

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102822\  
 Data File : BF130829.D  
 Acq On : 28 Oct 2022 18:20  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 29 05:44:36 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 29 05:41:34 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.945  | 152  | 106235   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.234  | 136  | 392558   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.998  | 164  | 214873   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.486 | 188  | 402689   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.133 | 240  | 242903   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.645 | 264  | 192585   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.557  | 112  | 489840   | 79.935 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.563  | 99   | 634457   | 79.673 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.516  | 82   | 587584   | 90.256 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.786 | 330  | 166024   | 91.787 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.310  | 172  | 1123870  | 79.077 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.074 | 244  | 1167667  | 88.088 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.775  | 88   | 111134   | 40.450 | ng    | 91       |
| 3) Pyridine                   | 3.546  | 79   | 321503   | 41.779 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.516  | 42   | 185191   | 42.867 | ng    | 98       |
| 6) Aniline                    | 6.610  | 93   | 409867   | 41.624 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.734  | 128  | 279614   | 40.961 | ng    | 99       |
| 9) Benzaldehyde               | 6.498  | 77   | 183084   | 35.922 | ng    | 96       |
| 10) Phenol                    | 6.581  | 94   | 349848   | 40.825 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 6.681  | 93   | 267024   | 39.972 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 6.887  | 146  | 310533   | 40.144 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.969  | 146  | 315694   | 40.207 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.122  | 146  | 293281   | 40.331 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.087  | 79   | 280859   | 41.478 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.222  | 45   | 468774   | 39.368 | ng    | 99       |
| 17) 2-Methylphenol            | 7.187  | 107  | 235862   | 40.424 | ng    | 98       |
| 18) Hexachloroethane          | 7.463  | 117  | 117436   | 41.384 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.363  | 70   | 215760   | 39.822 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.345  | 107  | 310368   | 40.912 | ng    | 96       |
| 22) Acetophenone              | 7.357  | 105  | 391506   | 41.134 | ng    | # 95     |
| 24) Nitrobenzene              | 7.534  | 77   | 311224   | 43.719 | ng    | 98       |
| 25) Isophorone                | 7.769  | 82   | 550159   | 40.980 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.845  | 139  | 119702   | 43.103 | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 7.875  | 122  | 230048   | 41.174 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.981  | 93   | 299260   | 39.914 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.081  | 162  | 237617   | 41.342 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.175  | 180  | 251977   | 40.770 | ng    | 98       |
| 31) Naphthalene               | 8.257  | 128  | 830809   | 40.565 | ng    | 99       |
| 32) Benzoic acid              | 7.987  | 122  | 160165   | 41.562 | ng    | 92       |
| 33) 4-Chloroaniline           | 8.304  | 127  | 337027   | 41.643 | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.369  | 225  | 167509   | 40.829 | ng    | 99       |
| 35) Caprolactam               | 8.681  | 113  | 75876    | 41.196 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.775  | 107  | 264620   | 42.445 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.945  | 142  | 524643   | 40.724 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 9.051  | 142  | 513817   | 40.982 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.110  | 216  | 247412   | 40.603 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.098  | 237  | 140782   | 43.972 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.222  | 196  | 181068   | 42.764 | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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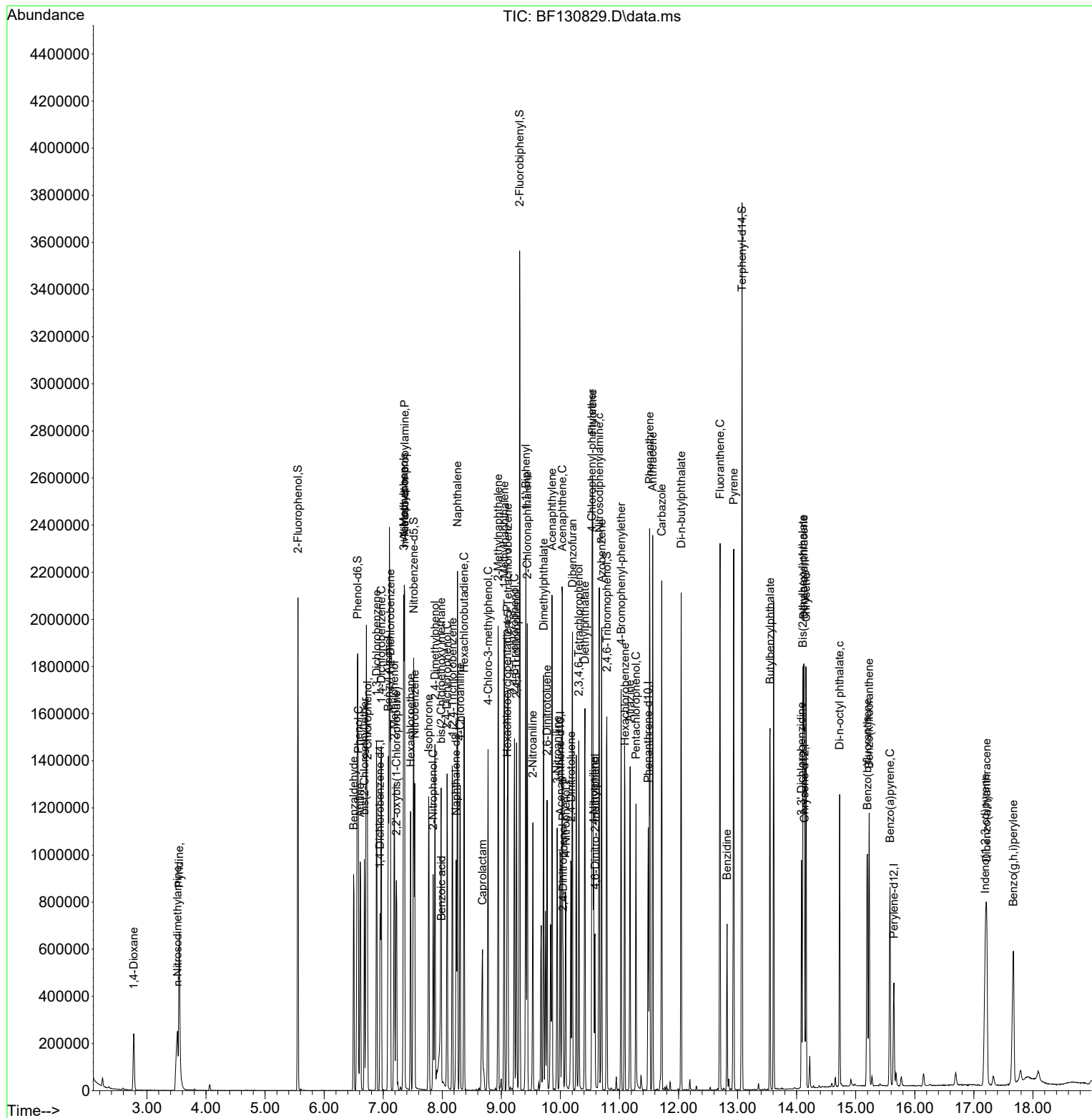
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.257  | 196  | 198290   | 43.834 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.416  | 154  | 622196   | 40.643 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.439  | 162  | 505523   | 41.182 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.534  | 65   | 172694   | 44.118 | ng    | 99       |
| 49) Acenaphthylene            | 9.857  | 152  | 795981   | 41.034 | ng    | 100      |
| 50) Dimethylphthalate         | 9.716  | 163  | 600341   | 40.677 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.775  | 165  | 118079   | 42.431 | ng    | 99       |
| 52) Acenaphthene              | 10.033 | 154  | 502299   | 41.876 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.945  | 138  | 142086   | 49.427 | ng #  | 95       |
| 54) 2,4-Dinitrophenol         | 10.045 | 184  | 49968    | 46.893 | ng    | 92       |
| 55) Dibenzofuran              | 10.204 | 168  | 708050   | 40.724 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.092 | 139  | 108455   | 47.648 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 10.181 | 165  | 153418   | 43.869 | ng    | 97       |
| 58) Fluorene                  | 10.545 | 166  | 559678   | 40.881 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.310 | 232  | 162136   | 43.473 | ng    | 98       |
| 60) Diethylphthalate          | 10.416 | 149  | 599045   | 41.271 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.533 | 204  | 264560   | 40.395 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.563 | 138  | 141249   | 48.525 | ng    | 97       |
| 63) Azobenzene                | 10.698 | 77   | 618084   | 40.793 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.586 | 198  | 73976    | 44.624 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 10.657 | 169  | 511468   | 40.720 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248  | 170108   | 42.005 | ng #  | 91       |
| 68) Hexachlorobenzene         | 11.092 | 284  | 184342   | 41.315 | ng    | 94       |
| 69) Atrazine                  | 11.180 | 200  | 152884   | 42.147 | ng    | 98       |
| 70) Pentachlorophenol         | 11.280 | 266  | 113346   | 44.518 | ng    | 97       |
| 71) Phenanthrene              | 11.510 | 178  | 856622   | 41.215 | ng    | 100      |
| 72) Anthracene                | 11.563 | 178  | 834481   | 40.706 | ng    | 99       |
| 73) Carbazole                 | 11.716 | 167  | 751937   | 40.959 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.045 | 149  | 909228   | 40.780 | ng    | 99       |
| 75) Fluoranthene              | 12.704 | 202  | 901069   | 40.804 | ng    | 98       |
| 77) Benzidine                 | 12.822 | 184  | 228481   | 38.749 | ng    | 98       |
| 78) Pyrene                    | 12.933 | 202  | 915445   | 44.671 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.551 | 149  | 338057   | 45.851 | ng    | 91       |
| 81) Benzo(a)anthracene        | 14.121 | 228  | 668493   | 41.510 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.080 | 252  | 174062   | 40.046 | ng    | 94       |
| 83) Chrysene                  | 14.157 | 228  | 625857   | 40.289 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.104 | 149  | 381252   | 43.007 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.727 | 149  | 519371   | 42.450 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.192 | 276  | 581313   | 45.454 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.198 | 252  | 498487   | 40.041 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.227 | 252  | 487327   | 40.172 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.580 | 252  | 415222   | 41.490 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.215 | 278  | 470511   | 45.130 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.668 | 276  | 488332   | 45.911 | ng    | 98       |

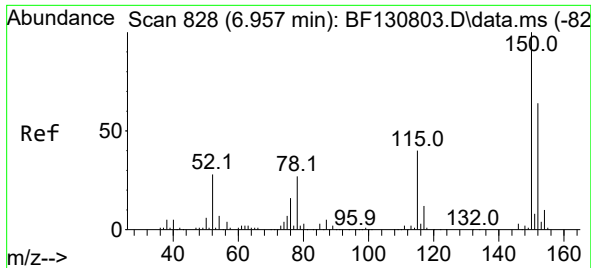
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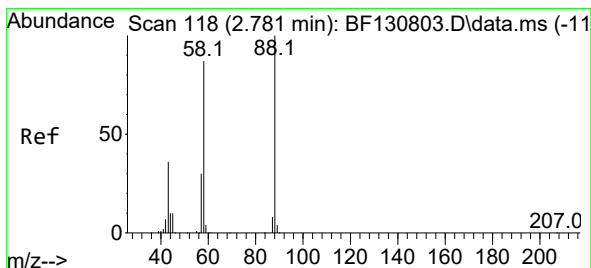
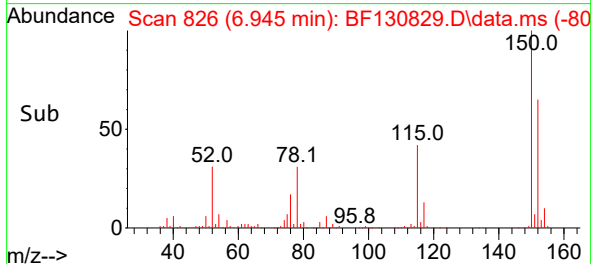
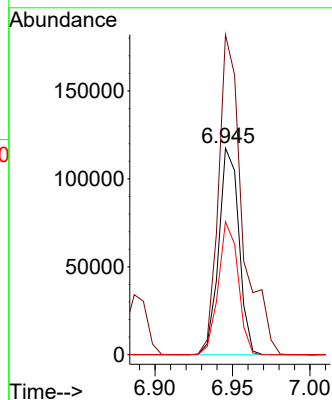
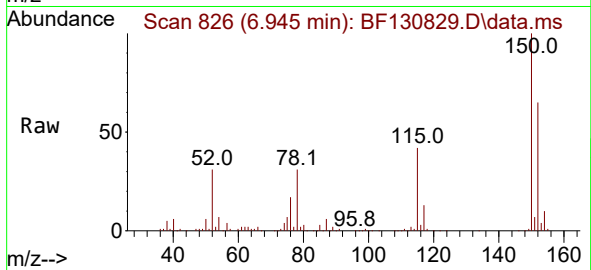




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.945 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

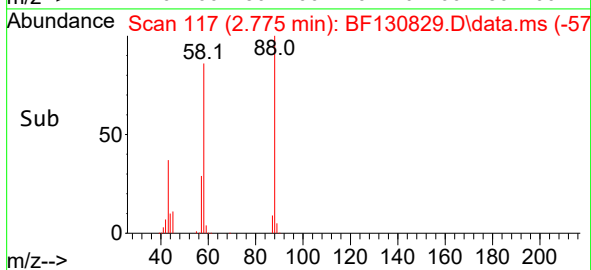
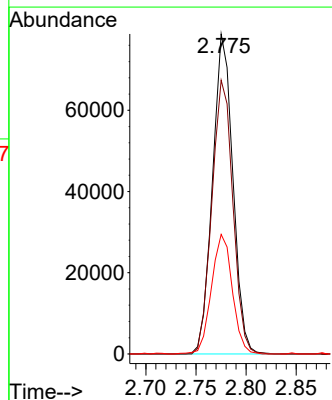
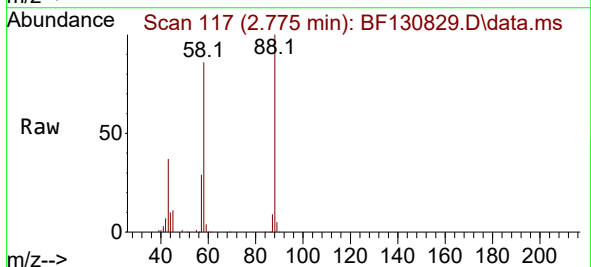
Instrument :  
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SSTDCCC040

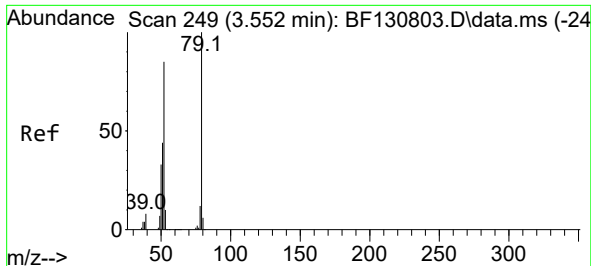
Tgt Ion:152 Resp: 106235  
Ion Ratio Lower Upper  
152 100  
150 154.9 124.1 186.1  
115 64.4 50.1 75.1



#2  
1,4-Dioxane  
Concen: 40.450 ng  
RT: 2.775 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion: 88 Resp: 111134  
Ion Ratio Lower Upper  
88 100  
58 88.2 64.7 97.1  
43 38.3 26.5 39.7

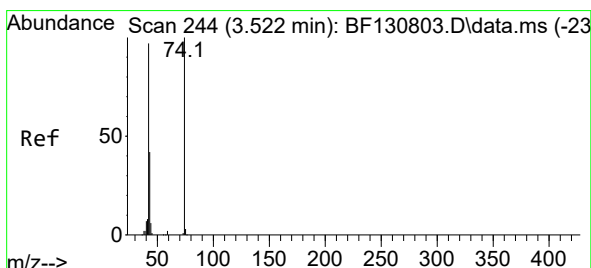
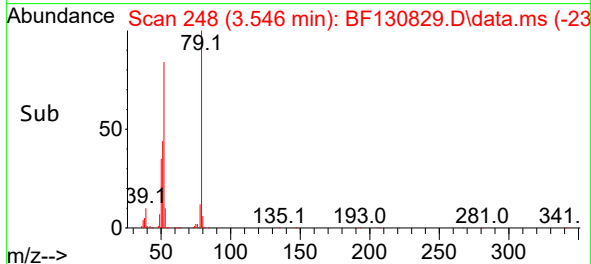
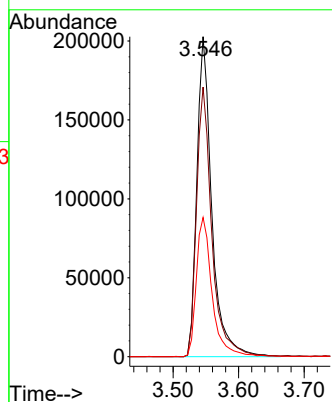
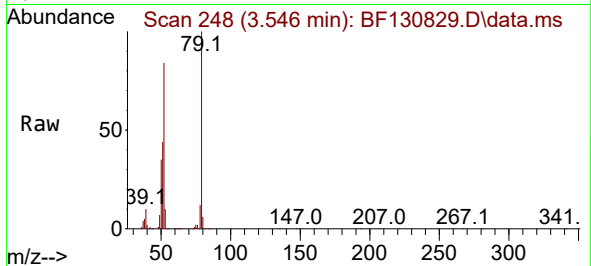




#3  
 Pyridine  
 Concen: 41.779 ng  
 RT: 3.546 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BF130829.D  
 Acq: 28 Oct 2022 18:20

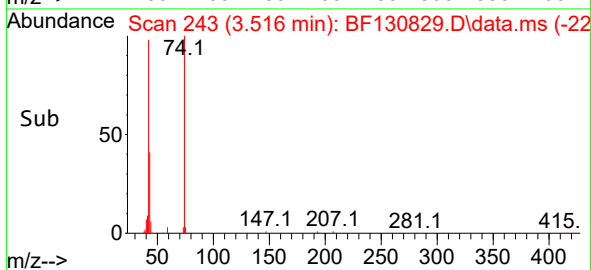
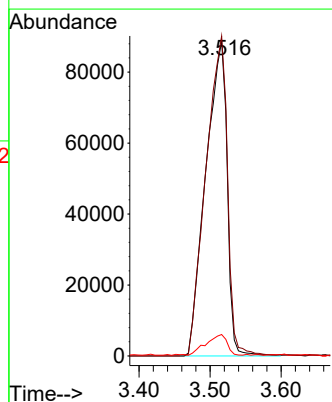
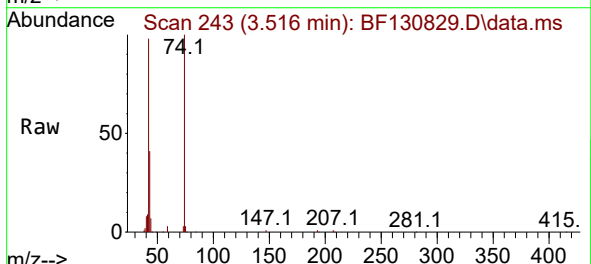
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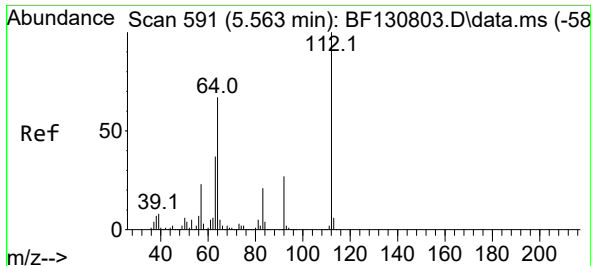
Tgt Ion: 79 Resp: 321503  
 Ion Ratio Lower Upper  
 79 100  
 52 84.2 68.2 102.4  
 51 43.5 35.2 52.8



#4  
 n-Nitrosodimethylamine  
 Concen: 42.867 ng  
 RT: 3.516 min Scan# 243  
 Delta R.T. 0.000 min  
 Lab File: BF130829.D  
 Acq: 28 Oct 2022 18:20

Tgt Ion: 42 Resp: 185191  
 Ion Ratio Lower Upper  
 42 100  
 74 101.7 82.8 124.2  
 44 6.8 6.0 9.0

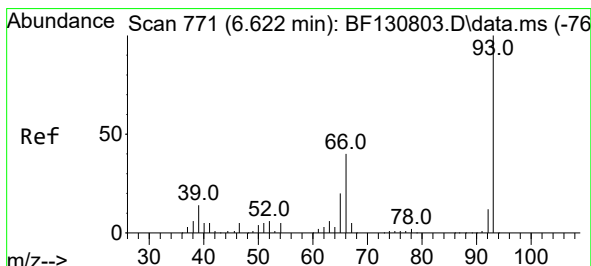
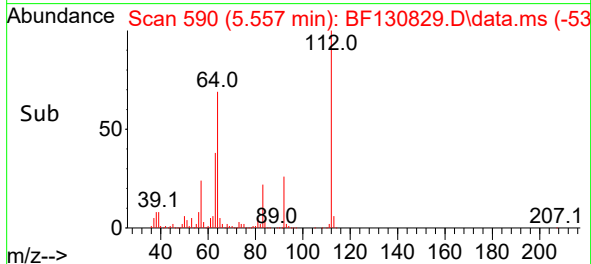
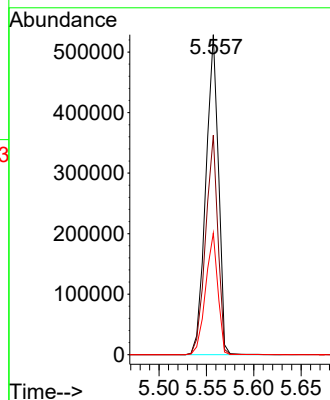
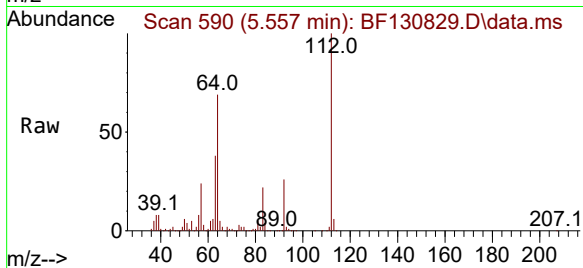




#5  
2-Fluorophenol  
Concen: 79.935 ng  
RT: 5.557 min Scan# 591  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

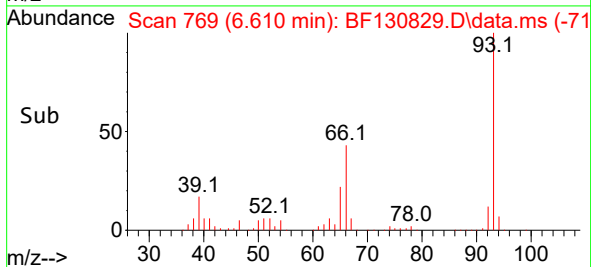
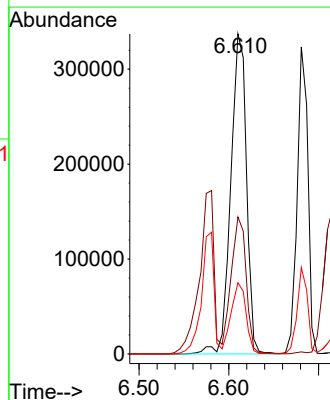
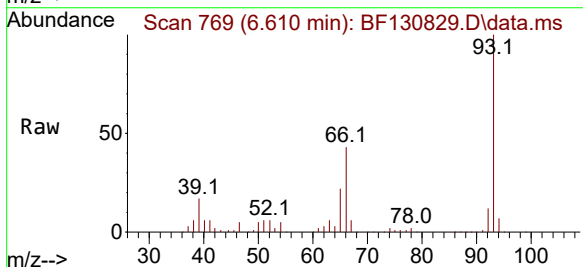
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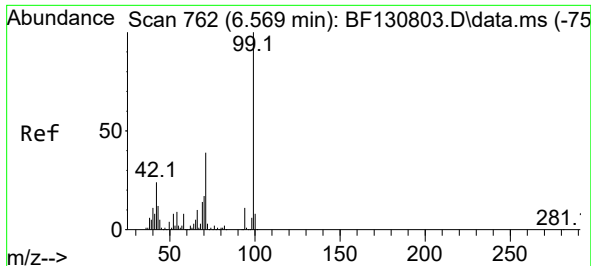
Tgt Ion:112 Resp: 489840  
Ion Ratio Lower Upper  
112 100  
64 68.6 53.9 80.9  
63 38.0 29.4 44.2



#6  
Aniline  
Concen: 41.624 ng  
RT: 6.610 min Scan# 769  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion: 93 Resp: 409867  
Ion Ratio Lower Upper  
93 100  
66 42.8 33.8 50.8  
65 22.3 17.2 25.8





#7

Phenol-d6

Concen: 79.673 ng

RT: 6.563 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

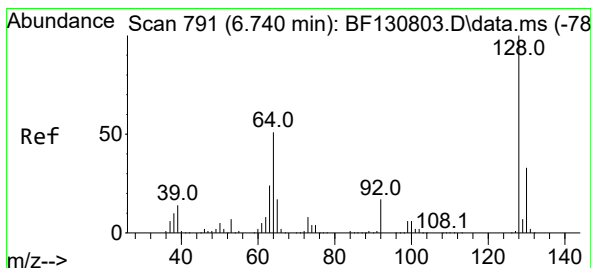
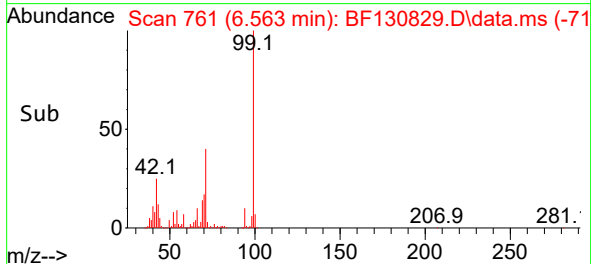
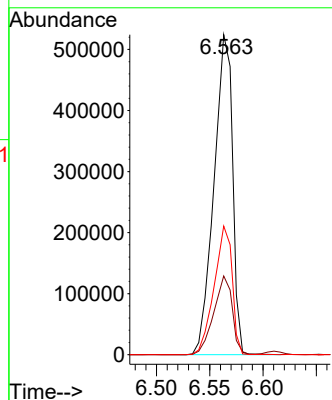
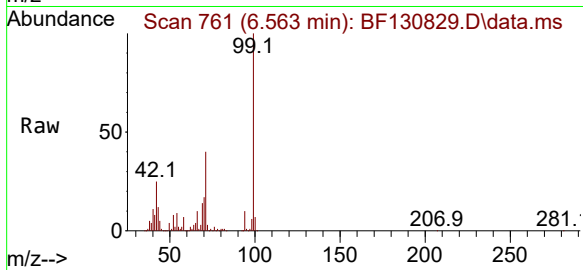
Tgt Ion: 99 Resp: 634457

