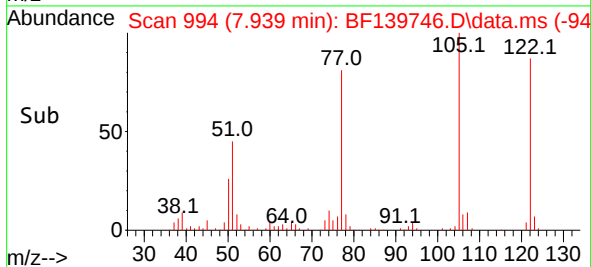
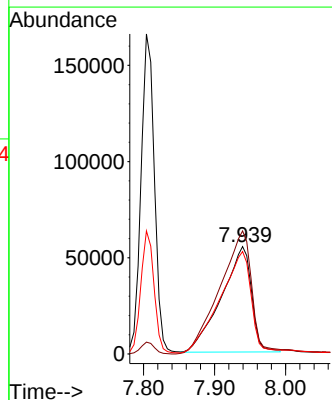
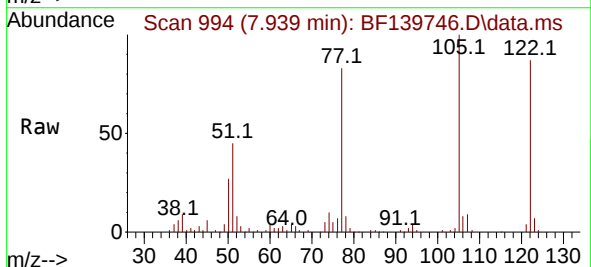
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

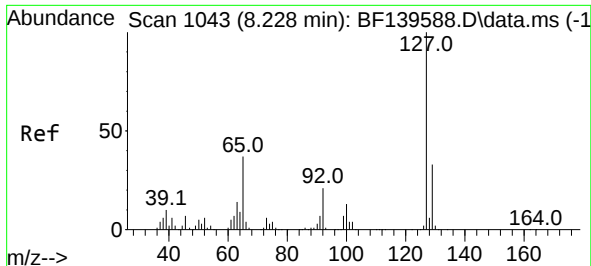
Tgt Ion:128 Resp: 802893  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.8 13.2  
127 13.1 10.5 15.7



#32  
Benzoic acid  
Concen: 48.978 ng  
RT: 7.939 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:122 Resp: 161521  
Ion Ratio Lower Upper  
122 100  
105 114.7 104.9 144.9  
77 95.4 82.7 122.7

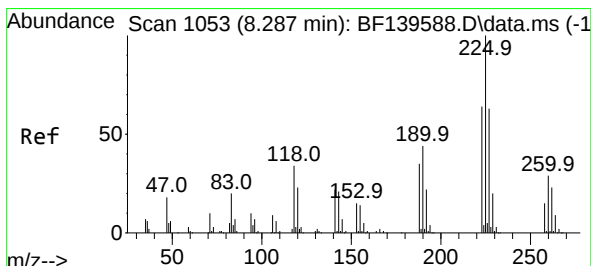
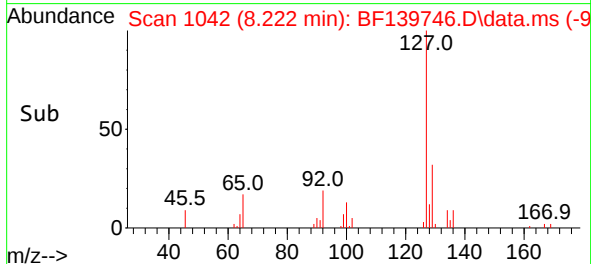
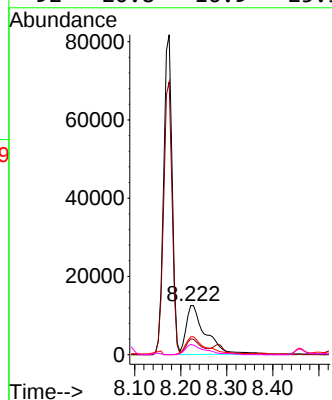
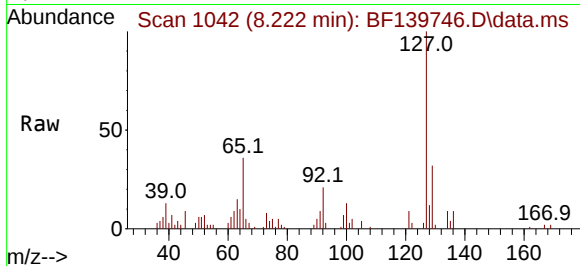




#33  
4-Chloroaniline  
Concen: 6.837 ng  
RT: 8.222 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

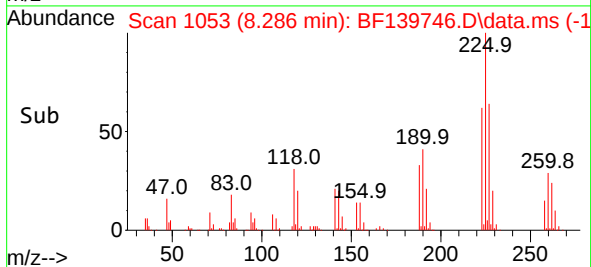
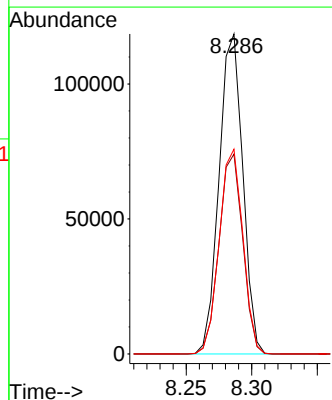
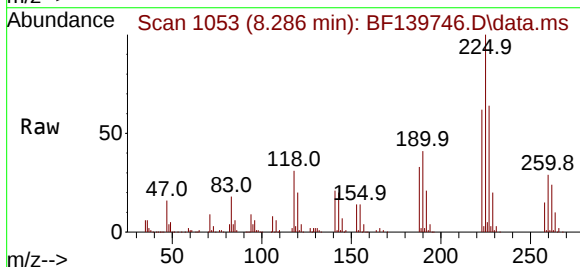
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

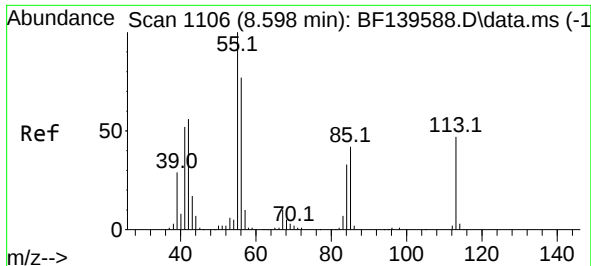
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 36462 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.9  | 26.2  | 39.4  |
| 65       | 36.4  | 29.3  | 43.9  |
| 92       | 20.8  | 16.9  | 25.3  |



#34  
Hexachlorobutadiene  
Concen: 47.058 ng  
RT: 8.286 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 148982 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 50.9  | 76.3   |
| 227      | 64.0  | 50.7  | 76.1   |

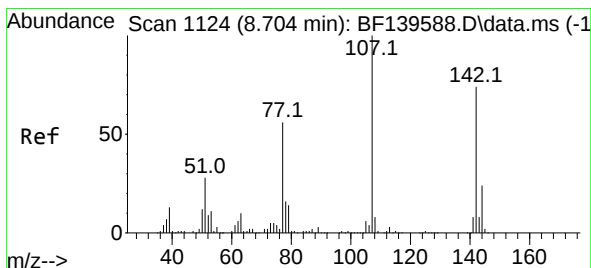
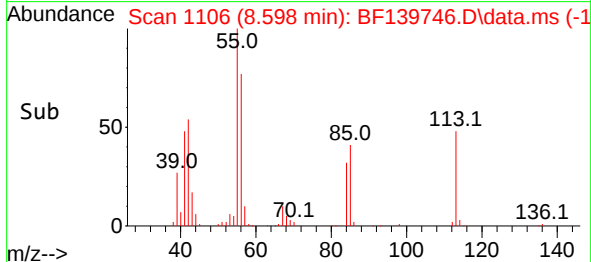
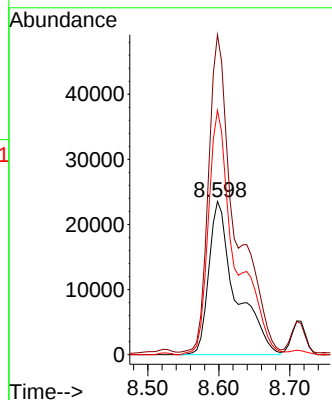
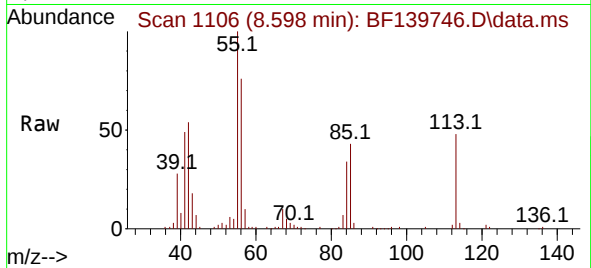




#35  
 Caprolactam  
 Concen: 43.654 ng  
 RT: 8.598 min Scan# 1106  
 Delta R.T. -0.000 min  
 Lab File: BF139746.D  
 Acq: 10 Oct 2024 15:05

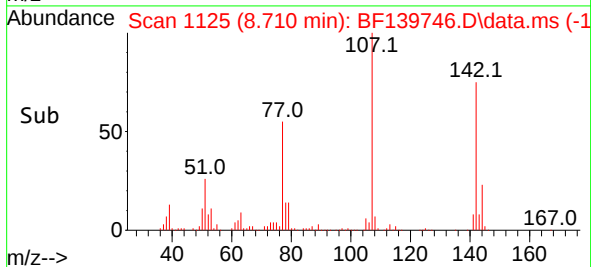
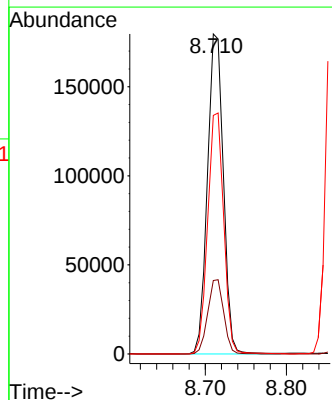
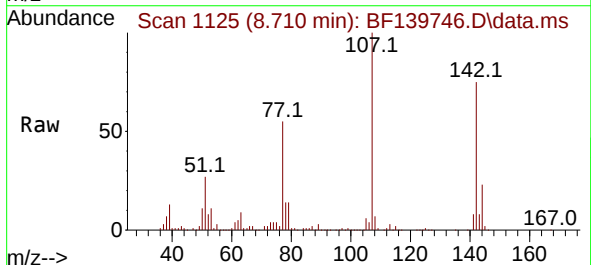
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1B-7MSD

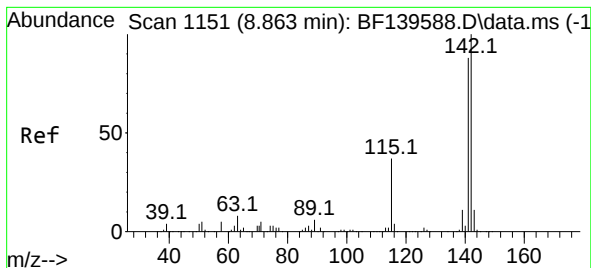
Tgt Ion:113 Resp: 61940  
 Ion Ratio Lower Upper  
 113 100  
 55 208.8 193.4 233.4  
 56 159.4 143.8 183.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 50.038 ng  
 RT: 8.710 min Scan# 1125  
 Delta R.T. 0.006 min  
 Lab File: BF139746.D  
 Acq: 10 Oct 2024 15:05

Tgt Ion:107 Resp: 245034  
 Ion Ratio Lower Upper  
 107 100  
 144 22.9 19.0 28.6  
 142 74.5 59.2 88.8





#37

2-Methylnaphthalene

Concen: 50.717 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

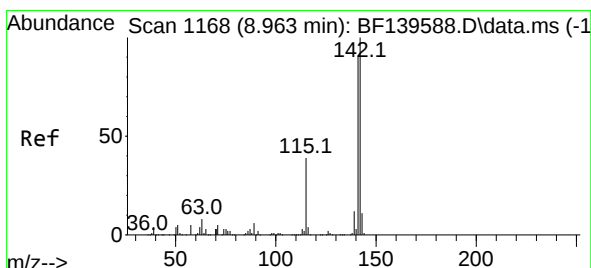
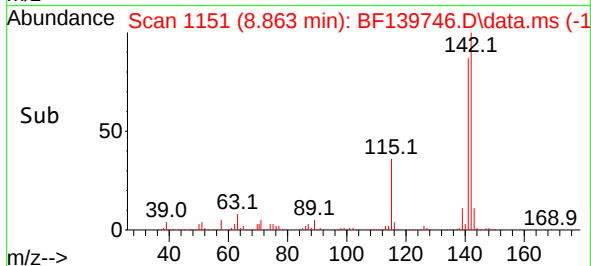
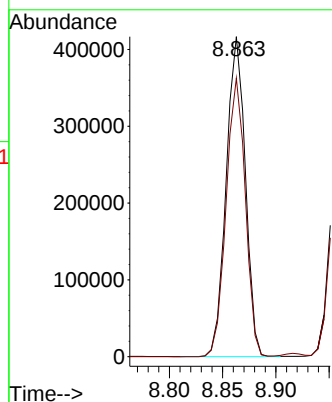
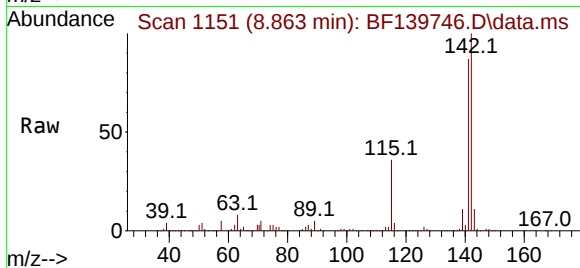
1B-7MSD

Tgt Ion:142 Resp: 520383

Ion Ratio Lower Upper

142 100

141 87.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 48.128 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139746.D

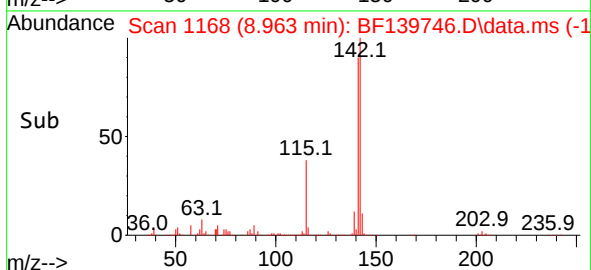
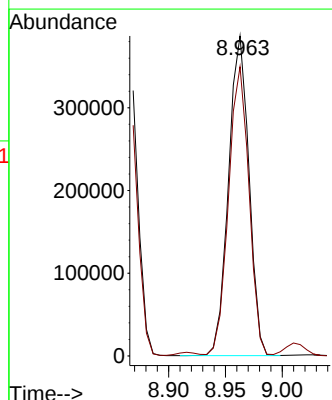
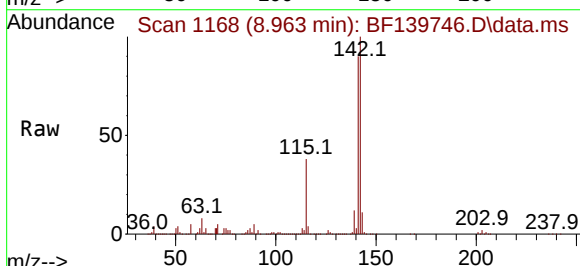
Acq: 10 Oct 2024 15:05

