

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020223\  
 Data File : BN023902.D  
 Acq On : 02 Feb 2023 13:23  
 Operator : CG/JU  
 Sample : 01362-14MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4488MSD

Quant Time: Feb 03 01:17:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN020123.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 02 02:10:45 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.852  | 152  | 161082   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.663 | 136  | 570090   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.504 | 164  | 324896   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.298 | 188  | 511948   | 20.000  | ng/u1  | # 0.04   |
| 79) Chrysene-d12              | 21.451 | 240  | 29097    | 20.000  | ng/u1  | # 0.00   |
| 88) Perylene-d12              | 23.868 | 264  | 660950   | 20.000  | ng/u1  | 0.02     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.240  | 96   | 19825    | 4.967   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.664  | 84   | 294957   | 26.450  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.028  | 99   | 432293   | 30.732  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.187  | 67   | 269093   | 30.270  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.387  | 132  | 361495   | 32.867  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.581  | 113  | 327000   | 29.305  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.022  | 128  | 167269   | 36.163  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.746  | 143  | 187547   | 35.636  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.287 | 165  | 339162   | 34.514  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.810 | 131  | 364247   | 27.170  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.922 | 166  | 556936   | 21.471  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.198 | 160  | 974255   | 34.721  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.675 | 143  | 113      | 0.024   | ng/u1  | -0.04    |
| 60) Fluorene-d10              | 15.510 | 176  | 436345   | 20.066  | ng/u1  | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 200  | 4781     | 1.320   | ng/u1  | 0.03     |
| 73) Anthracene-d10            | 17.381 | 188  | 765414   | 32.114  | ng/u1  | 0.03     |
| 81) Pyrene-d10                | 19.663 | 212  | 1082337  | 612.680 | ng/u1  | 0.02     |
| 92) Benzo(a)pyrene-d12        | 23.710 | 264  | 1150531  | 33.539  | ng/u1  | 0.02     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 3.275  | 88   | 47513    | 11.557  | ng/uL# | 85       |
| 5) Pyridine                   | 3.687  | 79   | 336694   | 30.048  | ng/u1  | 93       |
| 6) Benzaldehyde               | 6.993  | 77   | 279297   | 45.662  | ng/u1  | 98       |
| 8) Phenol                     | 7.058  | 94   | 471473   | 33.341  | ng/u1  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.281  | 93   | 367269   | 31.878  | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.416  | 128  | 387570   | 34.822  | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.310  | 108  | 341467   | 31.826  | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.393  | 45   | 442627   | 30.086  | ng/u1  | 98       |
| 16) Acetophenone              | 8.687  | 105  | 547296   | 31.669  | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.675  | 70   | 279541   | 29.465  | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.640  | 108  | 364221   | 31.339  | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.934  | 117  | 170518   | 36.581  | ng/u1  | 98       |
| 22) Nitrobenzene              | 9.069  | 77   | 423876   | 36.504  | ng/u1  | 98       |
| 23) Isophorone                | 9.593  | 82   | 744045   | 33.950  | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.781  | 139  | 209170   | 38.273  | ng/u1  | 96       |
| 26) 2,4-Dimethylphenol        | 9.846  | 107  | 391248   | 36.150  | ng/u1  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.081 | 93   | 455007   | 33.983  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.316 | 162  | 342069   | 36.073  | ng/u1  | 100      |
| 30) Naphthalene               | 10.716 | 128  | 1136421  | 36.808  | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.834 | 127  | 352932   | 26.452  | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 10.993 | 225  | 261081   | 39.290  | ng/u1  | 94       |
| 34) Caprolactam               | 11.622 | 113  | 91495    | 30.877  | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 11.963 | 107  | 321896   | 31.669  | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.328 | 142  | 727766   | 34.692  | ng/u1  | 99       |

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 ALS Vial : 8 Sample Multiplier: 1

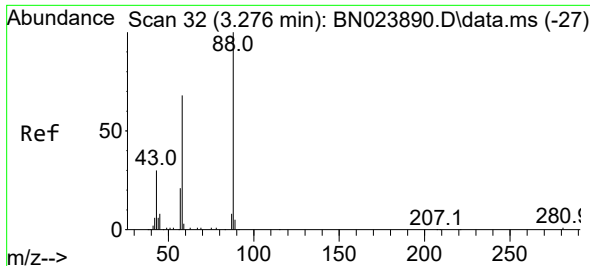
Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4488MSD

Quant Time: Feb 03 01:17:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN020123.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 02 02:10:45 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.546 | 142  | 724897   | 33.776   | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.693 | 216  | 422581   | 37.854   | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.669 | 237  | 262753   | 32.692   | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.940 | 196  | 270358   | 36.706   | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.016 | 196  | 281910   | 35.335   | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.345 | 154  | 2797360  | 109.261  | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.381 | 162  | 717293   | 36.007   | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.593 | 65   | 196351   | 32.826   | ng/ul  | 97       |
| 47) Dimethylphthalate         | 13.969 | 163  | 733927   | 28.510   | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.098 | 165  | 45303    | 8.876    | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.228 | 152  | 1059507  | 35.156   | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.445 | 138  | 27744    | 6.039    | ng/ul  | 98       |
| 52) Acenaphthene              | 14.569 | 153  | 749563   | 35.829   | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.657 | 184  | 16895    | 4.709    | ng/ul# | 1        |
| 55) 4-Nitrophenol             | 14.763 | 109  | 8607     | 2.153    | ng/ul# | 83       |
| 56) Dibenzofuran              | 14.904 | 168  | 936929   | 31.393   | ng/ul  | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 47988    | 6.745    | ng/ul  | 100      |
| 59) Diethylphthalate          | 15.387 | 149  | 591172   | 23.112   | ng/ul# | 89       |
| 61) Fluorene                  | 15.569 | 166  | 3043505  | 124.698  | ng/ul# | 40       |
| 62) 4-Chlorophenyl-phenyle... | 15.569 | 204  | 250898   | 19.595   | ng/ul# | 84       |
| 63) 4-Nitroaniline            | 15.563 | 138  | 13894    | 3.332    | ng/ul# | 32       |
| 66) 4,6-Dinitro-2-methylph... | 15.692 | 198  | 10991    | 3.151    | ng/ul# | 1        |
| 67) N-Nitrosodiphenylamine    | 15.798 | 169  | 29118    | 1.970    | ng/ul# | 1        |
| 68) 4-Bromophenyl-phenylether | 16.481 | 248  | 245062   | 40.872   | ng/ul# | 93       |
| 69) Hexachlorobenzene         | 16.610 | 284  | 287405   | 41.490   | ng/ul  | 91       |
| 70) Atrazine                  | 16.757 | 200  | 236887   | 39.883   | ng/ul  | 96       |
| 71) Pentachlorophenol         | 16.945 | 266  | 77428    | 17.458   | ng/ul  | 98       |
| 72) Phenanthrene              | 17.328 | 178  | 997478   | 36.177   | ng/ul  | 98       |
| 74) Anthracene                | 17.416 | 178  | 1155562  | 42.050   | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.304 | 216  | 400824   | 50.889   | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.822 | 250  | 373667   | 47.572   | ng/uL  | 98       |
| 77) Carbazole                 | 17.716 | 167  | 876551   | 36.399   | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.245 | 149  | 1244022  | 24.102   | ng/ul  | 99       |
| 80) Fluoranthene              | 19.333 | 202  | 1336462  | 648.042  | ng/ul  | 98       |
| 82) Pyrene                    | 19.698 | 202  | 1388696  | 662.021  | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.598 | 149  | 534814   | 611.323  | ng/ul  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.369 | 252  | 22904    | 33.515   | ng/ul# | 97       |
| 85) Benzo(a)anthracene        | 21.433 | 228  | 77186    | 38.279   | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.386 | 149  | 6127213  | 4747.404 | ng/ul# | 86       |
| 87) Chrysene                  | 21.480 | 228  | 49369    | 26.534   | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.298 | 149  | 1807386  | 36.355   | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.151 | 252  | 1486164  | 32.603   | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.198 | 252  | 1446895  | 33.613   | ng/ul# | 96       |
| 93) Benzo(a)pyrene            | 23.763 | 252  | 1323338  | 34.506   | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.333 | 276  | 1750352  | 37.823   | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.345 | 278  | 1493630  | 39.025   | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 27.074 | 276  | 1423418  | 39.063   | ng/ul  | 97       |

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

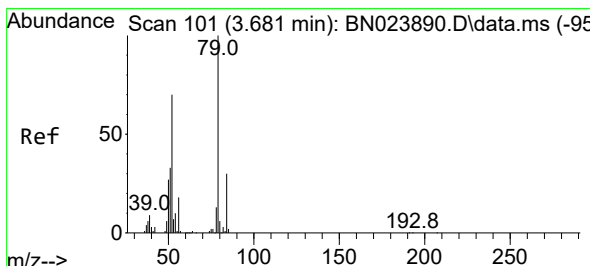
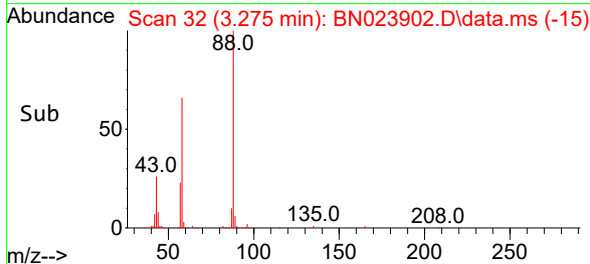
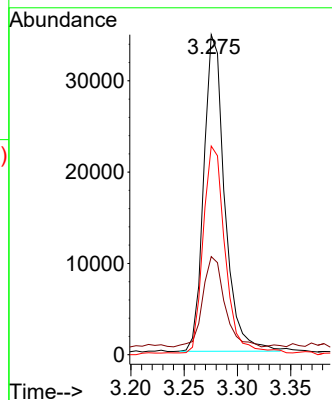
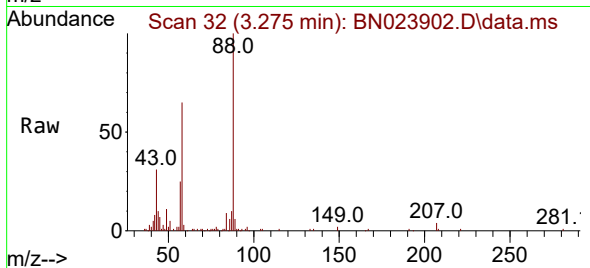




#2  
 1,4-Dioxane  
 Concen: 11.557 ng/uL  
 RT: 3.275 min Scan# 31  
 Delta R.T. -0.001 min  
 Lab File: BN023902.D  
 Acq: 02 Feb 2023 13:23

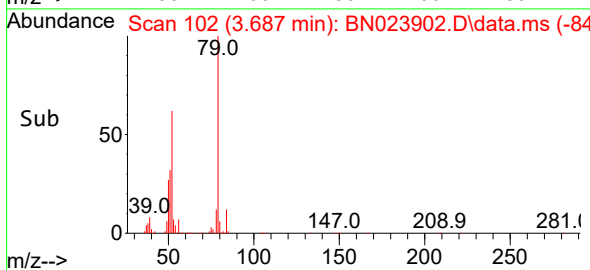
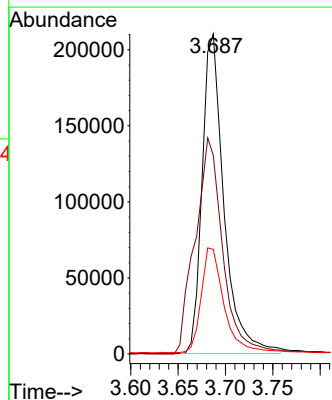
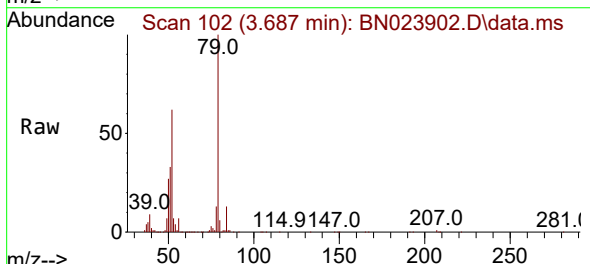
Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4488MSD

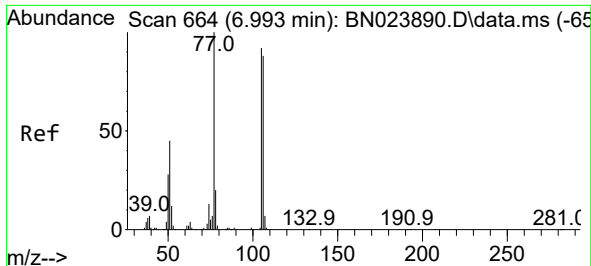
Tgt Ion: 88 Resp: 47513  
 Ion Ratio Lower Upper  
 88 100  
 43 30.7 42.1 63.1#  
 58 65.2 53.8 80.6



#5  
 Pyridine  
 Concen: 30.048 ng/uL  
 RT: 3.687 min Scan# 102  
 Delta R.T. 0.006 min  
 Lab File: BN023902.D  
 Acq: 02 Feb 2023 13:23

Tgt Ion: 79 Resp: 336694  
 Ion Ratio Lower Upper  
 79 100  
 52 62.1 56.4 84.6  
 51 32.7 26.6 39.8

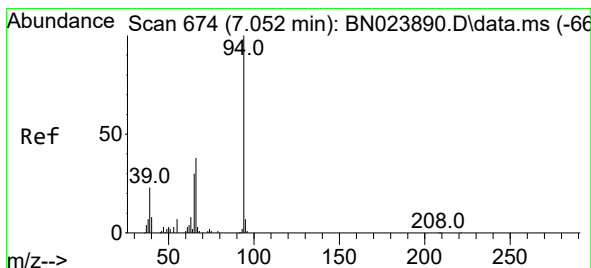
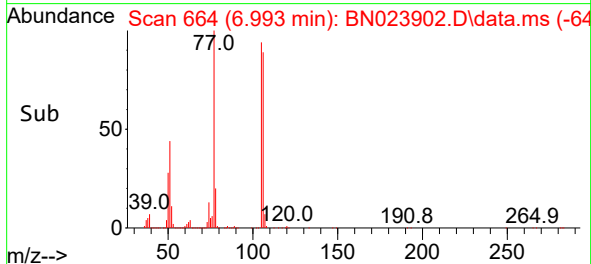
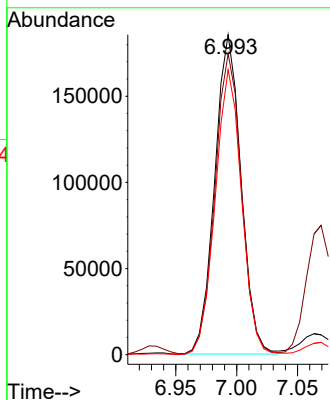
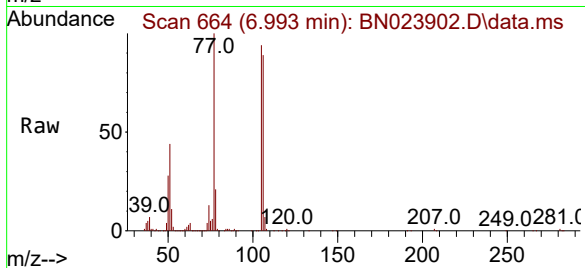




