

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110323\  
 Data File : BF136120.D  
 Acq On : 03 Nov 2023 12:57  
 Operator : CG\JU  
 Sample : PB156798BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB156798BS

Quant Time: Nov 04 00:07:18 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 01:13:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 105246   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 430196   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.863  | 164  | 224764   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.351 | 188  | 414398   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 215133   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.492 | 264  | 190465   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 817832   | 122.109 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 993193   | 119.020 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.387  | 82   | 604374   | 84.690  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 305618   | 127.390 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 1133771  | 80.411  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.951 | 244  | 1274781  | 92.085  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 95434    | 32.723  | ng    | 99       |
| 3) Pyridine                   | 3.416  | 79   | 234312   | 29.435  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 141143   | 42.407  | ng    | 88       |
| 6) Aniline                    | 6.481  | 93   | 310902   | 28.777  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 316648   | 44.222  | ng    | 99       |
| 9) Benzaldehyde               | 6.369  | 77   | 38075    | 8.183   | ng    | 97       |
| 10) Phenol                    | 6.475  | 94   | 376722   | 43.647  | ng    | 81       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 288262   | 42.662  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 328205   | 44.039  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.840  | 146  | 335845   | 44.967  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 6.987  | 146  | 316059   | 45.257  | ng    | 97       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 261857   | 44.256  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 389626   | 41.893  | ng    | 99       |
| 17) 2-Methylphenol            | 7.075  | 107  | 244303   | 40.218  | ng    | 96       |
| 18) Hexachloroethane          | 7.328  | 117  | 118361   | 45.089  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.239  | 70   | 200569   | 42.066  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 298767   | 40.335  | ng    | 97       |
| 22) Acetophenone              | 7.234  | 105  | 414160   | 43.416  | ng    | # 93     |
| 24) Nitrobenzene              | 7.404  | 77   | 308480   | 42.734  | ng    | 94       |
| 25) Isophorone                | 7.639  | 82   | 566599   | 42.056  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.716  | 139  | 160743   | 48.807  | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 249765   | 40.132  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.857  | 93   | 336603   | 40.777  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 257067   | 43.815  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 278036   | 43.441  | ng    | 99       |
| 31) Naphthalene               | 8.128  | 128  | 871324   | 42.002  | ng    | 100      |
| 32) Benzoic acid              | 7.886  | 122  | 203724   | 41.623  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.169  | 127  | 190544   | 20.974  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.239  | 225  | 164290   | 44.760  | ng    | 99       |
| 35) Caprolactam               | 8.545  | 113  | 56030    | 29.370  | ng    | 86       |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 279371   | 45.356  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 565870   | 40.681  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 538448   | 41.596  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.981  | 216  | 270246   | 42.160  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 295155   | 86.188  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 181887   | 43.519  | ng    | 97       |

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 QLast Update : Tue Oct 31 01:13:02 2023  
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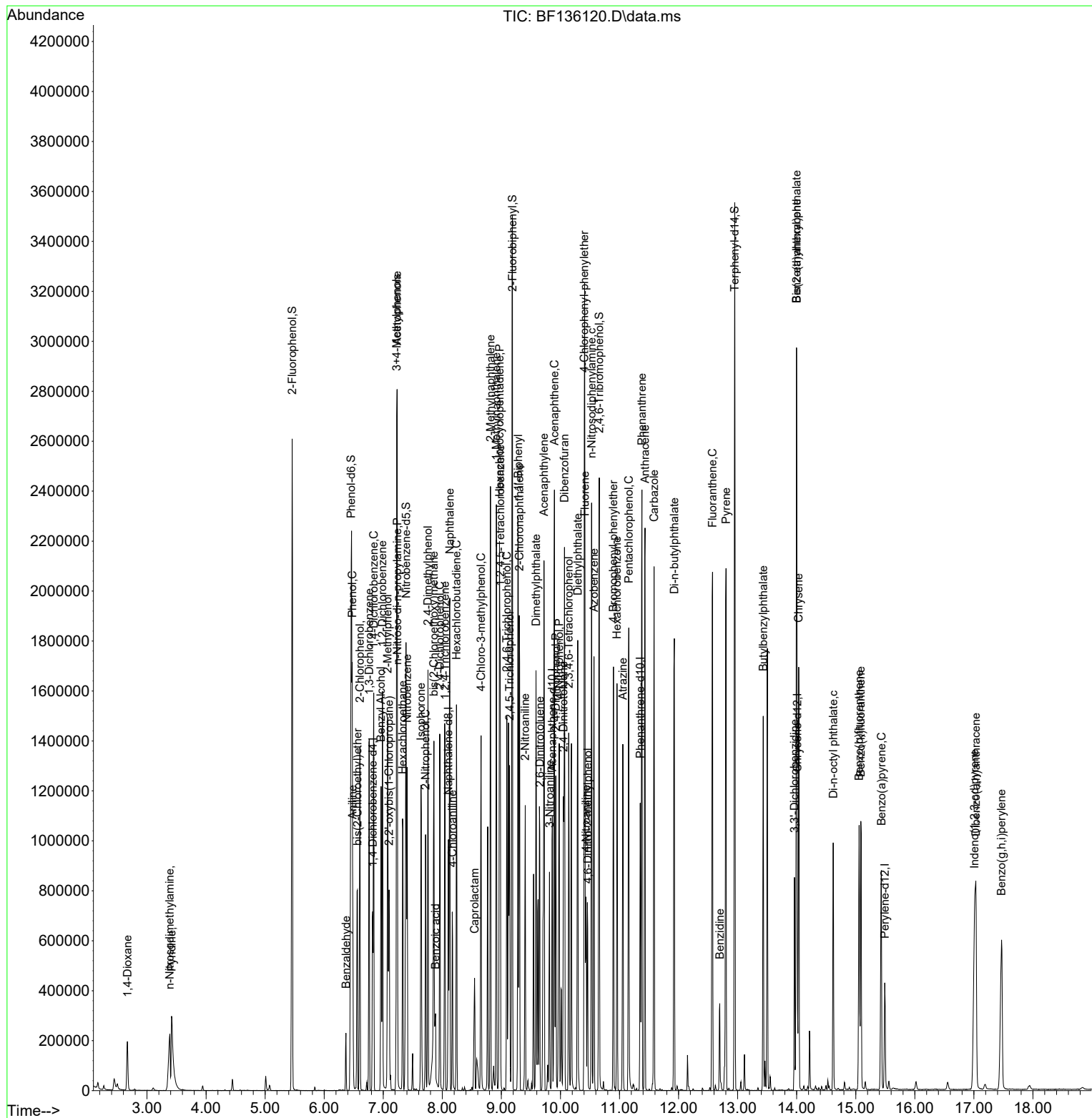
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 195495   | 40.380 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 717108   | 41.853 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.304  | 162  | 553335   | 43.807 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 171301   | 45.825 | ng    | 99       |
| 49) Acenaphthylene            | 9.722  | 152  | 860280   | 43.658 | ng    | 99       |
| 50) Dimethylphthalate         | 9.586  | 163  | 641972   | 43.301 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.651  | 165  | 148146   | 46.720 | ng    | 96       |
| 52) Acenaphthene              | 9.898  | 154  | 523738   | 41.810 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.816  | 138  | 120181   | 32.482 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 152406   | 87.817 | ng    | # 85     |
| 55) Dibenzofuran              | 10.069 | 168  | 774535   | 42.403 | ng    | 95       |
| 56) 4-Nitrophenol             | 9.980  | 139  | 240308   | 86.830 | ng    | 80       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 193437   | 48.215 | ng    | 94       |
| 58) Fluorene                  | 10.416 | 166  | 592912   | 43.354 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.139 | 232  | 170602   | 44.323 | ng    | 95       |
| 60) Diethylphthalate          | 10.292 | 149  | 628934   | 44.399 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 286325   | 41.942 | ng    | 92       |
| 62) 4-Nitroaniline            | 10.433 | 138  | 145865   | 40.942 | ng    | 94       |
| 63) Azobenzene                | 10.569 | 77   | 577984   | 42.367 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.463 | 198  | 101853   | 45.126 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.528 | 169  | 539277   | 43.139 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 187491   | 43.154 | ng    | # 93     |
| 68) Hexachlorobenzene         | 10.957 | 284  | 211646   | 45.612 | ng    | # 87     |
| 69) Atrazine                  | 11.057 | 200  | 174173   | 51.209 | ng    | 97       |
| 70) Pentachlorophenol         | 11.157 | 266  | 217488   | 72.982 | ng    | 98       |
| 71) Phenanthrene              | 11.380 | 178  | 906838   | 43.462 | ng    | 99       |
| 72) Anthracene                | 11.433 | 178  | 920580   | 43.057 | ng    | 98       |
| 73) Carbazole                 | 11.586 | 167  | 792626   | 42.662 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.927 | 149  | 924755   | 43.559 | ng    | 100      |
| 75) Fluoranthene              | 12.574 | 202  | 905553   | 42.247 | ng    | 97       |
| 77) Benzidine                 | 12.698 | 184  | 141884   | 33.837 | ng    | 96       |
| 78) Pyrene                    | 12.804 | 202  | 906046   | 47.769 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.433 | 149  | 320010   | 47.134 | ng    | 98       |
| 81) Benzo(a)anthracene        | 13.998 | 228  | 622796   | 43.728 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.963 | 252  | 164285   | 36.140 | ng    | 98       |
| 83) Chrysene                  | 14.033 | 228  | 595680   | 42.469 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 363742   | 45.985 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 518613   | 43.766 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.009 | 276  | 649774   | 52.199 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.057 | 252  | 538382   | 47.771 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.086 | 252  | 466325   | 41.818 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.433 | 252  | 453669   | 43.323 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.033 | 278  | 536473   | 52.613 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.468 | 276  | 542608   | 46.817 | ng    | 98       |

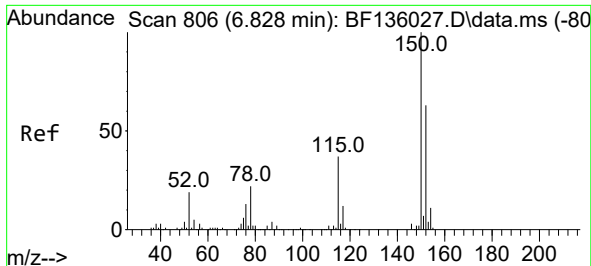
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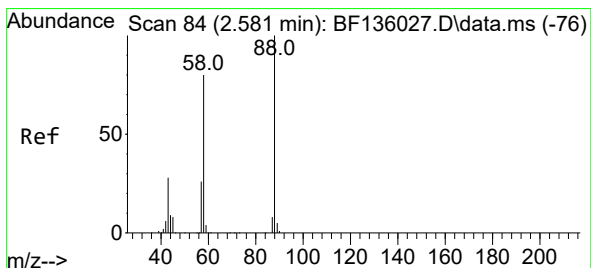
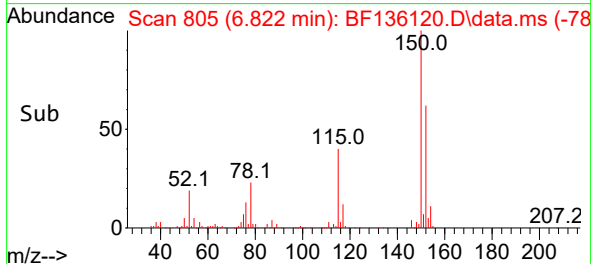
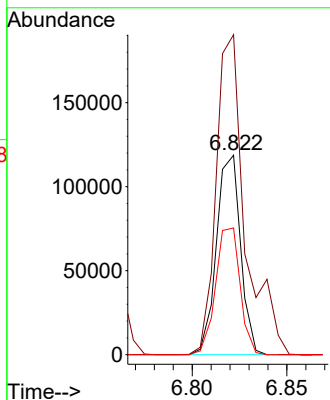
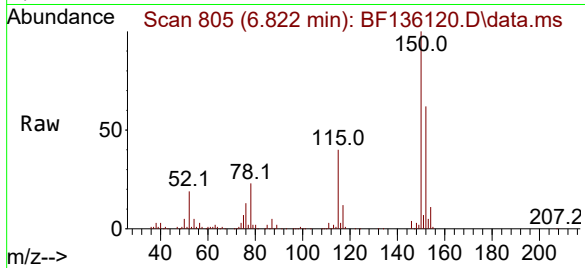




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.822 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF136120.D  
 Acq: 03 Nov 2023 12:57

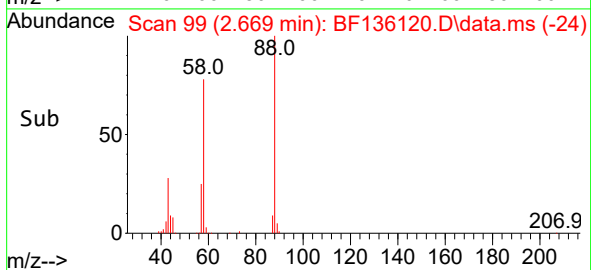
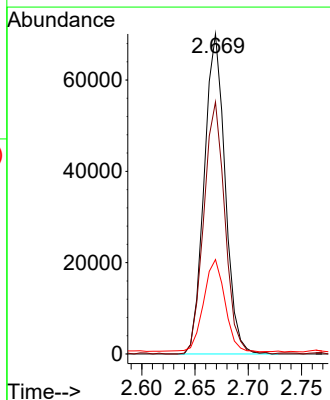
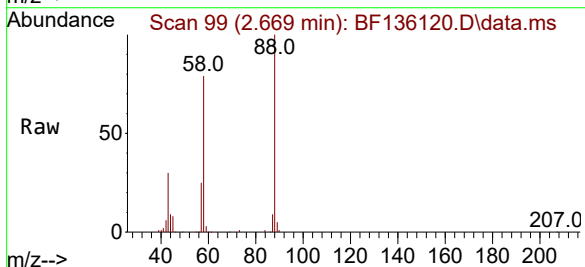
Instrument :  
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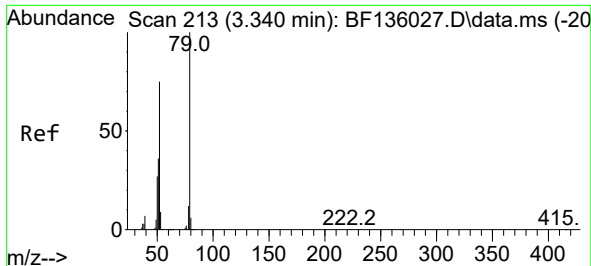
Tgt Ion:152 Resp: 105246  
 Ion Ratio Lower Upper  
 152 100  
 150 160.4 126.4 189.6  
 115 63.6 47.0 70.4



#2  
 1,4-Dioxane  
 Concen: 32.723 ng  
 RT: 2.669 min Scan# 99  
 Delta R.T. 0.088 min  
 Lab File: BF136120.D  
 Acq: 03 Nov 2023 12:57

Tgt Ion: 88 Resp: 95434  
 Ion Ratio Lower Upper  
 88 100  
 58 79.9 64.3 96.5  
 43 29.3 22.3 33.5

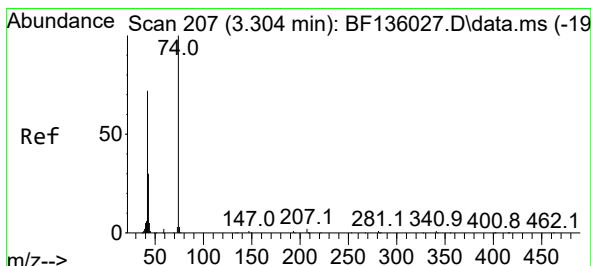
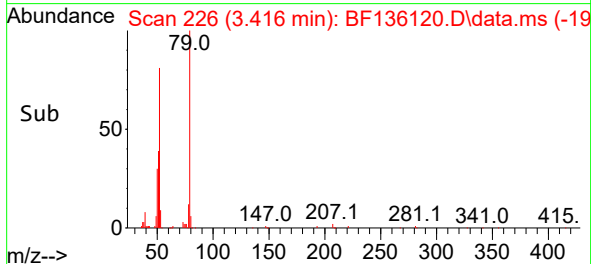
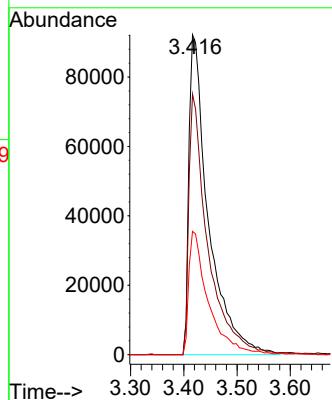
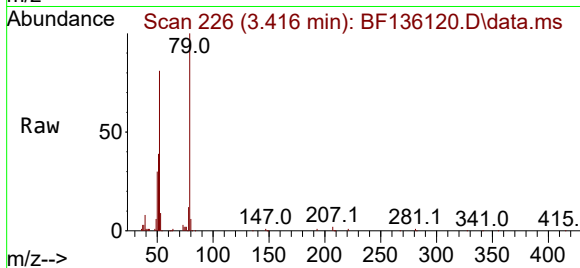




#3  
Pyridine  
Concen: 29.435 ng  
RT: 3.416 min Scan# 213  
Delta R.T. 0.077 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

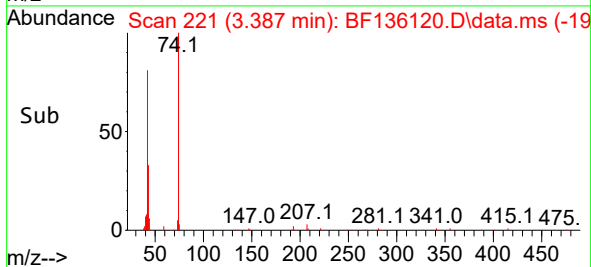
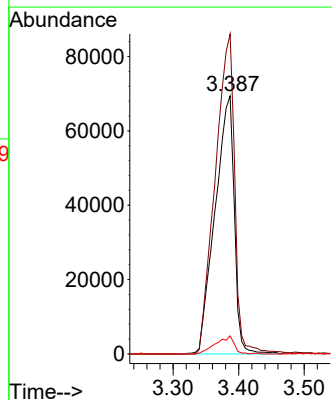
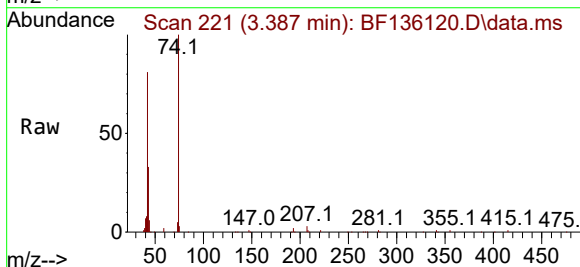
Instrument :  
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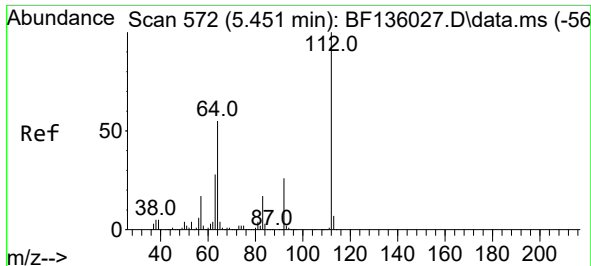
Tgt Ion: 79 Resp: 234312  
Ion Ratio Lower Upper  
79 100  
52 81.5 60.3 90.5  
51 38.6 29.3 43.9



#4  
n-Nitrosodimethylamine  
Concen: 42.407 ng  
RT: 3.387 min Scan# 221  
Delta R.T. 0.082 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion: 42 Resp: 141143  
Ion Ratio Lower Upper  
42 100  
74 124.0 111.8 167.6  
44 7.0 6.2 9.4

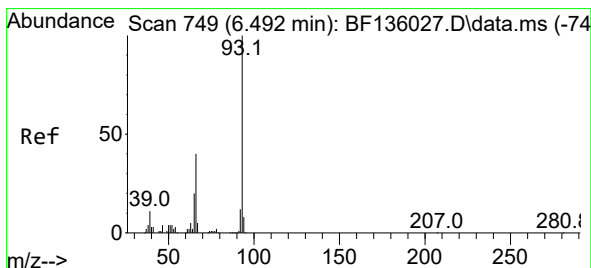
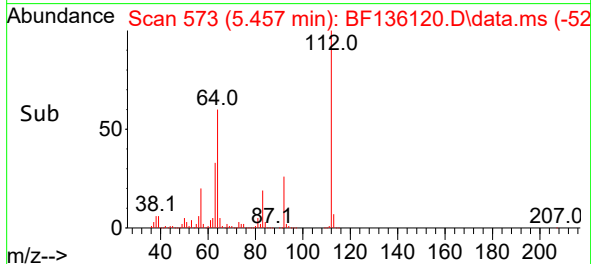
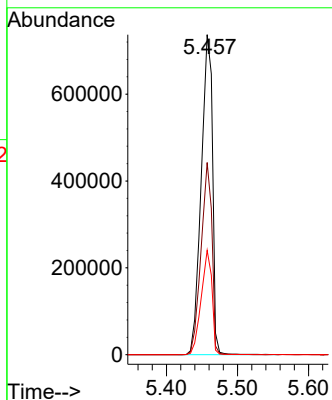
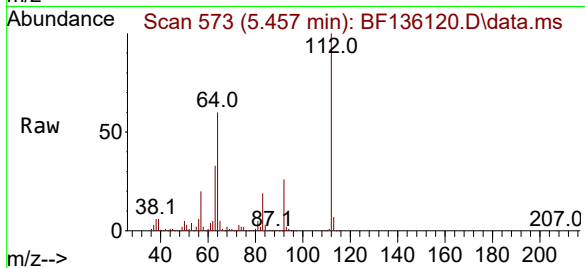




#5  
2-Fluorophenol  
Concen: 122.109 ng  
RT: 5.457 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

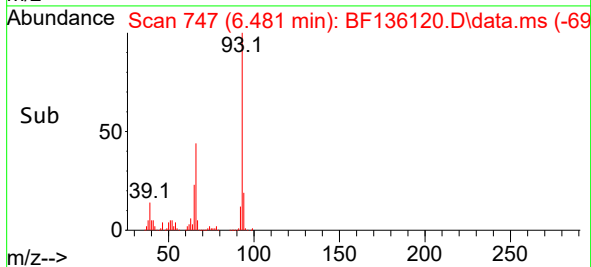
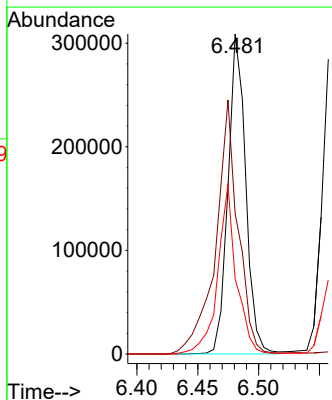
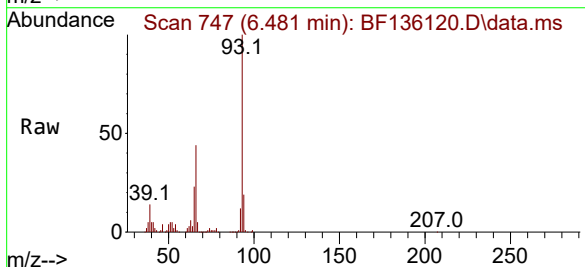
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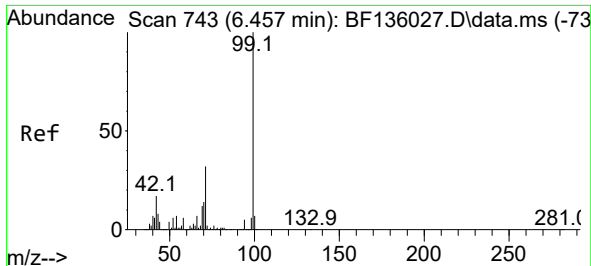
Tgt Ion:112 Resp: 817832  
Ion Ratio Lower Upper  
112 100  
64 60.1 43.9 65.9  
63 32.6 22.4 33.6



#6  
Aniline  
Concen: 28.777 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.012 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion: 93 Resp: 310902  
Ion Ratio Lower Upper  
93 100  
66 43.9 32.4 48.6  
65 23.4 16.2 24.2

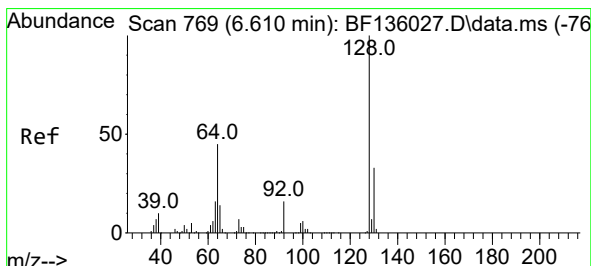
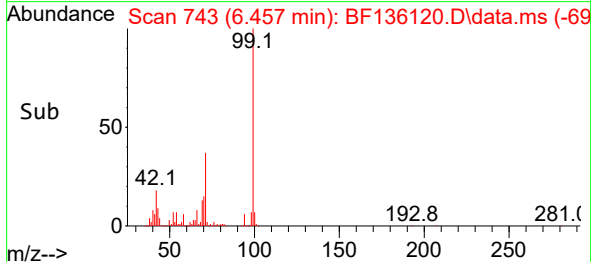
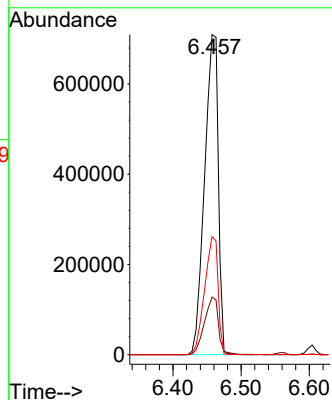
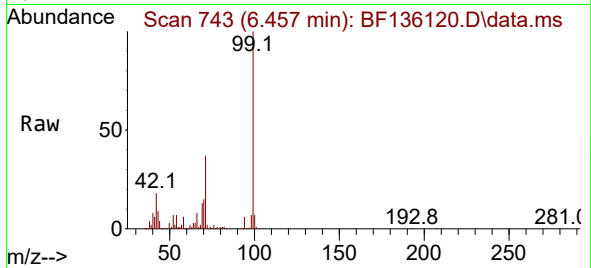




#7  
Phenol-d6  
Concen: 119.020 ng  
RT: 6.457 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

