

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042624\  
 Data File : BF137733.D  
 Acq On : 26 Apr 2024 13:54  
 Operator : CG\JU  
 Sample : SP  
 Misc : 8270 SPIKE  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP6478

Quant Time: Apr 26 14:28:39 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 03:57:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.063  | 152  | 218086   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.345  | 136  | 871765   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.110 | 164  | 491185   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.604 | 188  | 853405   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.257 | 240  | 565305   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.827 | 264  | 452650   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 174      | 0.012   | ng    | -0.26    |
| 7) Phenol-d6                  | 6.845  | 99   | 47880    | 2.626   | ng    | 0.17     |
| 23) Nitrobenzene-d5           | 7.575  | 82   | 82147    | 5.002   | ng    | -0.05    |
| 42) 2,4,6-Tribromophenol      | 10.892 | 330  | 233      | 0.047   | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.457  | 172  | 67       | 0.002   | ng    | 0.03     |
| 79) Terphenyl-d14             | 0.000  | 244  | 0        | 0.000   | ng    |          |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.099  | 88   | 365388   | 56.837  | ng    | 98       |
| 3) Pyridine                   | 3.822  | 79   | 879812   | 51.375  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.799  | 42   | 450508   | 56.367  | ng    | 96       |
| 6) Aniline                    | 6.722  | 93   | 881225   | 38.834  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.845  | 128  | 918633   | 61.296  | ng    | 99       |
| 9) Benzaldehyde               | 6.616  | 77   | 686782   | 67.124  | ng    | 98       |
| 10) Phenol                    | 6.681  | 94   | 1124180  | 61.722  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.792  | 93   | 861133   | 57.965  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.004  | 146  | 978085   | 62.233  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.081  | 146  | 979384   | 61.896  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.234  | 146  | 944107   | 64.100  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.198  | 79   | 778760   | 57.100  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.322  | 45   | 1288387  | 56.392  | ng    | 99       |
| 17) 2-Methylphenol            | 7.298  | 107  | 731817   | 54.961  | ng    | 99       |
| 18) Hexachloroethane          | 7.575  | 117  | 347681   | 62.085  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.463  | 70   | 634138   | 53.790  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.451  | 107  | 937920   | 54.538  | ng    | 91       |
| 22) Acetophenone              | 7.469  | 105  | 1251455  | 58.692  | ng    | 99       |
| 24) Nitrobenzene              | 7.639  | 77   | 946911   | 57.071  | ng    | 96       |
| 25) Isophorone                | 7.881  | 82   | 1766941  | 57.931  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.957  | 139  | 495608   | 68.067  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.986  | 122  | 707723   | 48.178  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 8.086  | 93   | 1071895  | 57.537  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.198  | 162  | 786595   | 61.099  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.286  | 180  | 812298   | 61.903  | ng    | 97       |
| 31) Naphthalene               | 8.369  | 128  | 2642316  | 59.397  | ng    | 100      |
| 32) Benzoic acid              | 8.098  | 122  | 620493   | 66.711  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.410  | 127  | 531469   | 28.225  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.481  | 225  | 484655   | 61.608  | ng    | 98       |
| 35) Caprolactam               | 8.786  | 113  | 153391   | 36.852  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.886  | 107  | 806435   | 59.060  | ng    | 93       |
| 37) 2-Methylnaphthalene       | 9.063  | 142  | 1737168  | 56.894  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.163  | 142  | 1621722  | 56.808  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.228  | 216  | 807897   | 59.995  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.210  | 237  | 1007815  | 133.571 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.333  | 196  | 569698   | 60.306  | ng    | 98       |

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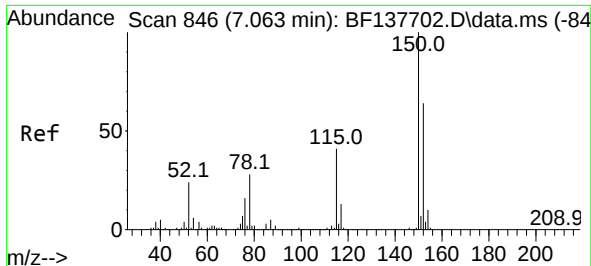
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 03:57:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.369  | 196  | 602145   | 55.618  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.528  | 154  | 2096058  | 58.659  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.551  | 162  | 1644714  | 59.710  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.645  | 65   | 507014   | 60.405  | ng    | 97       |
| 49) Acenaphthylene            | 9.975  | 152  | 2582871  | 60.129  | ng    | 100      |
| 50) Dimethylphthalate         | 9.822  | 163  | 1949583  | 56.969  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.886  | 165  | 436835   | 60.584  | ng    | 93       |
| 52) Acenaphthene              | 10.145 | 154  | 1751560  | 62.974  | ng    | 98       |
| 53) 3-Nitroaniline            | 10.057 | 138  | 312335   | 38.546  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 10.163 | 184  | 505403   | 128.297 | ng    | # 46     |
| 55) Dibenzofuran              | 10.322 | 168  | 2344015  | 57.491  | ng    | 98       |
| 56) 4-Nitrophenol             | 10.210 | 139  | 753384   | 119.557 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.292 | 165  | 600167   | 66.024  | ng    | 98       |
| 58) Fluorene                  | 10.663 | 166  | 1823867  | 57.250  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.428 | 232  | 504780   | 60.213  | ng    | 97       |
| 60) Diethylphthalate          | 10.522 | 149  | 1838340  | 55.850  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.651 | 204  | 904415   | 57.455  | ng    | 95       |
| 62) 4-Nitroaniline            | 10.680 | 138  | 461703   | 59.822  | ng    | 100      |
| 63) Azobenzene                | 10.810 | 77   | 1869510  | 55.427  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.698 | 198  | 336914   | 68.854  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.769 | 169  | 1604150  | 55.499  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 11.145 | 248  | 558636   | 56.492  | ng    | 95       |
| 68) Hexachlorobenzene         | 11.210 | 284  | 597431   | 62.014  | ng    | 95       |
| 69) Atrazine                  | 11.292 | 200  | 550806   | 68.937  | ng    | 99       |
| 70) Pentachlorophenol         | 11.404 | 266  | 783851   | 108.164 | ng    | 99       |
| 71) Phenanthrene              | 11.633 | 178  | 2548021  | 56.403  | ng    | 100      |
| 72) Anthracene                | 11.686 | 178  | 2604145  | 56.295  | ng    | 100      |
| 73) Carbazole                 | 11.833 | 167  | 2397511  | 57.189  | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.151 | 149  | 2807311  | 54.932  | ng    | 100      |
| 75) Fluoranthene              | 12.821 | 202  | 2693385  | 56.722  | ng    | 99       |
| 77) Benzidine                 | 12.939 | 184  | 1693697  | 128.275 | ng    | 100      |
| 78) Pyrene                    | 13.057 | 202  | 2717076  | 58.558  | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.663 | 149  | 1024493  | 62.262  | ng    | 92       |
| 81) Benzo(a)anthracene        | 14.245 | 228  | 2324057  | 58.943  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.204 | 252  | 477015   | 39.101  | ng    | # 97     |
| 83) Chrysene                  | 14.286 | 228  | 2157138  | 58.553  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.216 | 149  | 1420455  | 57.162  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.845 | 149  | 2071659  | 55.501  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.468 | 276  | 1667465  | 66.437  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.351 | 252  | 1803948  | 62.279  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.386 | 252  | 1775974  | 62.374  | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.762 | 252  | 1574409  | 60.591  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.492 | 278  | 1351191  | 64.874  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.968 | 276  | 1269752  | 62.694  | ng    | 99       |

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

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QLast Update : Wed Apr 24 03:57:12 2024  
Response via : Initial Calibration

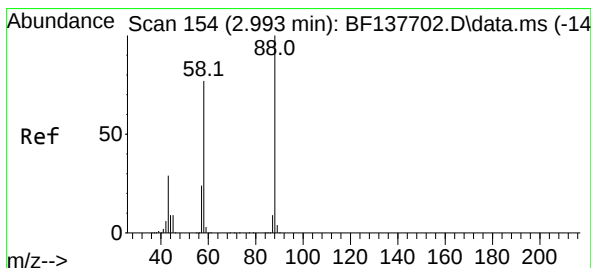
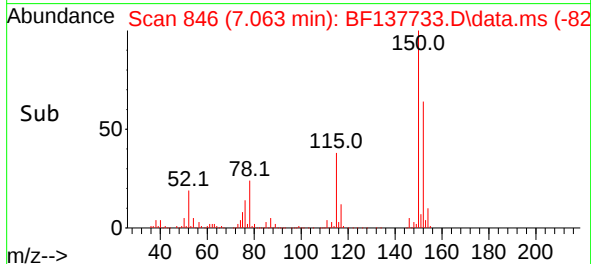
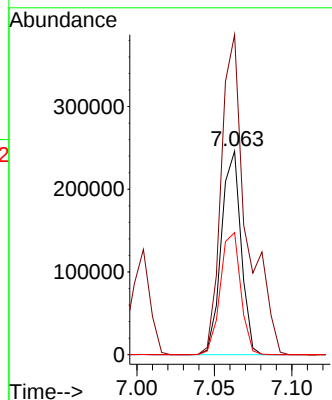
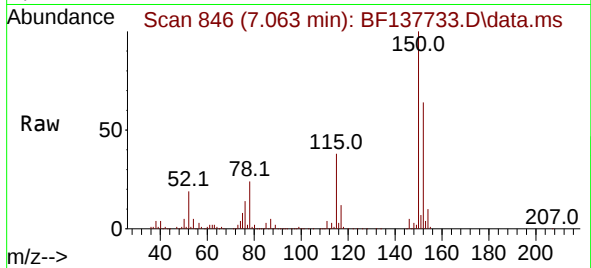




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.063 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

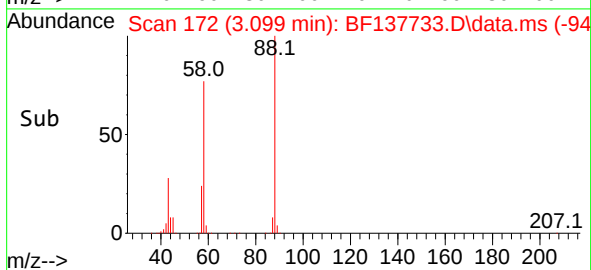
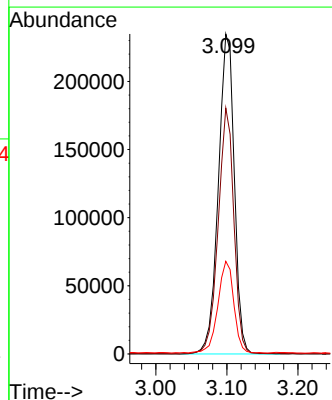
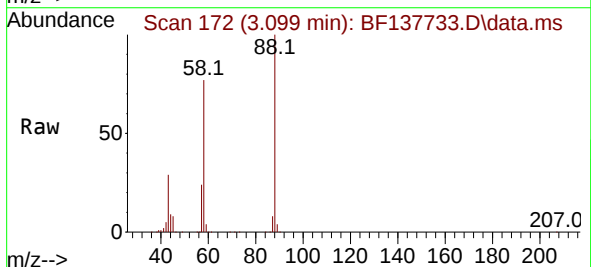
Instrument :  
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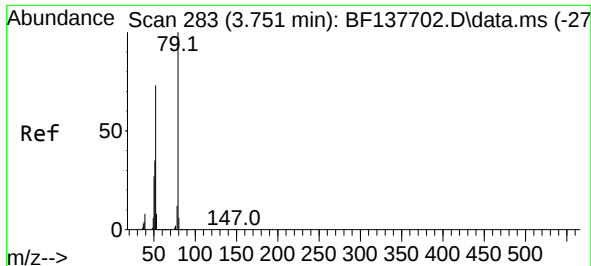
Tgt Ion:152 Resp: 218086  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.2 186.4  
115 60.0 50.8 76.2



#2  
1,4-Dioxane  
Concen: 56.837 ng  
RT: 3.099 min Scan# 172  
Delta R.T. 0.106 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion: 88 Resp: 365388  
Ion Ratio Lower Upper  
88 100  
58 75.5 62.4 93.6  
43 28.8 23.7 35.5





#3

Pyridine

Concen: 51.375 ng

RT: 3.822 min Scan# 295

Delta R.T. 0.071 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

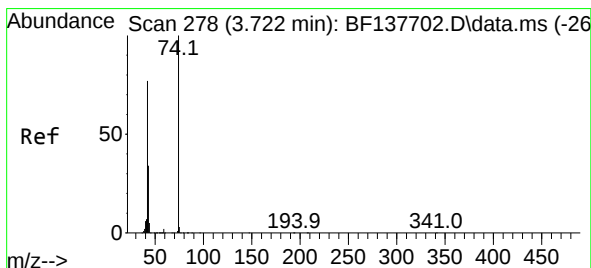
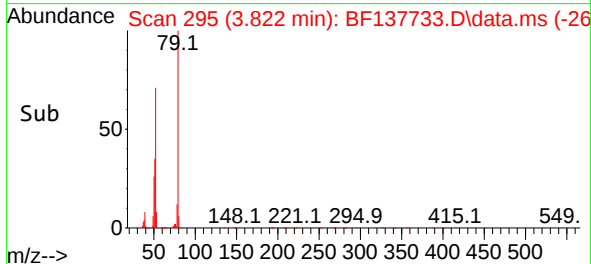
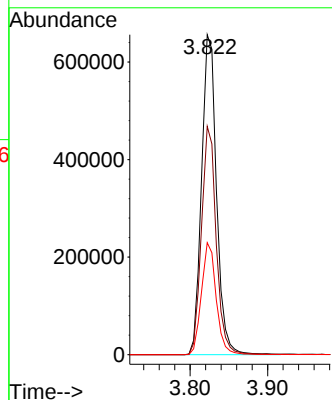
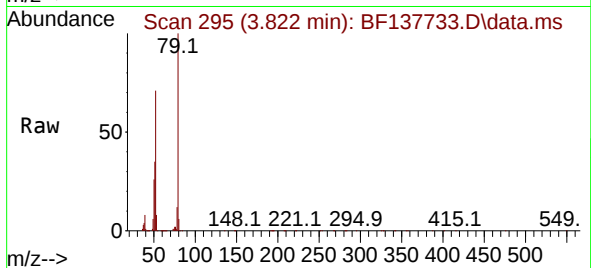
BNA\_F

ClientSampleId :

SP6478

Tgt Ion: 79 Resp: 879812

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 71.3  | 58.0  | 87.0  |
| 51  | 35.0  | 27.9  | 41.9  |



#4

n-Nitrosodimethylamine

Concen: 56.367 ng

RT: 3.799 min Scan# 291

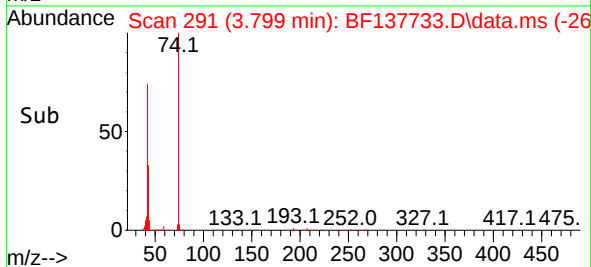
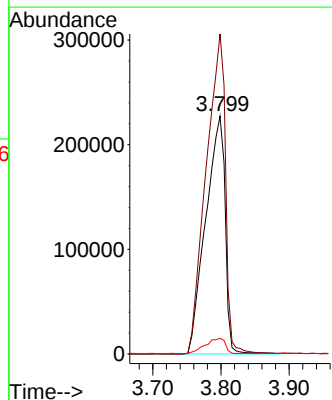
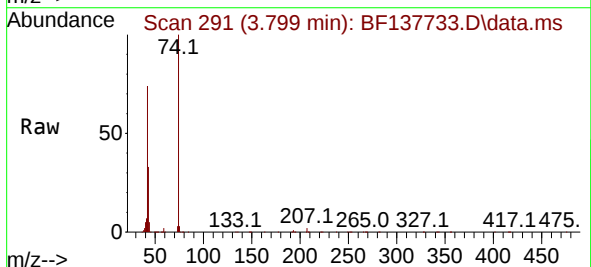
Delta R.T. 0.077 min

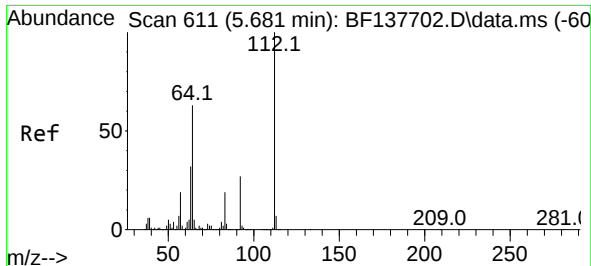
Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Tgt Ion: 42 Resp: 450508

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 134.6 | 103.4 | 155.2 |
| 44  | 6.6   | 5.5   | 8.3   |

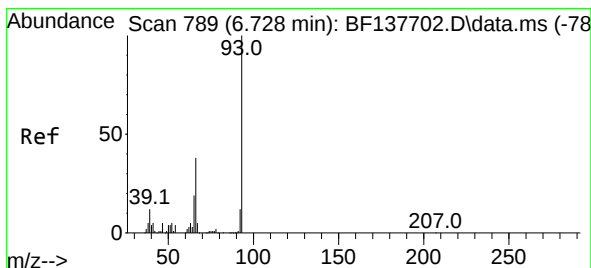
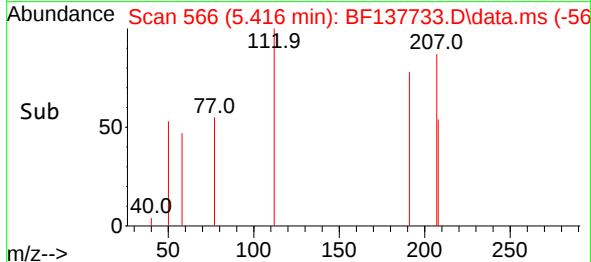
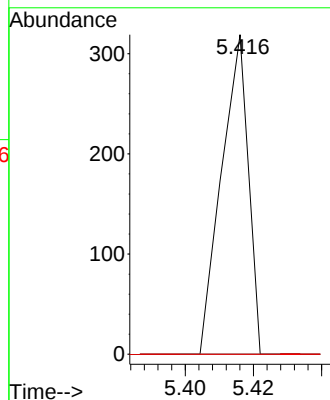
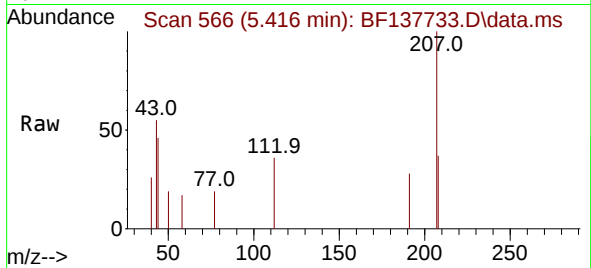




#5  
2-Fluorophenol  
Concen: 0.012 ng  
RT: 5.416 min Scan# 50  
Delta R.T. -0.265 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

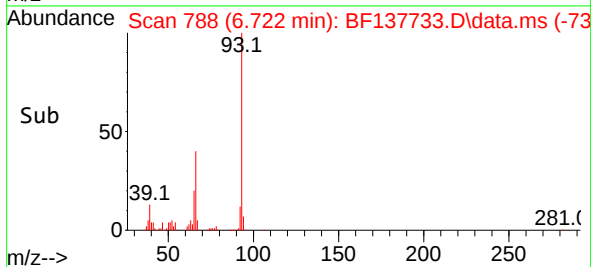
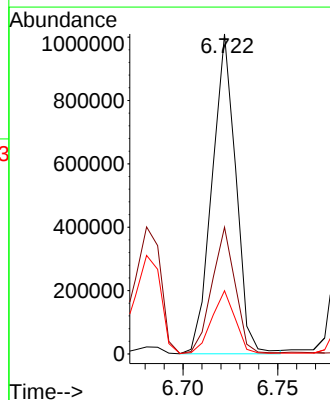
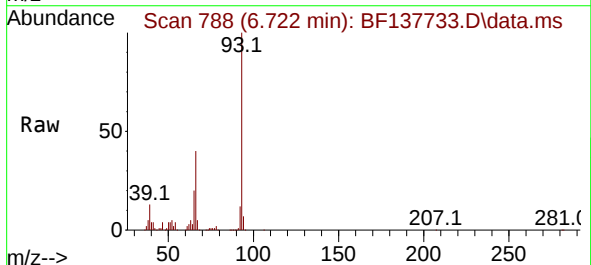
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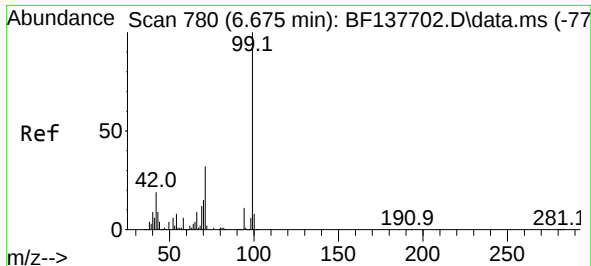
Tgt Ion:112 Resp: 174  
Ion Ratio Lower Upper  
112 100  
64 0.0 50.1 75.1#  
63 0.0 25.2 37.8#



#6  
Aniline  
Concen: 38.834 ng  
RT: 6.722 min Scan# 788  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion: 93 Resp: 881225  
Ion Ratio Lower Upper  
93 100  
66 39.6 32.1 48.1  
65 19.8 16.4 24.6





#7

Phenol-d6

Concen: 2.626 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.171 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

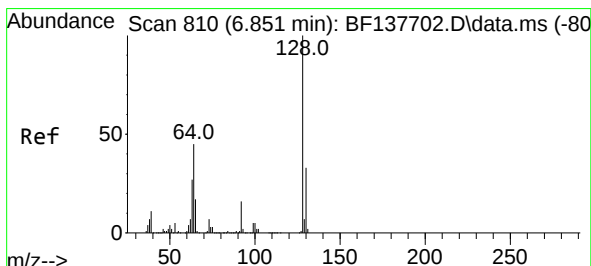
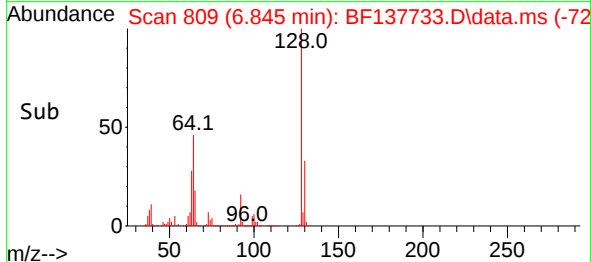
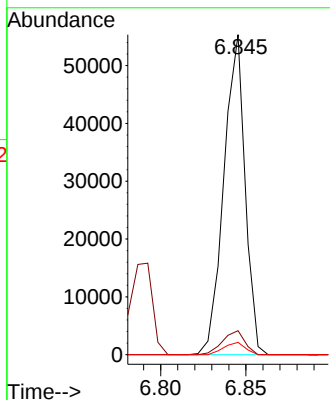
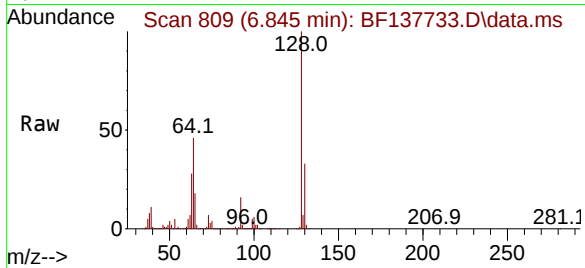
Tgt Ion: 99 Resp: 47880

Ion Ratio Lower Upper

99 100

42 7.5 15.0 22.4#

71 3.8 25.7 38.5#



#8

2-Chlorophenol

Concen: 61.296 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF137733.D

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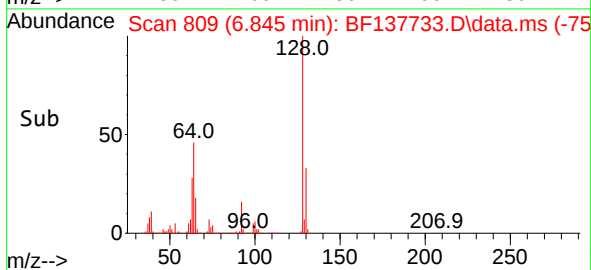
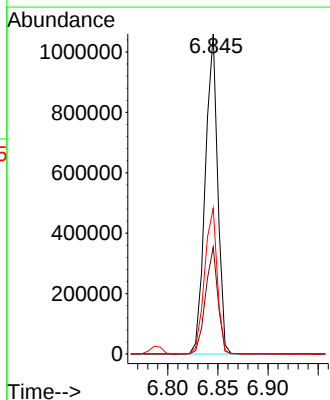
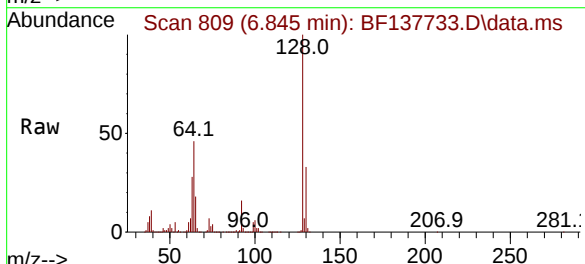
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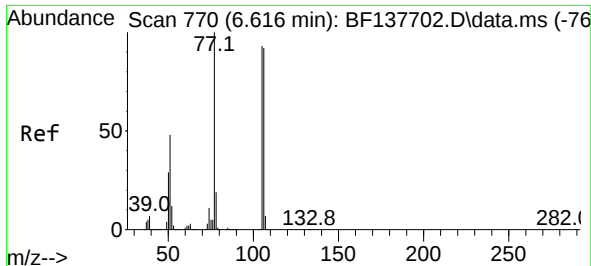
Ion Ratio Lower Upper