#6  
Benzaldehyde  
Concen: 45.662 ng/ul  
RT: 6.993 min Scan# 664  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

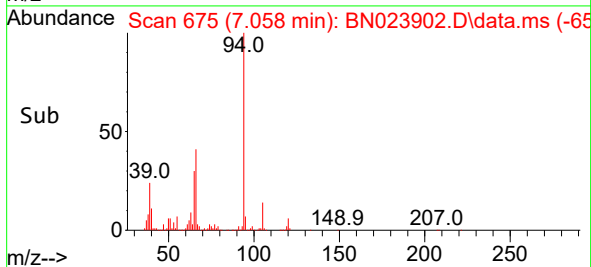
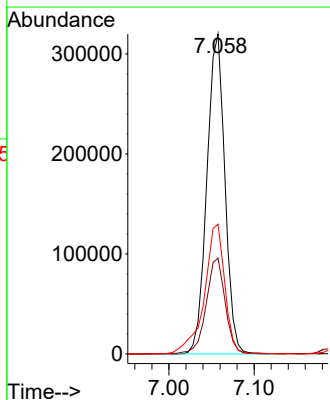
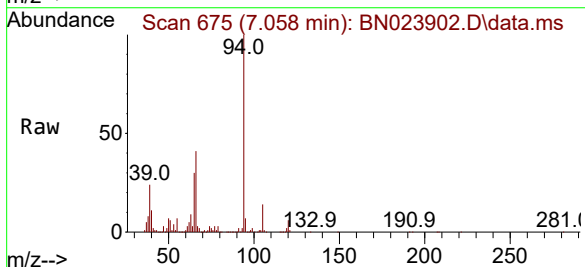
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ClientSampleId :  
A4488MSD

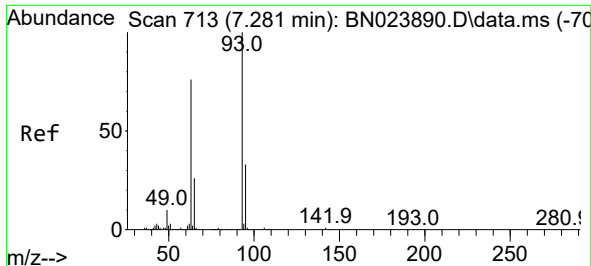
Tgt Ion: 77 Resp: 279297  
Ion Ratio Lower Upper  
77 100  
105 94.0 73.6 110.4  
106 89.0 70.2 105.4



#8  
Phenol  
Concen: 33.341 ng/ul  
RT: 7.058 min Scan# 675  
Delta R.T. 0.006 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion: 94 Resp: 471473  
Ion Ratio Lower Upper  
94 100  
65 30.0 24.1 36.1  
66 40.6 32.4 48.6

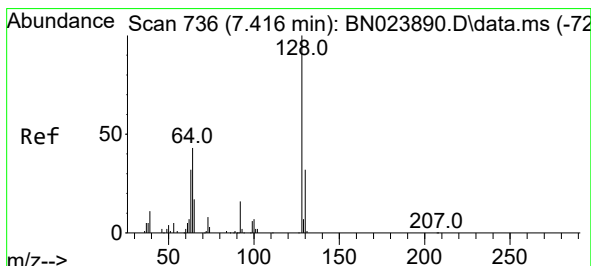
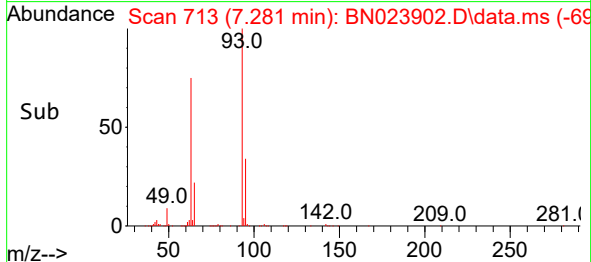
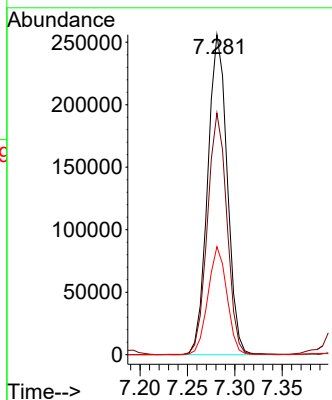
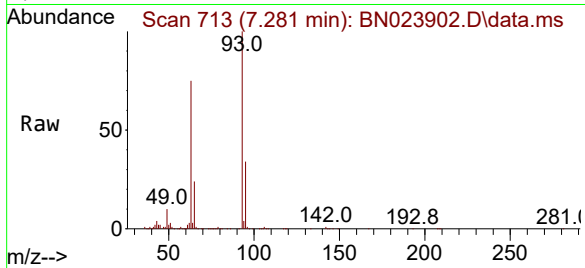




#10  
Bis(2-Chloroethyl)ether  
Concen: 31.878 ng/ul  
RT: 7.281 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

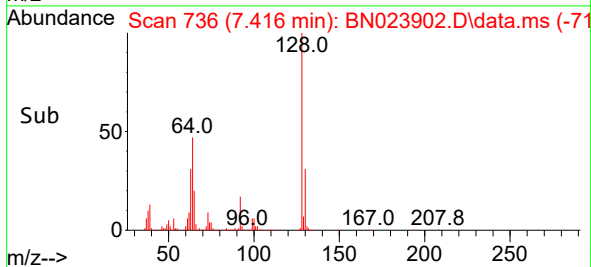
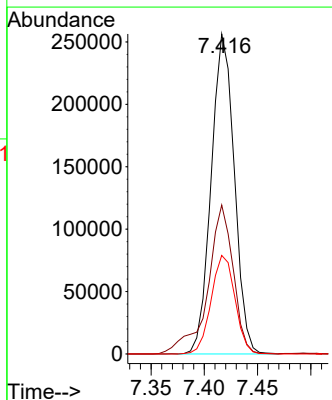
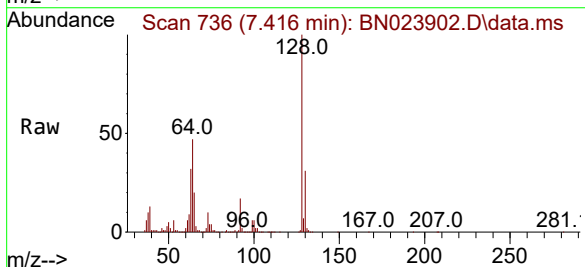
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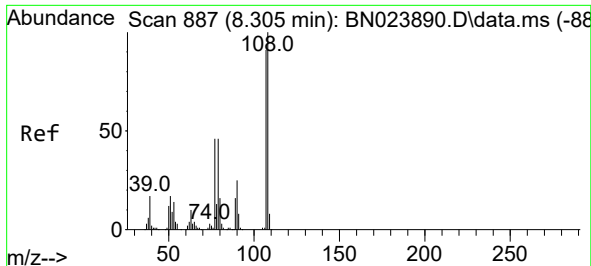
Tgt Ion: 93 Resp: 367269  
Ion Ratio Lower Upper  
93 100  
63 75.5 60.6 91.0  
95 33.8 26.2 39.4



#12  
2-Chlorophenol  
Concen: 34.822 ng/ul  
RT: 7.416 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion: 128 Resp: 387570  
Ion Ratio Lower Upper  
128 100  
64 46.6 38.4 57.6  
130 30.8 25.6 38.4

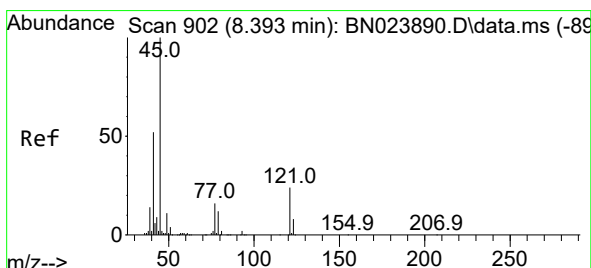
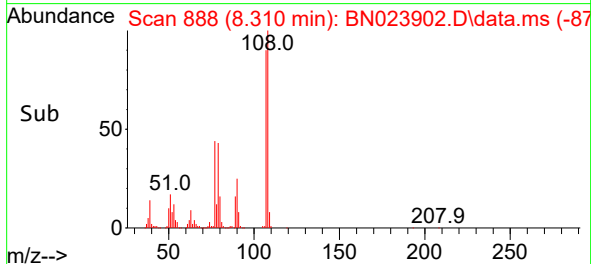
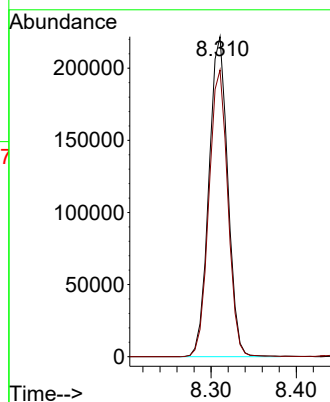
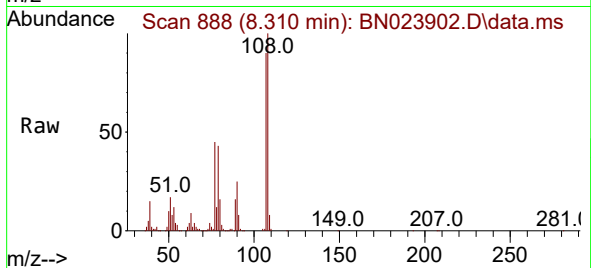




#13  
2-Methylphenol  
Concen: 31.826 ng/ul  
RT: 8.310 min Scan# 887  
Delta R.T. 0.006 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

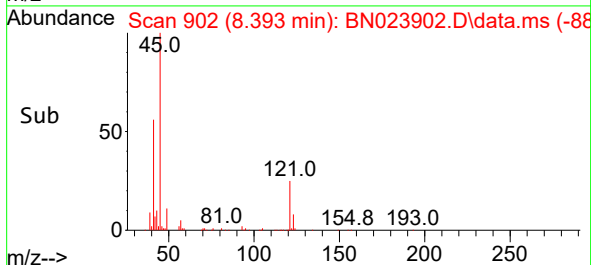
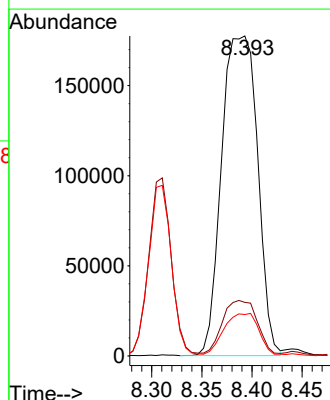
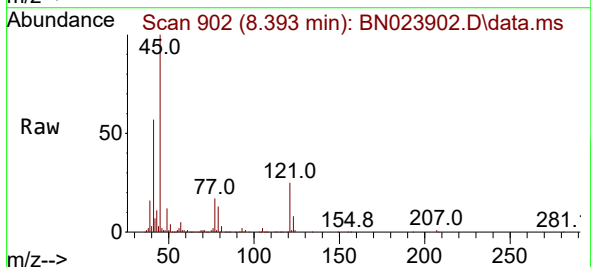
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BNA\_N  
ClientSampleId :  
A4488MSD

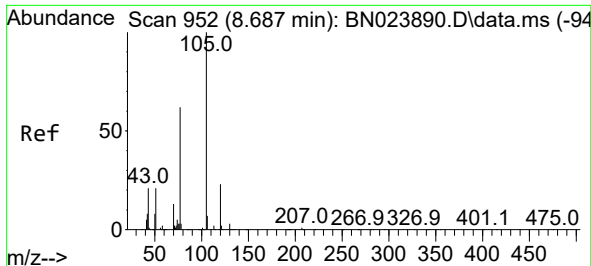
Tgt Ion:108 Resp: 341467  
Ion Ratio Lower Upper  
108 100  
107 89.6 72.6 109.0



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 30.086 ng/ul  
RT: 8.393 min Scan# 902  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion: 45 Resp: 442627  
Ion Ratio Lower Upper  
45 100  
77 16.7 12.7 19.1  
79 12.9 9.8 14.8

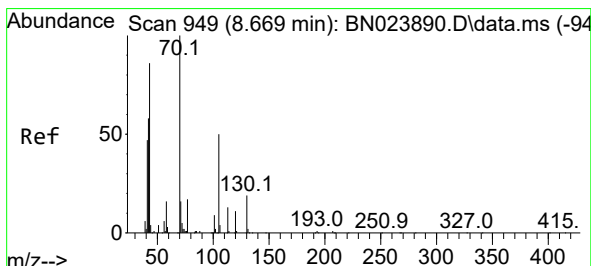
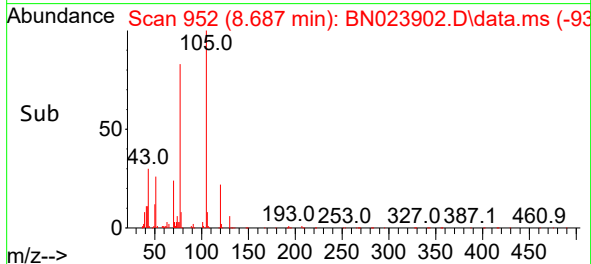
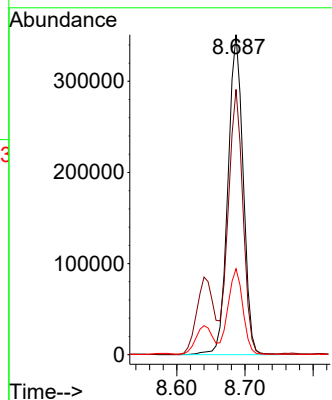
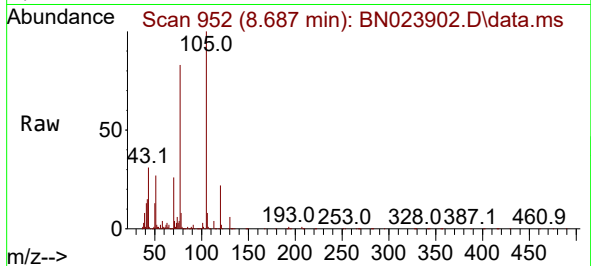




#16  
Acetophenone  
Concen: 31.669 ng/ul  
RT: 8.687 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