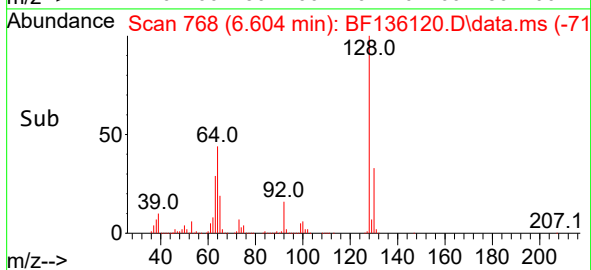
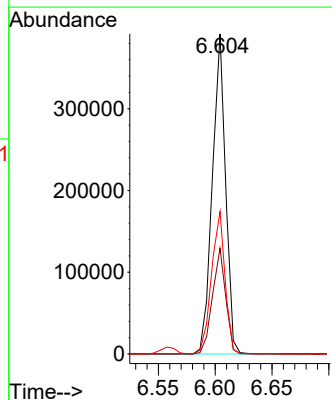
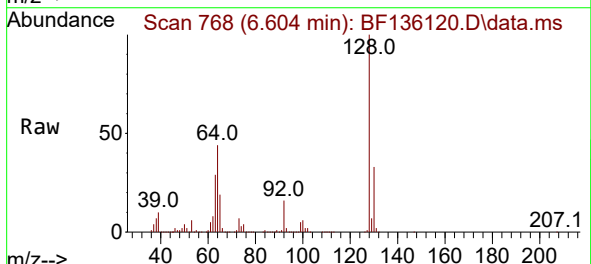
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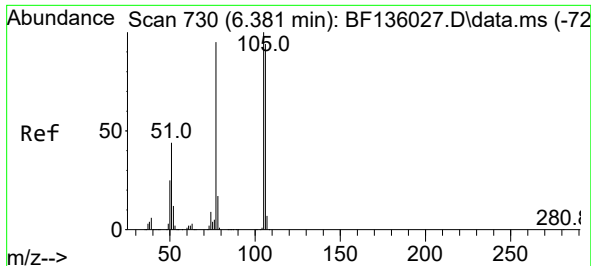
Tgt Ion: 99 Resp: 993193  
Ion Ratio Lower Upper  
99 100  
42 18.0 13.7 20.5  
71 36.8 25.9 38.9



#8  
2-Chlorophenol  
Concen: 44.222 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:128 Resp: 316648  
Ion Ratio Lower Upper  
128 100  
130 33.1 12.8 52.8  
64 44.5 25.8 65.8





#9

Benzaldehyde

Concen: 8.183 ng

RT: 6.369 min Scan# 710

Delta R.T. -0.012 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

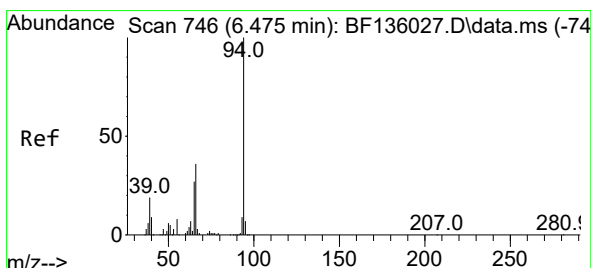
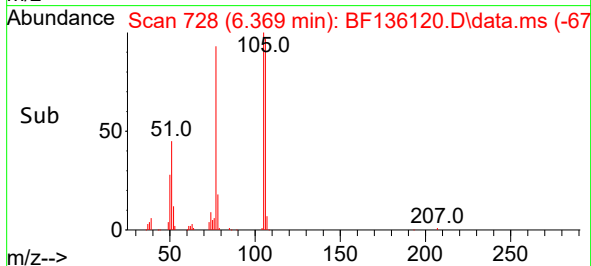
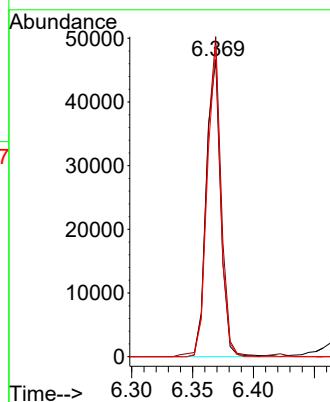
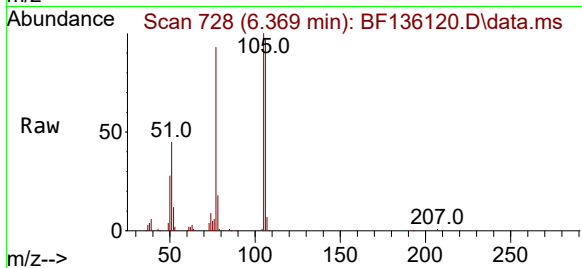
Tgt Ion: 77 Resp: 38075

Ion Ratio Lower Upper

77 100

105 107.7 85.7 125.7

106 104.8 79.8 119.8



#10

Phenol

Concen: 43.647 ng

RT: 6.475 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

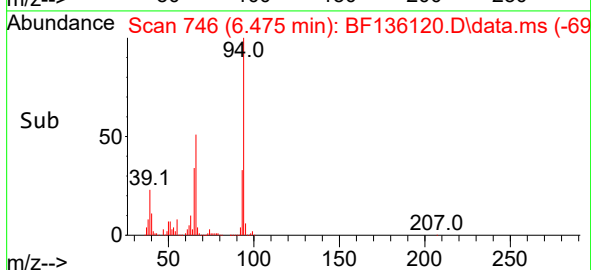
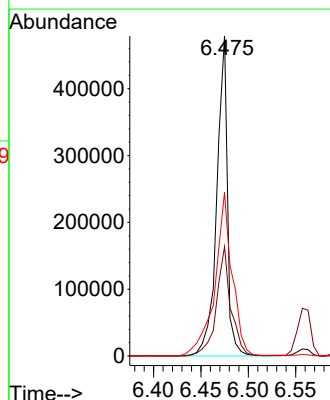
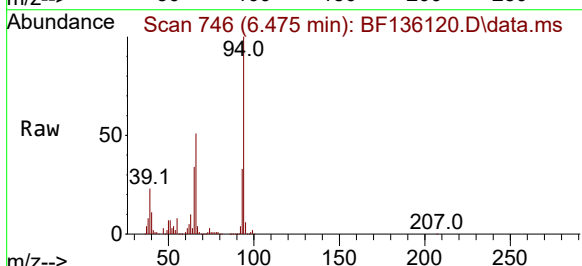
Tgt Ion: 94 Resp: 376722

Ion Ratio Lower Upper

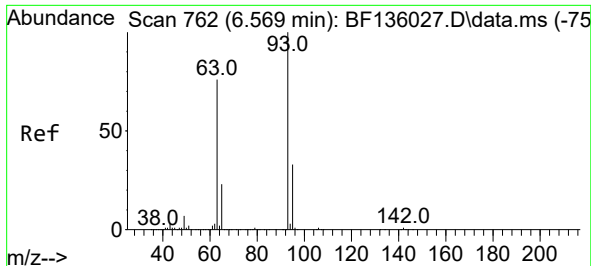
94 100

65 34.1 7.5 47.5

66 51.2 17.1 57.1







#11

bis(2-Chloroethyl)ether

Concen: 42.662 ng

RT: 6.563 min Scan# 761

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

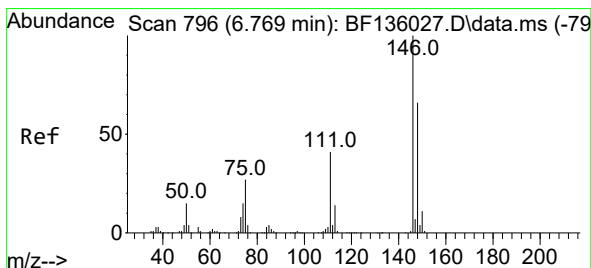
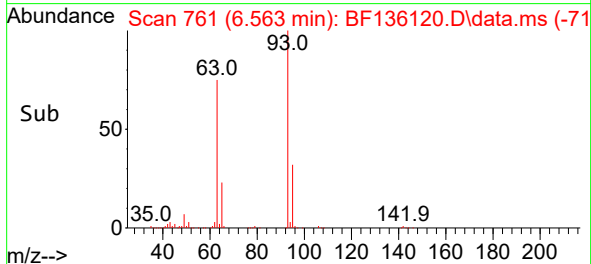
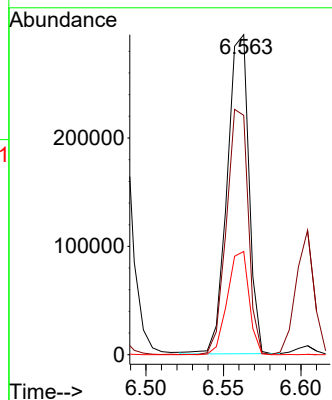
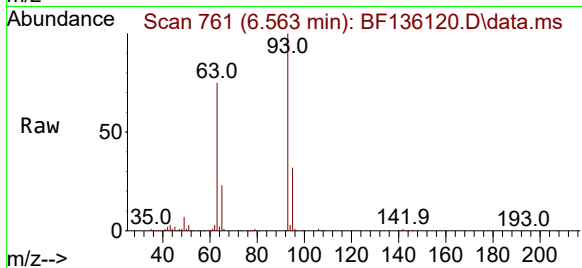
Tgt Ion: 93 Resp: 288262

Ion Ratio Lower Upper

93 100

63 74.8 55.8 95.8

95 32.2 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.039 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

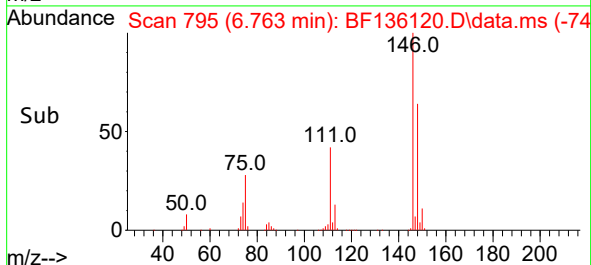
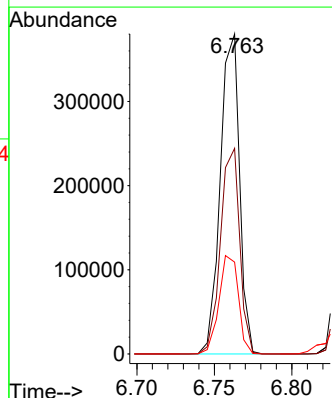
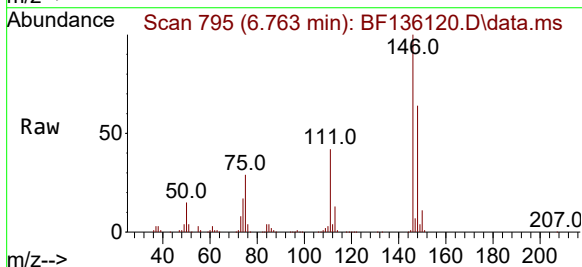
Tgt Ion:146 Resp: 328205

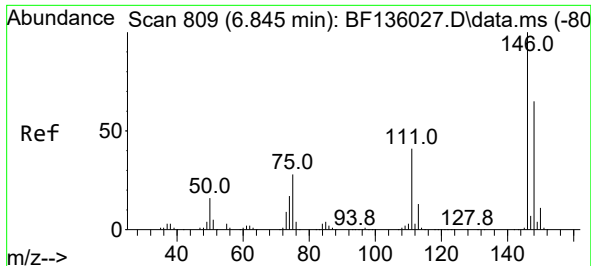
Ion Ratio Lower Upper

146 100

148 64.2 52.6 78.8

75 28.7 21.6 32.4

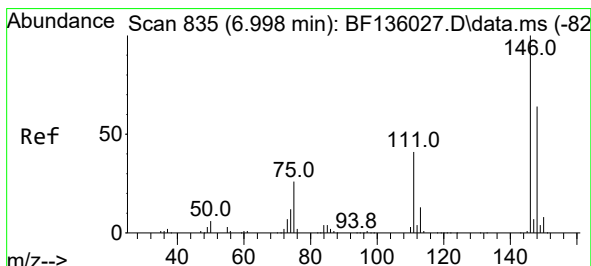
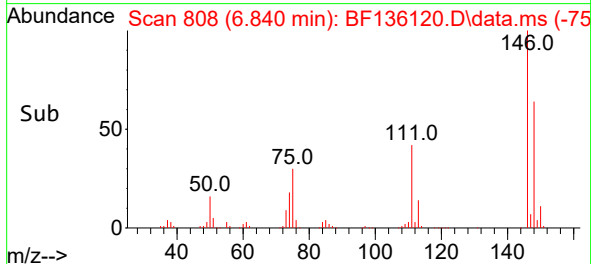
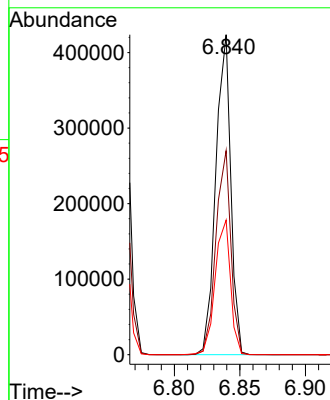
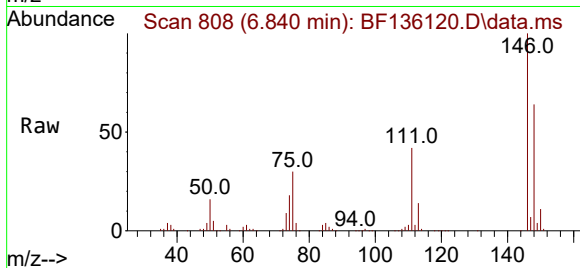




#13  
1,4-Dichlorobenzene  
Concen: 44.967 ng  
RT: 6.840 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

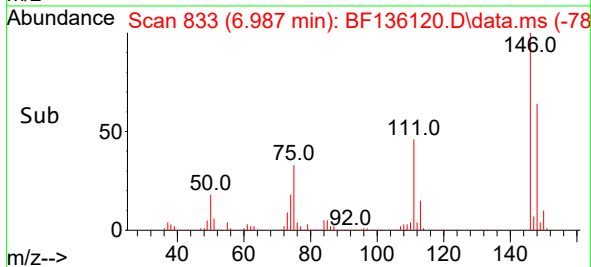
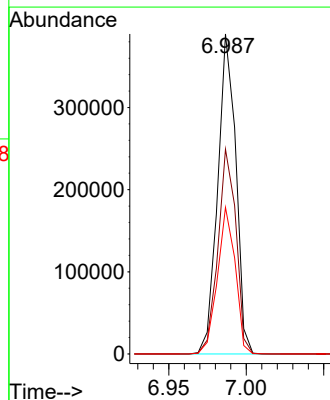
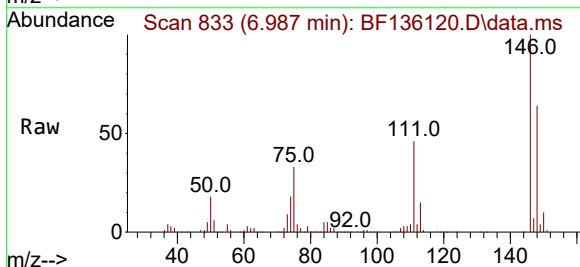
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

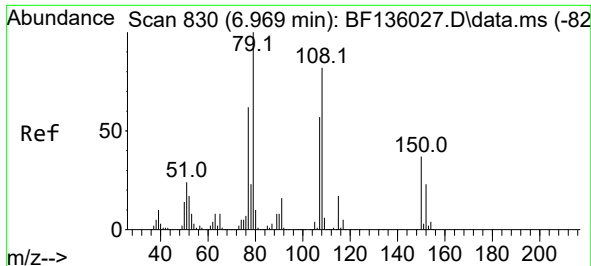
Tgt Ion:146 Resp: 335845  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.1 78.1  
111 42.1 32.6 48.8



#14  
1,2-Dichlorobenzene  
Concen: 45.257 ng  
RT: 6.987 min Scan# 833  
Delta R.T. -0.012 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:146 Resp: 316059  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.4 77.2  
111 45.8 33.0 49.4

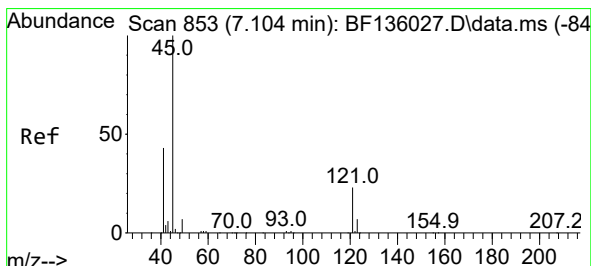
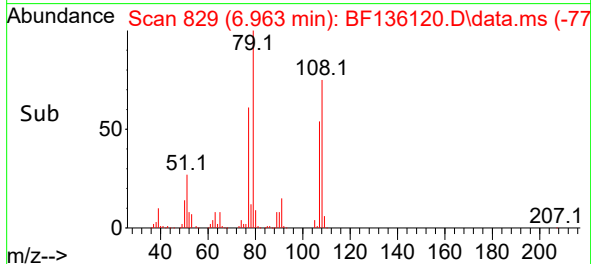
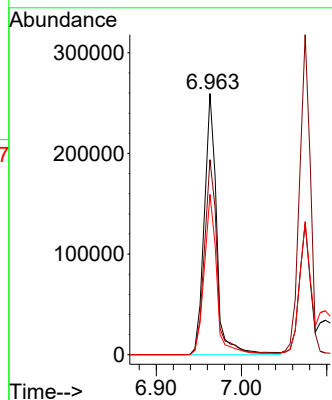
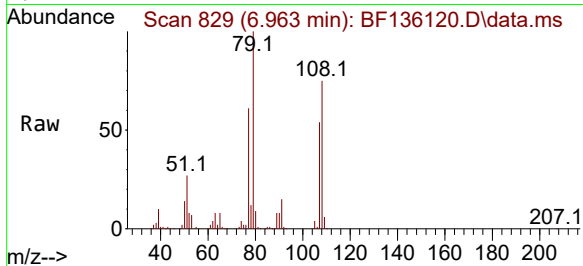




#15  
Benzyl Alcohol  
Concen: 44.256 ng  
RT: 6.963 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

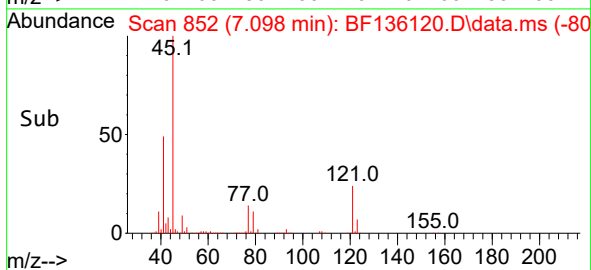
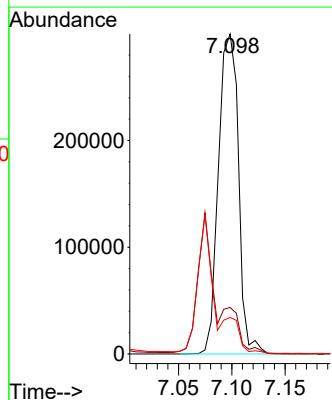
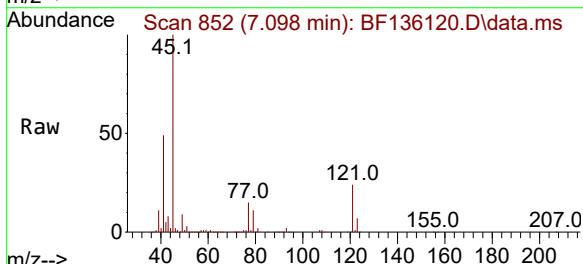
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

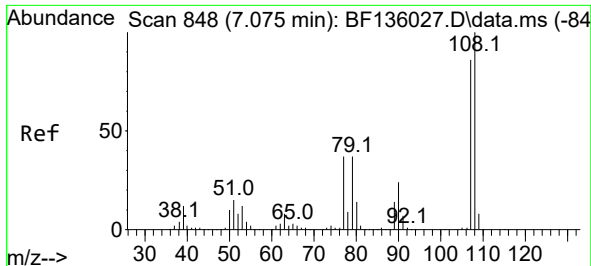
Tgt Ion: 79 Resp: 261857  
Ion Ratio Lower Upper  
79 100  
108 74.7 65.9 98.9  
77 61.4 49.4 74.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.893 ng  
RT: 7.098 min Scan# 852  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

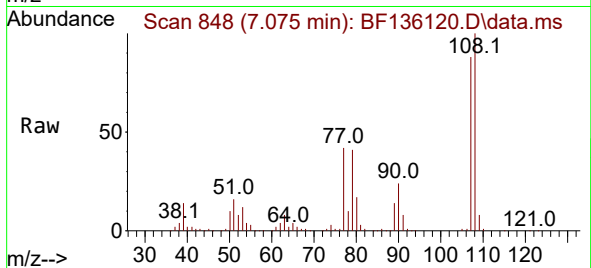
Tgt Ion: 45 Resp: 389626  
Ion Ratio Lower Upper  
45 100  
77 14.5 0.0 34.6  
79 11.4 0.0 30.6



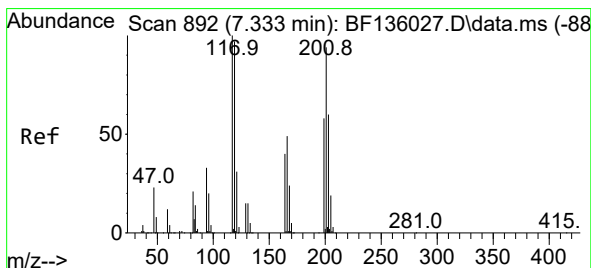
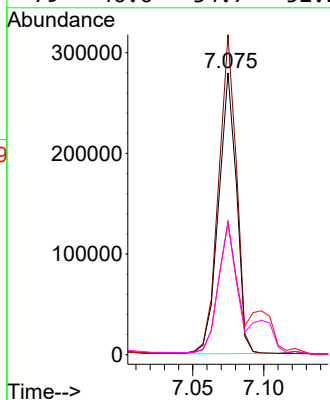
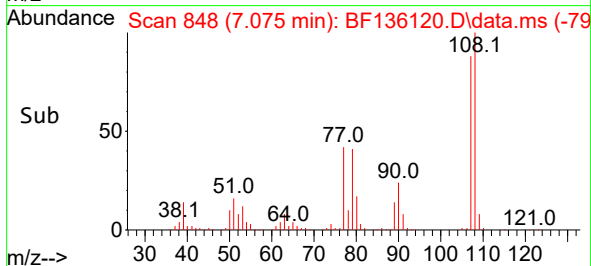


#17  
2-Methylphenol  
Concen: 40.218 ng  
RT: 7.075 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

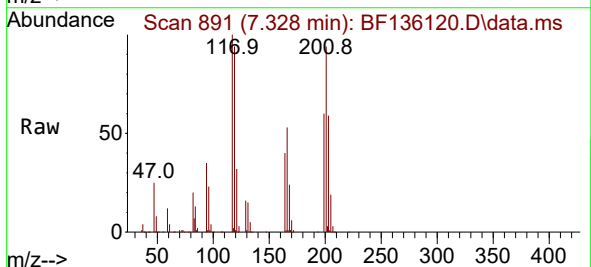
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS



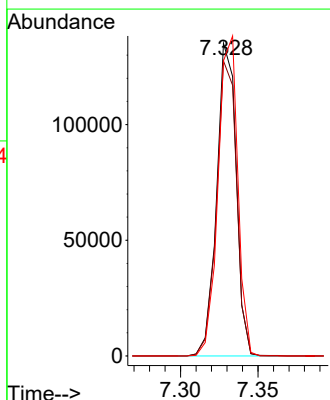
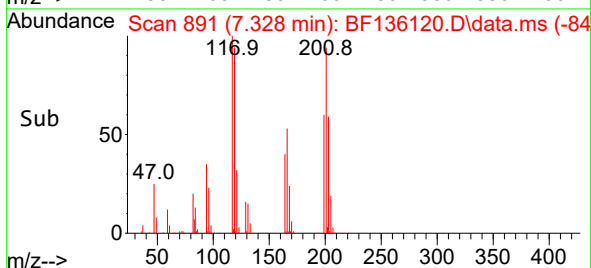
Tgt Ion:107 Resp: 244303  
Ion Ratio Lower Upper  
107 100  
108 113.6 93.4 140.2  
77 47.2 34.4 51.6  
79 46.6 34.7 52.1

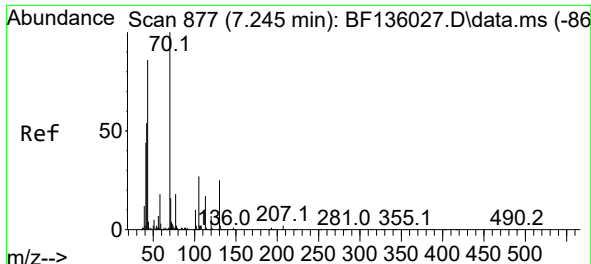


#18  
Hexachloroethane  
Concen: 45.089 ng  
RT: 7.328 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57



Tgt Ion:117 Resp: 118361  
Ion Ratio Lower Upper  
117 100  
119 94.3 77.7 116.5  
201 94.3 75.0 112.6



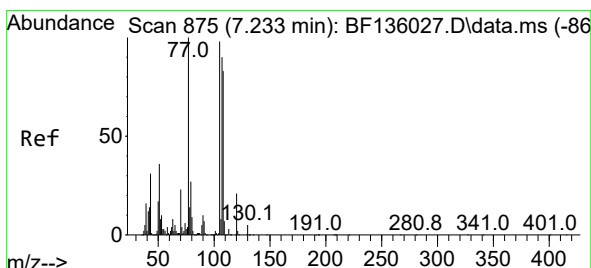
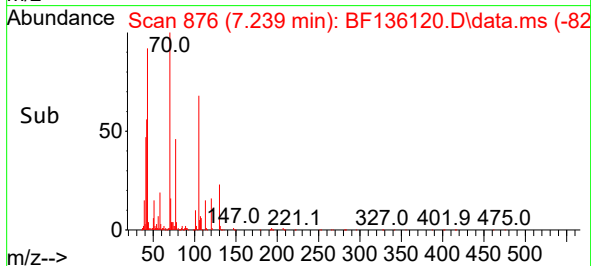
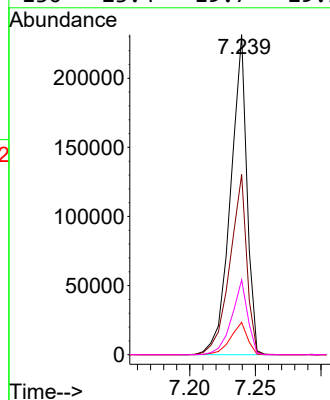
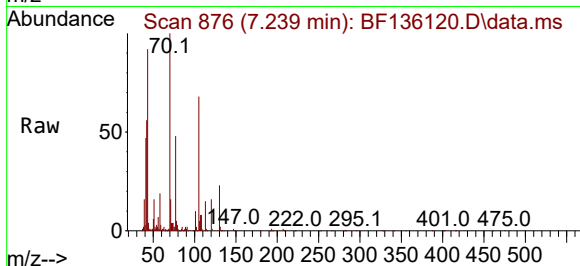


#19  
n-Nitroso-di-n-propylamine  
Concen: 42.066 ng  
RT: 7.239 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