Ion Ratio Lower Upper

99 100

42 24.6 18.8 28.2

71 40.2 31.4 47.0



#8

2-Chlorophenol

Concen: 40.961 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF130829.D

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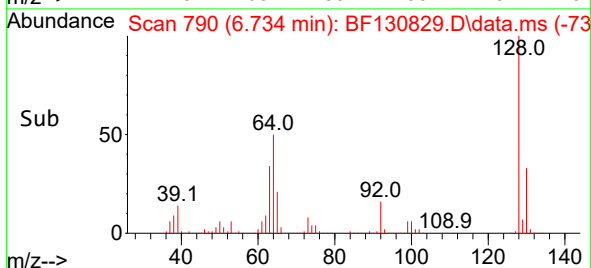
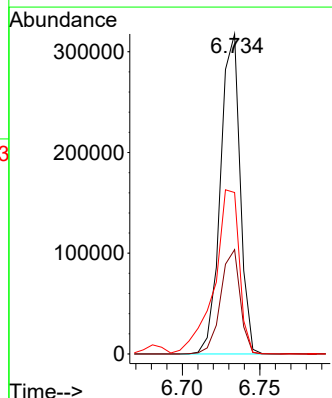
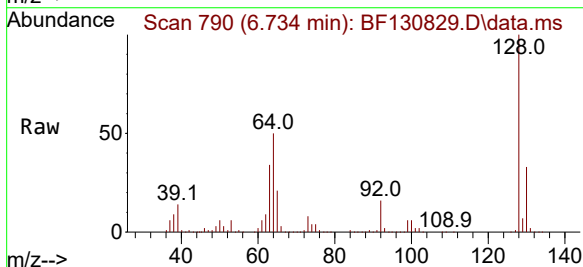
Tgt Ion: 128 Resp: 279614

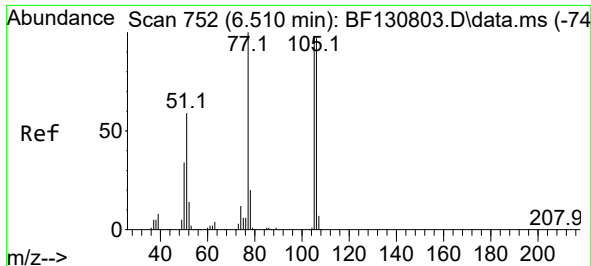
Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

64 50.5 31.3 71.3

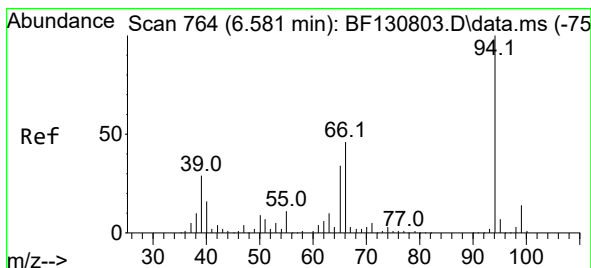
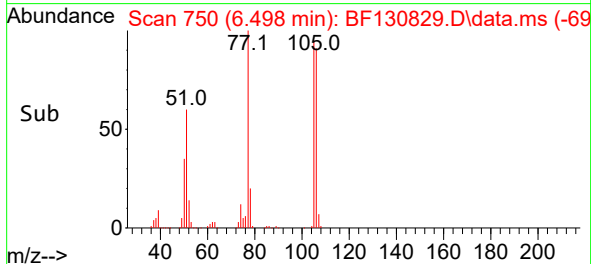
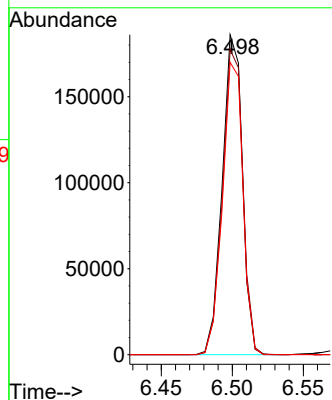
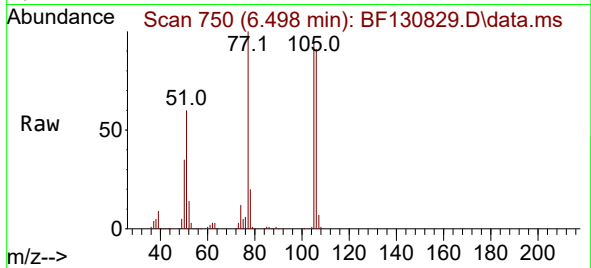




#9  
Benzaldehyde  
Concen: 35.922 ng  
RT: 6.498 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

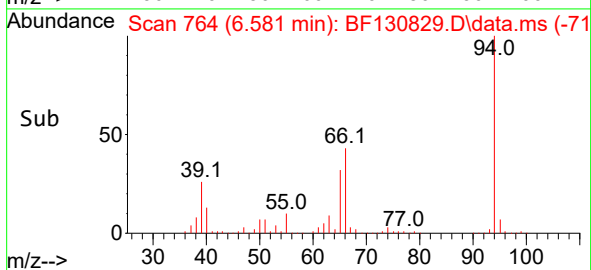
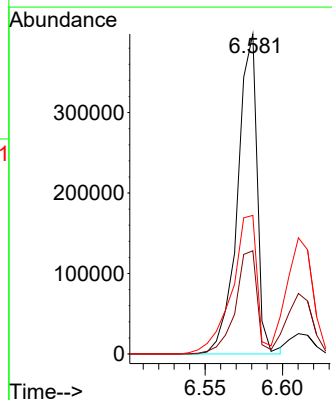
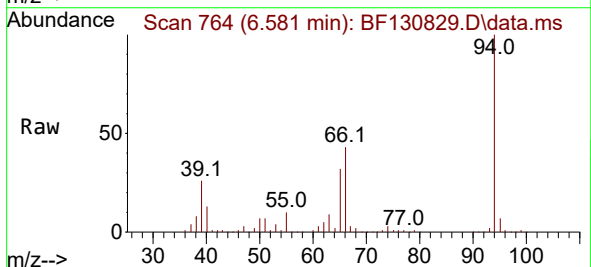
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

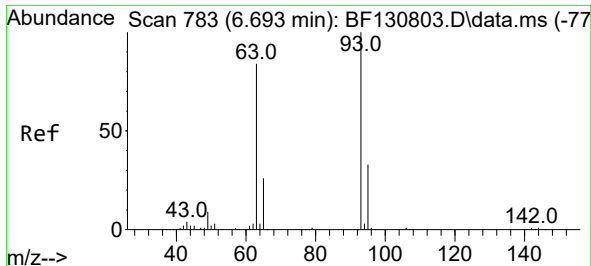
Tgt Ion: 77 Resp: 183084  
Ion Ratio Lower Upper  
77 100  
105 95.4 78.2 118.2  
106 91.4 76.6 116.6



#10  
Phenol  
Concen: 40.825 ng  
RT: 6.581 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion: 94 Resp: 349848  
Ion Ratio Lower Upper  
94 100  
65 32.3 13.7 53.7  
66 43.3 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 39.972 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

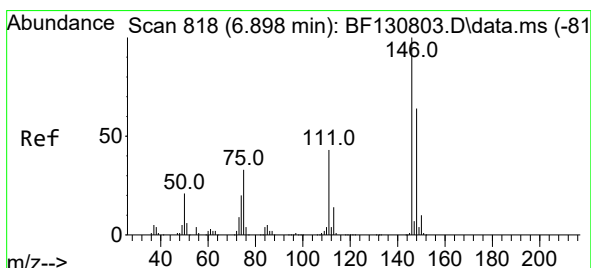
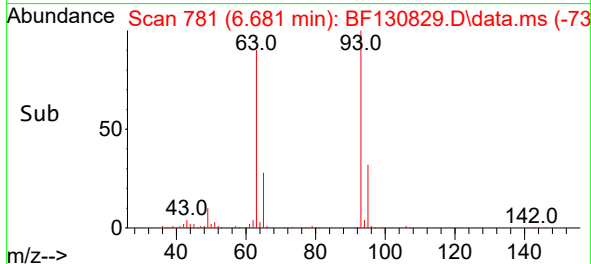
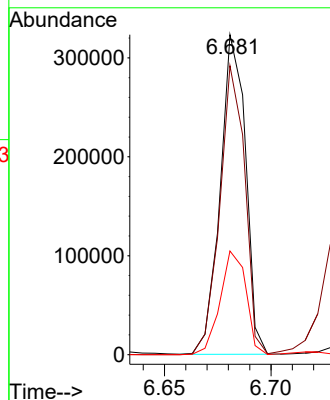
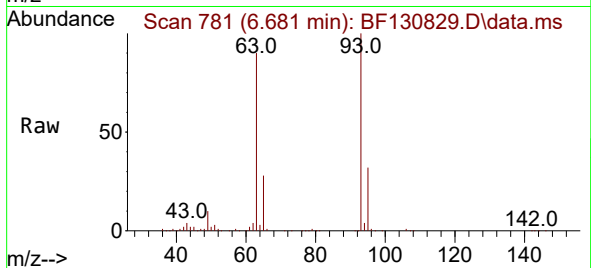
Tgt Ion: 93 Resp: 267024

Ion Ratio Lower Upper

93 100

63 90.3 63.4 103.4

95 32.4 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 40.144 ng

RT: 6.887 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

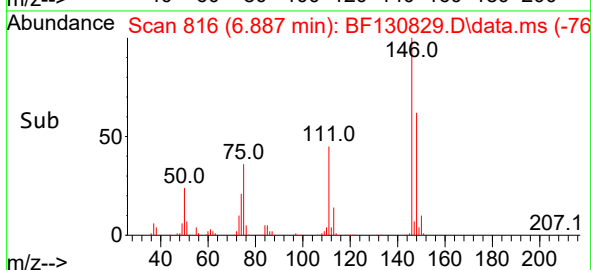
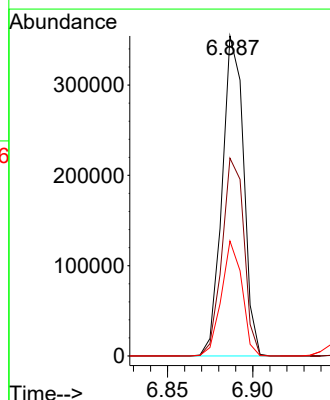
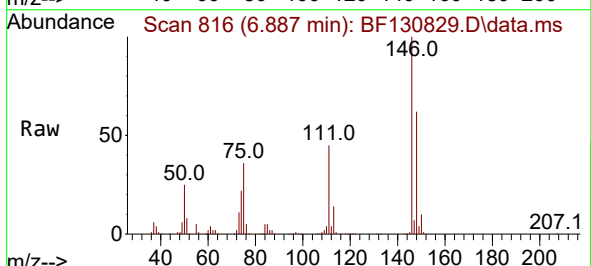
Tgt Ion:146 Resp: 310533

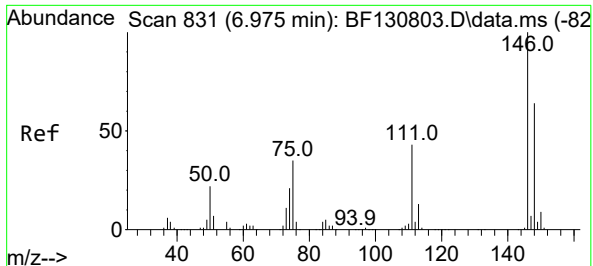
Ion Ratio Lower Upper

146 100

148 61.8 51.4 77.0

75 35.9 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 40.207 ng

RT: 6.969 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

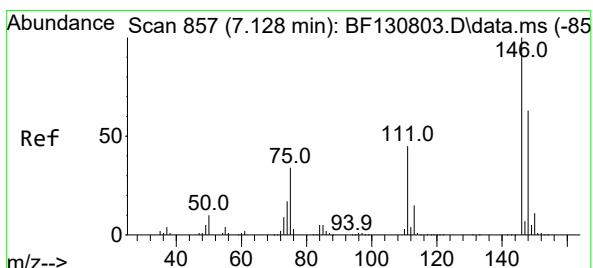
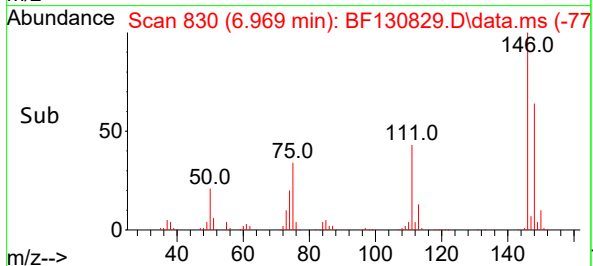
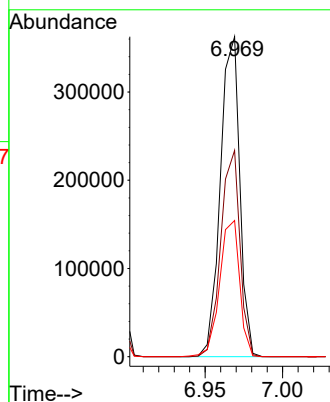
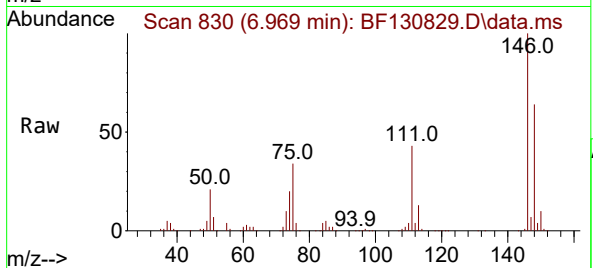
Tgt Ion:146 Resp: 315694

Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

111 42.6 34.6 51.8



#14

1,2-Dichlorobenzene

Concen: 40.331 ng

RT: 7.122 min Scan# 856

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

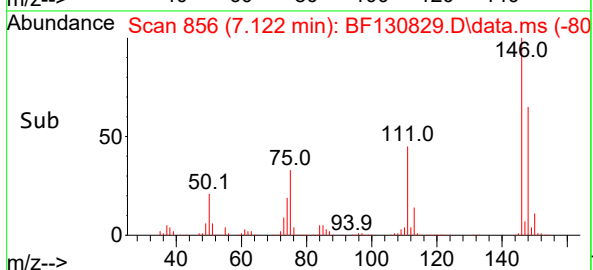
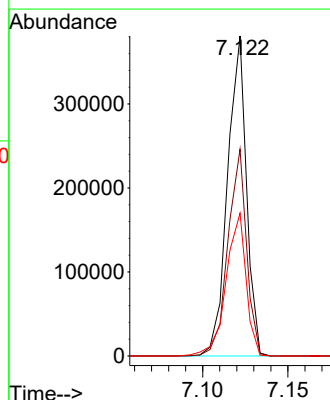
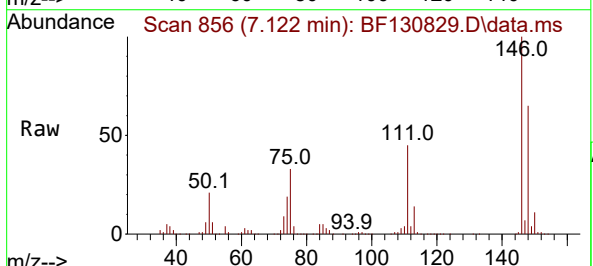
Tgt Ion:146 Resp: 293281

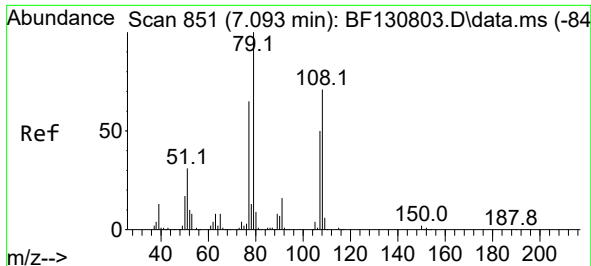
Ion Ratio Lower Upper

146 100

148 64.6 50.6 76.0

111 44.7 36.3 54.5

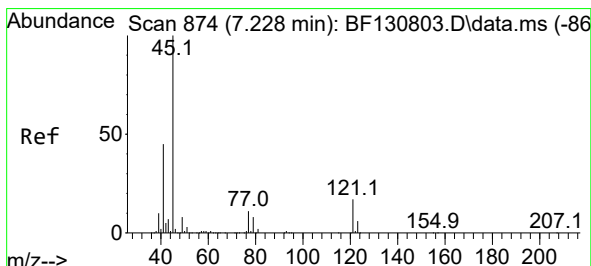
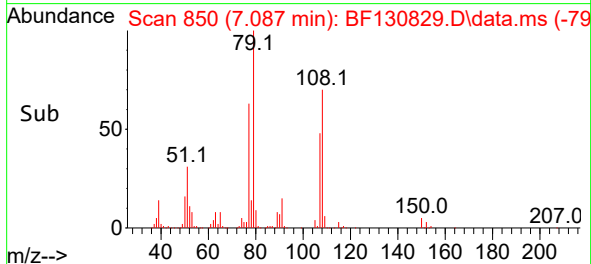
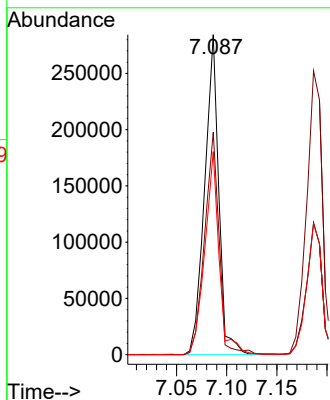
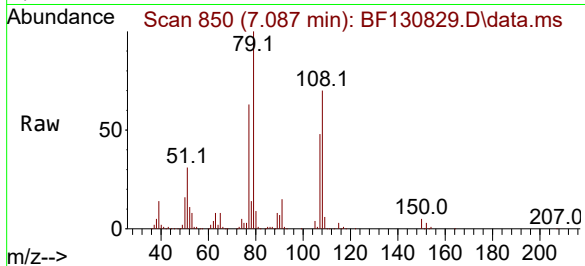




#15  
Benzyl Alcohol  
Concen: 41.478 ng  
RT: 7.087 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

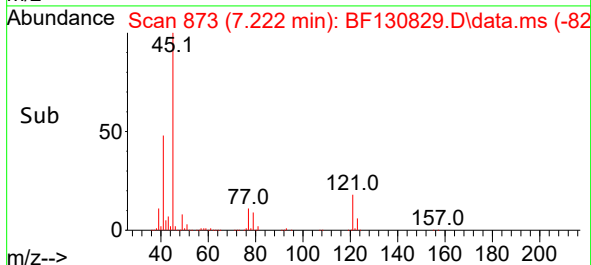
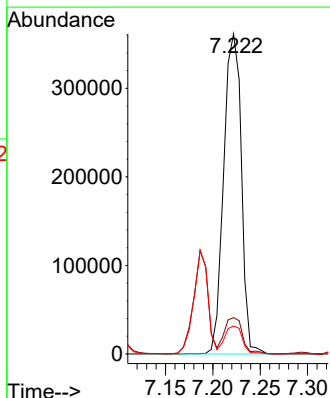
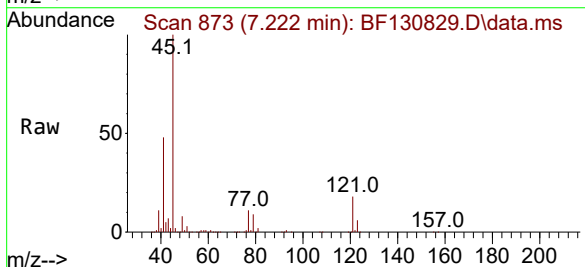
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

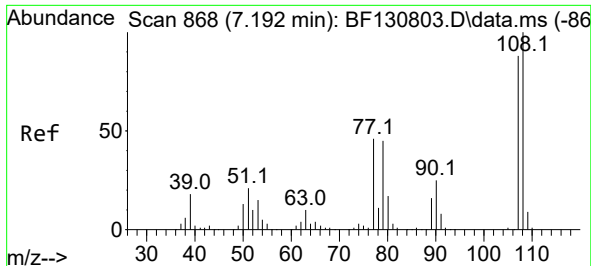
Tgt Ion: 79 Resp: 280859  
Ion Ratio Lower Upper  
79 100  
108 69.5 56.4 84.6  
77 63.4 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.368 ng  
RT: 7.222 min Scan# 873  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion: 45 Resp: 468774  
Ion Ratio Lower Upper  
45 100  
77 11.3 0.0 31.2  
79 8.7 0.0 28.4

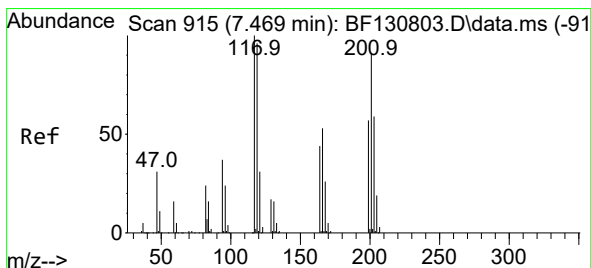
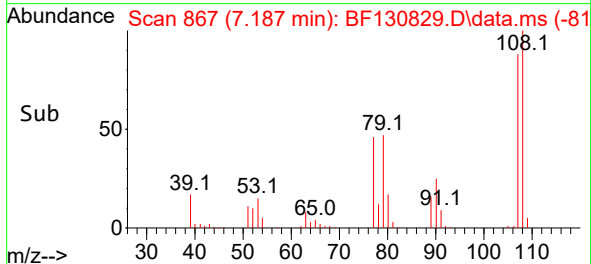
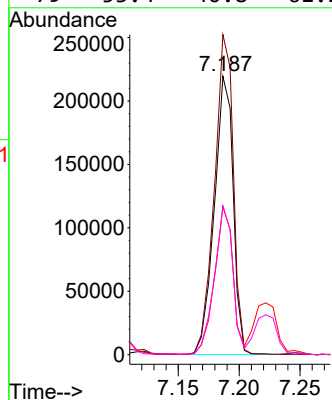
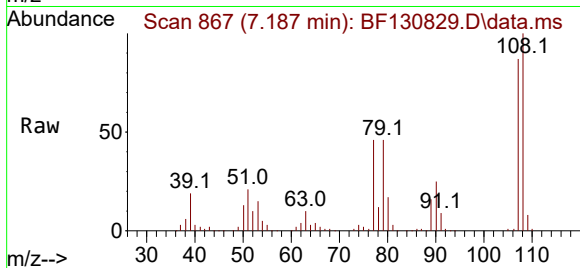




#17  
2-Methylphenol  
Concen: 40.424 ng  
RT: 7.187 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

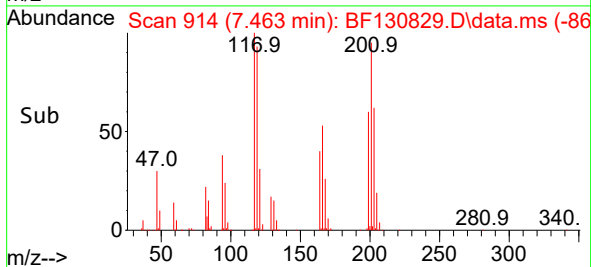
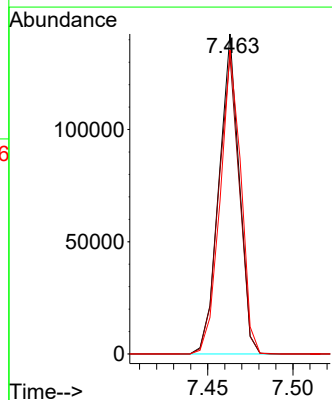
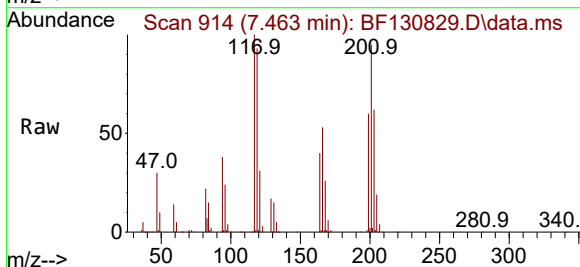
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

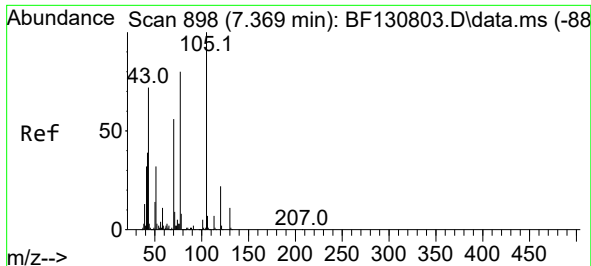
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 235862 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.9 | 90.5  | 135.7  |
| 77       | 53.1  | 41.2  | 61.8   |
| 79       | 53.4  | 40.8  | 61.2   |



#18  
Hexachloroethane  
Concen: 41.384 ng  
RT: 7.463 min Scan# 914  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 117436 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.3  | 77.1  | 115.7  |
| 201      | 94.9  | 72.9  | 109.3  |





#19

n-Nitroso-di-n-propylamine

Concen: 39.822 ng

RT: 7.363 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 215760

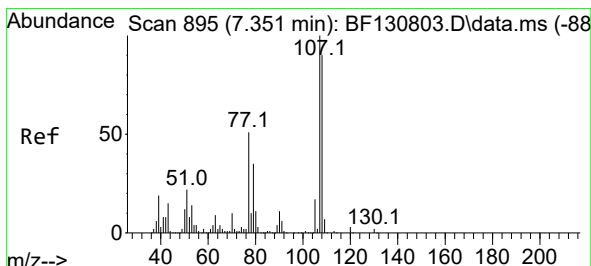
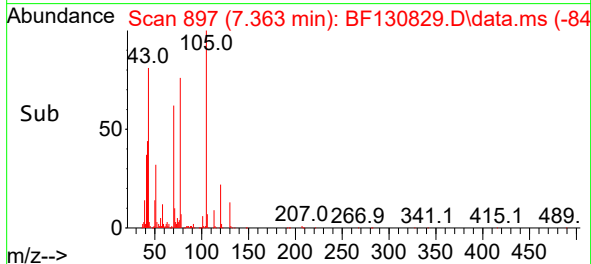
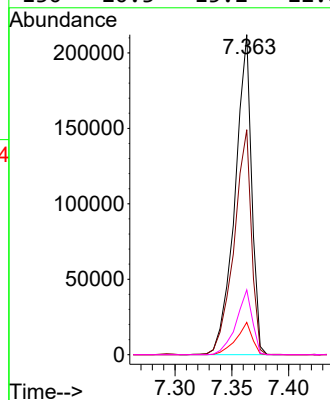
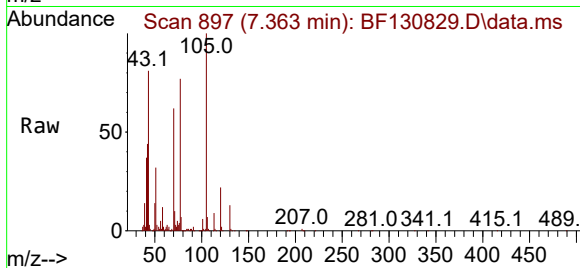
Ion Ratio Lower Upper

70 100

42 70.3 56.1 84.1

101 10.1 7.3 10.9

130 20.3 15.2 22.8



#20

3+4-Methylphenols

Concen: 40.912 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Tgt Ion: 107 Resp: 310368