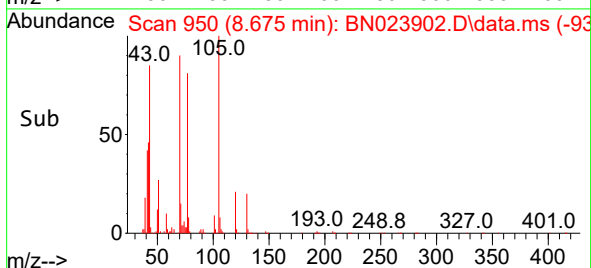
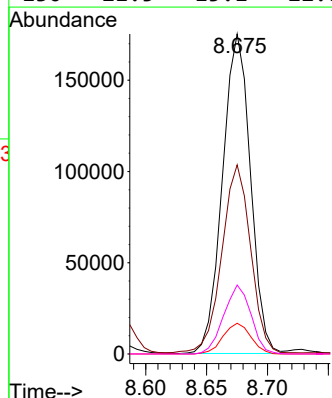
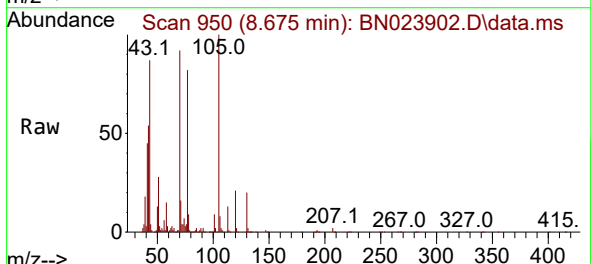
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

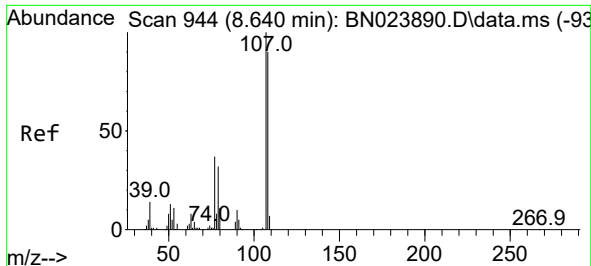
Tgt Ion:105 Resp: 547296  
Ion Ratio Lower Upper  
105 100  
77 82.9 64.7 97.1  
51 26.9 21.7 32.5



#17  
N-Nitroso-di-n-propylamine  
Concen: 29.465 ng/ul  
RT: 8.675 min Scan# 950  
Delta R.T. 0.006 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion: 70 Resp: 279541  
Ion Ratio Lower Upper  
70 100  
42 59.1 47.6 71.4  
101 9.6 7.4 11.0  
130 21.5 15.1 22.7

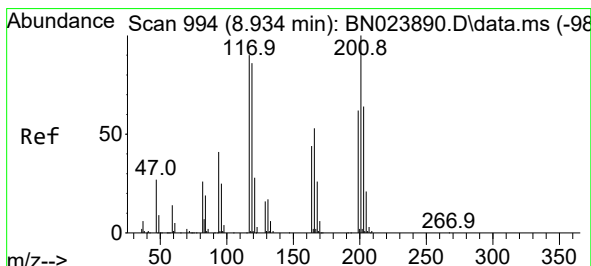
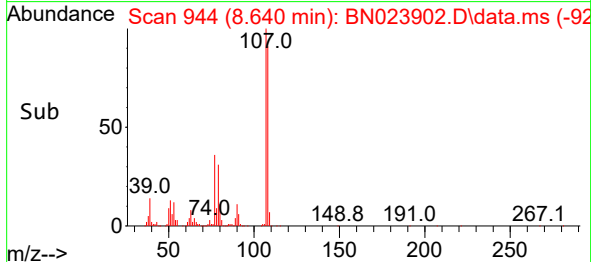
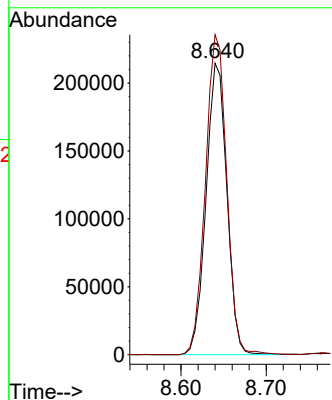
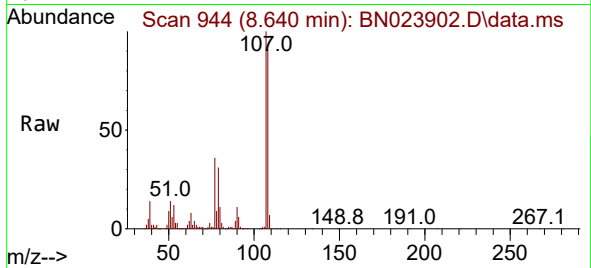




#18  
4-Methylphenol  
Concen: 31.339 ng/ul  
RT: 8.640 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

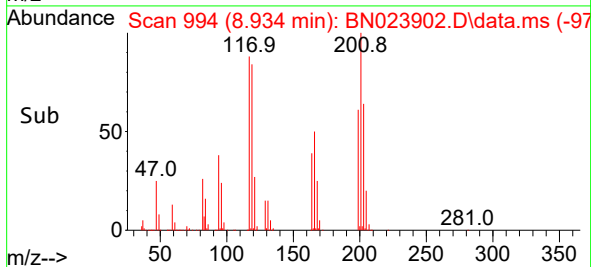
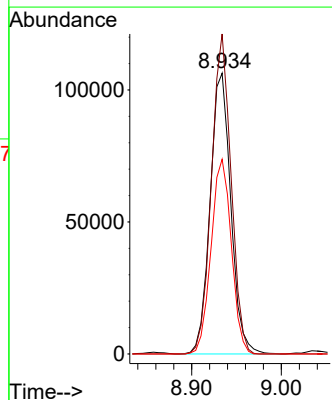
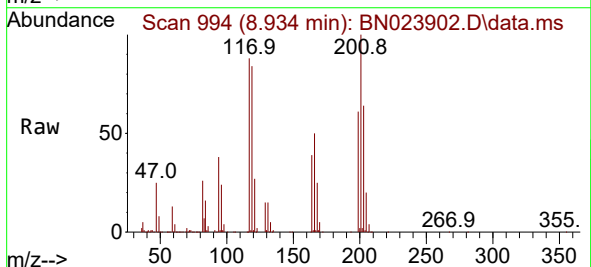
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

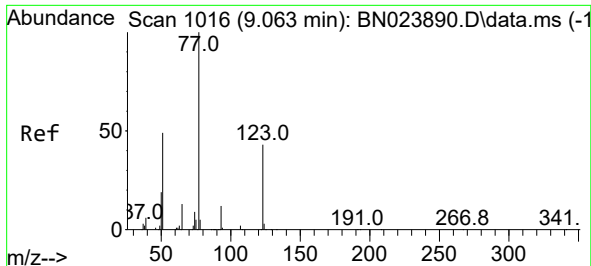
Tgt Ion:108 Resp: 364221  
Ion Ratio Lower Upper  
108 100  
107 109.7 88.9 133.3



#19  
Hexachloroethane  
Concen: 36.581 ng/ul  
RT: 8.934 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:117 Resp: 170518  
Ion Ratio Lower Upper  
117 100  
201 113.9 88.8 133.2  
199 69.4 55.0 82.4

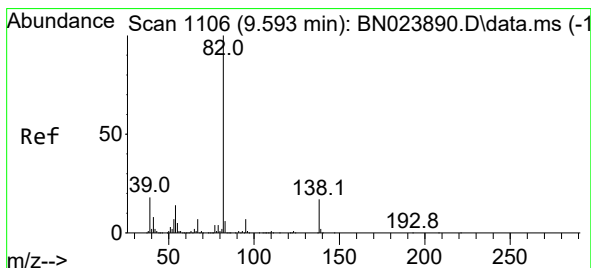
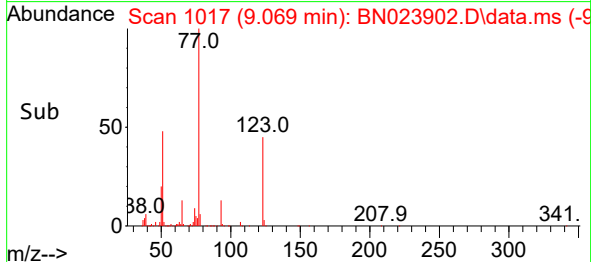
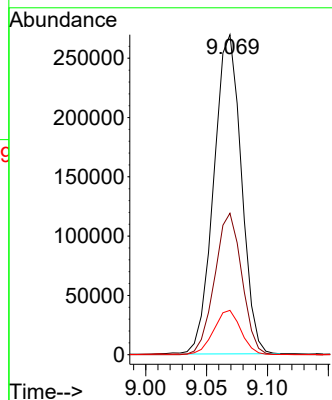
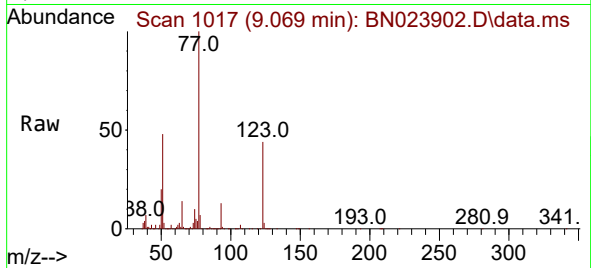




#22  
Nitrobenzene  
Concen: 36.504 ng/ul  
RT: 9.069 min Scan# 1016  
Delta R.T. 0.006 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

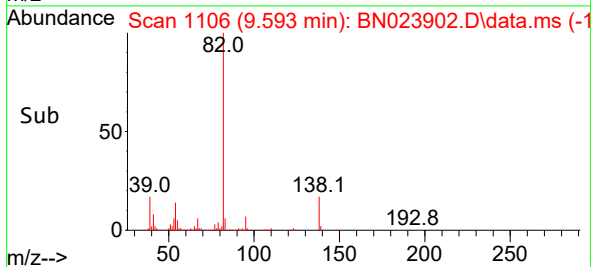
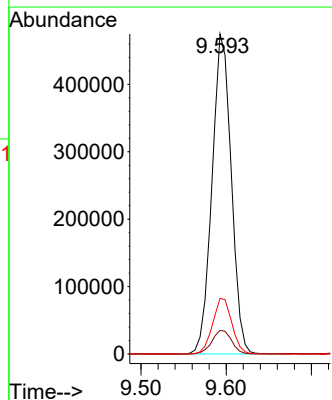
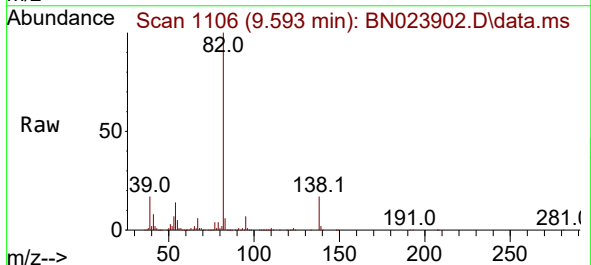
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

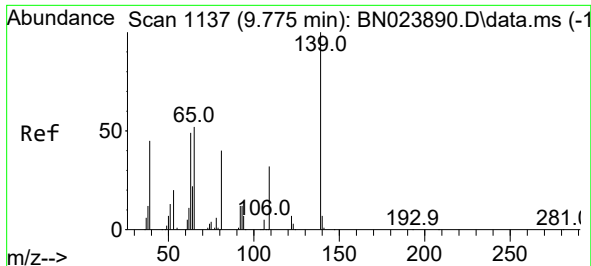
Tgt Ion: 77 Resp: 423876  
Ion Ratio Lower Upper  
77 100  
123 44.2 34.2 51.2  
65 13.8 10.9 16.3



#23  
Isophorone  
Concen: 33.950 ng/ul  
RT: 9.593 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion: 82 Resp: 744045  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.6 8.4  
138 17.3 13.4 20.2





#25

2-Nitrophenol

Concen: 38.273 ng/ul

RT: 9.781 min Scan# 1138

Delta R.T. 0.006 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

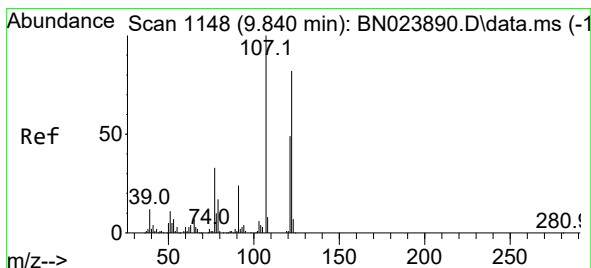
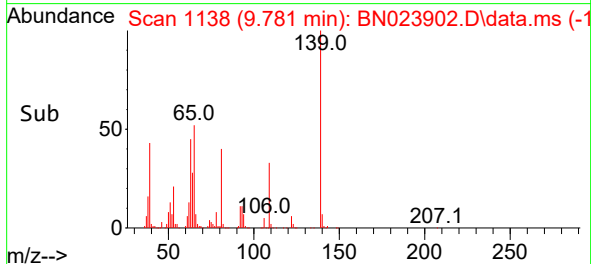
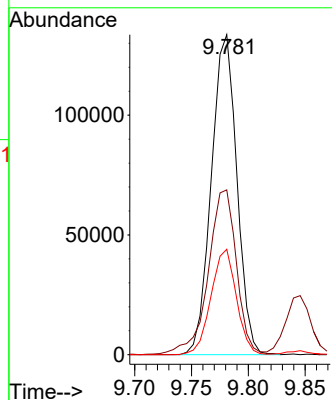
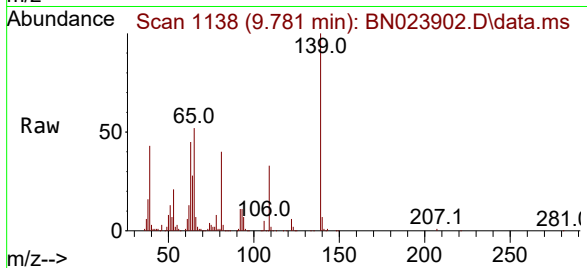
Tgt Ion:139 Resp: 209170

Ion Ratio Lower Upper

139 100

65 51.5 44.5 66.7

109 32.9 26.0 39.0



#26

2,4-Dimethylphenol

Concen: 36.150 ng/ul

RT: 9.846 min Scan# 1149

Delta R.T. 0.006 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

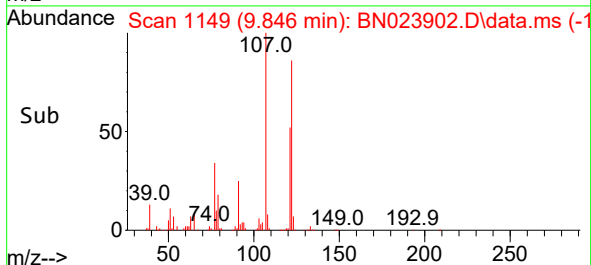
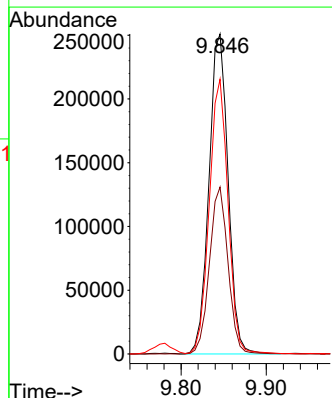
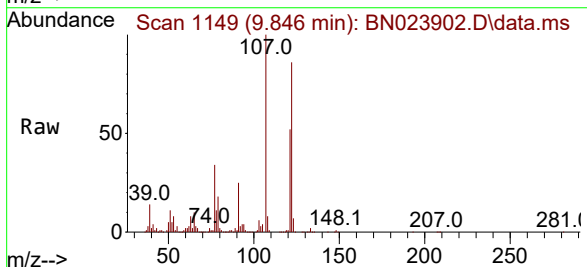
Tgt Ion:107 Resp: 391248