128 100

130 33.4 13.2 53.2

64 45.6 24.7 64.7

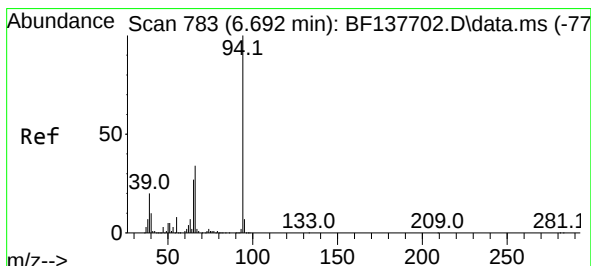
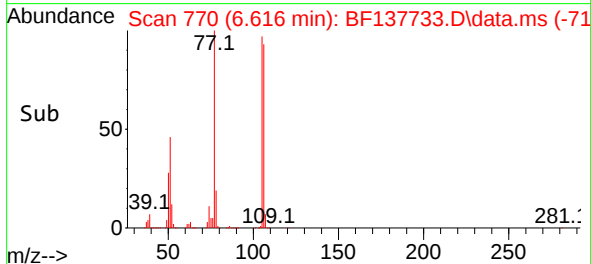
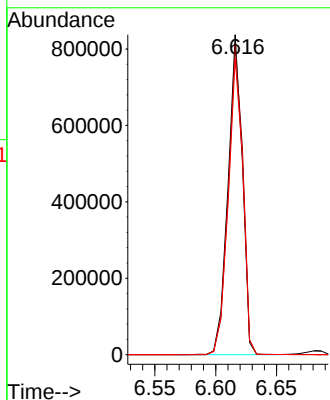
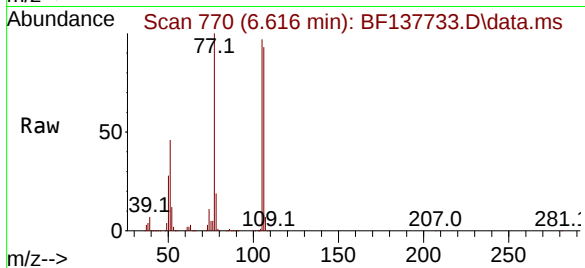




#9  
Benzaldehyde  
Concen: 67.124 ng  
RT: 6.616 min Scan# 770  
Delta R.T. -0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

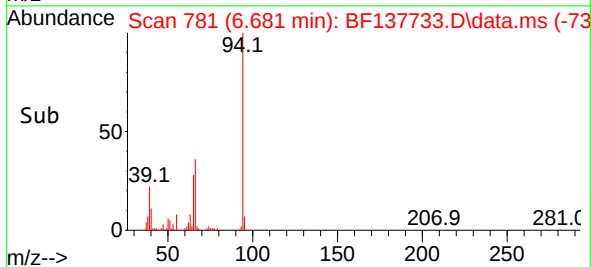
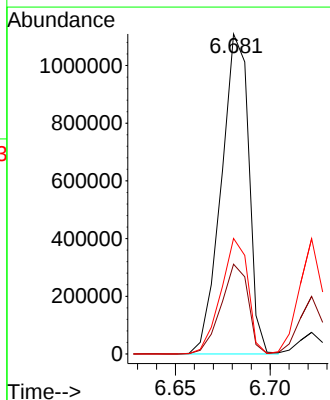
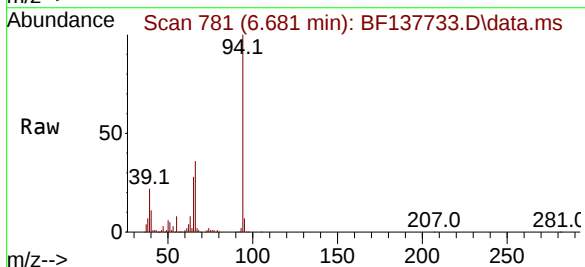
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

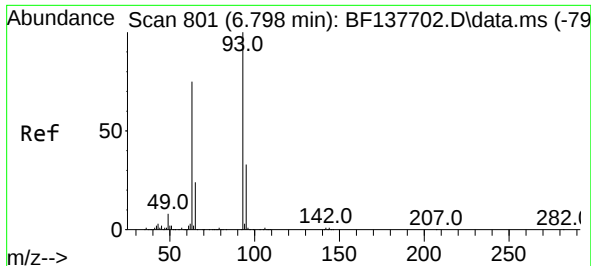
Tgt Ion: 77 Resp: 686782  
Ion Ratio Lower Upper  
77 100  
105 96.8 73.3 113.3  
106 92.6 72.1 112.1



#10  
Phenol  
Concen: 61.722 ng  
RT: 6.681 min Scan# 781  
Delta R.T. -0.012 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion: 94 Resp: 1124180  
Ion Ratio Lower Upper  
94 100  
65 28.0 6.5 46.5  
66 36.1 13.9 53.9

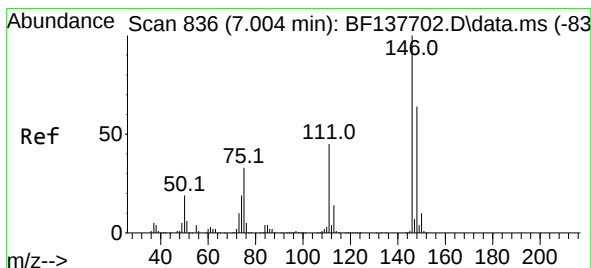
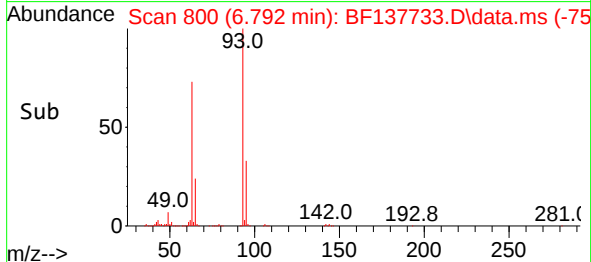
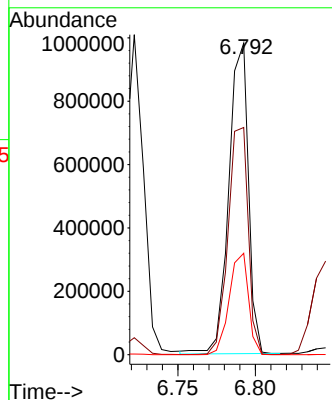
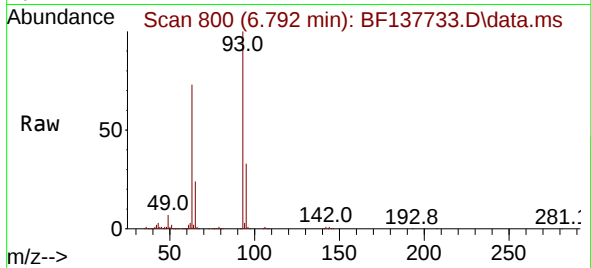




#11  
bis(2-Chloroethyl)ether  
Concen: 57.965 ng  
RT: 6.792 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

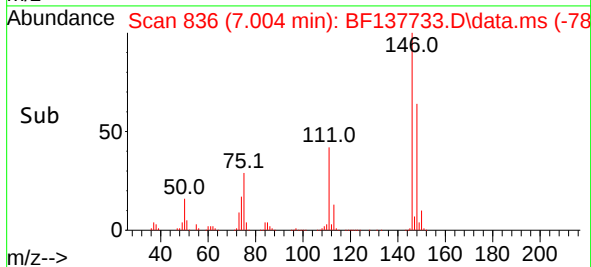
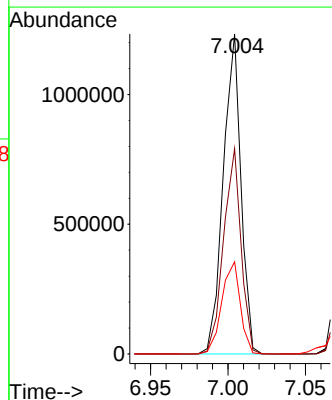
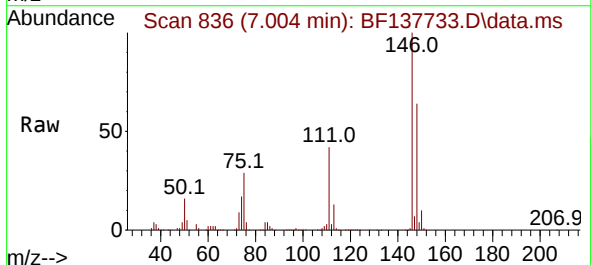
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

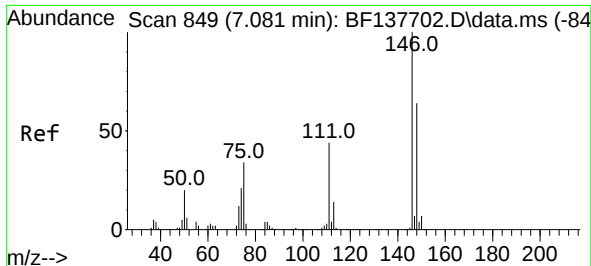
Tgt Ion: 93 Resp: 861133  
Ion Ratio Lower Upper  
93 100  
63 73.0 54.8 94.8  
95 32.5 13.2 53.2



#12  
1,3-Dichlorobenzene  
Concen: 62.233 ng  
RT: 7.004 min Scan# 836  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:146 Resp: 978085  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.8 76.2  
75 28.8 26.4 39.6

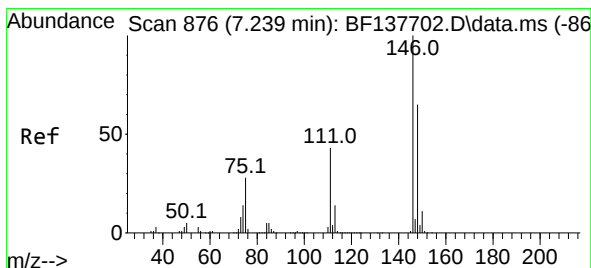
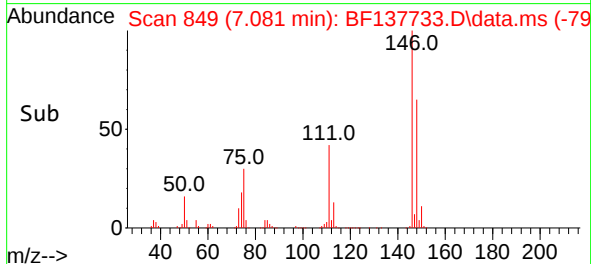
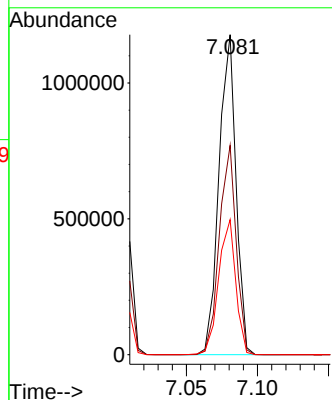
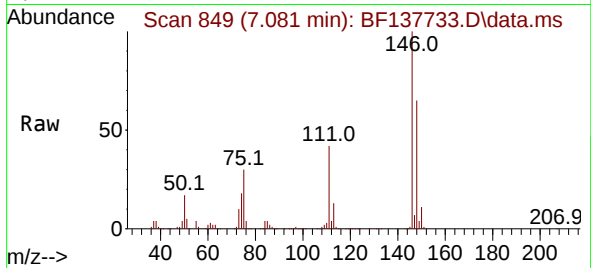




#13  
1,4-Dichlorobenzene  
Concen: 61.896 ng  
RT: 7.081 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

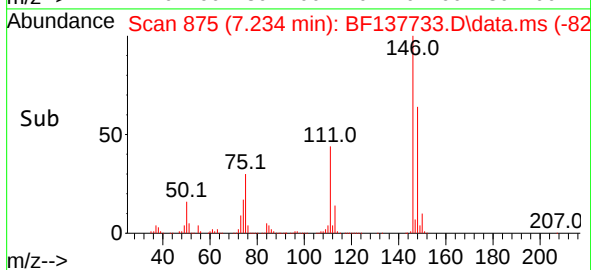
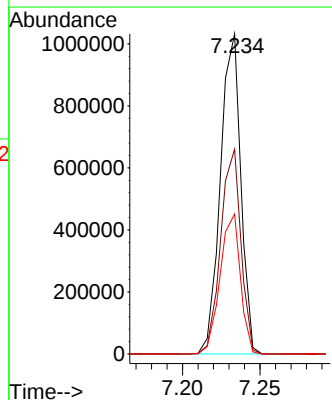
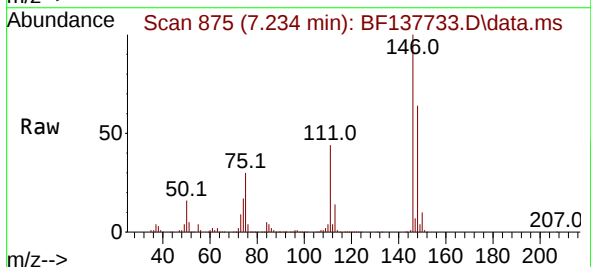
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

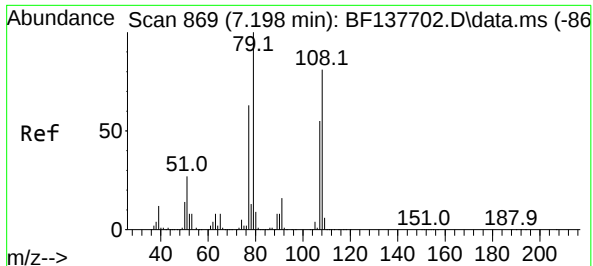
Tgt Ion:146 Resp: 979384  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.0 76.6  
111 42.2 35.0 52.6



#14  
1,2-Dichlorobenzene  
Concen: 64.100 ng  
RT: 7.234 min Scan# 875  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:146 Resp: 944107  
Ion Ratio Lower Upper  
146 100  
148 64.0 52.1 78.1  
111 43.7 34.5 51.7

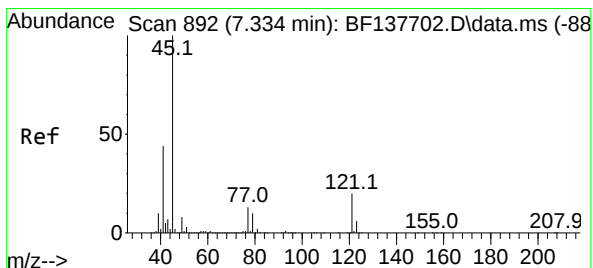
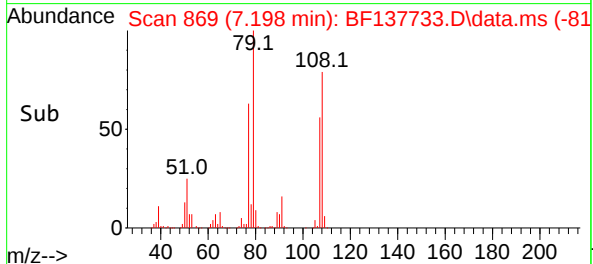
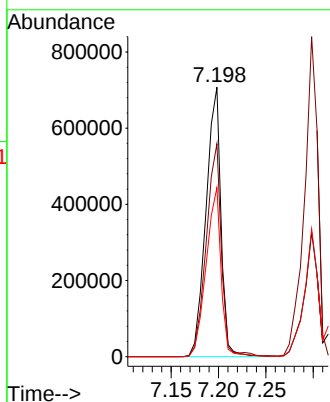
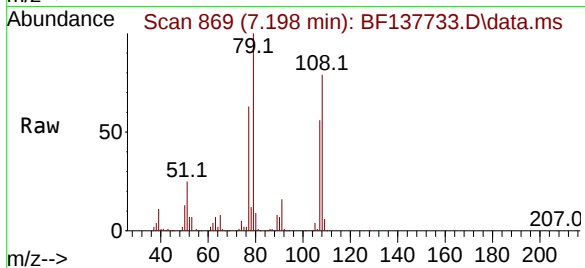




#15  
Benzyl Alcohol  
Concen: 57.100 ng  
RT: 7.198 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

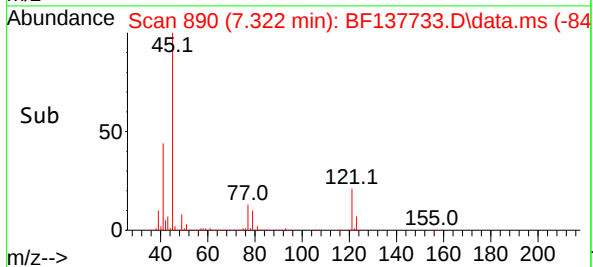
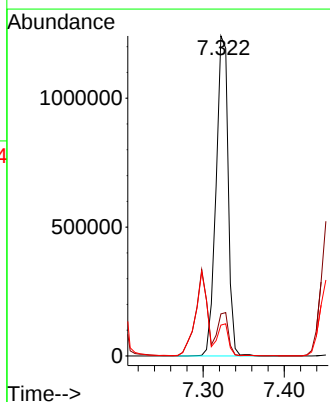
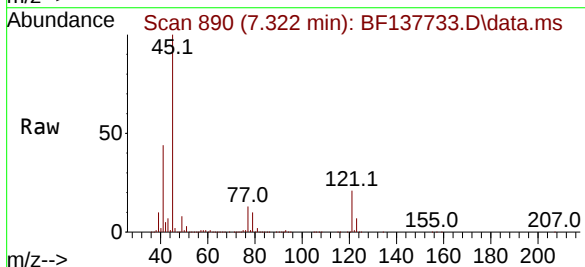
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

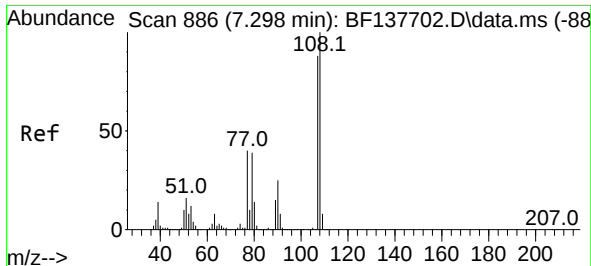
Tgt Ion: 79 Resp: 778760  
Ion Ratio Lower Upper  
79 100  
108 79.0 64.8 97.2  
77 62.7 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 56.392 ng  
RT: 7.322 min Scan# 890  
Delta R.T. -0.012 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion: 45 Resp: 1288387  
Ion Ratio Lower Upper  
45 100  
77 13.1 0.0 32.8  
79 9.7 0.0 30.1

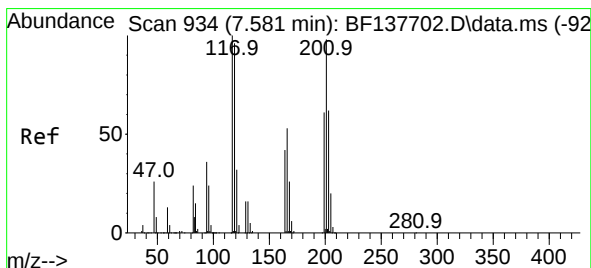
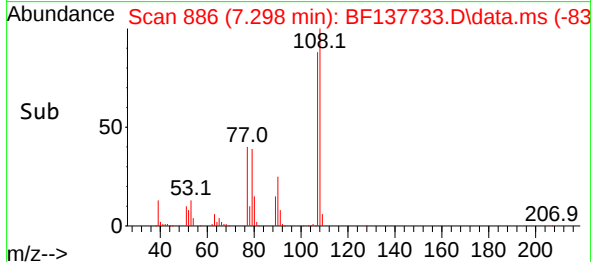
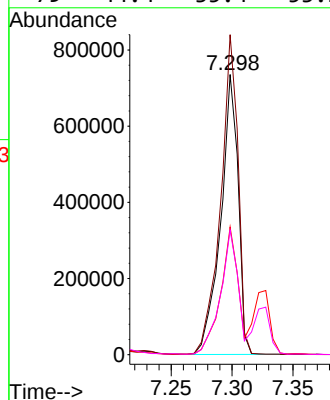
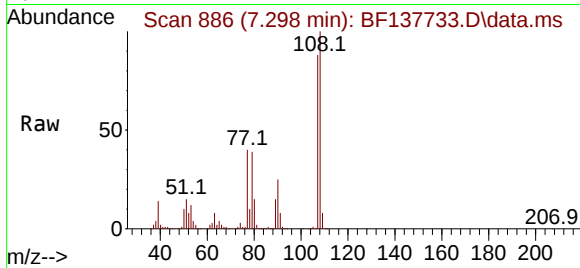




#17  
2-Methylphenol  
Concen: 54.961 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

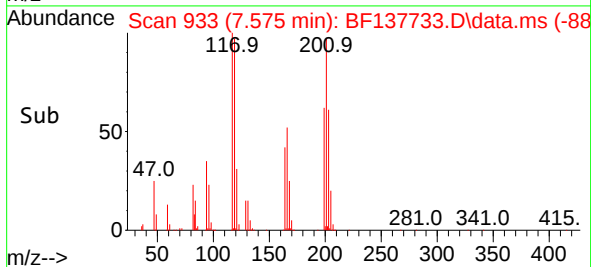
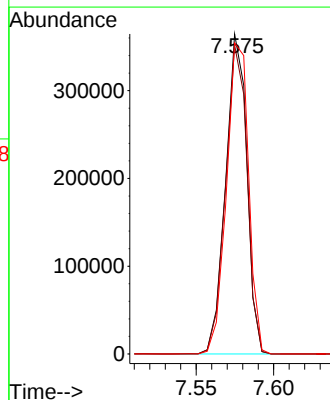
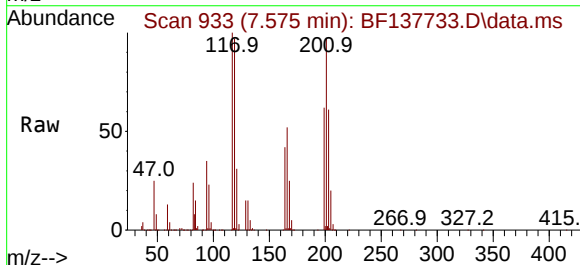
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

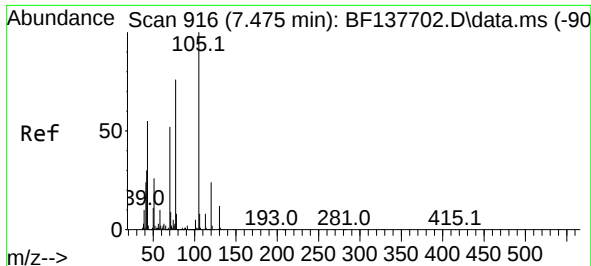
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 731817 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.2 | 90.6  | 135.8  |
| 77       | 45.6  | 35.8  | 53.8   |
| 79       | 44.4  | 35.4  | 53.2   |



#18  
Hexachloroethane  
Concen: 62.085 ng  
RT: 7.575 min Scan# 933  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 347681 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.6  | 77.1  | 115.7  |
| 201      | 97.2  | 78.1  | 117.1  |

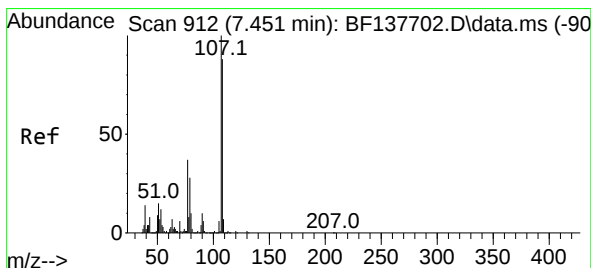
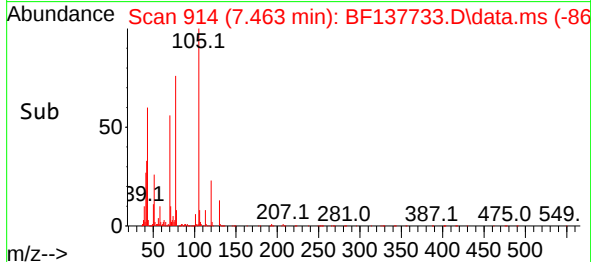
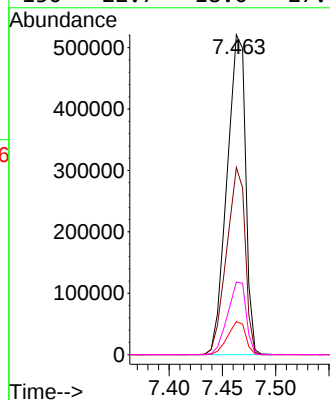
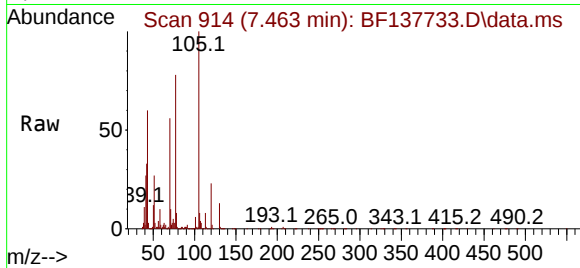




#19  
n-Nitroso-di-n-propylamine  
Concen: 53.790 ng  
RT: 7.463 min Scan# 914  
Delta R.T. -0.012 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

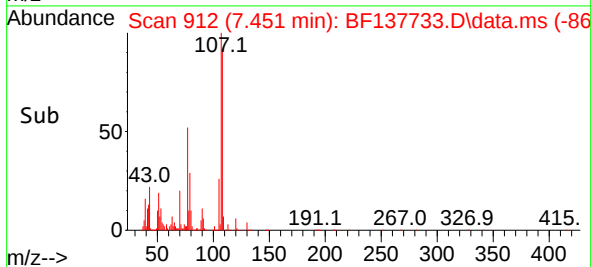
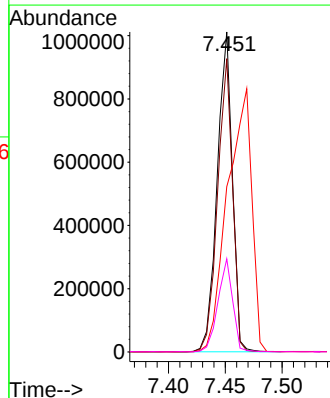
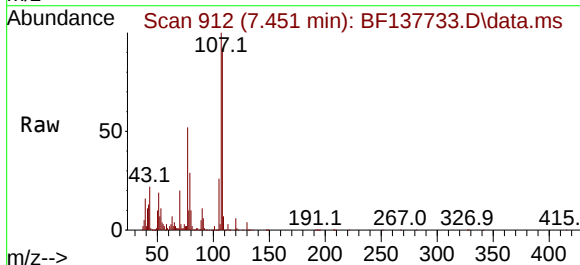
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

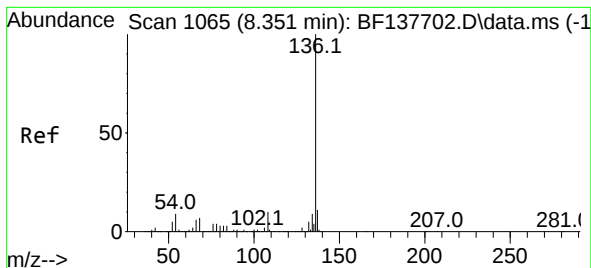
Tgt Ion: 70 Resp: 634138  
Ion Ratio Lower Upper  
70 100  
42 58.5 45.9 68.9  
101 10.4 8.0 12.0  
130 22.7 18.0 27.0



#20  
3+4-Methylphenols  
Concen: 54.538 ng  
RT: 7.451 min Scan# 912  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:107 Resp: 937920  
Ion Ratio Lower Upper  
107 100  
108 91.7 68.2 108.2  
77 51.7 16.8 56.8  
79 29.1 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