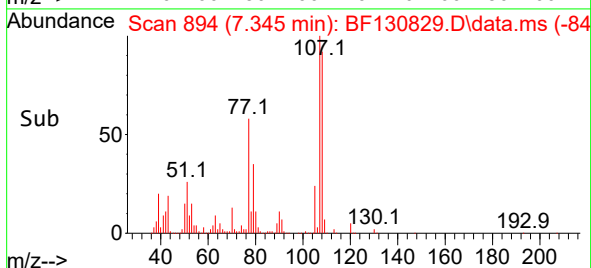
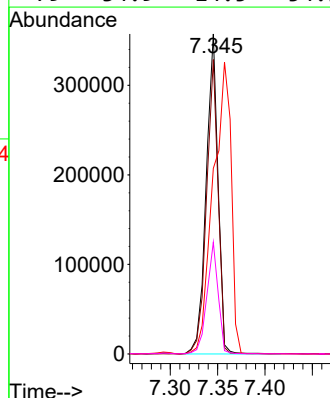
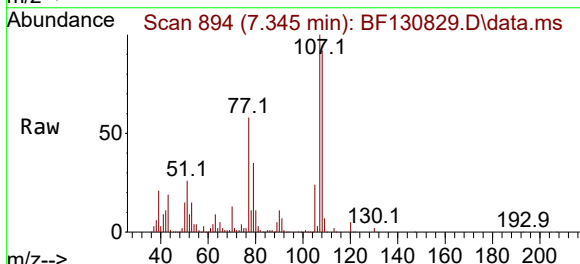
Ion Ratio Lower Upper

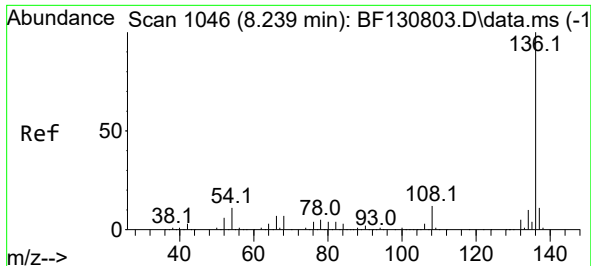
107 100

108 92.0 70.4 110.4

77 58.0 31.1 71.1

79 34.9 14.5 54.5

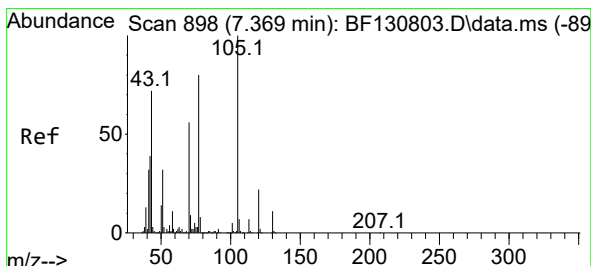
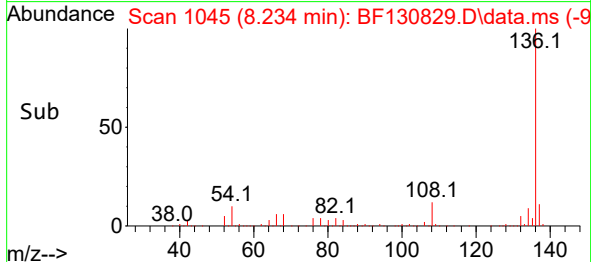
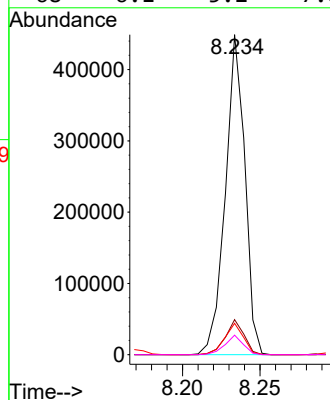
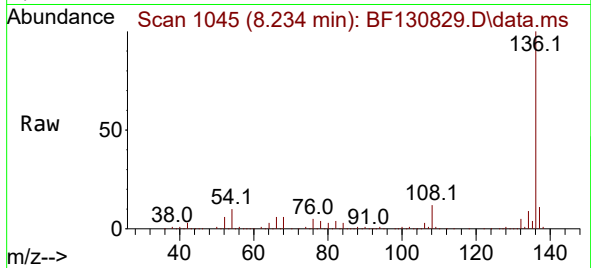




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.234 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

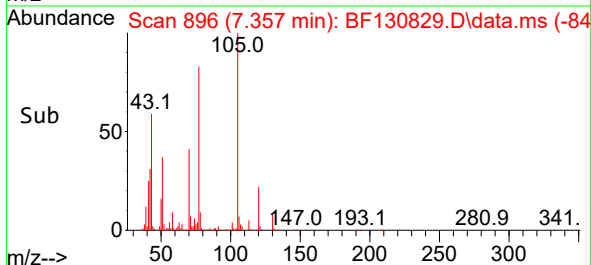
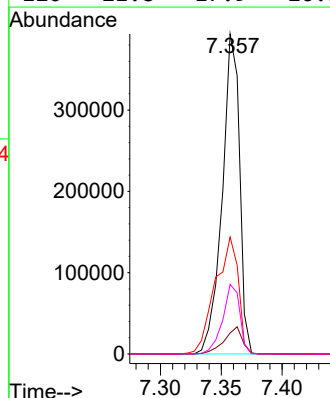
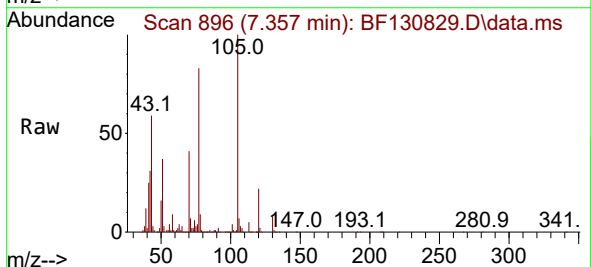
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

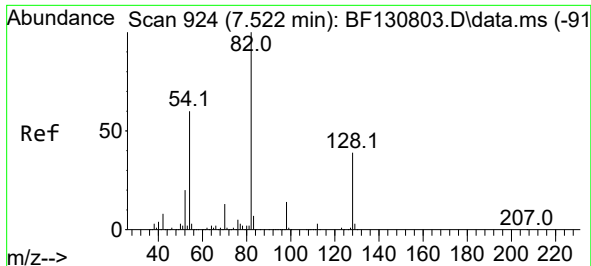
Tgt Ion:136 Resp: 392558  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.2 13.8  
54 9.8 8.8 13.2  
68 6.1 5.2 7.8



#22  
Acetophenone  
Concen: 41.134 ng  
RT: 7.357 min Scan# 896  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:105 Resp: 391506  
Ion Ratio Lower Upper  
105 100  
71 6.5 7.2 10.8#  
51 36.6 25.9 38.9  
120 21.8 17.9 26.9





#23

Nitrobenzene-d5

Concen: 90.256 ng

RT: 7.516 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

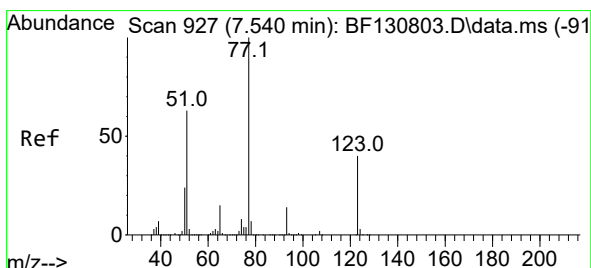
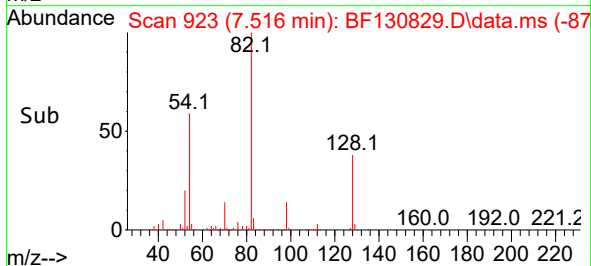
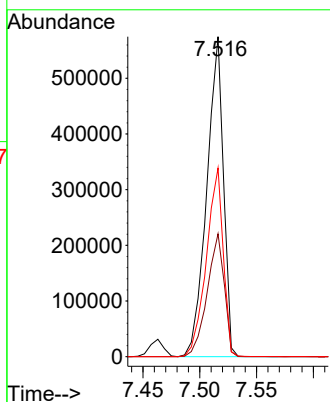
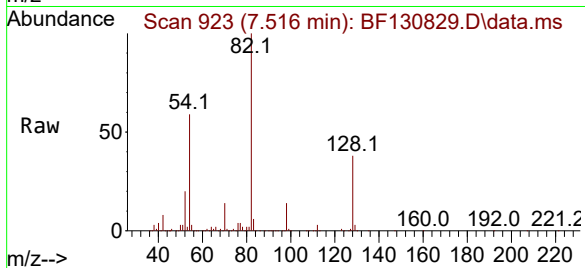
Tgt Ion: 82 Resp: 587584

Ion Ratio Lower Upper

82 100

128 38.4 31.2 46.8

54 59.0 48.0 72.0



#24

Nitrobenzene

Concen: 43.719 ng

RT: 7.534 min Scan# 926

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

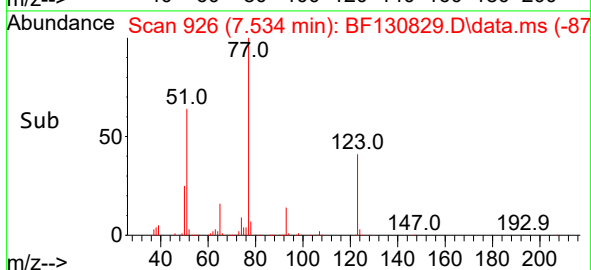
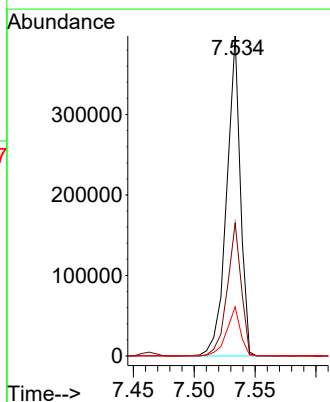
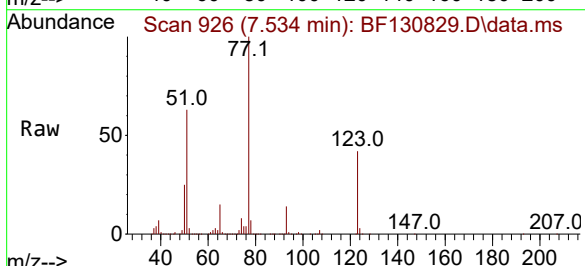
Tgt Ion: 77 Resp: 311224

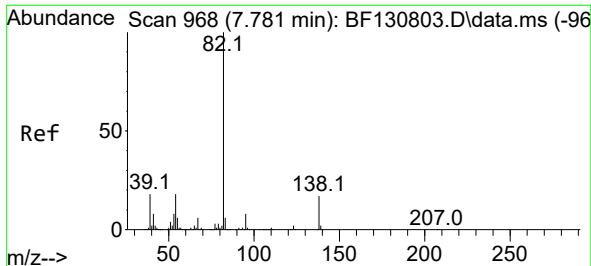
Ion Ratio Lower Upper

77 100

123 41.6 32.2 48.2

65 15.3 12.0 18.0

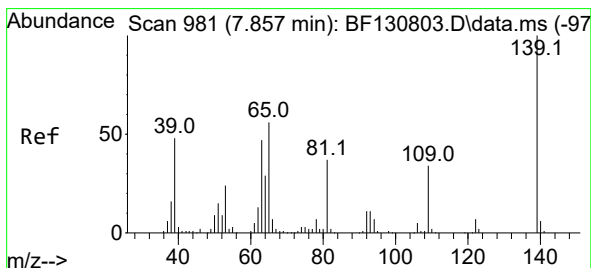
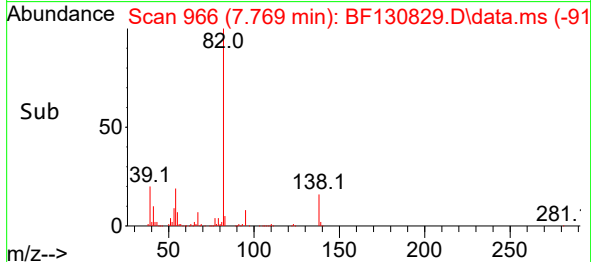
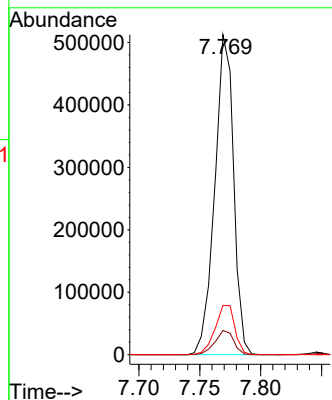
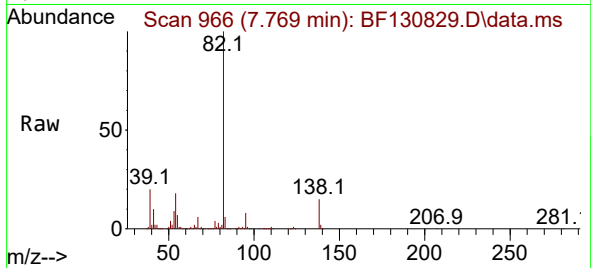




#25  
Isophorone  
Concen: 40.980 ng  
RT: 7.769 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

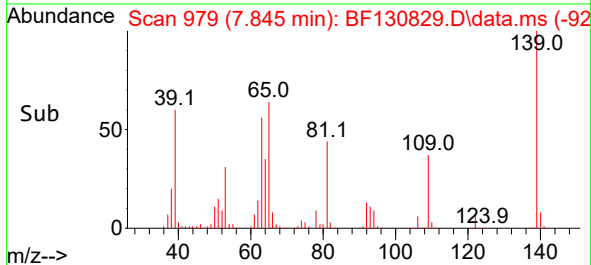
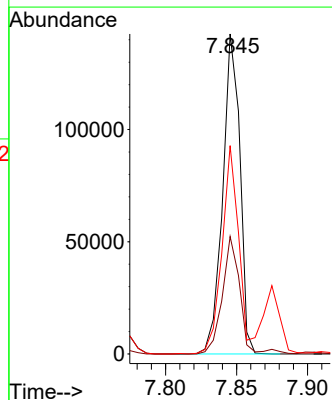
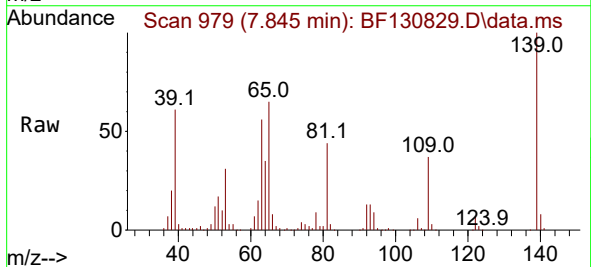
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

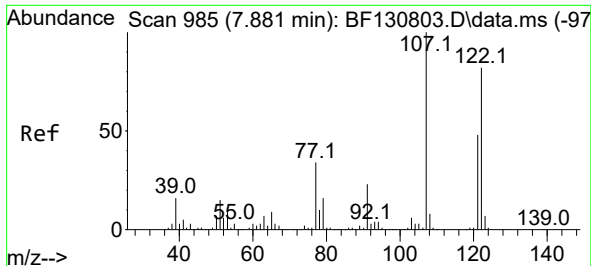
Tgt Ion: 82 Resp: 550159  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.2 9.4  
138 15.4 13.8 20.6



#26  
2-Nitrophenol  
Concen: 43.103 ng  
RT: 7.845 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:139 Resp: 119702  
Ion Ratio Lower Upper  
139 100  
109 36.7 27.3 40.9  
65 65.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 41.174 ng

RT: 7.875 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

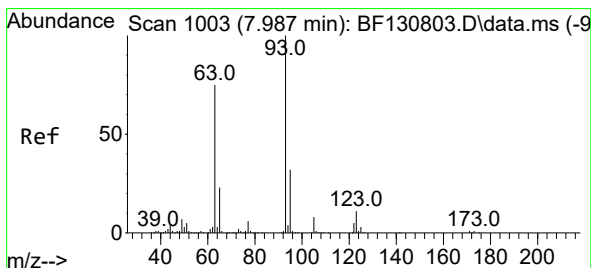
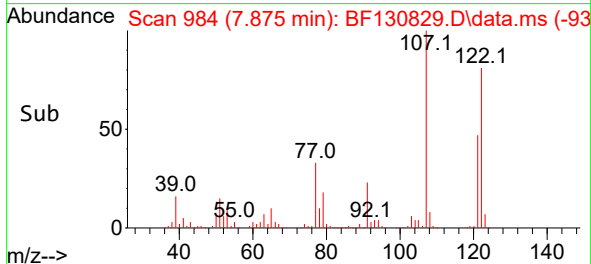
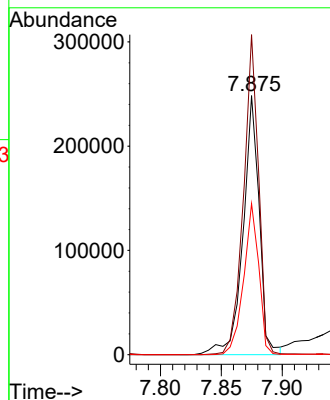
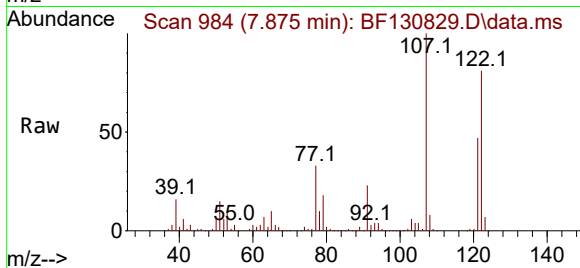
Tgt Ion:122 Resp: 230048

Ion Ratio Lower Upper

122 100

107 123.5 97.1 145.7

121 58.3 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.914 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

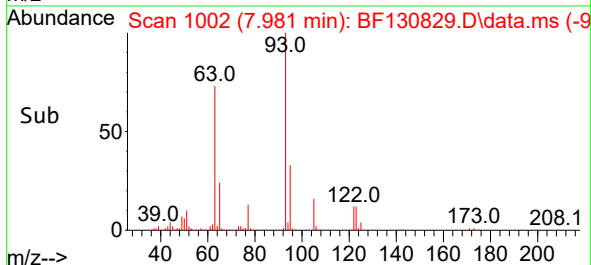
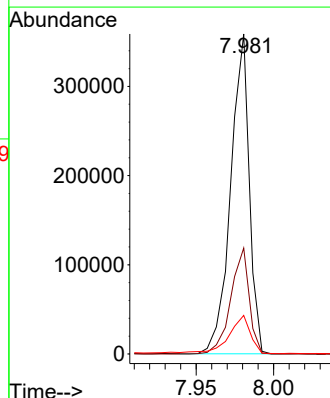
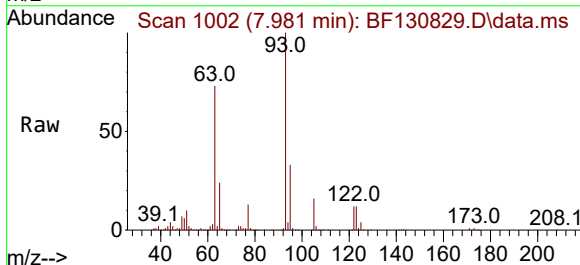
Tgt Ion: 93 Resp: 299260

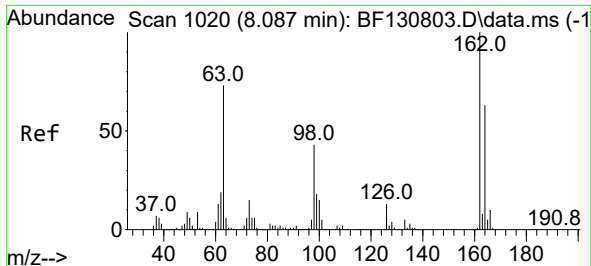
Ion Ratio Lower Upper

93 100

95 33.1 25.7 38.5

123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.342 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

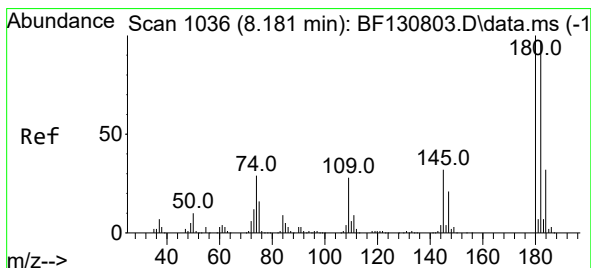
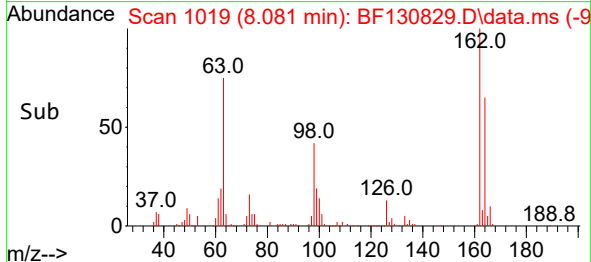
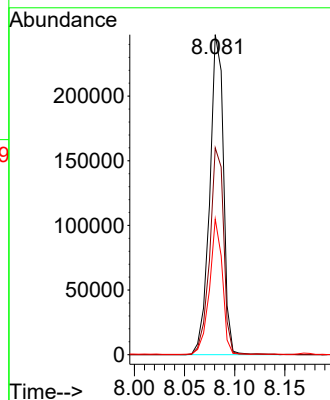
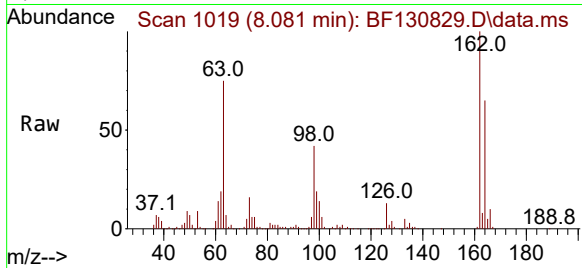
Tgt Ion:162 Resp: 237617

Ion Ratio Lower Upper

162 100

164 64.6 43.2 83.2

98 42.4 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 40.770 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

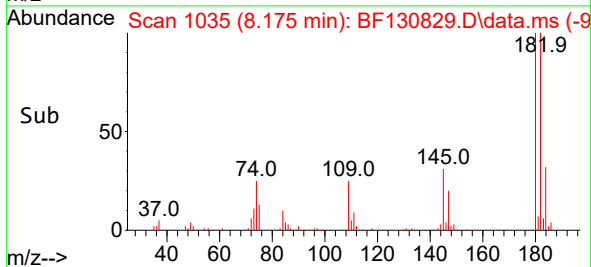
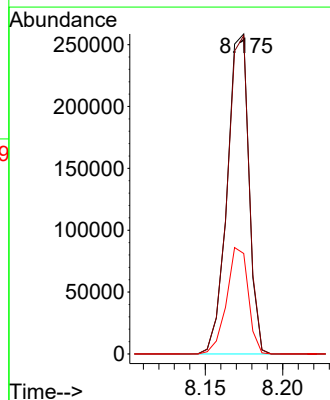
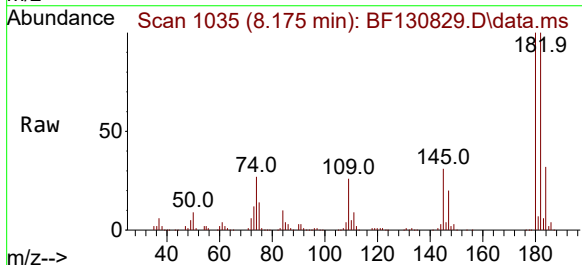
Tgt Ion:180 Resp: 251977

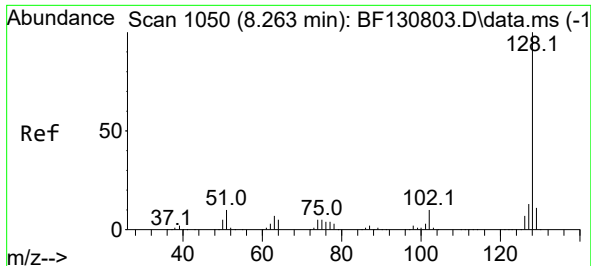
Ion Ratio Lower Upper

180 100

182 99.5 77.7 116.5

145 31.4 25.9 38.9

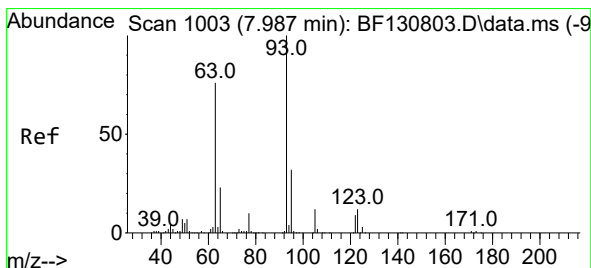
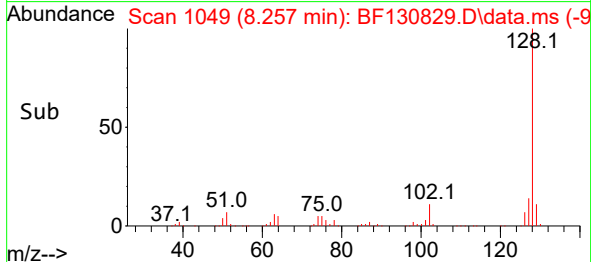
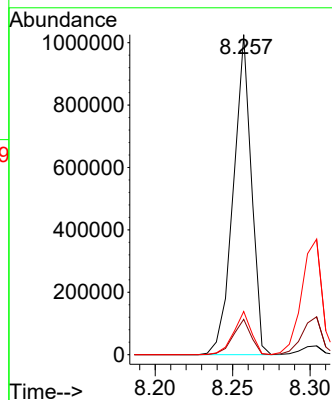
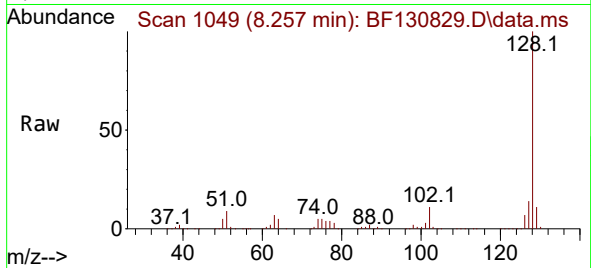




#31  
Naphthalene  
Concen: 40.565 ng  
RT: 8.257 min Scan# 1049  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