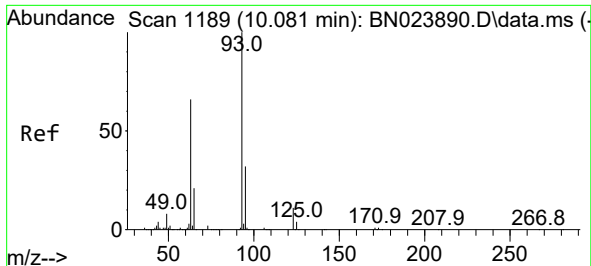
Ion Ratio Lower Upper

107 100

121 52.2 39.4 59.2

122 85.9 65.8 98.6





#27

Bis(2-Chloroethoxy)methane

Concen: 33.983 ng/ul

RT: 10.081 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

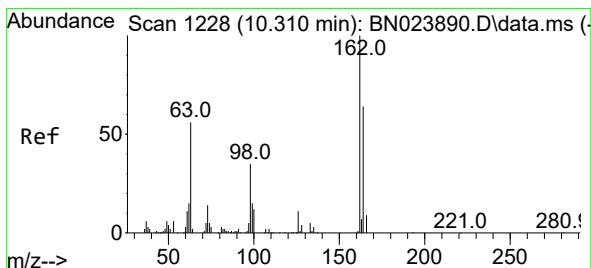
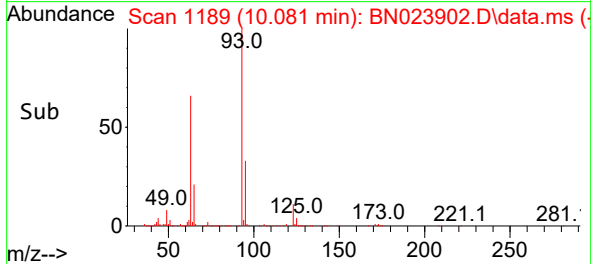
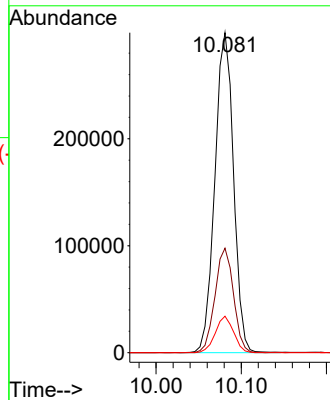
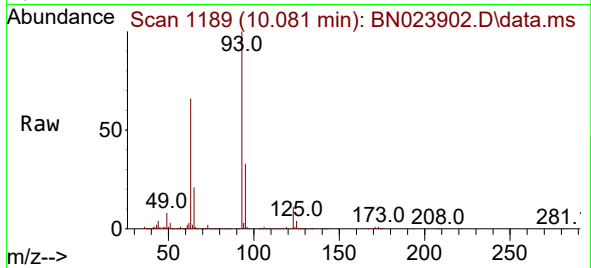
Tgt Ion: 93 Resp: 455007

Ion Ratio Lower Upper

93 100

95 32.6 25.4 38.2

123 11.4 8.8 13.2



#29

2,4-Dichlorophenol

Concen: 36.073 ng/ul

RT: 10.316 min Scan# 1229

Delta R.T. 0.006 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

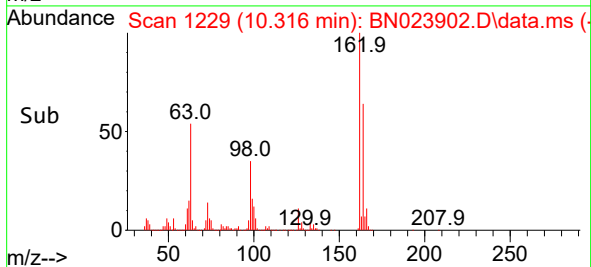
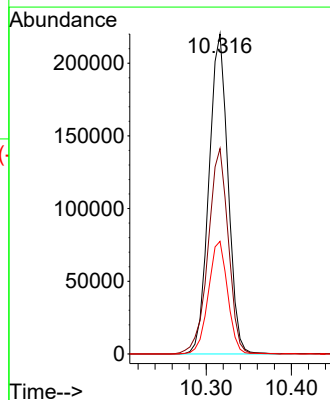
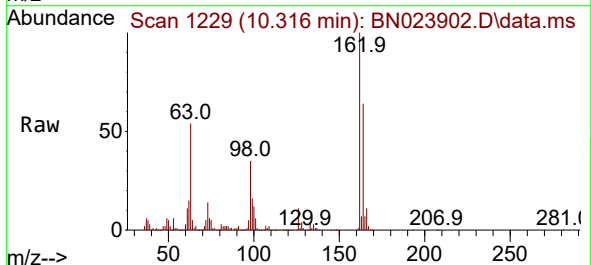
Tgt Ion:162 Resp: 342069

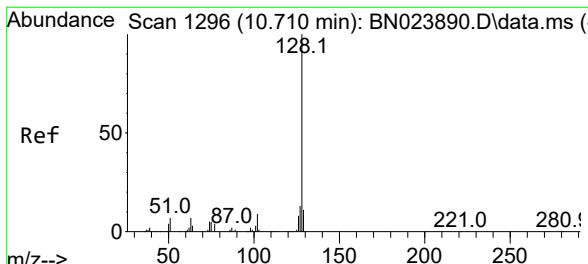
Ion Ratio Lower Upper

162 100

164 64.2 51.4 77.0

98 35.2 28.0 42.0

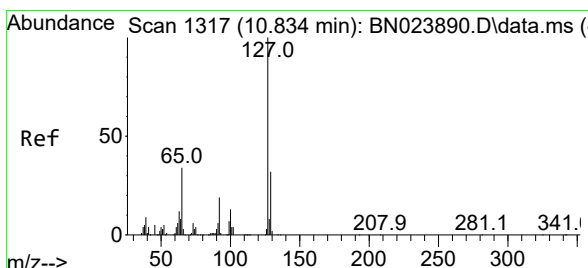
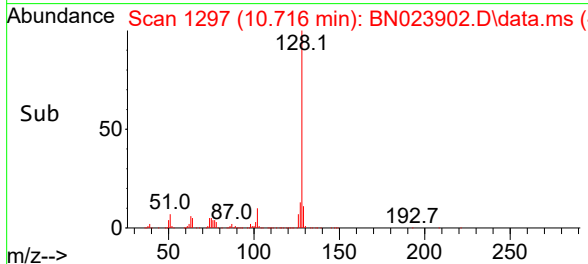
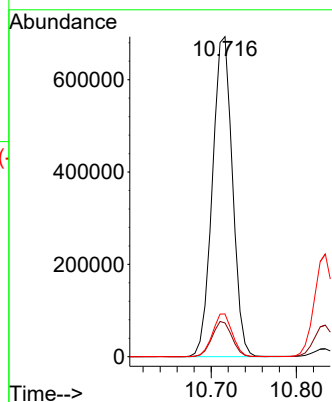
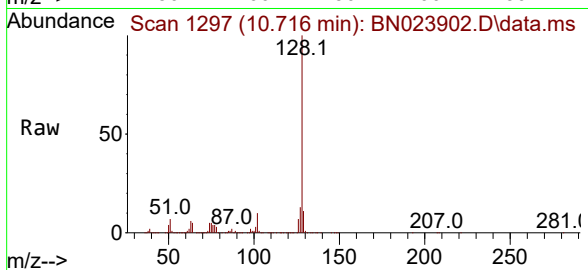




#30  
Naphthalene  
Concen: 36.808 ng/ul  
RT: 10.716 min Scan# 1296  
Delta R.T. 0.006 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

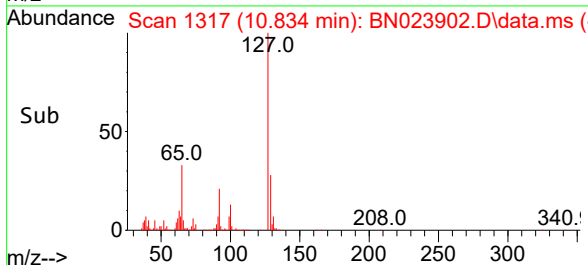
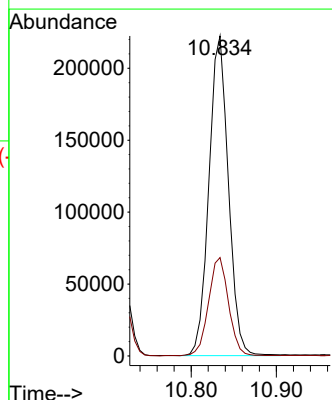
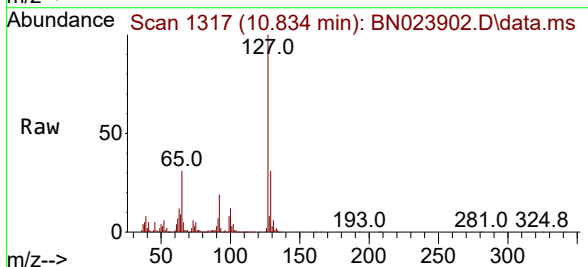
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

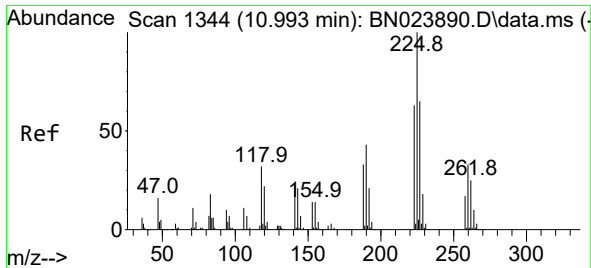
Tgt Ion:128 Resp: 1136421  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.5 12.7  
127 13.3 10.3 15.5



#32  
4-Chloroaniline  
Concen: 26.452 ng/ul  
RT: 10.834 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:127 Resp: 352932  
Ion Ratio Lower Upper  
127 100  
129 30.7 25.9 38.9

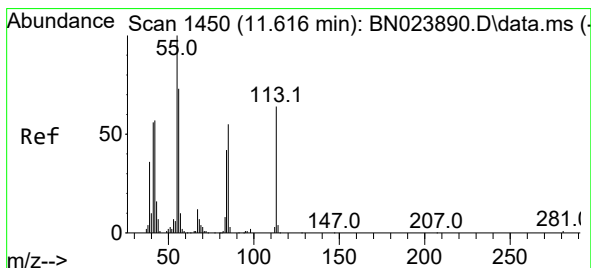
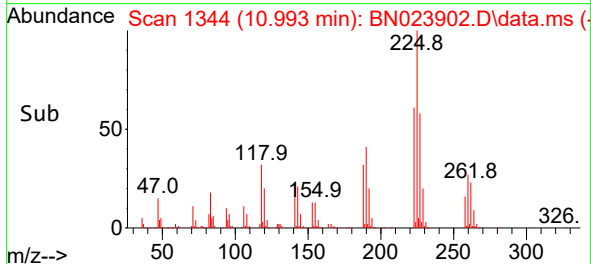
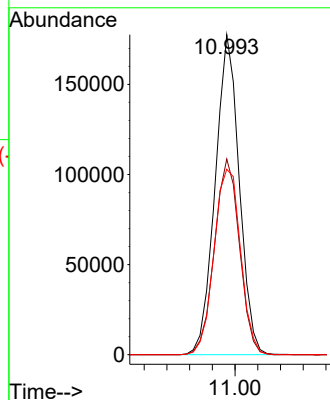
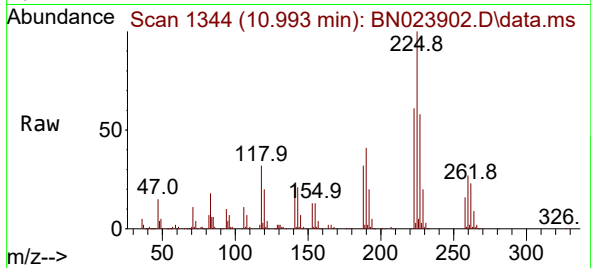




#33  
Hexachlorobutadiene  
Concen: 39.290 ng/ul  
RT: 10.993 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

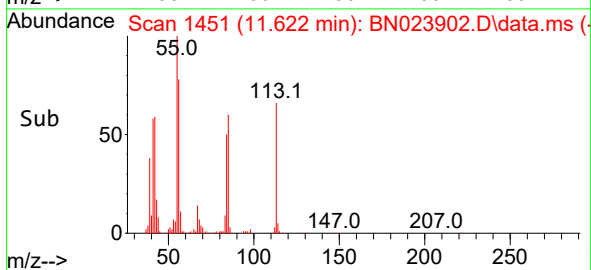
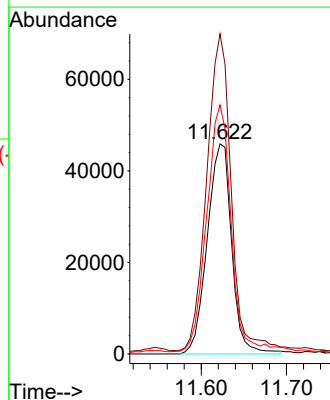
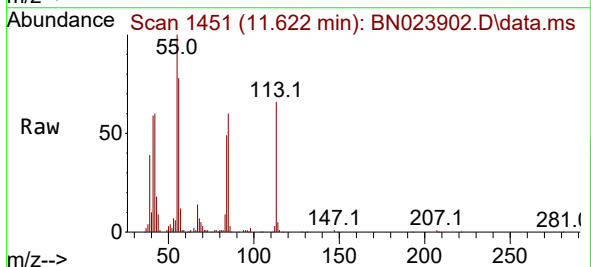
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ClientSampleId :  
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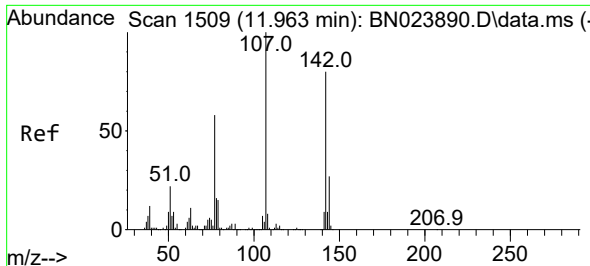
Tgt Ion:225 Resp: 261081  
Ion Ratio Lower Upper  
225 100  
223 61.2 50.2 75.4  
227 58.0 52.2 78.2