Tgt Ion:136 Resp: 871765

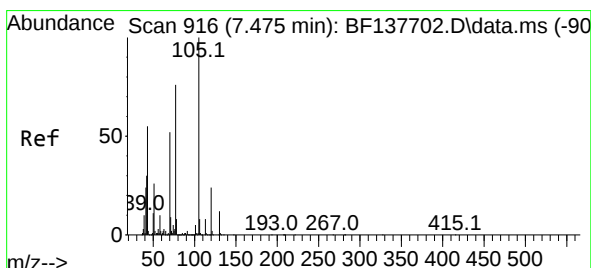
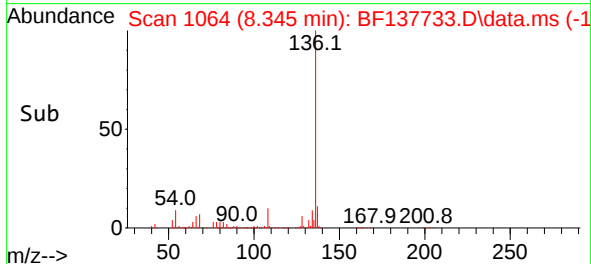
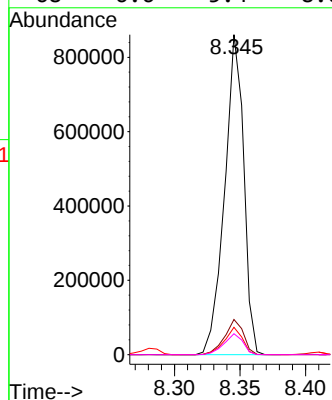
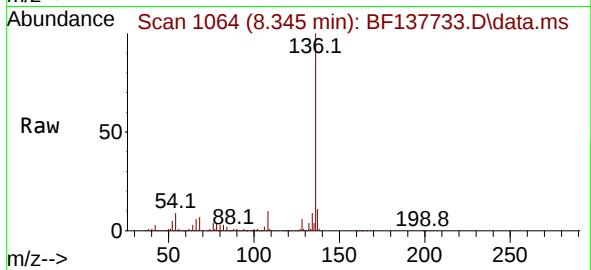
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.6 6.9 10.3

68 6.6 5.4 8.0



#22

Acetophenone

Concen: 58.692 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Tgt Ion:105 Resp: 1251455

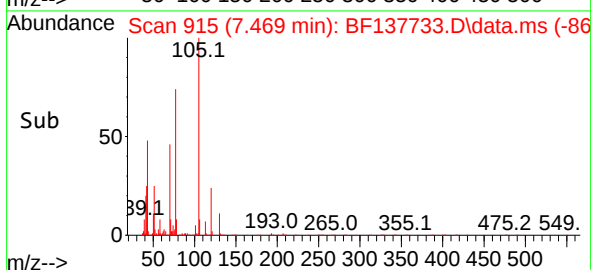
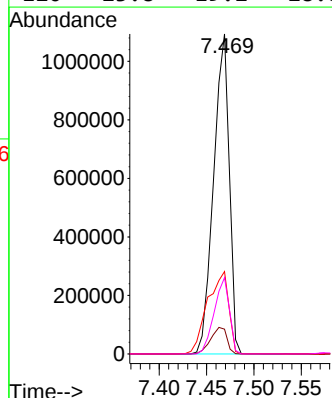
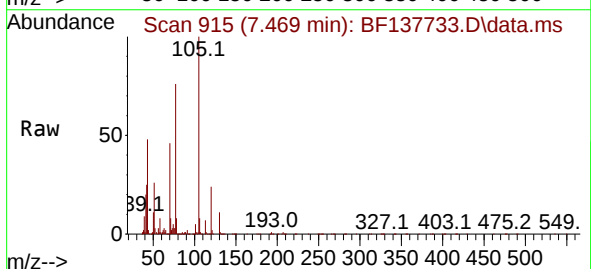
Ion Ratio Lower Upper

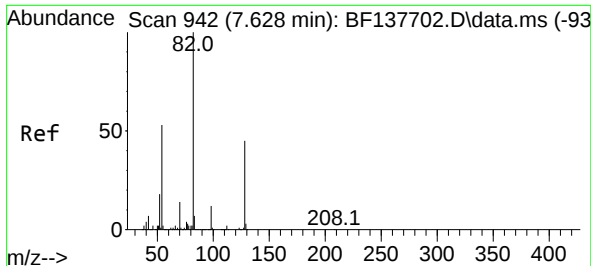
105 100

71 7.8 7.0 10.6

51 25.8 20.5 30.7

120 23.8 19.2 28.8





#23

Nitrobenzene-d5

Concen: 5.002 ng

RT: 7.575 min Scan# 91

Delta R.T. -0.053 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

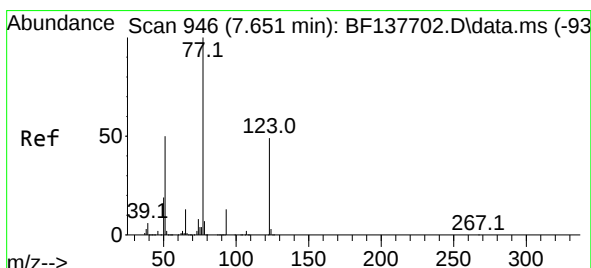
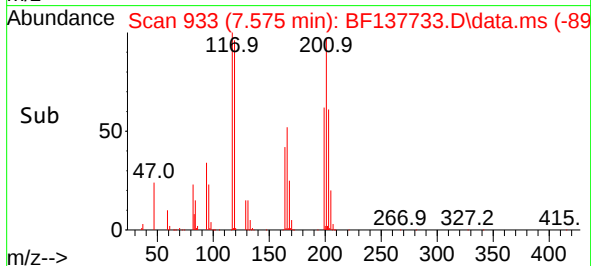
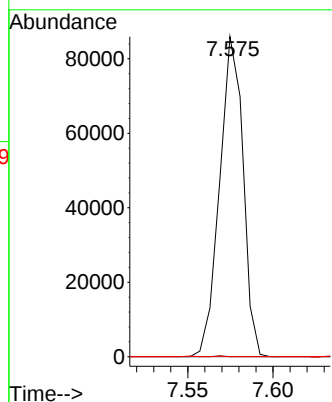
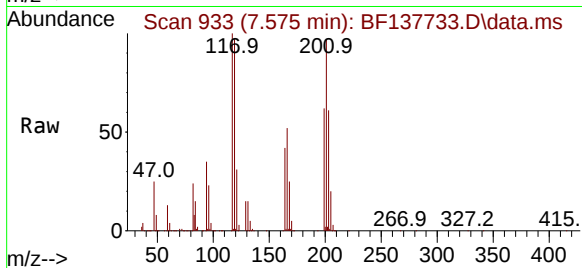
Tgt Ion: 82 Resp: 82147

Ion Ratio Lower Upper

82 100

128 0.0 35.8 53.6#

54 0.0 42.5 63.7#



#24

Nitrobenzene

Concen: 57.071 ng

RT: 7.639 min Scan# 944

Delta R.T. -0.012 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

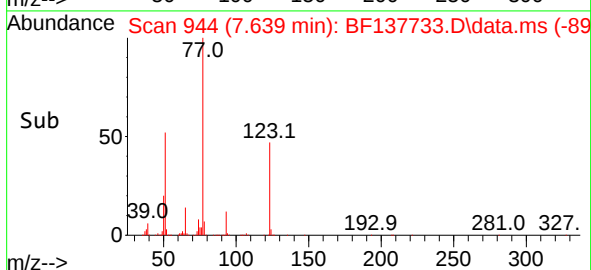
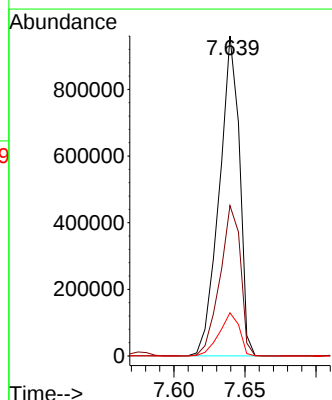
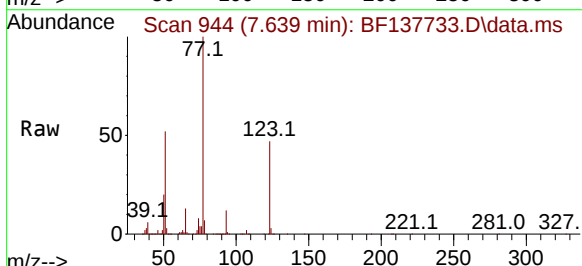
Tgt Ion: 77 Resp: 946911

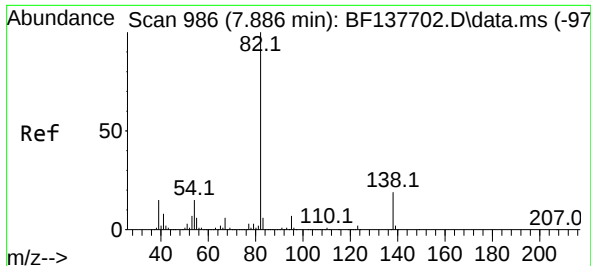
Ion Ratio Lower Upper

77 100

123 47.0 40.4 60.6

65 13.5 10.7 16.1

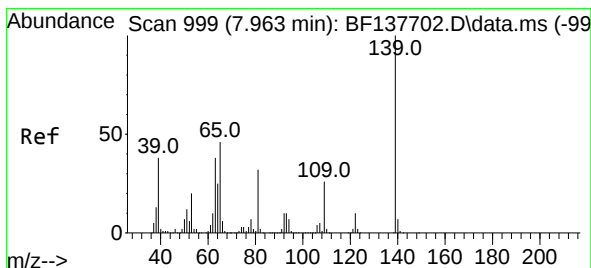
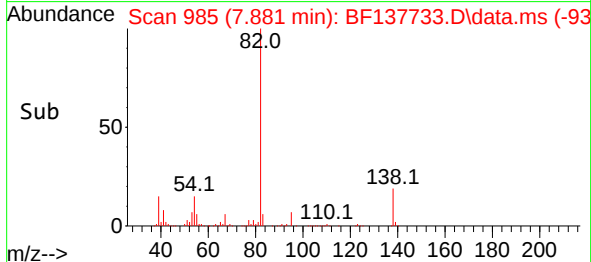
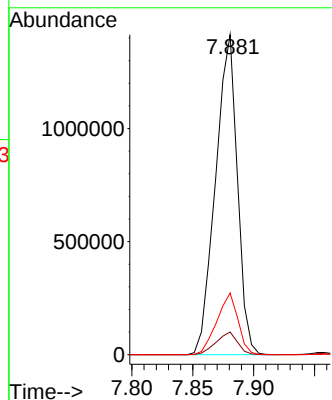
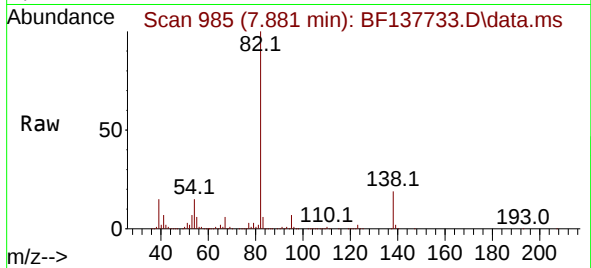




#25  
Isophorone  
Concen: 57.931 ng  
RT: 7.881 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

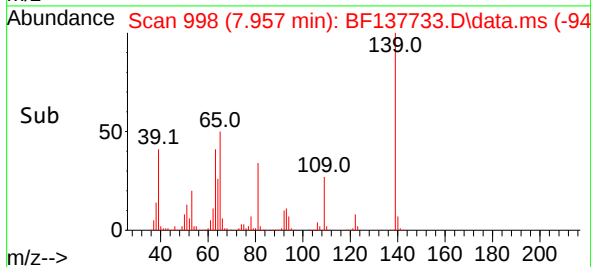
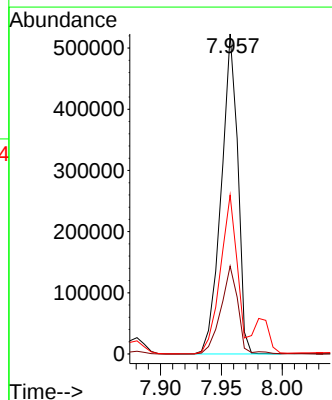
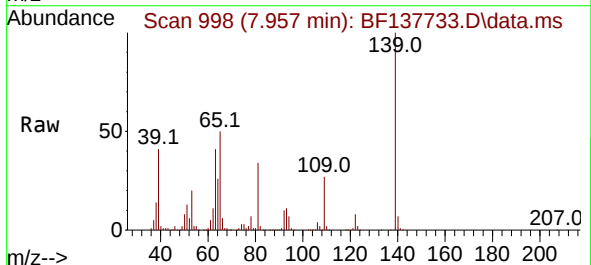
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

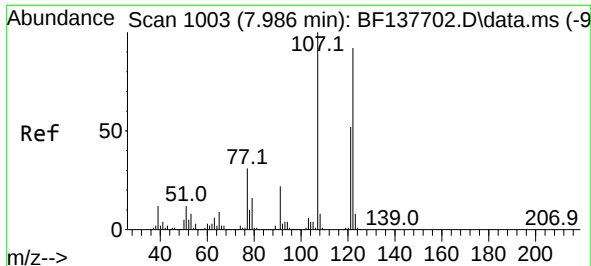
Tgt Ion: 82 Resp: 1766941  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.5 8.3  
138 19.2 15.3 22.9



#26  
2-Nitrophenol  
Concen: 68.067 ng  
RT: 7.957 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:139 Resp: 495608  
Ion Ratio Lower Upper  
139 100  
109 27.4 21.1 31.7  
65 49.6 37.1 55.7

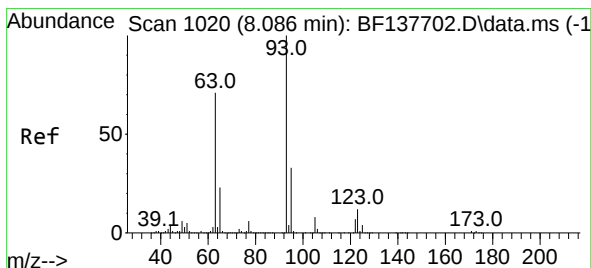
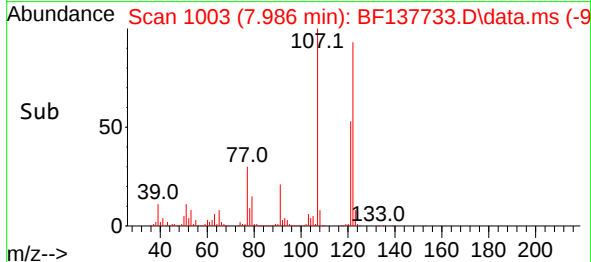
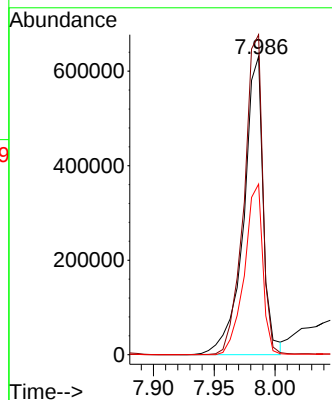
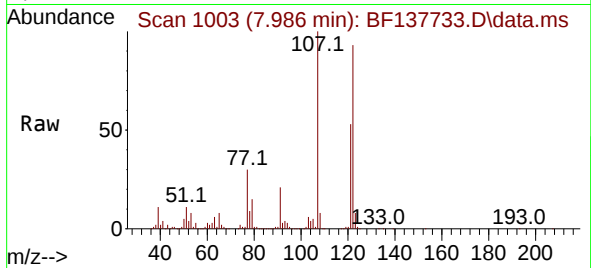




#27  
2,4-Dimethylphenol  
Concen: 48.178 ng  
RT: 7.986 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

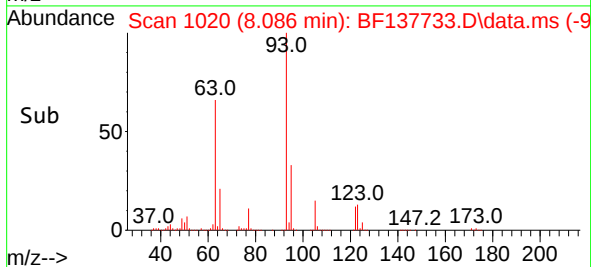
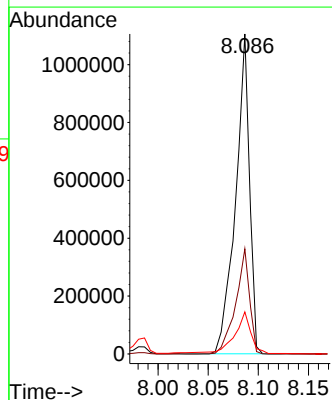
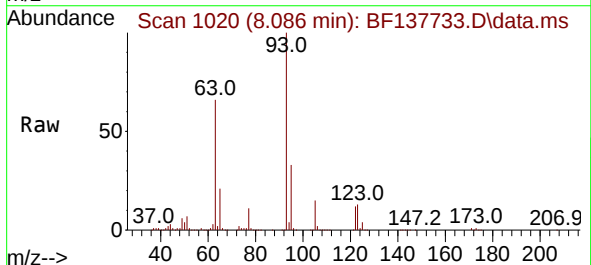
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

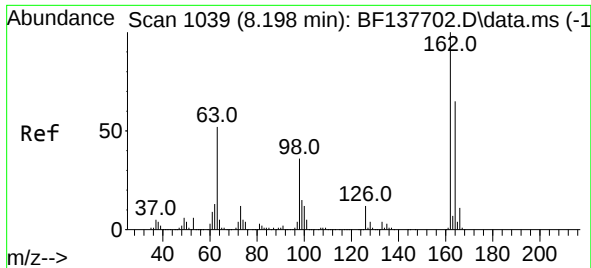
Tgt Ion:122 Resp: 707723  
Ion Ratio Lower Upper  
122 100  
107 107.3 87.2 130.8  
121 57.2 45.2 67.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 57.537 ng  
RT: 8.086 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion: 93 Resp: 1071895  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.5 39.7  
123 13.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 61.099 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

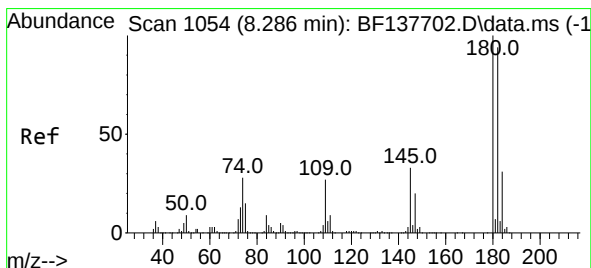
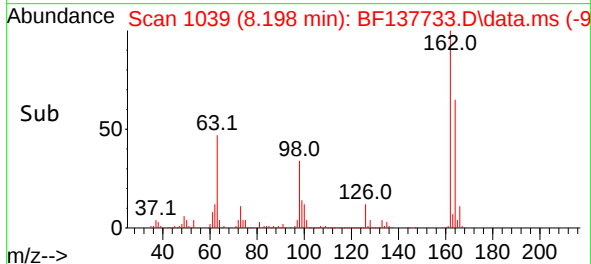
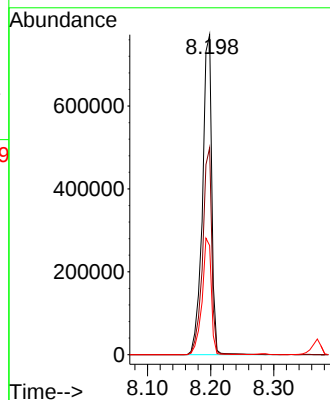
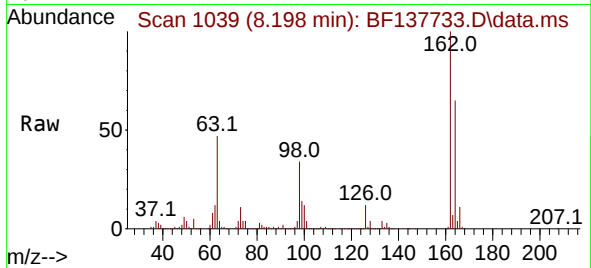
Tgt Ion:162 Resp: 786595

Ion Ratio Lower Upper

162 100

164 64.6 45.2 85.2

98 34.1 15.7 55.7



#30

1,2,4-Trichlorobenzene

Concen: 61.903 ng

RT: 8.286 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

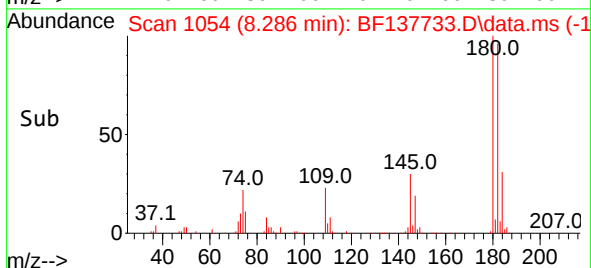
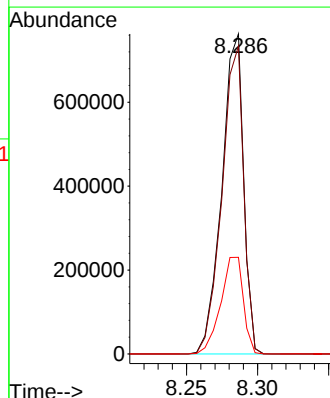
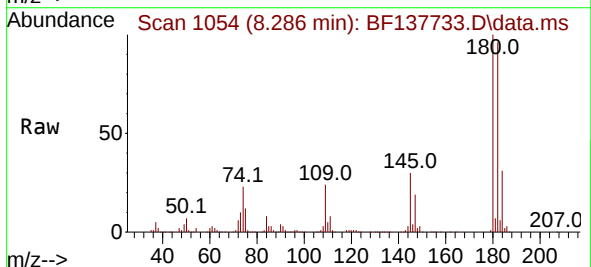
Tgt Ion:180 Resp: 812298

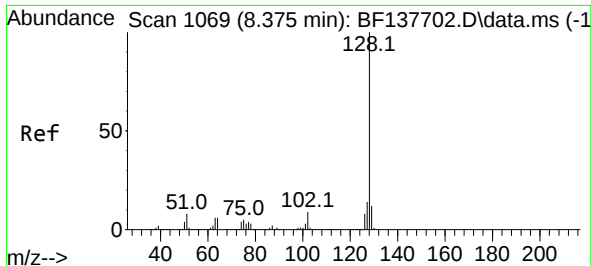
Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.2

145 30.2 26.3 39.5

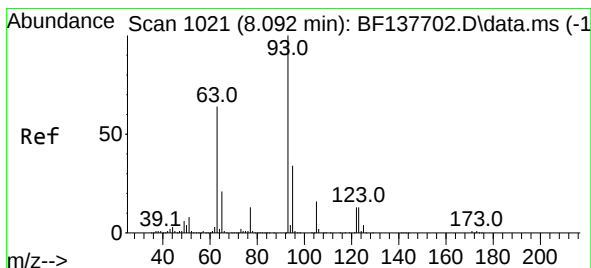
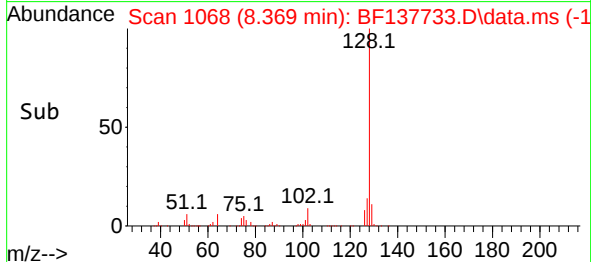
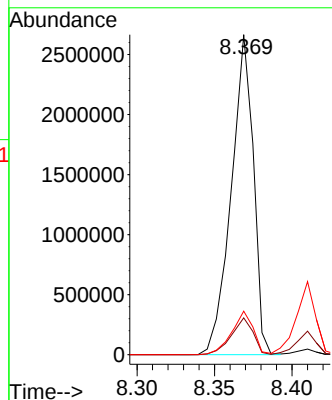
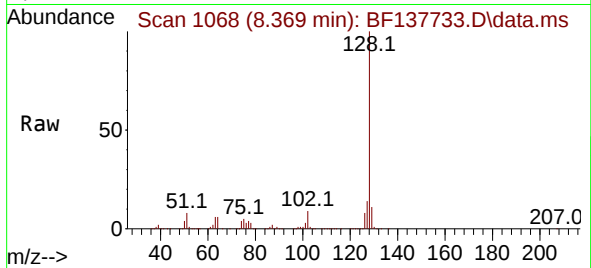




#31  
Naphthalene  
Concen: 59.397 ng  
RT: 8.369 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

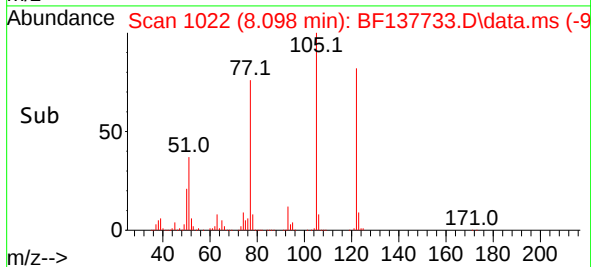
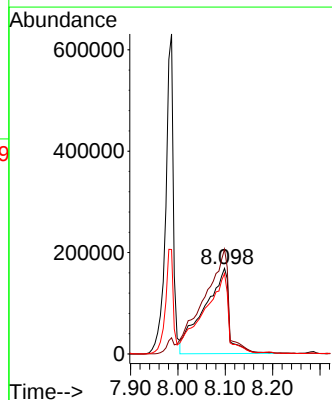
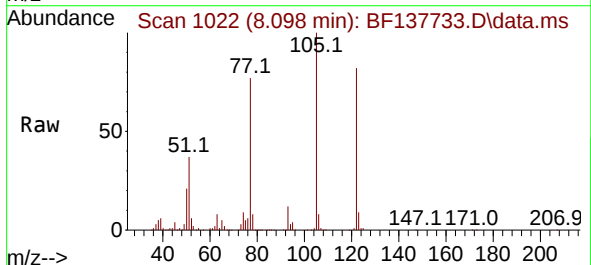
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