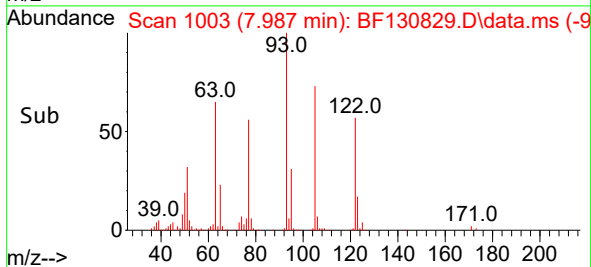
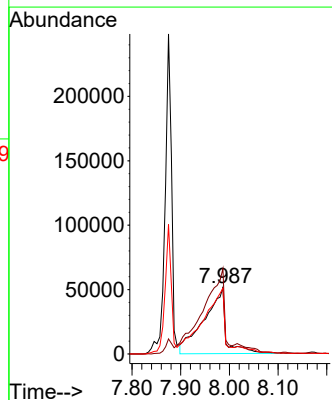
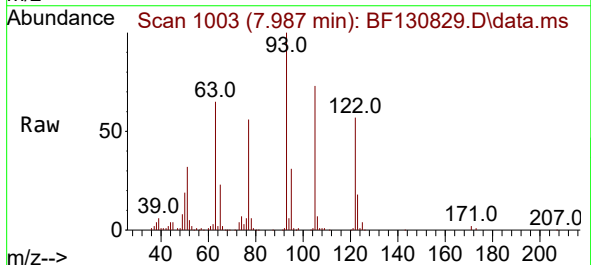
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

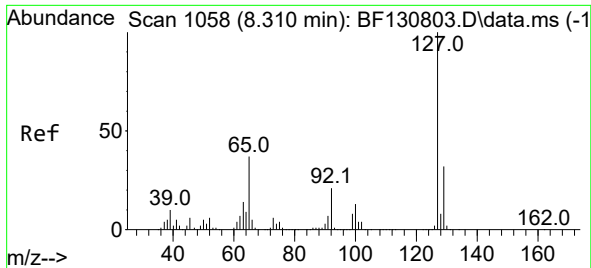
Tgt Ion:128 Resp: 830809  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.5 10.6 16.0



#32  
Benzoic acid  
Concen: 41.562 ng  
RT: 7.987 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:122 Resp: 160165  
Ion Ratio Lower Upper  
122 100  
105 128.4 114.5 154.5  
77 98.7 89.8 129.8

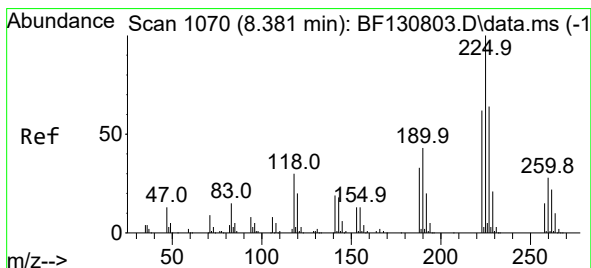
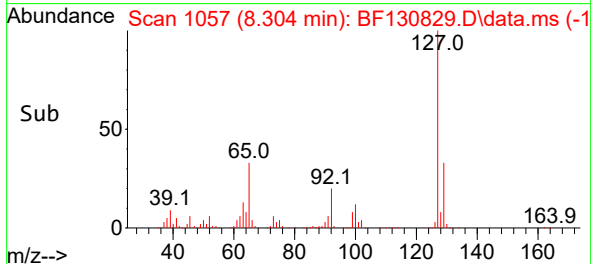
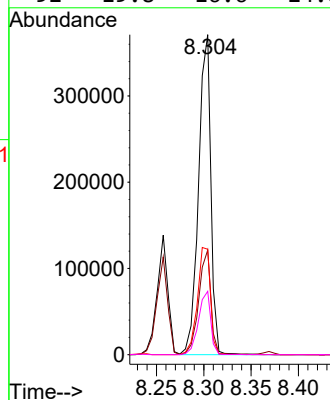
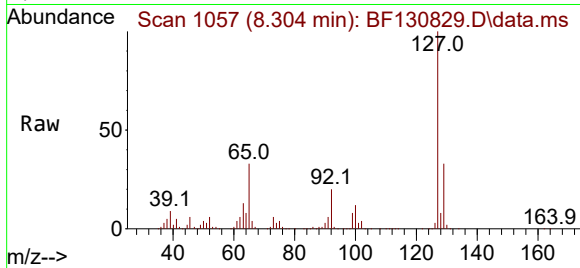




#33  
4-Chloroaniline  
Concen: 41.643 ng  
RT: 8.304 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

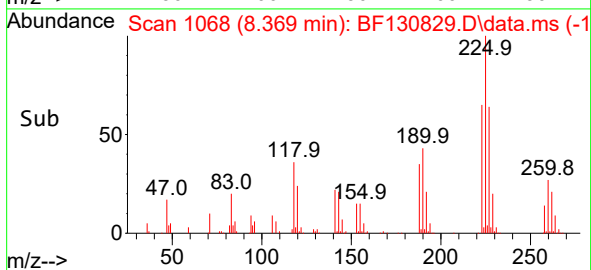
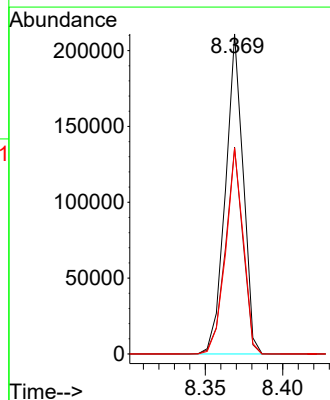
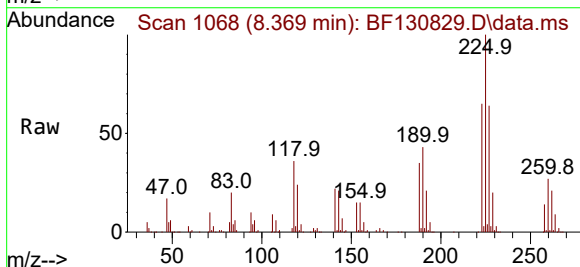
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

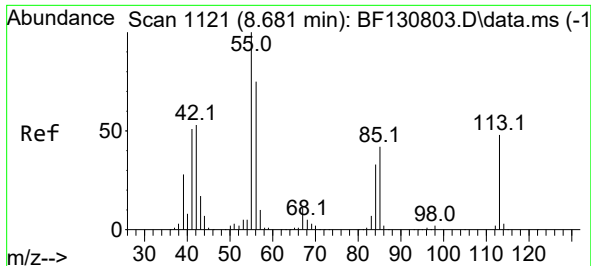
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 337027 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 25.6  | 38.4   |
| 65       | 32.9  | 29.4  | 44.2   |
| 92       | 19.8  | 16.6  | 24.8   |



#34  
Hexachlorobutadiene  
Concen: 40.829 ng  
RT: 8.369 min Scan# 1068  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 167509 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.5  | 49.9  | 74.9   |
| 227      | 64.3  | 51.5  | 77.3   |

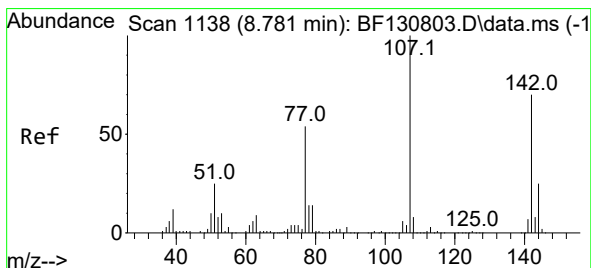
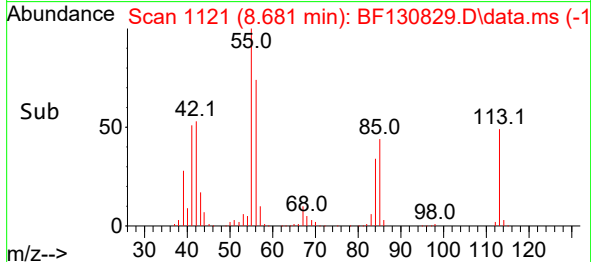
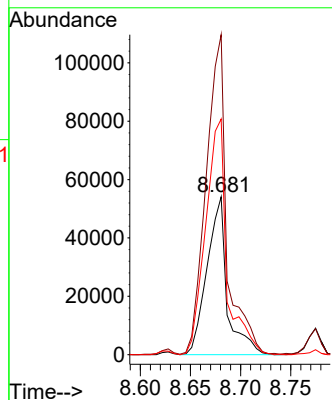
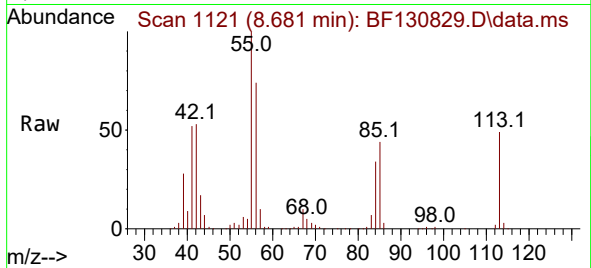




#35  
 Caprolactam  
 Concen: 41.196 ng  
 RT: 8.681 min Scan# 1121  
 Delta R.T. 0.000 min  
 Lab File: BF130829.D  
 Acq: 28 Oct 2022 18:20

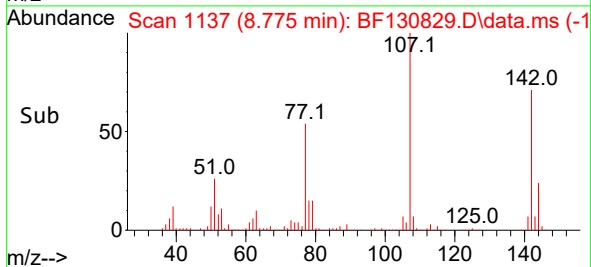
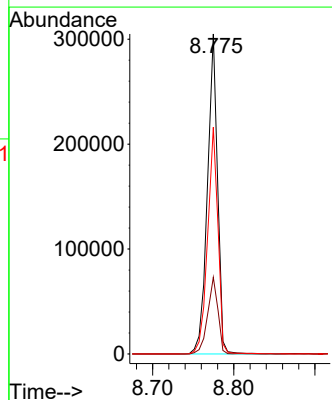
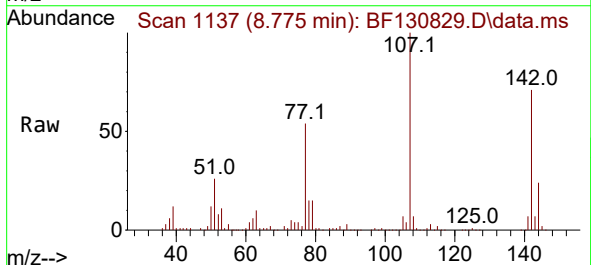
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

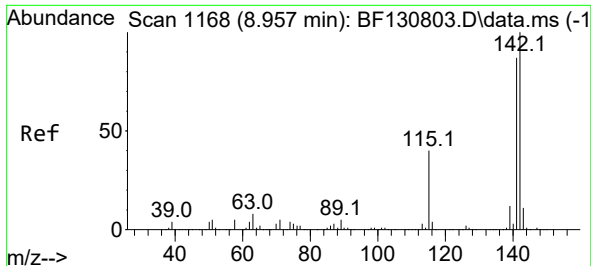
Tgt Ion:113 Resp: 75876  
 Ion Ratio Lower Upper  
 113 100  
 55 202.6 187.0 227.0  
 56 149.2 134.2 174.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.445 ng  
 RT: 8.775 min Scan# 1137  
 Delta R.T. 0.000 min  
 Lab File: BF130829.D  
 Acq: 28 Oct 2022 18:20

Tgt Ion:107 Resp: 264620  
 Ion Ratio Lower Upper  
 107 100  
 144 24.0 19.8 29.8  
 142 70.9 56.0 84.0

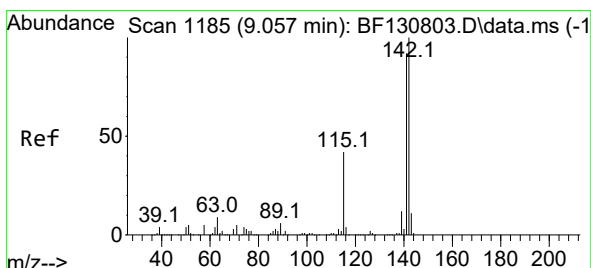
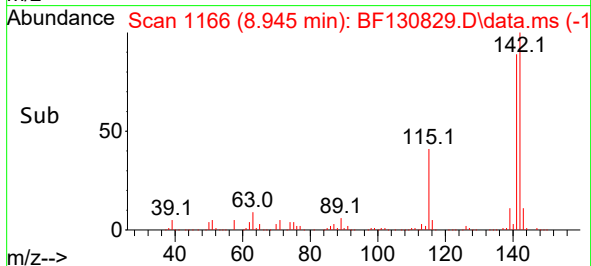
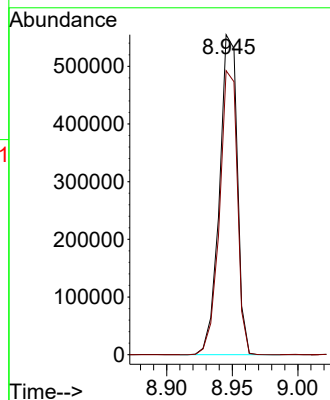
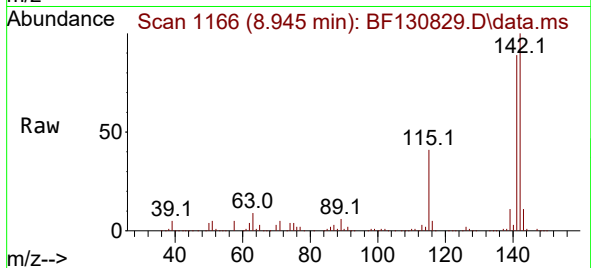




#37  
2-Methylnaphthalene  
Concen: 40.724 ng  
RT: 8.945 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

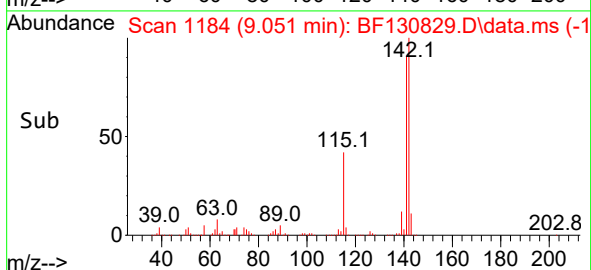
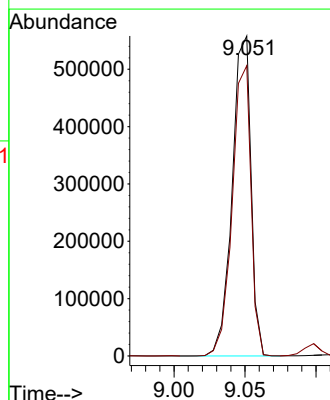
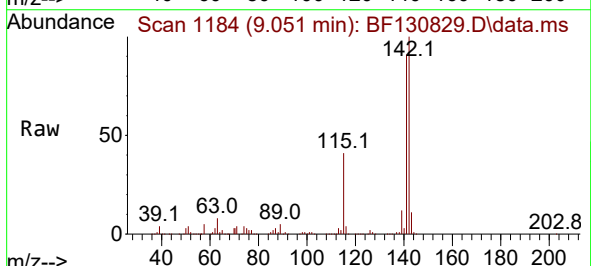
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

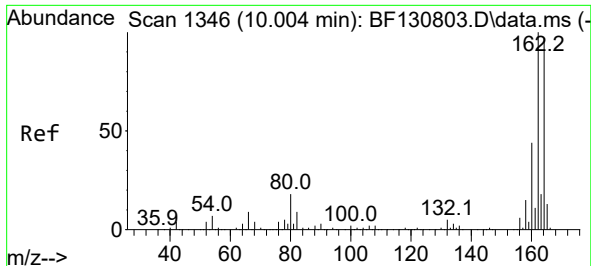
Tgt Ion:142 Resp: 524643  
Ion Ratio Lower Upper  
142 100  
141 88.7 69.9 104.9



#38  
1-Methylnaphthalene  
Concen: 40.982 ng  
RT: 9.051 min Scan# 1184  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:142 Resp: 513817  
Ion Ratio Lower Upper  
142 100  
141 90.7 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

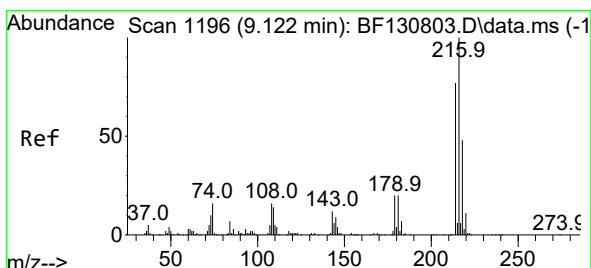
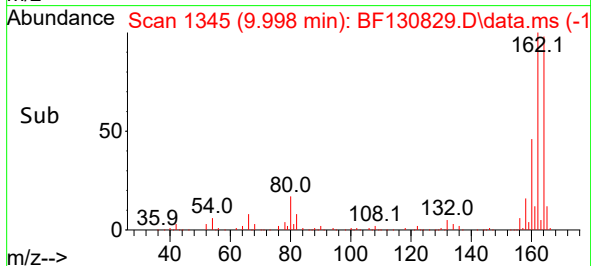
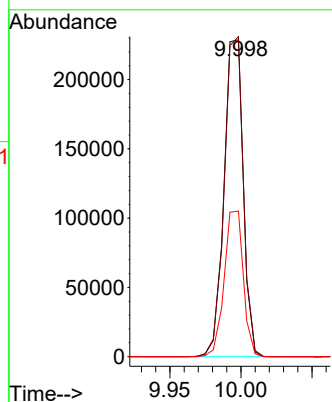
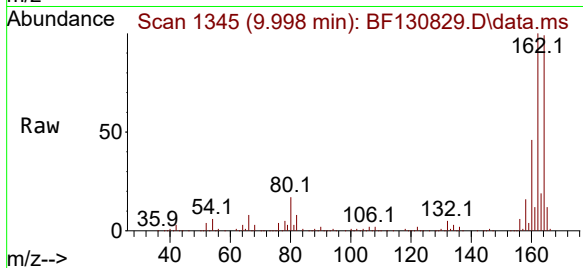
Tgt Ion:164 Resp: 214873

Ion Ratio Lower Upper

164 100

162 101.0 82.2 123.2

160 45.9 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.603 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Tgt Ion:216 Resp: 247412

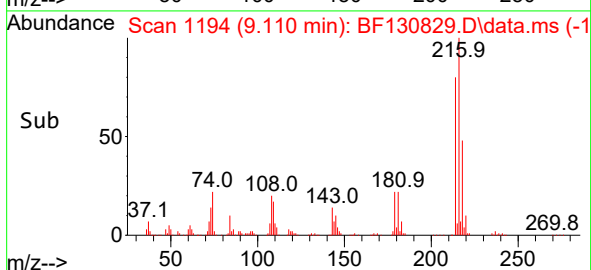
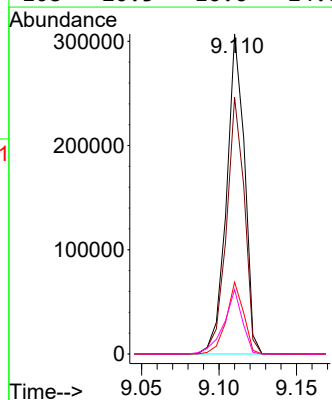
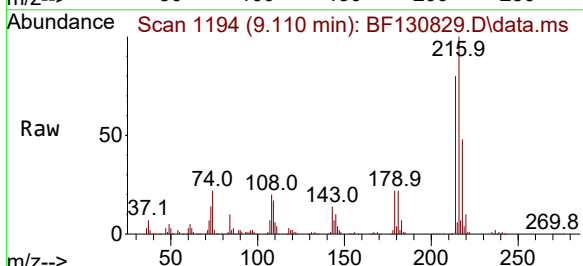
Ion Ratio Lower Upper

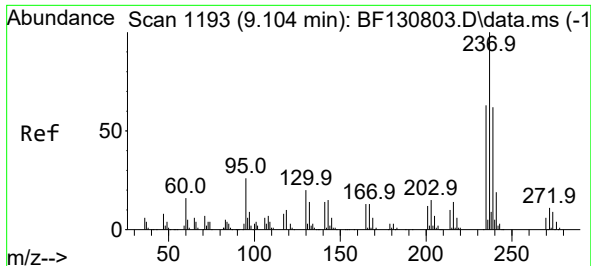
216 100

214 79.8 62.7 94.1

179 21.5 16.9 25.3

108 20.5 16.6 24.8

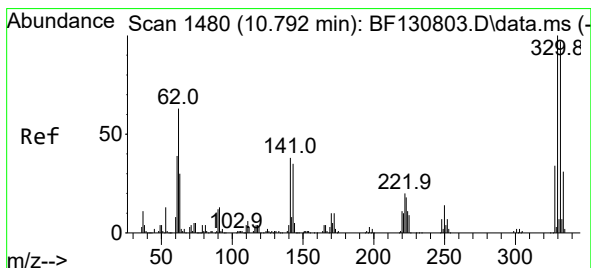
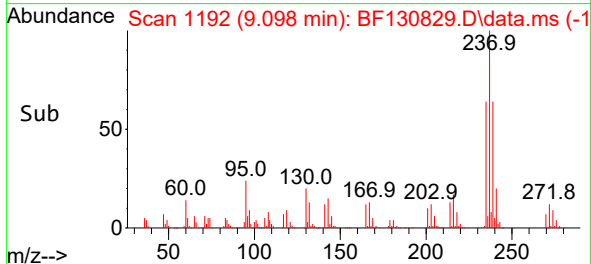
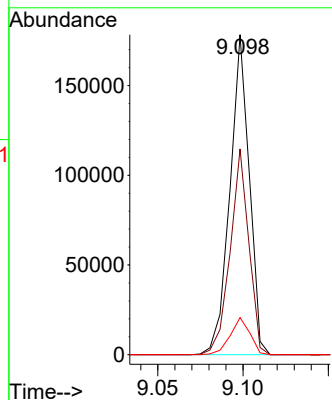
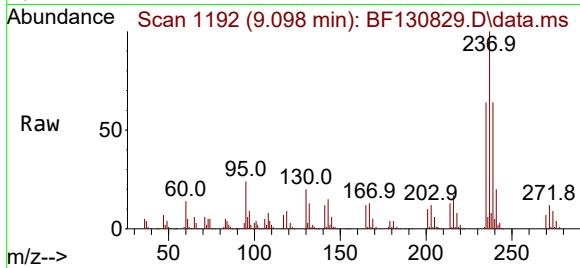




#41  
Hexachlorocyclopentadiene  
Concen: 43.972 ng  
RT: 9.098 min Scan# 1193  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

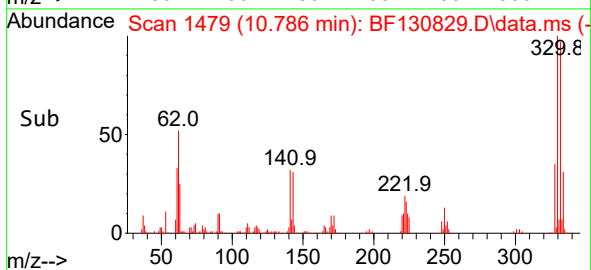
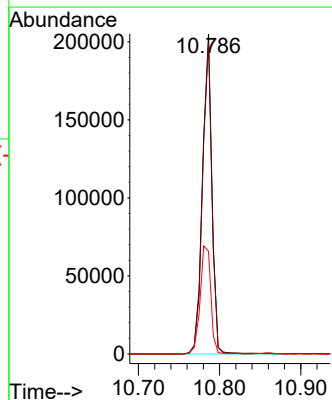
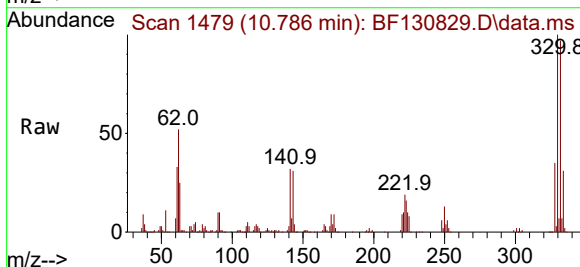
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

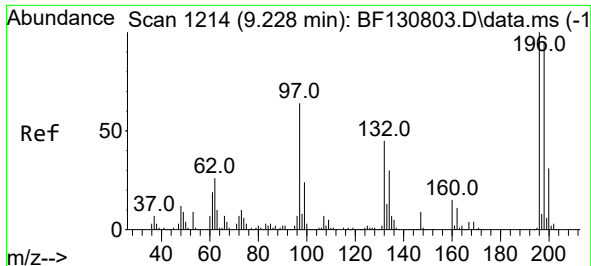
Tgt Ion:237 Resp: 140782  
Ion Ratio Lower Upper  
237 100  
235 64.3 43.5 83.5  
272 11.6 0.0 31.4



#42  
2,4,6-Tribromophenol  
Concen: 91.787 ng  
RT: 10.786 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:330 Resp: 166024  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.2 114.4  
141 38.2 31.4 47.0

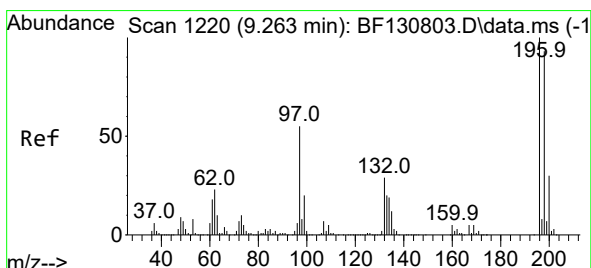
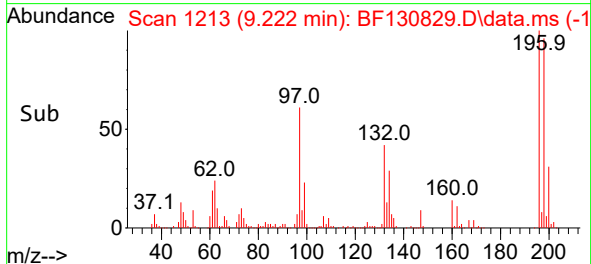
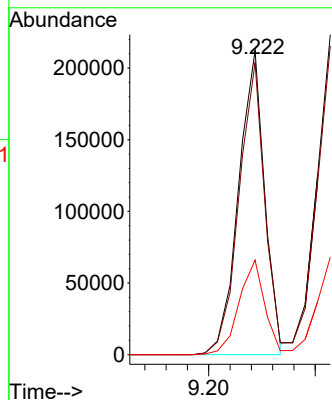
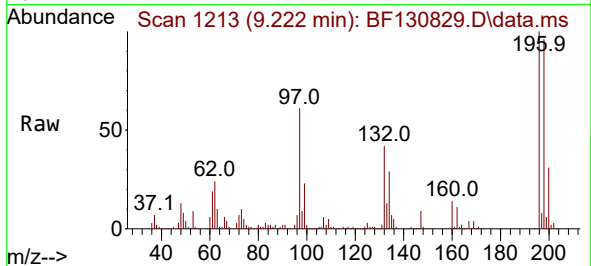




#43  
2,4,6-Trichlorophenol  
Concen: 42.764 ng  
RT: 9.222 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