#34  
Caprolactam  
Concen: 30.877 ng/ul  
RT: 11.622 min Scan# 1451  
Delta R.T. 0.006 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:113 Resp: 91495  
Ion Ratio Lower Upper  
113 100  
55 152.3 125.6 188.4  
56 118.5 94.1 141.1

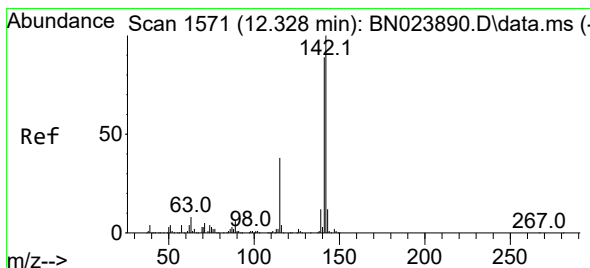
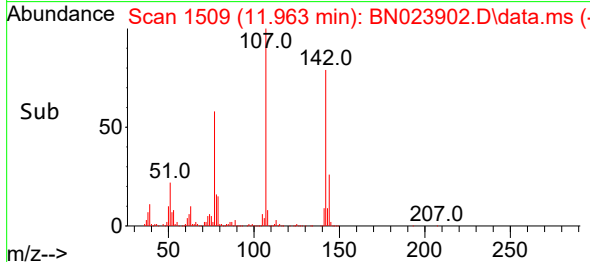
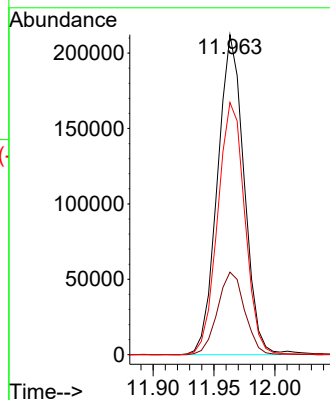
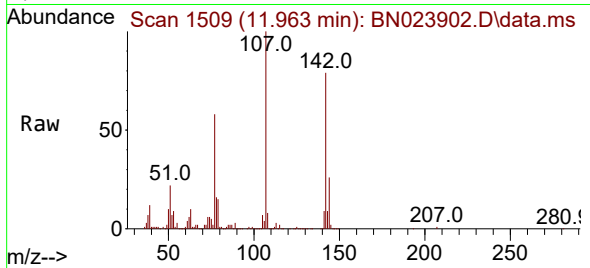




#35  
 4-Chloro-3-methylphenol  
 Concen: 31.669 ng/ul  
 RT: 11.963 min Scan# 1509  
 Delta R.T. -0.000 min  
 Lab File: BN023902.D  
 Acq: 02 Feb 2023 13:23

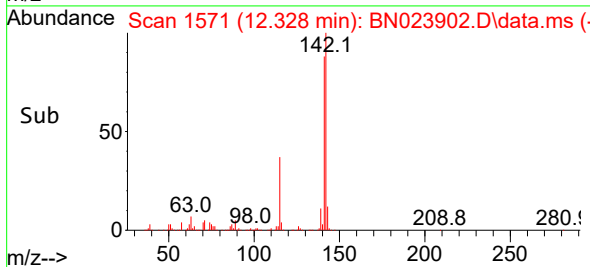
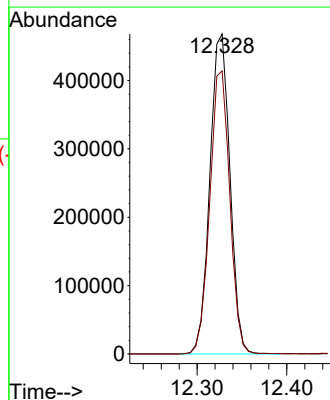
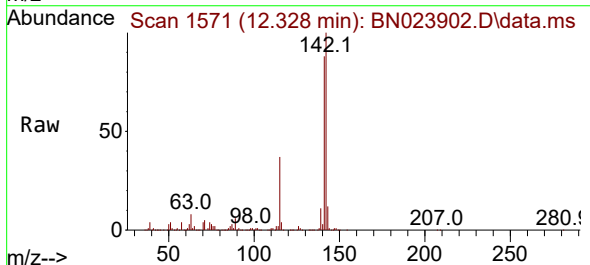
Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4488MSD

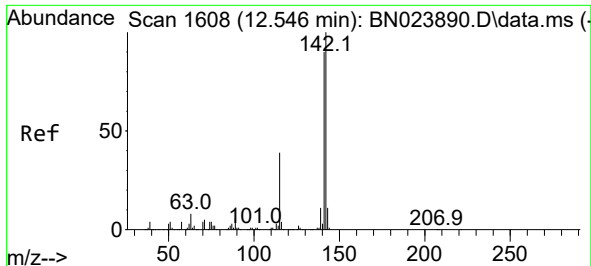
Tgt Ion:107 Resp: 321896  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 21.7 32.5  
 142 78.8 63.7 95.5



#36  
 2-Methylnaphthalene  
 Concen: 34.692 ng/ul  
 RT: 12.328 min Scan# 1571  
 Delta R.T. -0.000 min  
 Lab File: BN023902.D  
 Acq: 02 Feb 2023 13:23

Tgt Ion:142 Resp: 727766  
 Ion Ratio Lower Upper  
 142 100  
 141 88.5 71.3 106.9





#37

1-Methylnaphthalene

Concen: 33.776 ng/ul

RT: 12.546 min Scan# 1608

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

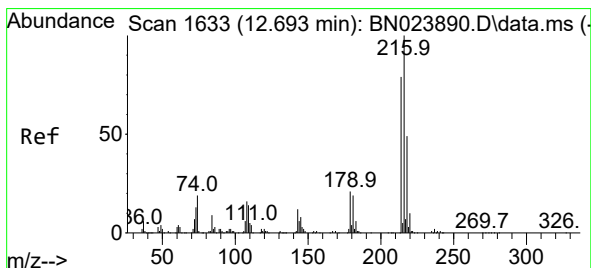
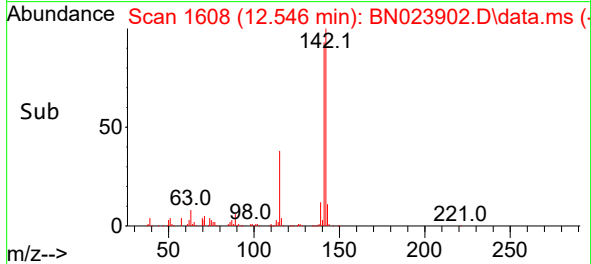
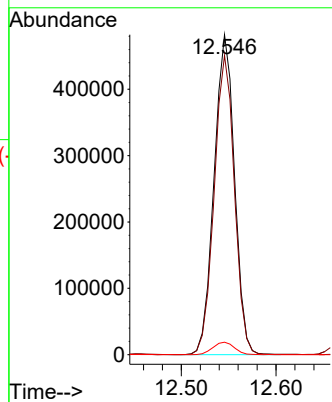
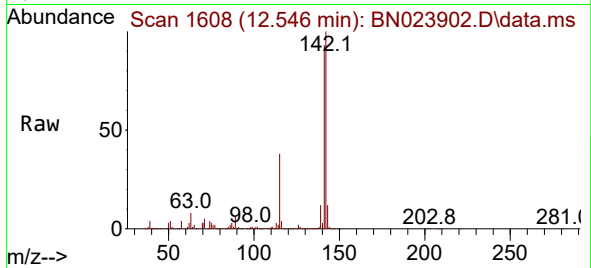
Tgt Ion:142 Resp: 724897

Ion Ratio Lower Upper

142 100

141 93.5 72.2 108.2

116 3.9 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.854 ng/ul

RT: 12.693 min Scan# 1633

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Tgt Ion:216 Resp: 422581

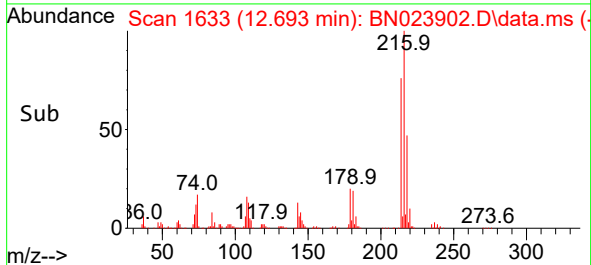
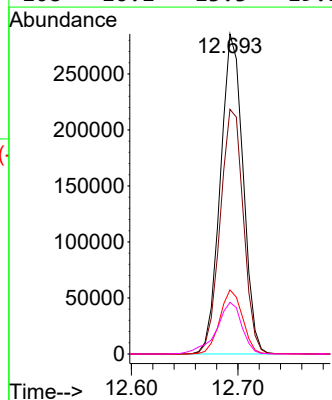
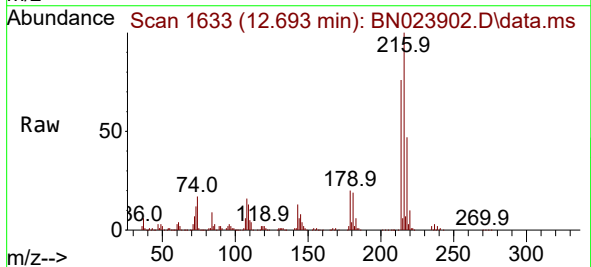
Ion Ratio Lower Upper

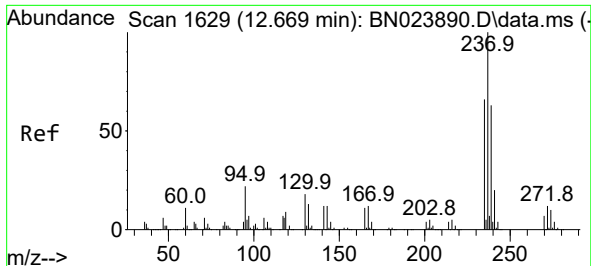
216 100

214 76.5 63.0 94.4

179 20.0 16.5 24.7

108 16.1 13.3 19.9

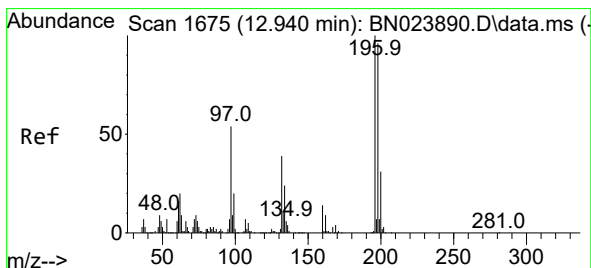
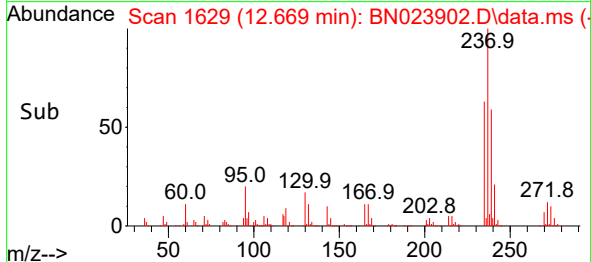
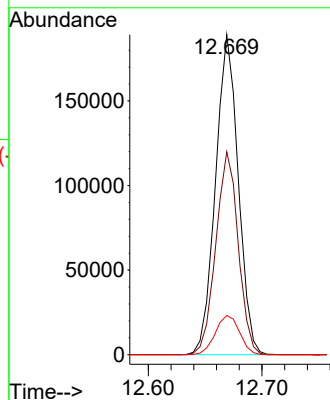
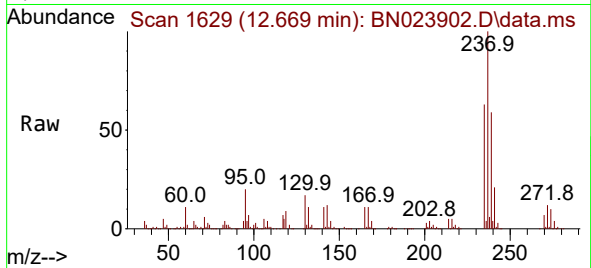




#40  
Hexachlorocyclopentadiene  
Concen: 32.692 ng/ul  
RT: 12.669 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

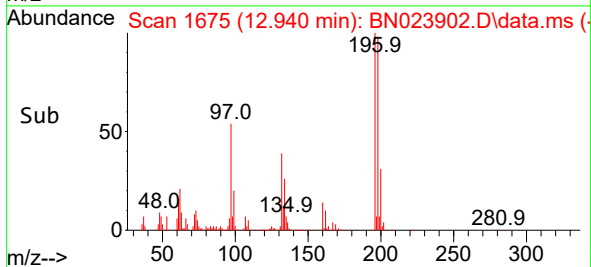
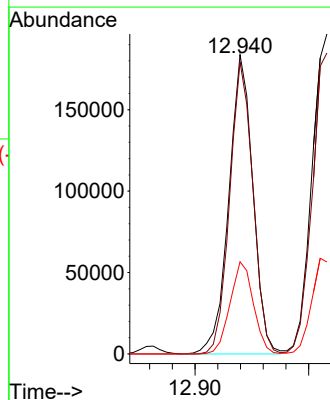
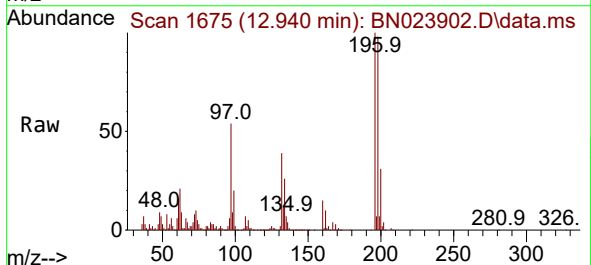
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

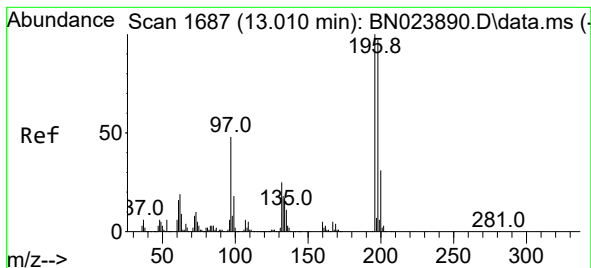
Tgt Ion:237 Resp: 262753  
Ion Ratio Lower Upper  
237 100  
235 63.4 53.0 79.4  
272 12.3 10.1 15.1



#41  
2,4,6-Trichlorophenol  
Concen: 36.706 ng/ul  
RT: 12.940 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:196 Resp: 270358  
Ion Ratio Lower Upper  
196 100  
198 97.6 76.8 115.2  
200 30.8 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 35.335 ng/ul