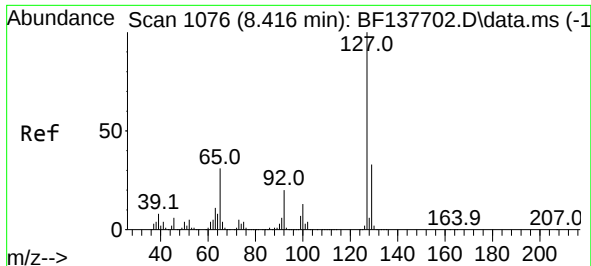
Tgt Ion:128 Resp: 2642316  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.3 13.9  
127 13.6 11.0 16.6



#32  
Benzoic acid  
Concen: 66.711 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:122 Resp: 620493  
Ion Ratio Lower Upper  
122 100  
105 122.4 101.1 141.1  
77 94.2 75.7 115.7

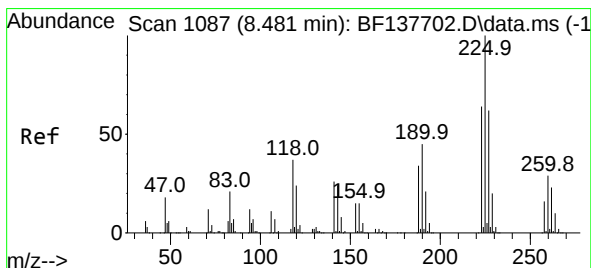
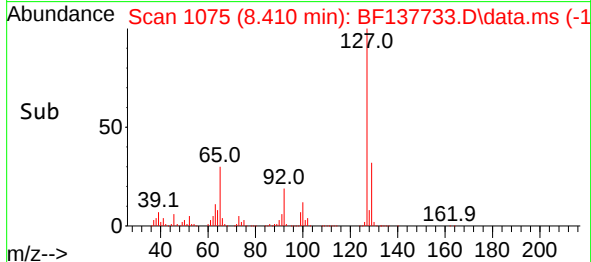
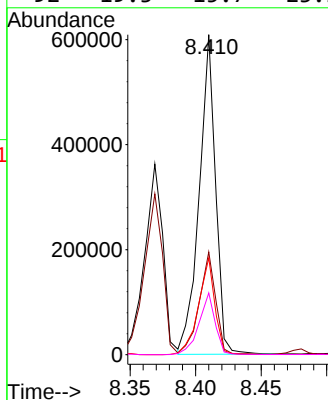
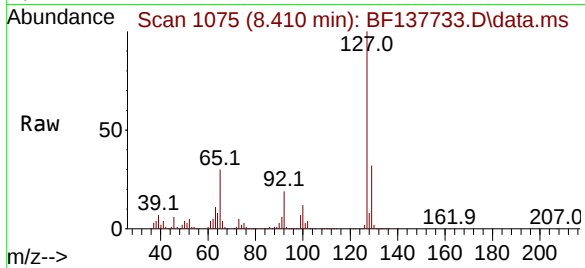




#33  
4-Chloroaniline  
Concen: 28.225 ng  
RT: 8.410 min Scan# 1076  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

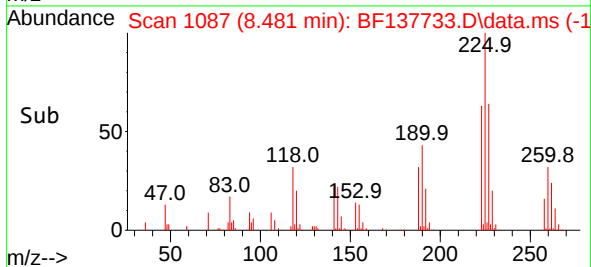
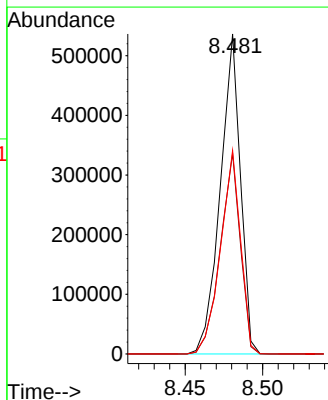
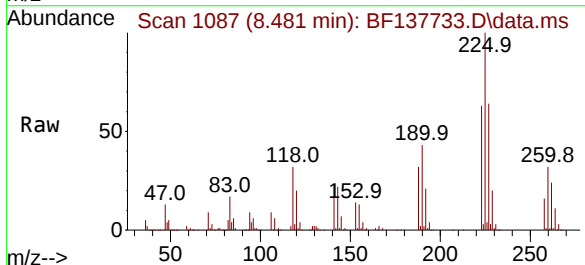
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

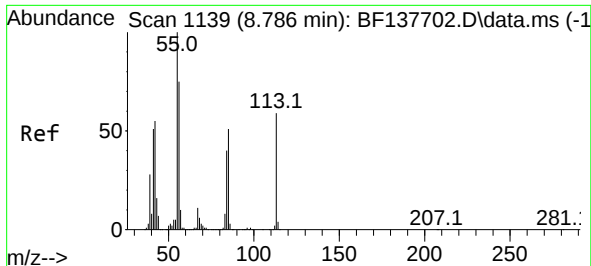
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 531469 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 32.1    | 26.4 39.6    |
| 65 30.2     | 24.6 36.8    |
| 92 19.3     | 15.7 23.5    |



#34  
Hexachlorobutadiene  
Concen: 61.608 ng  
RT: 8.481 min Scan# 1087  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:225 | Resp: 484655 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 225 100     |              |       |  |
| 223 62.7    | 51.4         | 77.0  |  |
| 227 63.6    | 49.4         | 74.2  |  |





#35

Caprolactam

Concen: 36.852 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

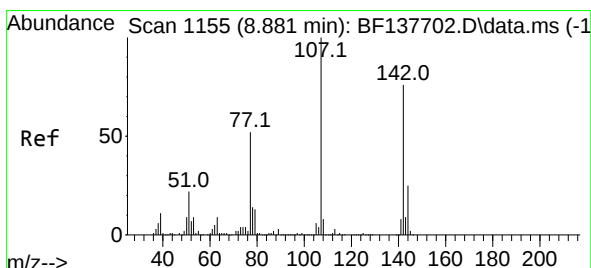
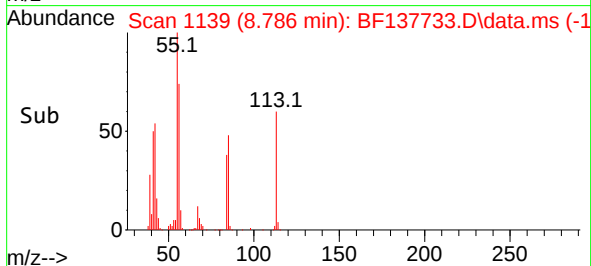
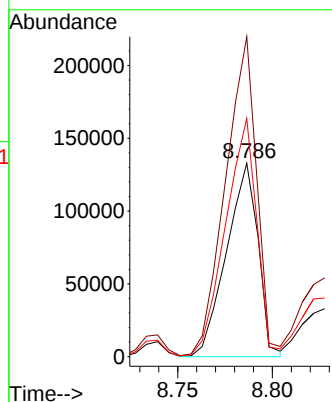
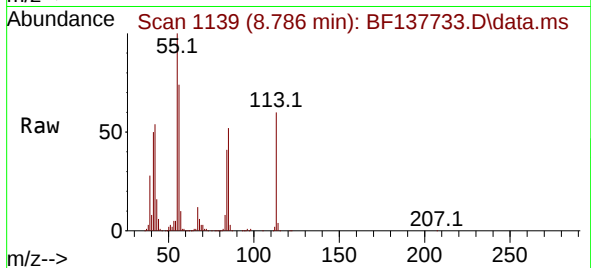
Tgt Ion:113 Resp: 153391

Ion Ratio Lower Upper

113 100

55 165.4 148.7 188.7

56 123.2 107.2 147.2



#36

4-Chloro-3-methylphenol

Concen: 59.060 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

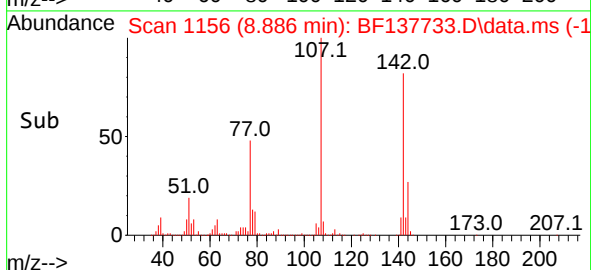
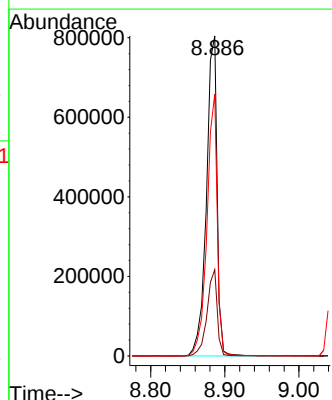
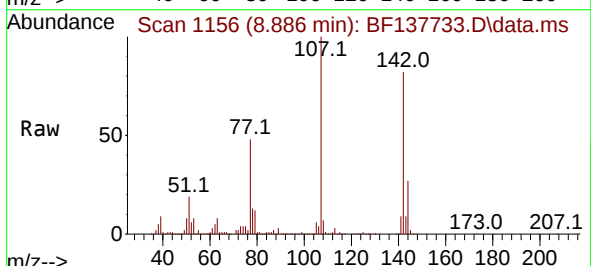
Tgt Ion:107 Resp: 806435

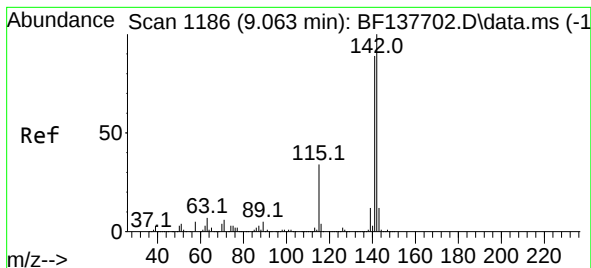
Ion Ratio Lower Upper

107 100

144 27.0 19.8 29.8

142 81.8 60.5 90.7





#37

2-Methylnaphthalene

Concen: 56.894 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

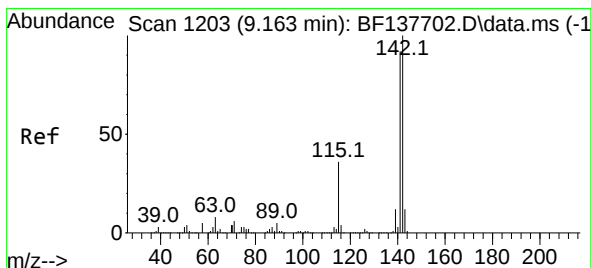
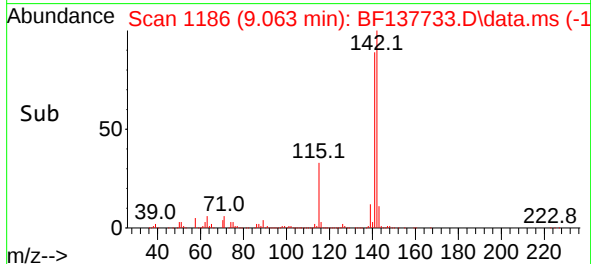
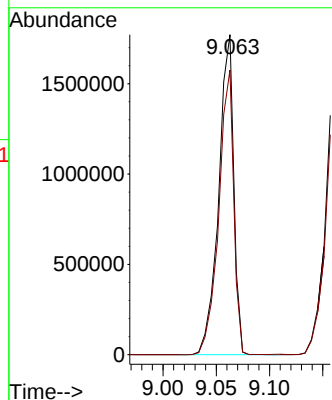
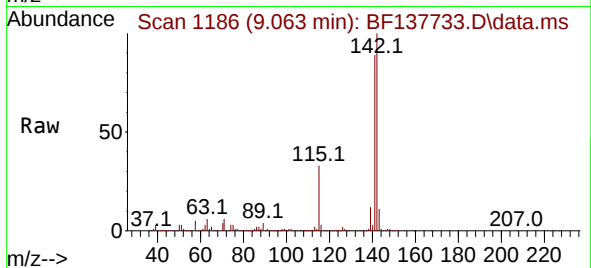
SP6478

Tgt Ion:142 Resp: 1737168

Ion Ratio Lower Upper

142 100

141 88.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 56.808 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF137733.D

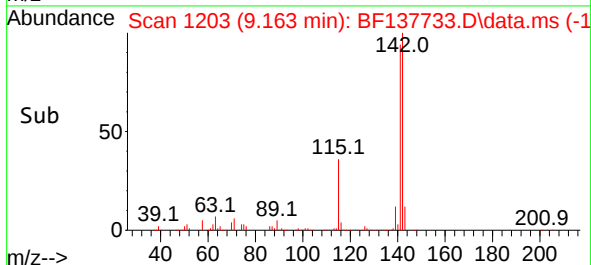
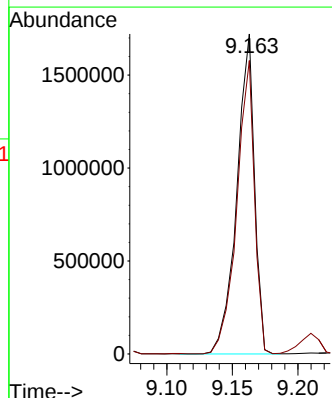
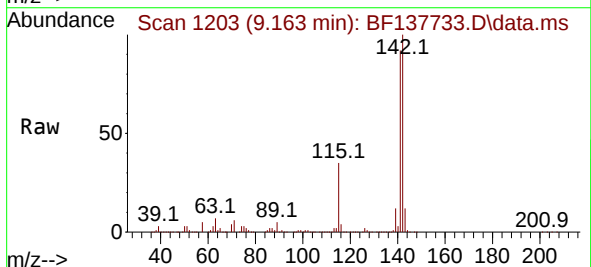
Acq: 26 Apr 2024 13:54

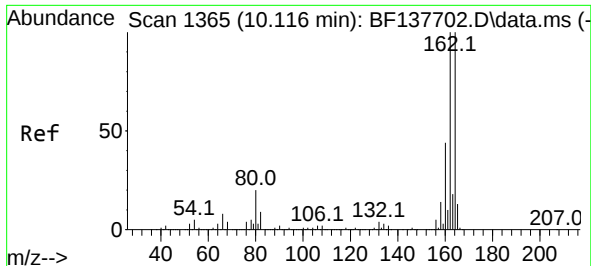
Tgt Ion:142 Resp: 1621722

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0

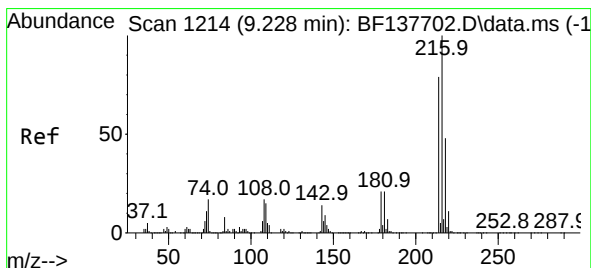
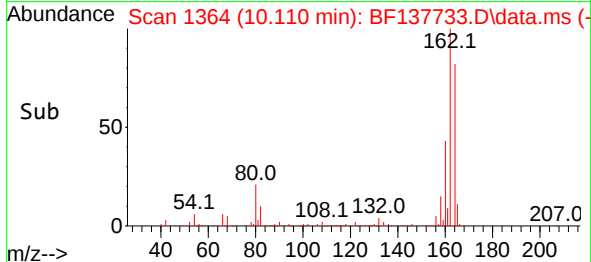
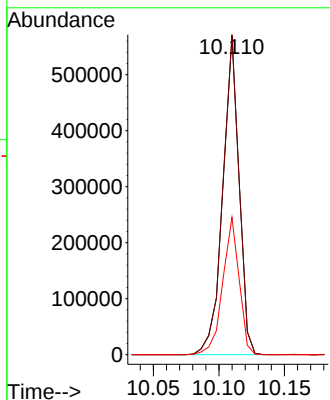
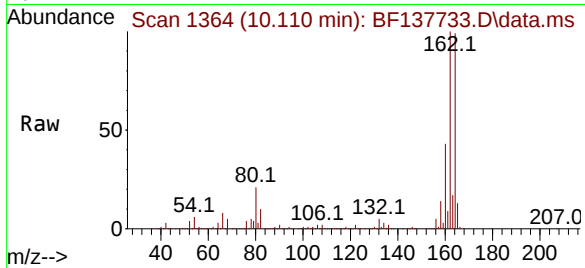




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

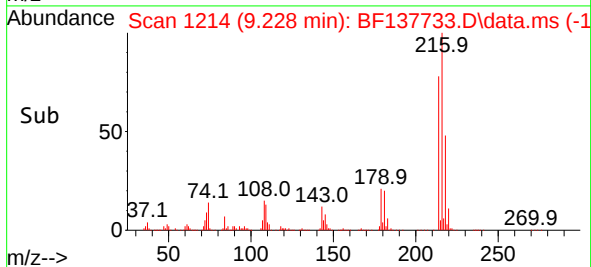
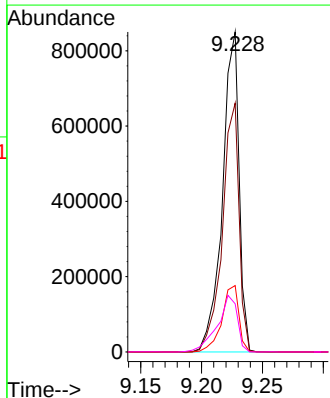
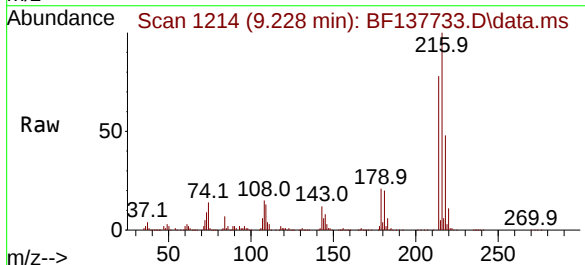
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

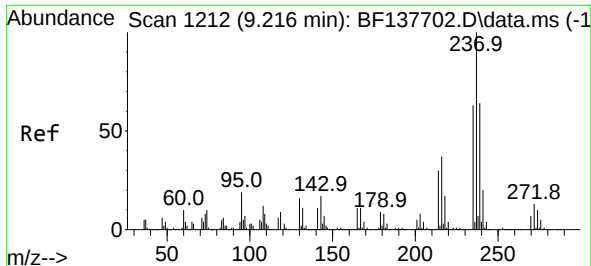
Tgt Ion:164 Resp: 491185  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.3 120.5  
160 43.1 35.0 52.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 59.995 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:216 Resp: 807897  
Ion Ratio Lower Upper  
216 100  
214 78.0 63.4 95.0  
179 21.3 17.1 25.7  
108 21.2 16.2 24.2

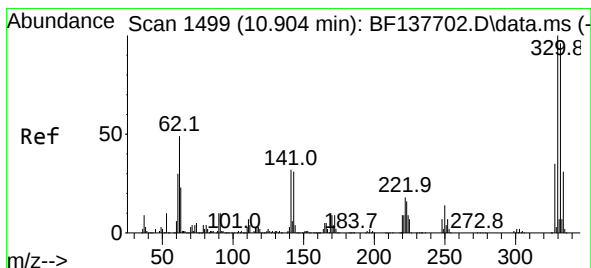
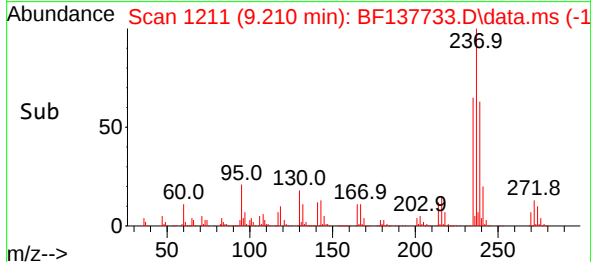
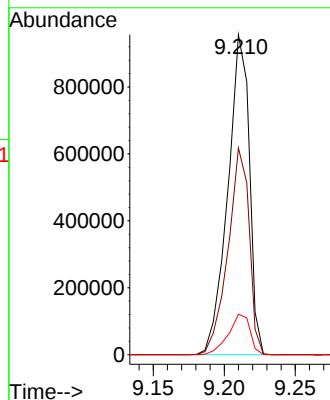
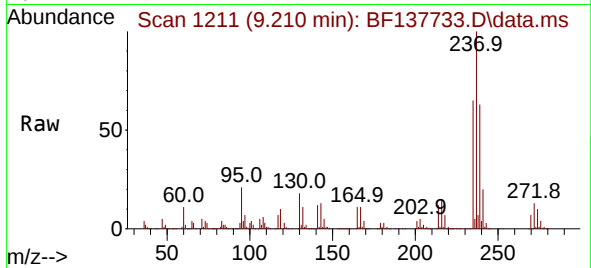




#41  
Hexachlorocyclopentadiene  
Concen: 133.571 ng  
RT: 9.210 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

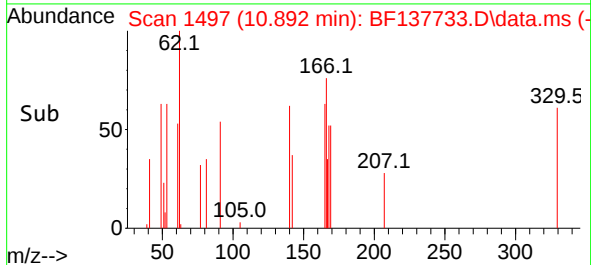
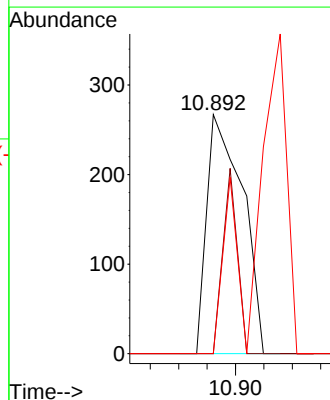
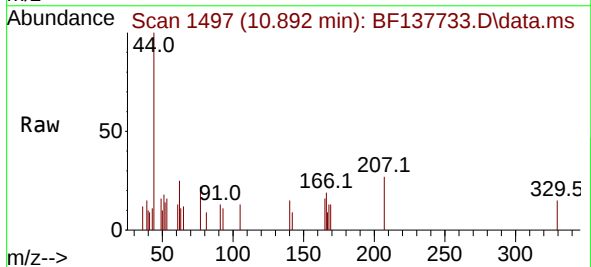
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

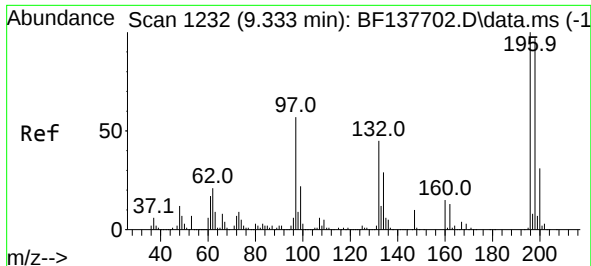
Tgt Ion:237 Resp: 1007815  
Ion Ratio Lower Upper  
237 100  
235 64.6 42.9 82.9  
272 12.7 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 0.047 ng  
RT: 10.892 min Scan# 1497  
Delta R.T. -0.012 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:330 Resp: 233  
Ion Ratio Lower Upper  
330 100  
332 31.3 77.1 115.7#  
141 0.0 27.0 40.4#





#43

2,4,6-Trichlorophenol

Concen: 60.306 ng

RT: 9.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

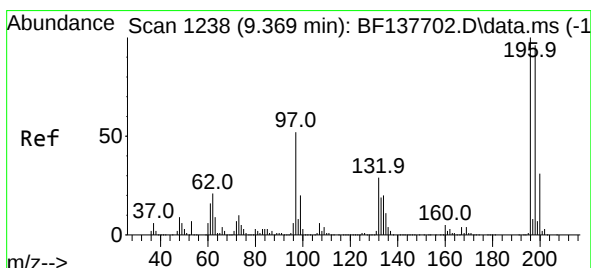
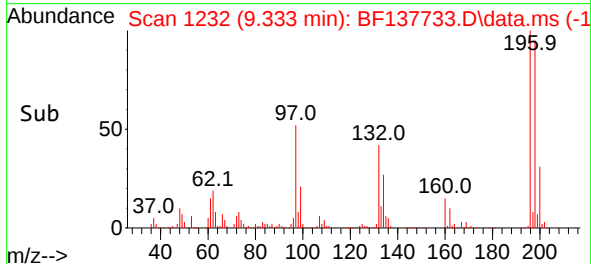
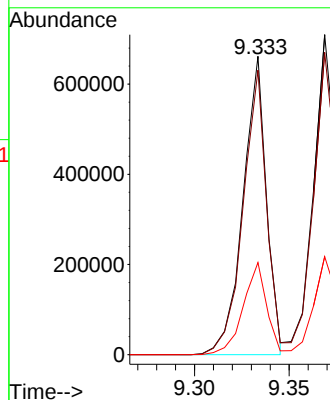
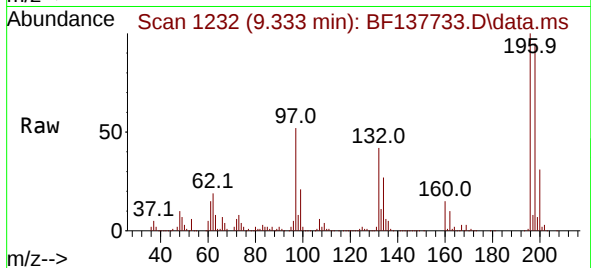
Tgt Ion:196 Resp: 569698

Ion Ratio Lower Upper

196 100

198 95.3 77.8 116.6

200 30.9 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 55.618 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Tgt Ion:196 Resp: 602145

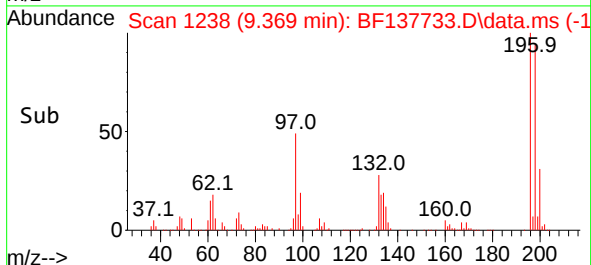
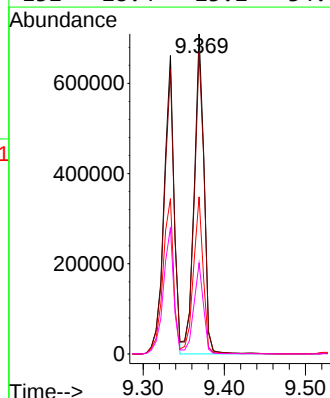
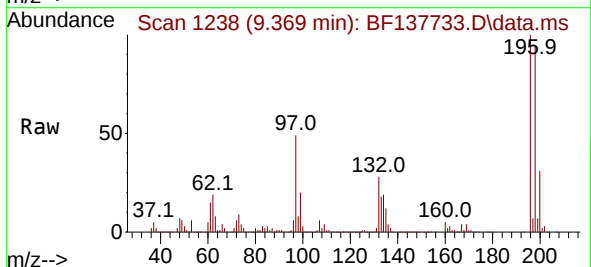
Ion Ratio Lower Upper