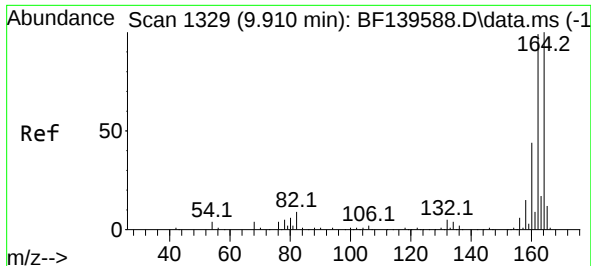
Tgt Ion:142 Resp: 482700

Ion Ratio Lower Upper

142 100

141 90.4 73.0 109.4

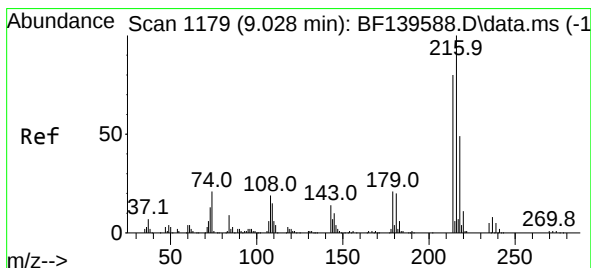
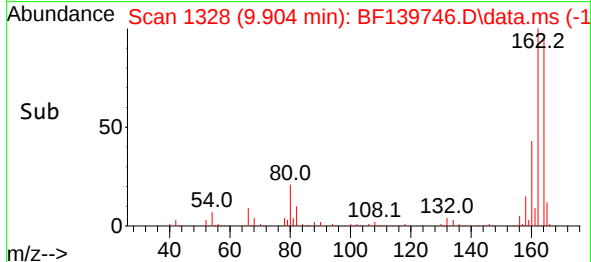
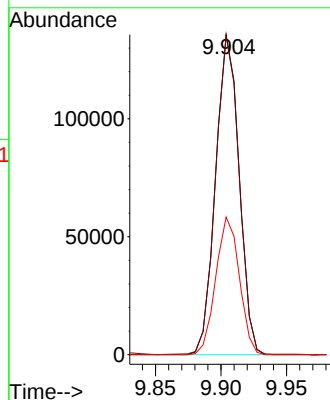
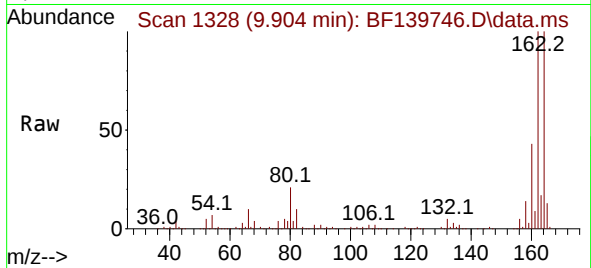




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

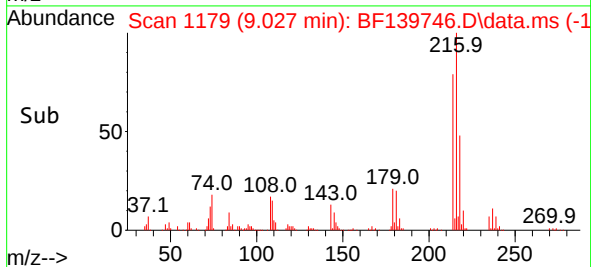
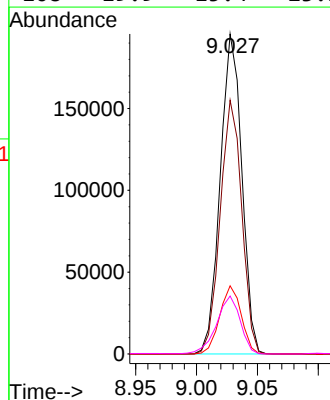
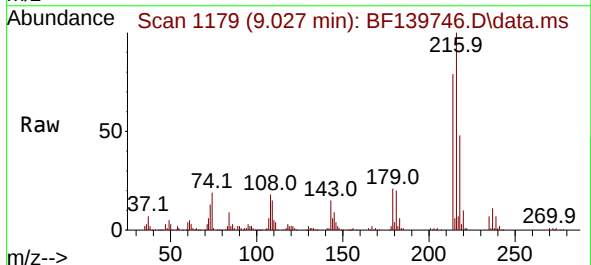
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

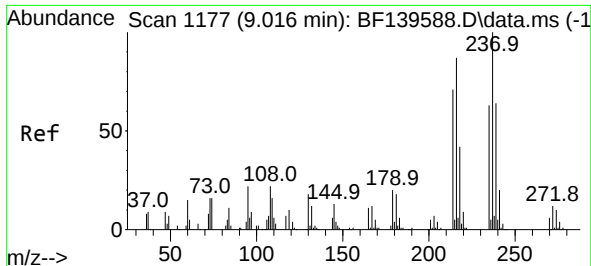
Tgt Ion:164 Resp: 168907  
Ion Ratio Lower Upper  
164 100  
162 99.7 79.4 119.0  
160 43.0 35.1 52.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.471 ng  
RT: 9.027 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:216 Resp: 241415  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.7 95.5  
179 21.2 16.9 25.3  
108 19.9 15.4 23.2

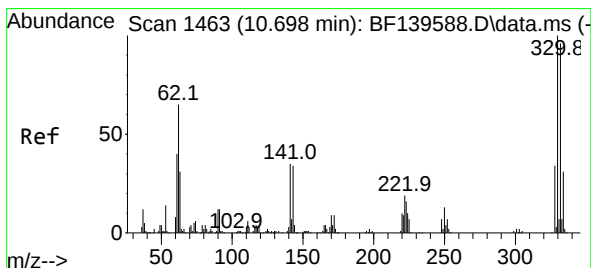
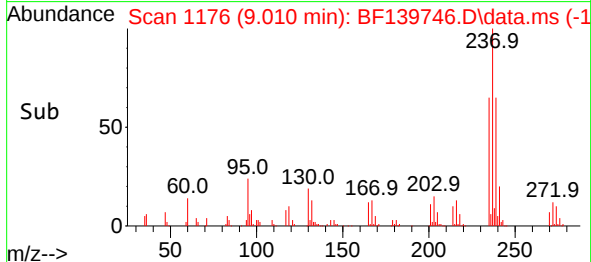
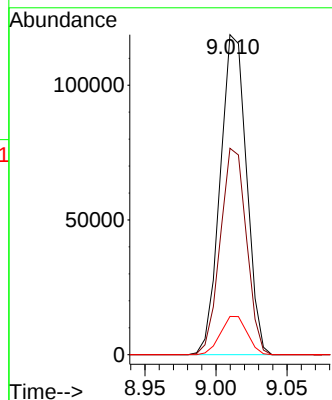
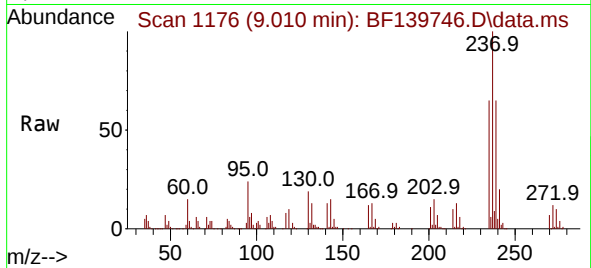




#41  
Hexachlorocyclopentadiene  
Concen: 106.295 ng  
RT: 9.010 min Scan# 1177  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

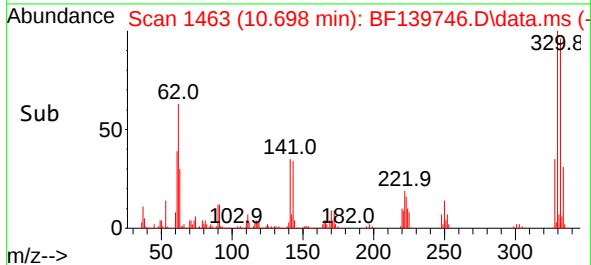
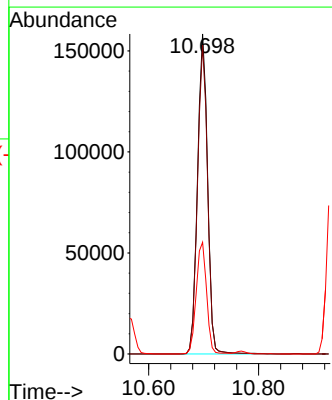
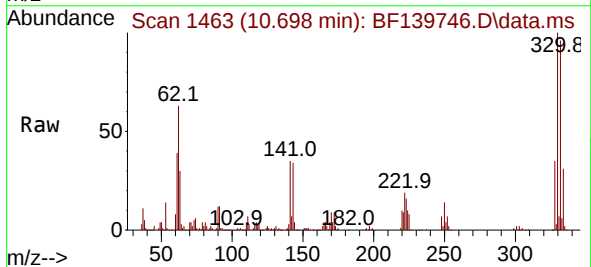
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

Tgt Ion:237 Resp: 152870  
Ion Ratio Lower Upper  
237 100  
235 64.5 42.5 82.5  
272 11.9 0.0 32.1



#42  
2,4,6-Tribromophenol  
Concen: 123.873 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:330 Resp: 201978  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.5 114.7  
141 35.8 29.3 43.9

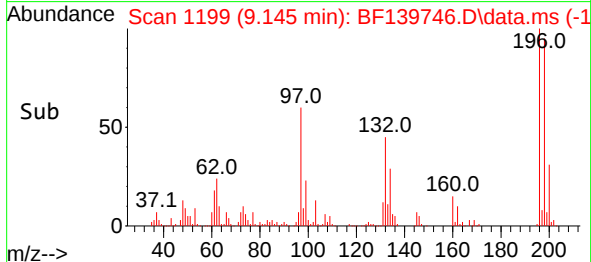
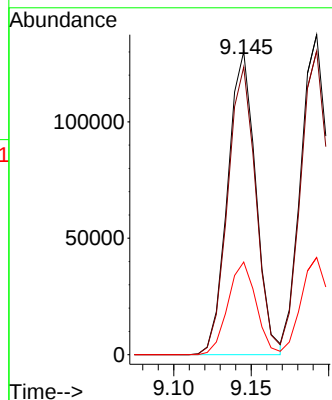
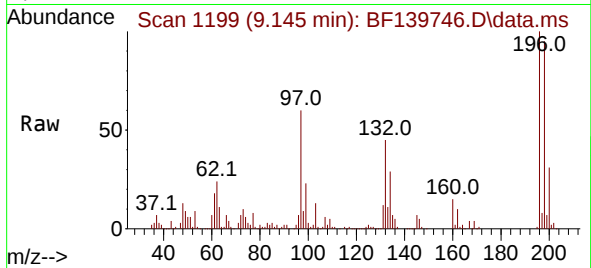




#43  
2,4,6-Trichlorophenol  
Concen: 51.990 ng  
RT: 9.145 min Scan# 1198  
Delta R.T. 0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

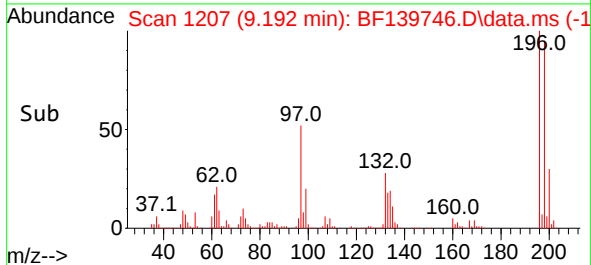
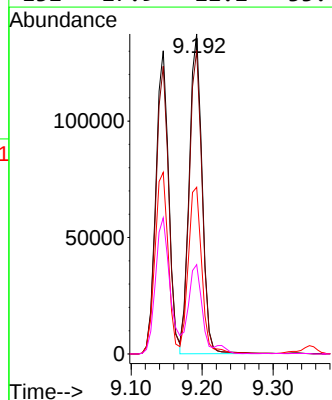
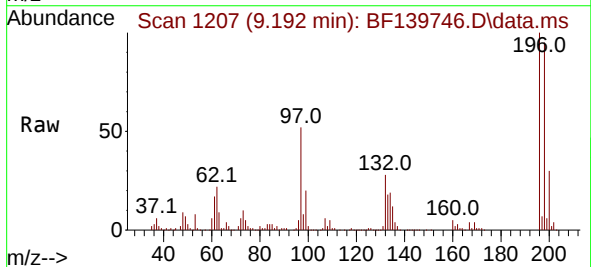
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

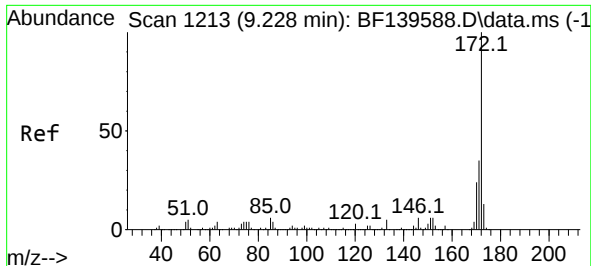
Tgt Ion:196 Resp: 164385  
Ion Ratio Lower Upper  
196 100  
198 94.9 75.2 112.8  
200 30.6 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 50.792 ng  
RT: 9.192 min Scan# 1207  
Delta R.T. 0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:196 Resp: 173192  
Ion Ratio Lower Upper  
196 100  
198 94.9 77.5 116.3  
97 52.1 43.1 64.7  
132 27.9 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 92.156 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

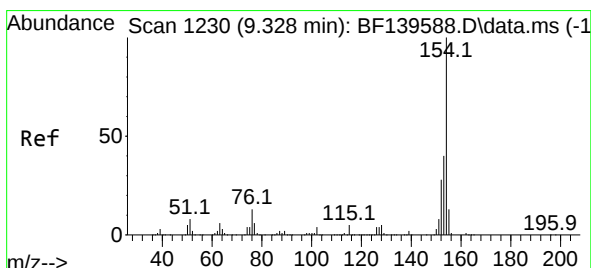
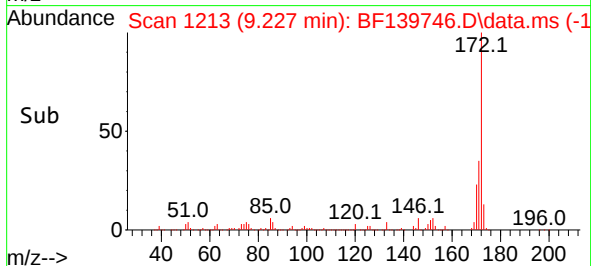
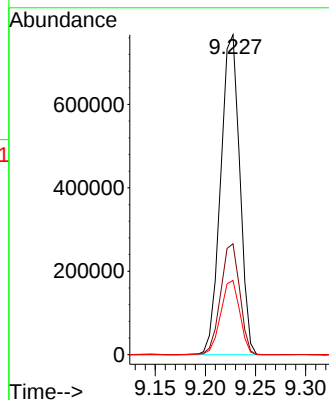
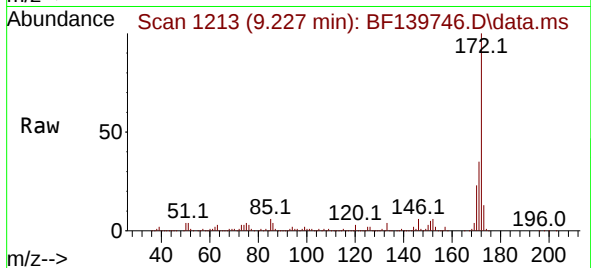
Tgt Ion:172 Resp: 1013940

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.2 18.8 28.2



#46

1,1'-Biphenyl

Concen: 50.738 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

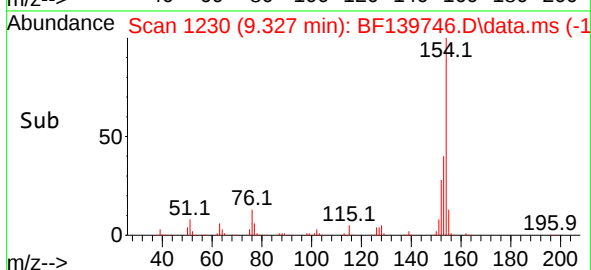
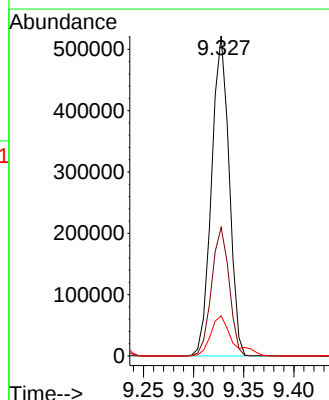
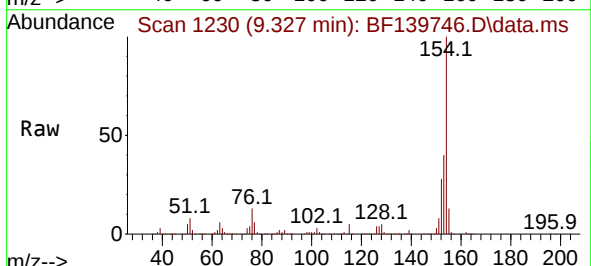
Tgt Ion:154 Resp: 637413