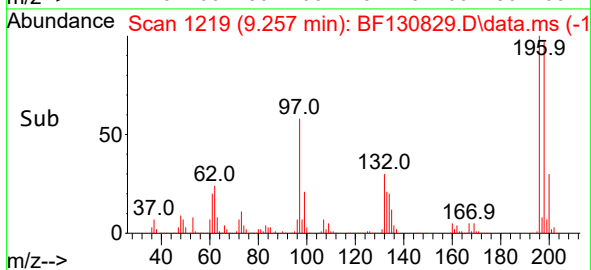
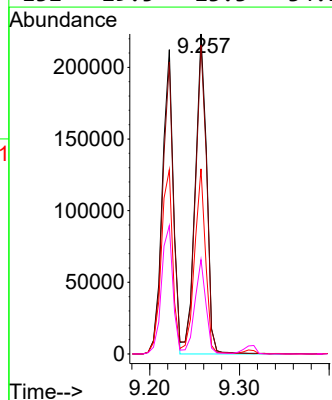
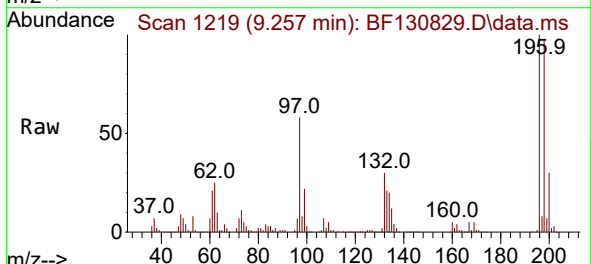
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

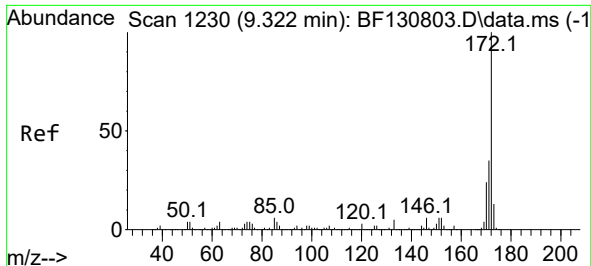
Tgt Ion:196 Resp: 181068  
Ion Ratio Lower Upper  
196 100  
198 95.9 76.1 114.1  
200 31.1 24.5 36.7



#44  
2,4,5-Trichlorophenol  
Concen: 43.834 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:196 Resp: 198290  
Ion Ratio Lower Upper  
196 100  
198 96.5 74.6 112.0  
97 57.9 44.7 67.1  
132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 79.077 ng

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

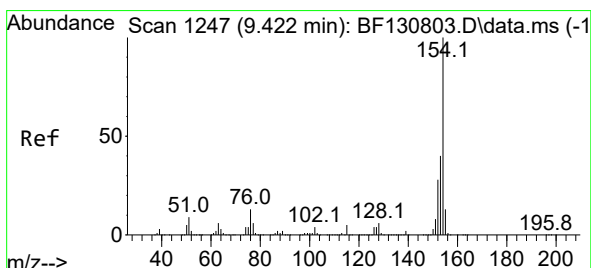
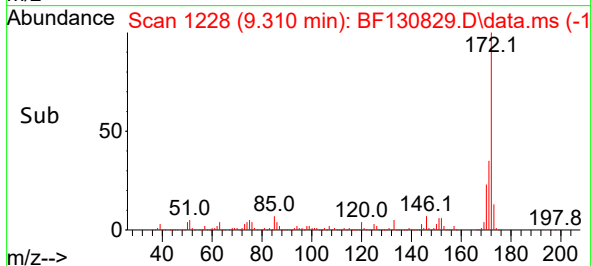
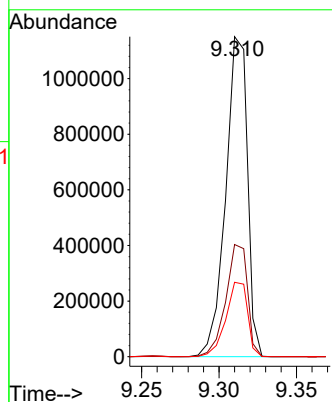
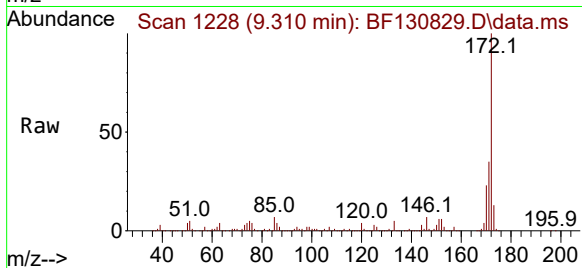
Tgt Ion:172 Resp: 1123870

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.643 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

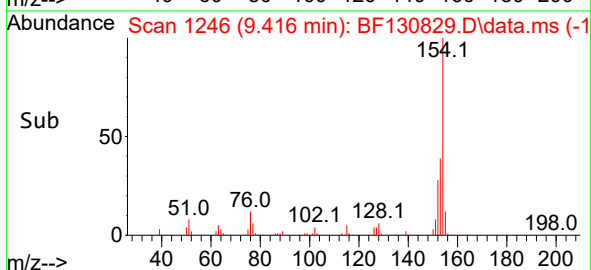
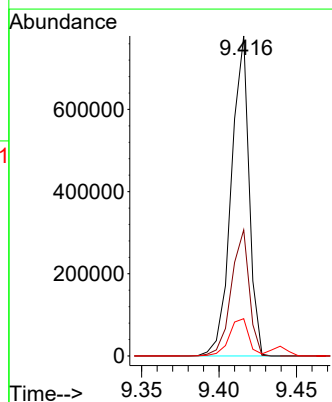
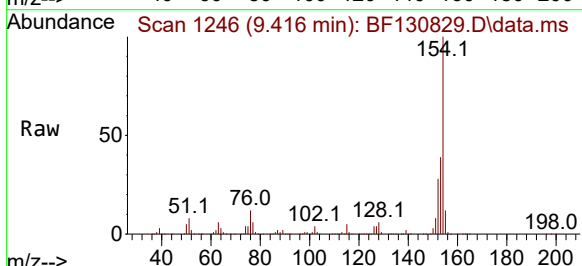
Tgt Ion:154 Resp: 622196

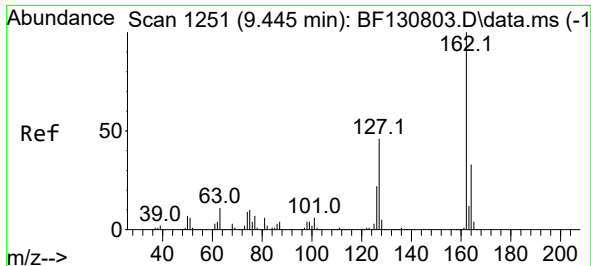
Ion Ratio Lower Upper

154 100

153 39.4 19.9 59.9

76 11.7 0.0 32.5





#47

2-Chloronaphthalene

Concen: 41.182 ng

RT: 9.439 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

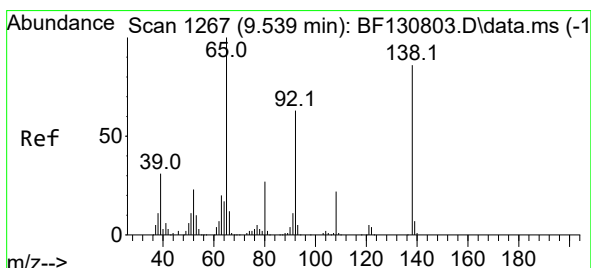
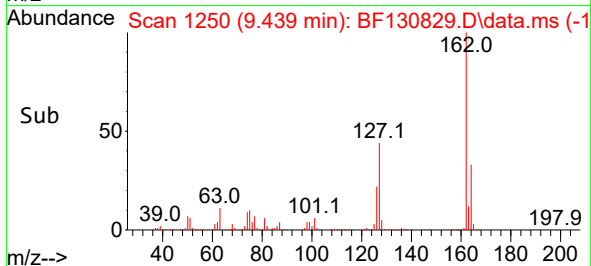
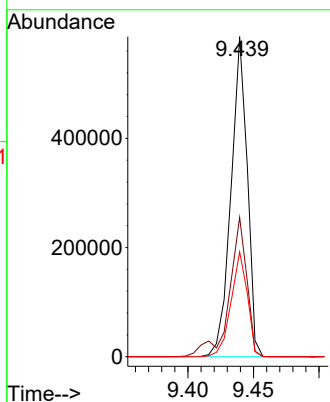
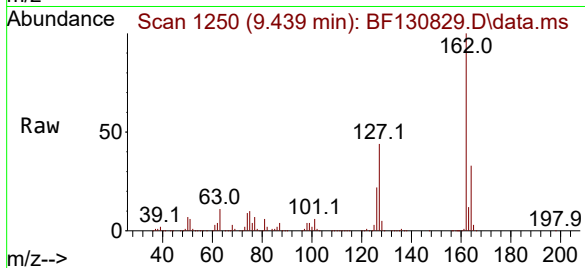
Tgt Ion:162 Resp: 505523

Ion Ratio Lower Upper

162 100

127 43.5 36.6 54.8

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 44.118 ng

RT: 9.534 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

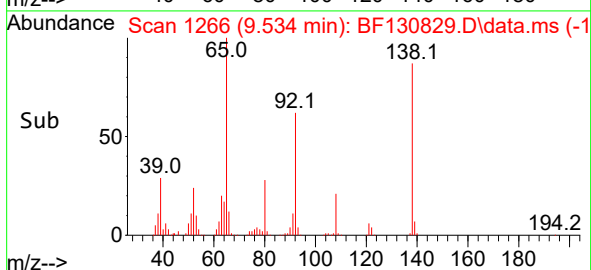
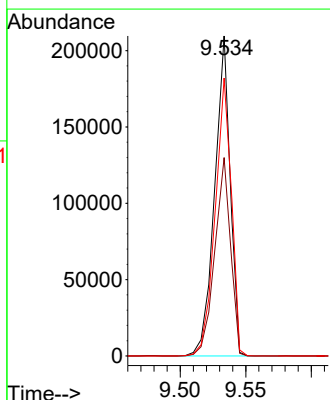
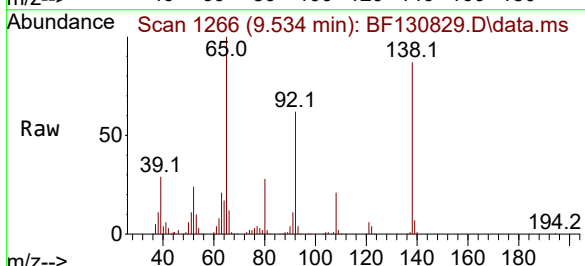
Tgt Ion: 65 Resp: 172694

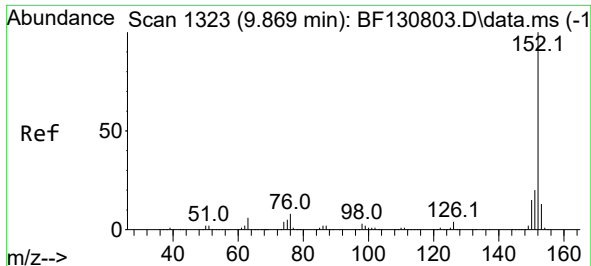
Ion Ratio Lower Upper

65 100

92 62.0 50.1 75.1

138 86.9 69.2 103.8





#49

Acenaphthylene

Concen: 41.034 ng

RT: 9.857 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

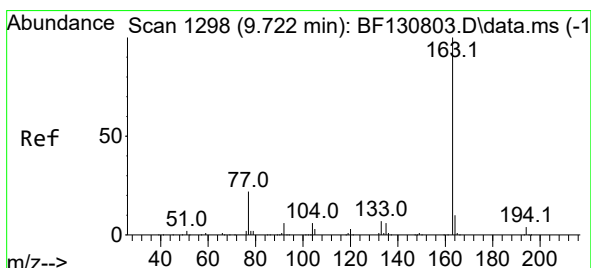
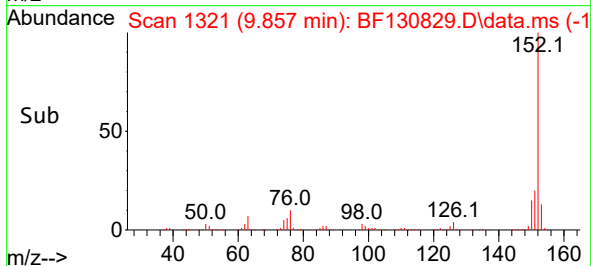
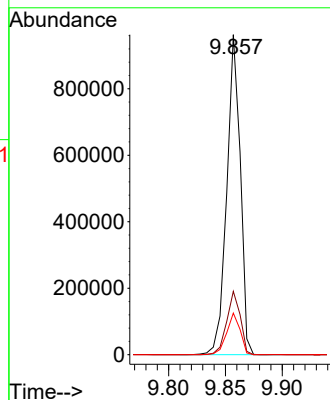
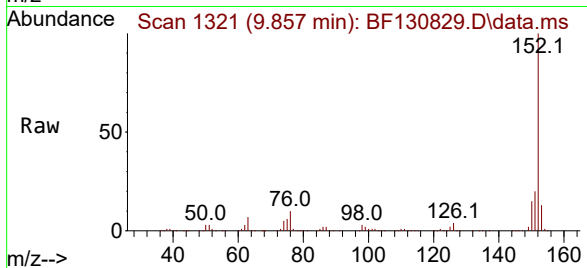
Tgt Ion:152 Resp: 795981

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 40.677 ng

RT: 9.716 min Scan# 1297

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

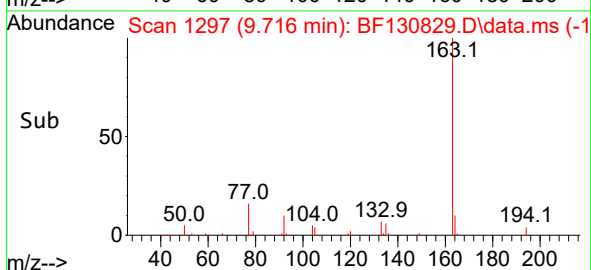
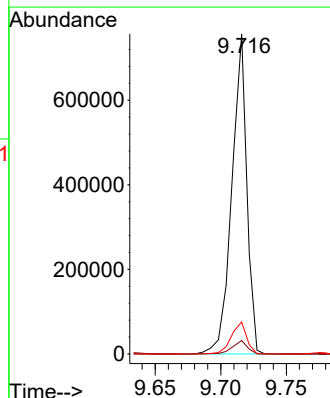
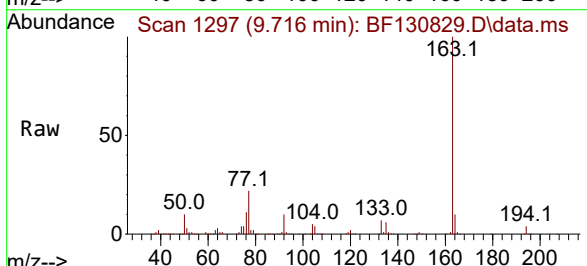
Tgt Ion:163 Resp: 600341

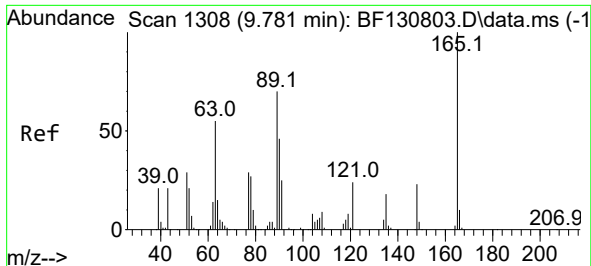
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.0 8.0 12.0

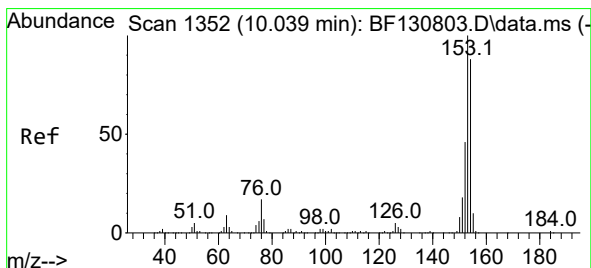
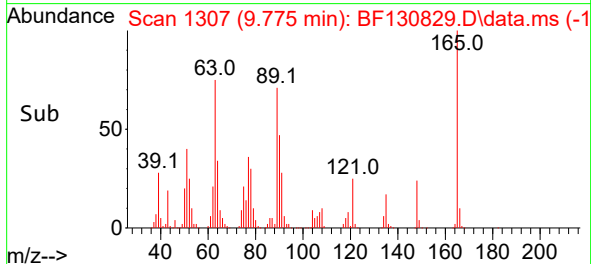
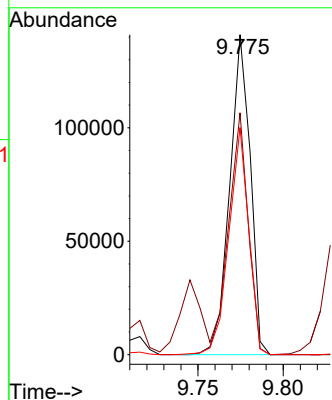
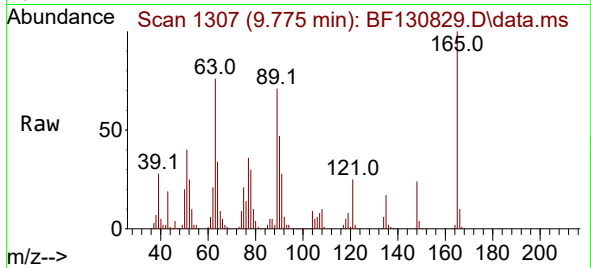




#51  
2,6-Dinitrotoluene  
Concen: 42.431 ng  
RT: 9.775 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

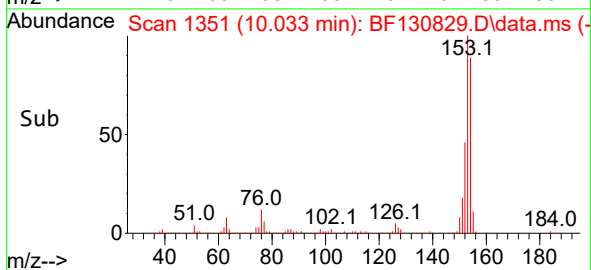
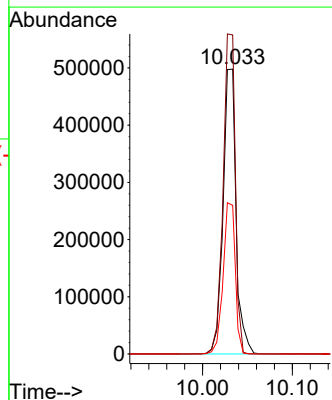
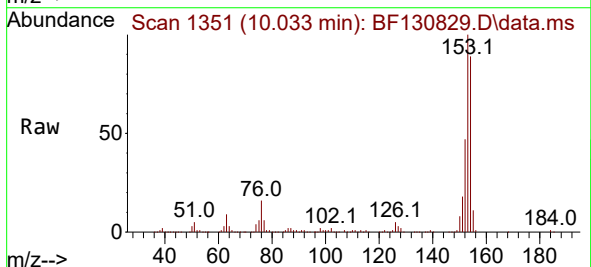
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

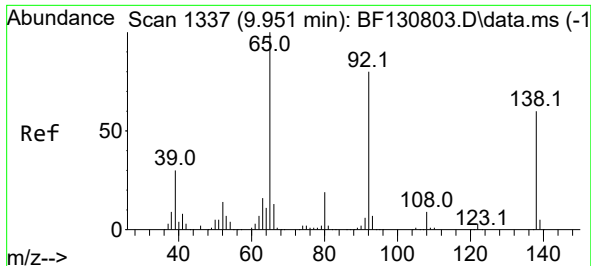
Tgt Ion:165 Resp: 118079  
Ion Ratio Lower Upper  
165 100  
63 75.6 61.8 92.8  
89 71.0 56.2 84.4



#52  
Acenaphthene  
Concen: 41.876 ng  
RT: 10.033 min Scan# 1351  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:154 Resp: 502299  
Ion Ratio Lower Upper  
154 100  
153 112.0 90.5 135.7  
152 52.2 42.0 63.0

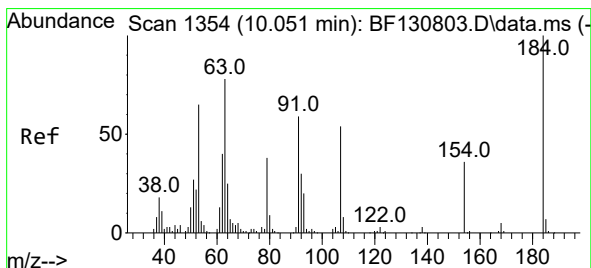
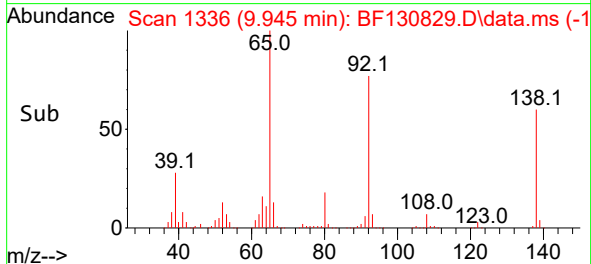
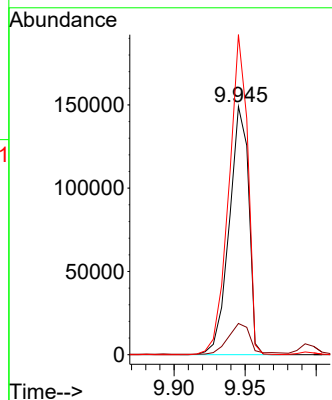
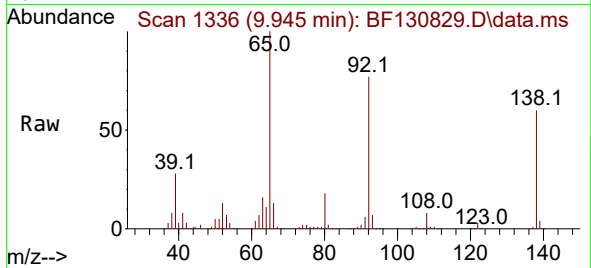




#53  
3-Nitroaniline  
Concen: 49.427 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

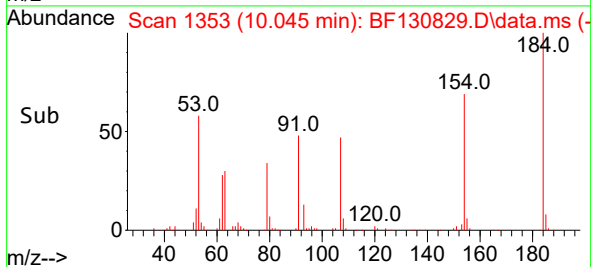
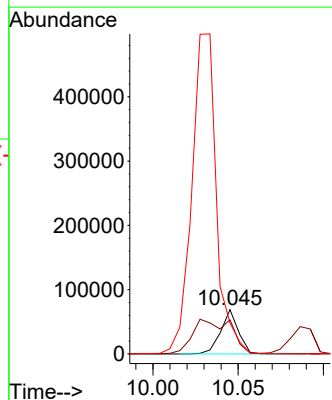
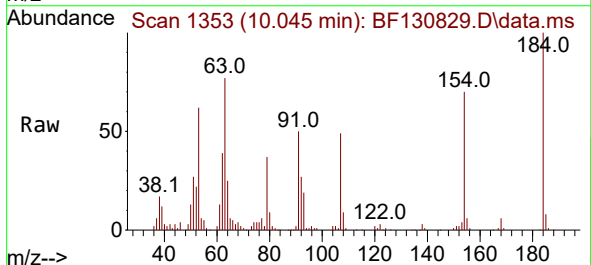
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

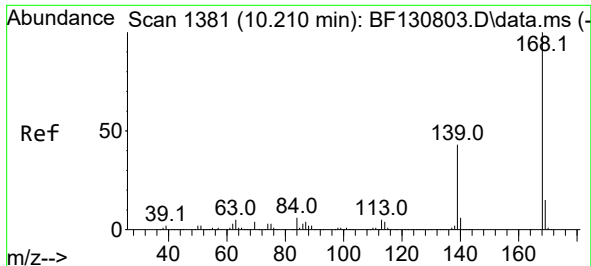
Tgt Ion:138 Resp: 142086  
Ion Ratio Lower Upper  
138 100  
108 12.6 12.7 19.1#  
92 128.9 107.8 161.8



#54  
2,4-Dinitrophenol  
Concen: 46.893 ng  
RT: 10.045 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:184 Resp: 49968  
Ion Ratio Lower Upper  
184 100  
63 77.2 66.7 100.1  
154 69.8 62.2 93.2

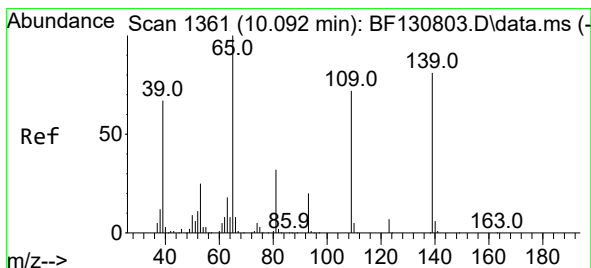
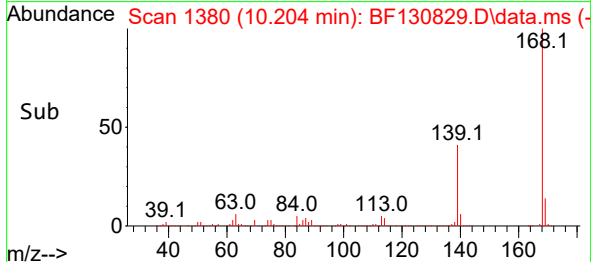
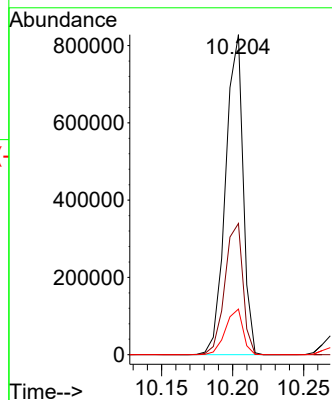
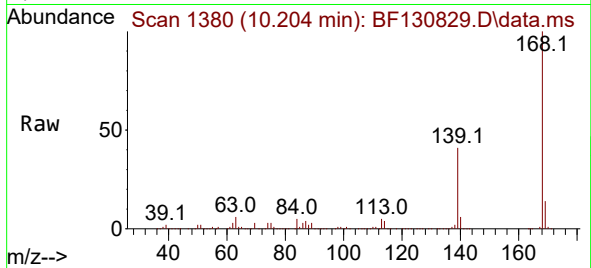




#55  
Dibenzenofuran  
Concen: 40.724 ng  
RT: 10.204 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