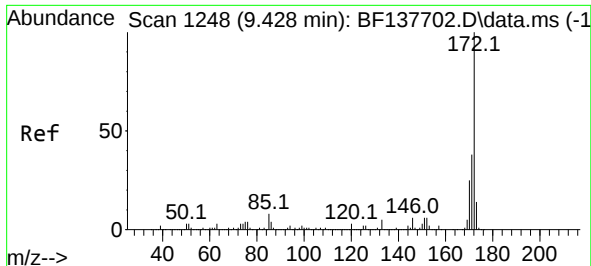
196 100

198 94.5 77.2 115.8

97 49.1 41.8 62.8

132 28.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 0.002 ng

RT: 9.457 min Scan# 1253

Delta R.T. 0.029 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

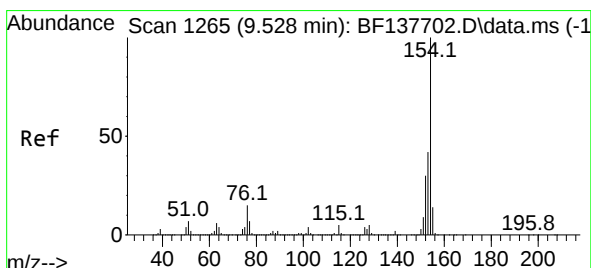
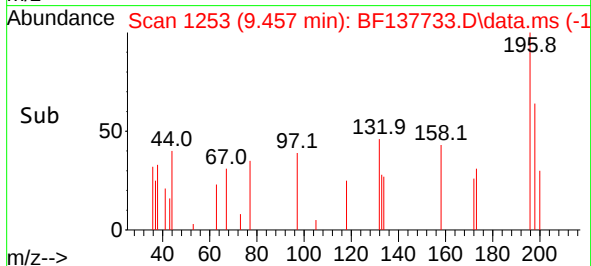
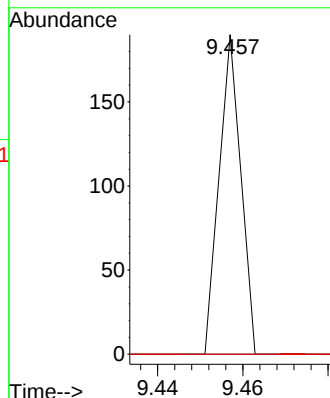
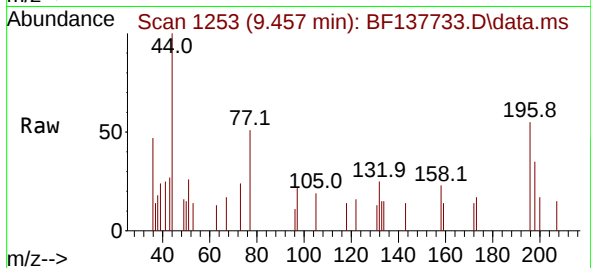
Tgt Ion:172 Resp: 67

Ion Ratio Lower Upper

172 100

171 0.0 30.2 45.4#

170 0.0 20.2 30.4#



#46

1,1'-Biphenyl

Concen: 58.659 ng

RT: 9.528 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

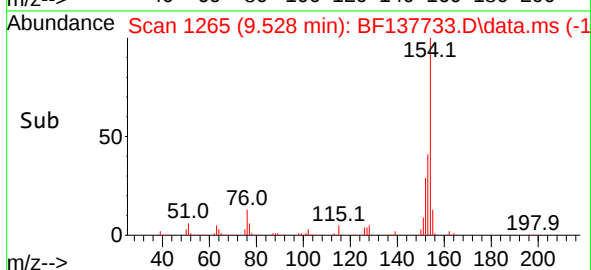
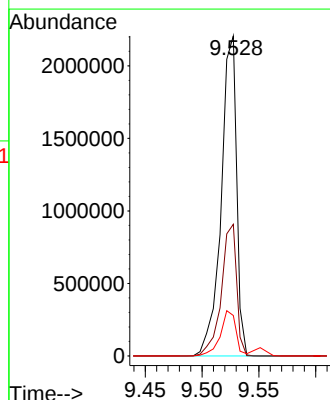
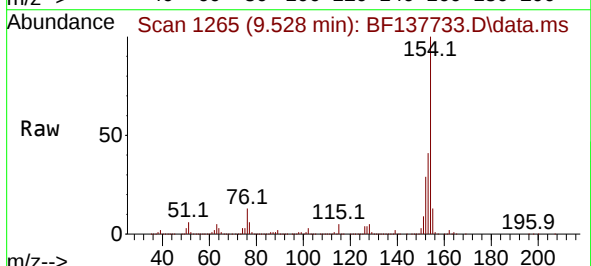
Tgt Ion:154 Resp: 2096058

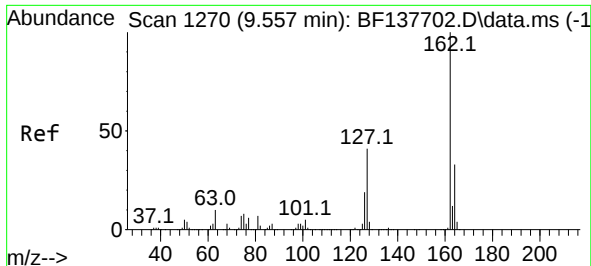
Ion Ratio Lower Upper

154 100

153 41.1 21.9 61.9

76 12.6 0.0 35.3





#47

2-Chloronaphthalene

Concen: 59.710 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

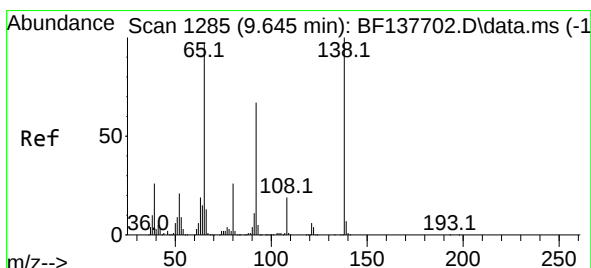
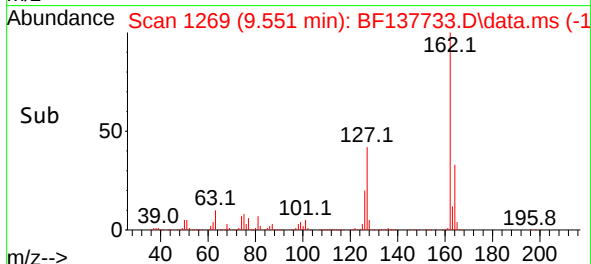
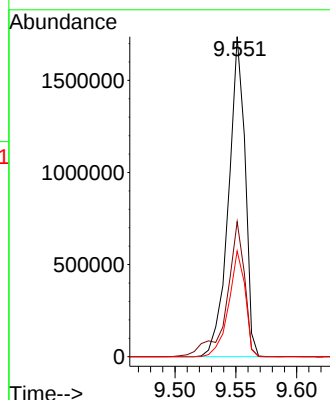
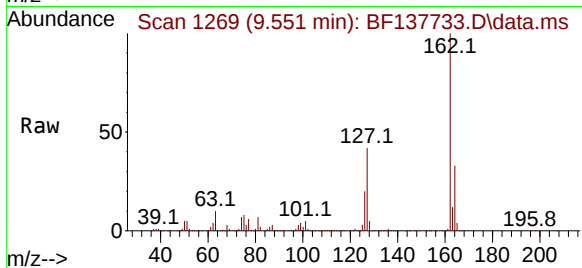
Tgt Ion:162 Resp: 1644714

Ion Ratio Lower Upper

162 100

127 42.2 33.1 49.7

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 60.405 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

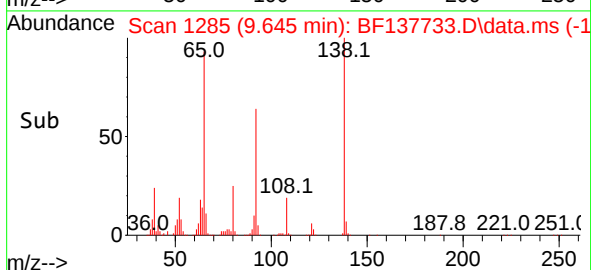
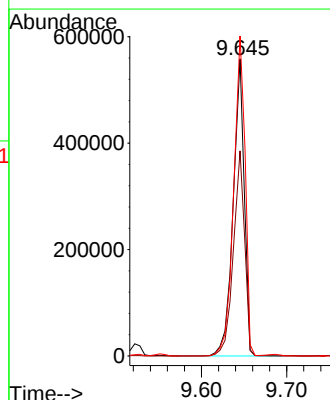
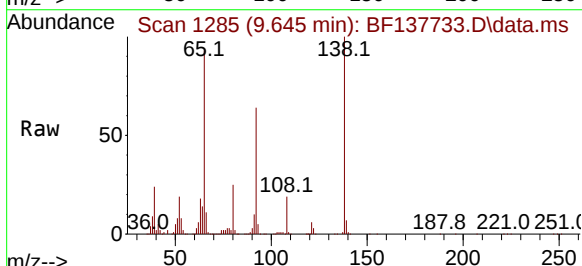
Tgt Ion: 65 Resp: 507014

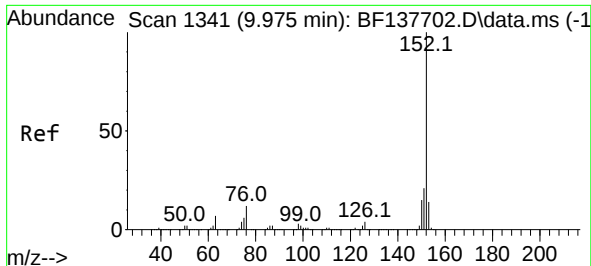
Ion Ratio Lower Upper

65 100

92 69.0 54.9 82.3

138 107.7 82.4 123.6





#49

Acenaphthylene

Concen: 60.129 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

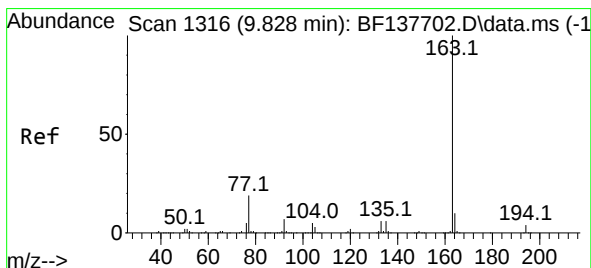
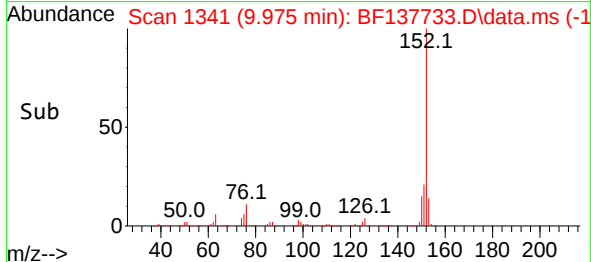
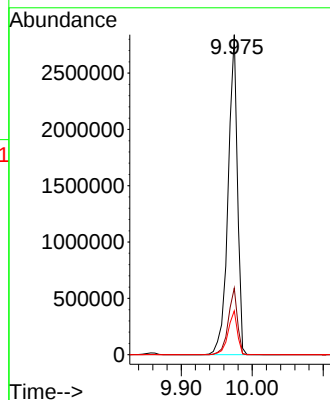
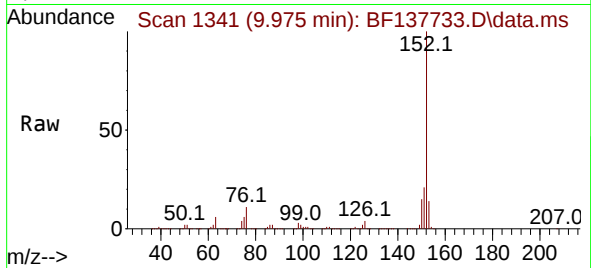
Tgt Ion:152 Resp: 2582871

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 56.969 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

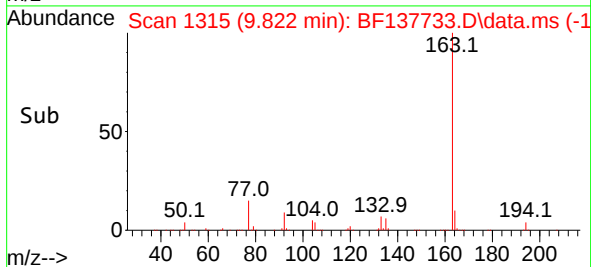
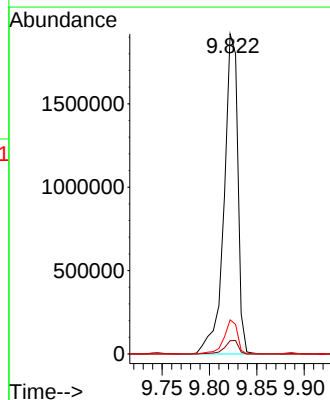
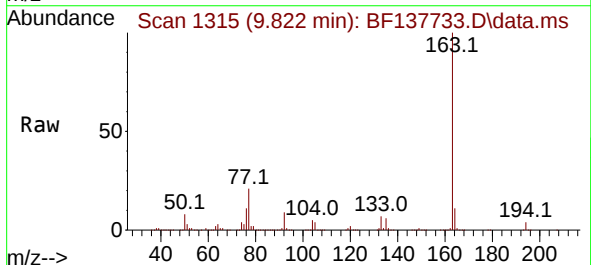
Tgt Ion:163 Resp: 1949583

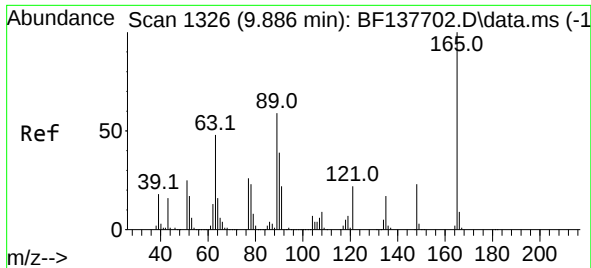
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.7 8.2 12.2

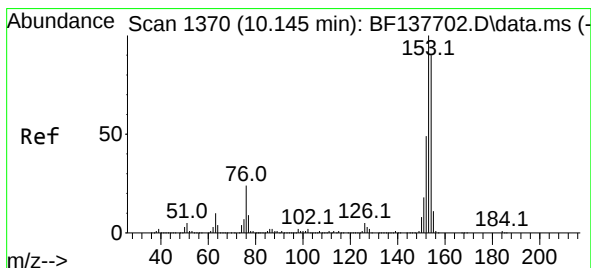
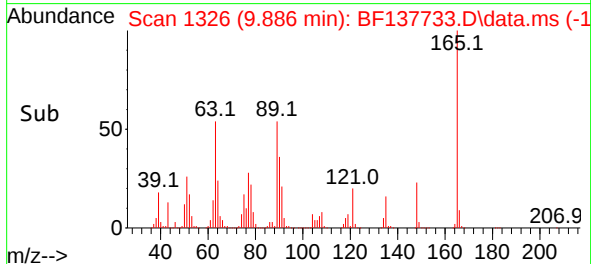
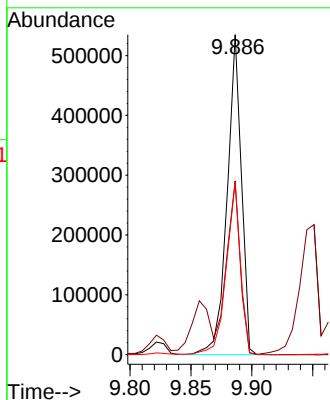
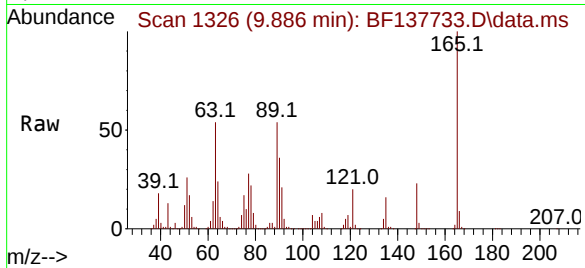




#51  
2,6-Dinitrotoluene  
Concen: 60.584 ng  
RT: 9.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

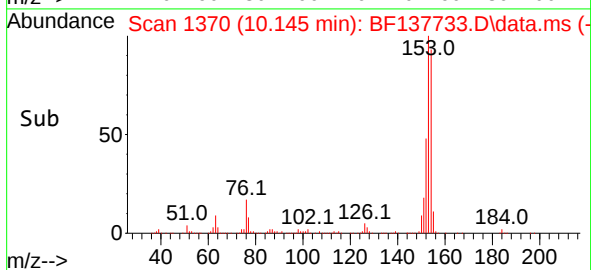
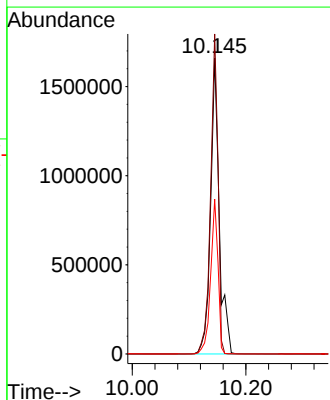
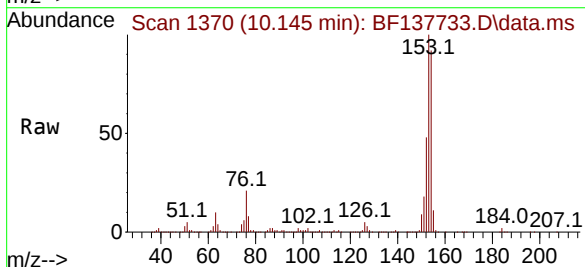
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

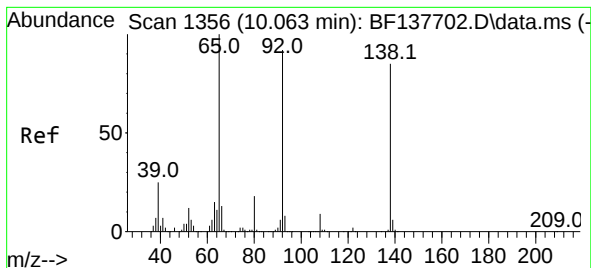
Tgt Ion:165 Resp: 436835  
Ion Ratio Lower Upper  
165 100  
63 54.3 47.7 71.5  
89 53.9 47.3 70.9



#52  
Acenaphthene  
Concen: 62.974 ng  
RT: 10.145 min Scan# 1370  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:154 Resp: 1751560  
Ion Ratio Lower Upper  
154 100  
153 108.1 88.5 132.7  
152 52.3 43.3 64.9

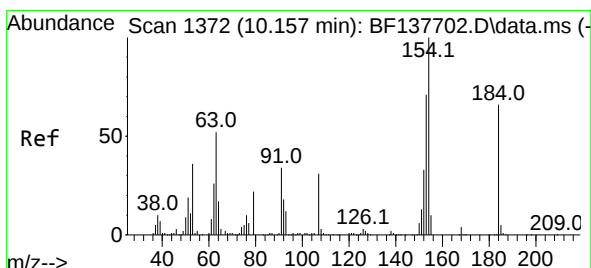
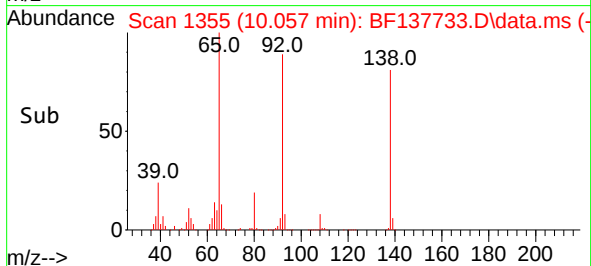
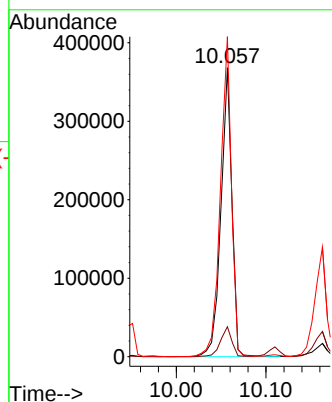
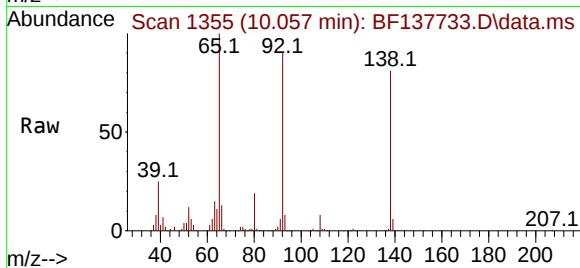




#53  
3-Nitroaniline  
Concen: 38.546 ng  
RT: 10.057 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

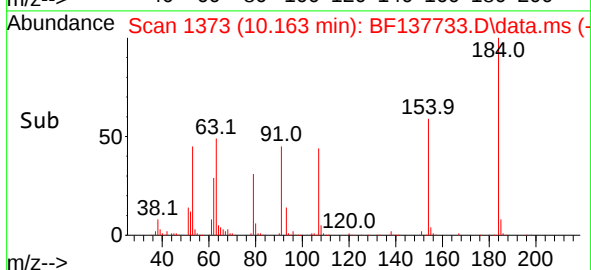
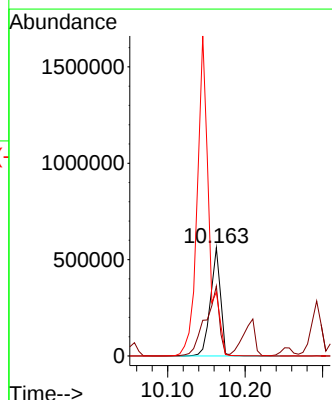
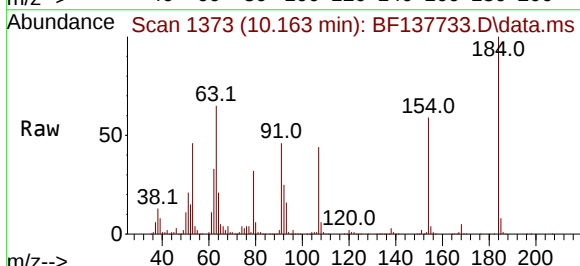
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

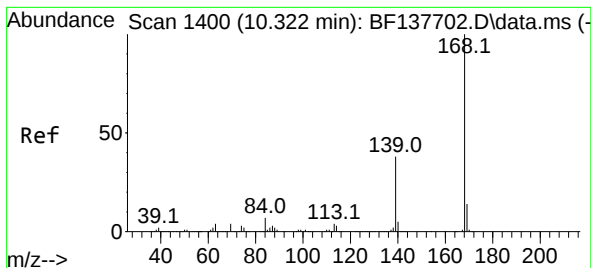
Tgt Ion:138 Resp: 312335  
Ion Ratio Lower Upper  
138 100  
108 10.3 8.3 12.5  
92 110.8 86.9 130.3



#54  
2,4-Dinitrophenol  
Concen: 128.297 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. 0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:184 Resp: 505403  
Ion Ratio Lower Upper  
184 100  
63 64.7 63.5 95.3  
154 59.0 123.0 184.6#





#55

Dibenzenofuran

Concen: 57.491 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

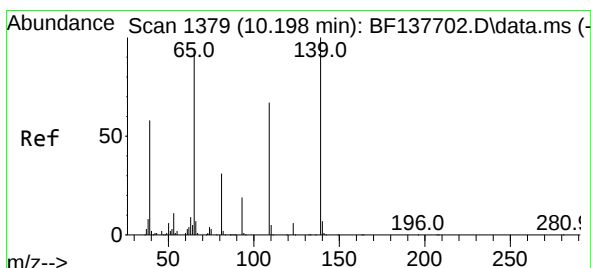
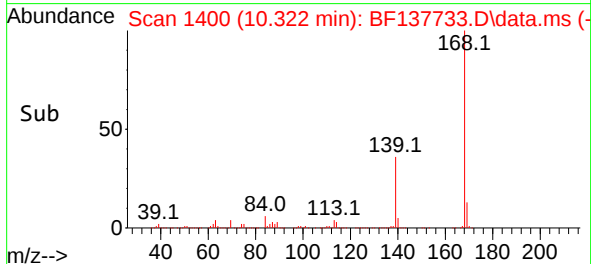
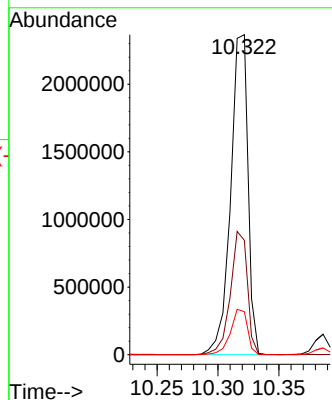
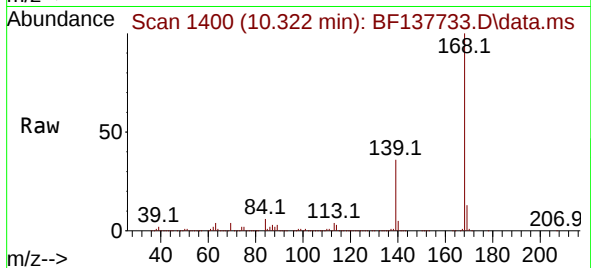
Tgt Ion:168 Resp: 2344015

Ion Ratio Lower Upper

168 100

139 35.7 30.1 45.1

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 119.557 ng

RT: 10.210 min Scan# 1381

Delta R.T. 0.012 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

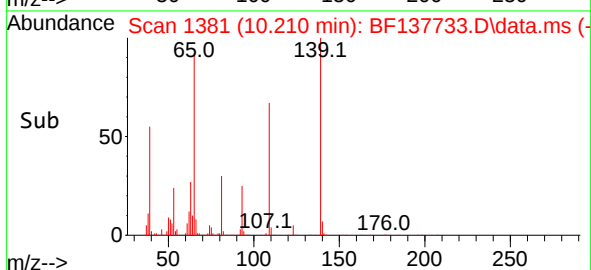
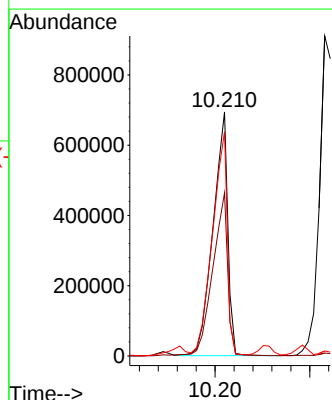
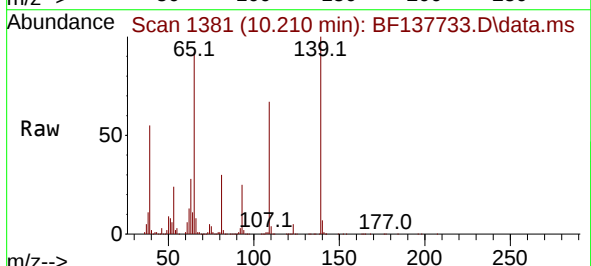
Tgt Ion:139 Resp: 753384