Tgt Ion: 70 Resp: 200569

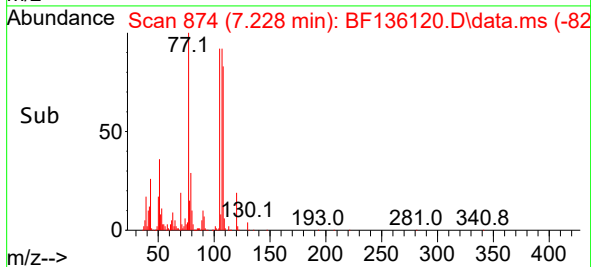
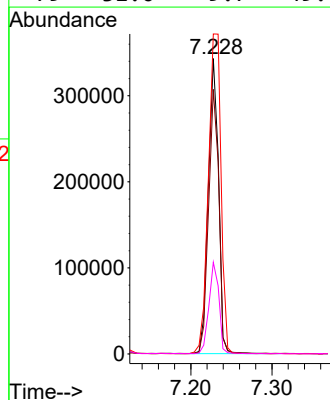
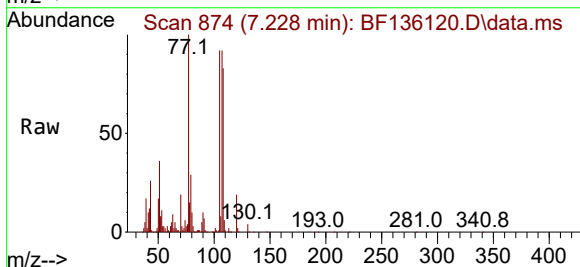
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 56.3  | 43.0  | 64.4  |
| 101 | 10.1  | 8.0   | 12.0  |
| 130 | 23.4  | 19.7  | 29.5  |

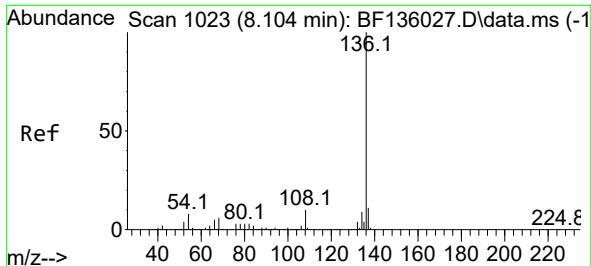


#20  
3+4-Methylphenols  
Concen: 40.335 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion: 107 Resp: 298767

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.5  | 72.3  | 112.3 |
| 77  | 108.3 | 91.4  | 131.4 |
| 79  | 31.0  | 9.7   | 49.7  |

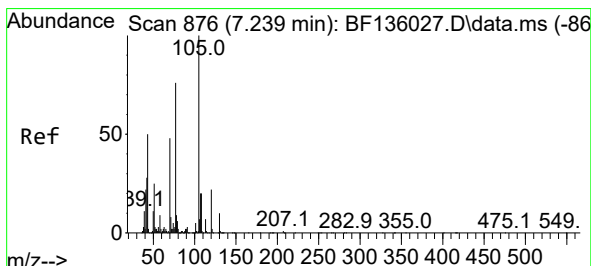
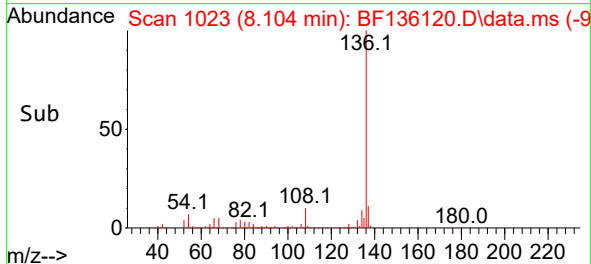
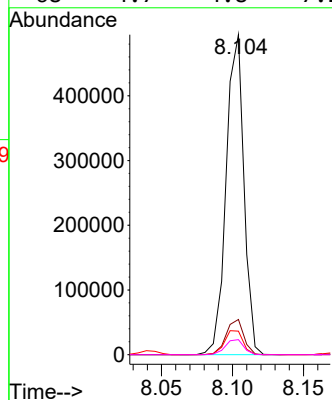
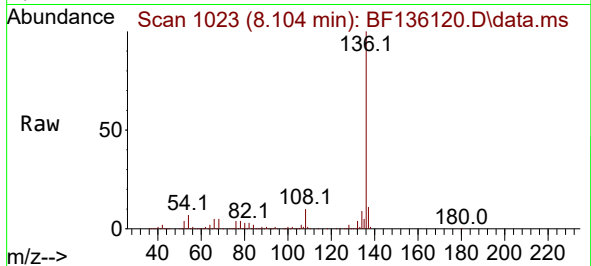




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

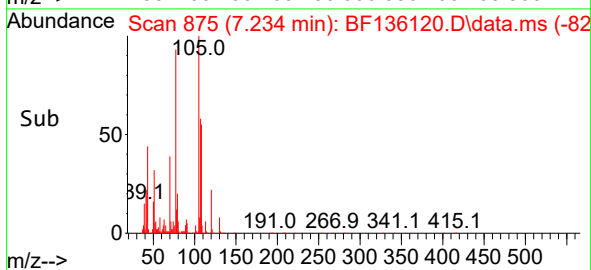
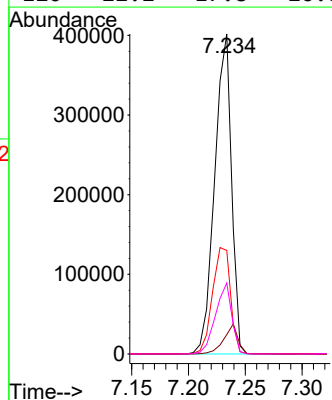
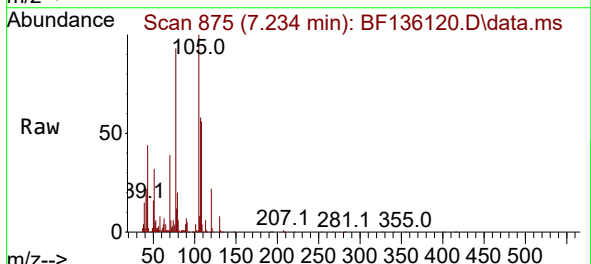
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

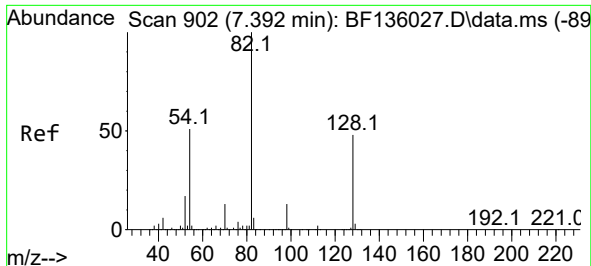
Tgt Ion:136 Resp: 430196  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 7.3 6.6 9.8  
68 4.7 4.8 7.2#



#22  
Acetophenone  
Concen: 43.416 ng  
RT: 7.234 min Scan# 875  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:105 Resp: 414160  
Ion Ratio Lower Upper  
105 100  
71 6.1 6.5 9.7#  
51 32.4 20.3 30.5#  
120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 84.690 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

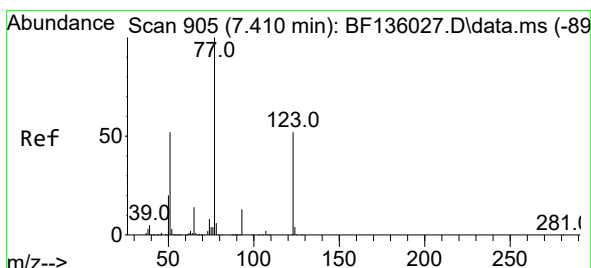
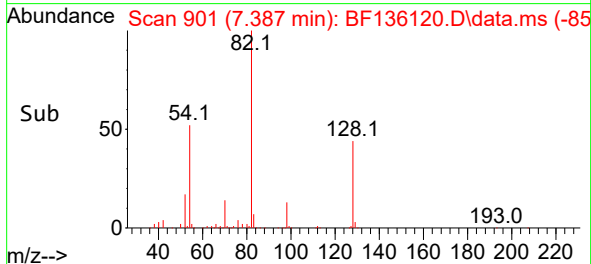
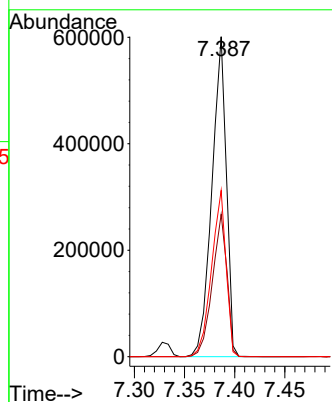
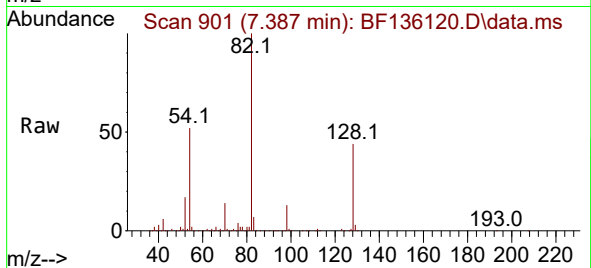
Tgt Ion: 82 Resp: 604374

Ion Ratio Lower Upper

82 100

128 44.5 38.6 57.8

54 52.0 40.8 61.2



#24

Nitrobenzene

Concen: 42.734 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

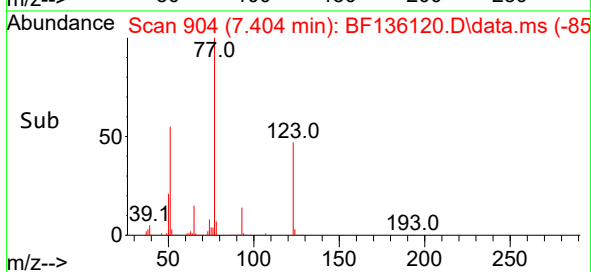
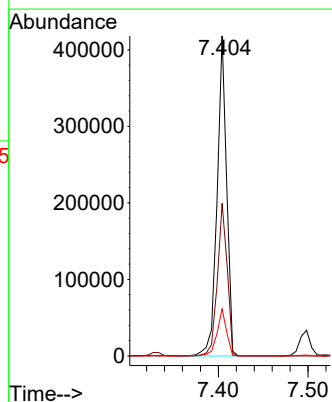
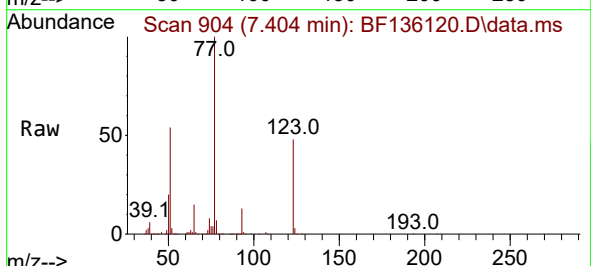
Tgt Ion: 77 Resp: 308480

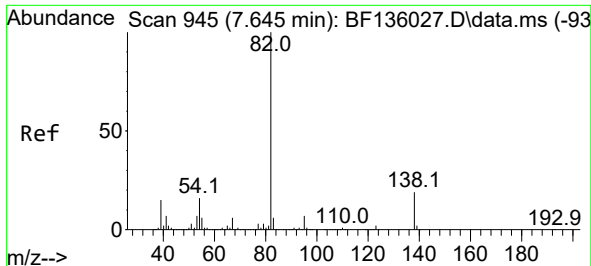
Ion Ratio Lower Upper

77 100

123 47.7 42.3 63.5

65 14.7 11.0 16.6

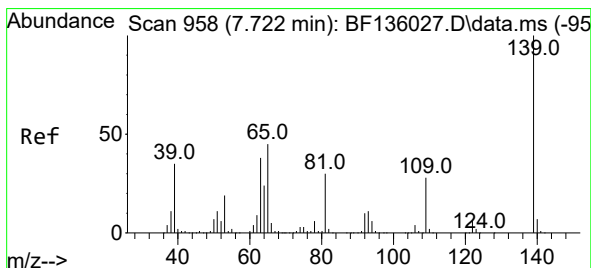
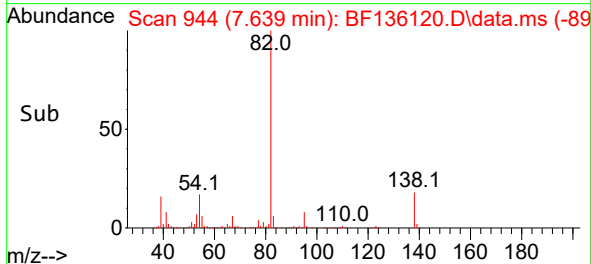
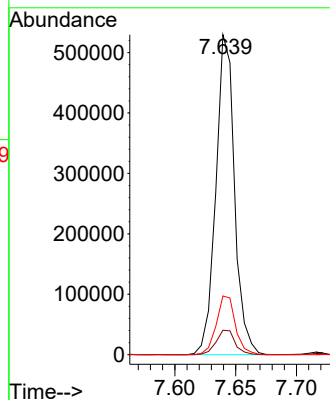
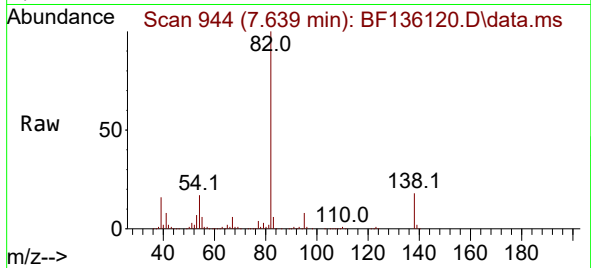




#25  
Isophorone  
Concen: 42.056 ng  
RT: 7.639 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

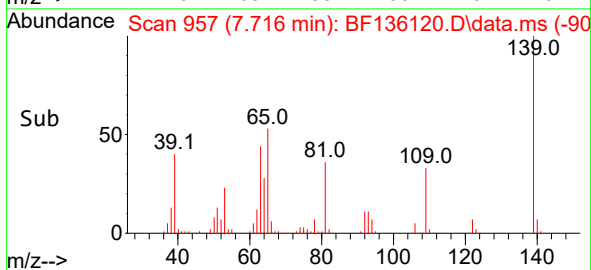
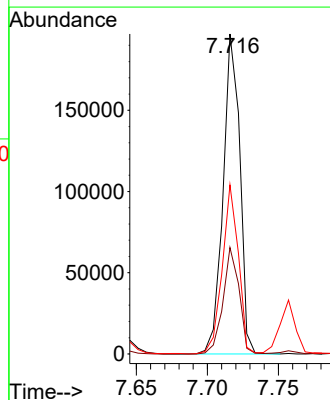
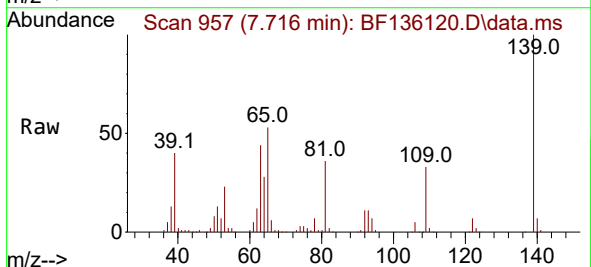
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

Tgt Ion: 82 Resp: 566599  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.9 8.9  
138 18.4 15.3 22.9

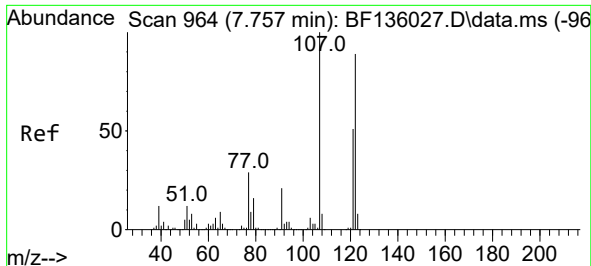


#26  
2-Nitrophenol  
Concen: 48.807 ng  
RT: 7.716 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:139 Resp: 160743  
Ion Ratio Lower Upper  
139 100  
109 33.3 22.6 34.0  
65 52.8 36.3 54.5







#27

2,4-Dimethylphenol

Concen: 40.132 ng

RT: 7.757 min Scan# 964

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

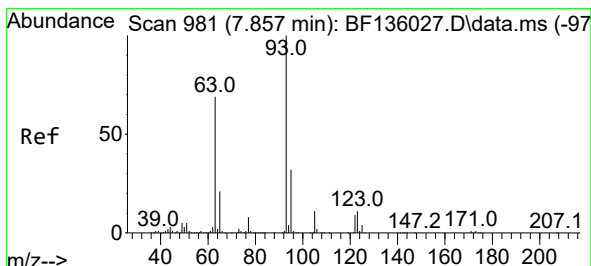
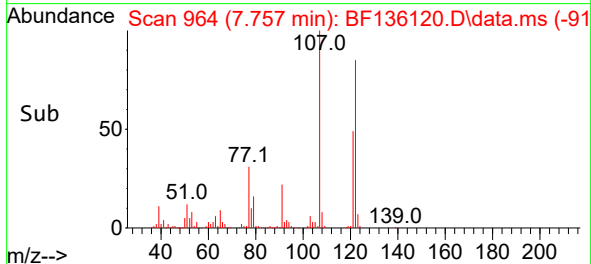
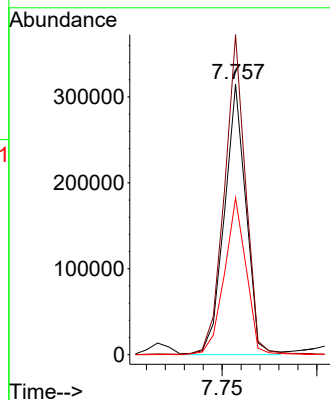
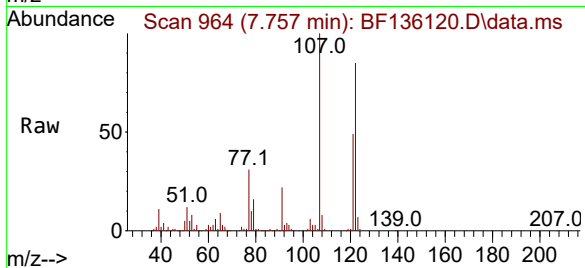
Tgt Ion:122 Resp: 249765

Ion Ratio Lower Upper

122 100

107 118.3 89.6 134.4

121 58.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.777 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

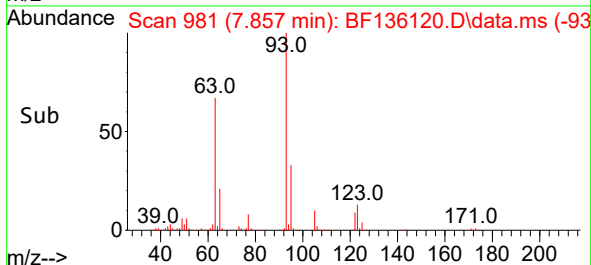
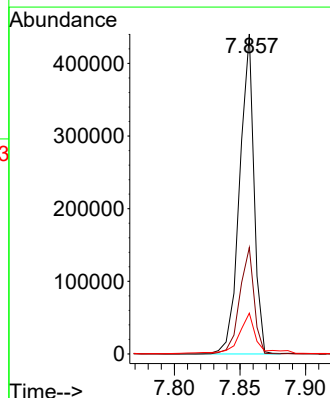
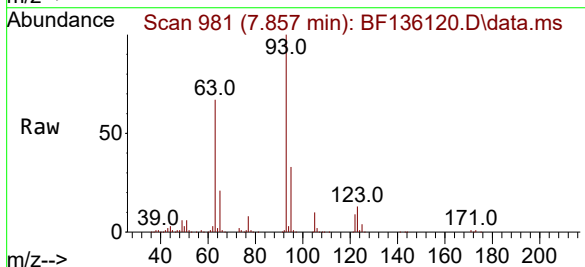
Tgt Ion: 93 Resp: 336603

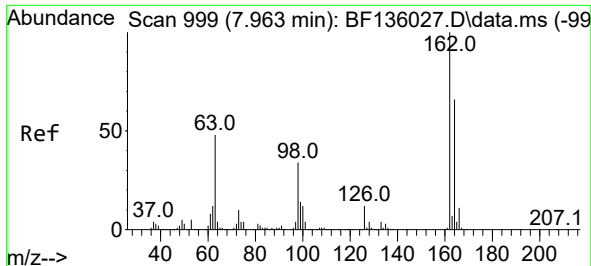
Ion Ratio Lower Upper

93 100

95 33.2 25.7 38.5

123 12.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.815 ng

RT: 7.957 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

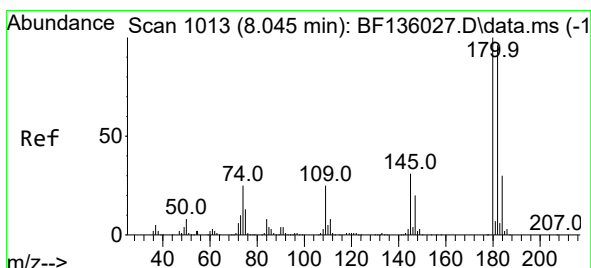
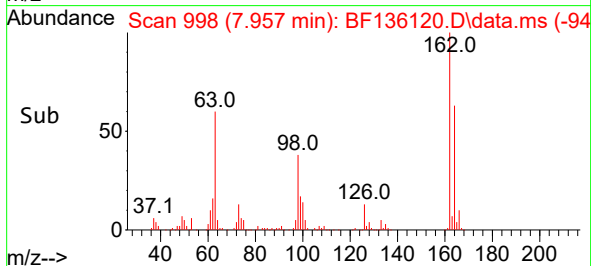
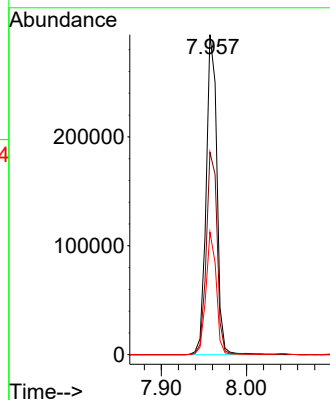
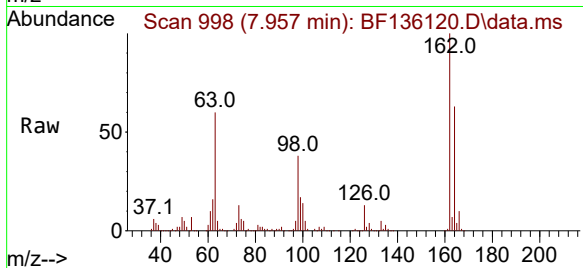
Tgt Ion:162 Resp: 257067

Ion Ratio Lower Upper

162 100

164 63.3 45.5 85.5

98 38.3 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 43.441 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

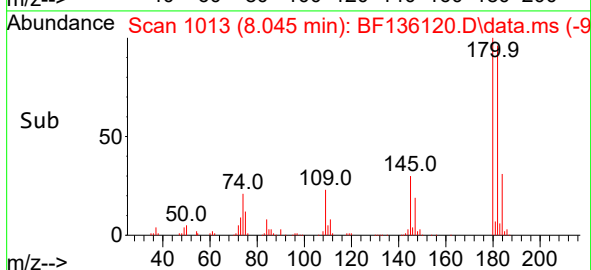
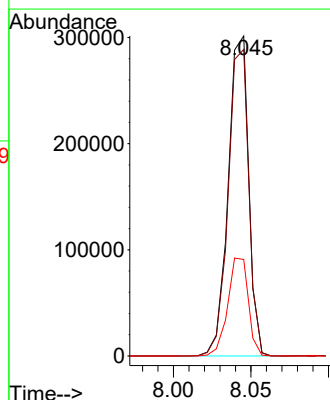
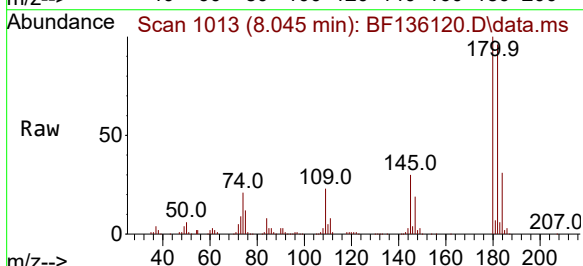
Tgt Ion:180 Resp: 278036

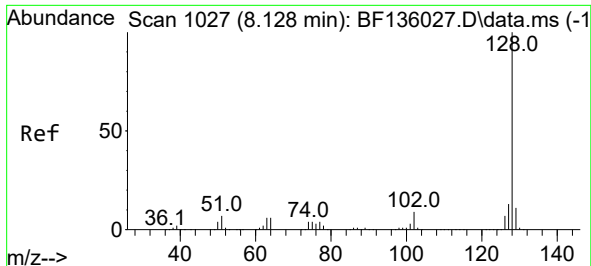
Ion Ratio Lower Upper

180 100

182 95.8 76.9 115.3

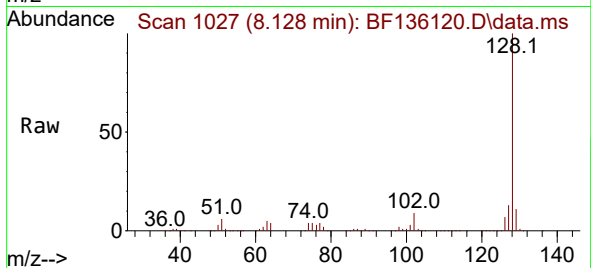
145 30.2 24.7 37.1



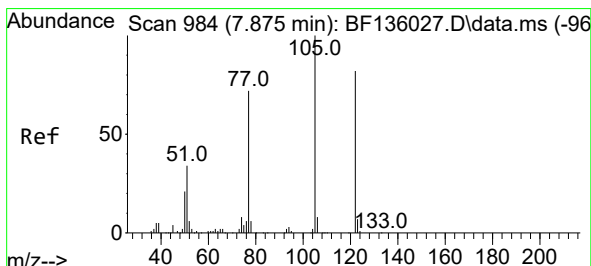
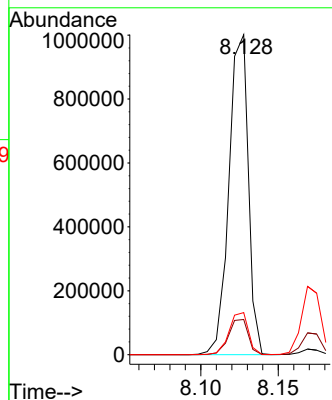
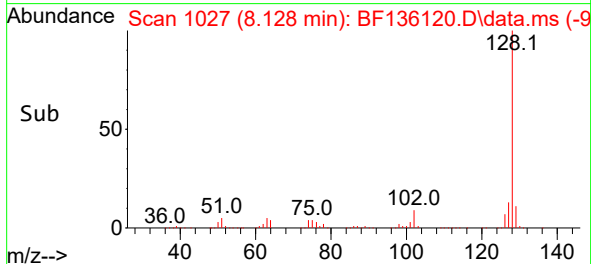


#31  
Naphthalene  
Concen: 42.002 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