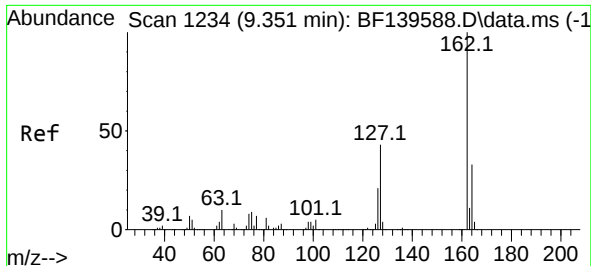
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 12.5 0.0 32.6

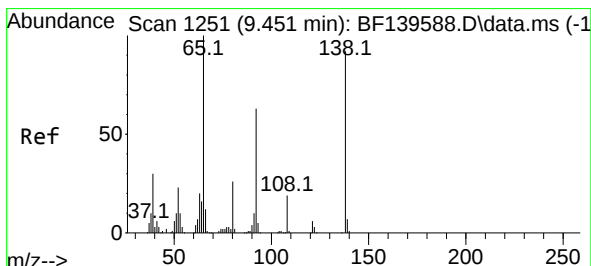
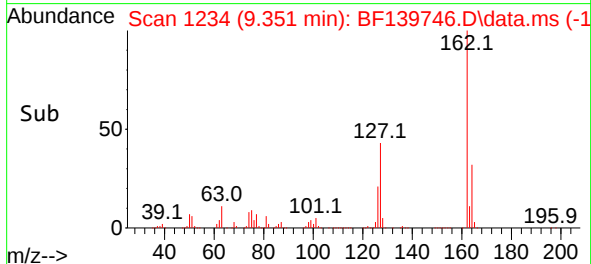
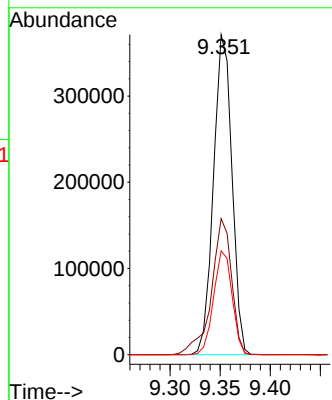
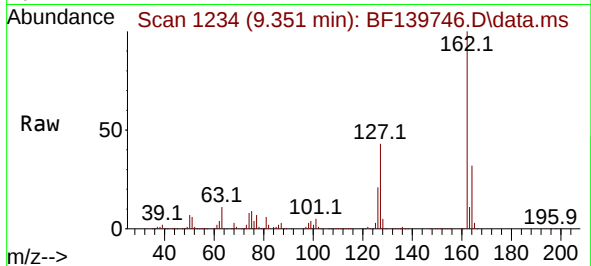




#47  
2-Chloronaphthalene  
Concen: 50.496 ng  
RT: 9.351 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

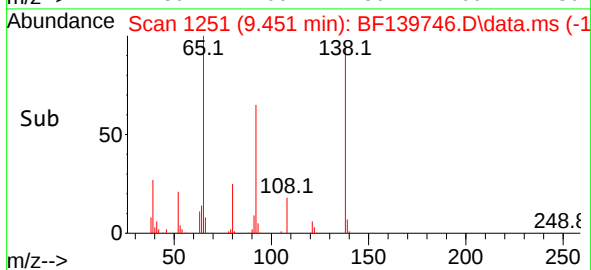
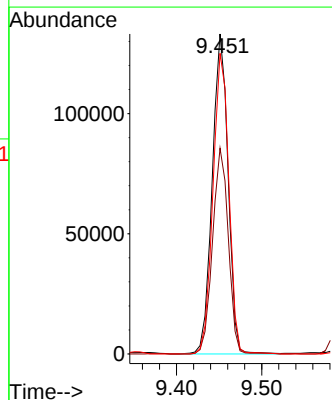
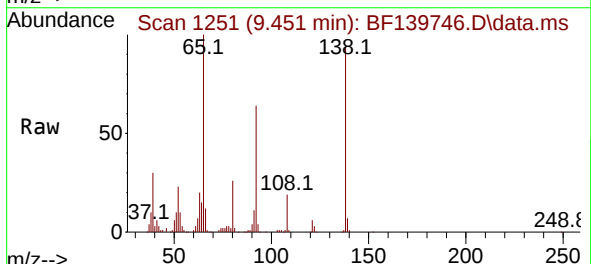
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

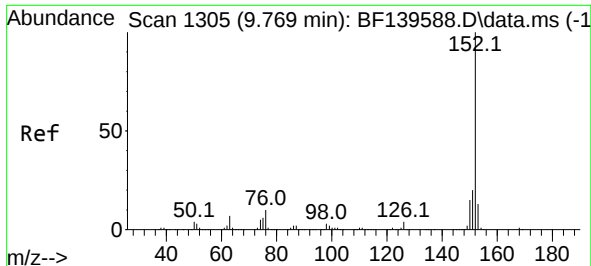
Tgt Ion:162 Resp: 475568  
Ion Ratio Lower Upper  
162 100  
127 42.5 35.0 52.4  
164 32.5 26.1 39.1



#48  
2-Nitroaniline  
Concen: 50.826 ng  
RT: 9.451 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion: 65 Resp: 171830  
Ion Ratio Lower Upper  
65 100  
92 64.3 50.0 75.0  
138 93.9 73.8 110.8





#49

Acenaphthylene

Concen: 54.007 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

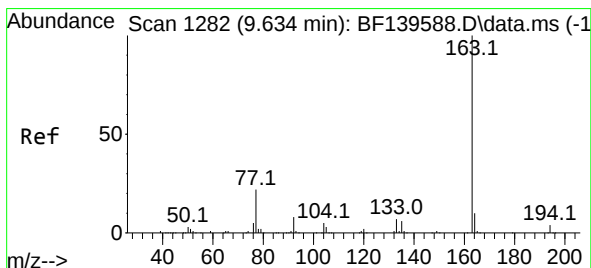
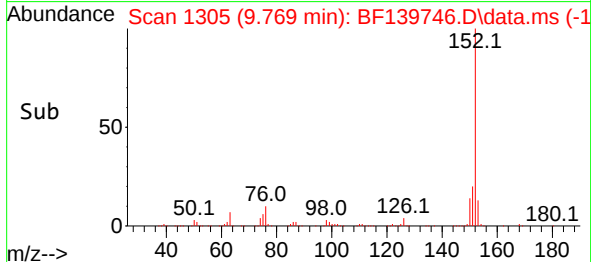
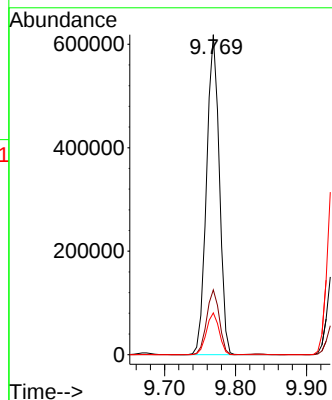
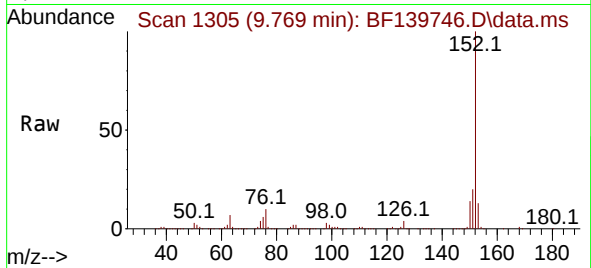
Tgt Ion:152 Resp: 773519

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 52.031 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

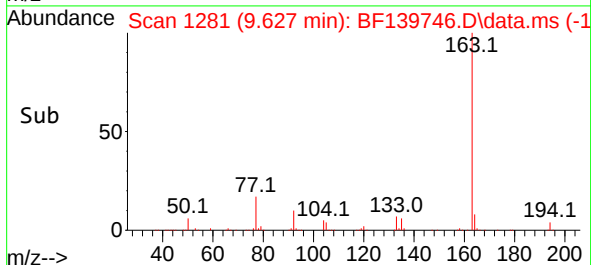
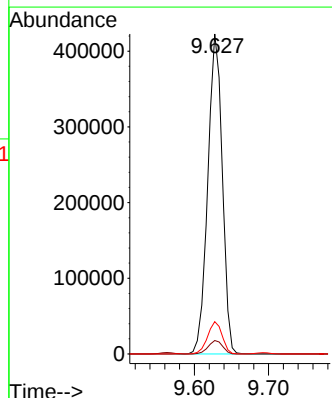
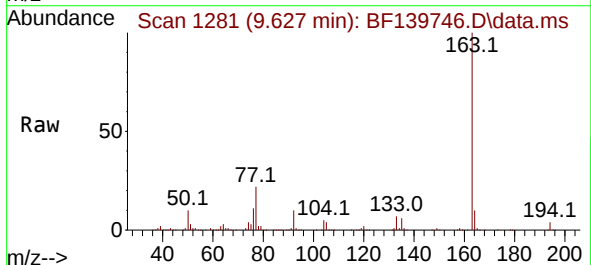
Tgt Ion:163 Resp: 575296

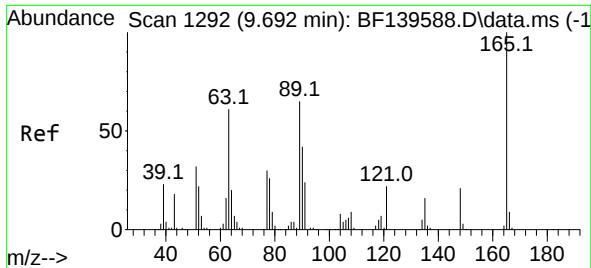
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.1 12.1

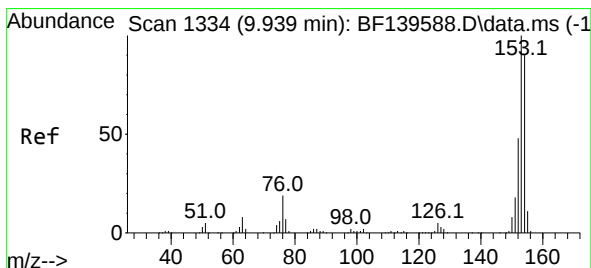
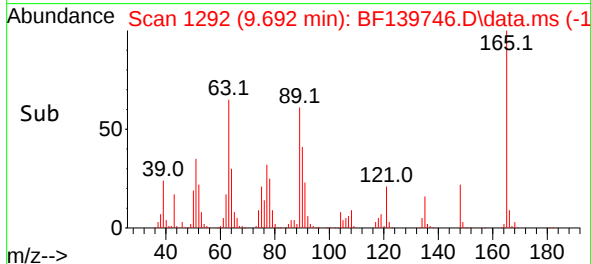
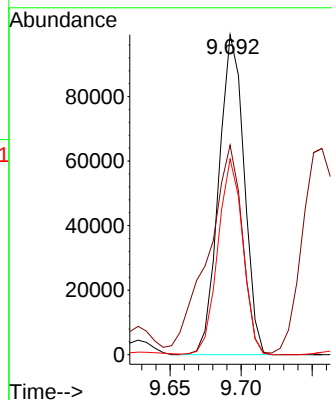
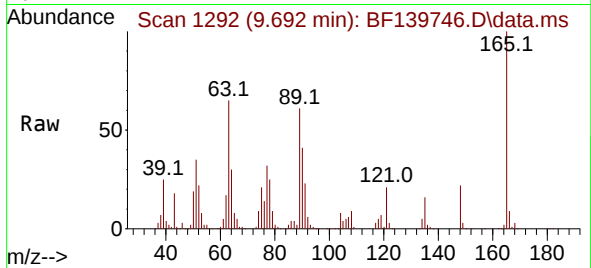




#51  
2,6-Dinitrotoluene  
Concen: 49.102 ng  
RT: 9.692 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

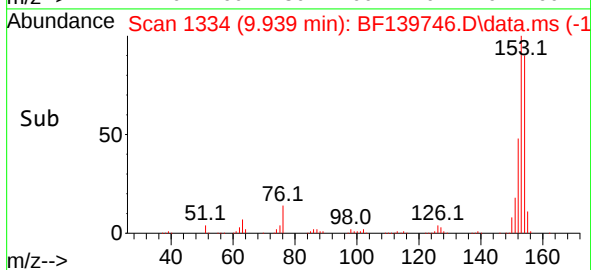
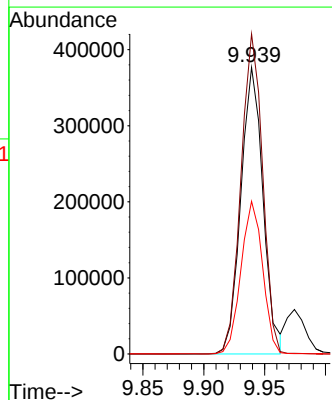
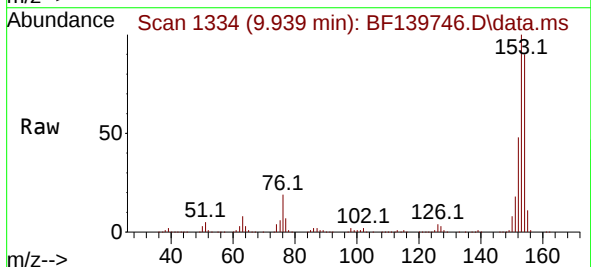
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

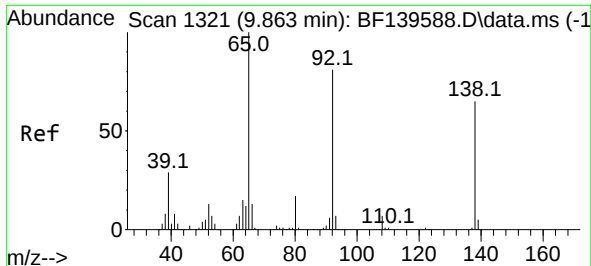
Tgt Ion:165 Resp: 122642  
Ion Ratio Lower Upper  
165 100  
63 65.5 56.7 85.1  
89 61.1 51.6 77.4



#52  
Acenaphthene  
Concen: 48.603 ng  
RT: 9.939 min Scan# 1334  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:154 Resp: 477887  
Ion Ratio Lower Upper  
154 100  
153 111.7 88.8 133.2  
152 53.3 42.5 63.7

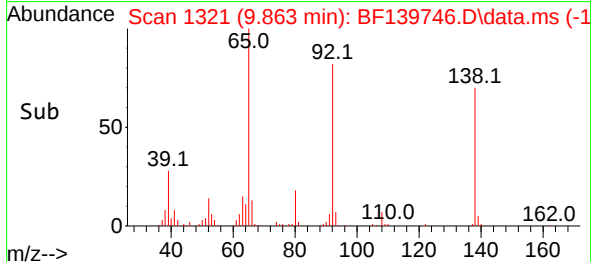
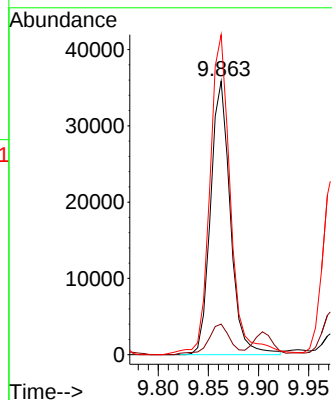
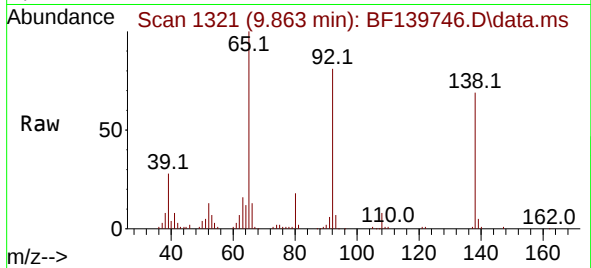




#53  
3-Nitroaniline  
Concen: 19.287 ng  
RT: 9.863 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