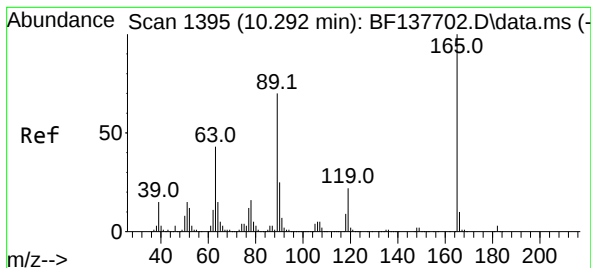
Ion Ratio Lower Upper

139 100

109 66.8 46.9 86.9

65 91.9 75.8 115.8

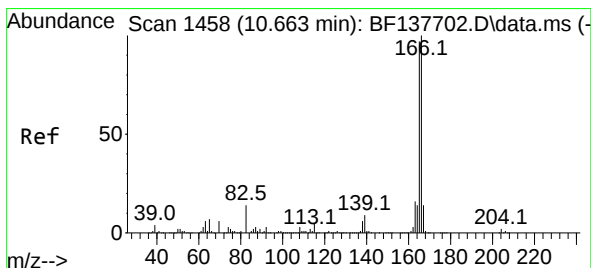
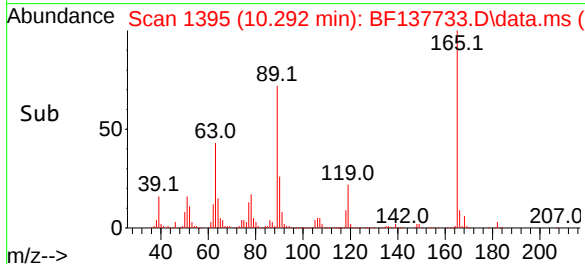
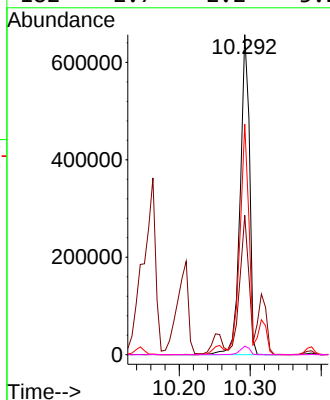
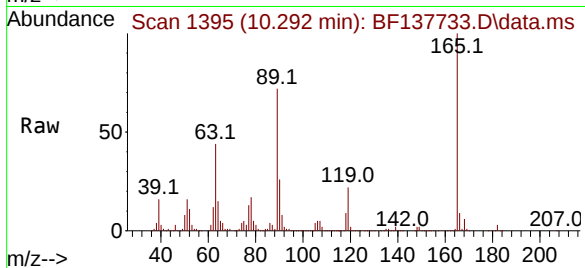




#57  
2,4-Dinitrotoluene  
Concen: 66.024 ng  
RT: 10.292 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

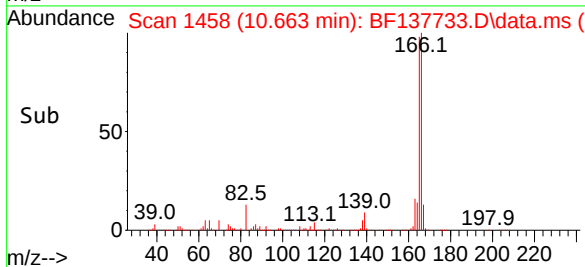
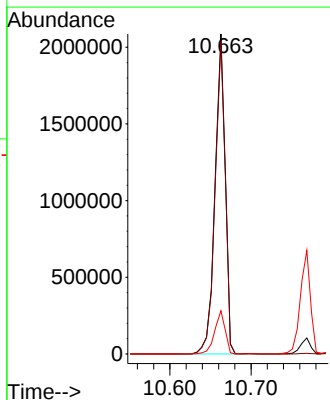
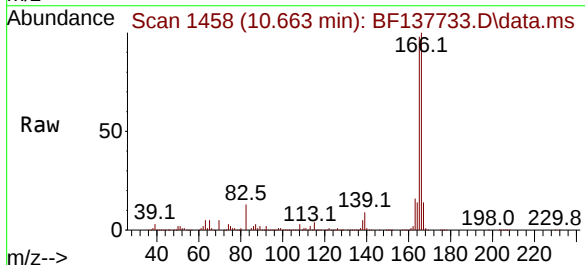
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

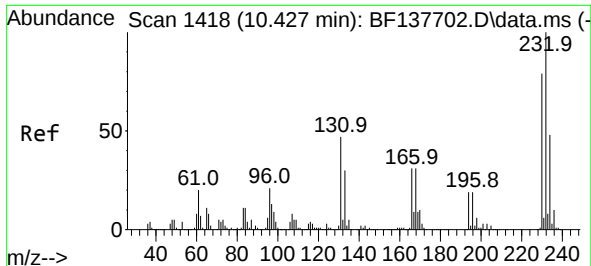
Tgt Ion:165 Resp: 600167  
Ion Ratio Lower Upper  
165 100  
63 43.5 34.1 51.1  
89 72.1 56.4 84.6  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 57.250 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:166 Resp: 1823867  
Ion Ratio Lower Upper  
166 100  
165 97.6 77.8 116.6  
167 13.5 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.213 ng

RT: 10.428 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

Tgt Ion:232 Resp: 504780

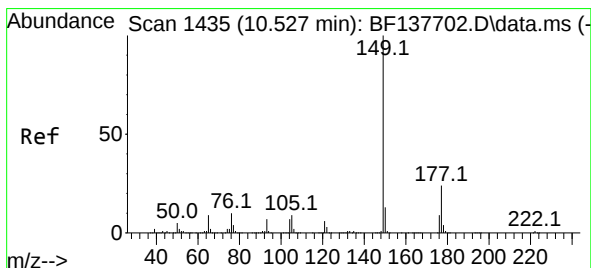
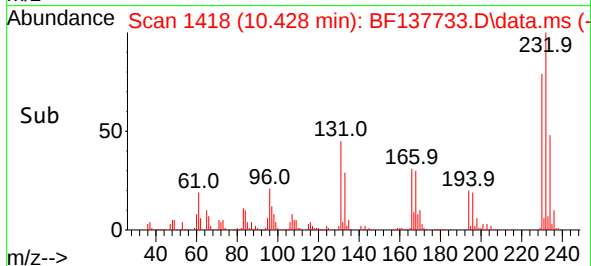
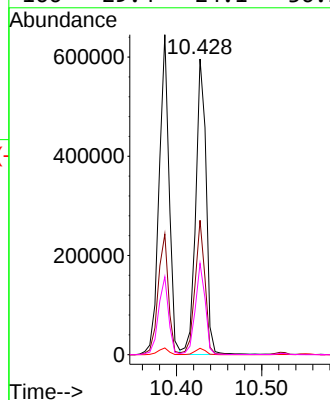
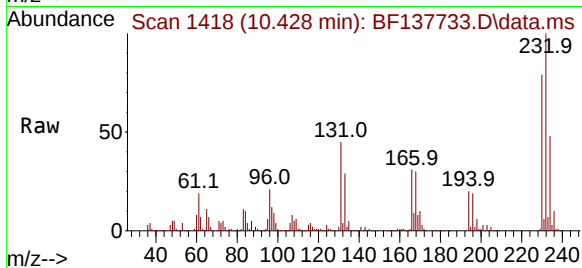
Ion Ratio Lower Upper

232 100

131 43.2 36.4 54.6

130 2.2 1.8 2.6

166 29.4 24.1 36.1



#60

Diethylphthalate

Concen: 55.850 ng

RT: 10.522 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

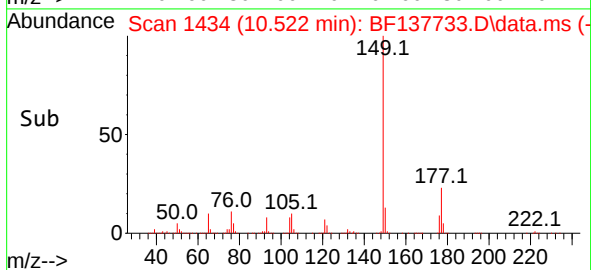
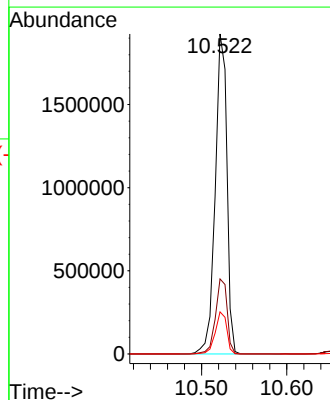
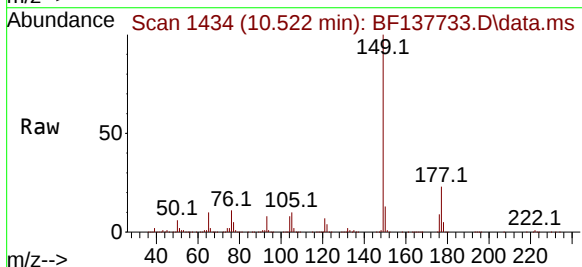
Tgt Ion:149 Resp: 1838340

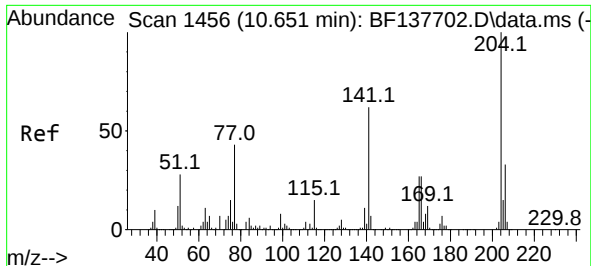
Ion Ratio Lower Upper

149 100

177 23.4 19.0 28.4

150 13.2 10.2 15.2

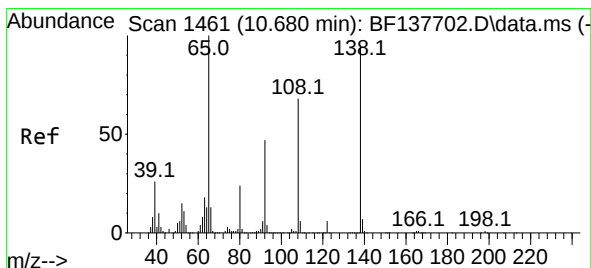
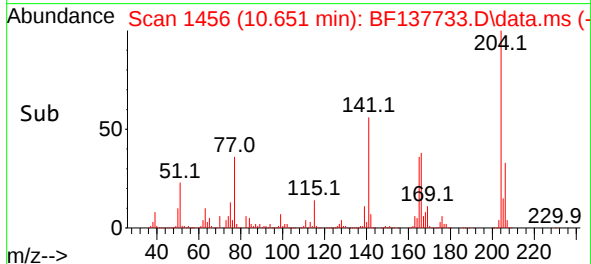
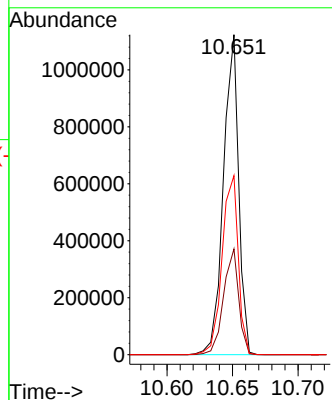
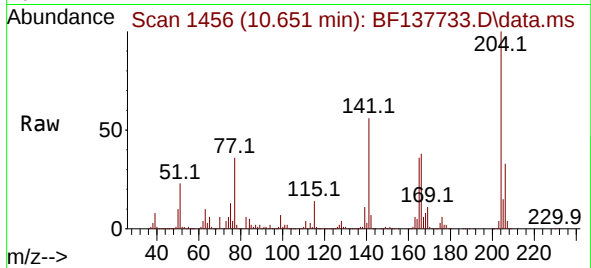




#61  
4-Chlorophenyl-phenylether  
Concen: 57.455 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

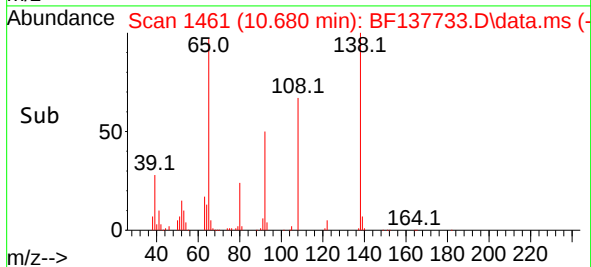
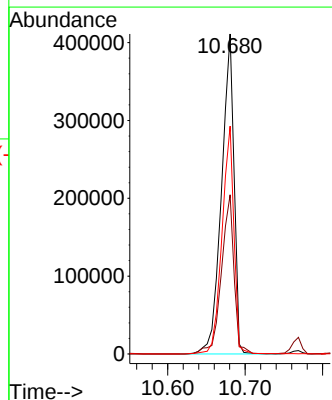
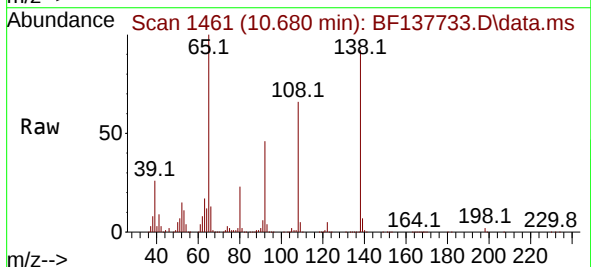
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

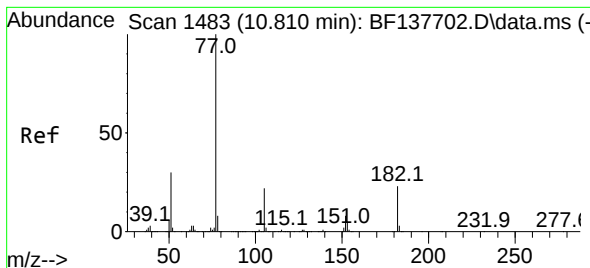
Tgt Ion:204 Resp: 904415  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.3 39.5  
141 55.9 49.4 74.2



#62  
4-Nitroaniline  
Concen: 59.822 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:138 Resp: 461703  
Ion Ratio Lower Upper  
138 100  
92 49.8 29.8 69.8  
108 71.2 51.1 91.1





#63

Azobenzene

Concen: 55.427 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

Tgt Ion: 77 Resp: 1869510

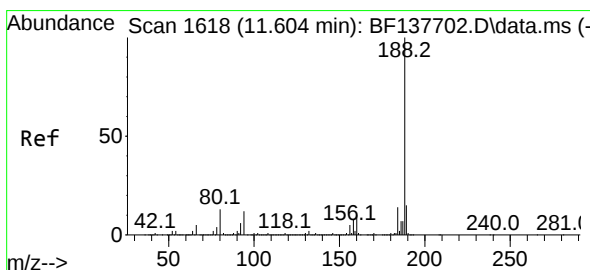
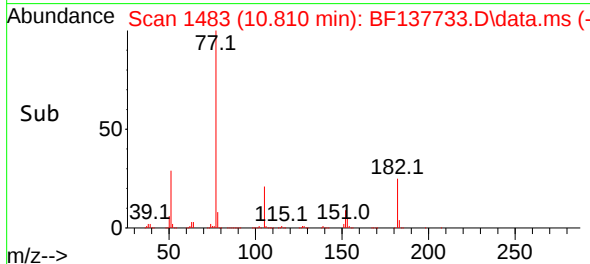
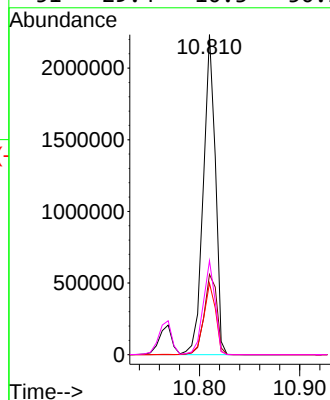
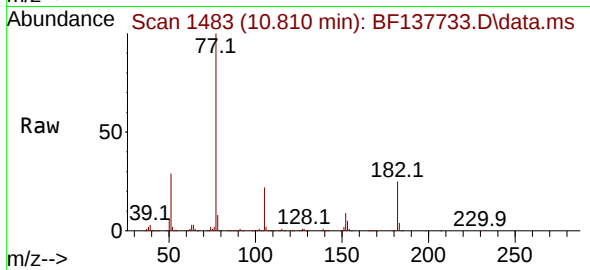
Ion Ratio Lower Upper

77 100

182 25.1 3.1 43.1

105 22.4 1.6 41.6

51 29.4 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

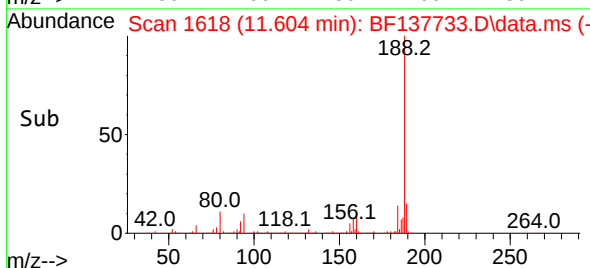
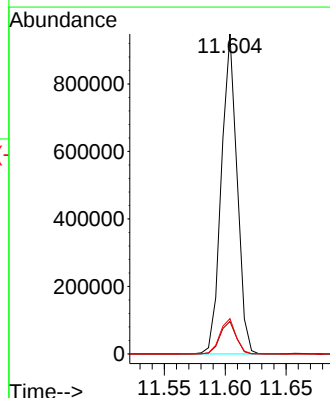
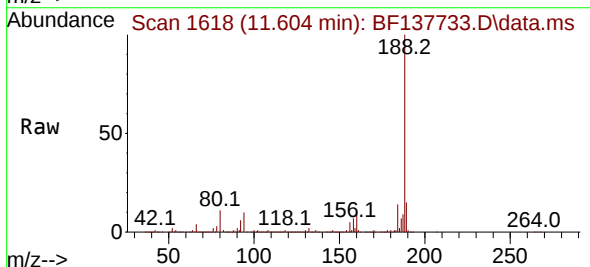
Tgt Ion: 188 Resp: 853405

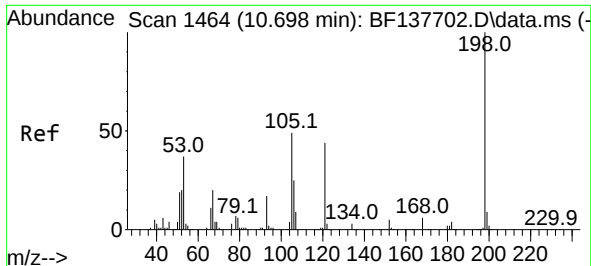
Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

80 11.0 10.2 15.4

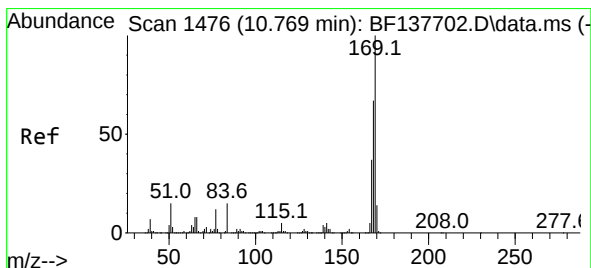
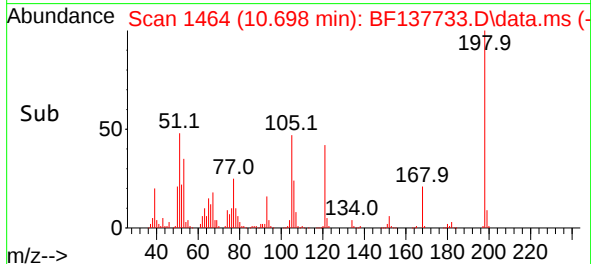
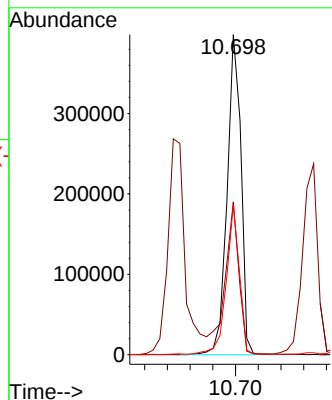
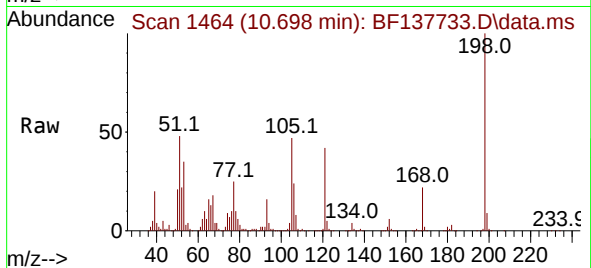




#65  
4,6-Dinitro-2-methylphenol  
Concen: 68.854 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

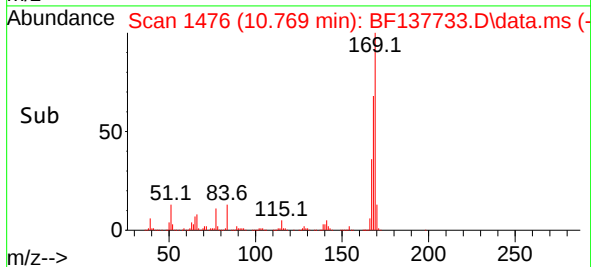
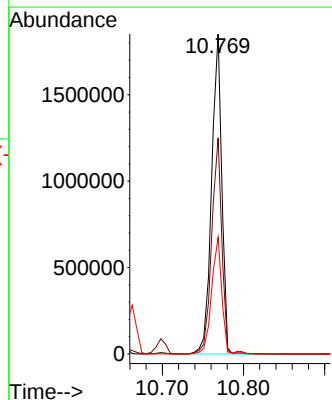
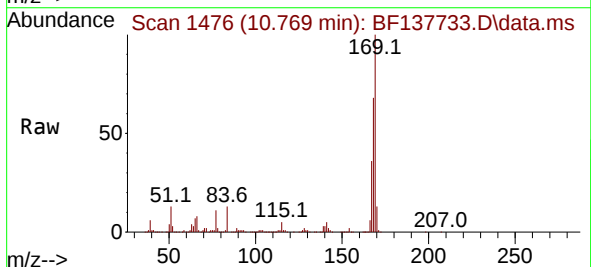
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

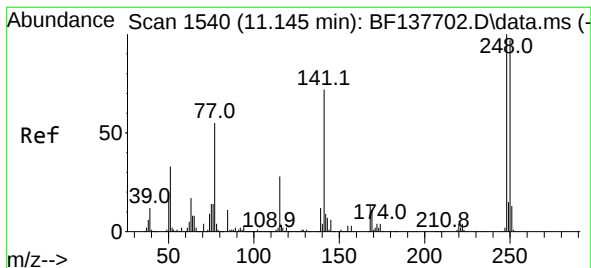
Tgt Ion:198 Resp: 336914  
Ion Ratio Lower Upper  
198 100  
51 47.7 33.5 73.5  
105 46.9 29.3 69.3



#66  
n-Nitrosodiphenylamine  
Concen: 55.499 ng  
RT: 10.769 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:169 Resp: 1604150  
Ion Ratio Lower Upper  
169 100  
168 67.6 53.4 80.2  
167 36.5 29.6 44.4

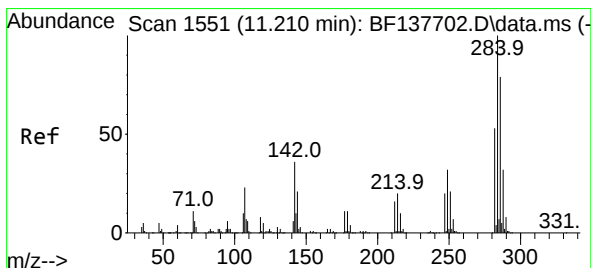
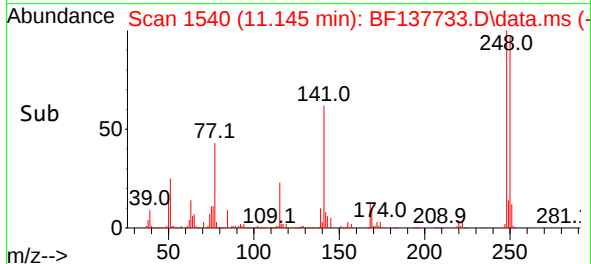
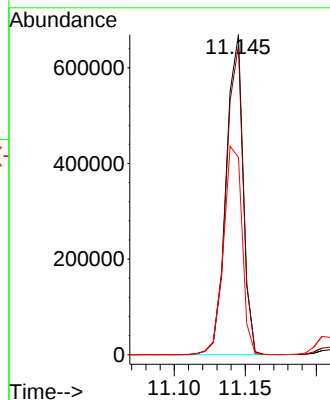
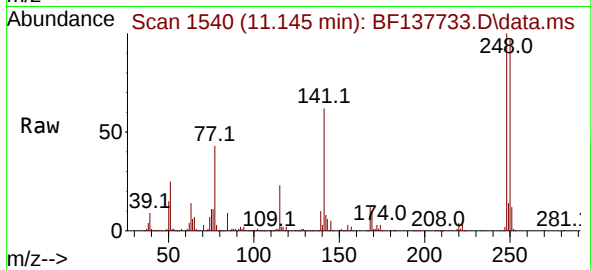




#67  
4-Bromophenyl-phenylether  
Concen: 56.492 ng  
RT: 11.145 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

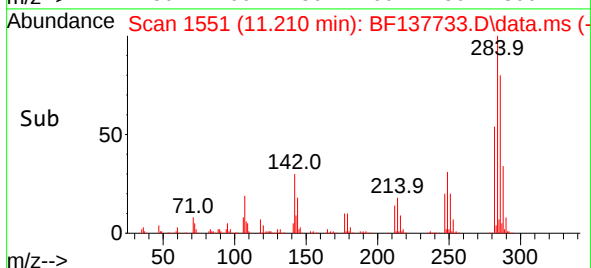
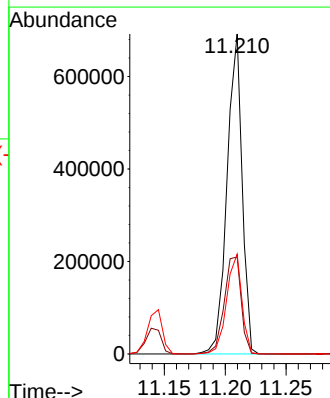
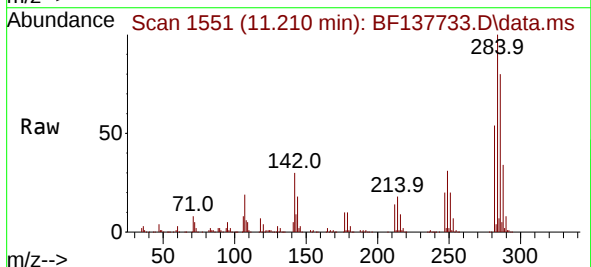
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