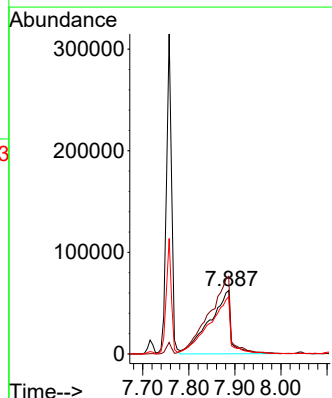
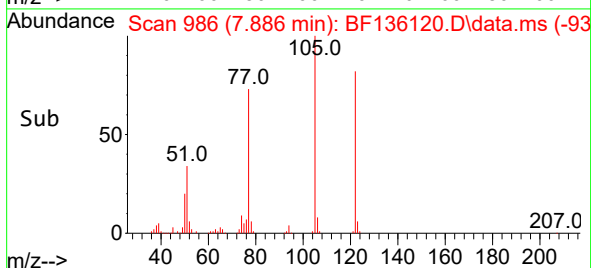
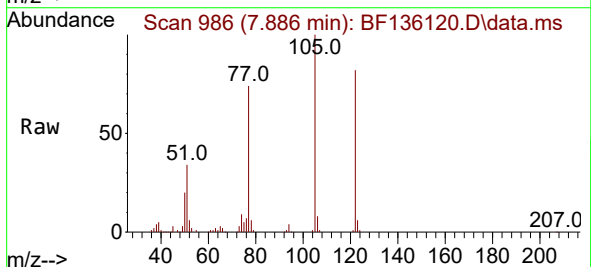


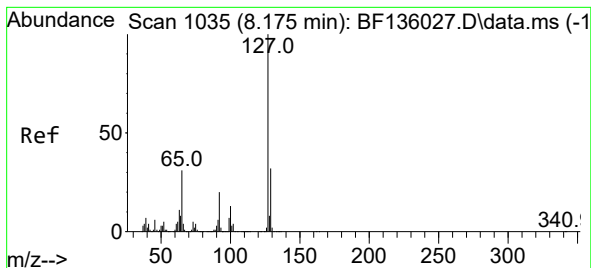
Tgt Ion:128 Resp: 871324  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.2 10.5 15.7



#32  
Benzoic acid  
Concen: 41.623 ng  
RT: 7.886 min Scan# 986  
Delta R.T. 0.011 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:122 Resp: 203724  
Ion Ratio Lower Upper  
122 100  
105 122.2 99.5 139.5  
77 90.1 66.8 106.8





#33

4-Chloroaniline

Concen: 20.974 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

Tgt Ion:127 Resp: 190544

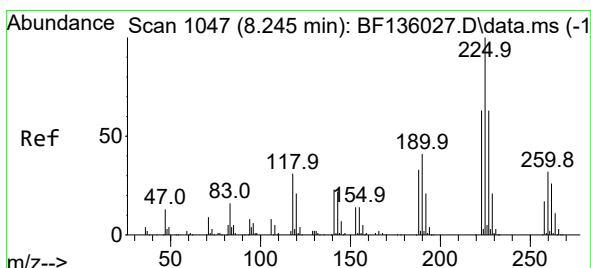
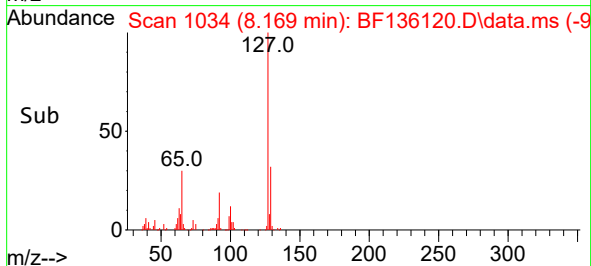
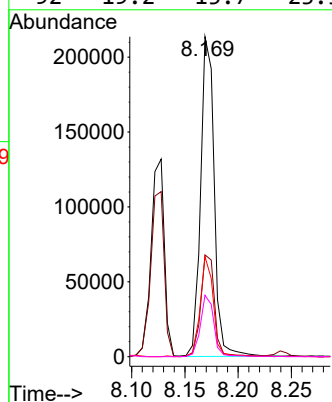
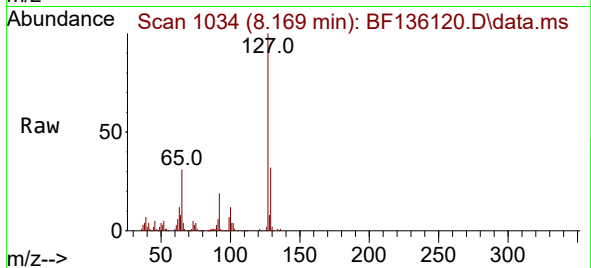
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 31.3 24.6 37.0

92 19.2 15.7 23.5



#34

Hexachlorobutadiene

Concen: 44.760 ng

RT: 8.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

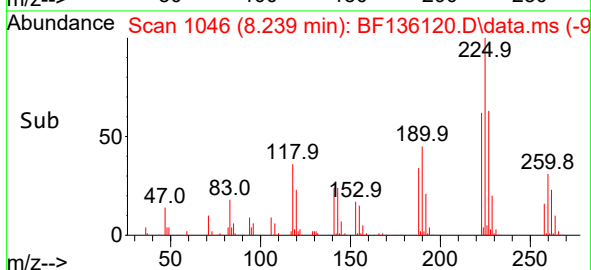
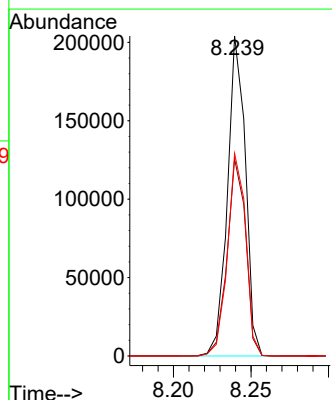
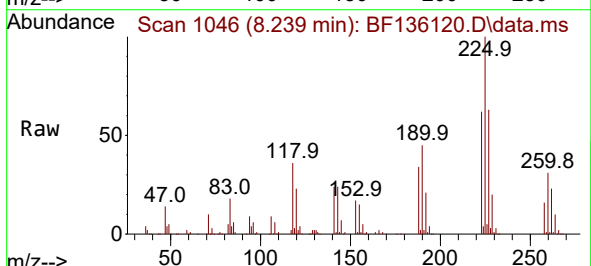
Tgt Ion:225 Resp: 164290

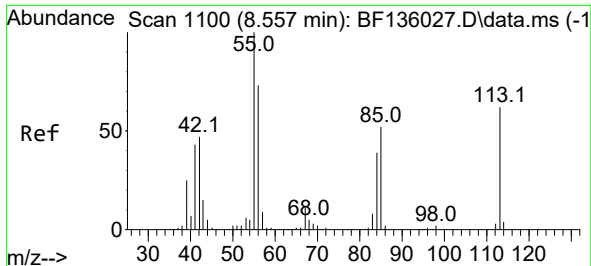
Ion Ratio Lower Upper

225 100

223 61.5 50.3 75.5

227 63.3 50.6 75.8

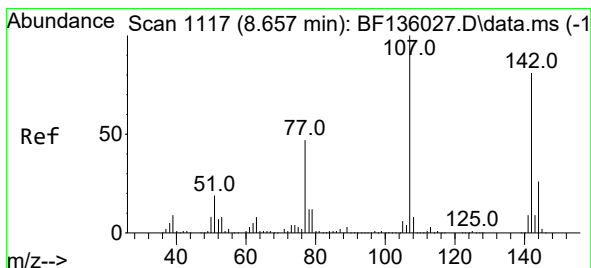
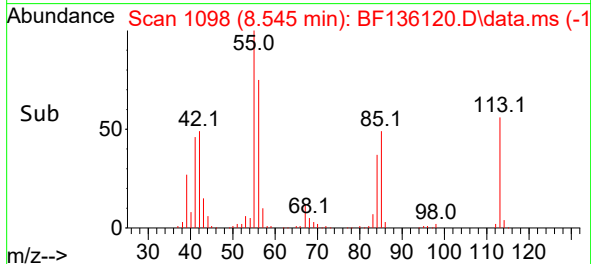
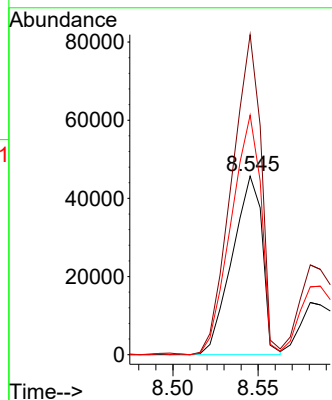
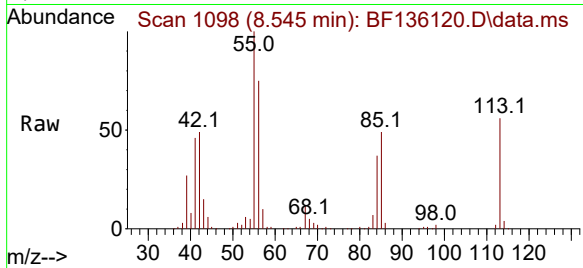




#35  
 Caprolactam  
 Concen: 29.370 ng  
 RT: 8.545 min Scan# 1098  
 Delta R.T. -0.012 min  
 Lab File: BF136120.D  
 Acq: 03 Nov 2023 12:57

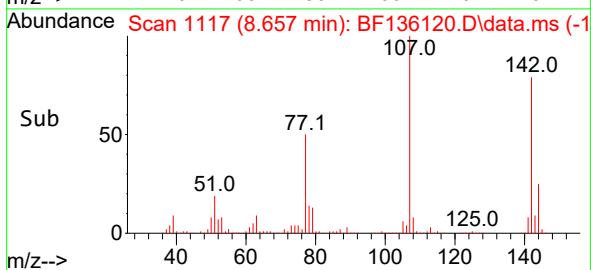
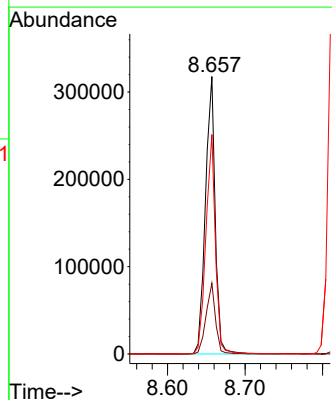
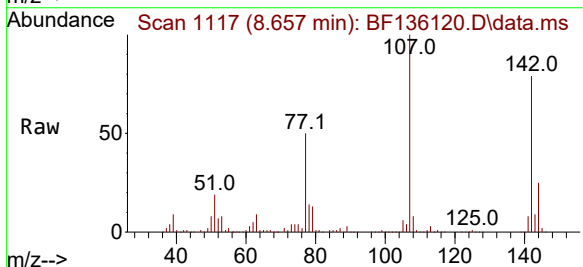
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB156798BS

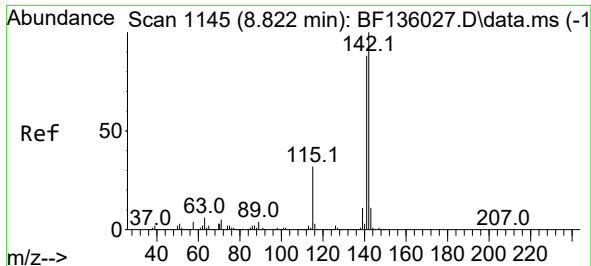
Tgt Ion:113 Resp: 56030  
 Ion Ratio Lower Upper  
 113 100  
 55 179.1 142.2 182.2  
 56 134.1 97.7 137.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.356 ng  
 RT: 8.657 min Scan# 1117  
 Delta R.T. 0.000 min  
 Lab File: BF136120.D  
 Acq: 03 Nov 2023 12:57

Tgt Ion:107 Resp: 279371  
 Ion Ratio Lower Upper  
 107 100  
 144 25.5 20.6 31.0  
 142 79.1 64.6 97.0

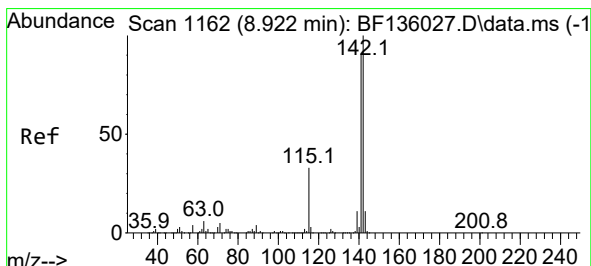
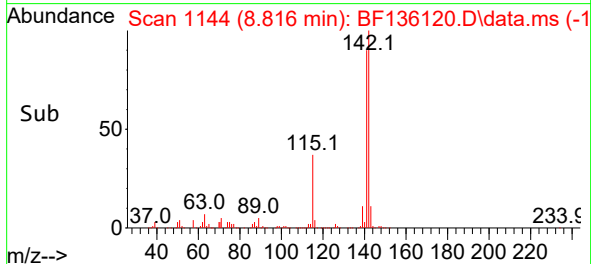
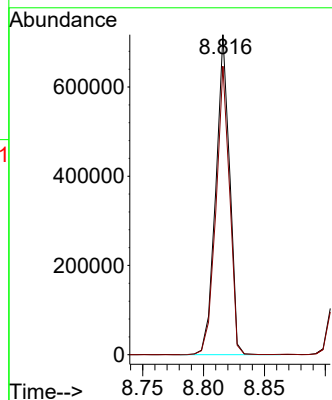
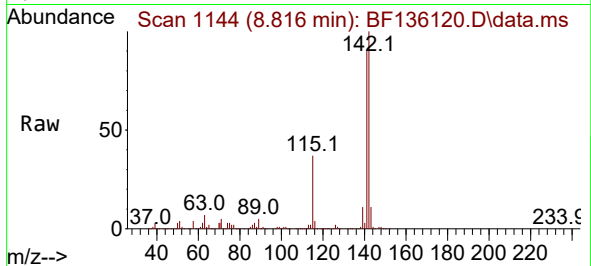




#37  
2-Methylnaphthalene  
Concen: 40.681 ng  
RT: 8.816 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

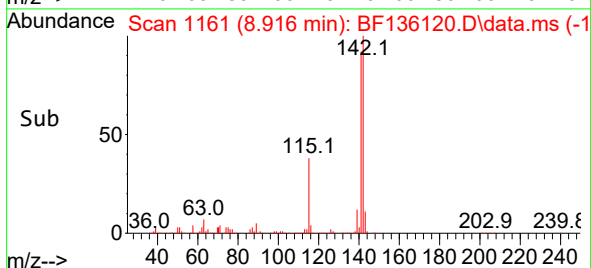
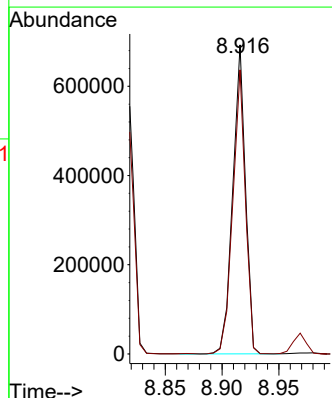
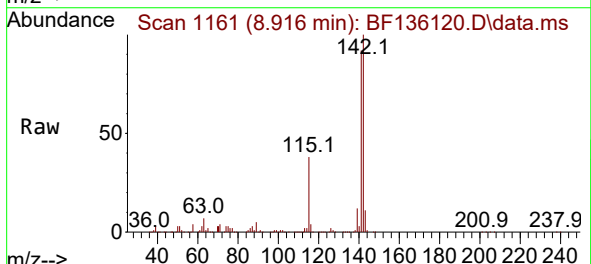
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

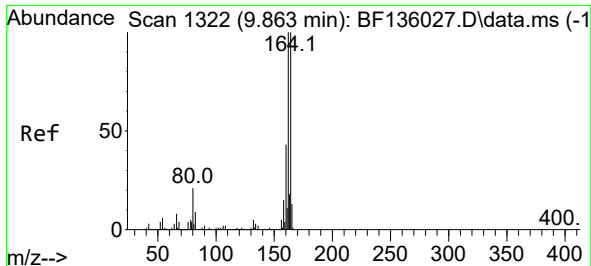
Tgt Ion:142 Resp: 565870  
Ion Ratio Lower Upper  
142 100  
141 90.1 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 41.596 ng  
RT: 8.916 min Scan# 1161  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:142 Resp: 538448  
Ion Ratio Lower Upper  
142 100  
141 91.9 72.6 109.0

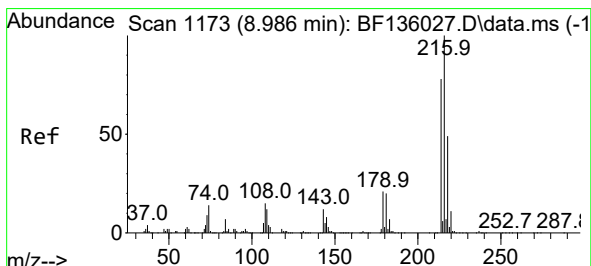
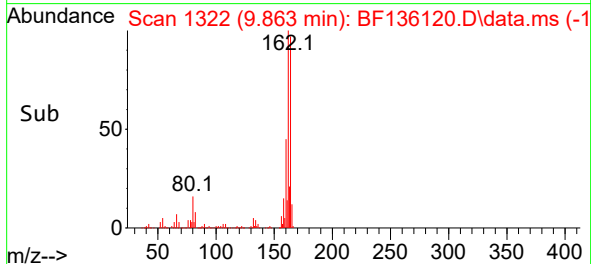
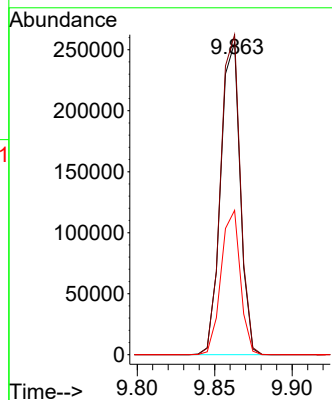
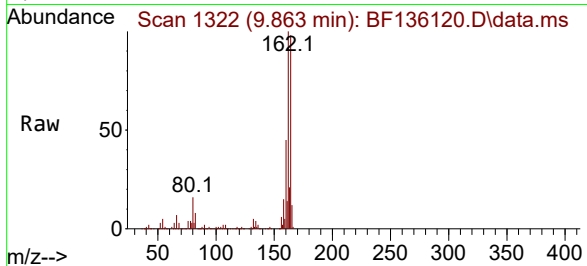




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

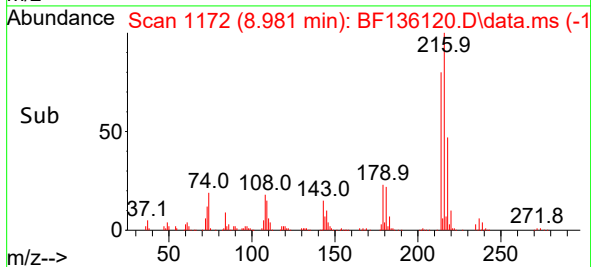
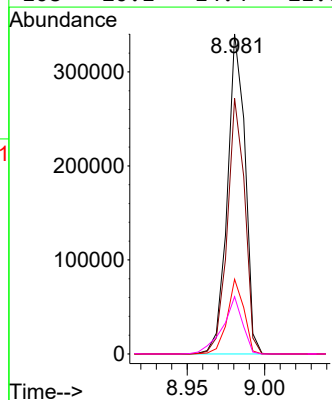
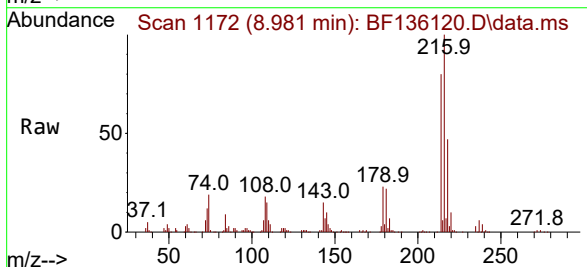
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

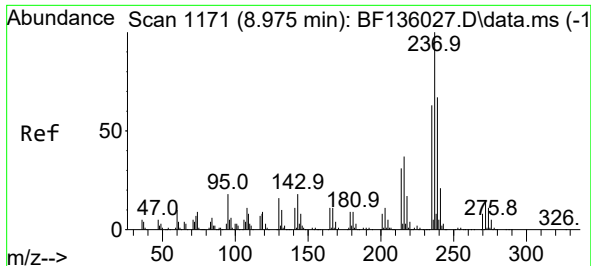
Tgt Ion:164 Resp: 224764  
Ion Ratio Lower Upper  
164 100  
162 102.5 80.1 120.1  
160 46.2 34.8 52.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.160 ng  
RT: 8.981 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:216 Resp: 270246  
Ion Ratio Lower Upper  
216 100  
214 78.3 63.8 95.6  
179 22.0 17.5 26.3  
108 20.1 14.4 21.6

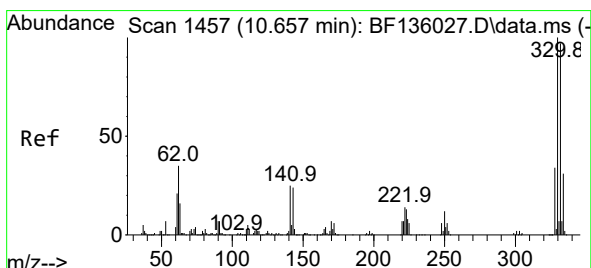
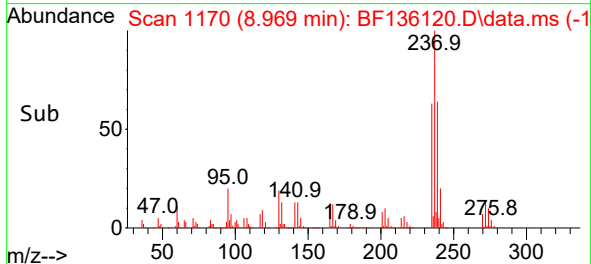
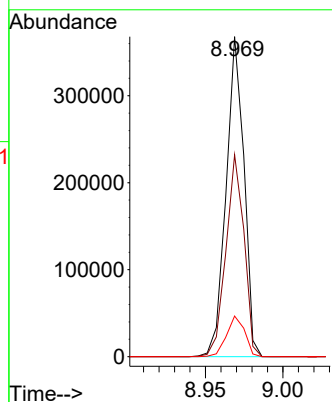
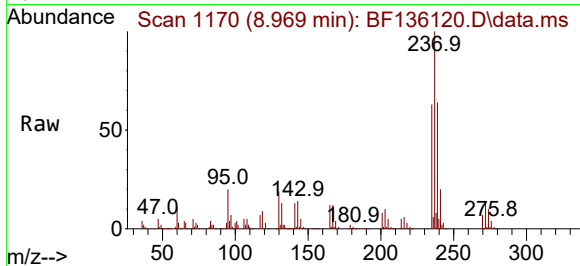




#41  
Hexachlorocyclopentadiene  
Concen: 86.188 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

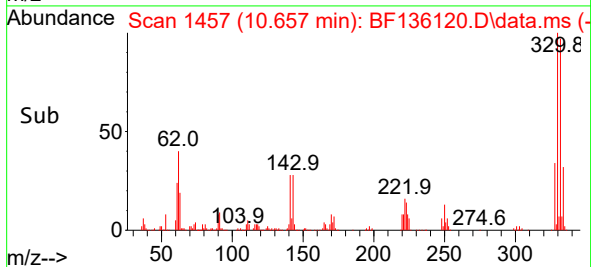
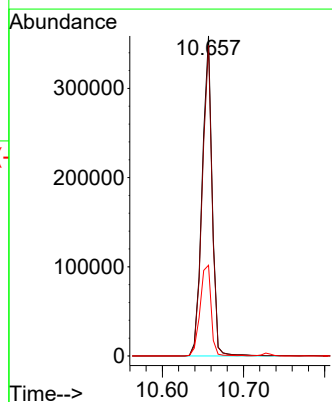
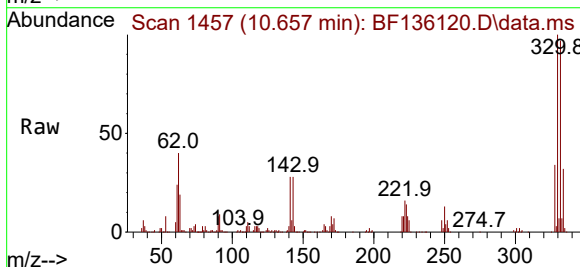
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

Tgt Ion: 237 Resp: 295155  
Ion Ratio Lower Upper  
237 100  
235 63.1 43.3 83.3  
272 12.7 0.0 34.2

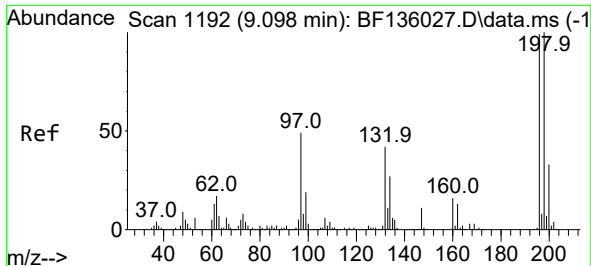


#42  
2,4,6-Tribromophenol  
Concen: 127.390 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion: 330 Resp: 305618  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.9 115.3  
141 31.5 23.2 34.8







#43

2,4,6-Trichlorophenol

Concen: 43.519 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

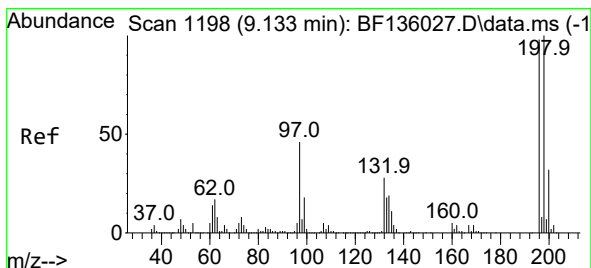
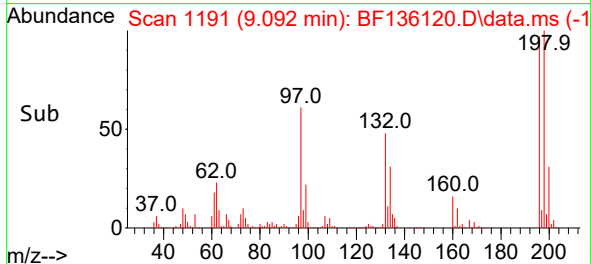
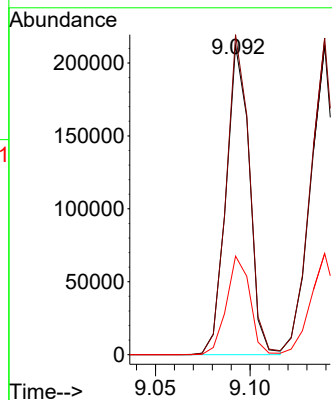
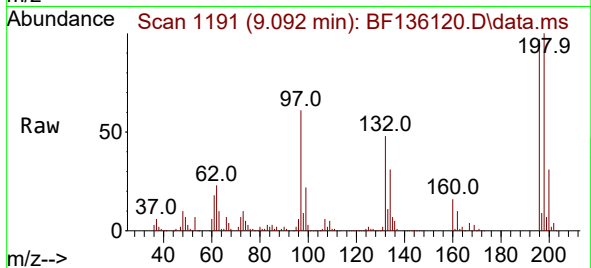
Tgt Ion:196 Resp: 181887