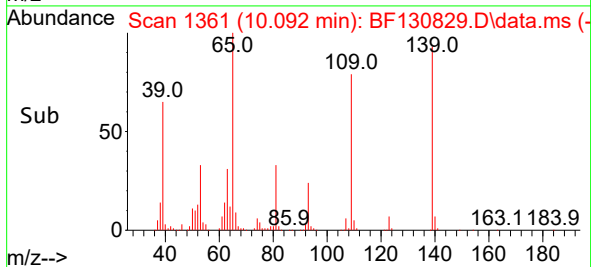
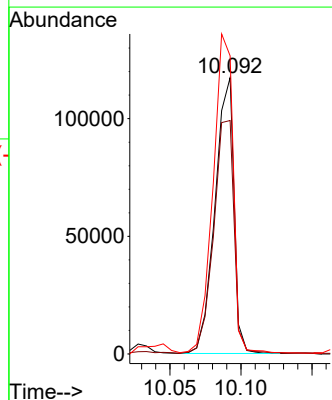
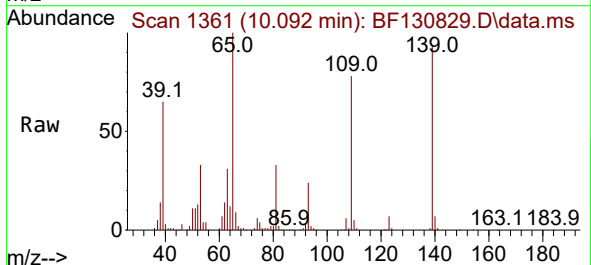
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

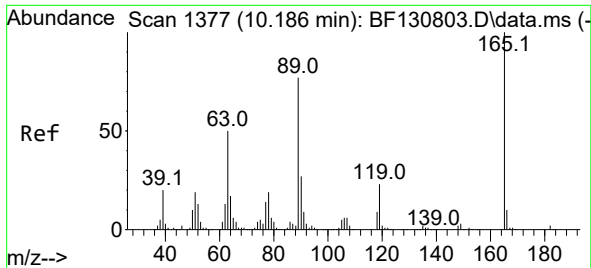
Tgt Ion:168 Resp: 708050  
Ion Ratio Lower Upper  
168 100  
139 41.0 34.3 51.5  
169 14.2 11.9 17.9



#56  
4-Nitrophenol  
Concen: 47.648 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:139 Resp: 108455  
Ion Ratio Lower Upper  
139 100  
109 84.5 69.3 109.3  
65 107.9 105.3 145.3

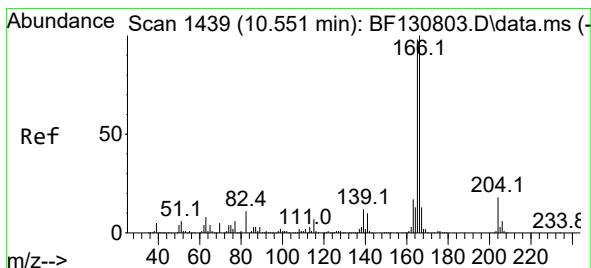
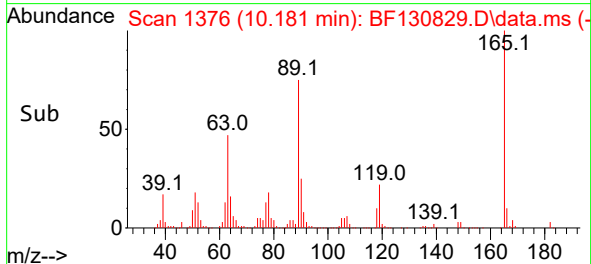
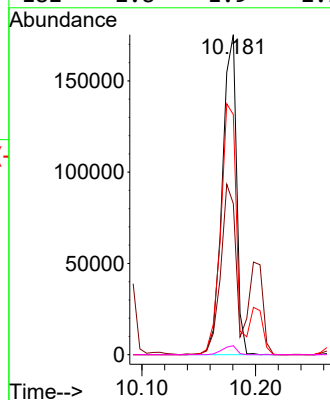
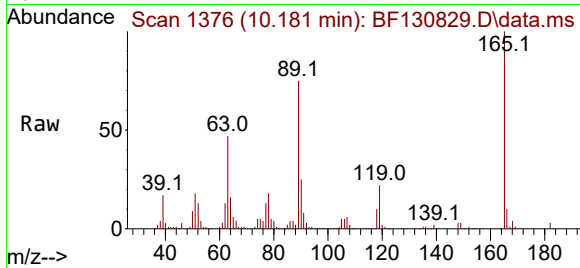




#57  
2,4-Dinitrotoluene  
Concen: 43.869 ng  
RT: 10.181 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

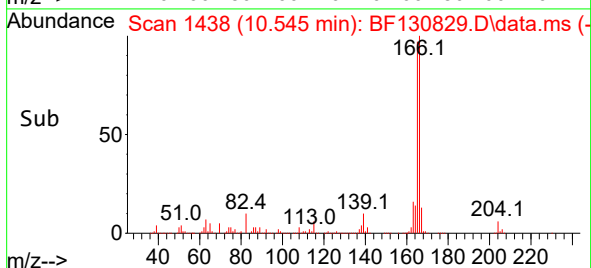
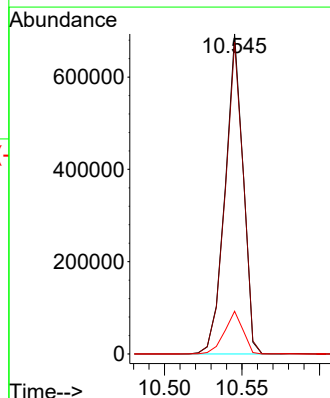
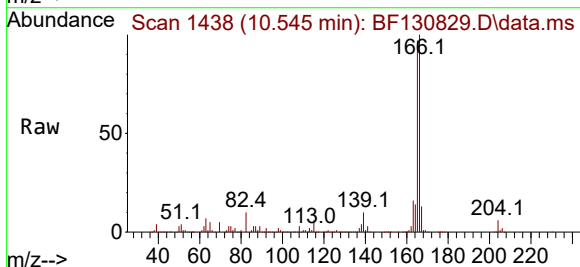
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

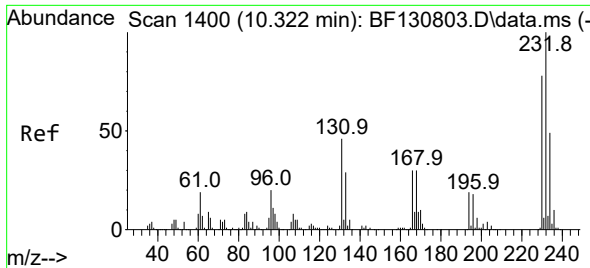
Tgt Ion:165 Resp: 153418  
Ion Ratio Lower Upper  
165 100  
63 47.2 39.8 59.6  
89 75.1 61.9 92.9  
182 2.8 1.9 2.9



#58  
Fluorene  
Concen: 40.881 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:166 Resp: 559678  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.1 117.1  
167 13.3 10.4 15.6

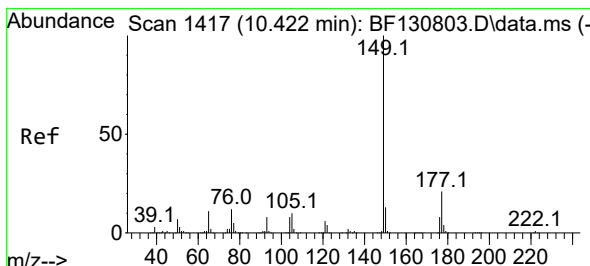
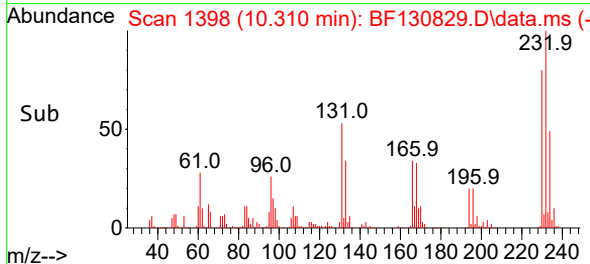
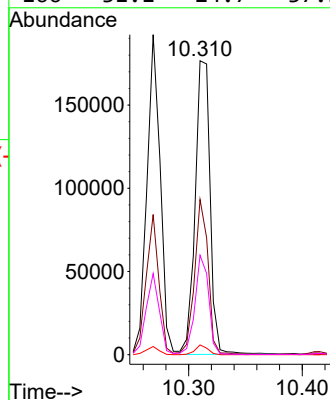
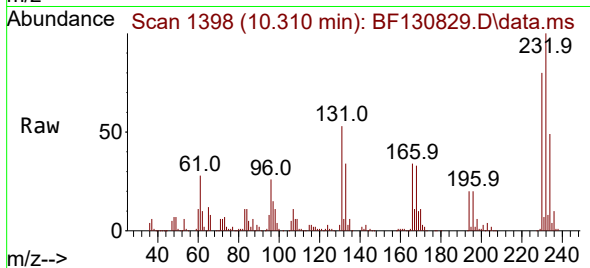




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.473 ng  
RT: 10.310 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

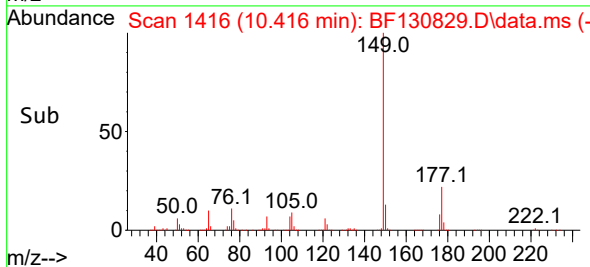
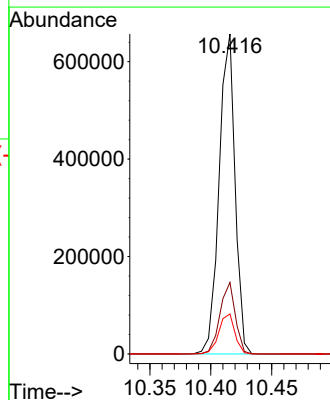
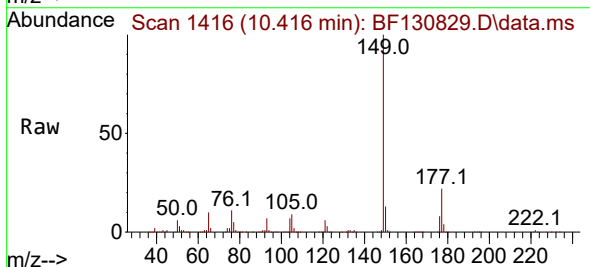
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

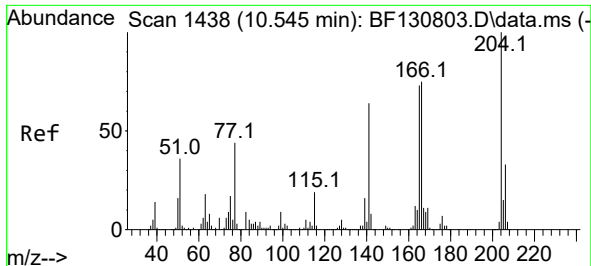
Tgt Ion:232 Resp: 162136  
Ion Ratio Lower Upper  
232 100  
131 47.6 39.6 59.4  
130 2.8 2.1 3.1  
166 31.1 24.7 37.1



#60  
Diethylphthalate  
Concen: 41.271 ng  
RT: 10.416 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:149 Resp: 599045  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.2 25.8  
150 12.5 10.8 16.2

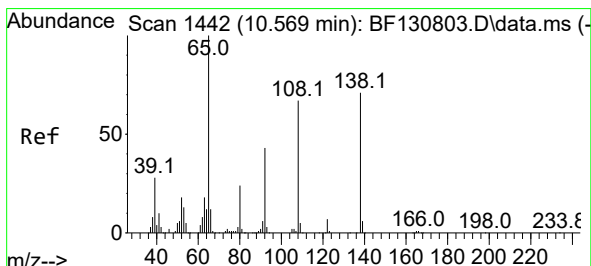
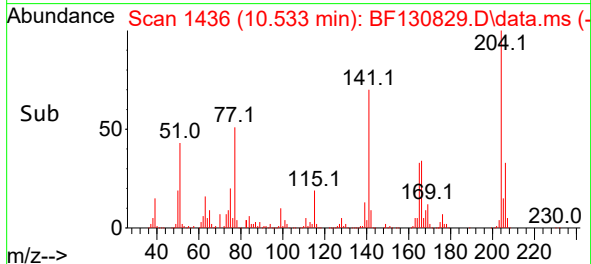
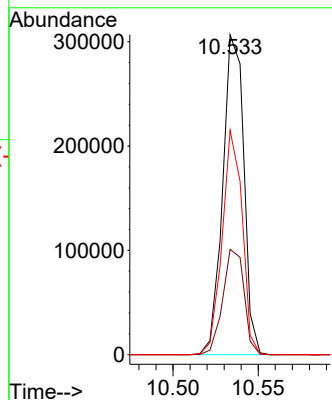
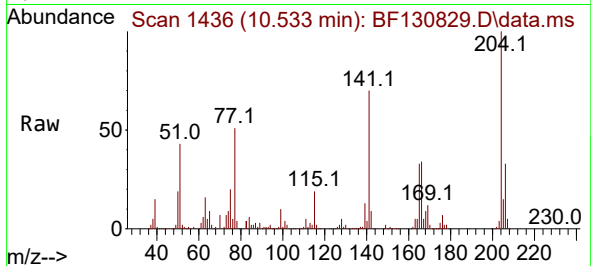




#61  
4-Chlorophenyl-phenylether  
Concen: 40.395 ng  
RT: 10.533 min Scan# 141  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

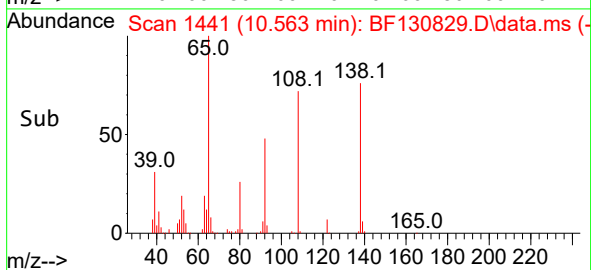
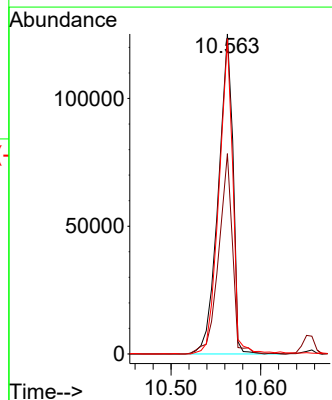
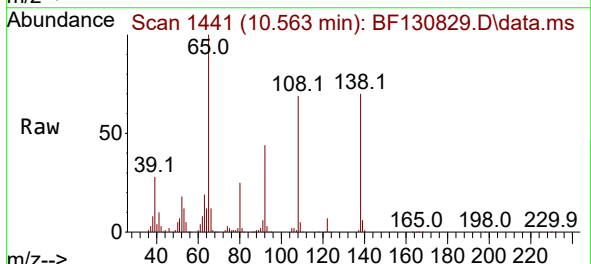
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

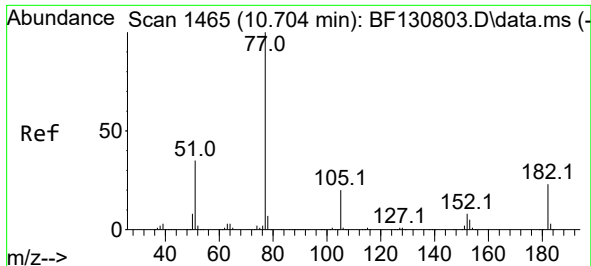
Tgt Ion:204 Resp: 264560  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.6 39.8  
141 70.1 51.3 76.9



#62  
4-Nitroaniline  
Concen: 48.525 ng  
RT: 10.563 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:138 Resp: 141249  
Ion Ratio Lower Upper  
138 100  
92 62.6 40.6 80.6  
108 98.5 74.7 114.7

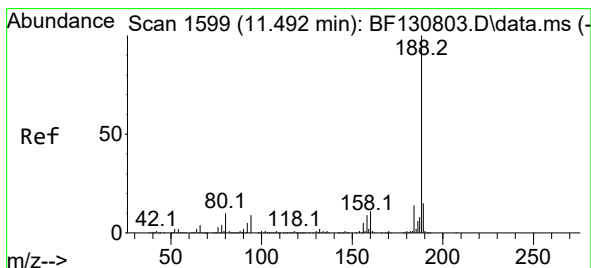
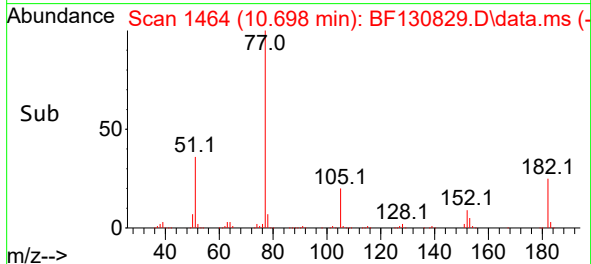
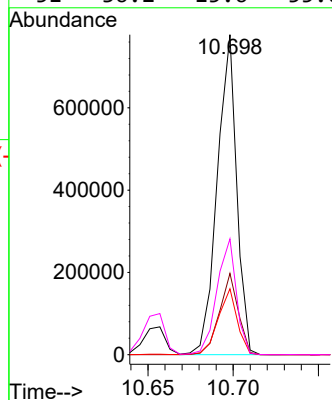
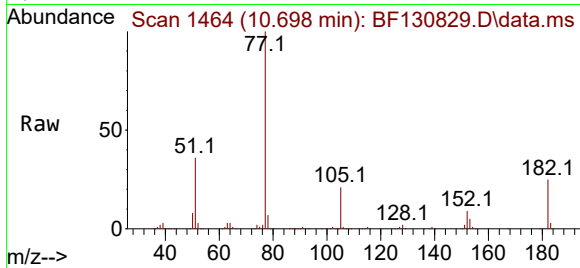




#63  
Azobenzene  
Concen: 40.793 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

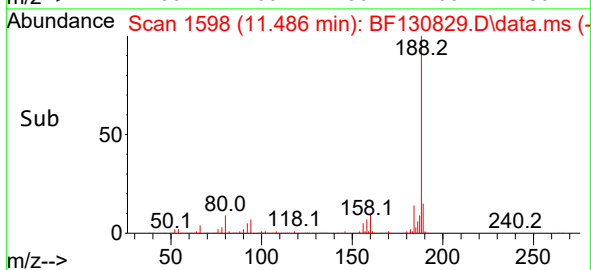
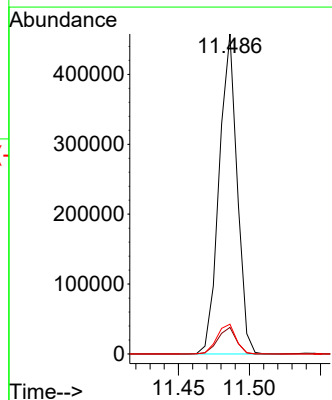
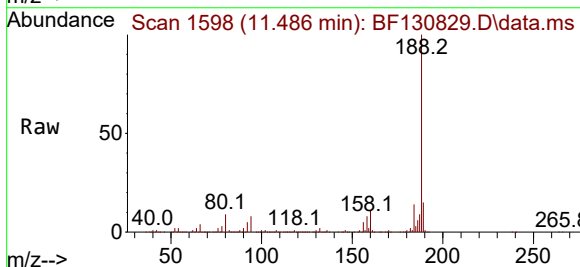
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

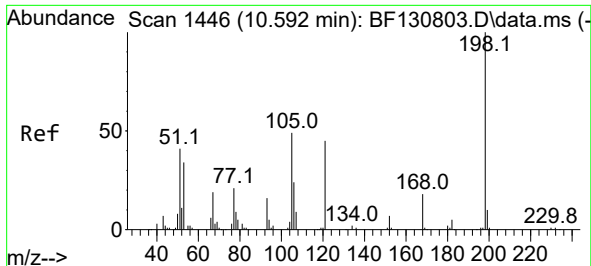
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 618084 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 25.4  | 2.6   | 42.6   |
| 105      | 20.6  | 0.0   | 40.0   |
| 51       | 36.2  | 15.6  | 55.6   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.486 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 402689 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.3   | 7.4   | 11.2   |
| 80       | 9.3   | 8.0   | 12.0   |

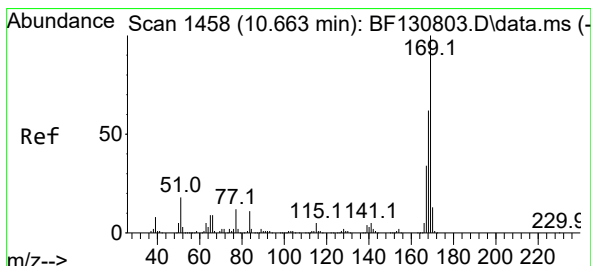
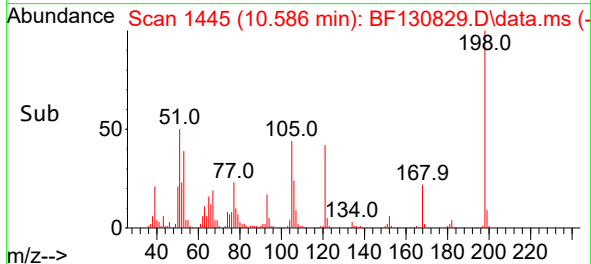
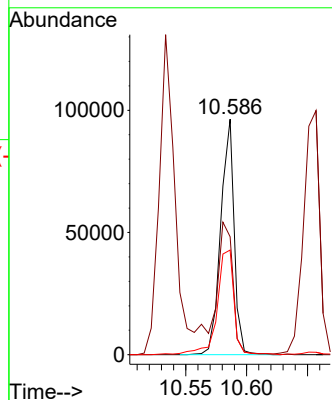
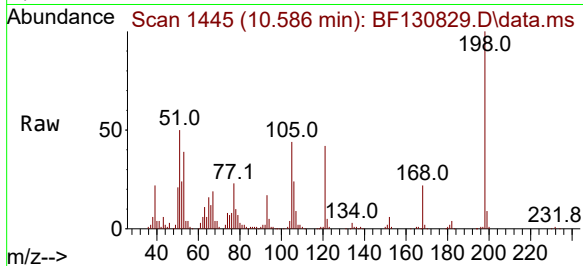




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.624 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

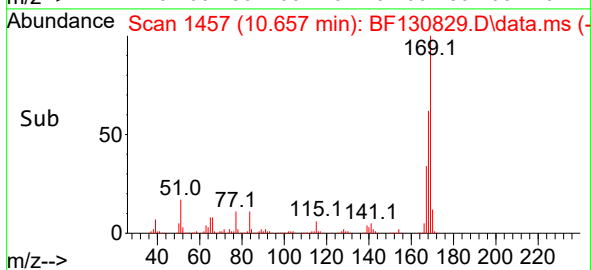
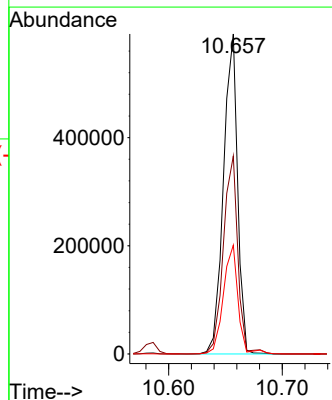
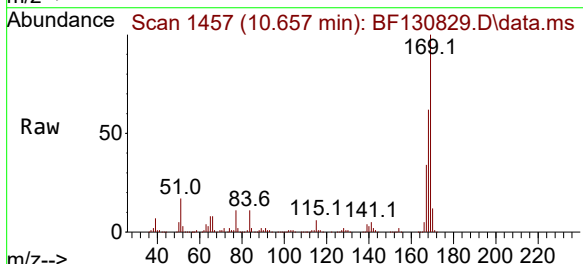
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

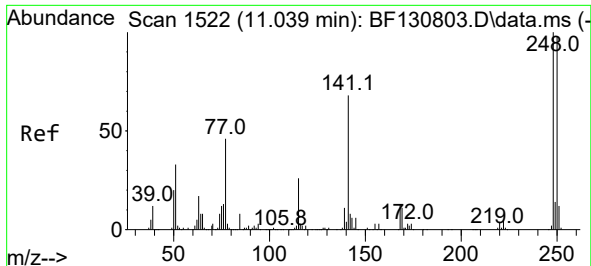
Tgt Ion:198 Resp: 73976  
Ion Ratio Lower Upper  
198 100  
51 50.0 39.0 79.0  
105 44.4 30.6 70.6



#66  
n-Nitrosodiphenylamine  
Concen: 40.720 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:169 Resp: 511468  
Ion Ratio Lower Upper  
169 100  
168 61.9 49.4 74.0  
167 34.0 27.4 41.2

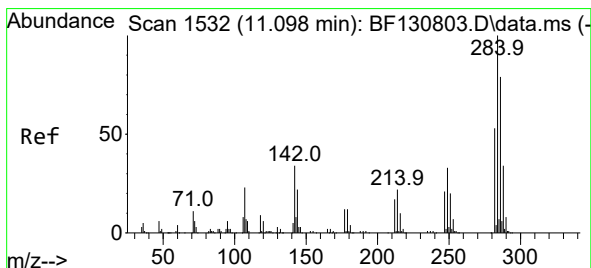
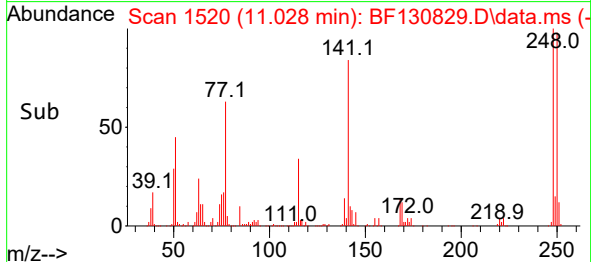
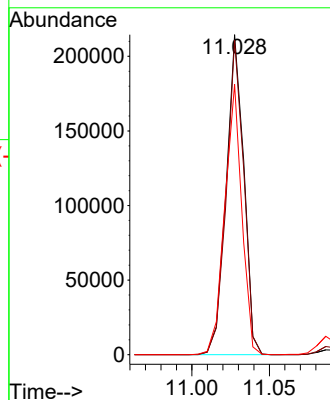
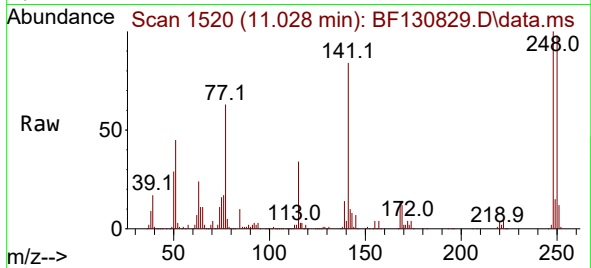




#67  
4-Bromophenyl-phenylether  
Concen: 42.005 ng  
RT: 11.028 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