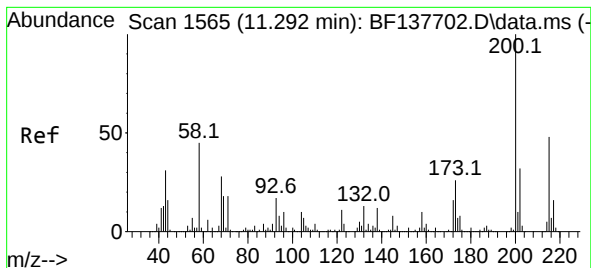
Tgt Ion:248 Resp: 558636  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.4 116.0  
141 61.7 57.9 86.9



#68  
Hexachlorobenzene  
Concen: 62.014 ng  
RT: 11.210 min Scan# 1551  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:284 Resp: 597431  
Ion Ratio Lower Upper  
284 100  
142 30.3 28.5 42.7  
249 31.2 25.6 38.4





#69

Atrazine

Concen: 68.937 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

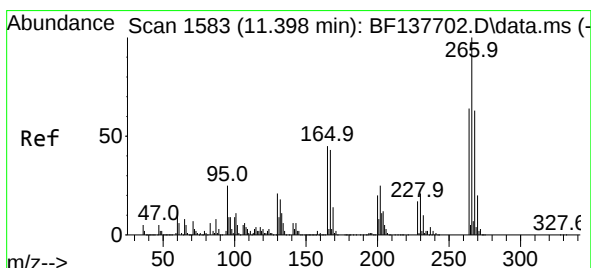
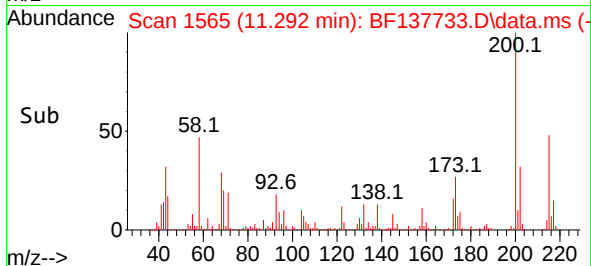
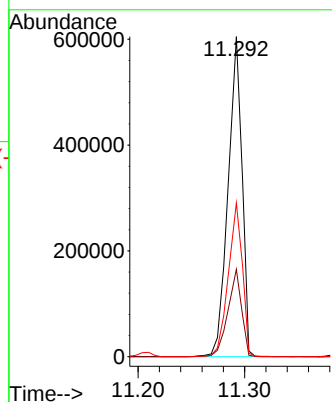
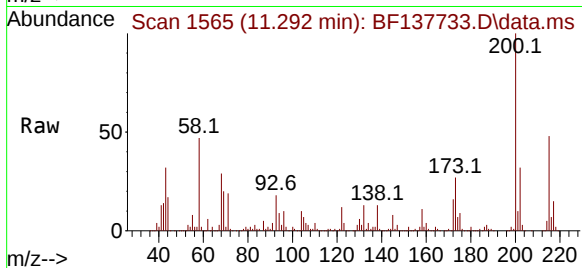
Tgt Ion:200 Resp: 550806

Ion Ratio Lower Upper

200 100

173 27.3 6.3 46.3

215 48.0 28.0 68.0



#70

Pentachlorophenol

Concen: 108.164 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

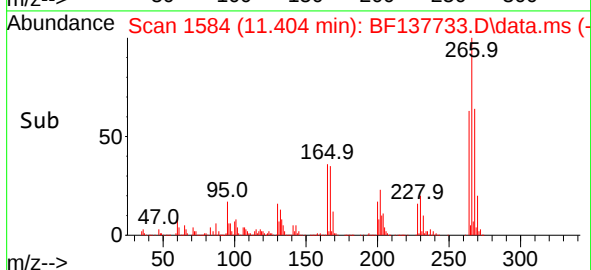
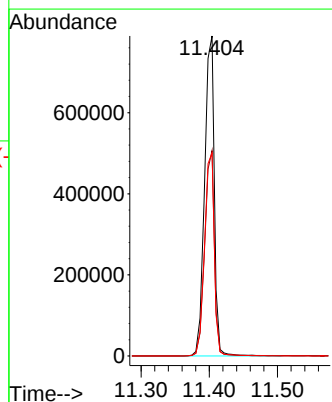
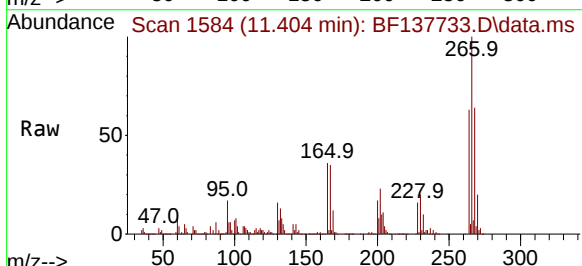
Tgt Ion:266 Resp: 783851

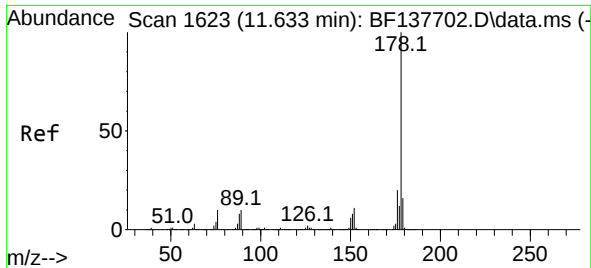
Ion Ratio Lower Upper

266 100

268 64.2 50.4 75.6

264 63.4 51.4 77.0

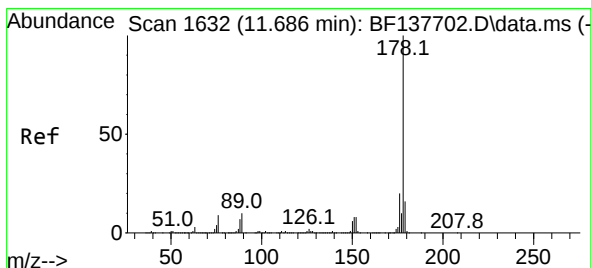
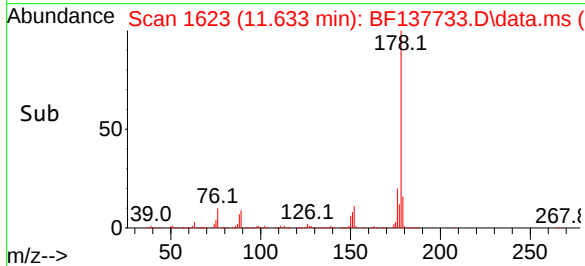
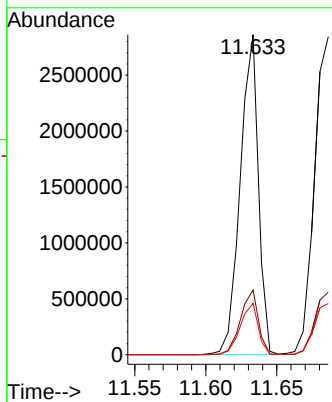
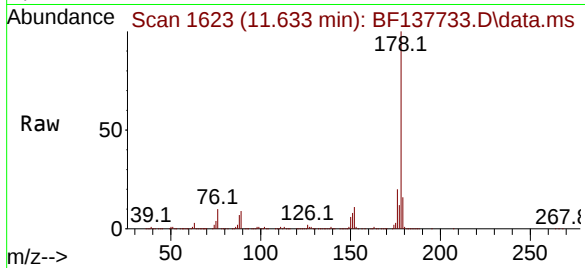




#71  
Phenanthrene  
Concen: 56.403 ng  
RT: 11.633 min Scan# 1623  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

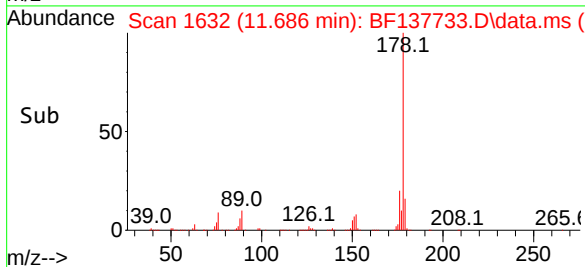
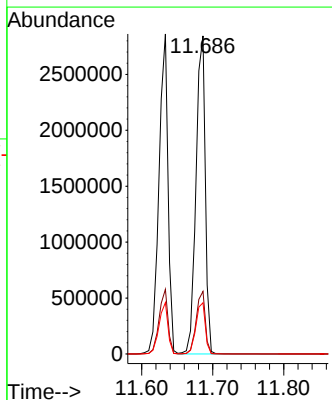
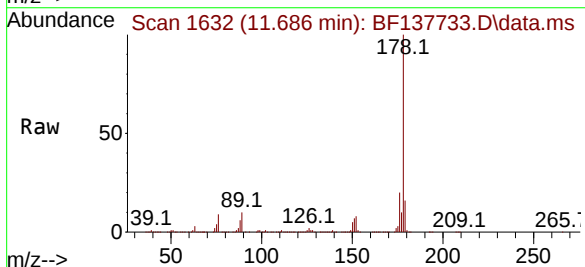
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

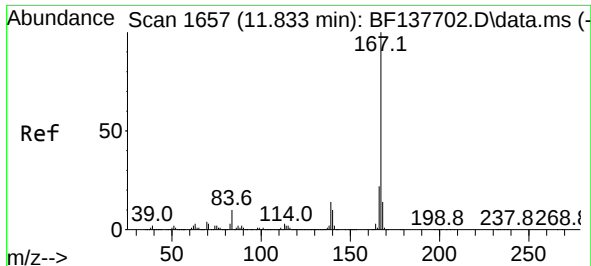
Tgt Ion:178 Resp: 2548021  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.4 24.6  
179 16.1 12.8 19.2



#72  
Anthracene  
Concen: 56.295 ng  
RT: 11.686 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:178 Resp: 2604145  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.8 23.8  
179 16.1 13.0 19.6

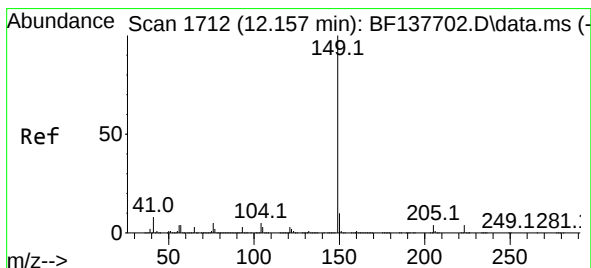
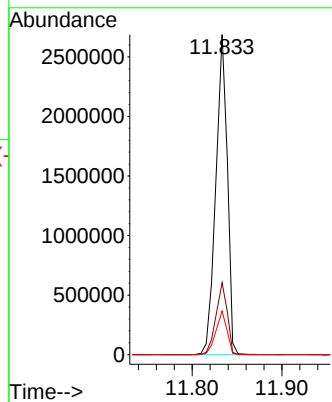
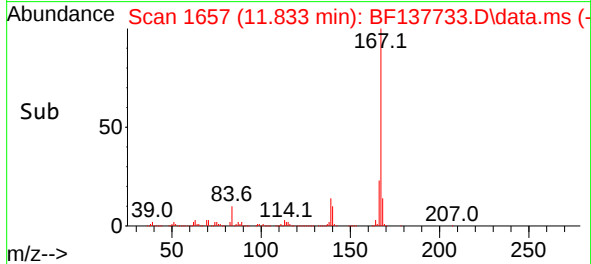
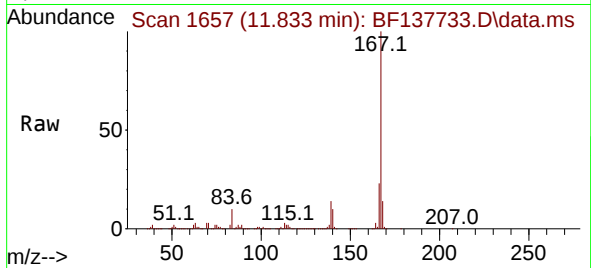




#73  
 Carbazole  
 Concen: 57.189 ng  
 RT: 11.833 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: BF137733.D  
 Acq: 26 Apr 2024 13:54

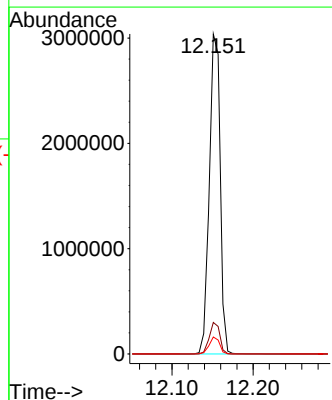
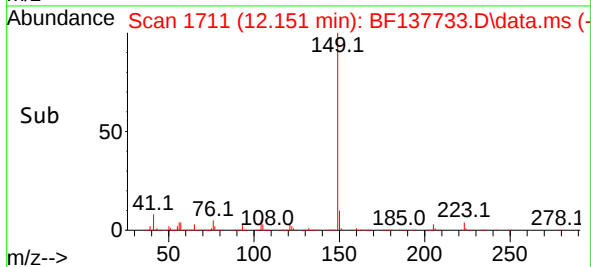
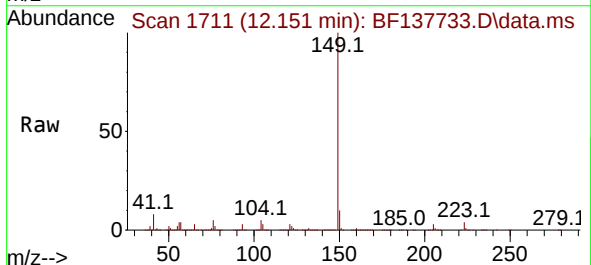
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP6478

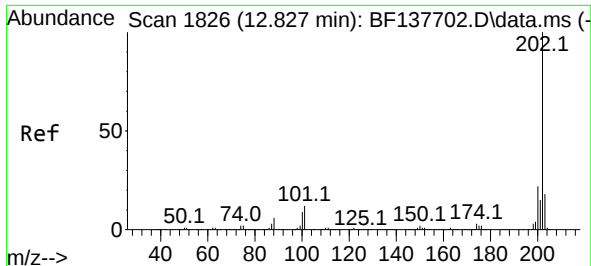
Tgt Ion:167 Resp: 2397511  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 17.5 26.3  
 139 13.7 10.9 16.3



#74  
 Di-n-butylphthalate  
 Concen: 54.932 ng  
 RT: 12.151 min Scan# 1711  
 Delta R.T. -0.006 min  
 Lab File: BF137733.D  
 Acq: 26 Apr 2024 13:54

Tgt Ion:149 Resp: 2807311  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.8 11.6  
 104 5.3 4.2 6.4

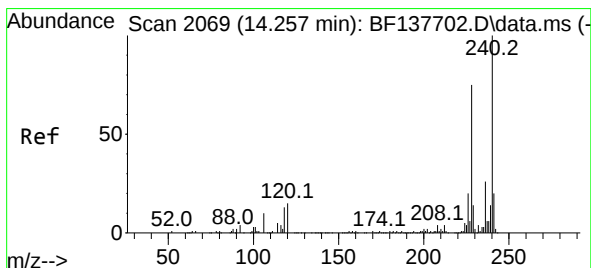
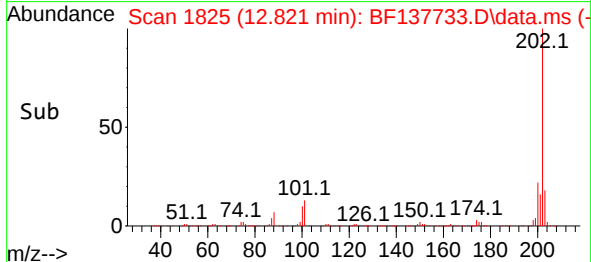
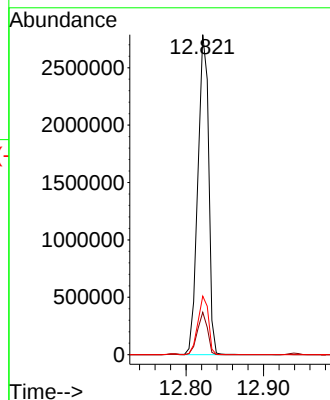
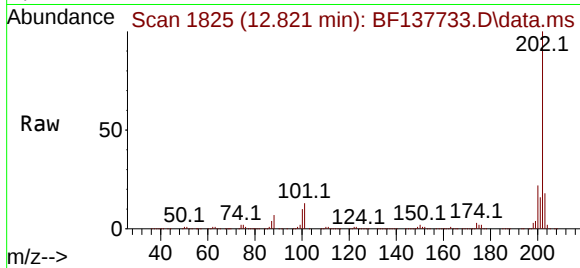




#75  
Fluoranthene  
Concen: 56.722 ng  
RT: 12.821 min Scan# 1825  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

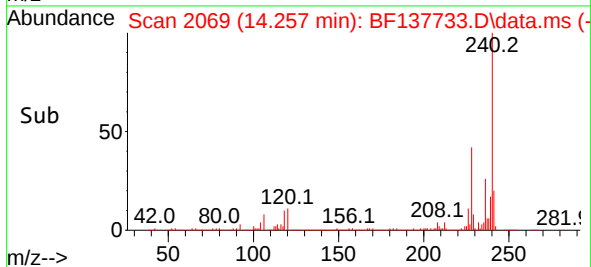
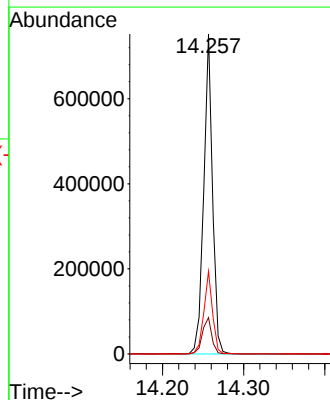
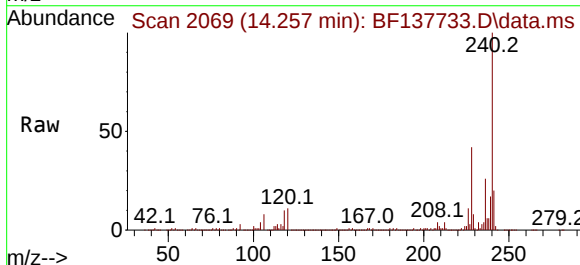
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

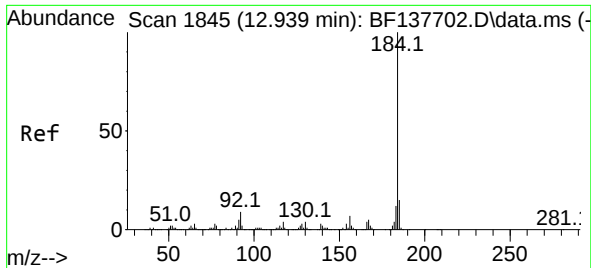
Tgt Ion:202 Resp: 2693385  
Ion Ratio Lower Upper  
202 100  
101 13.3 0.0 32.2  
203 18.3 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.257 min Scan# 2069  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:240 Resp: 565305  
Ion Ratio Lower Upper  
240 100  
120 11.4 11.9 17.9#  
236 25.9 20.8 31.2

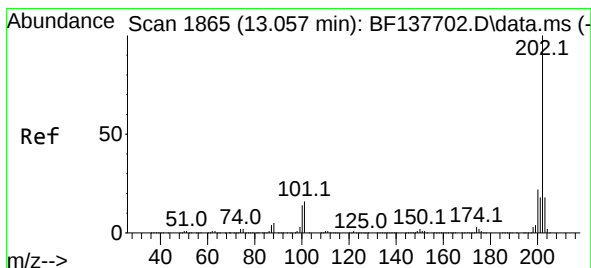
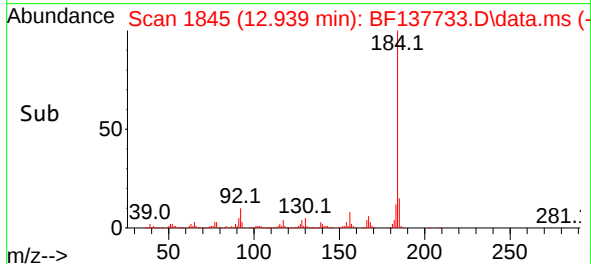
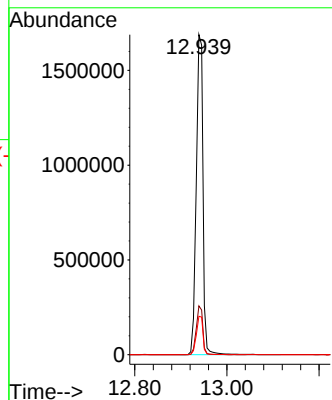
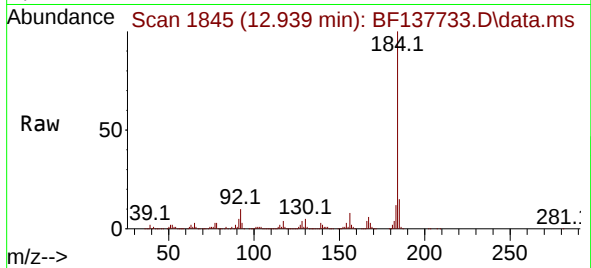




#77  
Benzidine  
Concen: 128.275 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

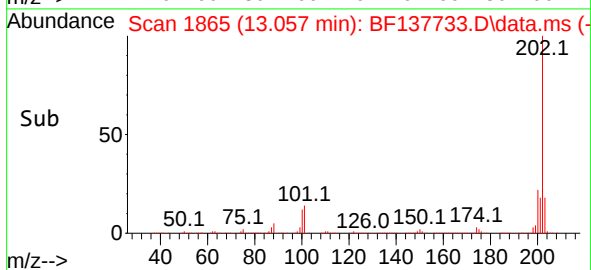
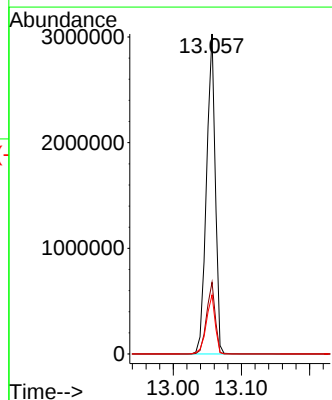
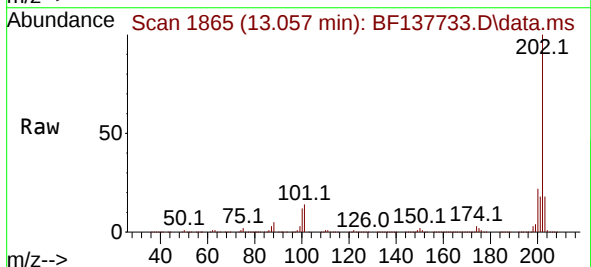
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

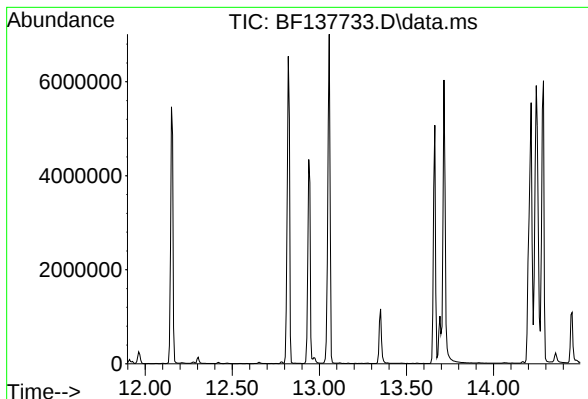
Tgt Ion:184 Resp: 1693697  
Ion Ratio Lower Upper  
184 100  
185 15.3 12.2 18.4  
183 12.0 9.4 14.0



#78  
Pyrene  
Concen: 58.558 ng  
RT: 13.057 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:202 Resp: 2717076  
Ion Ratio Lower Upper  
202 100  
200 22.4 17.8 26.6  
203 18.4 14.6 21.8



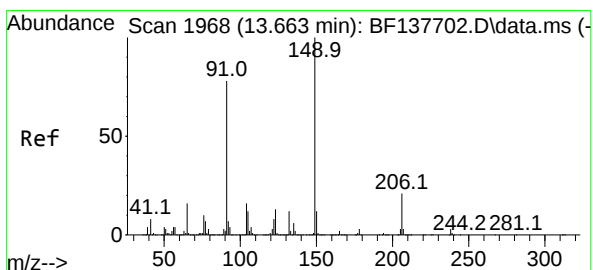
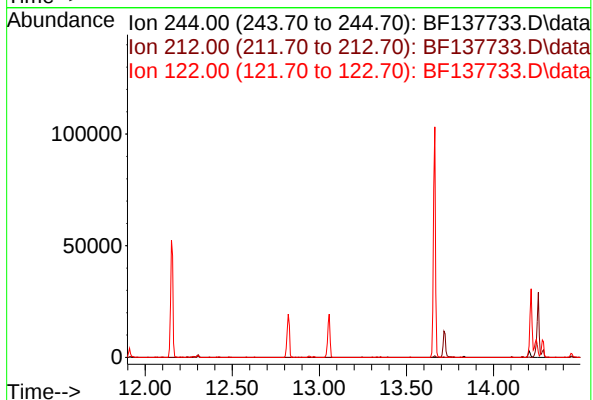


#79  
 Terphenyl-d14  
 Concen: 0.000 ng  
 Expected RT: 13.20 min  
 Lab File: BF137733.D  
 Acq: 26 Apr 2024 13:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP6478