Ion Ratio Lower Upper

196 100

198 103.3 80.7 121.1

200 31.9 26.8 40.2



#44

2,4,5-Trichlorophenol

Concen: 40.380 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Tgt Ion:196 Resp: 195495

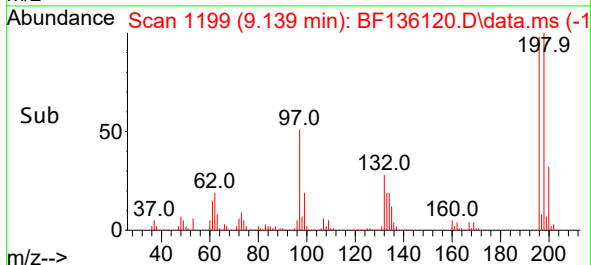
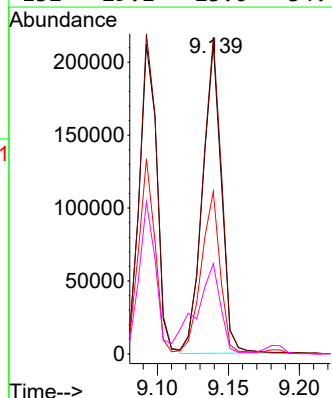
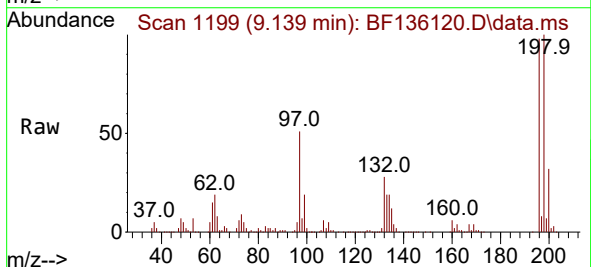
Ion Ratio Lower Upper

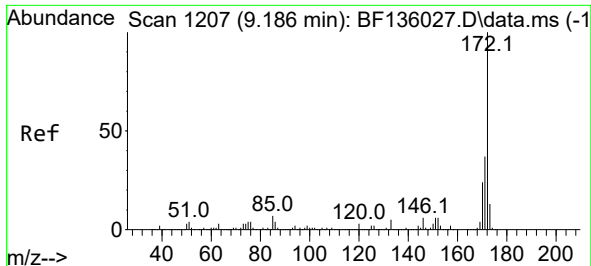
196 100

198 102.3 81.6 122.4

97 52.5 38.2 57.2

132 29.1 23.0 34.4

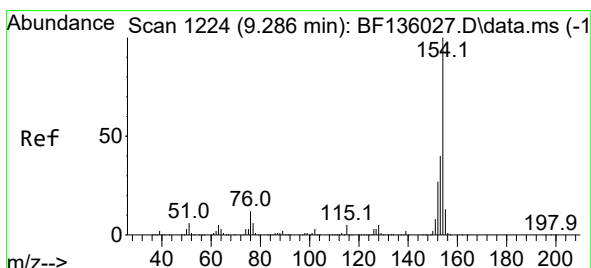
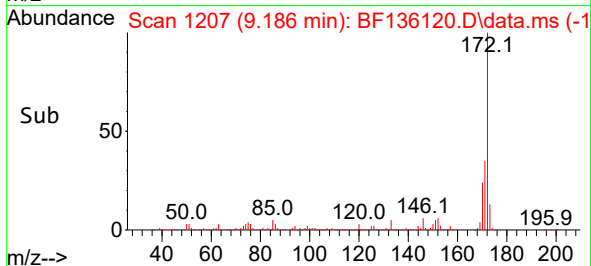
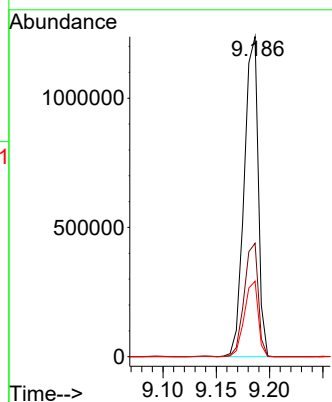
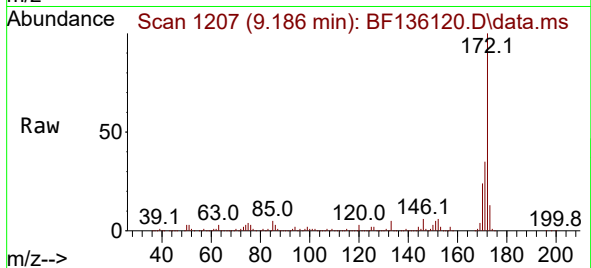




#45  
2-Fluorobiphenyl  
Concen: 80.411 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

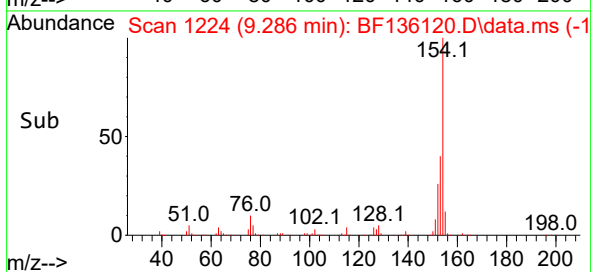
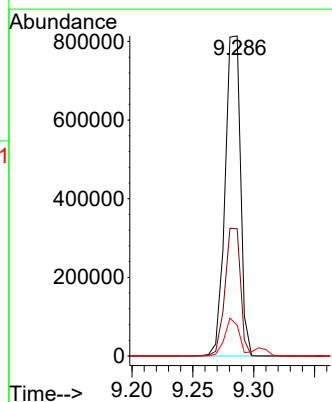
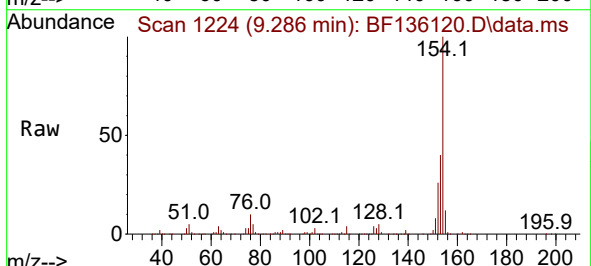
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

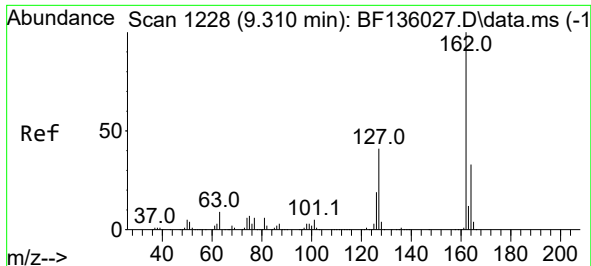
Tgt Ion:172 Resp: 1133771  
Ion Ratio Lower Upper  
172 100  
171 35.4 29.4 44.0  
170 23.6 19.3 28.9



#46  
1,1'-Biphenyl  
Concen: 41.853 ng  
RT: 9.286 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:154 Resp: 717108  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.1 60.1  
76 9.6 0.0 32.5





#47

2-Chloronaphthalene

Concen: 43.807 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

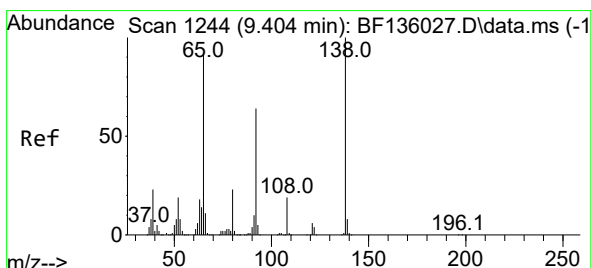
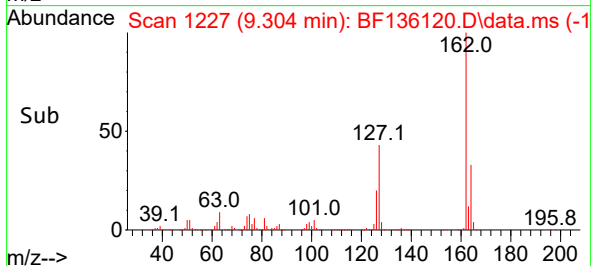
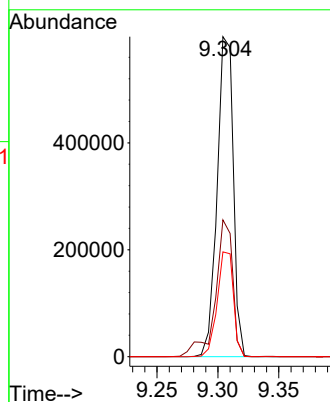
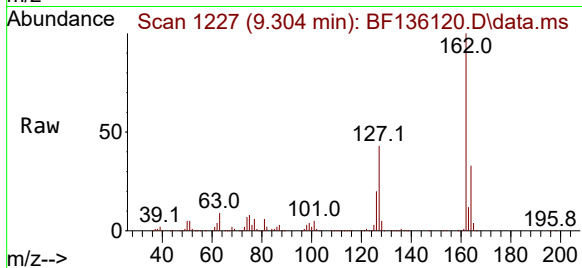
Tgt Ion:162 Resp: 553335

Ion Ratio Lower Upper

162 100

127 42.8 32.4 48.6

164 32.8 26.7 40.1



#48

2-Nitroaniline

Concen: 45.825 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

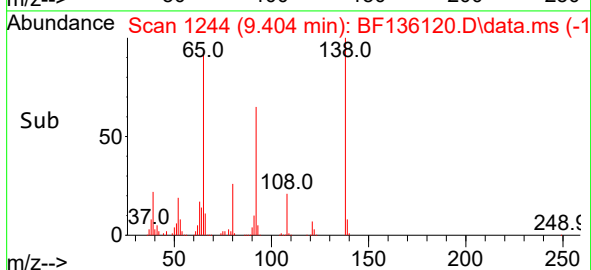
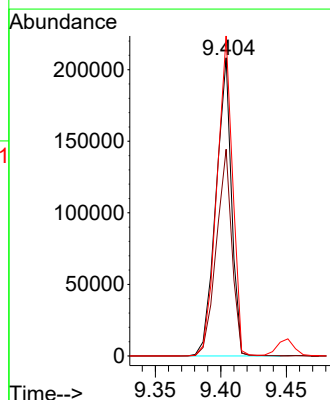
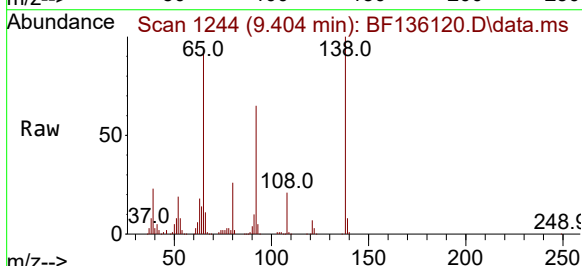
Tgt Ion: 65 Resp: 171301

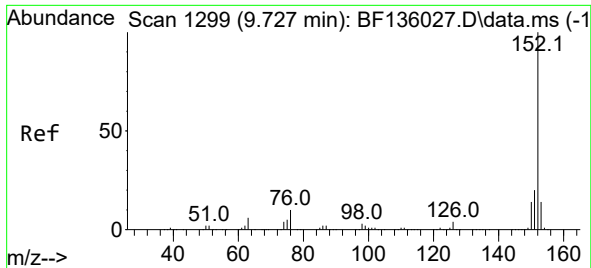
Ion Ratio Lower Upper

65 100

92 69.3 55.7 83.5

138 107.3 86.8 130.2

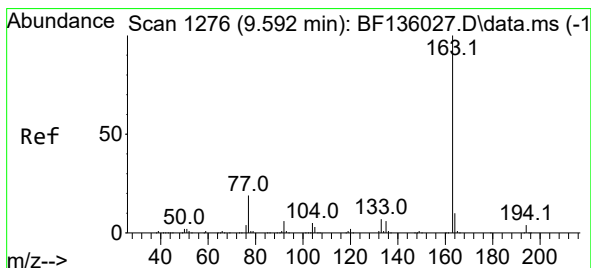
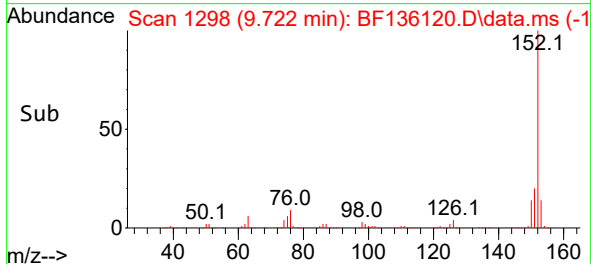
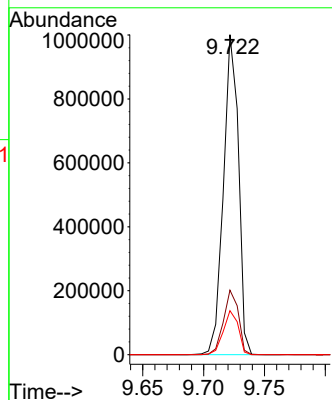
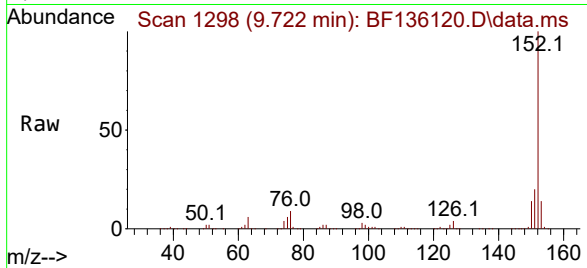




#49  
Acenaphthylene  
Concen: 43.658 ng  
RT: 9.722 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

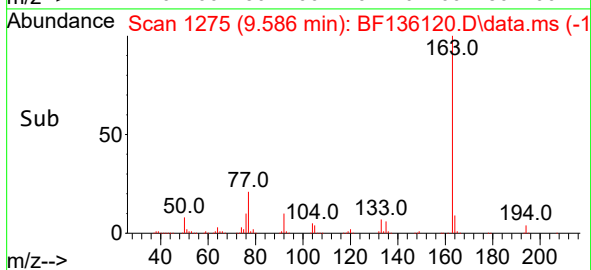
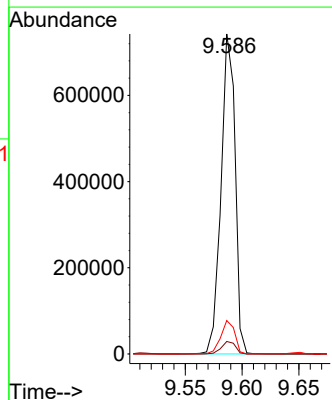
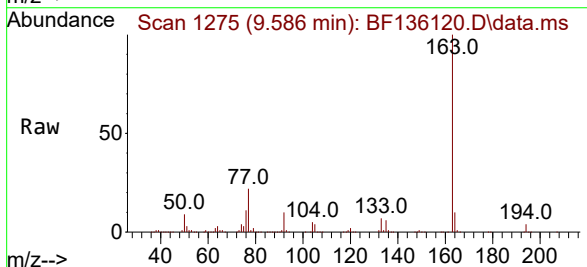
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

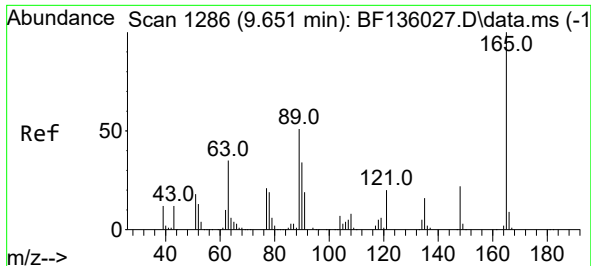
Tgt Ion:152 Resp: 860280  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1  
153 13.8 11.4 17.2



#50  
Dimethylphthalate  
Concen: 43.301 ng  
RT: 9.586 min Scan# 1275  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:163 Resp: 641972  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.720 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

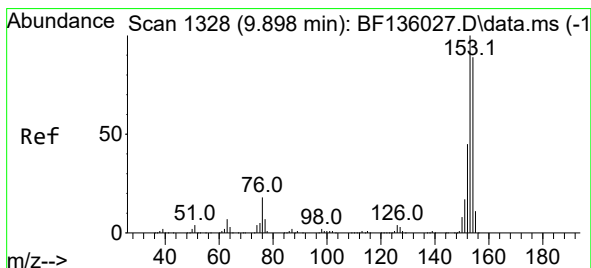
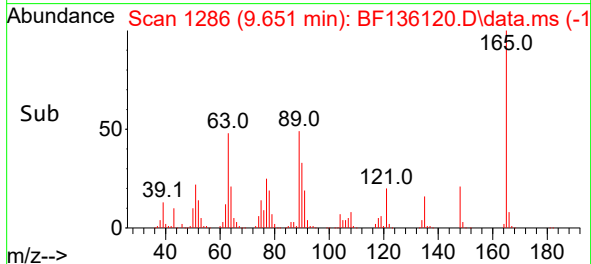
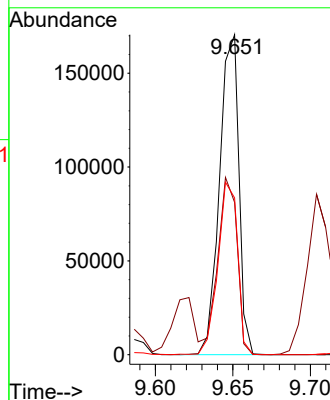
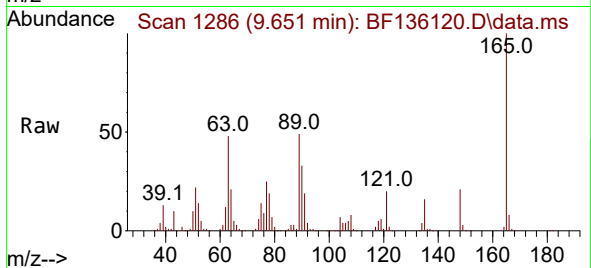
Tgt Ion:165 Resp: 148146

Ion Ratio Lower Upper

165 100

63 47.6 40.8 61.2

89 49.0 41.1 61.7



#52

Acenaphthene

Concen: 41.810 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

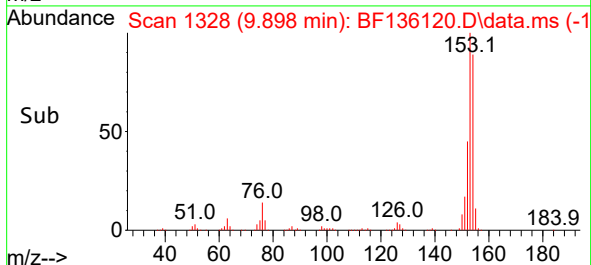
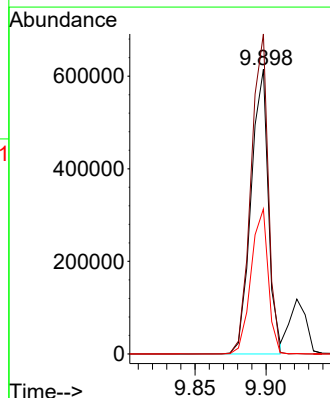
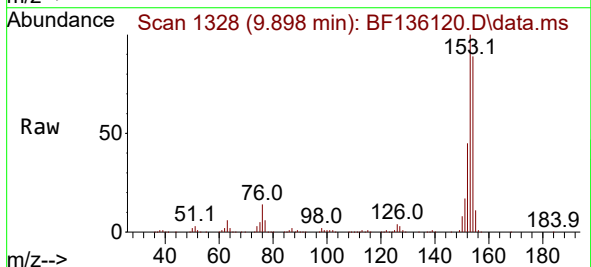
Tgt Ion:154 Resp: 523738

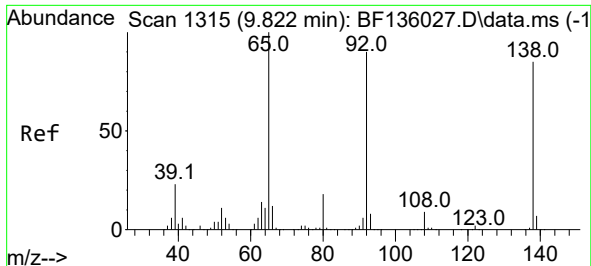
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 50.9 40.2 60.2

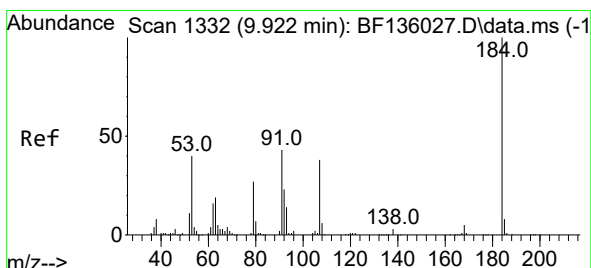
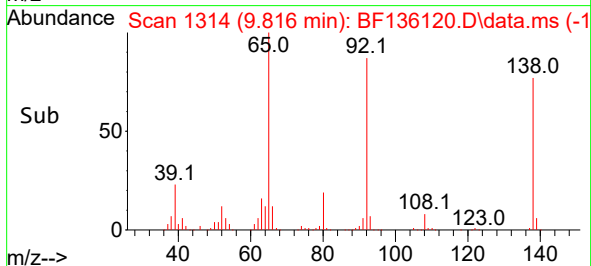
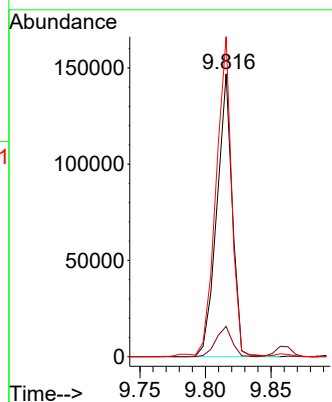
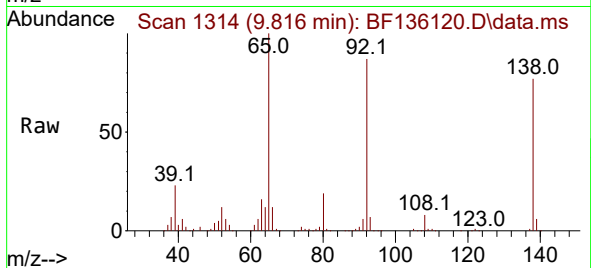




#53  
3-Nitroaniline  
Concen: 32.482 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

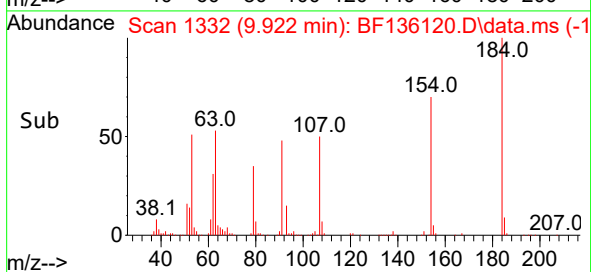
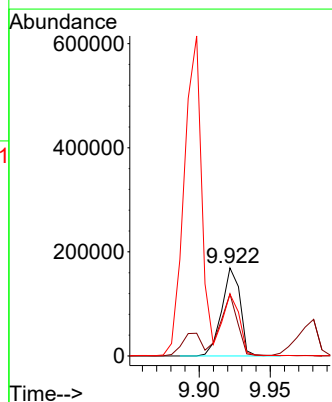
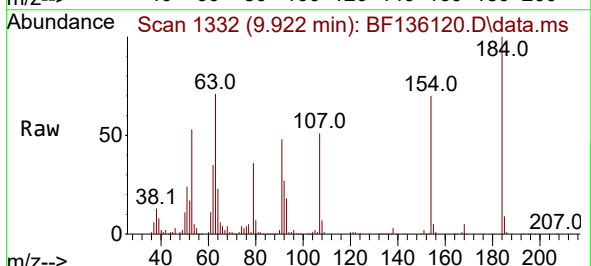
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

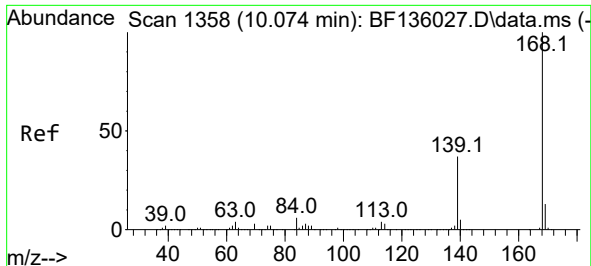
Tgt Ion:138 Resp: 120181  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.8 13.2  
92 113.1 84.6 126.8



#54  
2,4-Dinitrophenol  
Concen: 87.817 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:184 Resp: 152406  
Ion Ratio Lower Upper  
184 100  
63 70.7 43.7 65.5#  
154 70.2 51.2 76.8

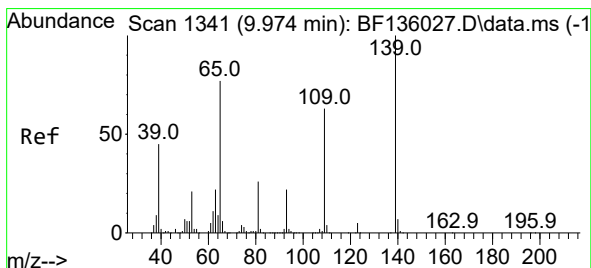
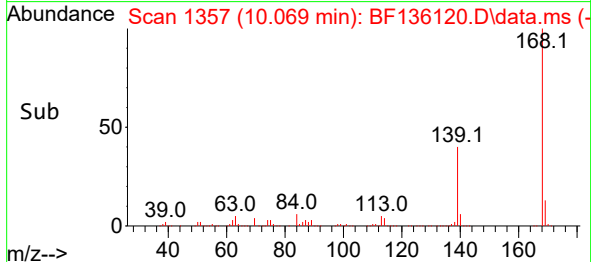
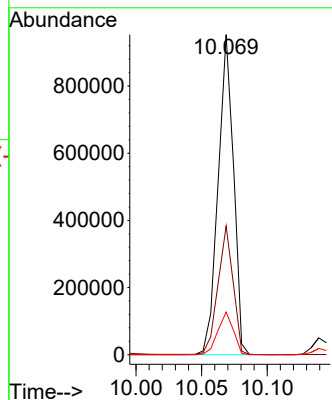
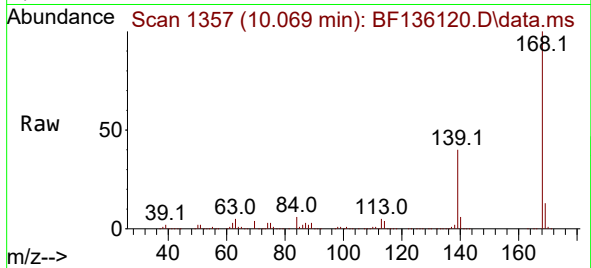




#55  
Dibenzofuran  
Concen: 42.403 ng  
RT: 10.069 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