RT: 13.016 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

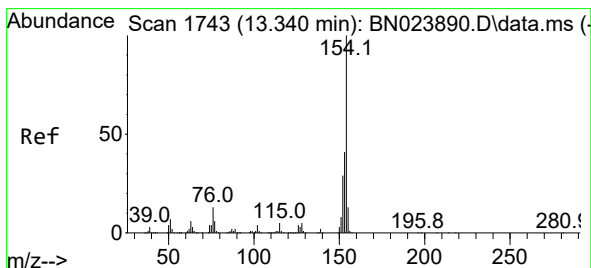
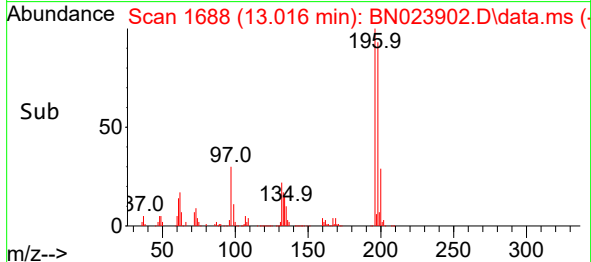
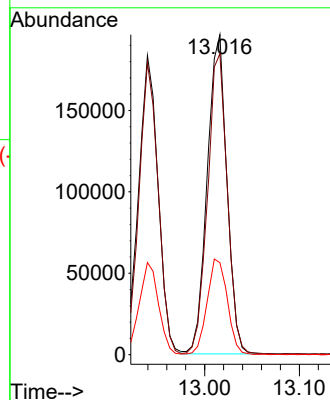
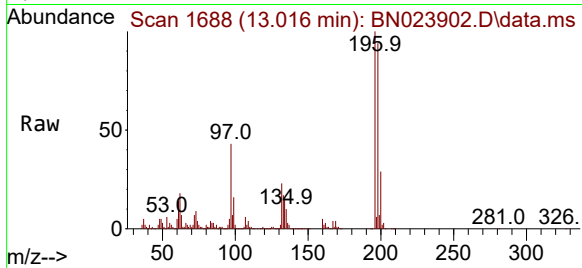
Tgt Ion:196 Resp: 281910

Ion Ratio Lower Upper

196 100

198 94.0 77.6 116.4

200 28.8 24.6 37.0



#43

1,1'-Biphenyl

Concen: 109.261 ng/ul

RT: 13.345 min Scan# 1744

Delta R.T. 0.006 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

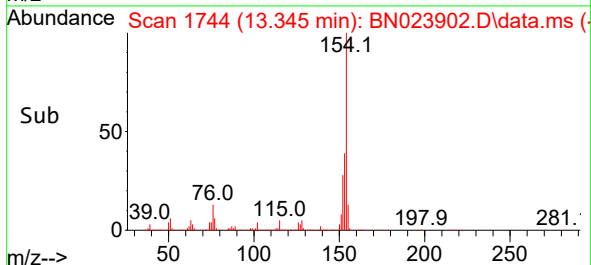
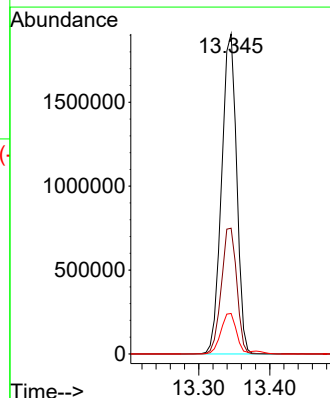
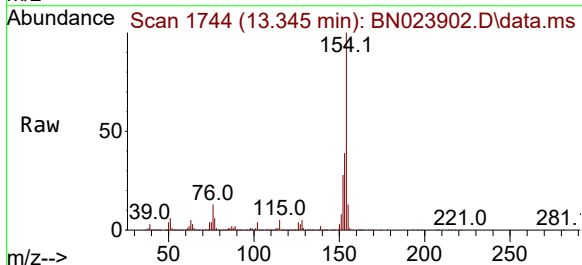
Tgt Ion:154 Resp: 2797360

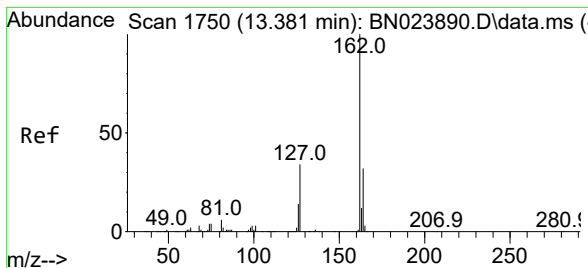
Ion Ratio Lower Upper

154 100

153 39.3 32.6 48.8

76 12.7 10.7 16.1

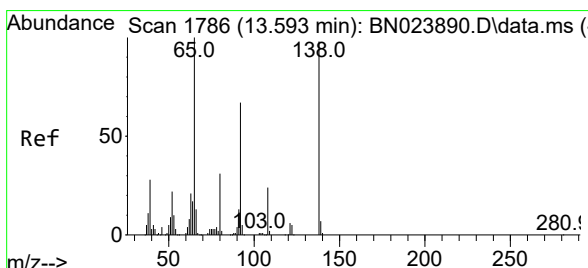
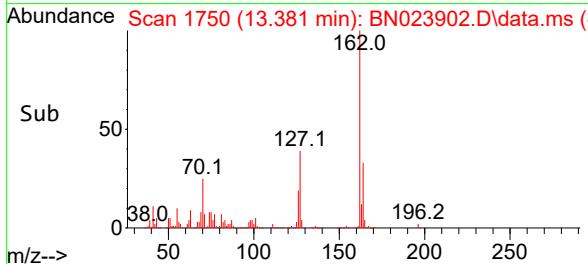
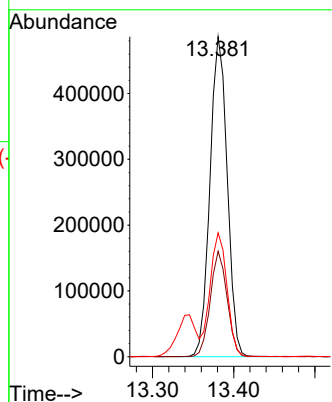
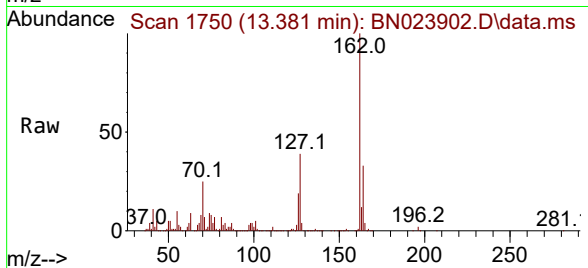




#44  
2-Chloronaphthalene  
Concen: 36.007 ng/ul  
RT: 13.381 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

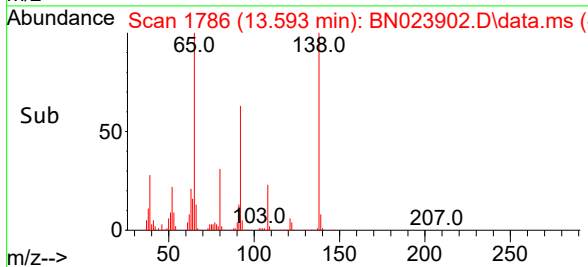
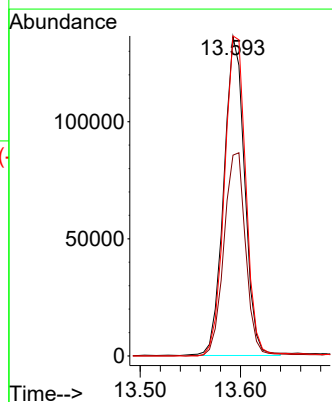
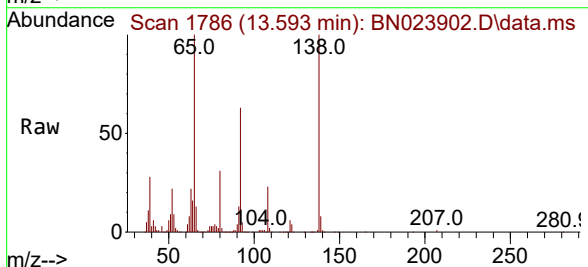
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

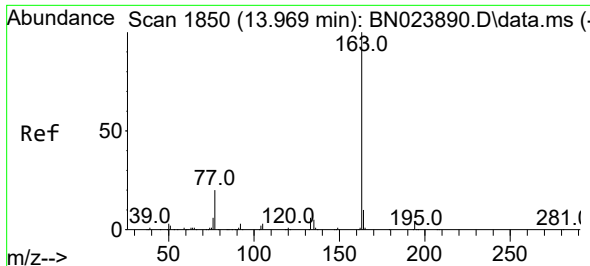
Tgt Ion:162 Resp: 717293  
Ion Ratio Lower Upper  
162 100  
164 33.0 25.9 38.9  
127 38.7 30.7 46.1



#45  
2-Nitroaniline  
Concen: 32.826 ng/ul  
RT: 13.593 min Scan# 1786  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion: 65 Resp: 196351  
Ion Ratio Lower Upper  
65 100  
92 62.9 53.2 79.8  
138 100.2 78.3 117.5

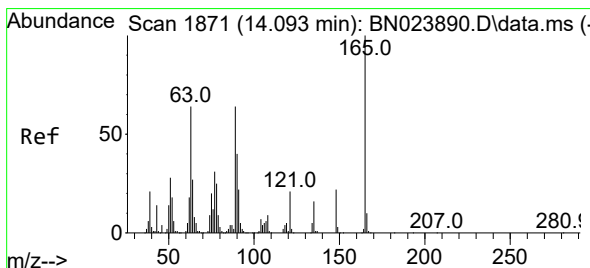
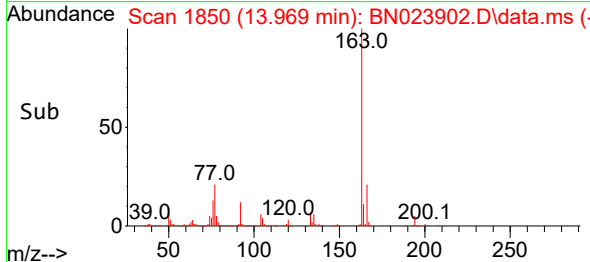
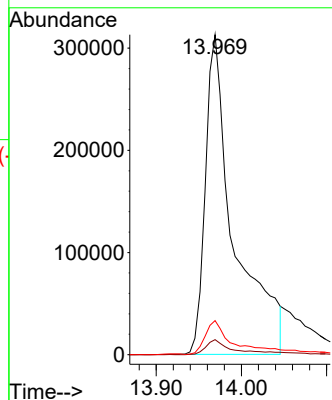
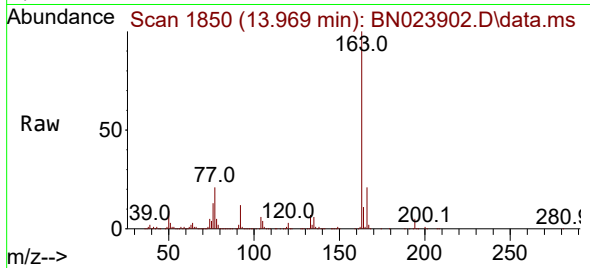




#47  
Dimethylphthalate  
Concen: 28.510 ng/ul  
RT: 13.969 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

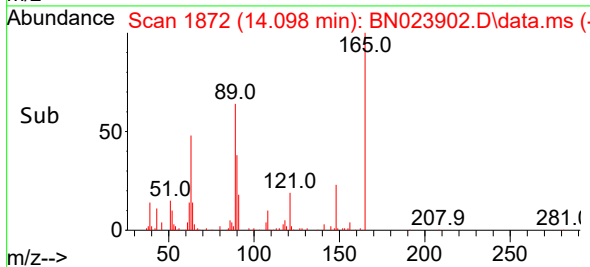
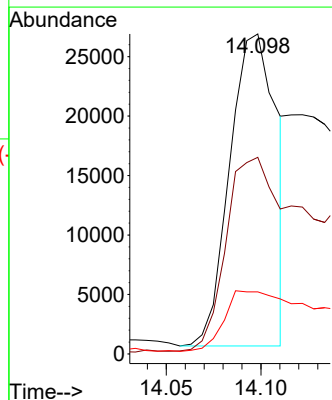
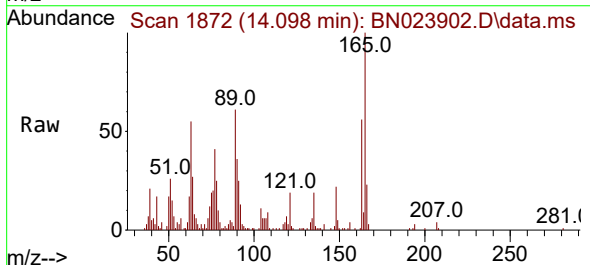
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

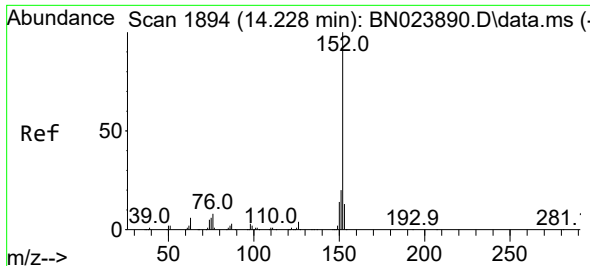
Tgt Ion:163 Resp: 733927  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.5 5.3  
164 10.6 8.1 12.1



#48  
2,6-Dinitrotoluene  
Concen: 8.876 ng/ul  
RT: 14.098 min Scan# 1872  
Delta R.T. 0.006 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:165 Resp: 45303  
Ion Ratio Lower Upper  
165 100  
89 61.5 50.8 76.2  
121 19.4 16.8 25.2

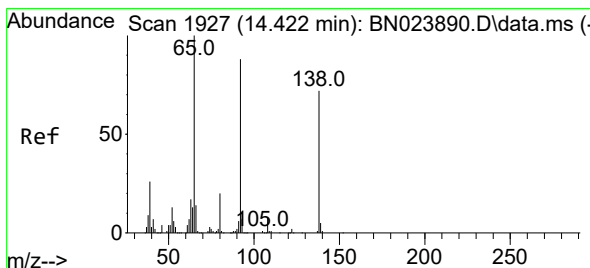
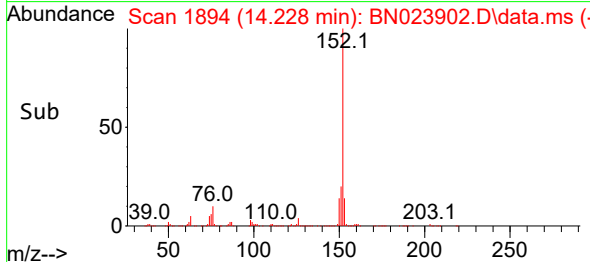
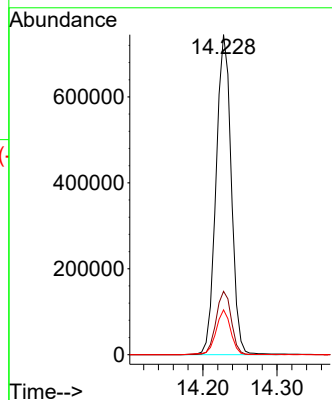
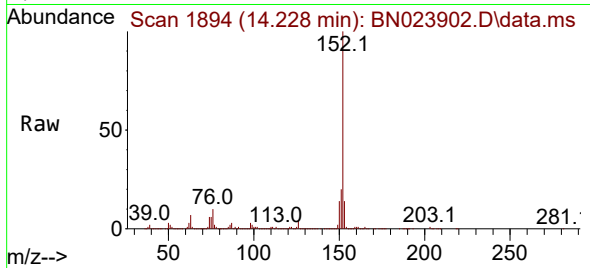