Tgt Ion: 244  

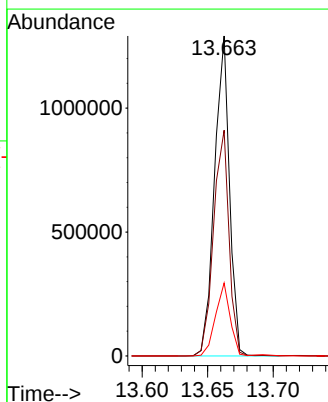
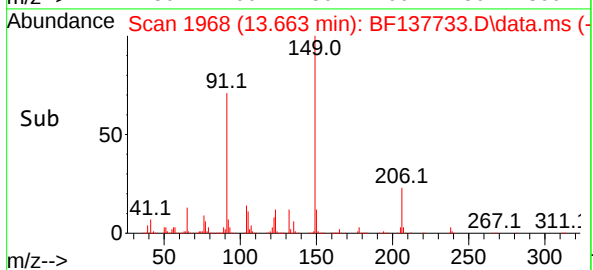
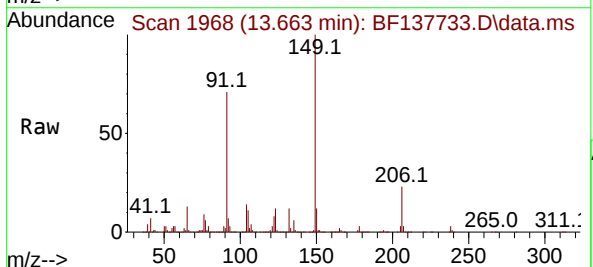
| Sig | Exp Ratio |
|-----|-----------|
| 244 | 100       |
| 212 | 6.9       |
| 122 | 11.0      |

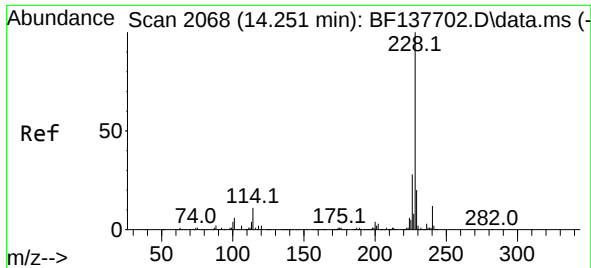


#80  
 Butylbenzylphthalate  
 Concen: 62.262 ng  
 RT: 13.663 min Scan# 1968  
 Delta R.T. 0.000 min  
 Lab File: BF137733.D  
 Acq: 26 Apr 2024 13:54

Tgt Ion: 149 Resp: 1024493  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 70.5  | 62.6  | 93.8  |
| 206 | 22.8  | 16.5  | 24.7  |

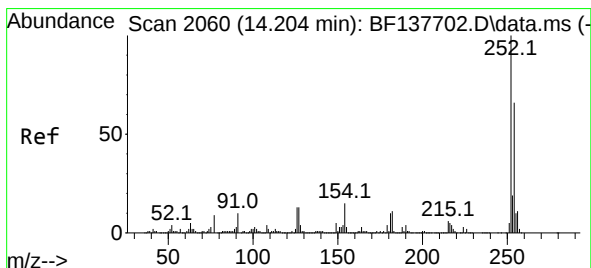
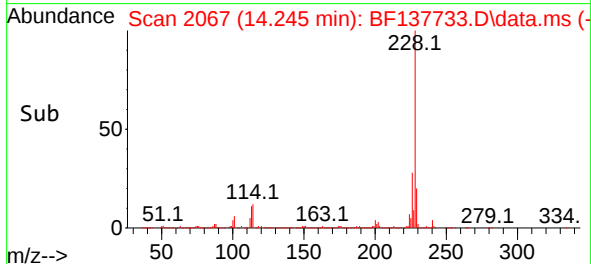
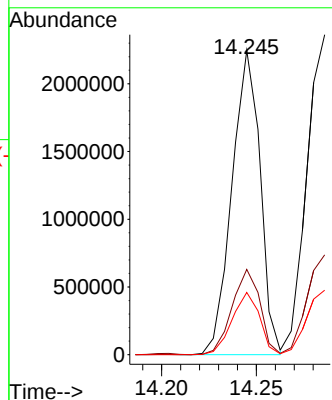
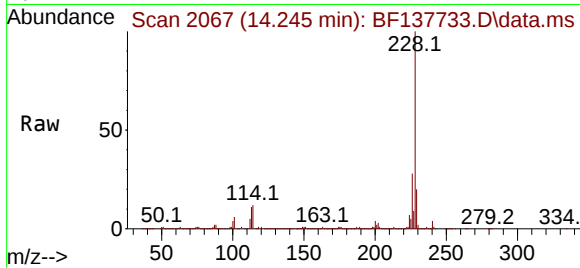




#81  
Benzo(a)anthracene  
Concen: 58.943 ng  
RT: 14.245 min Scan# 2067  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

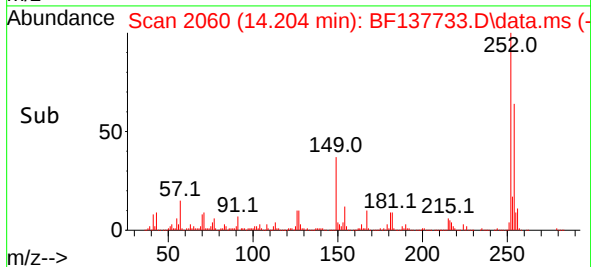
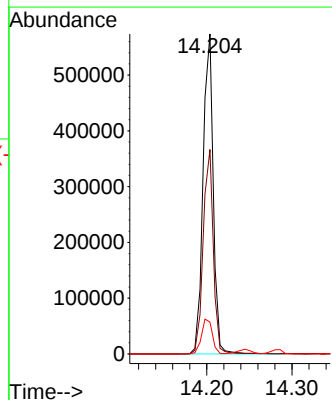
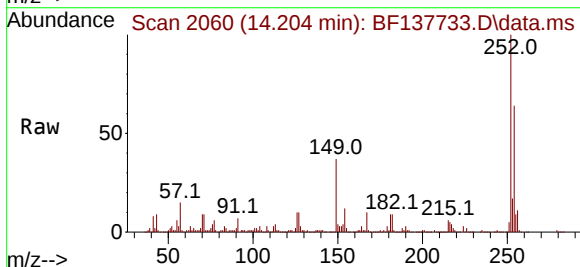
Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

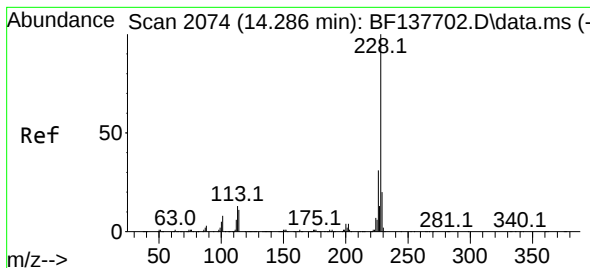
Tgt Ion:228 Resp: 2324057  
Ion Ratio Lower Upper  
228 100  
226 28.0 22.7 34.1  
229 20.4 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 39.101 ng  
RT: 14.204 min Scan# 2060  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:252 Resp: 477015  
Ion Ratio Lower Upper  
252 100  
254 63.9 52.6 79.0  
126 9.9 10.8 16.2#





#83

Chrysene

Concen: 58.553 ng

RT: 14.286 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

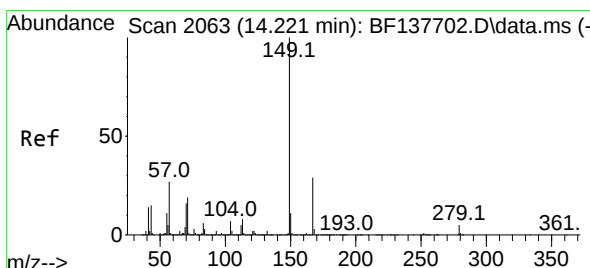
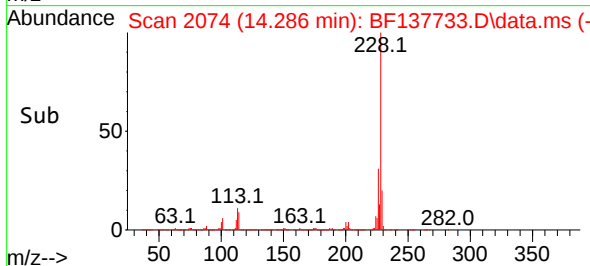
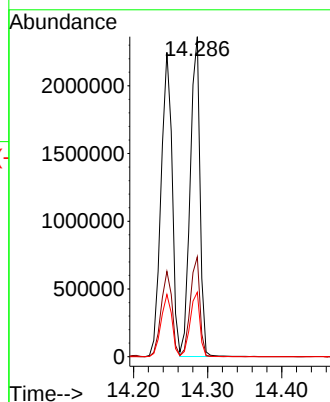
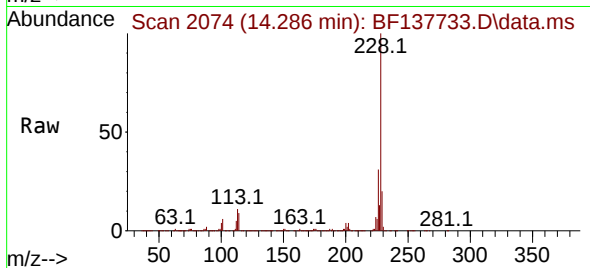
Tgt Ion:228 Resp: 2157138

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

229 20.2 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.162 ng

RT: 14.216 min Scan# 2062

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

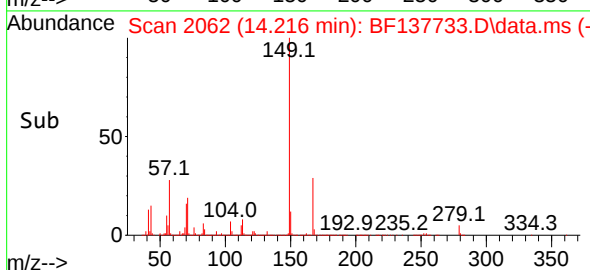
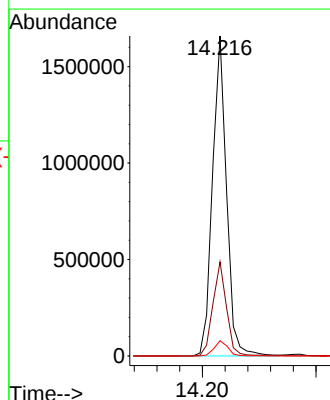
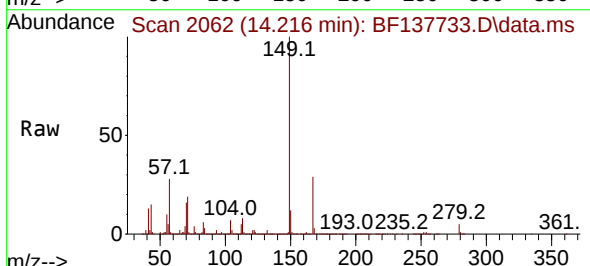
Tgt Ion:149 Resp: 1420455

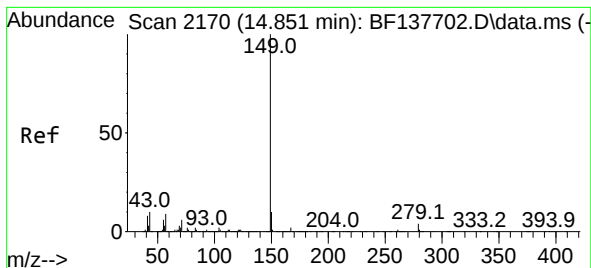
Ion Ratio Lower Upper

149 100

167 29.4 23.4 35.0

279 4.8 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 55.501 ng

RT: 14.845 min Scan# 2170

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

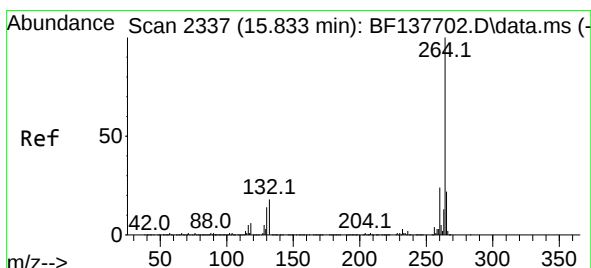
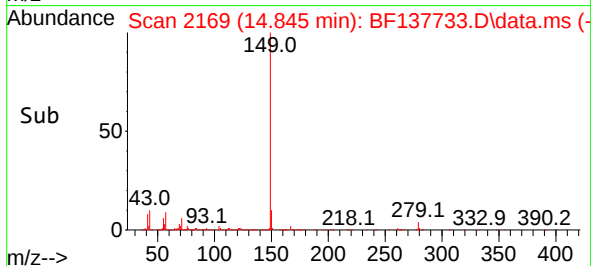
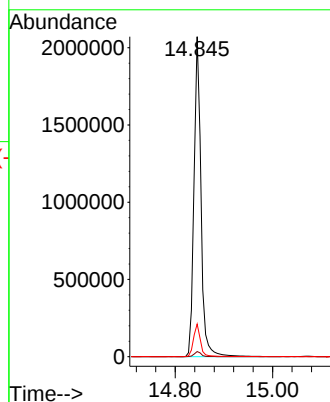
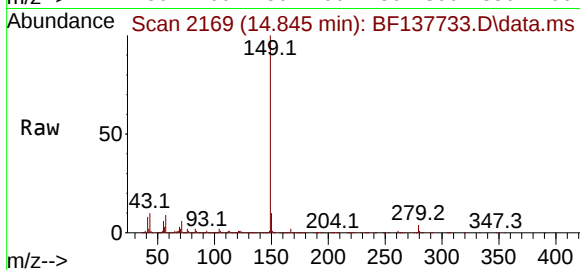
Tgt Ion:149 Resp: 2071659

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.1 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

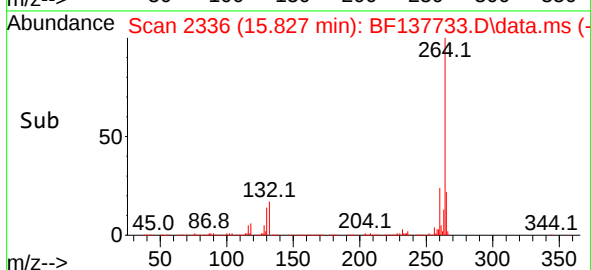
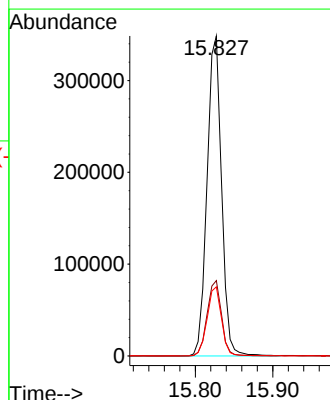
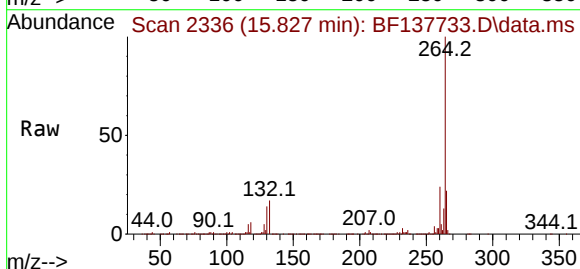
Tgt Ion:264 Resp: 452650

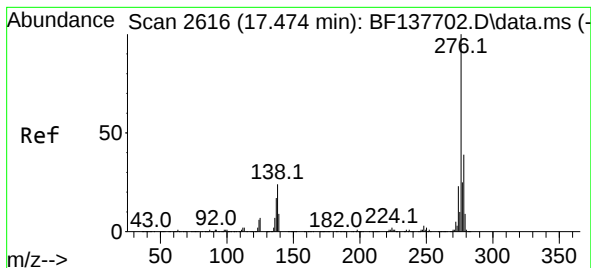
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 66.437 ng

RT: 17.468 min Scan# 2

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

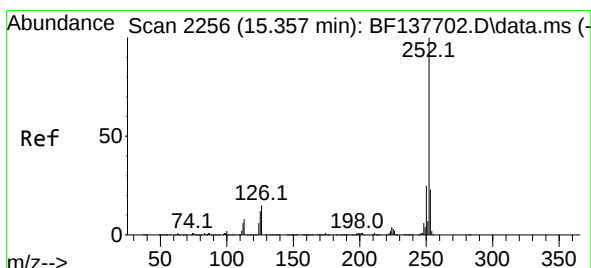
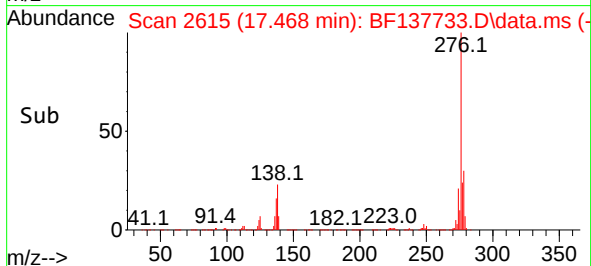
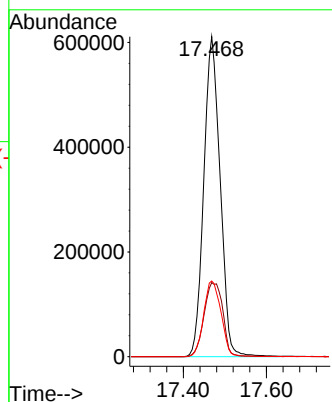
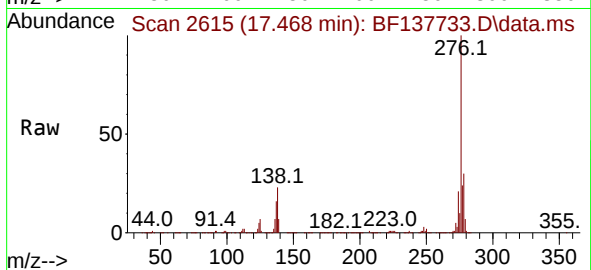
Tgt Ion:276 Resp: 1667465

Ion Ratio Lower Upper

276 100

138 26.6 22.3 33.5

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 62.279 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

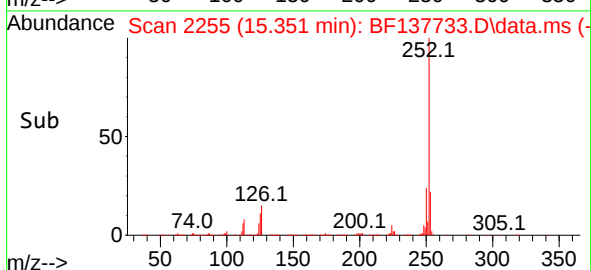
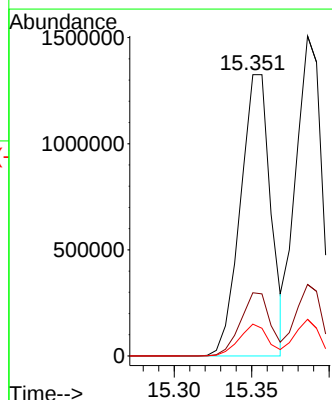
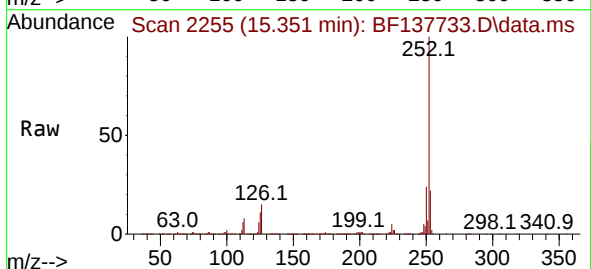
Tgt Ion:252 Resp: 1803948

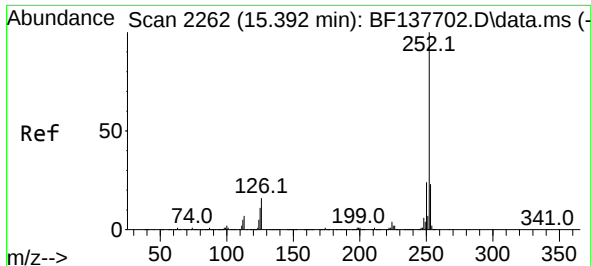
Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 11.3 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 62.374 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA\_F

ClientSampleId :

SP6478

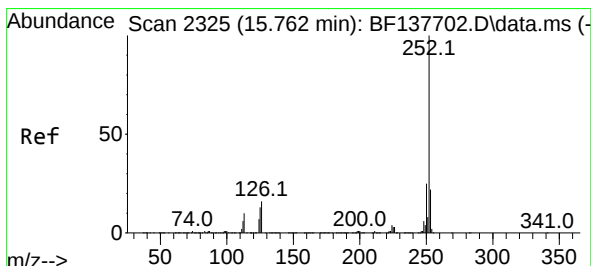
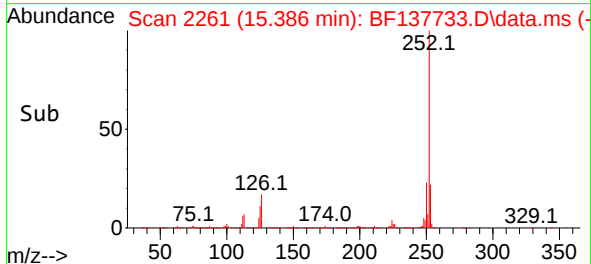
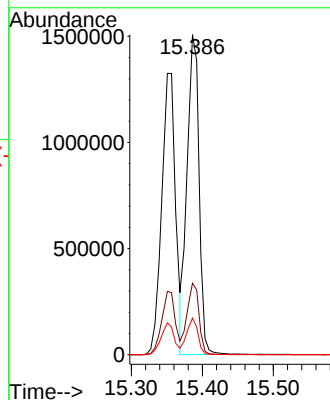
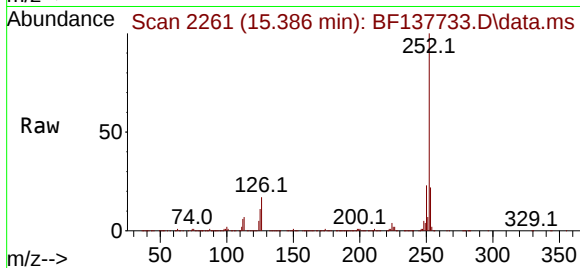
Tgt Ion:252 Resp: 1775974

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 11.4 9.0 13.6



#90

Benzo(a)pyrene

Concen: 60.591 ng

RT: 15.762 min Scan# 2325

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

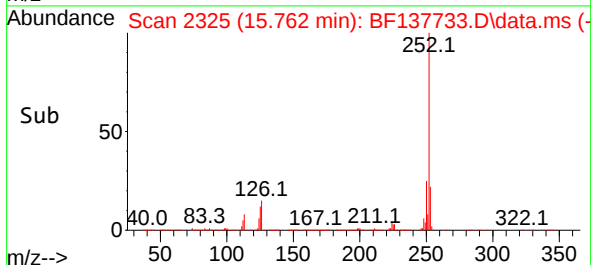
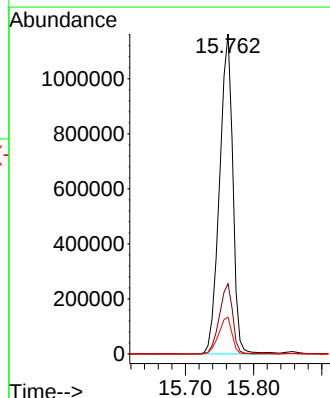
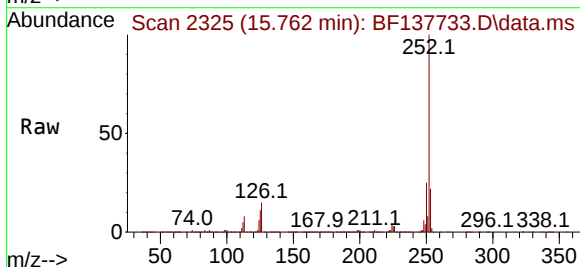
Tgt Ion:252 Resp: 1574409

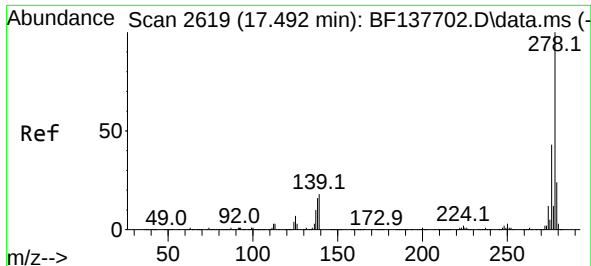
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 11.5 10.2 15.2

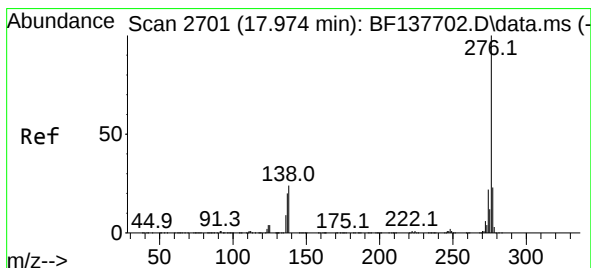
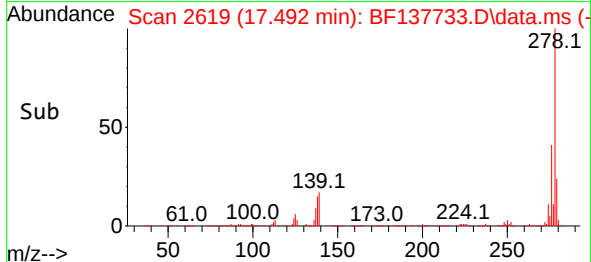
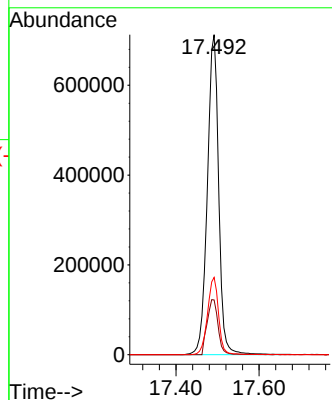
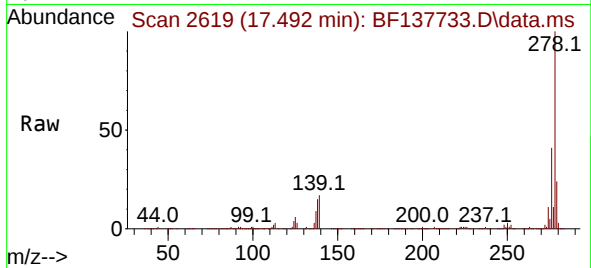




#91  
Dibenzo(a,h)anthracene  
Concen: 64.874 ng  
RT: 17.492 min Scan# 2100  
Delta R.T. 0.000 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Instrument :  
BNA\_F  
ClientSampleId :  
SP6478

Tgt Ion:278 Resp: 1351191  
Ion Ratio Lower Upper  
278 100  
139 17.1 14.7 22.1  
279 24.2 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 62.694 ng  
RT: 17.968 min Scan# 2700  
Delta R.T. -0.006 min  
Lab File: BF137733.D  
Acq: 26 Apr 2024 13:54

Tgt Ion:276 Resp: 1269752  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.5 27.7  
138 23.9 19.5 29.3