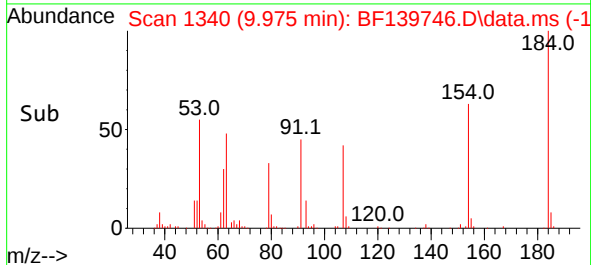
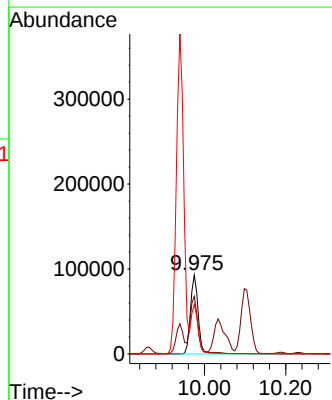
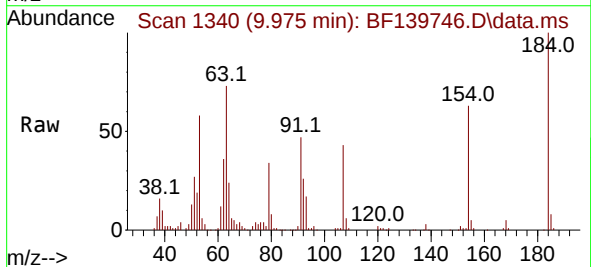
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

Tgt Ion:138 Resp: 49228  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.8 13.2  
92 117.0 100.0 150.0



#54  
2,4-Dinitrophenol  
Concen: 93.291 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. 0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:184 Resp: 125328  
Ion Ratio Lower Upper  
184 100  
63 73.0 61.7 92.5  
154 62.8 53.0 79.4

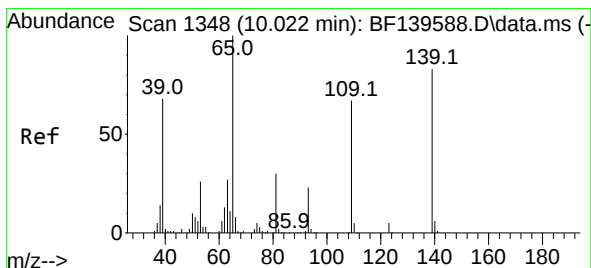
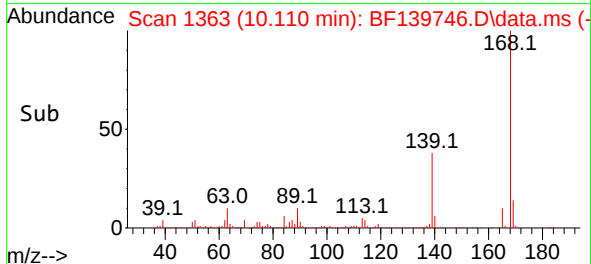
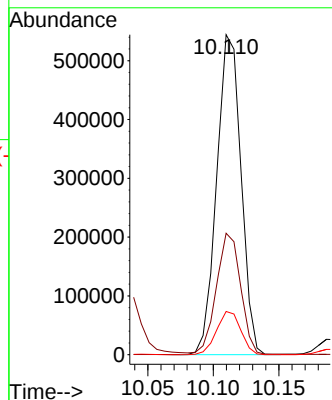
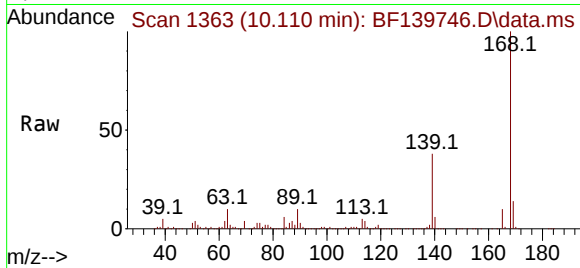




#55  
Dibenzofuran  
Concen: 50.957 ng  
RT: 10.110 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

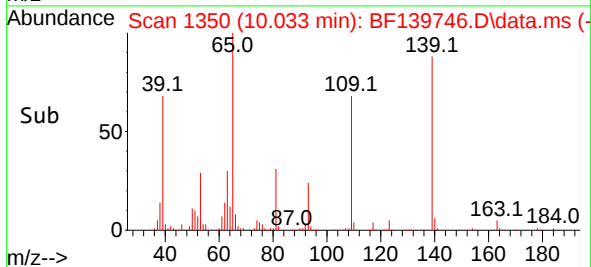
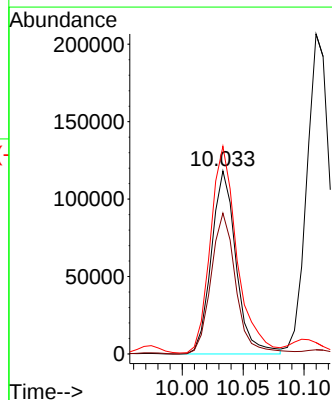
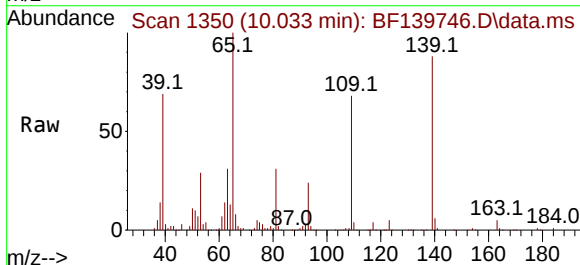
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

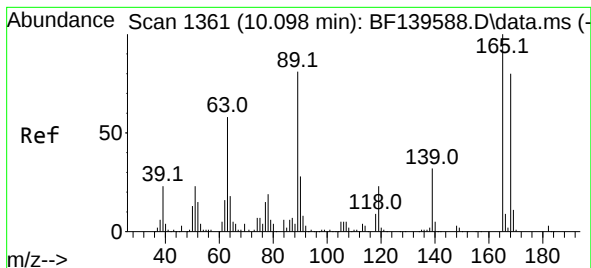
Tgt Ion:168 Resp: 701517  
Ion Ratio Lower Upper  
168 100  
139 38.0 30.4 45.6  
169 13.5 10.7 16.1



#56  
4-Nitrophenol  
Concen: 85.726 ng  
RT: 10.033 min Scan# 1350  
Delta R.T. 0.012 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:139 Resp: 166861  
Ion Ratio Lower Upper  
139 100  
109 77.0 60.3 100.3  
65 113.5 100.8 140.8

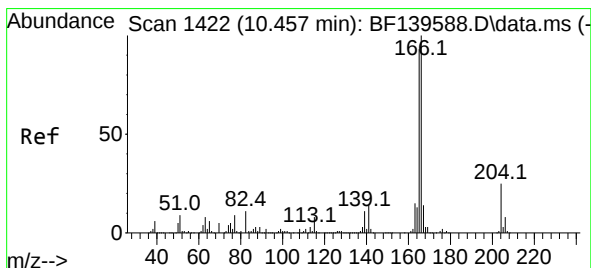
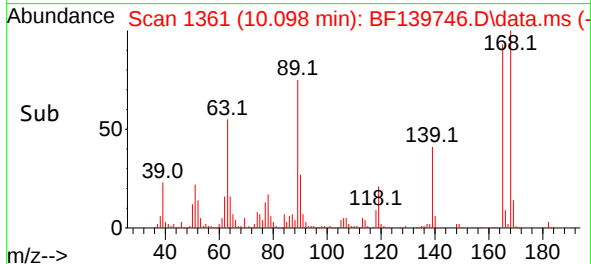
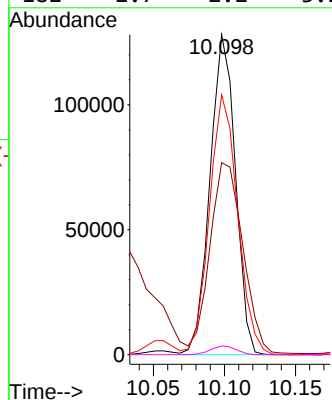
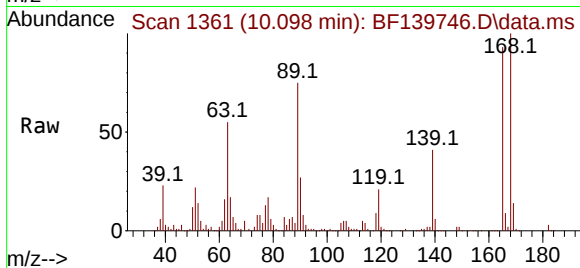




#57  
2,4-Dinitrotoluene  
Concen: 48.862 ng  
RT: 10.098 min Scan# 1361  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

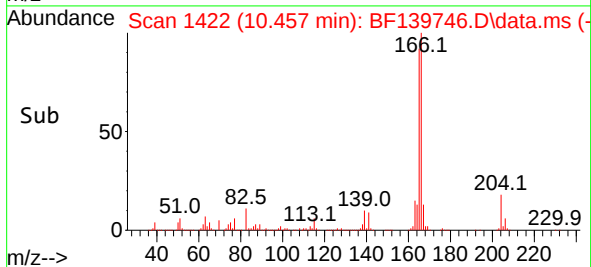
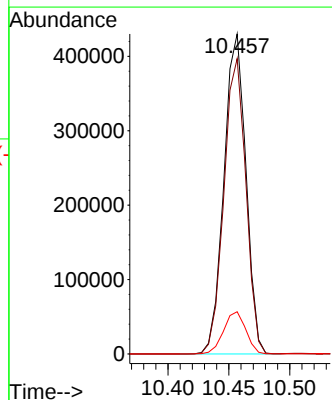
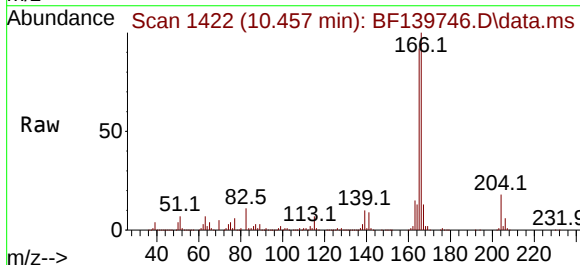
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

Tgt Ion:165 Resp: 159523  
Ion Ratio Lower Upper  
165 100  
63 60.0 46.9 70.3  
89 81.2 64.4 96.6  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 49.251 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:166 Resp: 540032  
Ion Ratio Lower Upper  
166 100  
165 92.3 74.4 111.6  
167 13.2 10.9 16.3

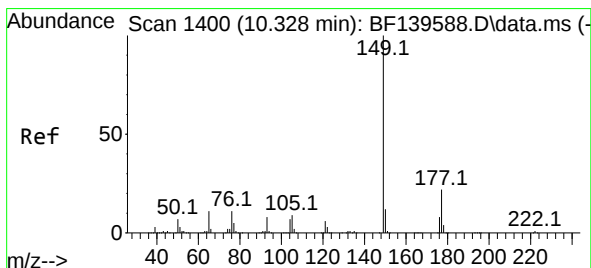
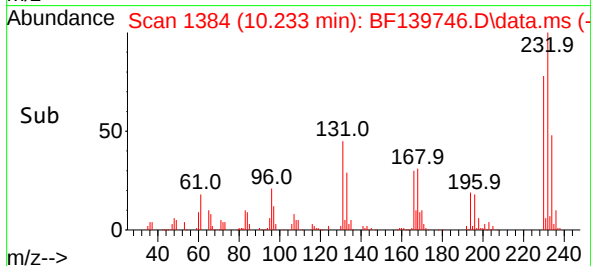
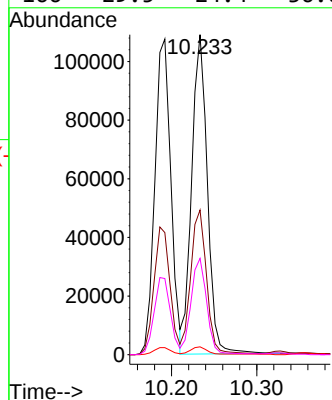
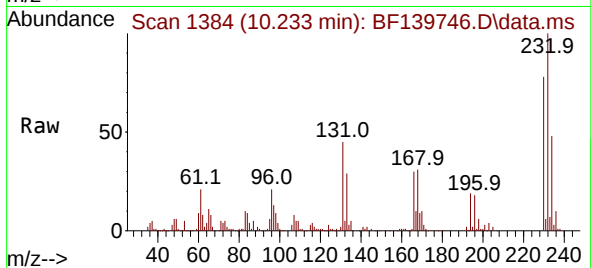




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.528 ng  
RT: 10.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

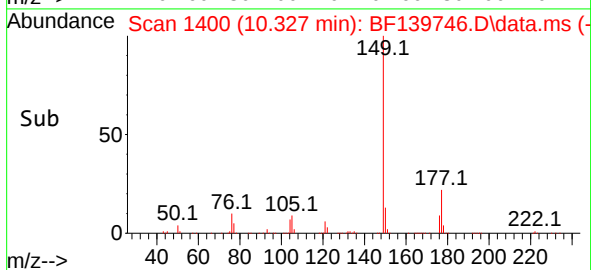
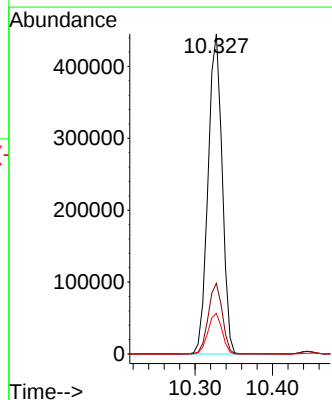
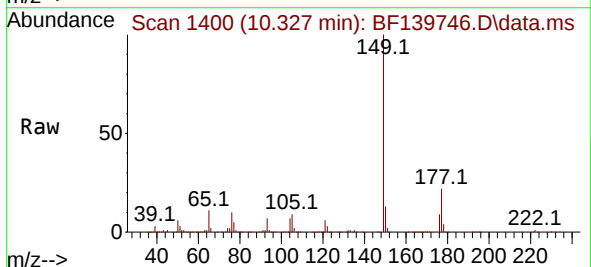
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

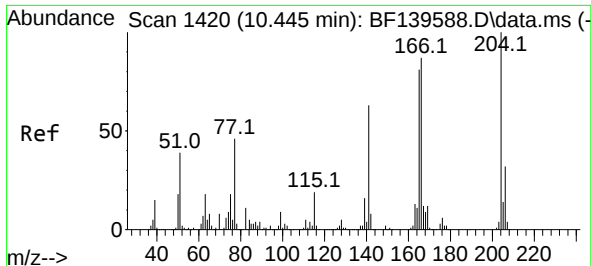
Tgt Ion:232 Resp: 139157  
Ion Ratio Lower Upper  
232 100  
131 45.3 37.8 56.6  
130 2.3 1.9 2.9  
166 29.5 24.4 36.6



#60  
Diethylphthalate  
Concen: 49.111 ng  
RT: 10.327 min Scan# 1400  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:149 Resp: 560873  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.4 26.0  
150 12.7 10.0 15.0

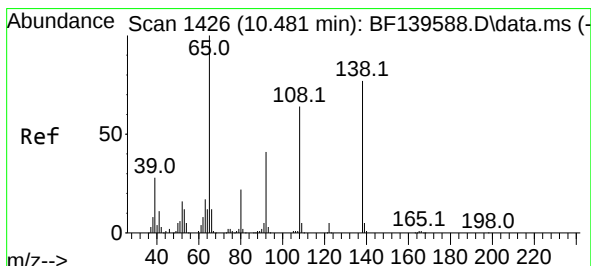
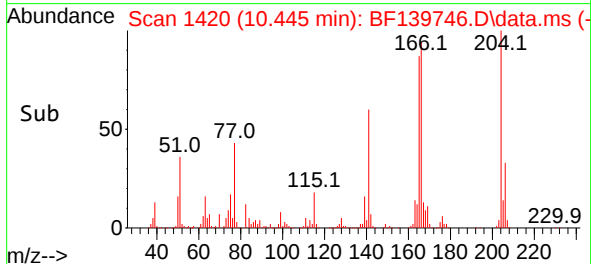
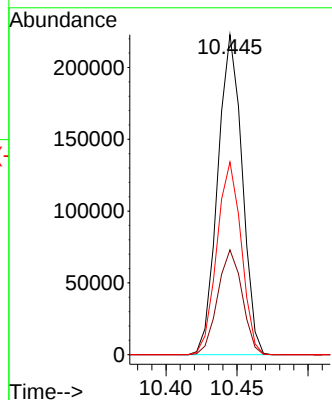
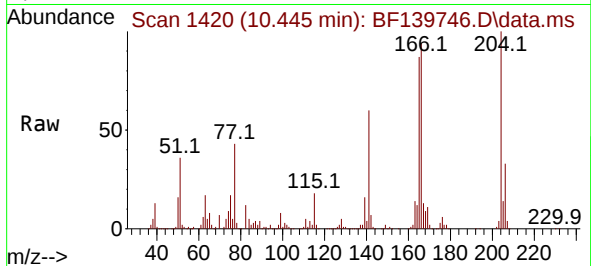