#50  
Acenaphthylene  
Concen: 35.156 ng/ul  
RT: 14.228 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

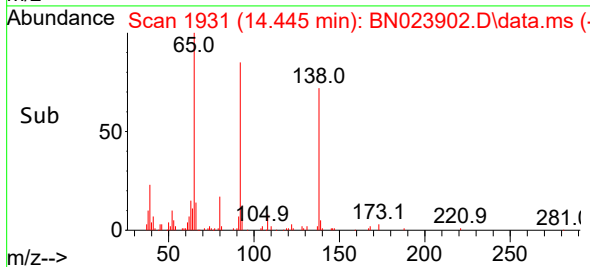
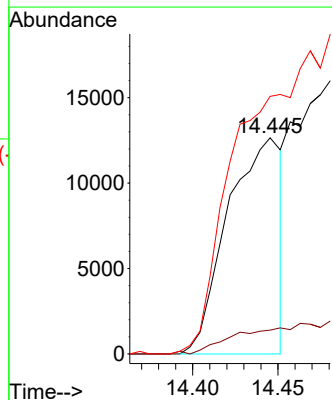
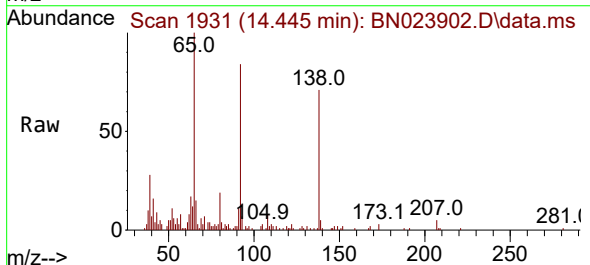
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

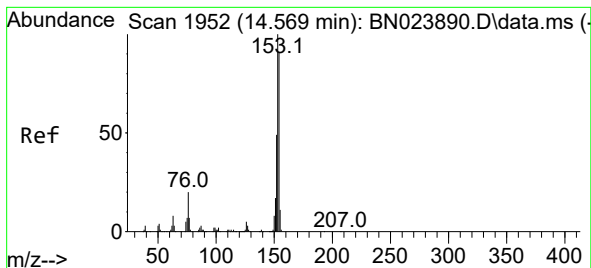
Tgt Ion:152 Resp: 1059507  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.3 24.5  
153 14.0 10.3 15.5



#51  
3-Nitroaniline  
Concen: 6.039 ng/ul  
RT: 14.445 min Scan# 1931  
Delta R.T. 0.023 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:138 Resp: 27744  
Ion Ratio Lower Upper  
138 100  
108 11.1 9.1 13.7  
92 119.2 97.6 146.4





#52

Acenaphthene

Concen: 35.829 ng/ul

RT: 14.569 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

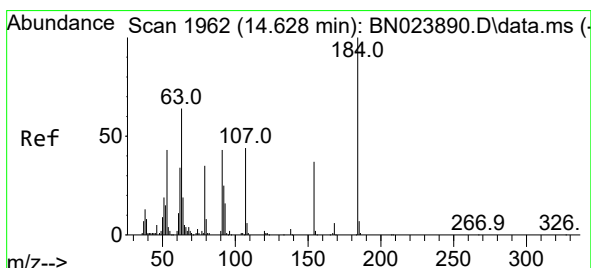
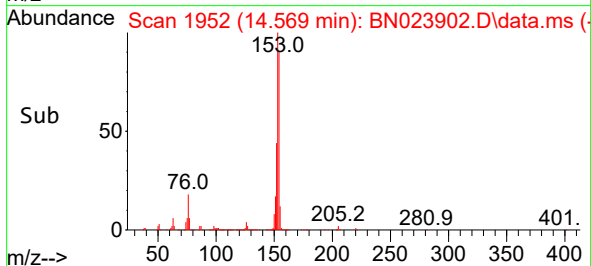
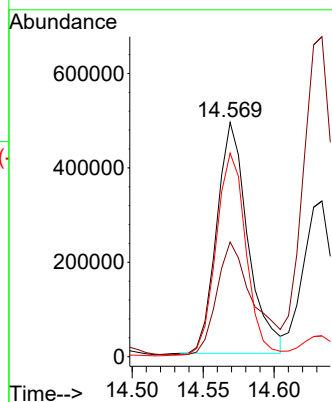
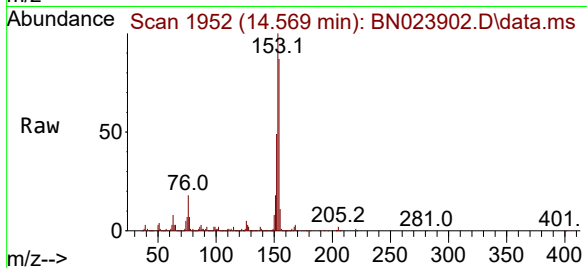
Tgt Ion:153 Resp: 749563

Ion Ratio Lower Upper

153 100

152 49.0 38.9 58.3

154 86.9 72.7 109.1



#53

2,4-Dinitrophenol

Concen: 4.709 ng/ul

RT: 14.657 min Scan# 1967

Delta R.T. 0.029 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

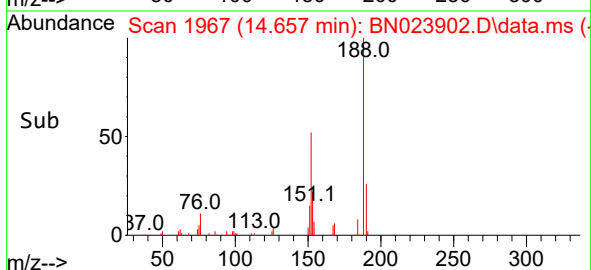
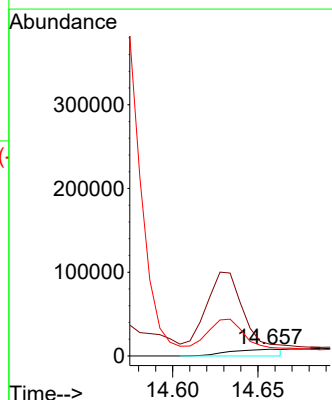
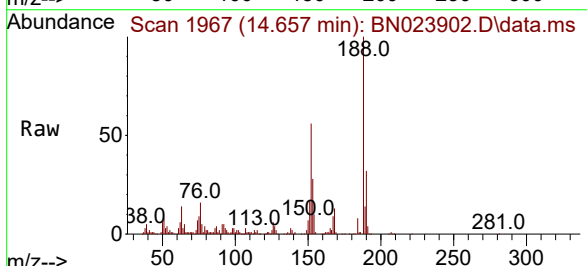
Tgt Ion:184 Resp: 16895

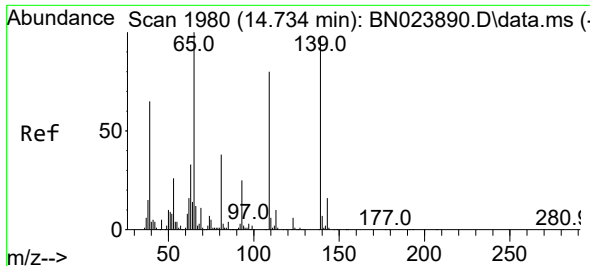
Ion Ratio Lower Upper

184 100

63 172.4 53.2 79.8#

154 123.7 50.6 76.0#

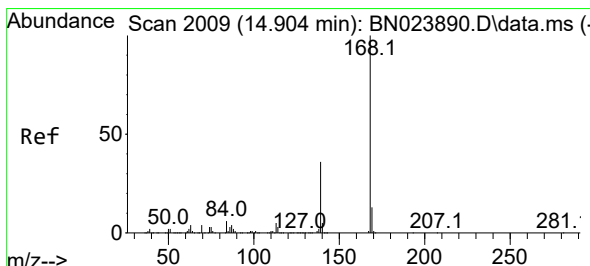
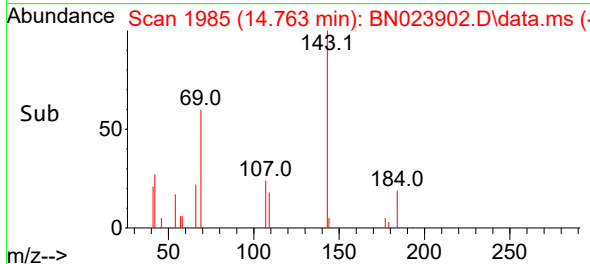
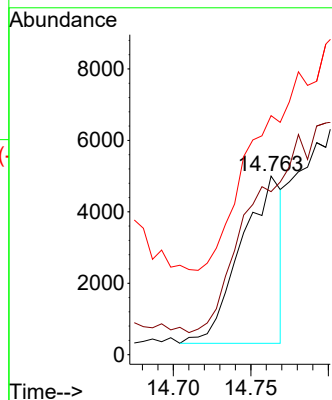
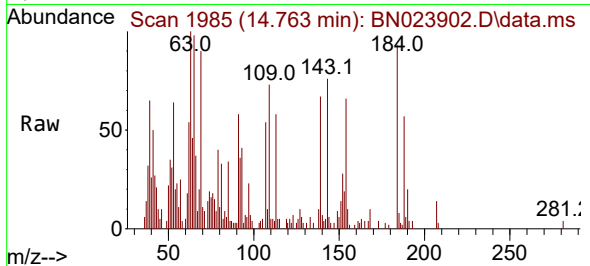




#55  
4-Nitrophenol  
Concen: 2.153 ng/ul  
RT: 14.763 min Scan# 1980  
Delta R.T. 0.029 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

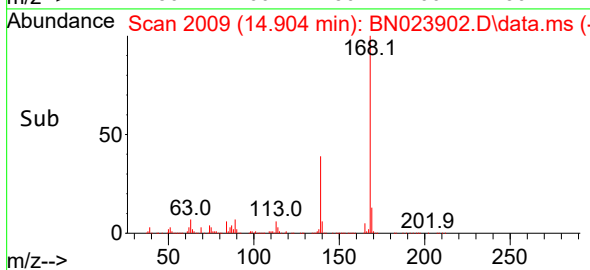
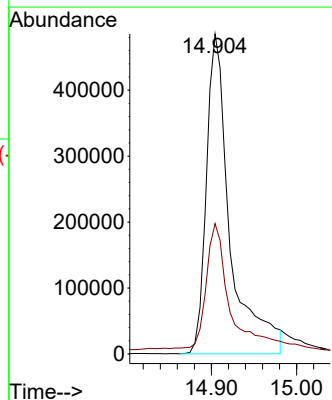
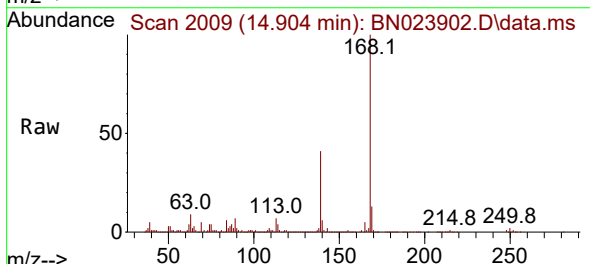
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

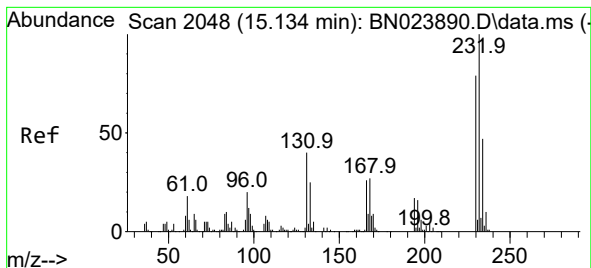
Tgt Ion:109 Resp: 8607  
Ion Ratio Lower Upper  
109 100  
139 91.4 98.1 147.1#  
65 133.9 101.6 152.4



#56  
Dibenzofuran  
Concen: 31.393 ng/ul  
RT: 14.904 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:168 Resp: 936929  
Ion Ratio Lower Upper  
168 100  
139 40.8 29.0 43.6





#58

2,3,4,6-Tetrachlorophenol

Concen: 6.745 ng/ul

RT: 15.157 min Scan# 2052

Delta R.T. 0.023 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

Tgt Ion:232 Resp: 47988

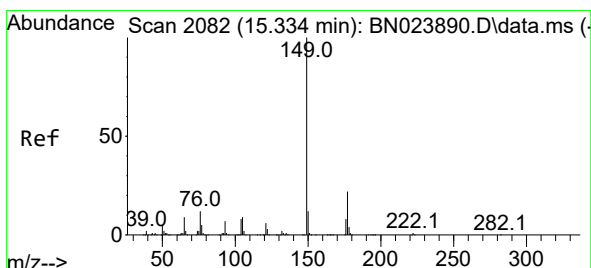
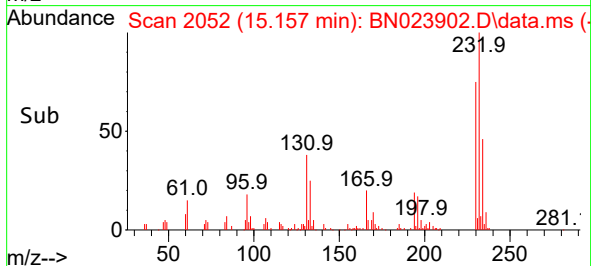
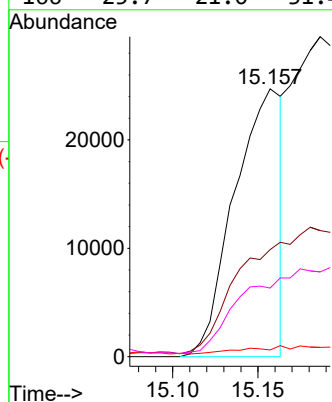
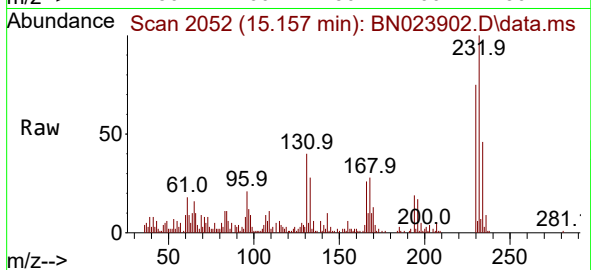
Ion Ratio Lower Upper