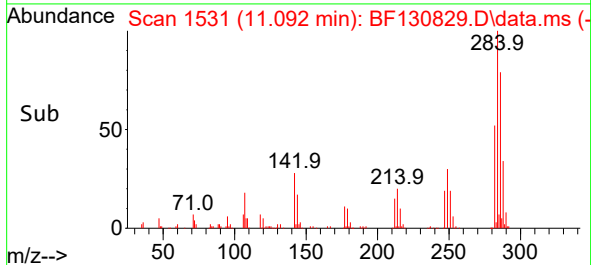
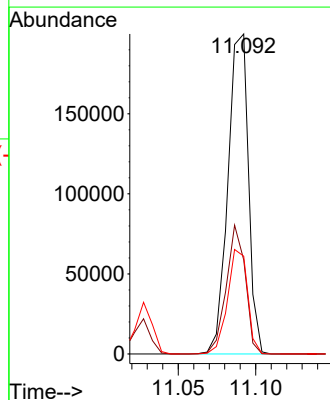
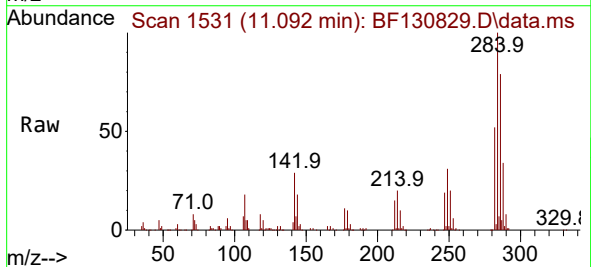
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

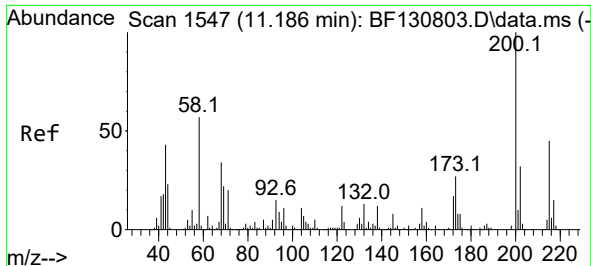
Tgt Ion:248 Resp: 170108  
Ion Ratio Lower Upper  
248 100  
250 98.4 78.6 117.8  
141 84.5 54.2 81.4#



#68  
Hexachlorobenzene  
Concen: 41.315 ng  
RT: 11.092 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:284 Resp: 184342  
Ion Ratio Lower Upper  
284 100  
142 29.4 27.1 40.7  
249 30.5 26.6 39.8

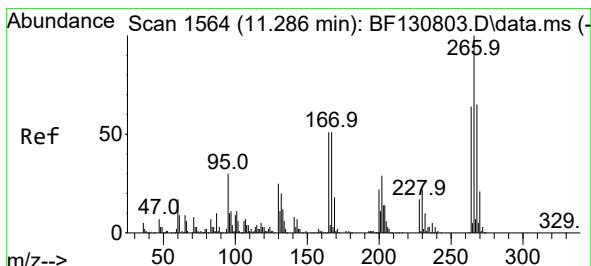
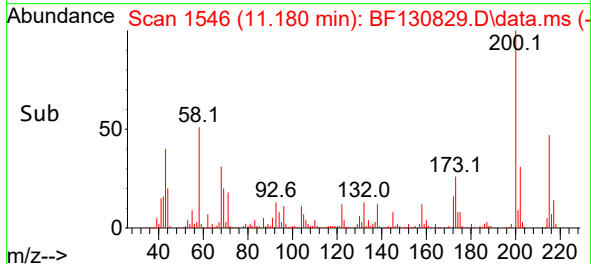
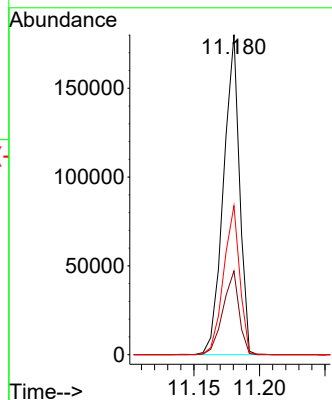
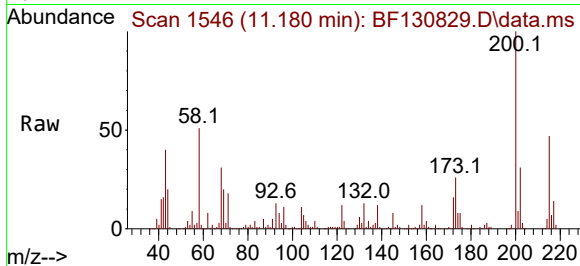




#69  
 Atrazine  
 Concen: 42.147 ng  
 RT: 11.180 min Scan# 1546  
 Delta R.T. 0.000 min  
 Lab File: BF130829.D  
 Acq: 28 Oct 2022 18:20

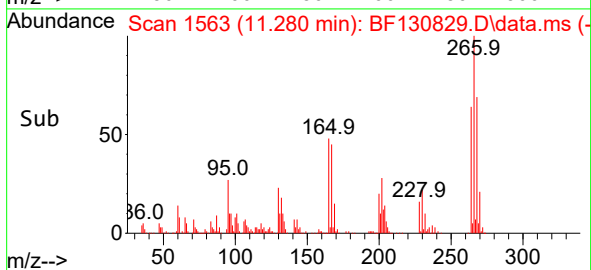
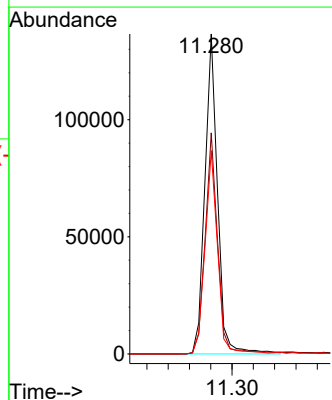
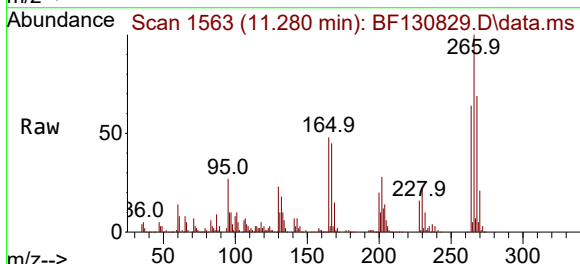
Instrument :  
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 ClientSampleId :  
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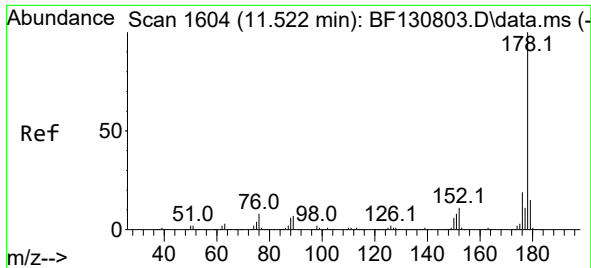
Tgt Ion:200 Resp: 152884  
 Ion Ratio Lower Upper  
 200 100  
 173 26.2 7.1 47.1  
 215 46.6 25.4 65.4



#70  
 Pentachlorophenol  
 Concen: 44.518 ng  
 RT: 11.280 min Scan# 1563  
 Delta R.T. 0.000 min  
 Lab File: BF130829.D  
 Acq: 28 Oct 2022 18:20

Tgt Ion:266 Resp: 113346  
 Ion Ratio Lower Upper  
 266 100  
 268 69.1 51.8 77.6  
 264 63.6 51.6 77.4

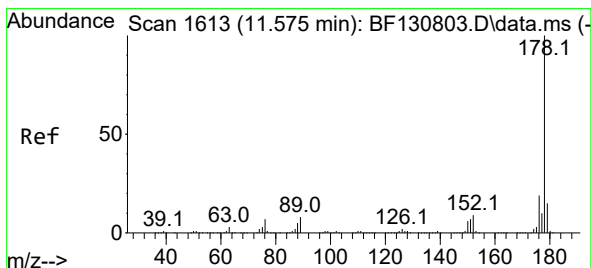
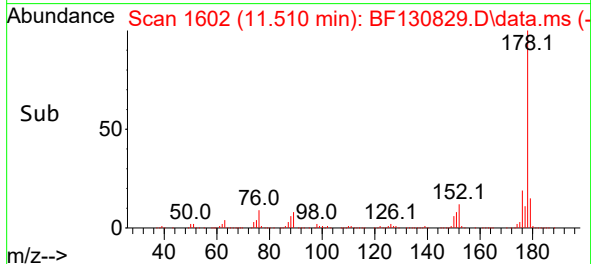
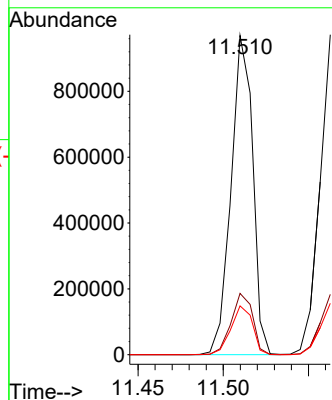
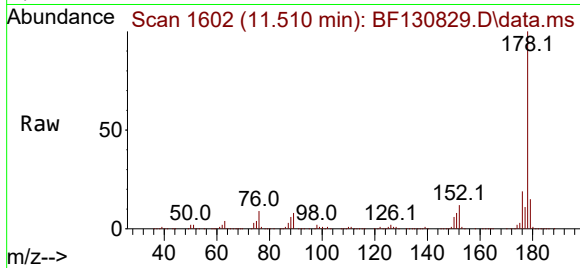




#71  
Phenanthrene  
Concen: 41.215 ng  
RT: 11.510 min Scan# 1610  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

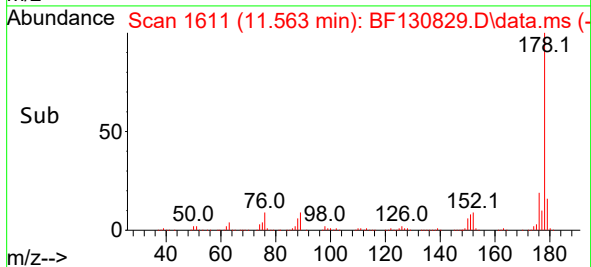
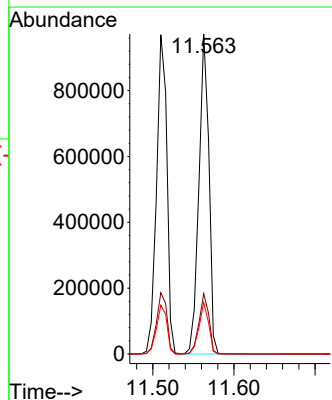
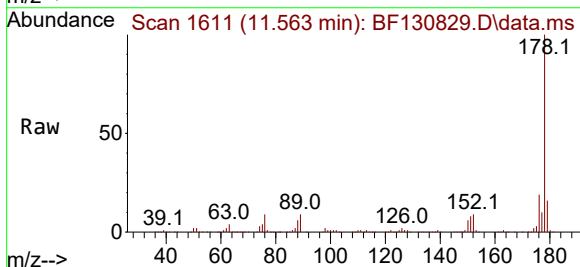
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

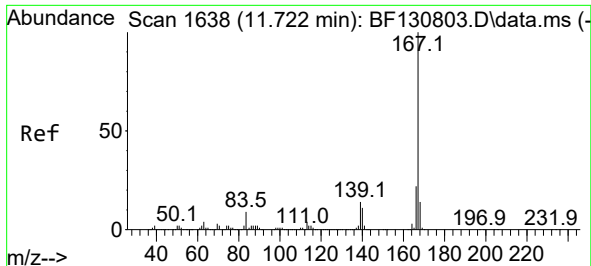
Tgt Ion:178 Resp: 856622  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.5 23.3  
179 15.3 12.2 18.2



#72  
Anthracene  
Concen: 40.706 ng  
RT: 11.563 min Scan# 1611  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:178 Resp: 834481  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.0  
179 16.1 12.2 18.4

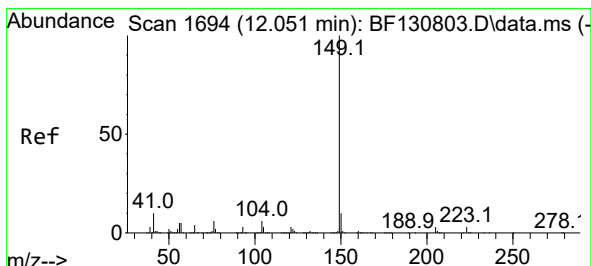
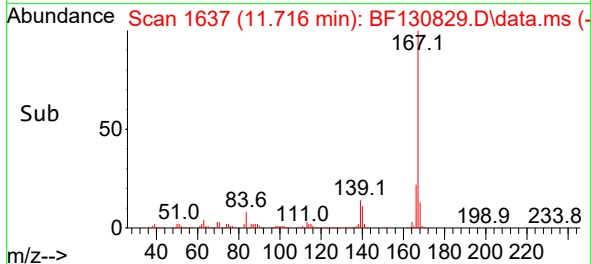
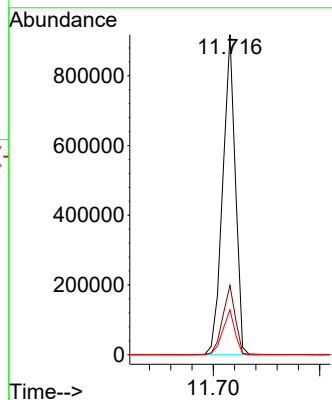
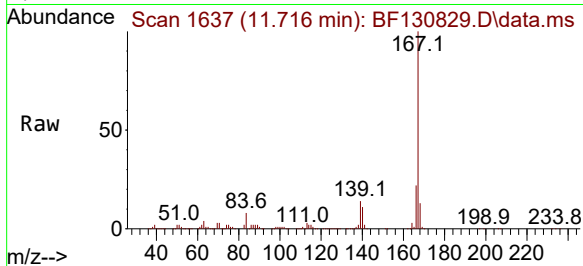




#73  
 Carbazole  
 Concen: 40.959 ng  
 RT: 11.716 min Scan# 1637  
 Delta R.T. 0.000 min  
 Lab File: BF130829.D  
 Acq: 28 Oct 2022 18:20

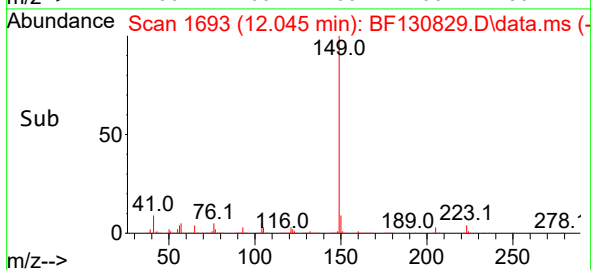
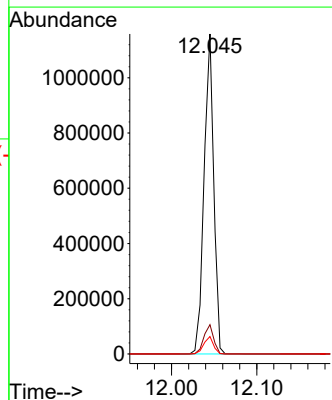
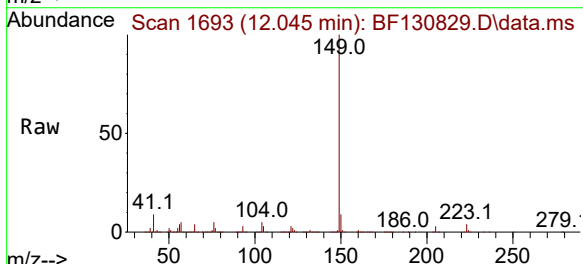
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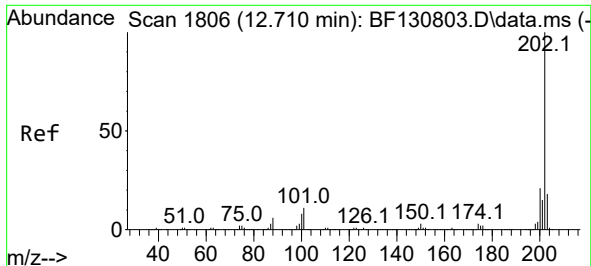
Tgt Ion:167 Resp: 751937  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.4 26.0  
 139 14.1 11.3 16.9



#74  
 Di-n-butylphthalate  
 Concen: 40.780 ng  
 RT: 12.045 min Scan# 1693  
 Delta R.T. 0.000 min  
 Lab File: BF130829.D  
 Acq: 28 Oct 2022 18:20

Tgt Ion:149 Resp: 909228  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.8 11.6  
 104 5.5 4.6 6.8

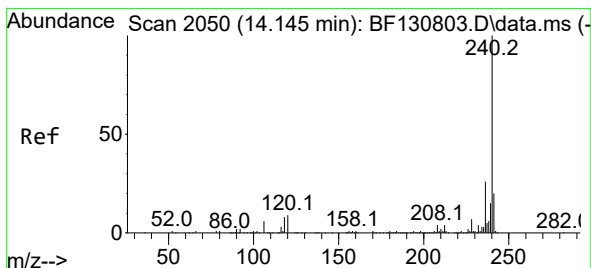
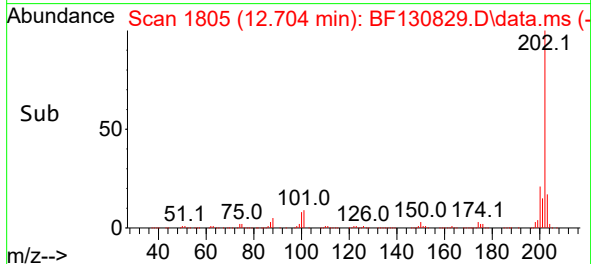
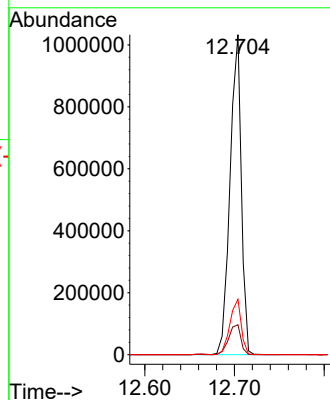
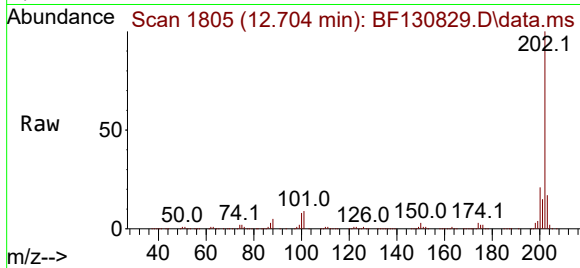




#75  
Fluoranthene  
Concen: 40.804 ng  
RT: 12.704 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

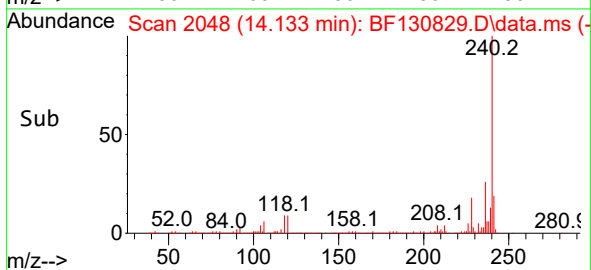
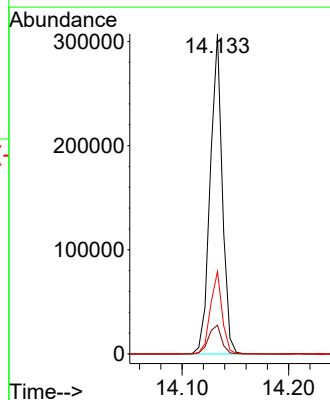
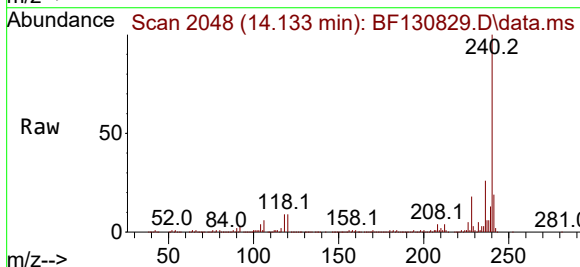
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ClientSampleId :  
SSTDCCC040

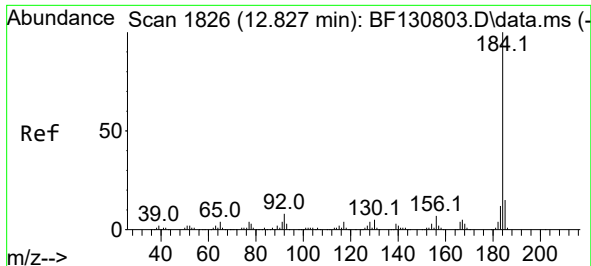
Tgt Ion:202 Resp: 901069  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 30.9  
203 17.3 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.133 min Scan# 2048  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:240 Resp: 242903  
Ion Ratio Lower Upper  
240 100  
120 9.0 7.0 10.4  
236 25.8 20.5 30.7

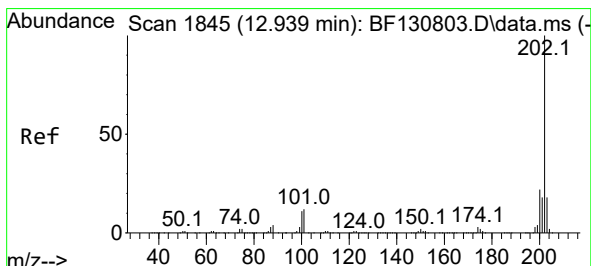
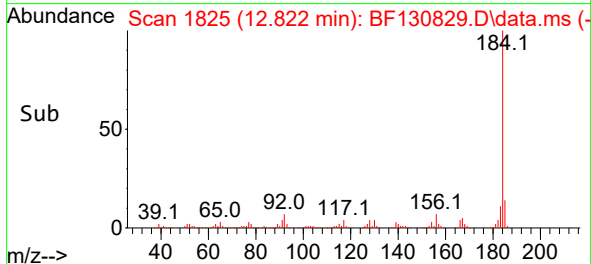
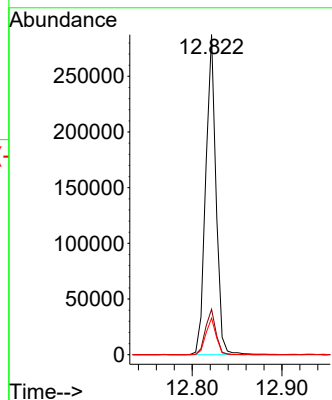
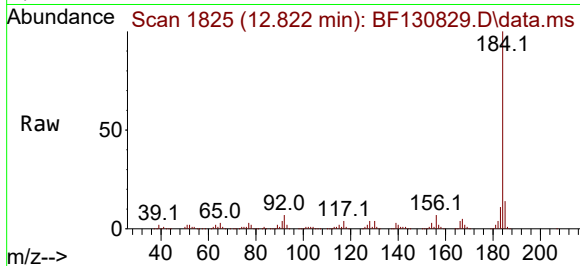




#77  
Benzidine  
Concen: 38.749 ng  
RT: 12.822 min Scan# 1825  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

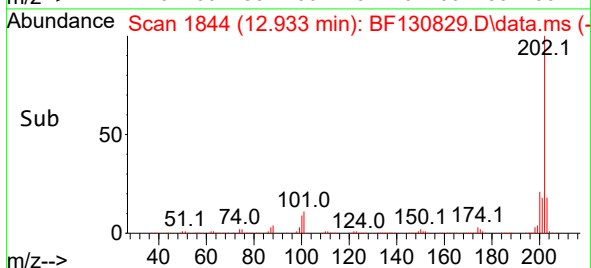
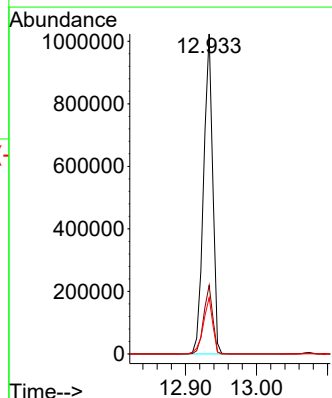
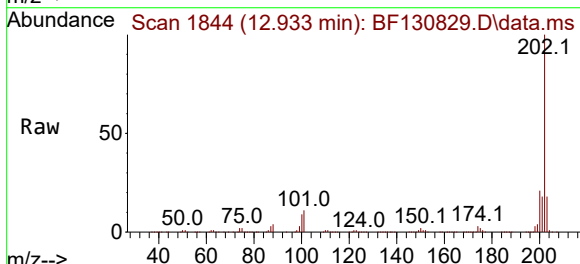
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

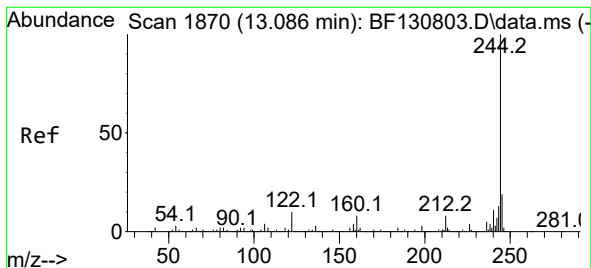
Tgt Ion:184 Resp: 228481  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.8 17.8  
183 11.4 9.7 14.5



#78  
Pyrene  
Concen: 44.671 ng  
RT: 12.933 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:202 Resp: 915445  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.2 25.8  
203 17.6 14.5 21.7





#79

Terphenyl-d14

Concen: 88.088 ng

RT: 13.074 min Scan# 1868

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

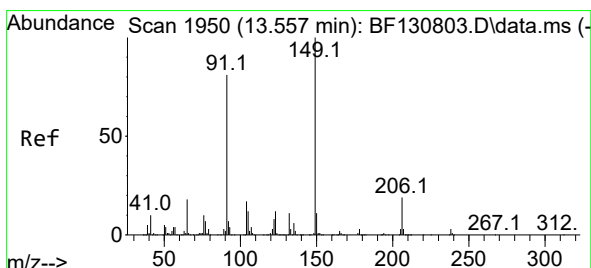
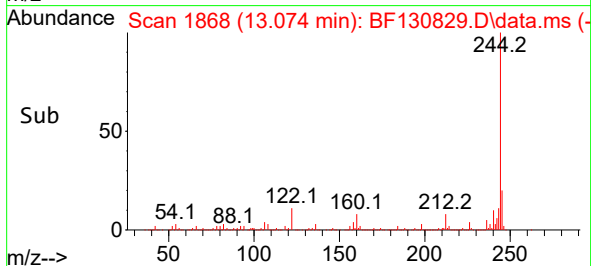
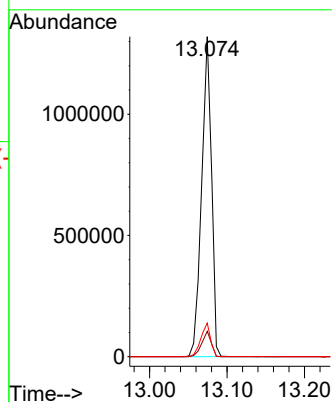
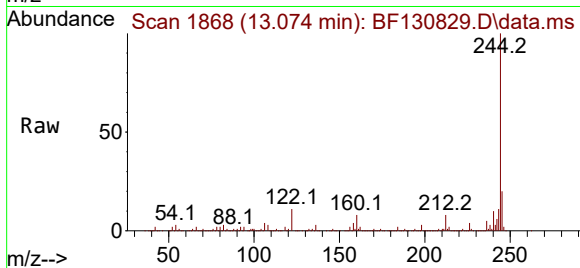
Tgt Ion:244 Resp: 1167667

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 10.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 45.851 ng