#61  
4-Chlorophenyl-phenylether  
Concen: 48.515 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

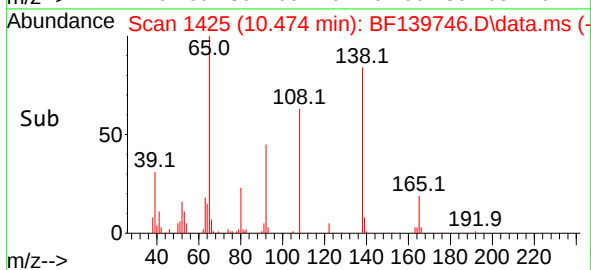
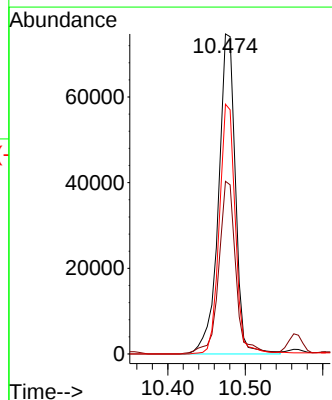
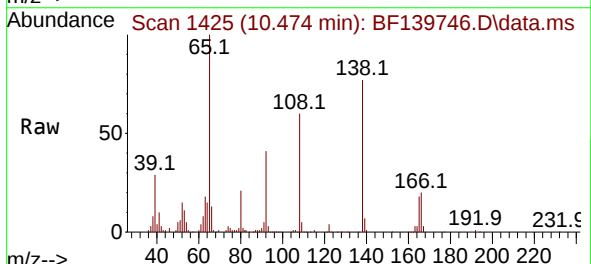
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

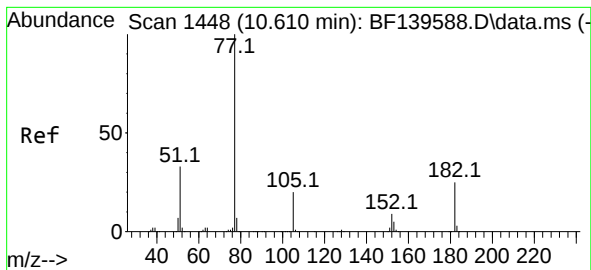
Tgt Ion:204 Resp: 266136  
Ion Ratio Lower Upper  
204 100  
206 32.7 25.9 38.9  
141 60.2 50.5 75.7



#62  
4-Nitroaniline  
Concen: 43.474 ng  
RT: 10.474 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:138 Resp: 113502  
Ion Ratio Lower Upper  
138 100  
92 54.0 33.3 73.3  
108 78.1 62.1 102.1





#63

Azobenzene

Concen: 49.556 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

Tgt Ion: 77 Resp: 569151

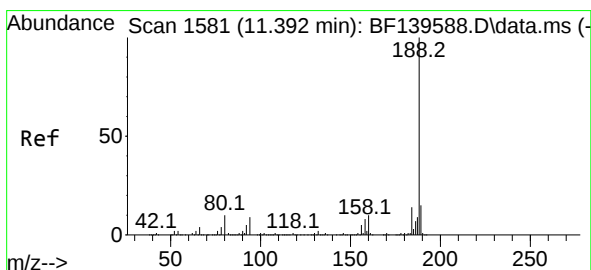
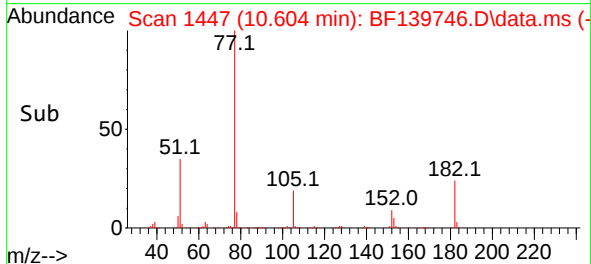
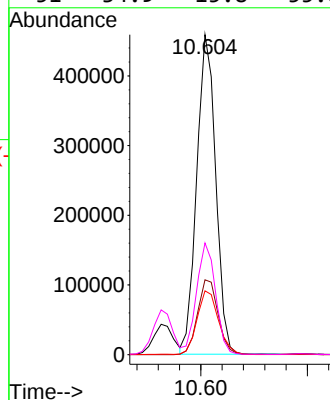
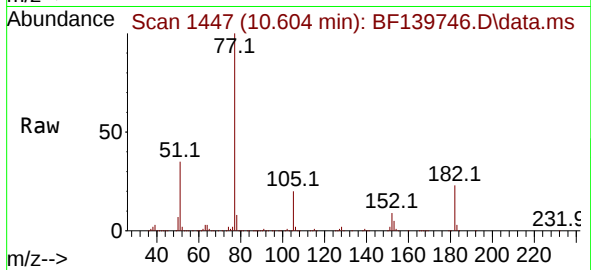
Ion Ratio Lower Upper

77 100

182 23.4 4.2 44.2

105 20.0 0.0 39.6

51 34.9 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

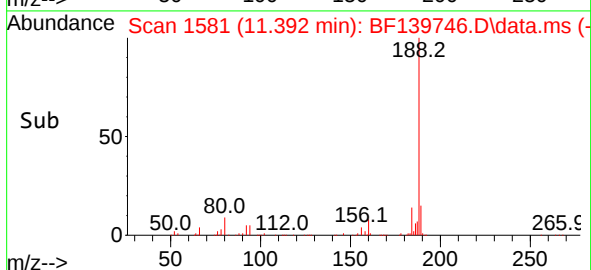
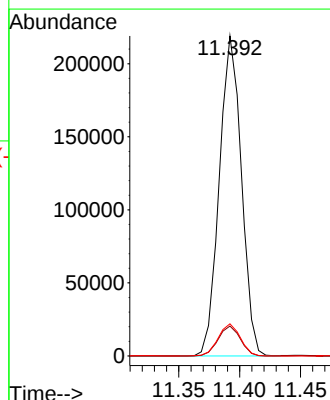
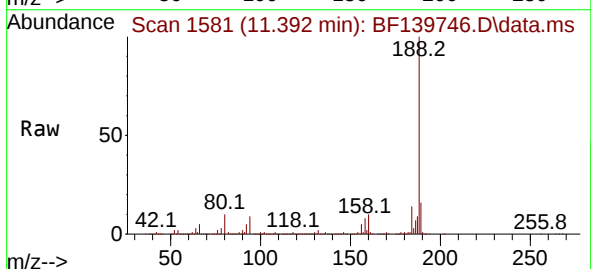
Tgt Ion: 188 Resp: 277070

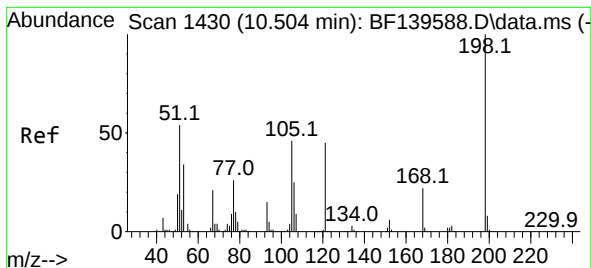
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.0 8.2 12.2

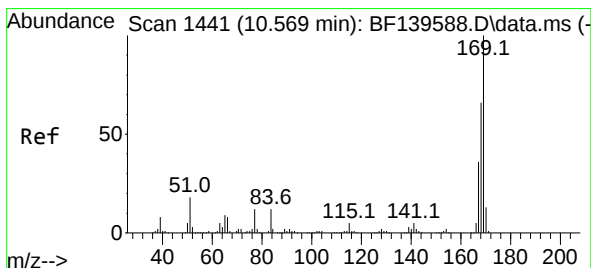
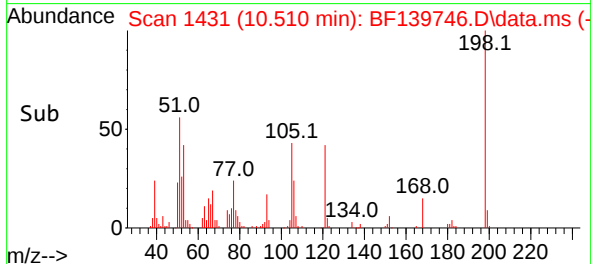
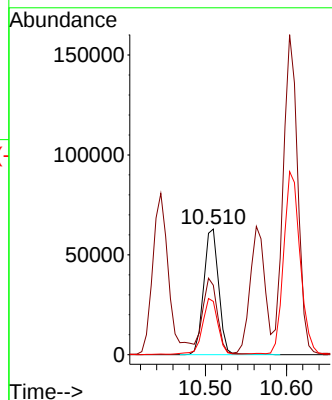
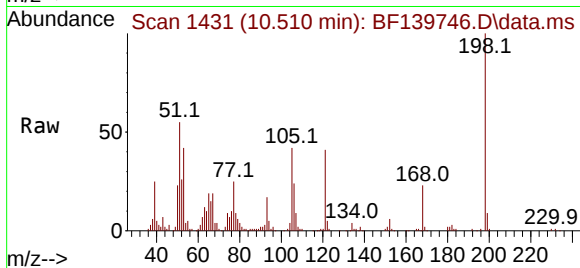




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.417 ng  
RT: 10.510 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

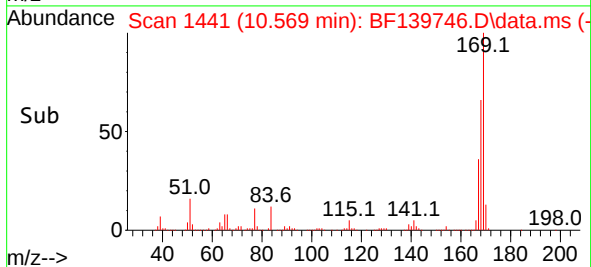
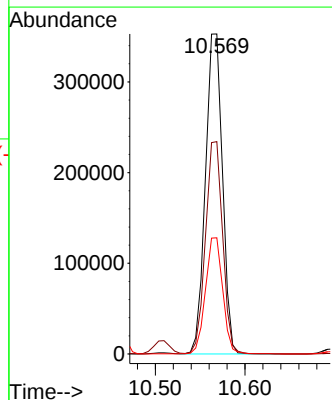
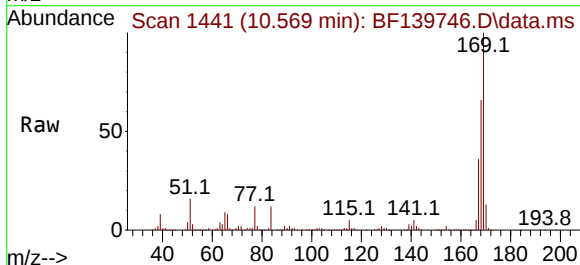
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

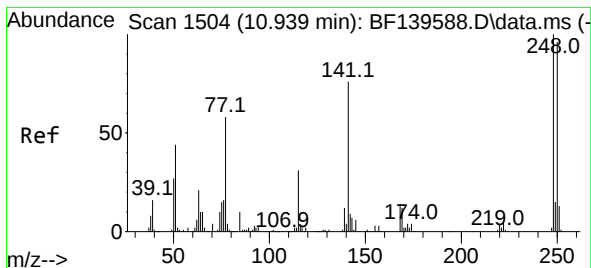
Tgt Ion:198 Resp: 80459  
Ion Ratio Lower Upper  
198 100  
51 55.3 43.0 83.0  
105 42.4 26.6 66.6



#66  
n-Nitrosodiphenylamine  
Concen: 56.982 ng  
RT: 10.569 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:169 Resp: 465376  
Ion Ratio Lower Upper  
169 100  
168 66.4 53.2 79.8  
167 36.3 28.6 43.0

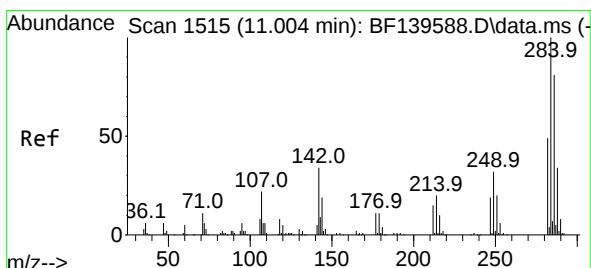
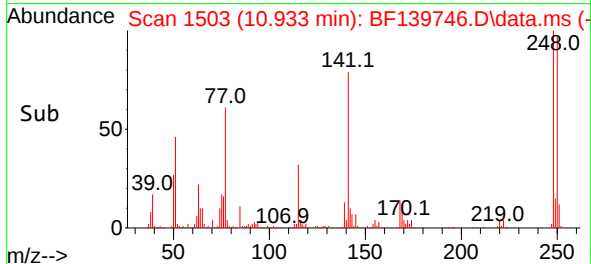
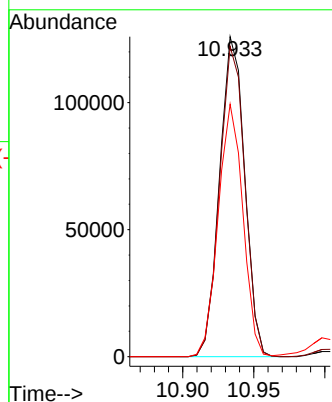
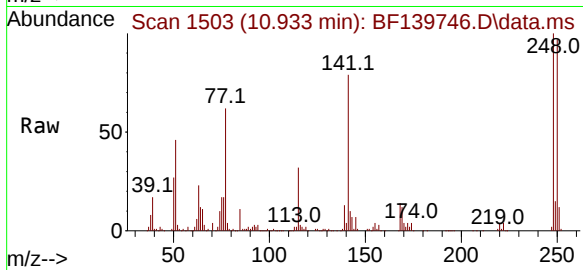




#67  
4-Bromophenyl-phenylether  
Concen: 54.633 ng  
RT: 10.933 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

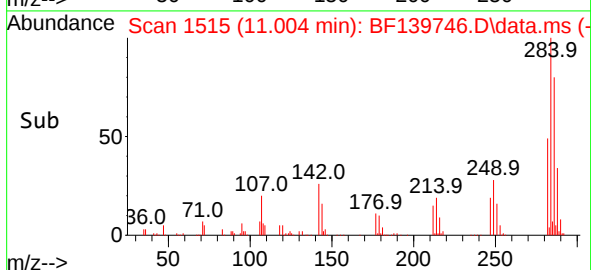
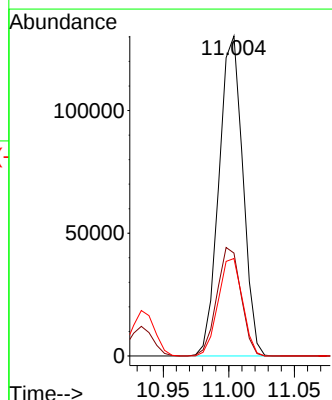
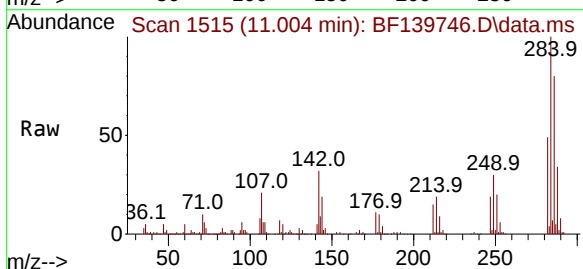
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

Tgt Ion:248 Resp: 155202  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.1 115.7  
141 78.9 60.4 90.6



#68  
Hexachlorobenzene  
Concen: 52.365 ng  
RT: 11.004 min Scan# 1515  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:284 Resp: 165071  
Ion Ratio Lower Upper  
284 100  
142 32.1 26.9 40.3  
249 30.4 25.4 38.0