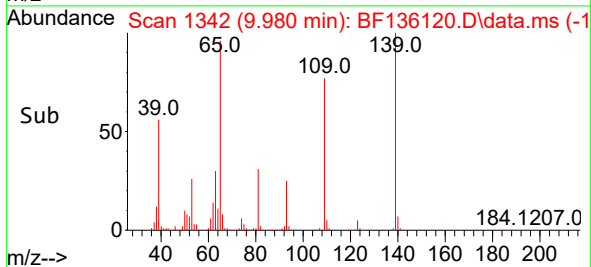
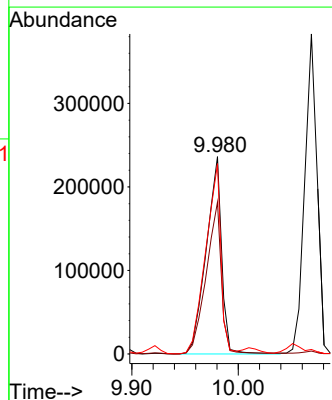
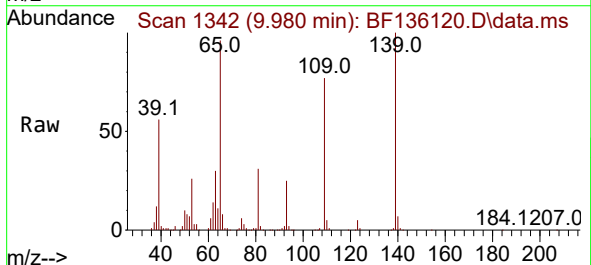
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

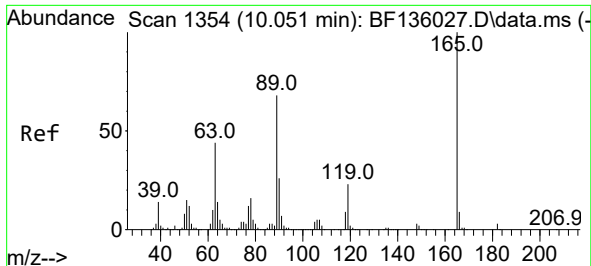
Tgt Ion:168 Resp: 774535  
Ion Ratio Lower Upper  
168 100  
139 40.2 29.4 44.0  
169 13.3 10.5 15.7



#56  
4-Nitrophenol  
Concen: 86.830 ng  
RT: 9.980 min Scan# 1342  
Delta R.T. 0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:139 Resp: 240308  
Ion Ratio Lower Upper  
139 100  
109 76.9 43.2 83.2  
65 96.4 57.6 97.6





#57

2,4-Dinitrotoluene

Concen: 48.215 ng

RT: 10.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136120.D

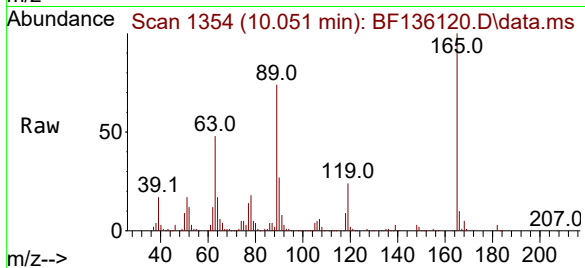
Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS



Tgt Ion:165 Resp: 193437

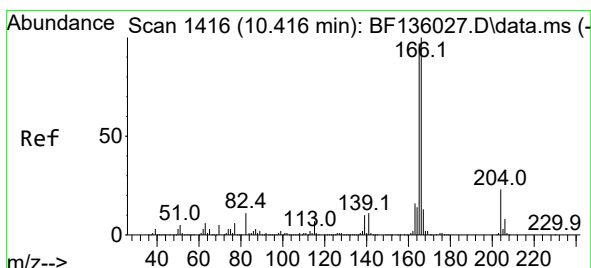
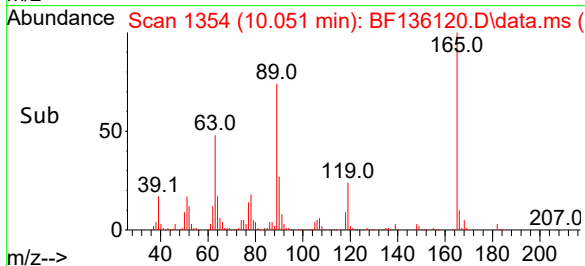
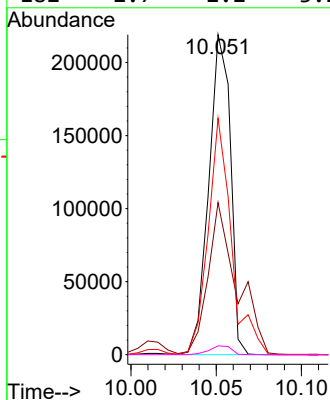
Ion Ratio Lower Upper

165 100

63 47.5 35.2 52.8

89 73.9 54.8 82.2

182 2.7 2.2 3.2



#58

Fluorene

Concen: 43.354 ng

RT: 10.416 min Scan# 1416

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

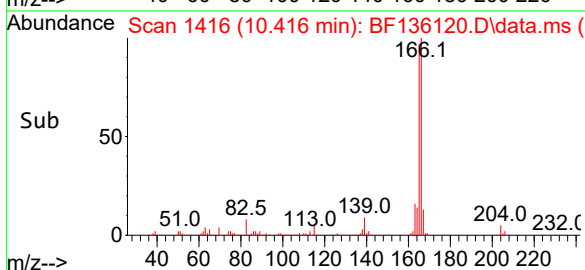
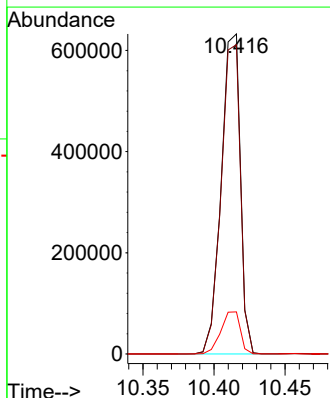
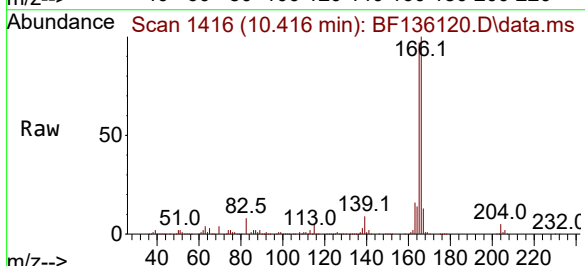
Tgt Ion:166 Resp: 592912

Ion Ratio Lower Upper

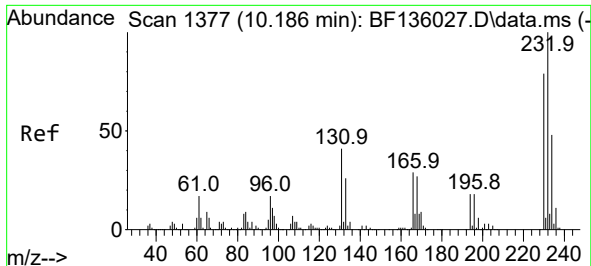
166 100

165 96.7 77.7 116.5

167 13.1 10.6 16.0



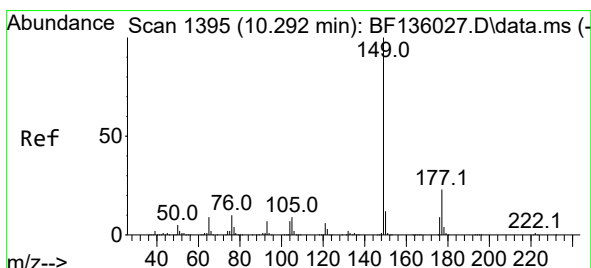
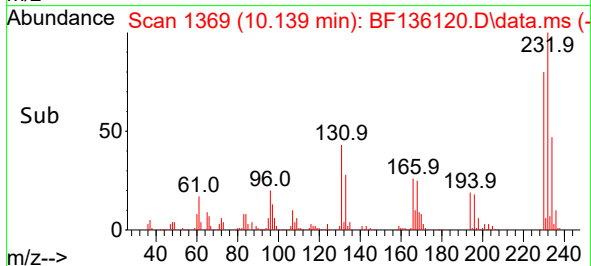
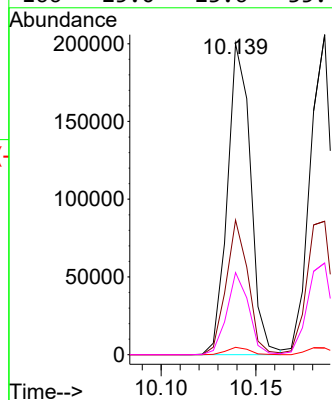
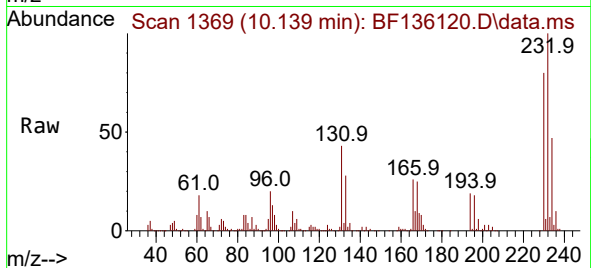




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.323 ng  
RT: 10.139 min Scan# 1369  
Delta R.T. -0.047 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

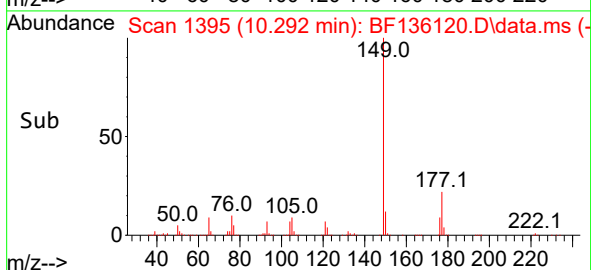
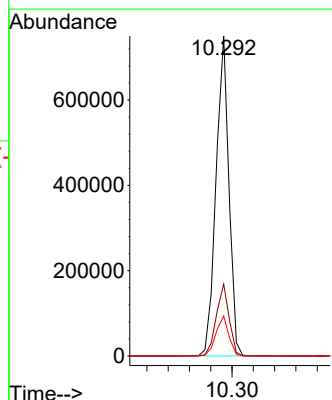
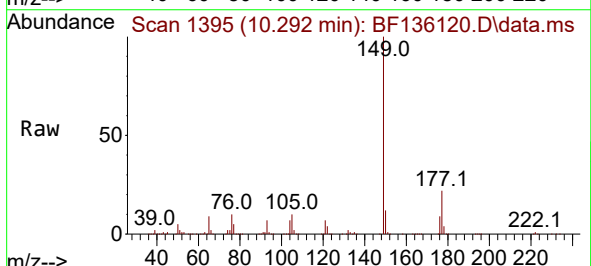
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

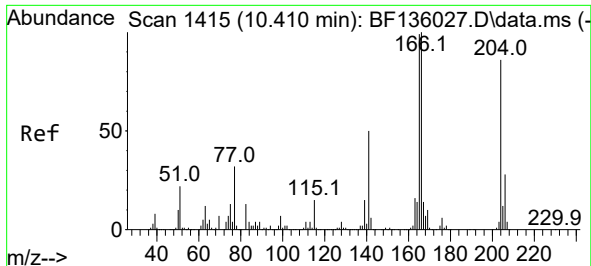
Tgt Ion:232 Resp: 170602  
Ion Ratio Lower Upper  
232 100  
131 41.2 34.6 52.0  
130 2.3 1.6 2.4  
166 25.0 23.6 35.4



#60  
Diethylphthalate  
Concen: 44.399 ng  
RT: 10.292 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:149 Resp: 628934  
Ion Ratio Lower Upper  
149 100  
177 22.4 18.2 27.4  
150 12.4 9.9 14.9

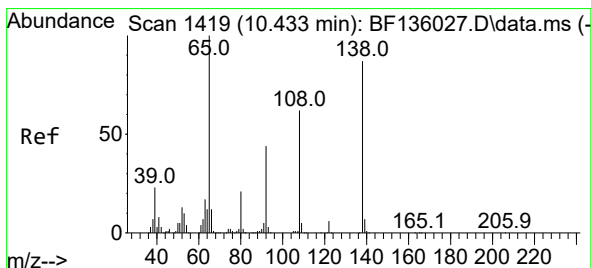
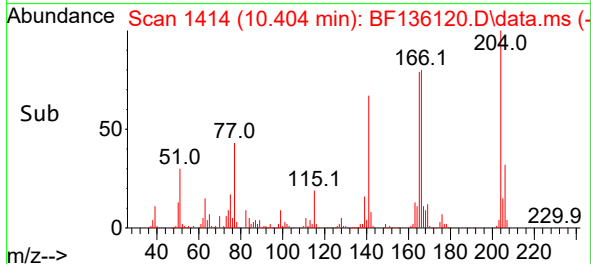
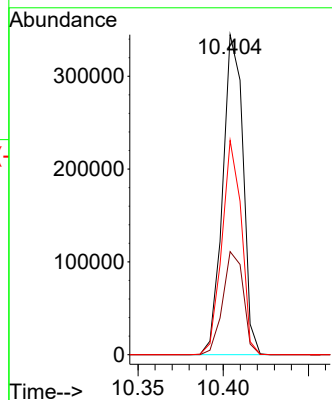
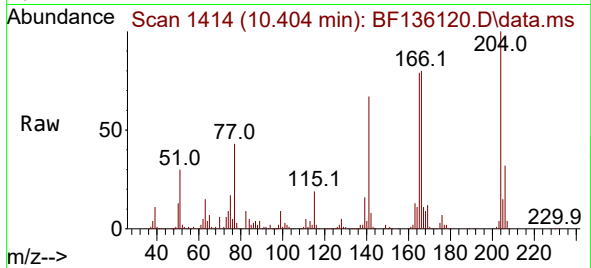




#61  
4-Chlorophenyl-phenylether  
Concen: 41.942 ng  
RT: 10.404 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

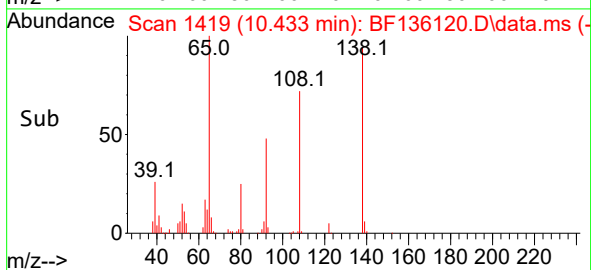
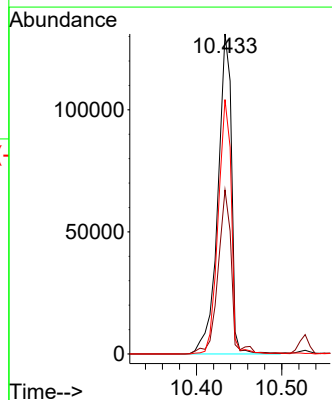
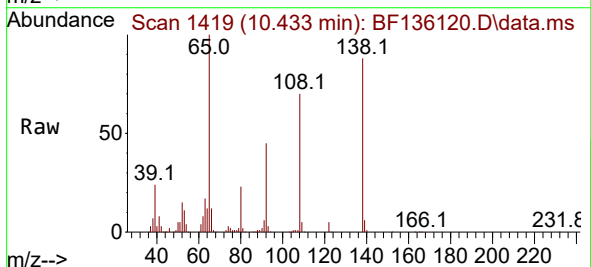
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

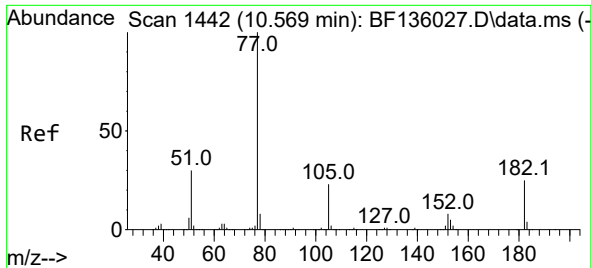
Tgt Ion:204 Resp: 286325  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.6 39.8  
141 66.9 46.8 70.2



#62  
4-Nitroaniline  
Concen: 40.942 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:138 Resp: 145865  
Ion Ratio Lower Upper  
138 100  
92 51.2 30.6 70.6  
108 79.5 51.5 91.5

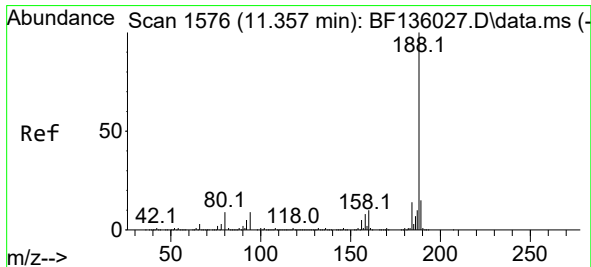
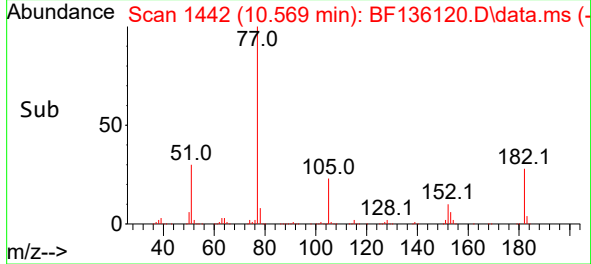
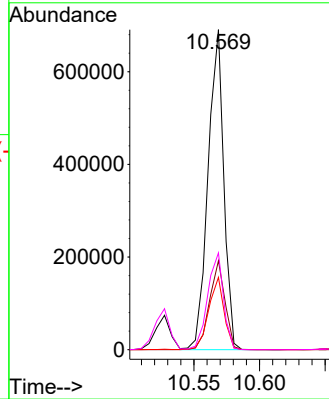
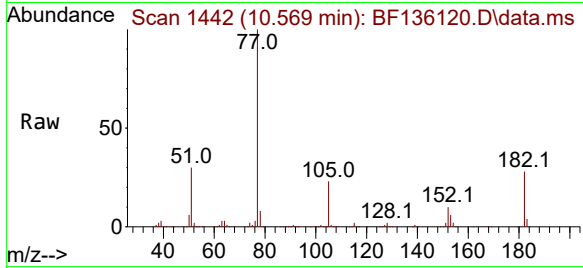




#63  
Azobenzene  
Concen: 42.367 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

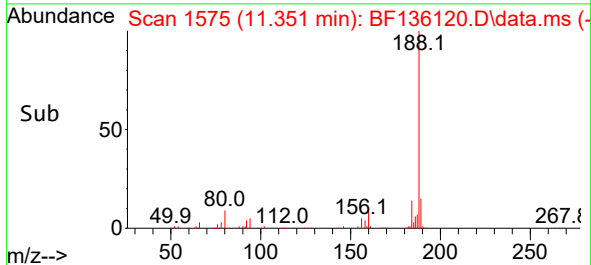
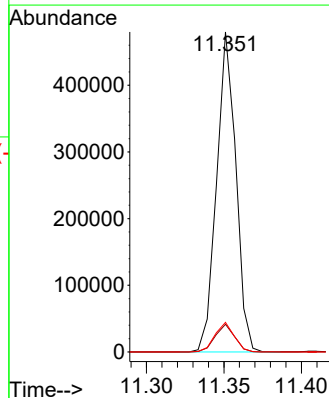
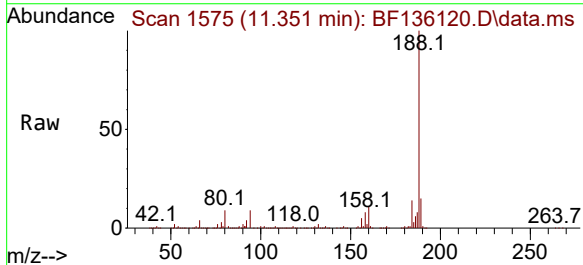
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

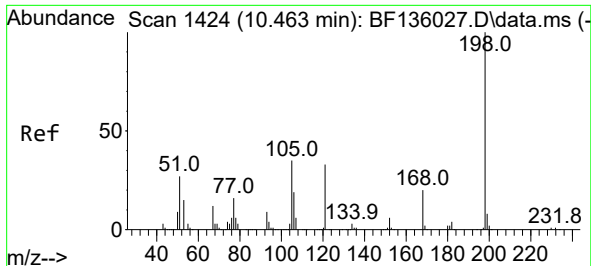
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 577984 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 27.8  | 5.0   | 45.0   |
| 105      | 22.6  | 2.6   | 42.6   |
| 51       | 30.2  | 9.9   | 49.9   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 414398 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.7   | 7.2   | 10.8   |
| 80       | 9.2   | 7.4   | 11.0   |

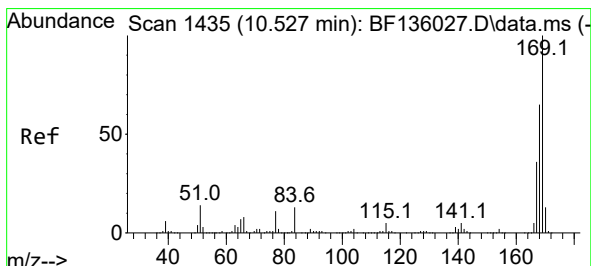
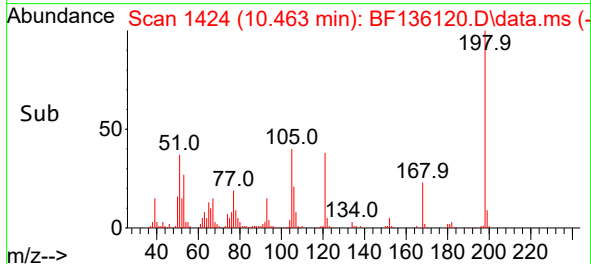
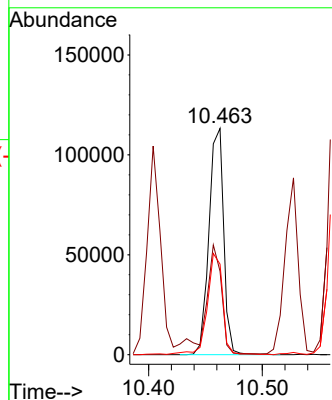
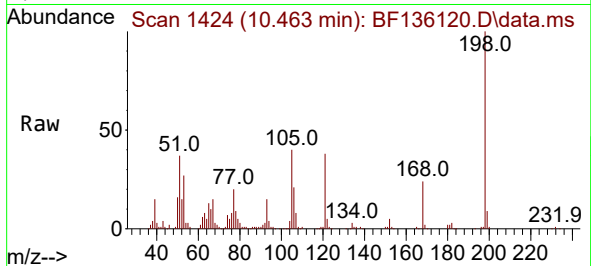




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.126 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

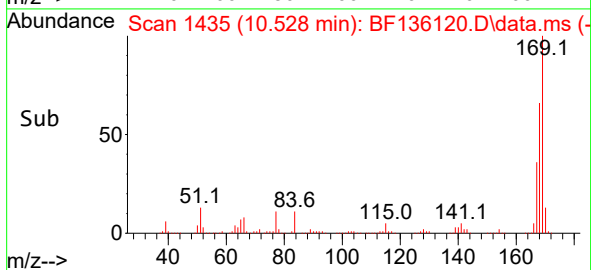
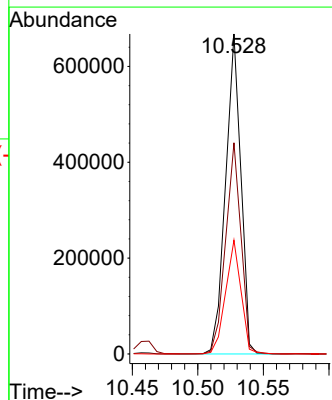
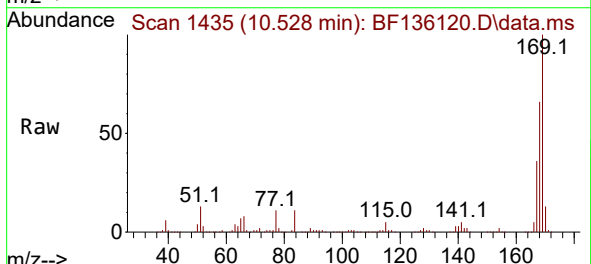
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

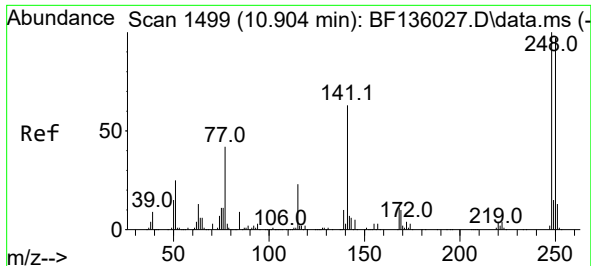
Tgt Ion:198 Resp: 101853  
Ion Ratio Lower Upper  
198 100  
51 36.8 12.9 52.9  
105 40.1 16.0 56.0



#66  
n-Nitrosodiphenylamine  
Concen: 43.139 ng  
RT: 10.528 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:169 Resp: 539277  
Ion Ratio Lower Upper  
169 100  
168 66.0 52.2 78.2  
167 35.5 28.7 43.1

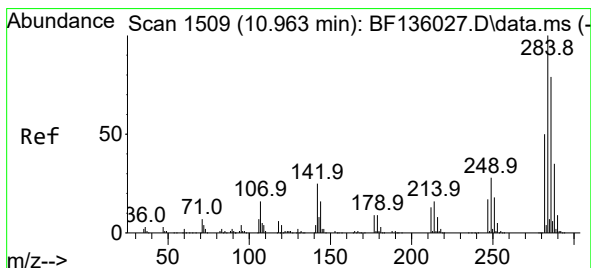
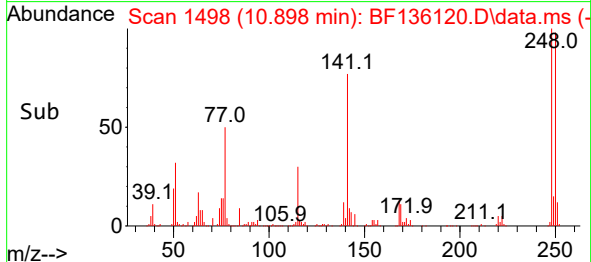
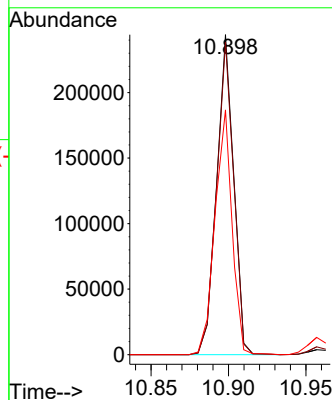
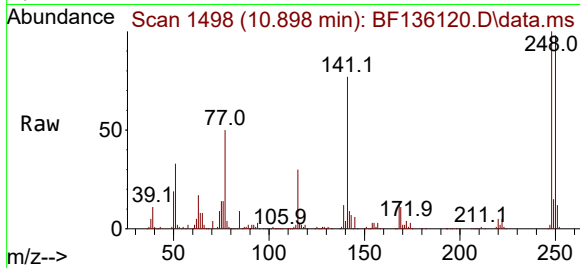