RT: 13.551 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

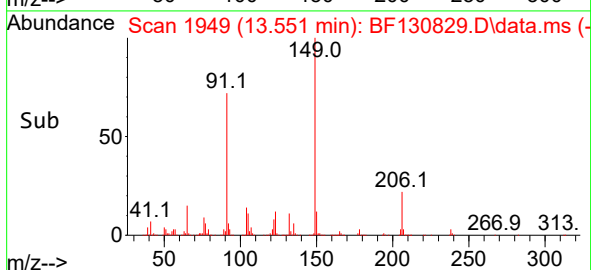
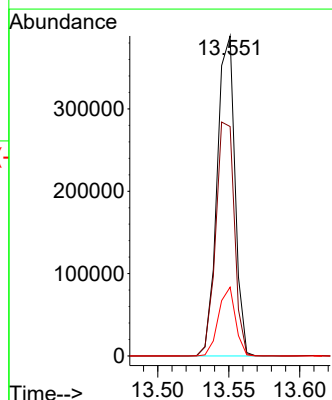
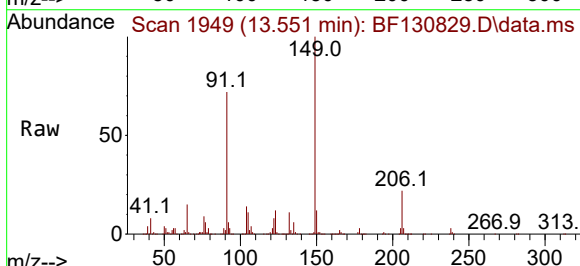
Tgt Ion:149 Resp: 338057

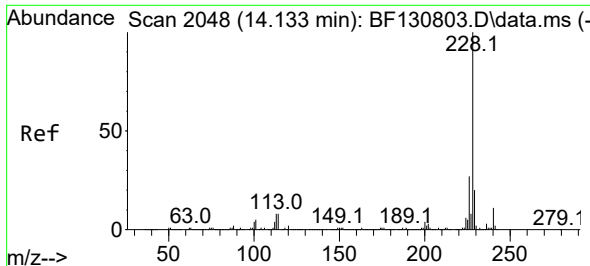
Ion Ratio Lower Upper

149 100

91 71.7 64.5 96.7

206 21.5 15.3 22.9

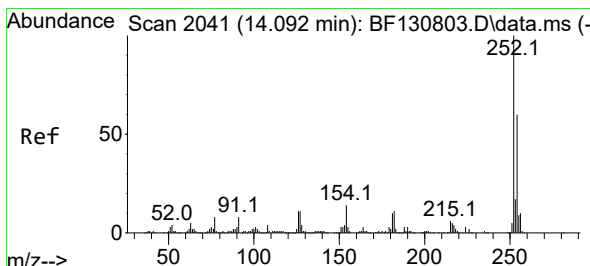
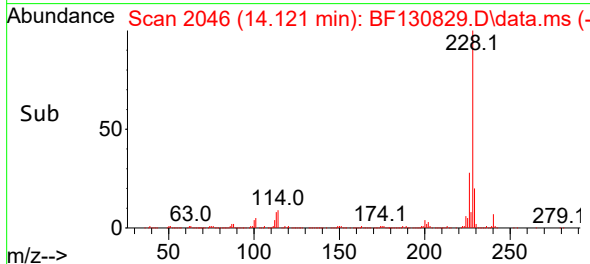
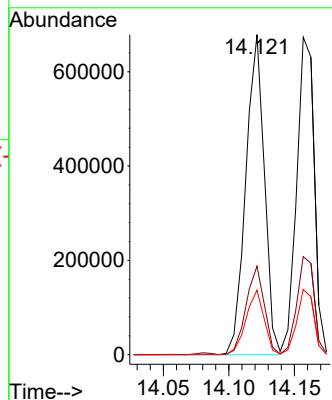
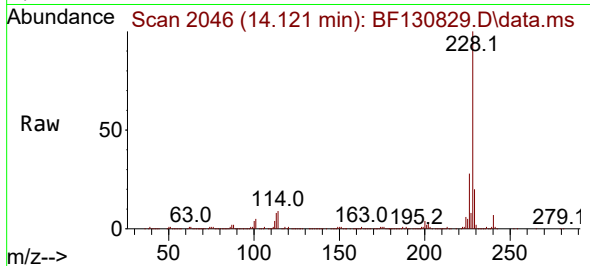




#81  
Benzo(a)anthracene  
Concen: 41.510 ng  
RT: 14.121 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

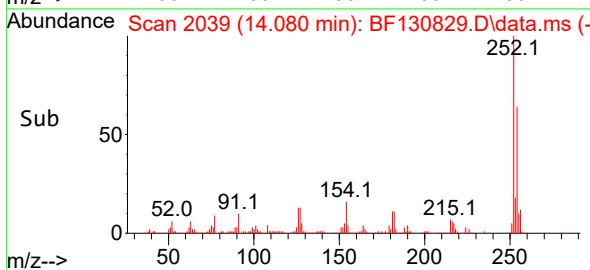
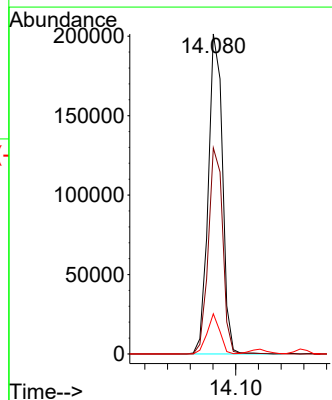
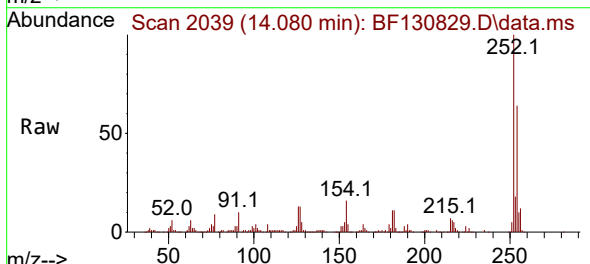
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

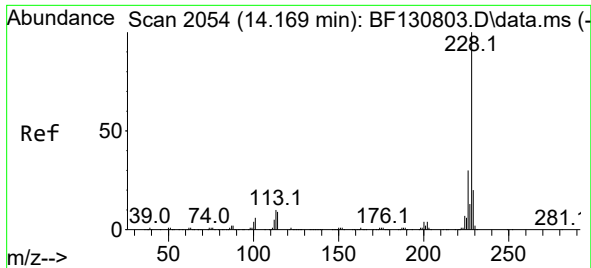
Tgt Ion:228 Resp: 668493  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.4 32.2  
229 20.2 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 40.046 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:252 Resp: 174062  
Ion Ratio Lower Upper  
252 100  
254 64.4 47.8 71.6  
126 12.5 9.0 13.6





#83

Chrysene

Concen: 40.289 ng

RT: 14.157 min Scan# 2052

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

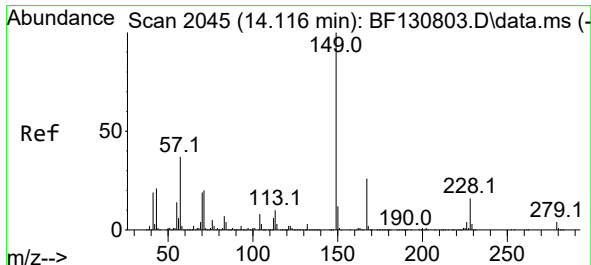
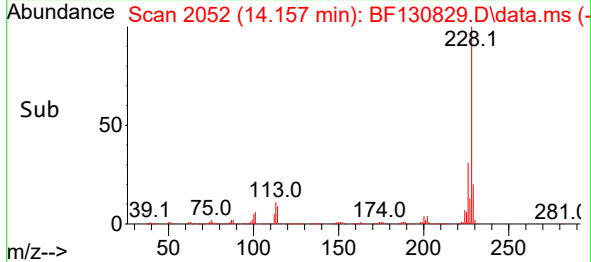
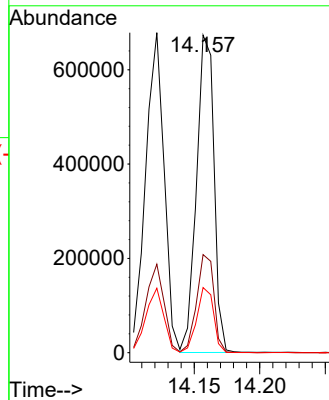
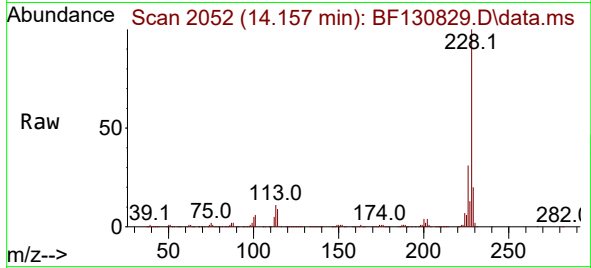
Tgt Ion:228 Resp: 625857

Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

229 20.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.007 ng

RT: 14.104 min Scan# 2043

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

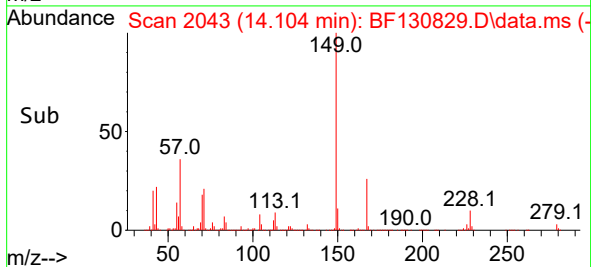
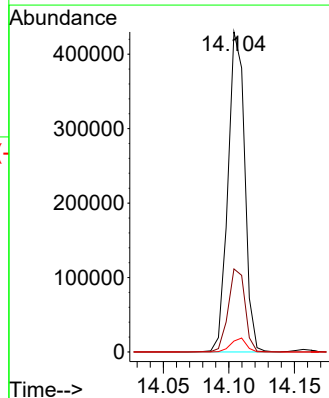
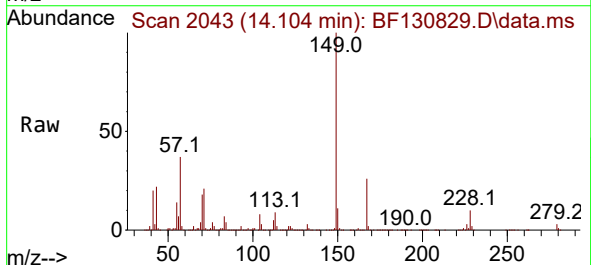
Tgt Ion:149 Resp: 381252

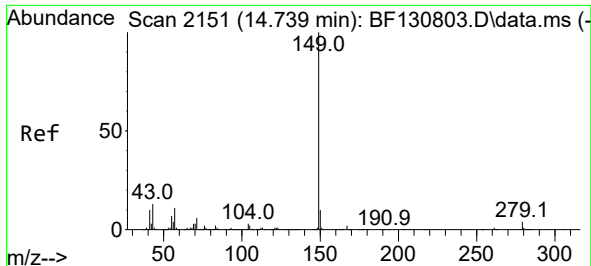
Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

279 3.4 3.0 4.6

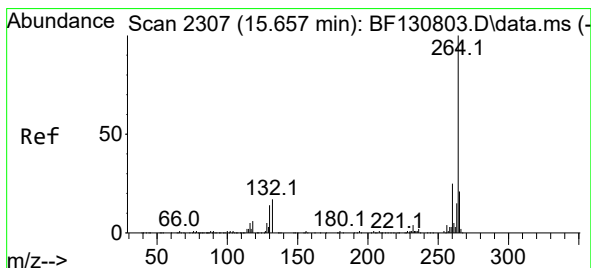
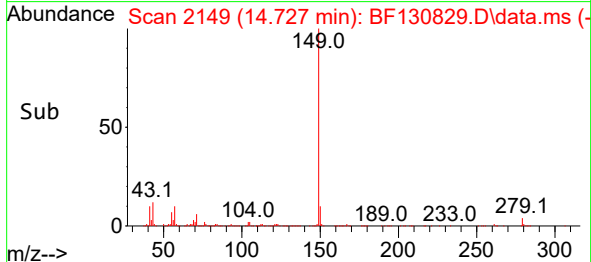
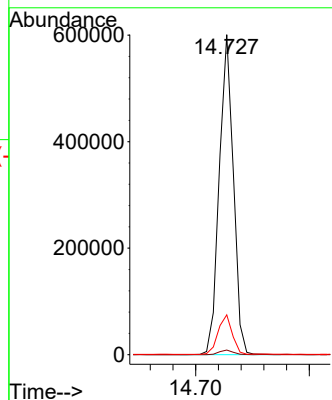
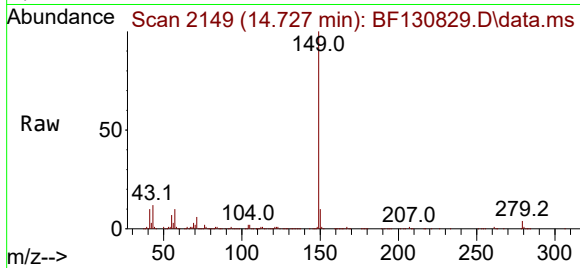




#85  
Di-n-octyl phthalate  
Concen: 42.450 ng  
RT: 14.727 min Scan# 2151  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

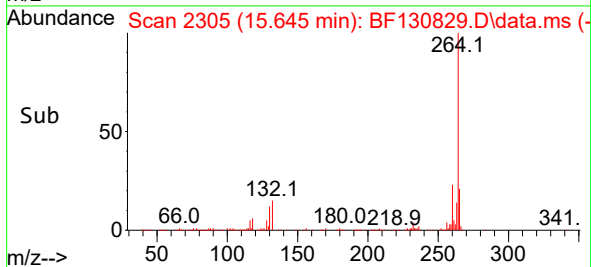
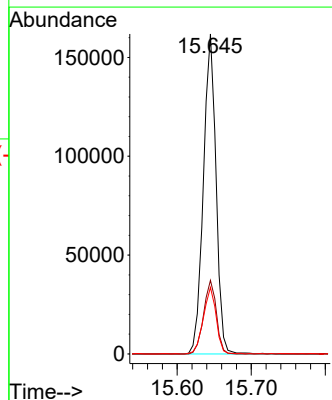
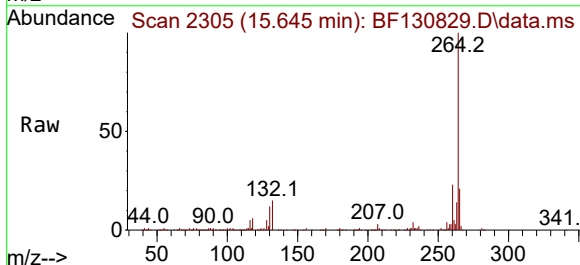
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

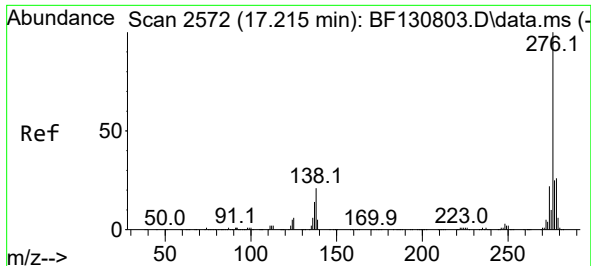
Tgt Ion:149 Resp: 519371  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 12.5 10.2 15.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.645 min Scan# 2305  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:264 Resp: 192585  
Ion Ratio Lower Upper  
264 100  
260 23.0 19.9 29.9  
265 20.8 17.0 25.6

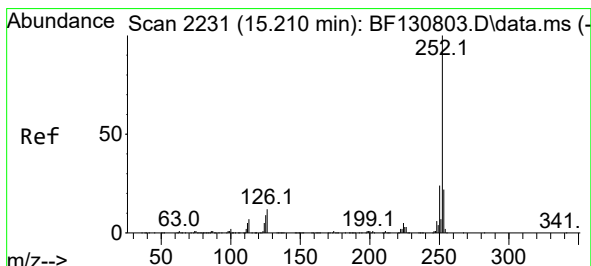
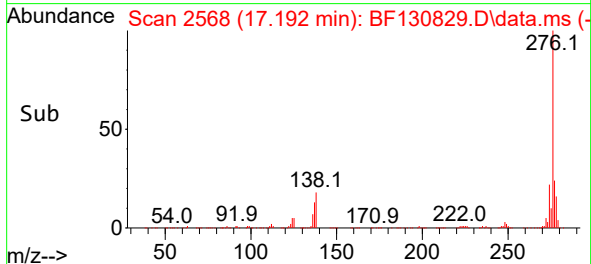
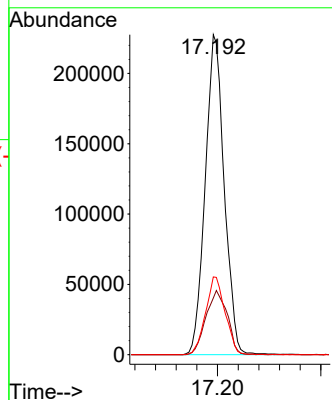
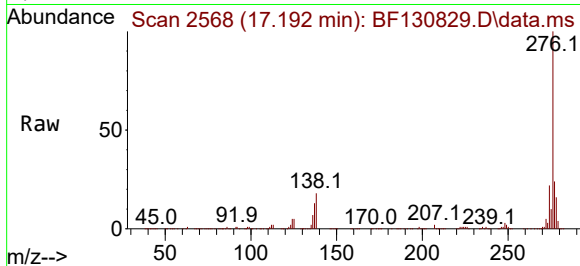




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.454 ng  
 RT: 17.192 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF130829.D  
 Acq: 28 Oct 2022 18:20

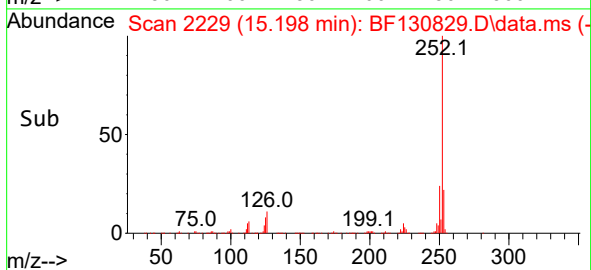
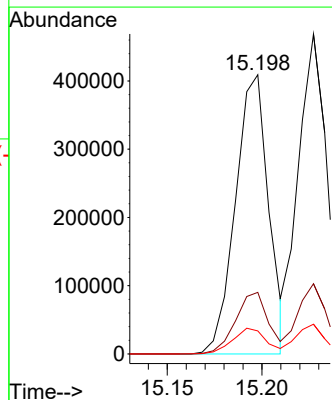
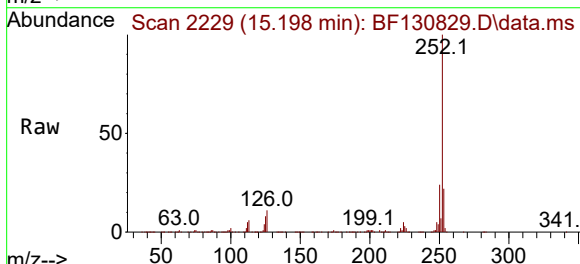
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

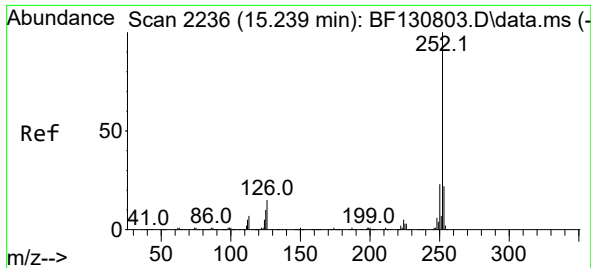
Tgt Ion:276 Resp: 581313  
 Ion Ratio Lower Upper  
 276 100  
 138 22.6 19.1 28.7  
 277 25.0 20.1 30.1



#88  
 Benzo(b)fluoranthene  
 Concen: 40.041 ng  
 RT: 15.198 min Scan# 2229  
 Delta R.T. 0.000 min  
 Lab File: BF130829.D  
 Acq: 28 Oct 2022 18:20

Tgt Ion:252 Resp: 498487  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.5 26.3  
 125 8.3 7.0 10.4

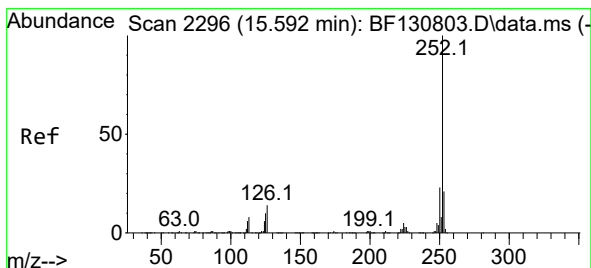
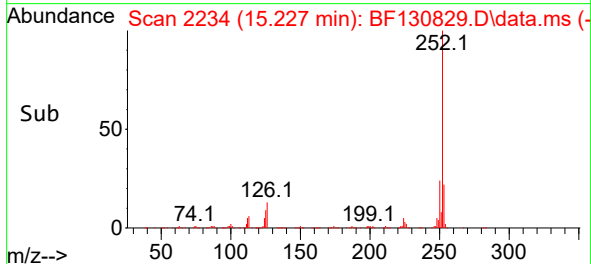
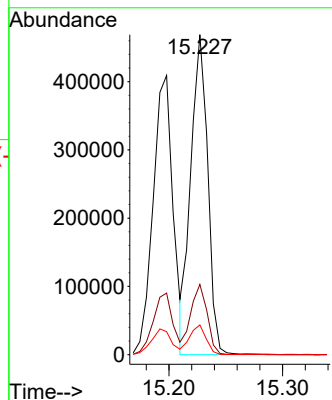
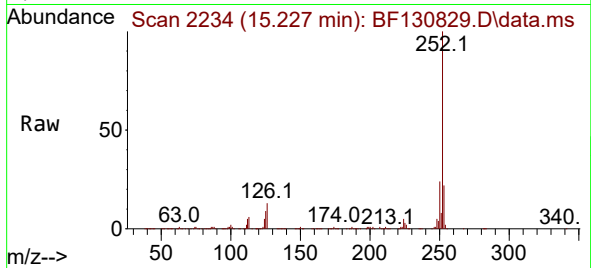




#89  
Benzo(k)fluoranthene  
Concen: 40.172 ng  
RT: 15.227 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

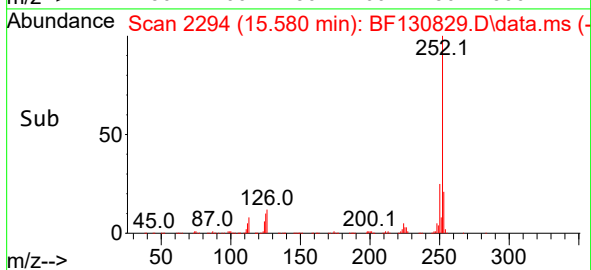
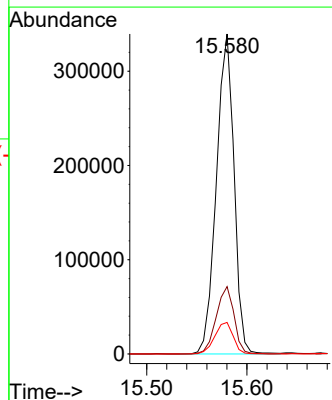
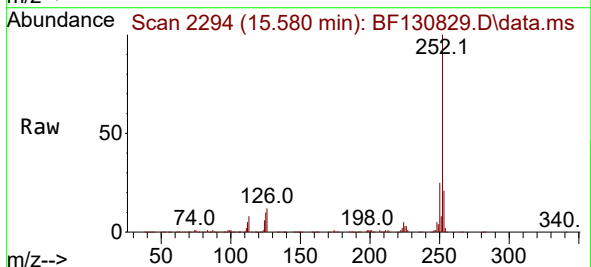
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

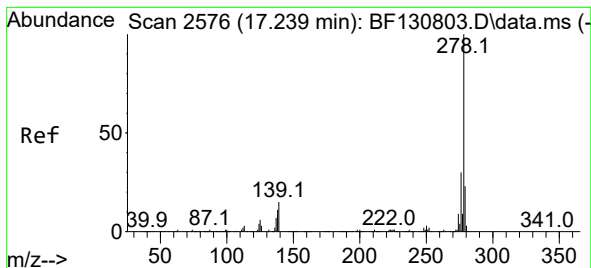
Tgt Ion:252 Resp: 487327  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 9.3 8.0 12.0



#90  
Benzo(a)pyrene  
Concen: 41.490 ng  
RT: 15.580 min Scan# 2294  
Delta R.T. 0.000 min  
Lab File: BF130829.D  
Acq: 28 Oct 2022 18:20

Tgt Ion:252 Resp: 415222  
Ion Ratio Lower Upper  
252 100  
253 21.0 16.8 25.2  
125 9.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.130 ng

RT: 17.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

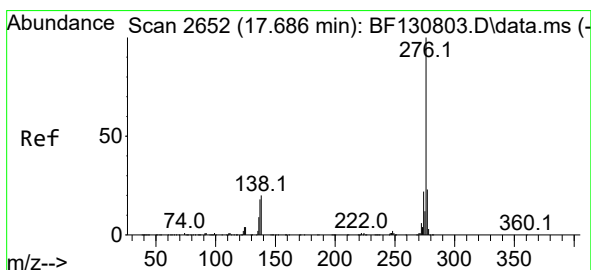
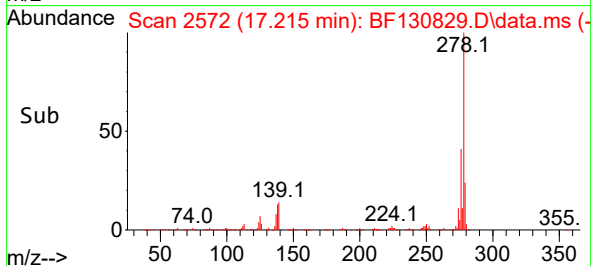
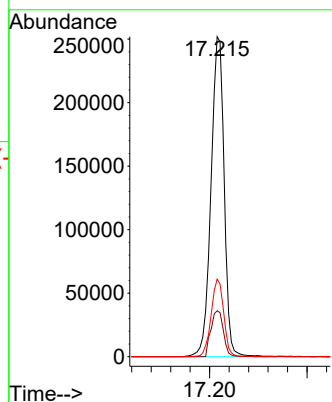
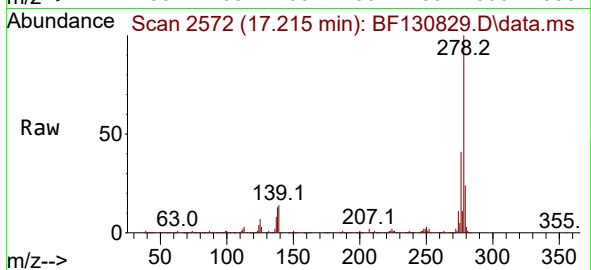
Tgt Ion:278 Resp: 470511

Ion Ratio Lower Upper

278 100

139 14.4 11.9 17.9

279 24.3 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 45.911 ng

RT: 17.668 min Scan# 2649

Delta R.T. 0.000 min

Lab File: BF130829.D

Acq: 28 Oct 2022 18:20

Tgt Ion:276 Resp: 488332

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 19.7 16.3 24.5