#69

Atrazine

Concen: 59.538 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

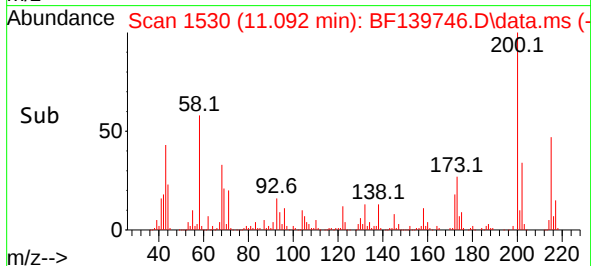
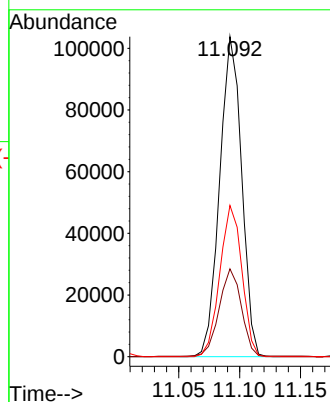
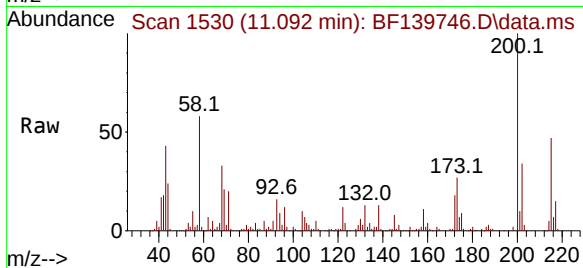
Tgt Ion:200 Resp: 130461

Ion Ratio Lower Upper

200 100

173 27.4 6.7 46.7

215 47.3 27.5 67.5



#70

Pentachlorophenol

Concen: 95.307 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

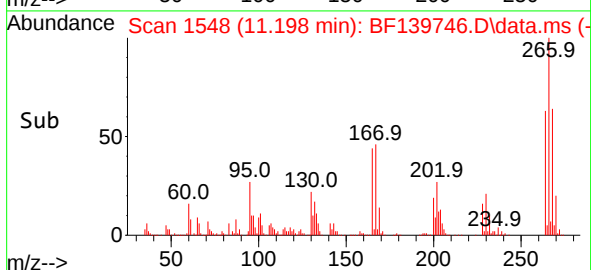
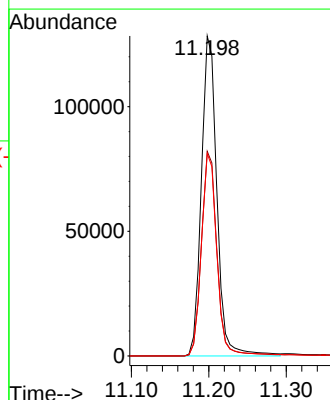
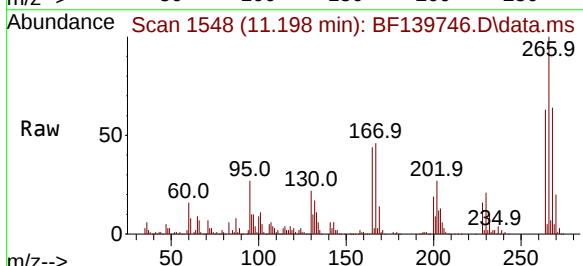
Tgt Ion:266 Resp: 178894

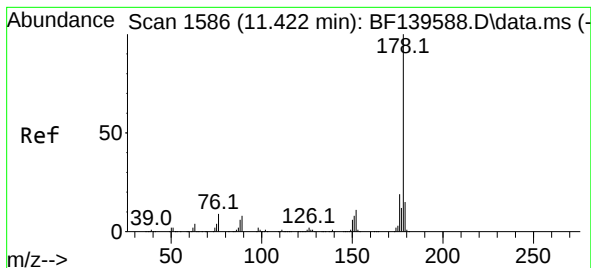
Ion Ratio Lower Upper

266 100

268 63.9 50.0 75.0

264 63.3 49.3 73.9





#71

Phenanthrene

Concen: 53.273 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

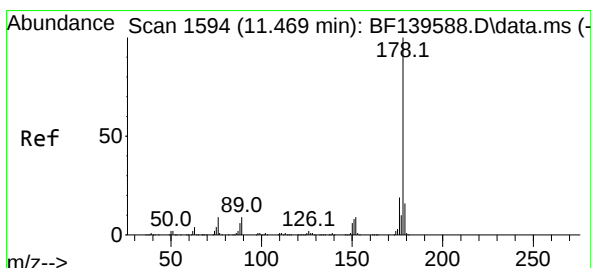
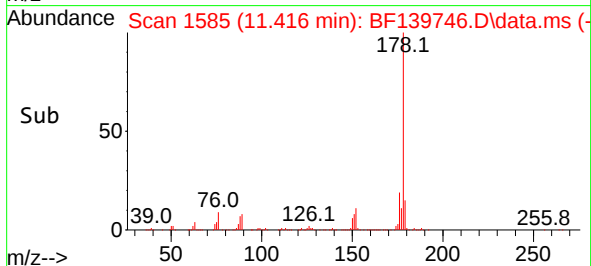
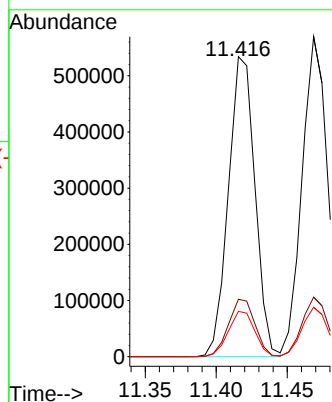
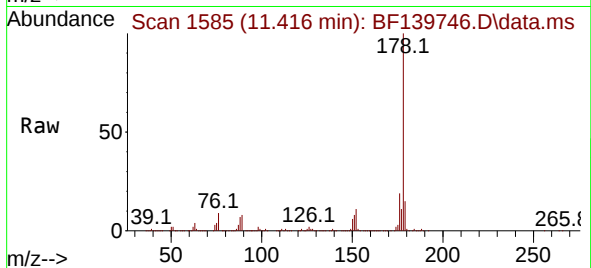
Tgt Ion:178 Resp: 695958

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.1 12.3 18.5



#72

Anthracene

Concen: 54.638 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

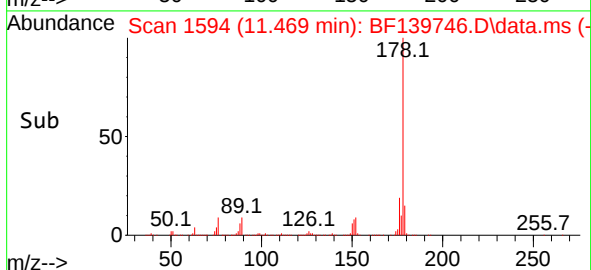
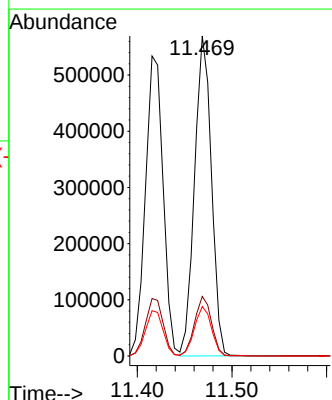
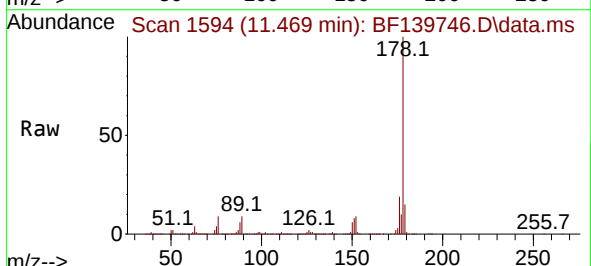
Tgt Ion:178 Resp: 706156

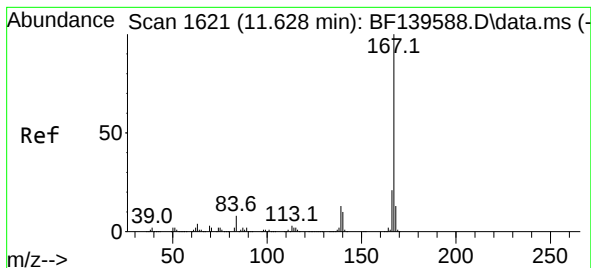
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.5 12.5 18.7





#73

Carbazole

Concen: 49.434 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

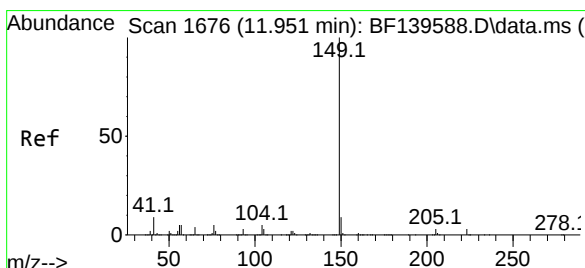
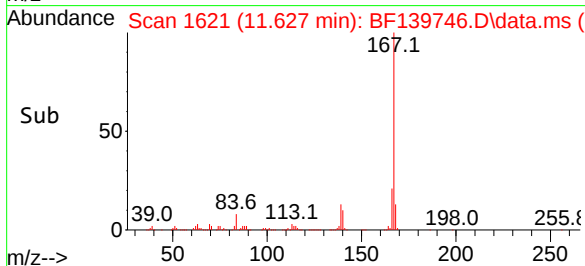
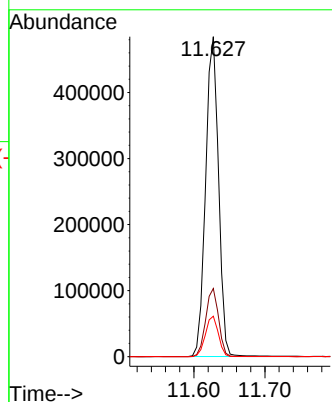
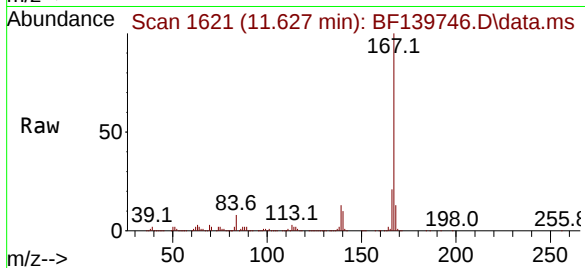
Tgt Ion:167 Resp: 613633

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.6 10.3 15.5



#74

Di-n-butylphthalate

Concen: 52.369 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

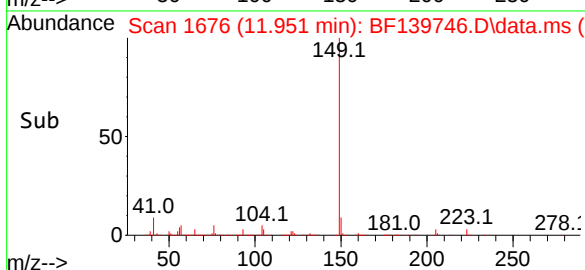
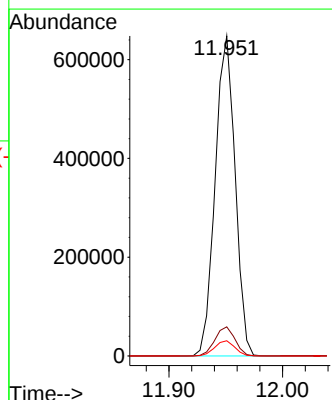
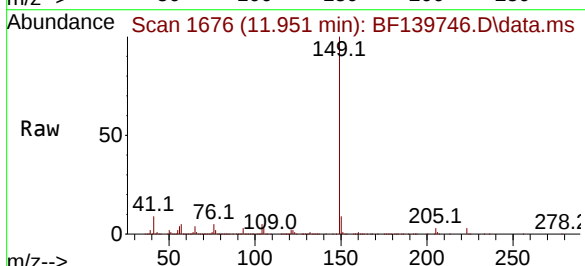
Tgt Ion:149 Resp: 790503

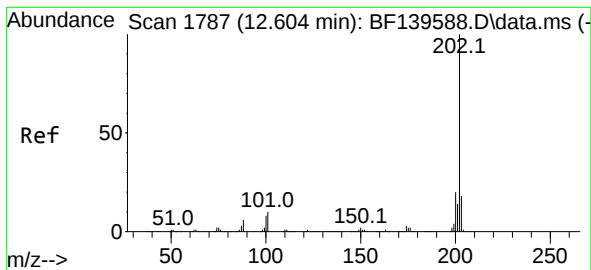
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.7 4.1 6.1





#75

Fluoranthene

Concen: 45.618 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

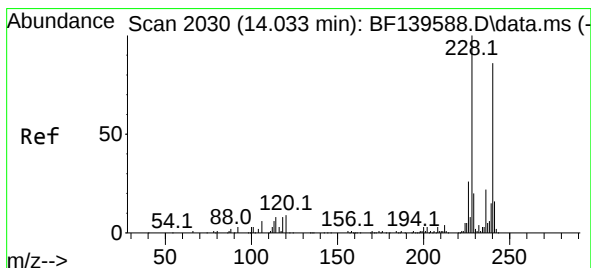
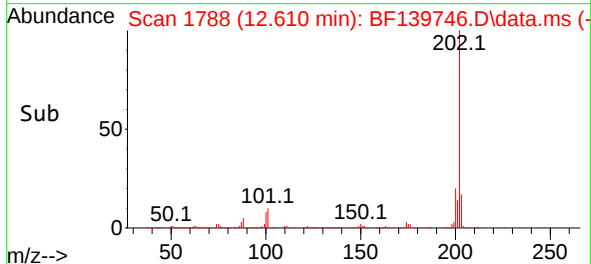
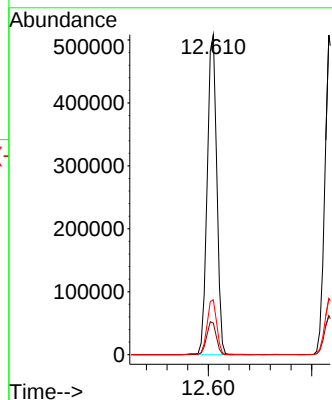
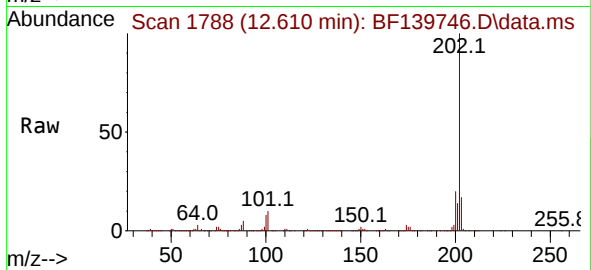
Tgt Ion:202 Resp: 651465

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

203 17.2 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

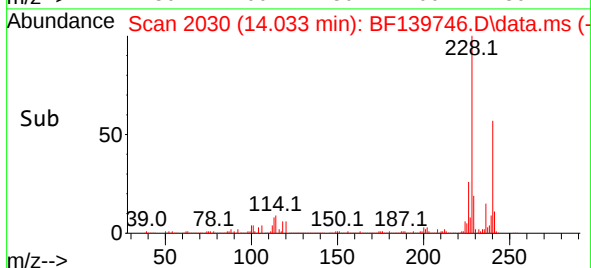
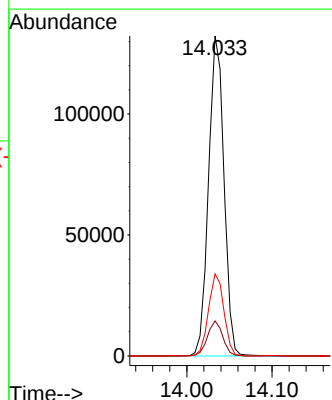
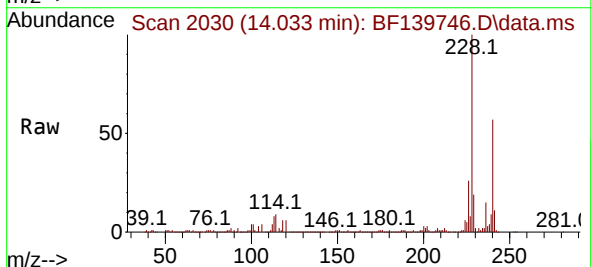
Tgt Ion:240 Resp: 166363

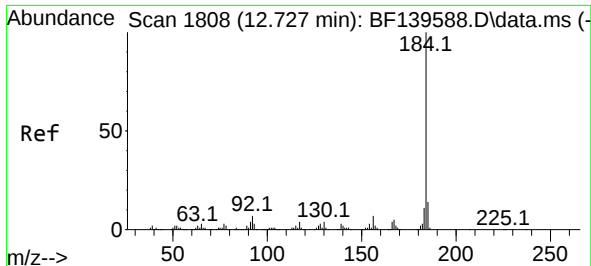
Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 25.6 20.3 30.5