#67  
4-Bromophenyl-phenylether  
Concen: 43.154 ng  
RT: 10.898 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

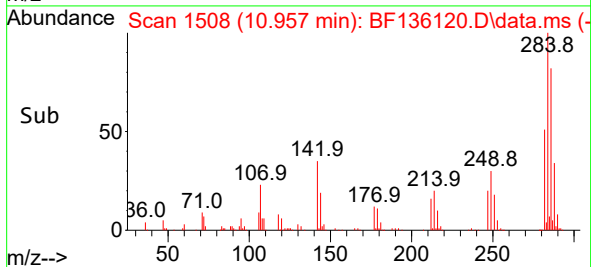
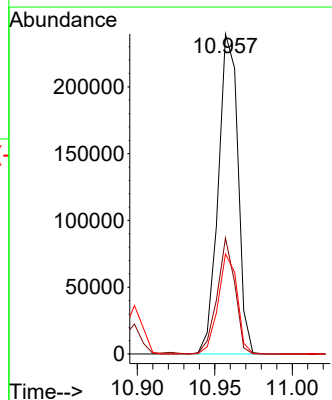
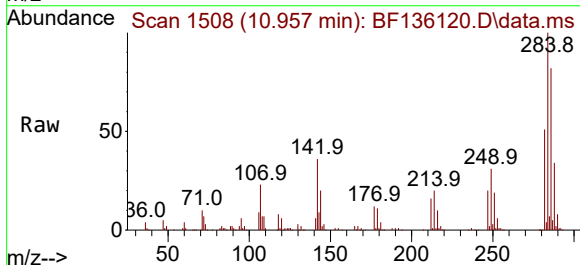
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

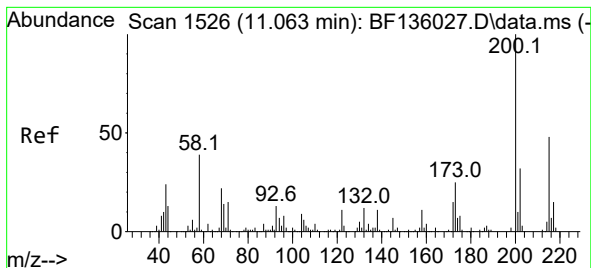
Tgt Ion:248 Resp: 187491  
Ion Ratio Lower Upper  
248 100  
250 97.7 77.6 116.4  
141 76.5 50.4 75.6#



#68  
Hexachlorobenzene  
Concen: 45.612 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:284 Resp: 211646  
Ion Ratio Lower Upper  
284 100  
142 36.2 20.2 30.4#  
249 31.3 22.6 33.8





#69

Atrazine

Concen: 51.209 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

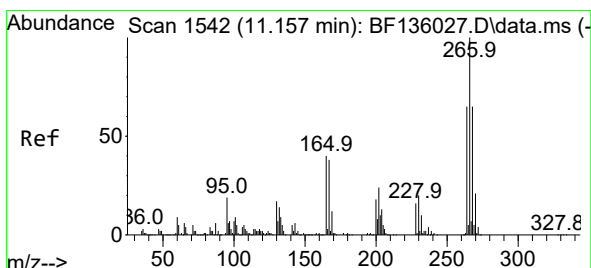
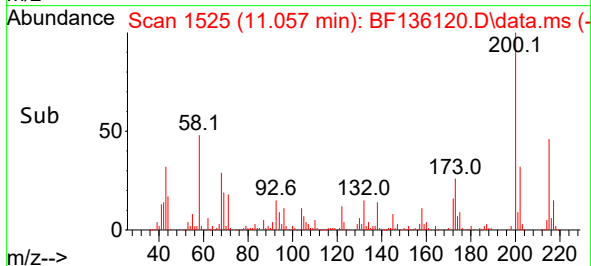
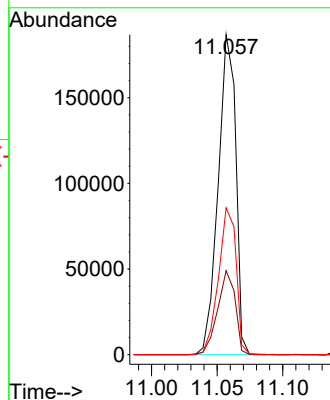
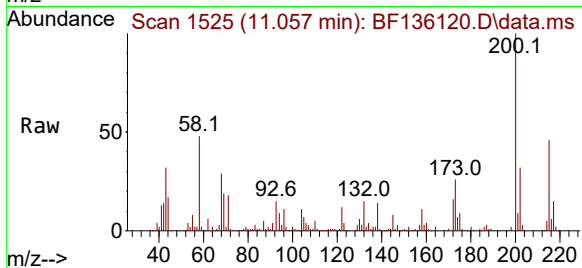
Tgt Ion:200 Resp: 174173

Ion Ratio Lower Upper

200 100

173 26.3 5.2 45.2

215 45.9 28.4 68.4



#70

Pentachlorophenol

Concen: 72.982 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

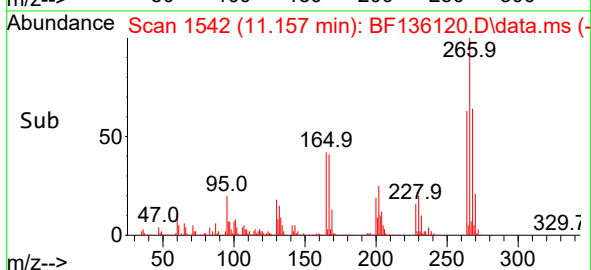
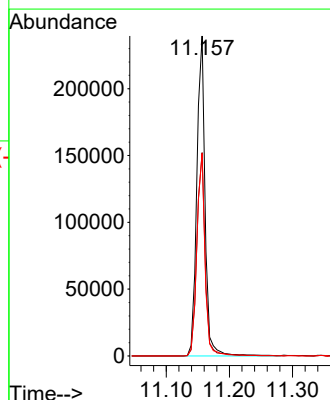
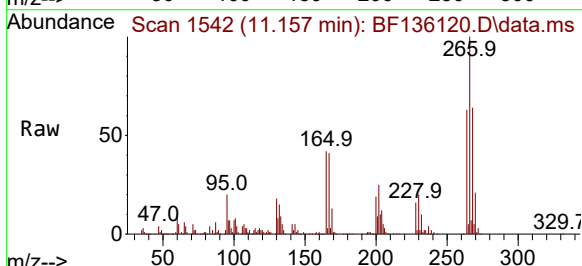
Tgt Ion:266 Resp: 217488

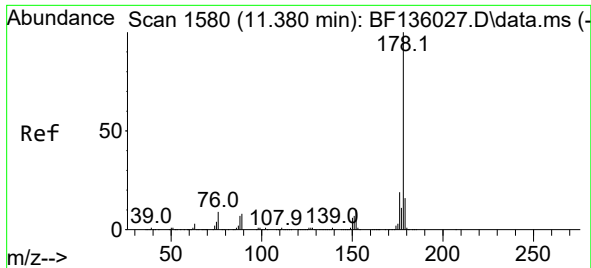
Ion Ratio Lower Upper

266 100

268 63.5 52.2 78.4

264 63.3 52.2 78.4

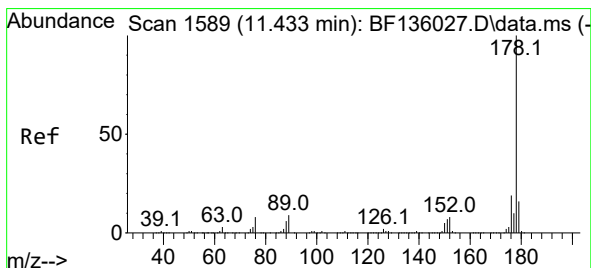
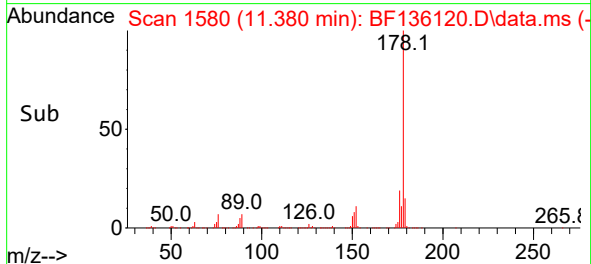
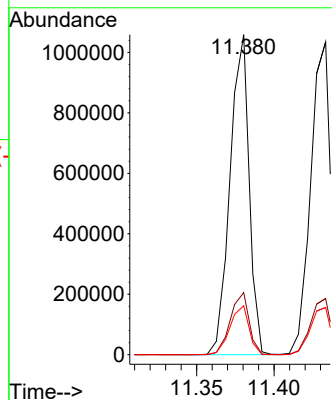
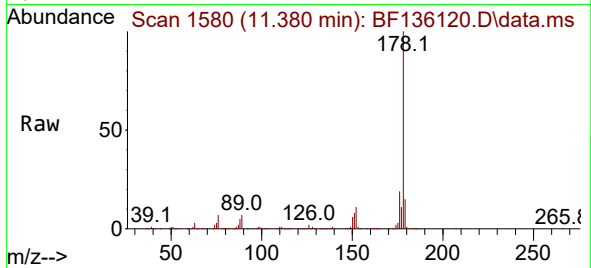




#71  
Phenanthrene  
Concen: 43.462 ng  
RT: 11.380 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

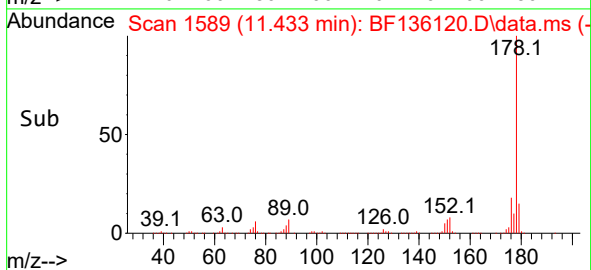
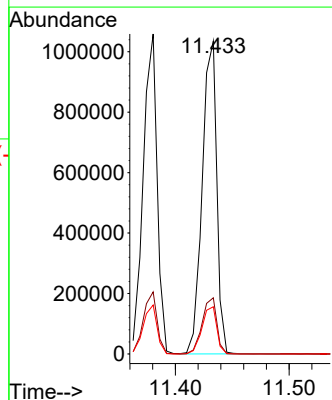
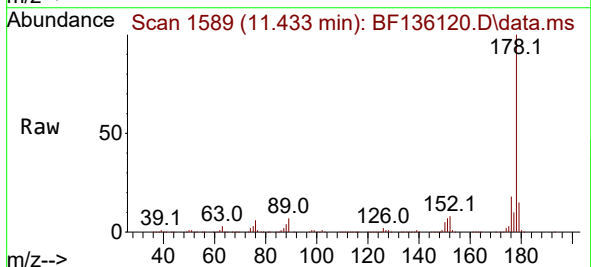
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

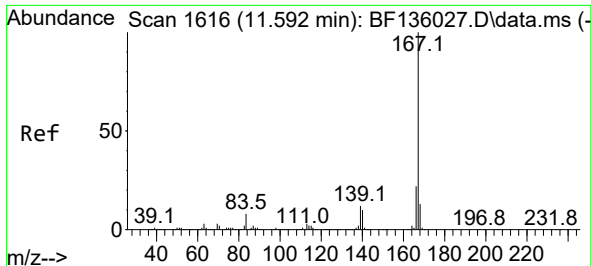
Tgt Ion:178 Resp: 906838  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.5 23.3  
179 15.3 12.9 19.3



#72  
Anthracene  
Concen: 43.057 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:178 Resp: 920580  
Ion Ratio Lower Upper  
178 100  
176 18.0 15.0 22.4  
179 15.1 12.6 18.8

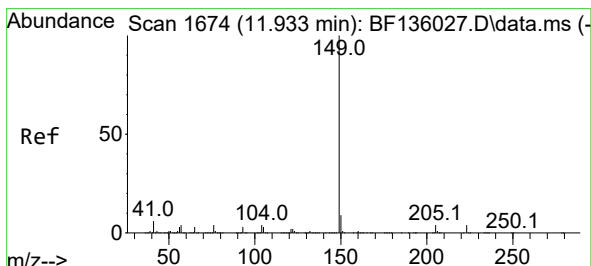
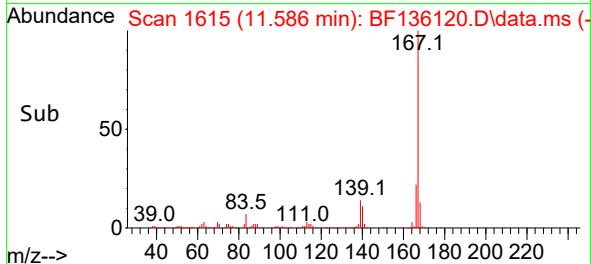
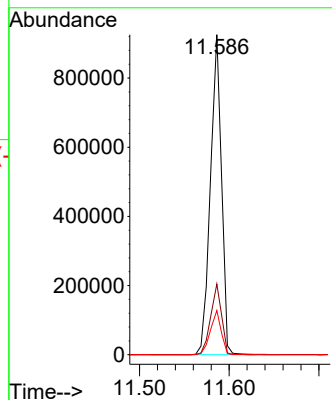
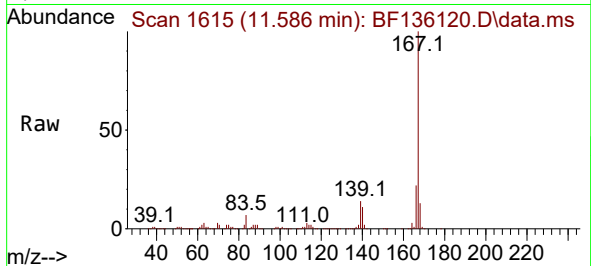




#73  
 Carbazole  
 Concen: 42.662 ng  
 RT: 11.586 min Scan# 1615  
 Delta R.T. -0.006 min  
 Lab File: BF136120.D  
 Acq: 03 Nov 2023 12:57

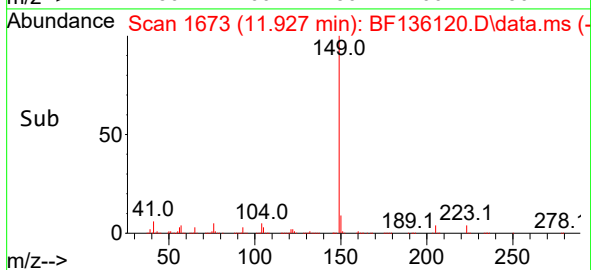
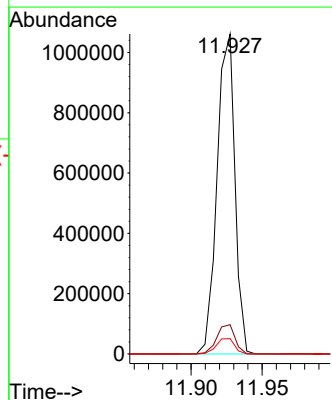
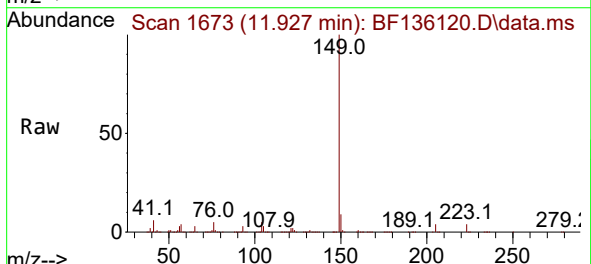
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB156798BS

Tgt Ion:167 Resp: 792626  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.2 25.8  
 139 13.8 9.9 14.9

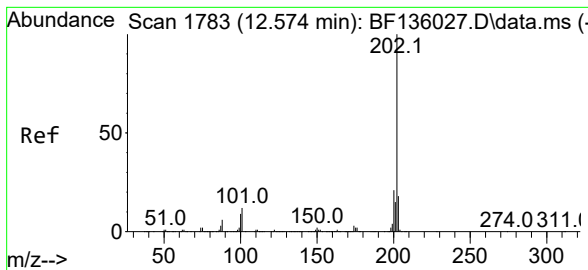


#74  
 Di-n-butylphthalate  
 Concen: 43.559 ng  
 RT: 11.927 min Scan# 1673  
 Delta R.T. -0.006 min  
 Lab File: BF136120.D  
 Acq: 03 Nov 2023 12:57

Tgt Ion:149 Resp: 924755  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 4.8 3.6 5.4



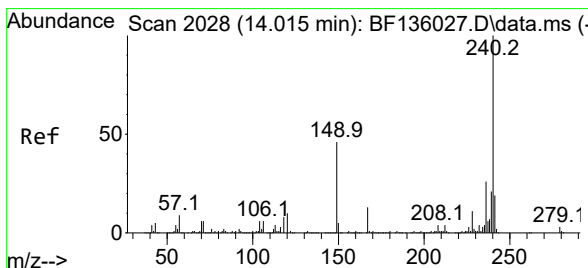
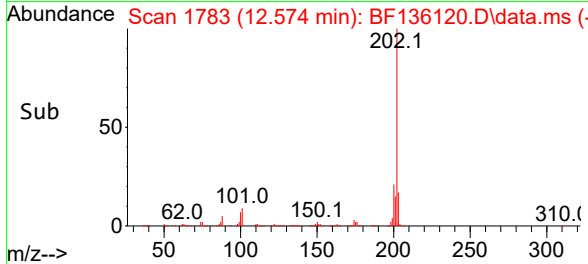
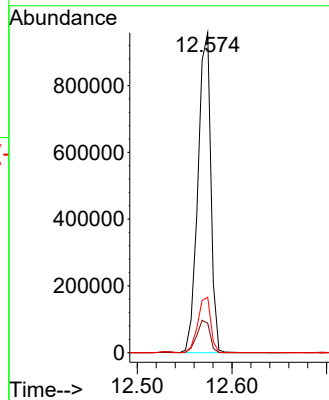
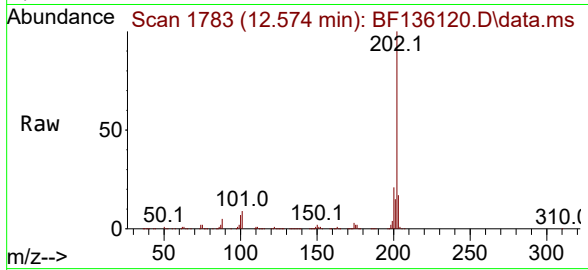




#75  
Fluoranthene  
Concen: 42.247 ng  
RT: 12.574 min Scan# 1783  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

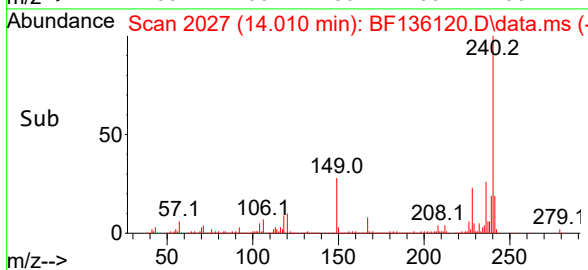
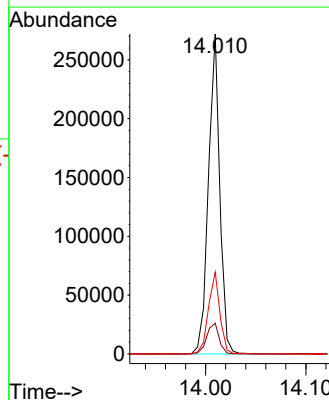
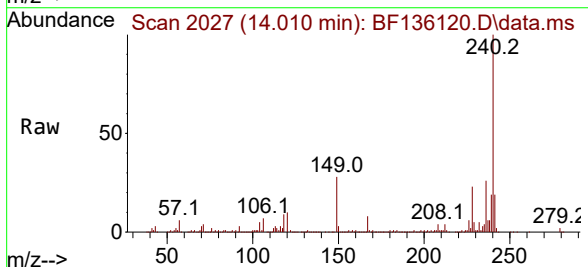
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

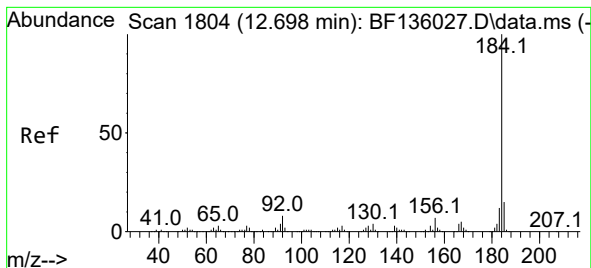
Tgt Ion:202 Resp: 905553  
Ion Ratio Lower Upper  
202 100  
101 9.2 0.0 31.8  
203 17.3 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:240 Resp: 215133  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.6 11.4  
236 25.6 20.6 31.0





#77

Benzidine

Concen: 33.837 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

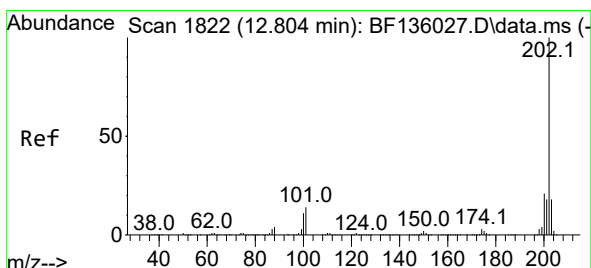
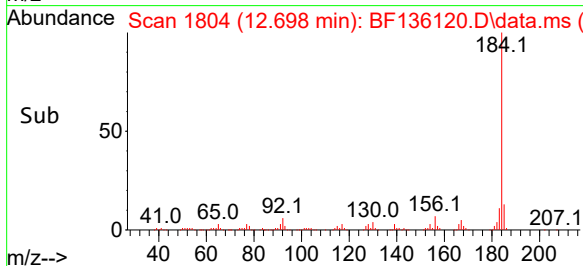
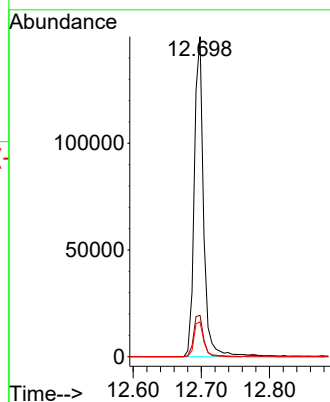
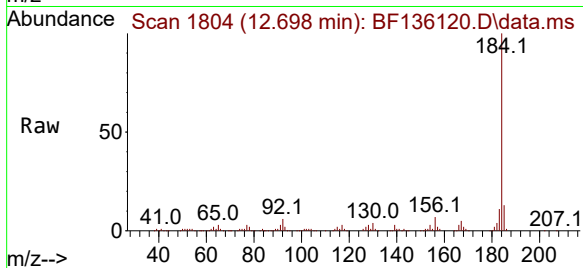
Tgt Ion:184 Resp: 141884

Ion Ratio Lower Upper

184 100

185 12.9 11.8 17.8

183 10.8 9.5 14.3



#78

Pyrene

Concen: 47.769 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

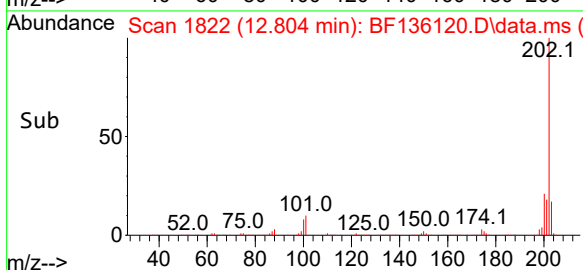
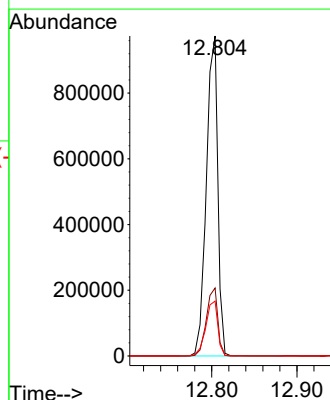
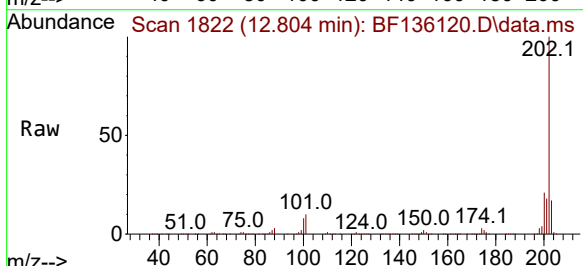
Tgt Ion:202 Resp: 906046

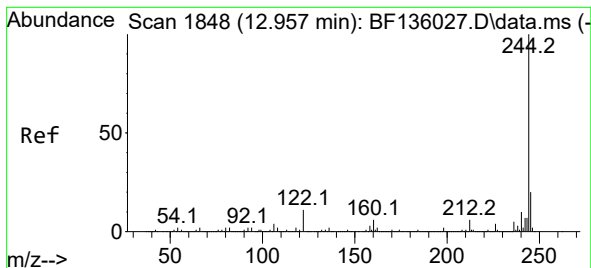
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.2 14.4 21.6





#79

Terphenyl-d14

Concen: 92.085 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

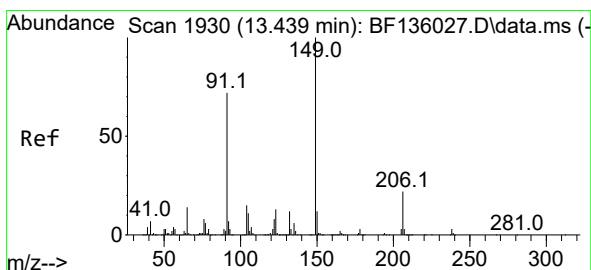
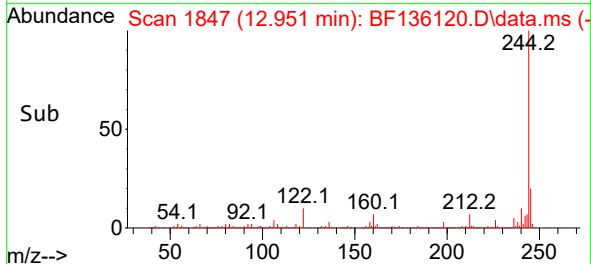
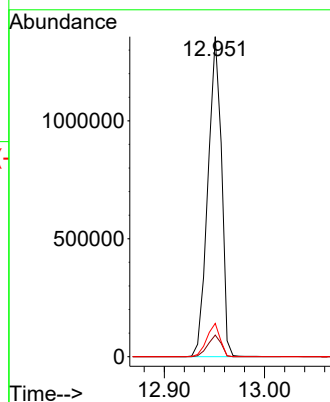
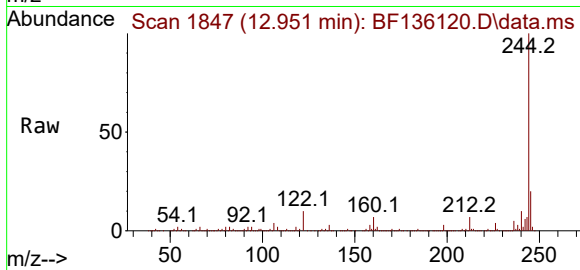
Tgt Ion:244 Resp: 1274781

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 10.4 8.6 12.8



#80

Butylbenzylphthalate

Concen: 47.134 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

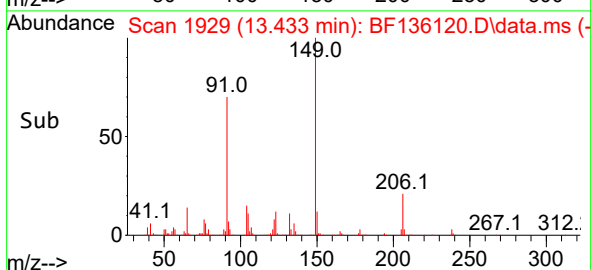
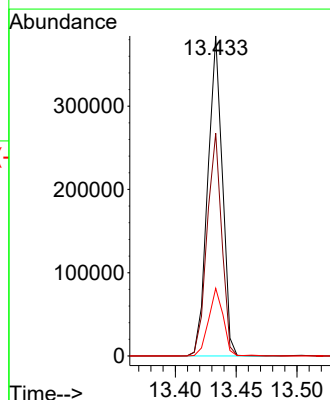
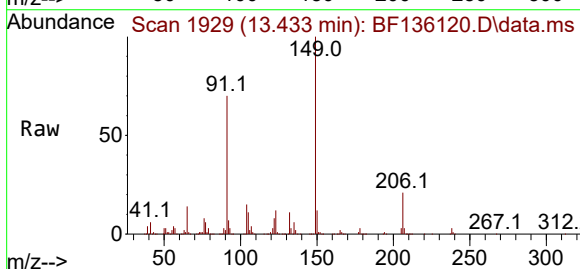
Tgt Ion:149 Resp: 320010

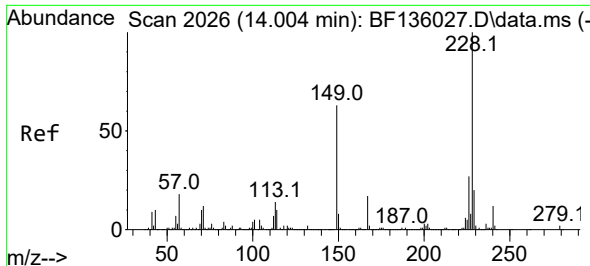
Ion Ratio Lower Upper

149 100

91 69.6 57.6 86.4

206 21.2 17.4 26.0

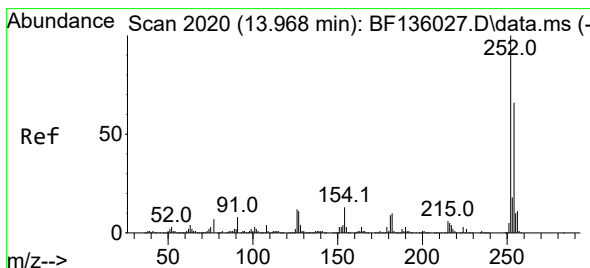
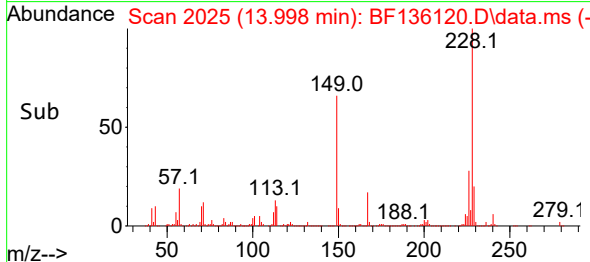
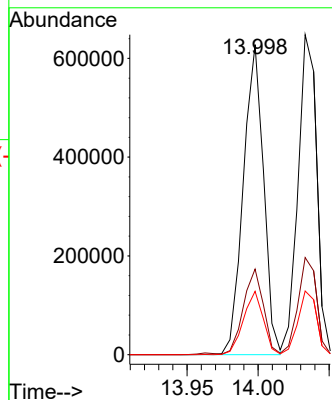
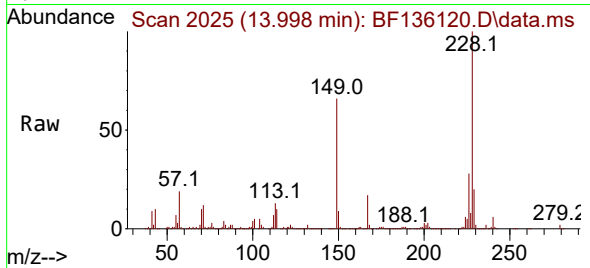




#81  
Benzo(a)anthracene  
Concen: 43.728 ng  
RT: 13.998 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

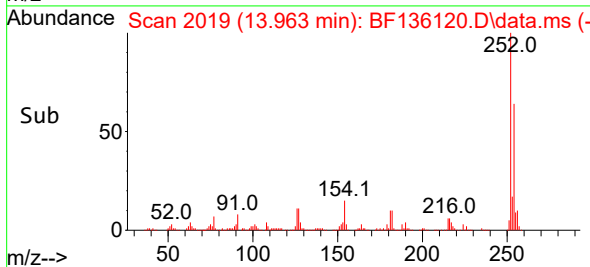
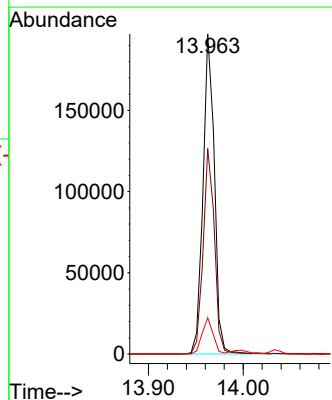
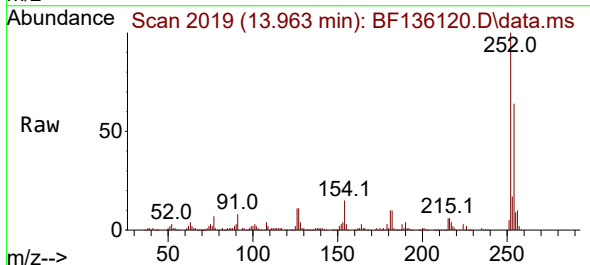
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

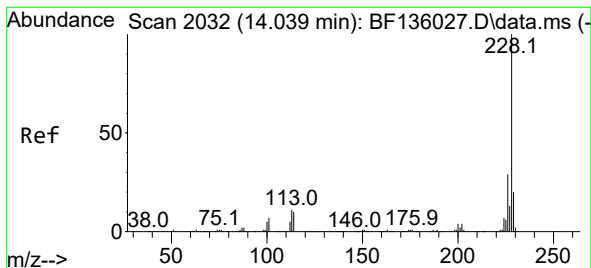
Tgt Ion:228 Resp: 622796  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.5 32.3  
229 20.4 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 36.140 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:252 Resp: 164285  
Ion Ratio Lower Upper  
252 100  
254 64.2 52.5 78.7  
126 11.3 9.4 14.2





#83

Chrysene

Concen: 42.469 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

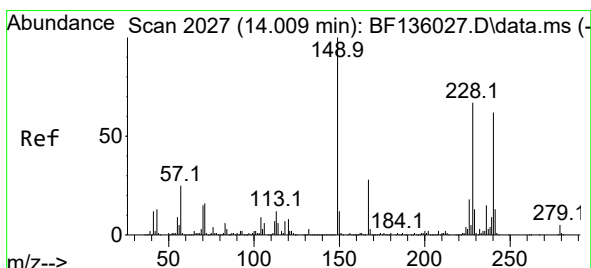
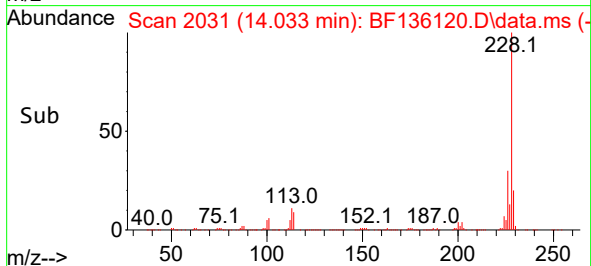
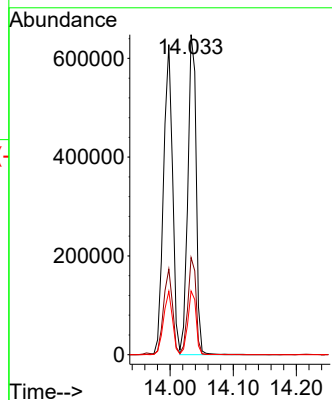
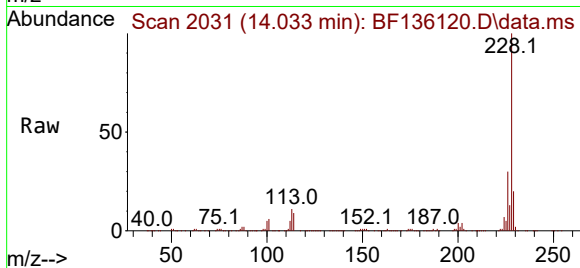
Tgt Ion:228 Resp: 595680

Ion Ratio Lower Upper

228 100

226 30.4 23.5 35.3

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.985 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

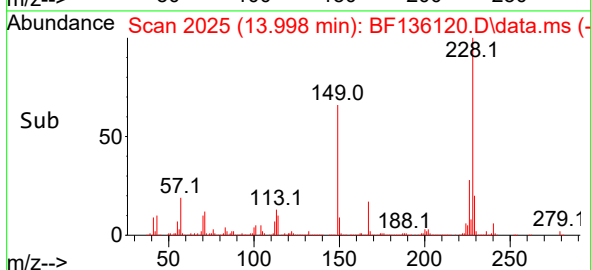
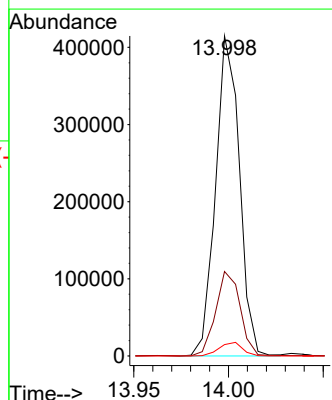
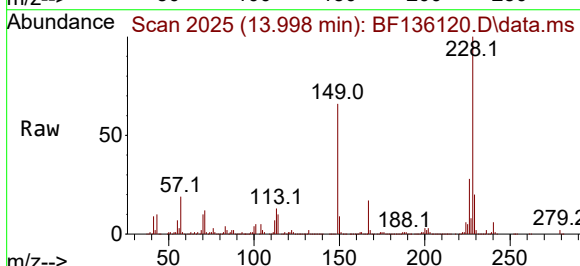
Tgt Ion:149 Resp: 363742

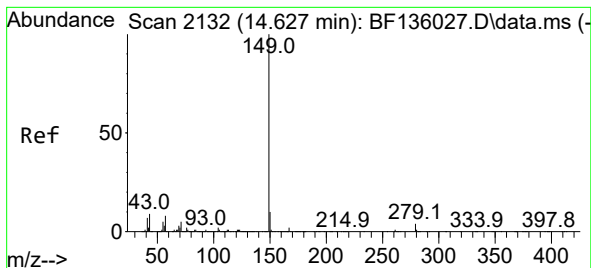
Ion Ratio Lower Upper

149 100

167 26.4 22.6 33.8

279 3.6 4.1 6.1#





#85

Di-n-octyl phthalate

Concen: 43.766 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

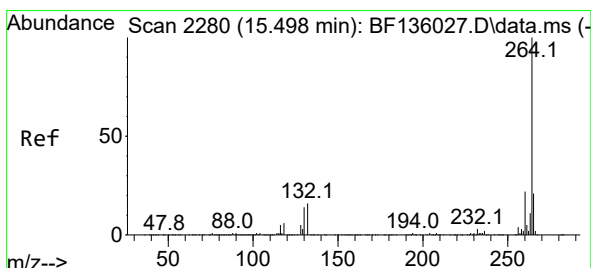
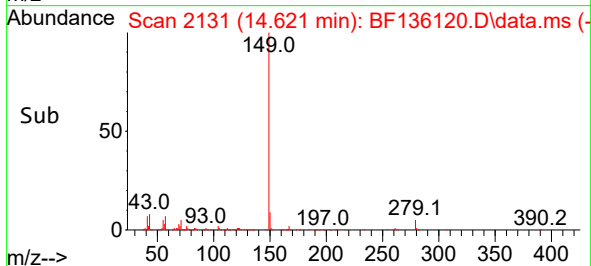
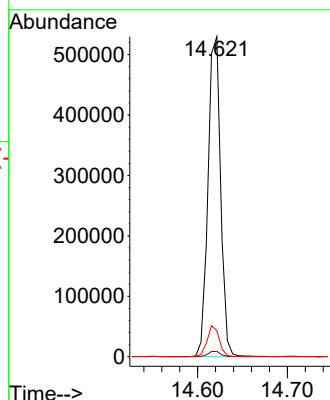
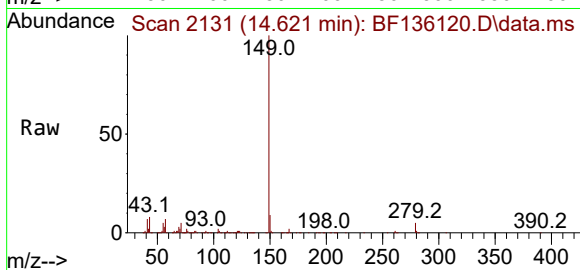
Tgt Ion:149 Resp: 518613

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.2 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

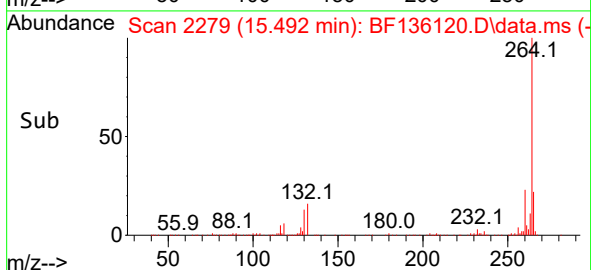
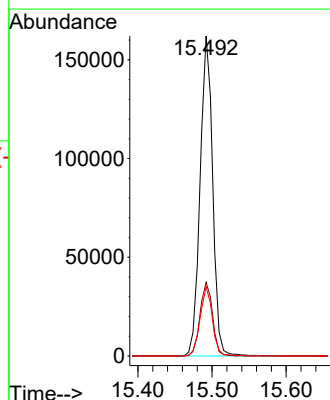
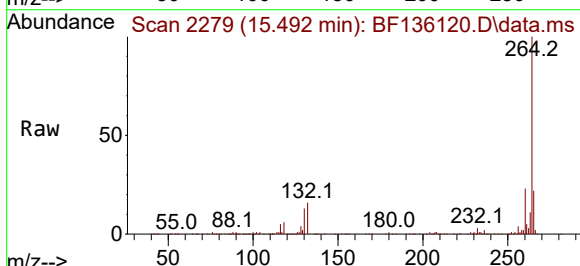
Tgt Ion:264 Resp: 190465

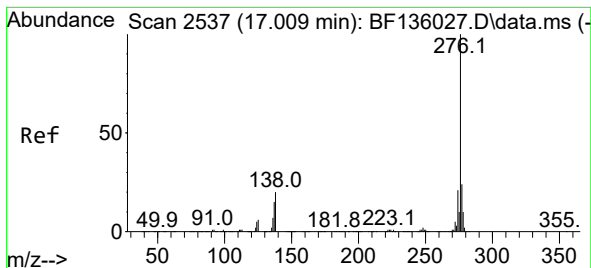
Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 21.7 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.199 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

Instrument :

BNA\_F

ClientSampleId :

PB156798BS

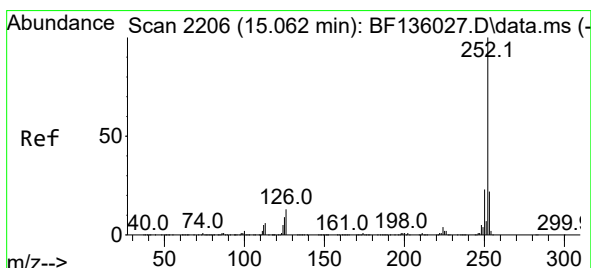
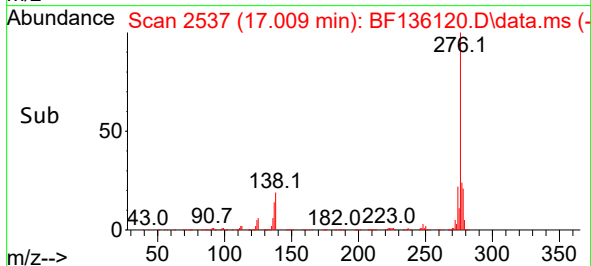
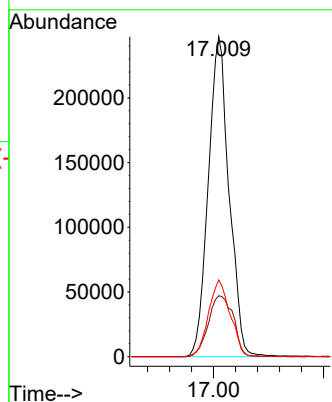
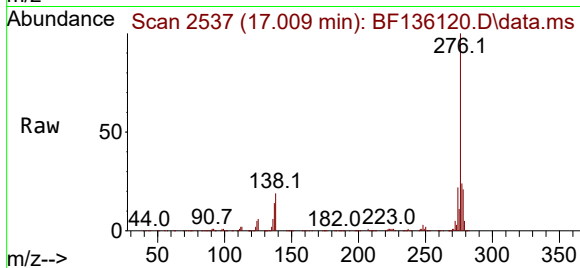
Tgt Ion:276 Resp: 649774

Ion Ratio Lower Upper

276 100

138 22.8 20.4 30.6

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.771 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF136120.D

Acq: 03 Nov 2023 12:57

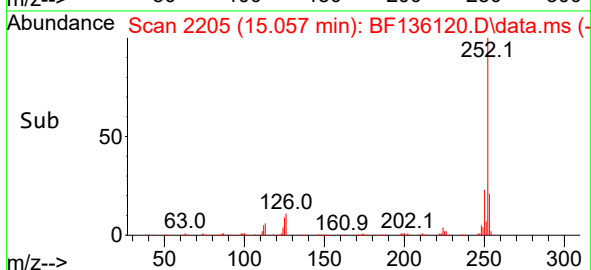
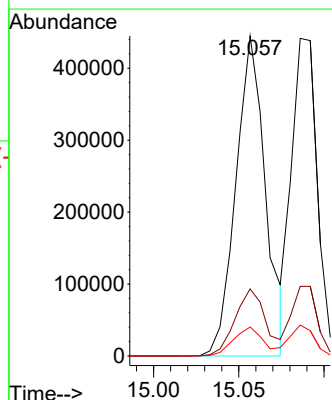
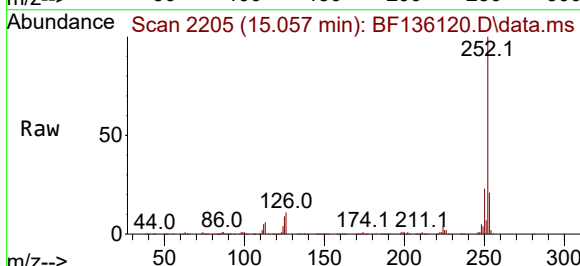
Tgt Ion:252 Resp: 538382

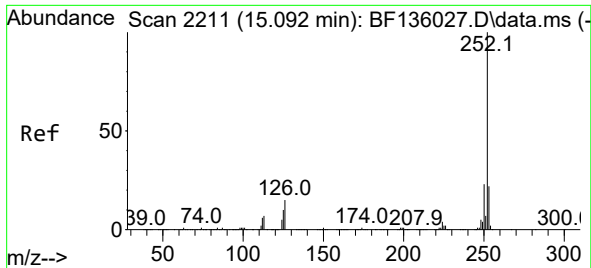
Ion Ratio Lower Upper

252 100

253 20.9 17.7 26.5

125 9.1 7.5 11.3

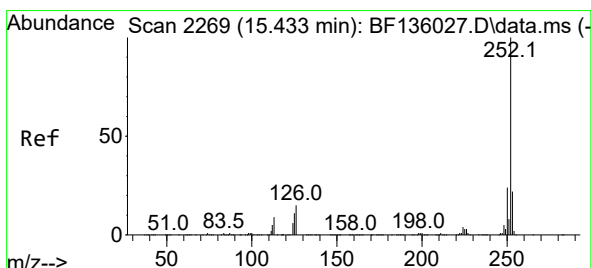
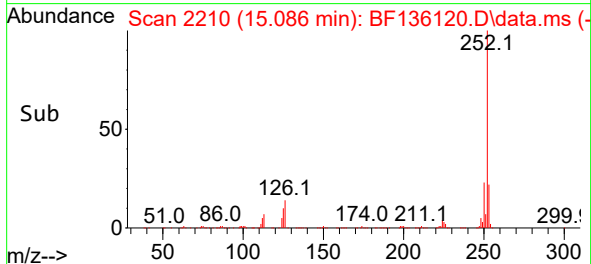
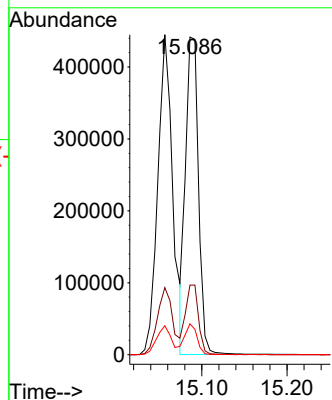
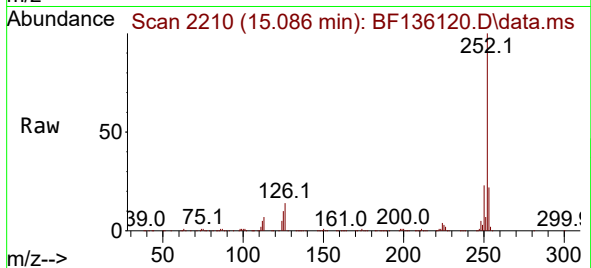




#89  
Benzo(k)fluoranthene  
Concen: 41.818 ng  
RT: 15.086 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

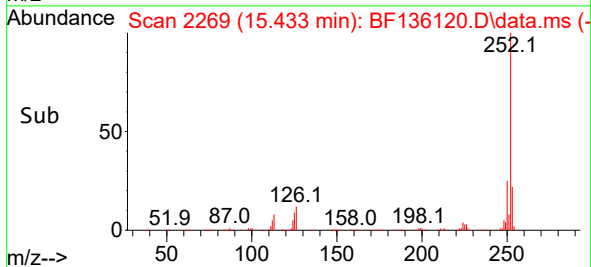
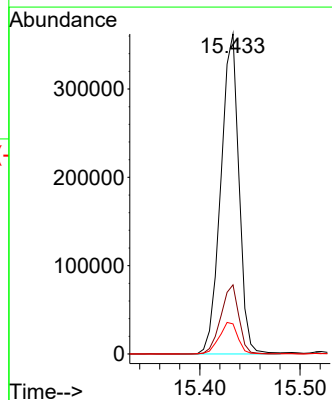
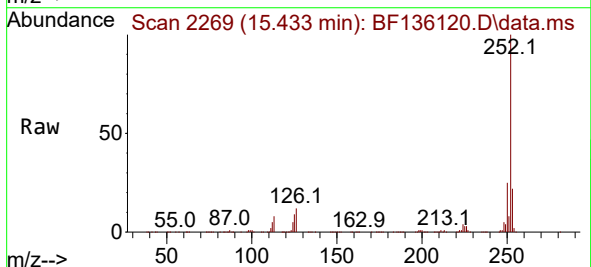
Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

Tgt Ion:252 Resp: 466325  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 9.7 8.0 12.0

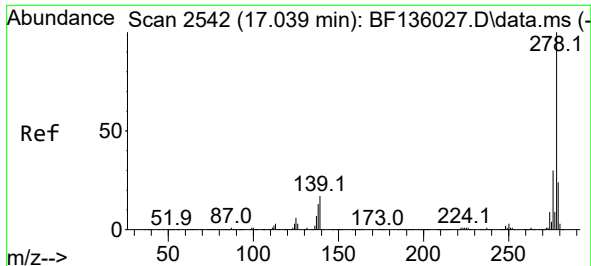


#90  
Benzo(a)pyrene  
Concen: 43.323 ng  
RT: 15.433 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:252 Resp: 453669  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.3 25.9  
125 9.4 9.0 13.6



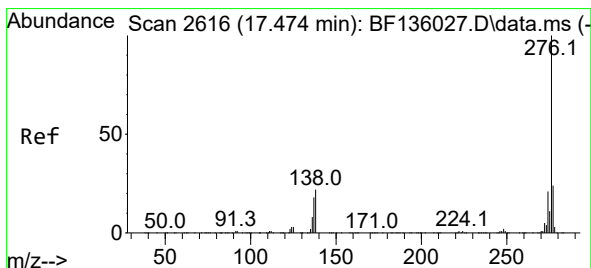
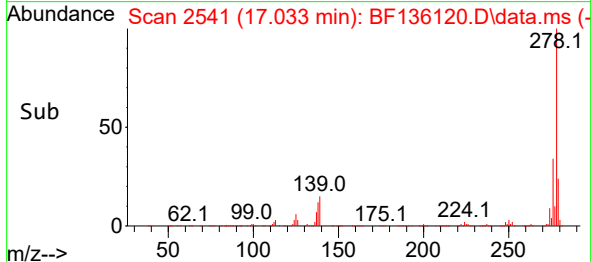
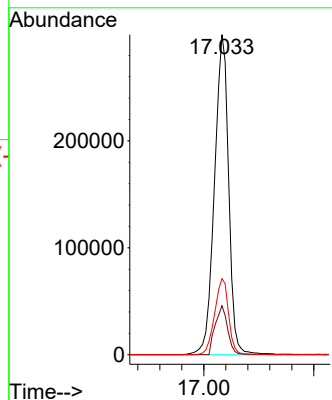
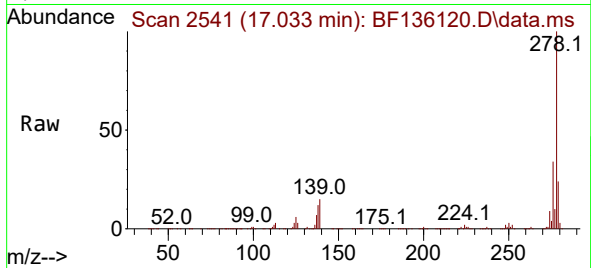




#91  
Dibenzo(a,h)anthracene  
Concen: 52.613 ng  
RT: 17.033 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Instrument :  
BNA\_F  
ClientSampleId :  
PB156798BS

Tgt Ion:278 Resp: 536473  
Ion Ratio Lower Upper  
278 100  
139 15.3 13.7 20.5  
279 23.8 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 46.817 ng  
RT: 17.468 min Scan# 2615  
Delta R.T. -0.006 min  
Lab File: BF136120.D  
Acq: 03 Nov 2023 12:57

Tgt Ion:276 Resp: 542608  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.0 28.4  
138 19.7 17.4 26.2