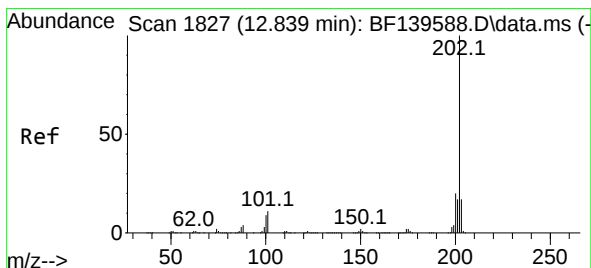
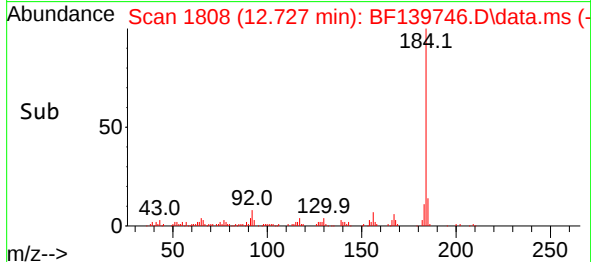
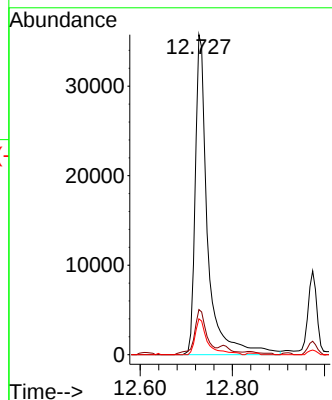
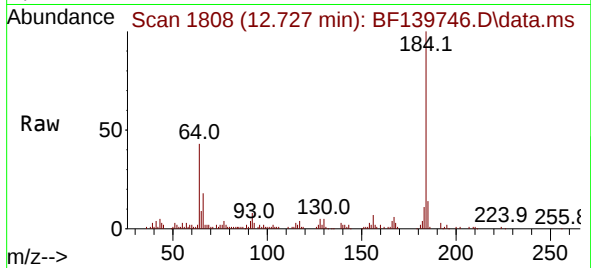




#77  
Benzidine  
Concen: 22.790 ng  
RT: 12.727 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

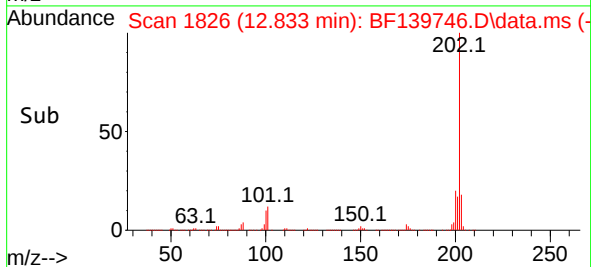
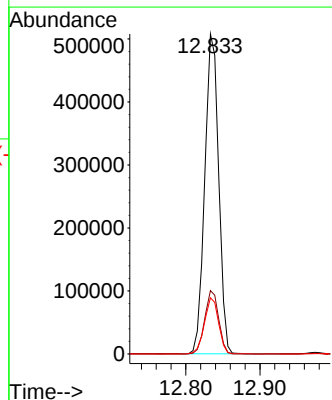
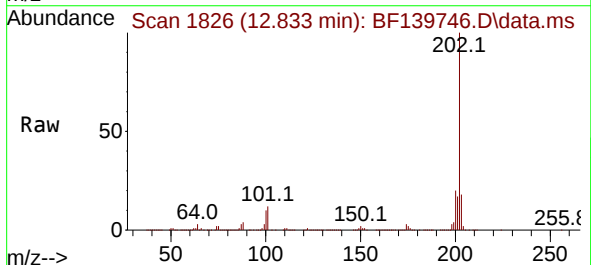
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

Tgt Ion:184 Resp: 66876  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.4 17.0  
183 11.2 8.8 13.2



#78  
Pyrene  
Concen: 44.437 ng  
RT: 12.833 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:202 Resp: 661195  
Ion Ratio Lower Upper  
202 100  
200 19.8 15.8 23.6  
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 82.681 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

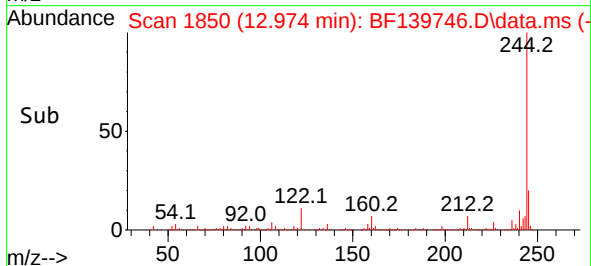
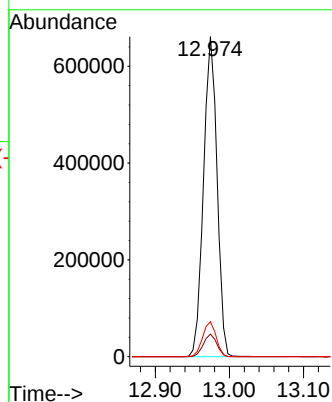
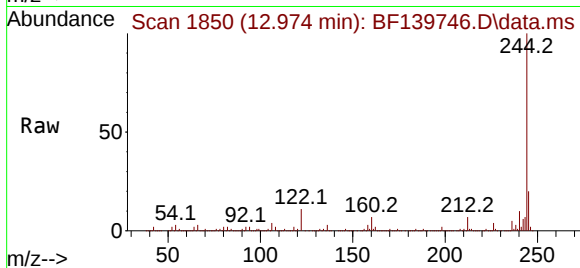
Tgt Ion:244 Resp: 838296

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 11.0 8.6 12.8



#80

Butylbenzylphthalate

Concen: 48.662 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

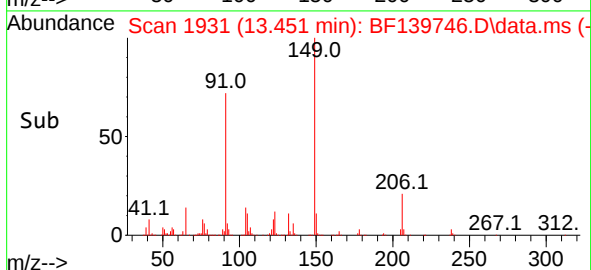
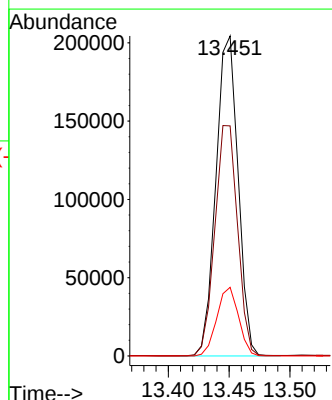
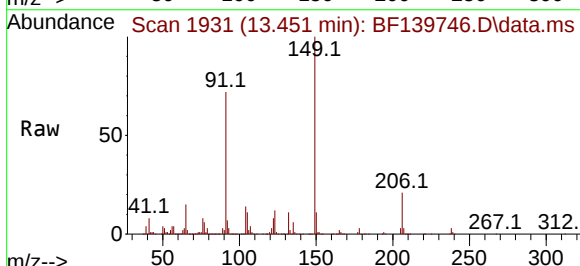
Tgt Ion:149 Resp: 258987

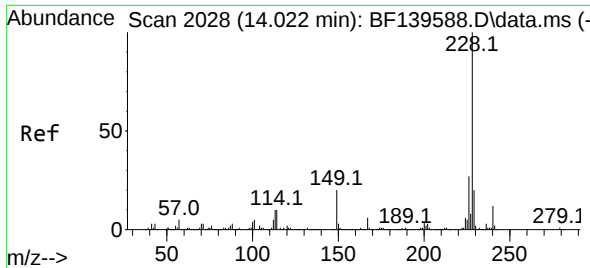
Ion Ratio Lower Upper

149 100

91 71.9 61.0 91.4

206 21.5 16.6 24.8

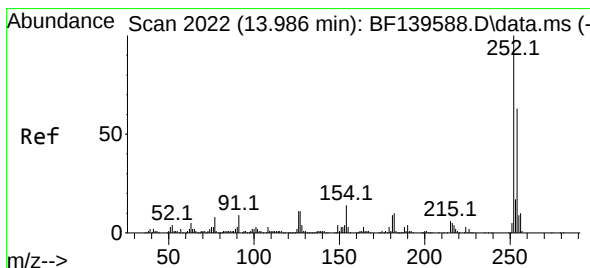
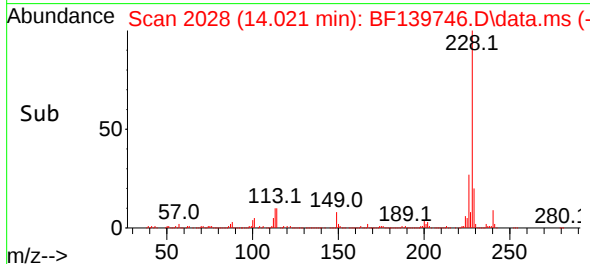
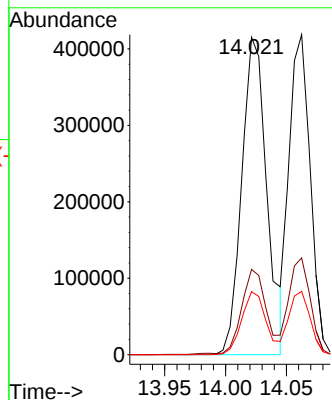
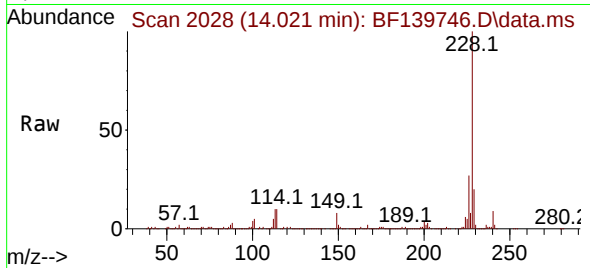




#81  
Benzo(a)anthracene  
Concen: 54.448 ng  
RT: 14.021 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

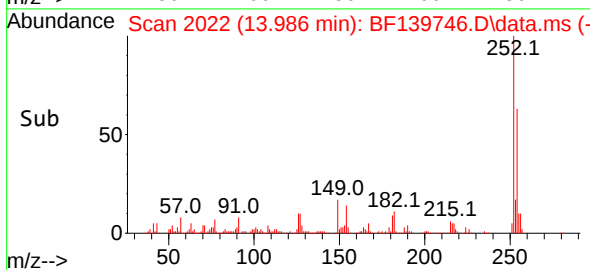
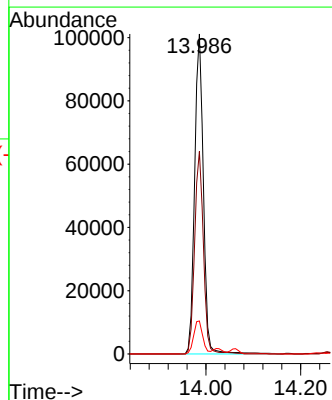
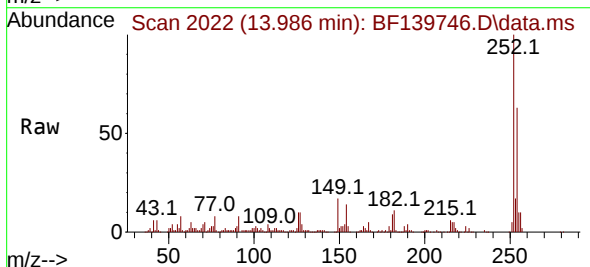
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

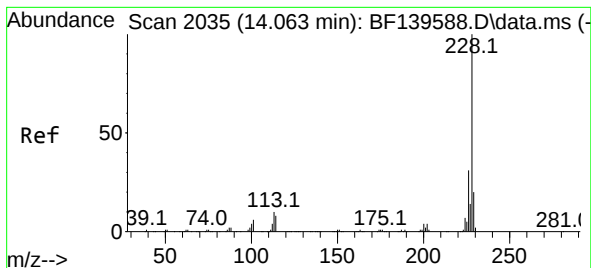
Tgt Ion:228 Resp: 595541  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.8 32.8  
229 19.9 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 38.894 ng  
RT: 13.986 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:252 Resp: 130196  
Ion Ratio Lower Upper  
252 100  
254 63.3 50.5 75.7  
126 10.3 8.8 13.2





#83

Chrysene

Concen: 50.634 ng

RT: 14.062 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

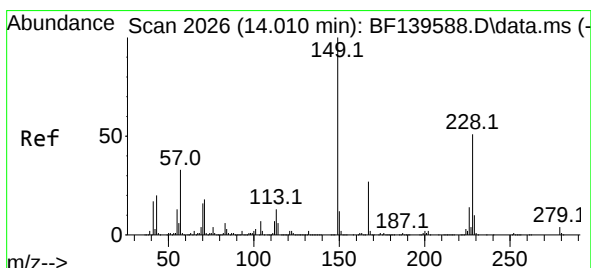
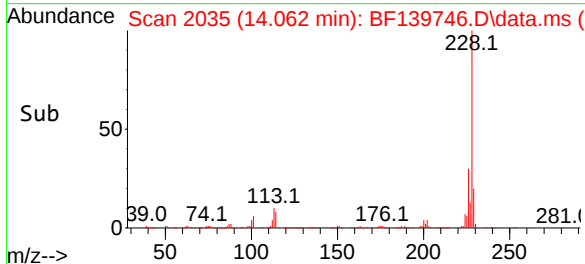
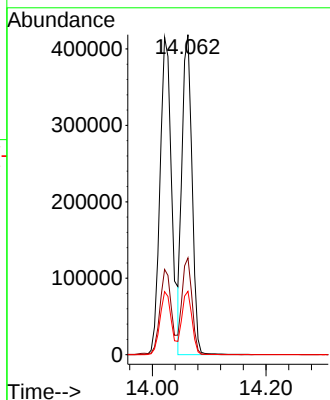
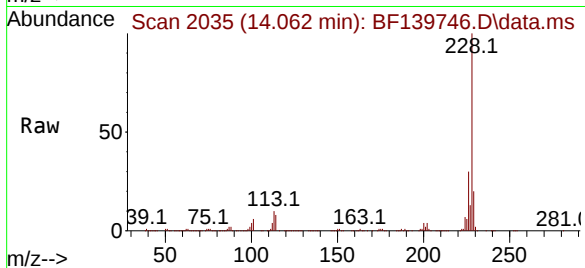
Tgt Ion:228 Resp: 506334

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.410 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

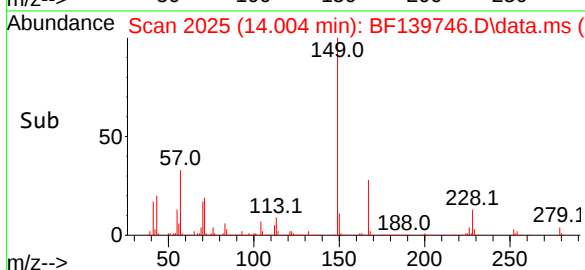
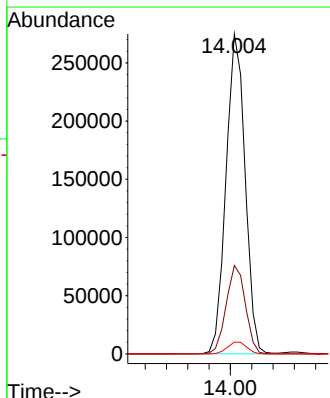
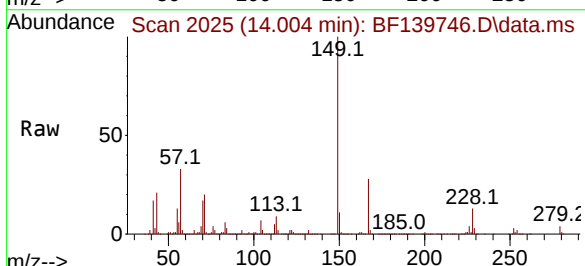
Tgt Ion:149 Resp: 341665

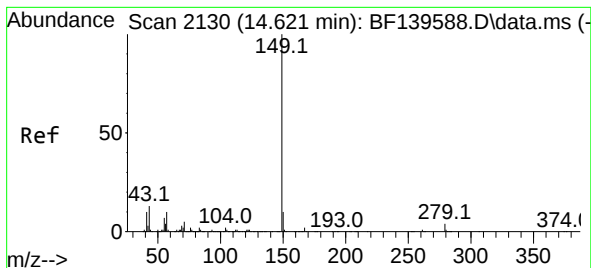
Ion Ratio Lower Upper

149 100

167 27.6 21.7 32.5

279 3.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 60.850 ng

RT: 14.615 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

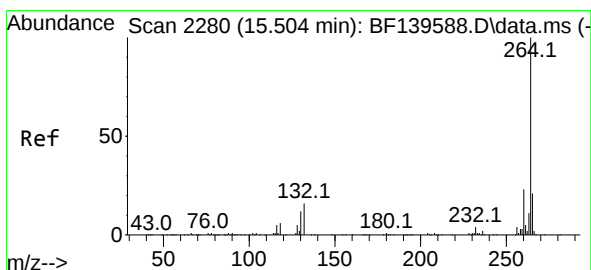
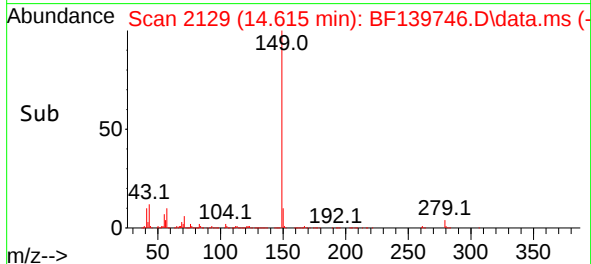
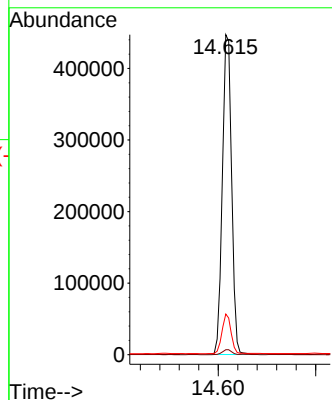
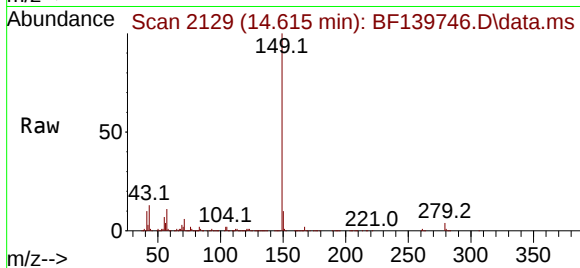
Tgt Ion:149 Resp: 594112

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.2 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

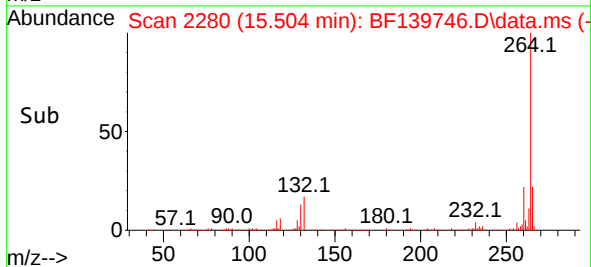
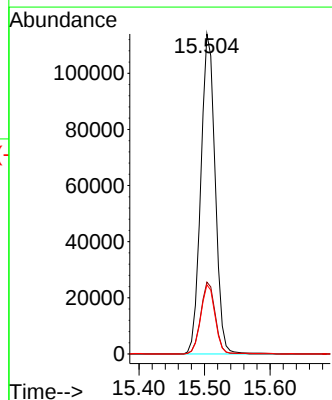
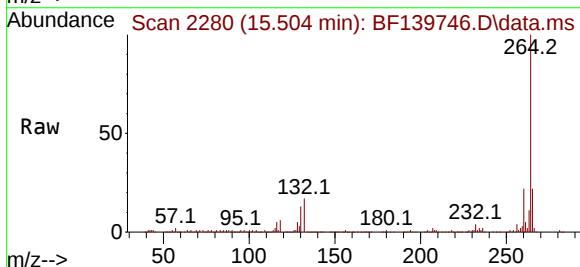
Tgt Ion:264 Resp: 173917

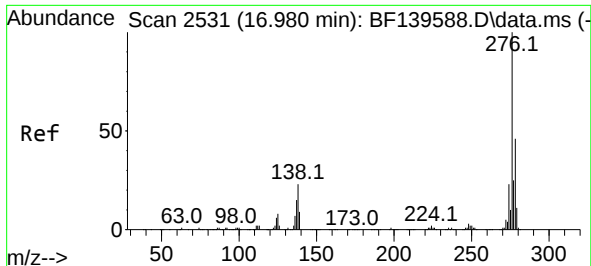
Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

265 21.6 16.9 25.3

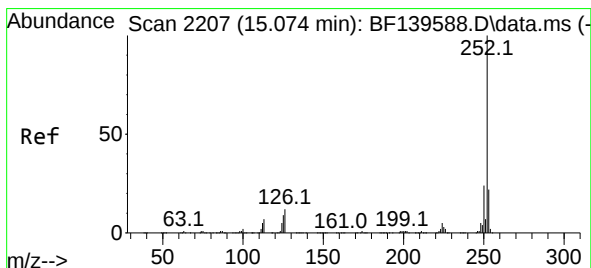
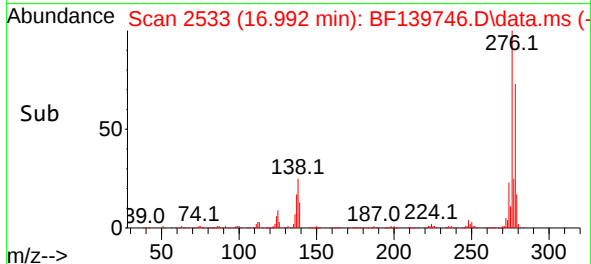
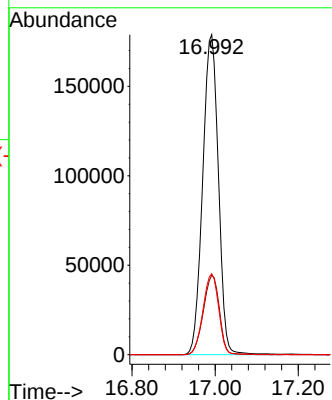
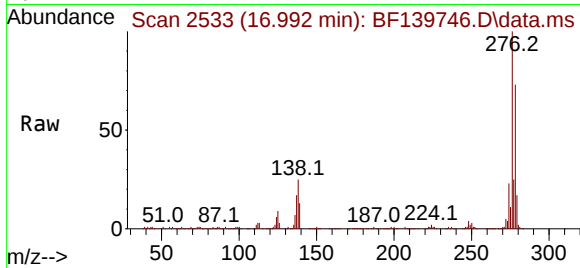




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.896 ng  
RT: 16.992 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

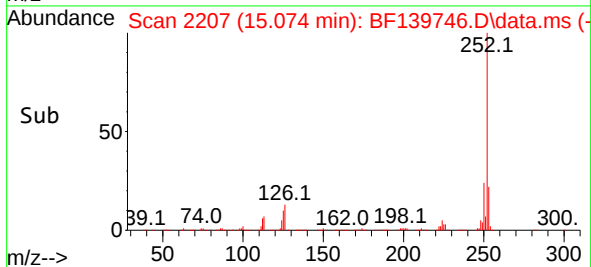
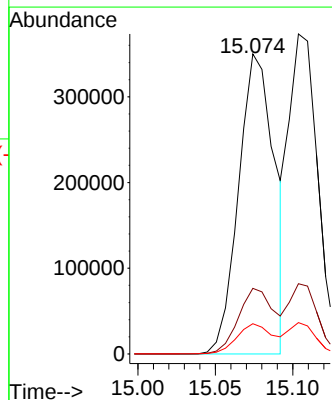
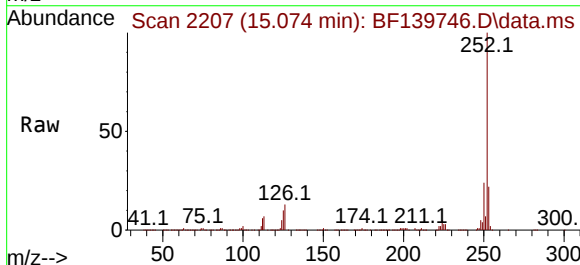
Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

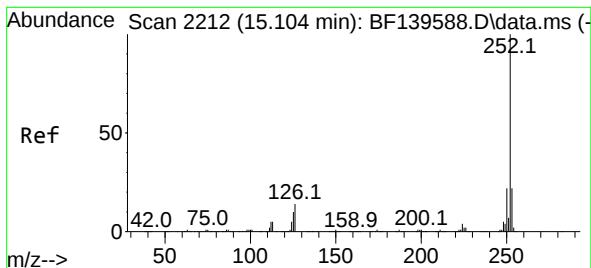
Tgt Ion:276 Resp: 469813  
Ion Ratio Lower Upper  
276 100  
138 25.3 19.4 29.0  
277 25.3 20.2 30.2



#88  
Benzo(b)fluoranthene  
Concen: 50.249 ng  
RT: 15.074 min Scan# 2207  
Delta R.T. -0.000 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:252 Resp: 565065  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 10.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 50.772 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA\_F

ClientSampleId :

1B-7MSD

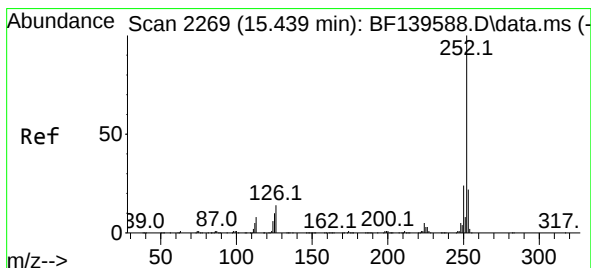
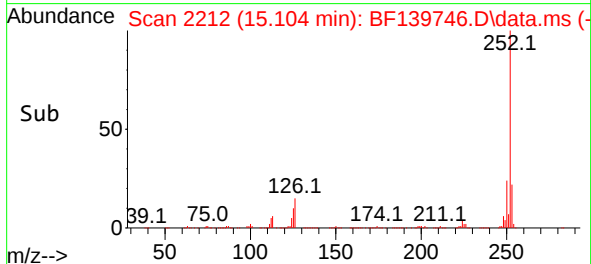
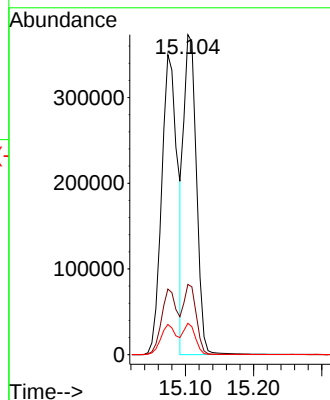
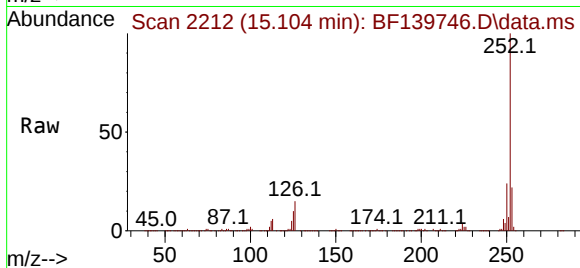
Tgt Ion:252 Resp: 484309

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.8 7.6 11.4



#90

Benzo(a)pyrene

Concen: 55.492 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

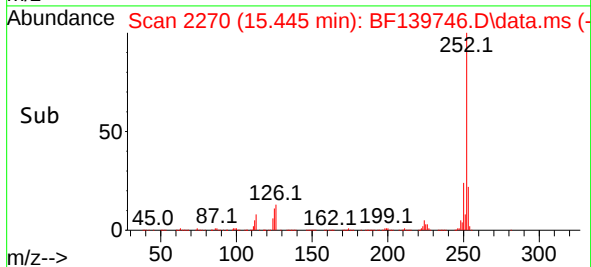
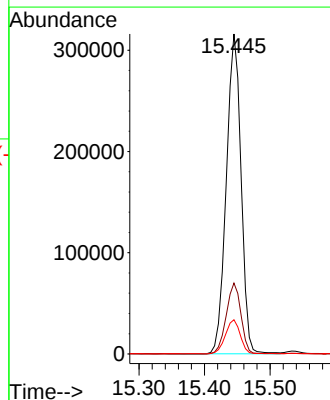
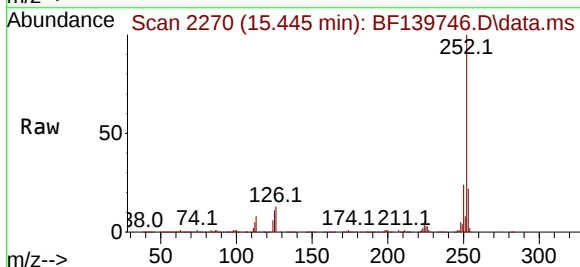
Tgt Ion:252 Resp: 492039

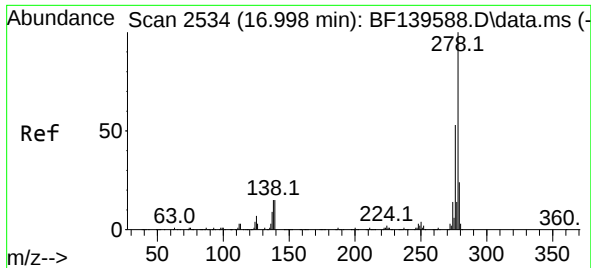
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.7 8.3 12.5

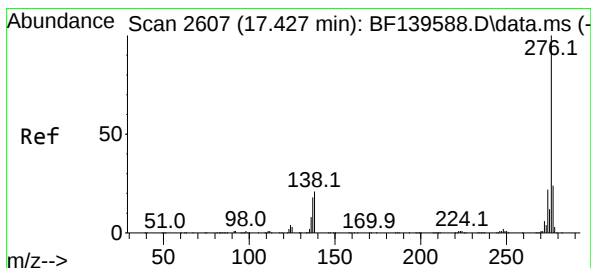
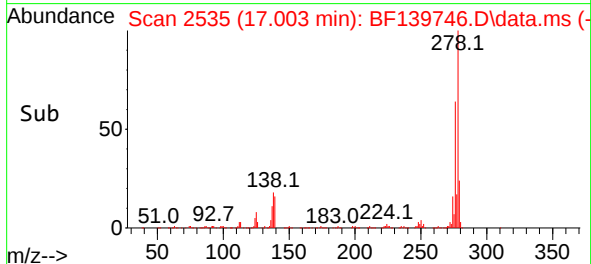
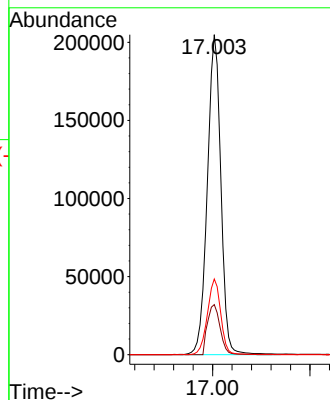
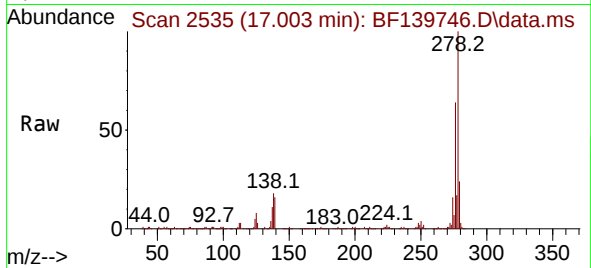




#91  
Dibenzo(a,h)anthracene  
Concen: 46.415 ng  
RT: 17.003 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Instrument :  
BNA\_F  
ClientSampleId :  
1B-7MSD

Tgt Ion:278 Resp: 394074  
Ion Ratio Lower Upper  
278 100  
139 15.7 12.2 18.4  
279 23.7 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 39.344 ng  
RT: 17.433 min Scan# 2608  
Delta R.T. 0.006 min  
Lab File: BF139746.D  
Acq: 10 Oct 2024 15:05

Tgt Ion:276 Resp: 335003  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.0 28.6  
138 22.0 17.0 25.6