232 100

131 39.9 32.0 48.0

130 2.5 1.8 2.6

166 25.7 21.0 31.4



#59

Diethylphthalate

Concen: 23.112 ng/ul

RT: 15.387 min Scan# 2091

Delta R.T. 0.053 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

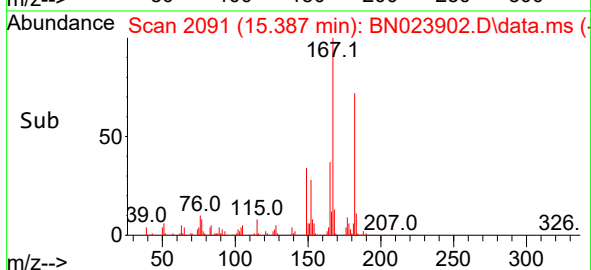
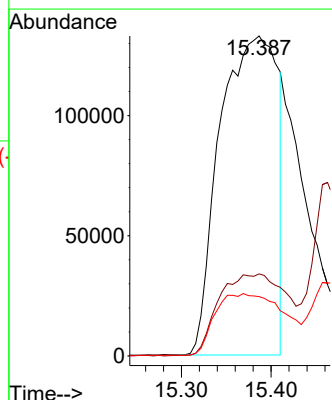
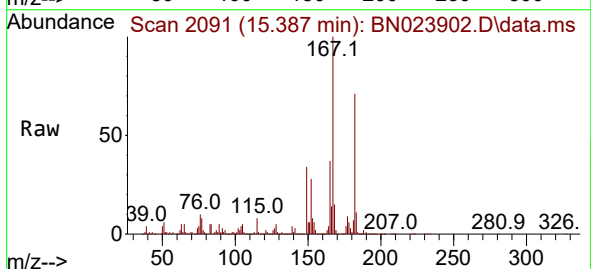
Tgt Ion:149 Resp: 591172

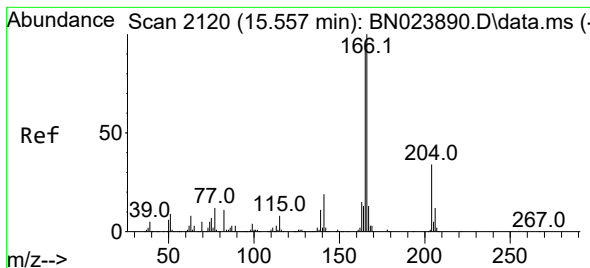
Ion Ratio Lower Upper

149 100

177 25.6 17.8 26.6

150 18.5 9.4 14.2#





#61

Fluorene

Concen: 124.698 ng/ul

RT: 15.569 min Scan# 2120

Delta R.T. 0.012 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

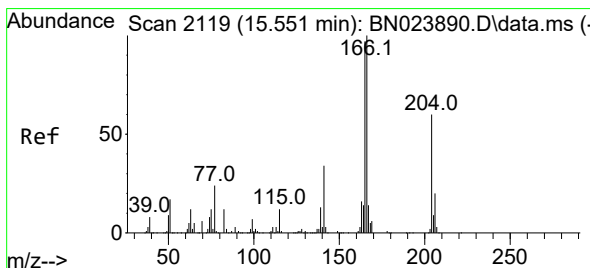
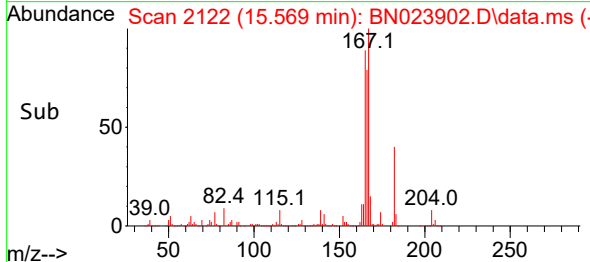
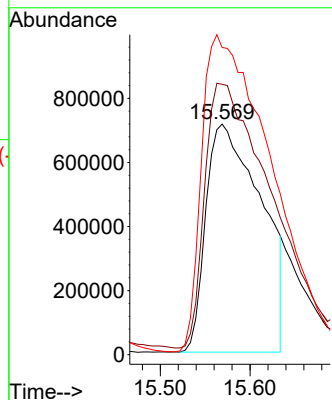
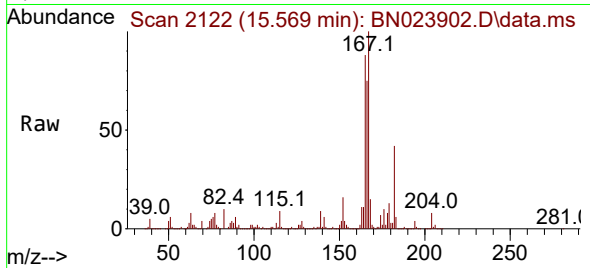
Tgt Ion:166 Resp: 3043505

Ion Ratio Lower Upper

166 100

165 117.3 74.1 111.1#

167 133.2 10.6 16.0#



#62

4-Chlorophenyl-phenylether

Concen: 19.595 ng/ul

RT: 15.569 min Scan# 2122

Delta R.T. 0.018 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

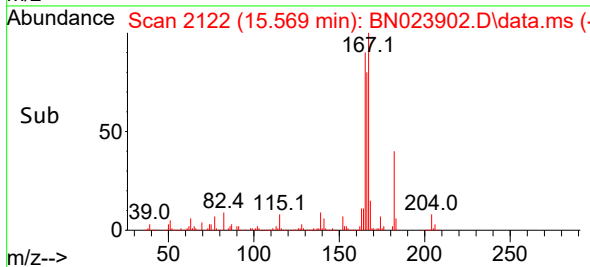
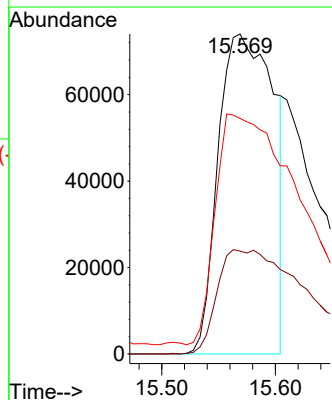
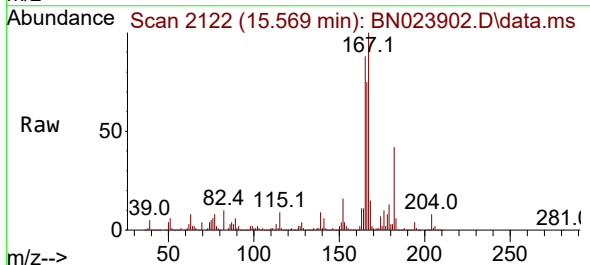
Tgt Ion:204 Resp: 250898

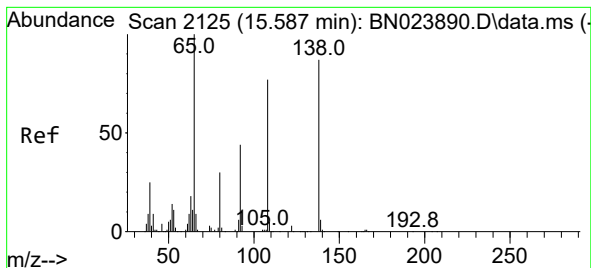
Ion Ratio Lower Upper

204 100

206 32.2 27.2 40.8

141 73.6 45.2 67.8#

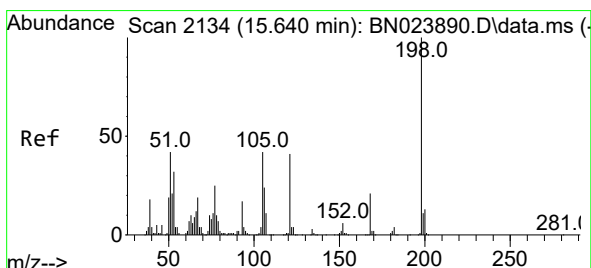
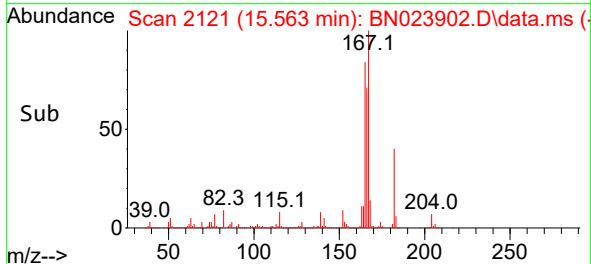
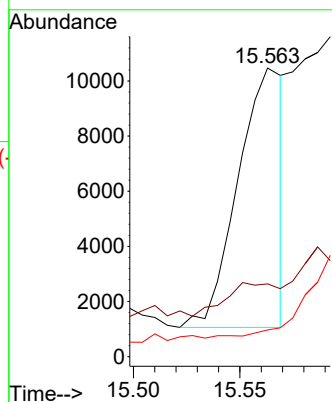
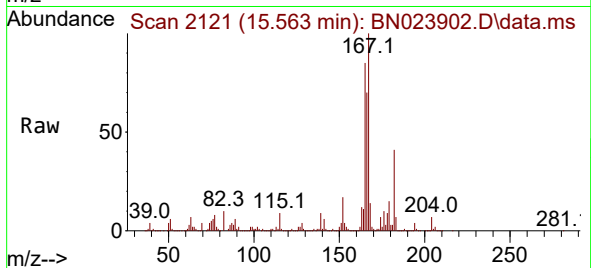




#63  
4-Nitroaniline  
Concen: 3.332 ng/ul  
RT: 15.563 min Scan# 2125  
Delta R.T. -0.024 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

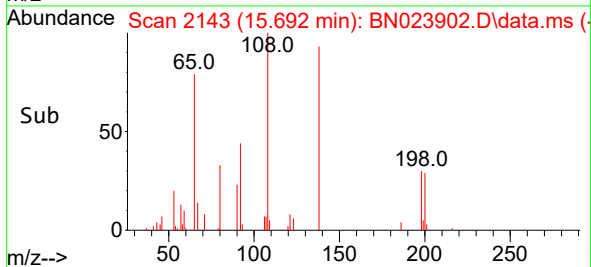
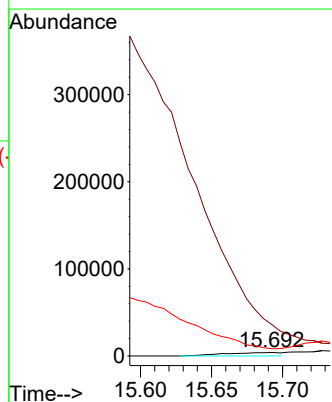
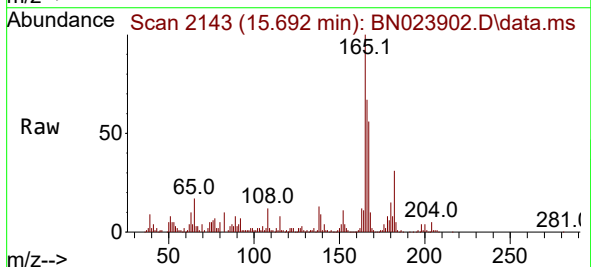
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

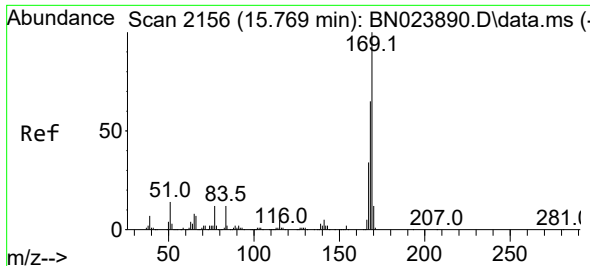
Tgt Ion:138 Resp: 13894  
Ion Ratio Lower Upper  
138 100  
92 25.2 41.5 62.3#  
108 9.3 71.0 106.6#



#66  
4,6-Dinitro-2-methylphenol  
Concen: 3.151 ng/ul  
RT: 15.692 min Scan# 2143  
Delta R.T. 0.053 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:198 Resp: 10991  
Ion Ratio Lower Upper  
198 100  
182 887.0 3.2 4.8#  
77 202.6 21.1 31.7#

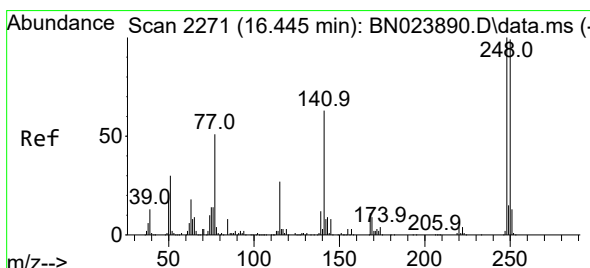
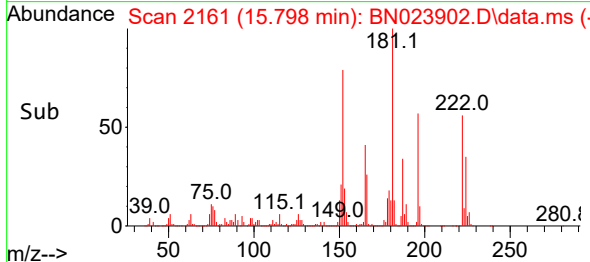
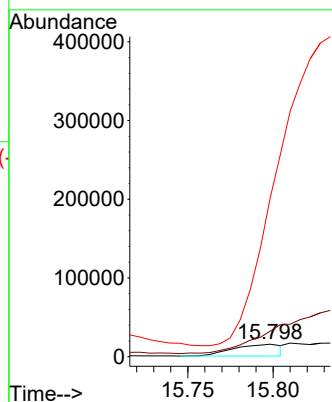
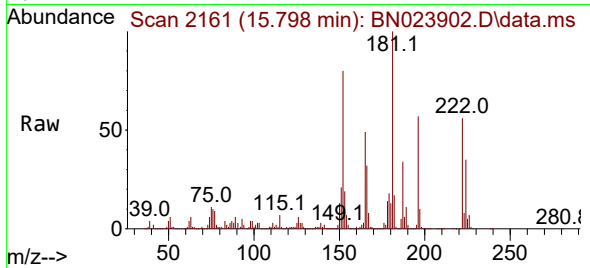




#67  
N-Nitrosodiphenylamine  
Concen: 1.970 ng/ul  
RT: 15.798 min Scan# 2156  
Delta R.T. 0.029 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

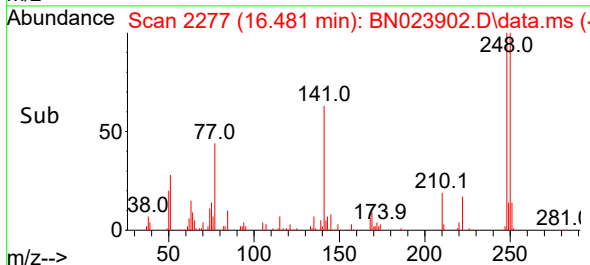
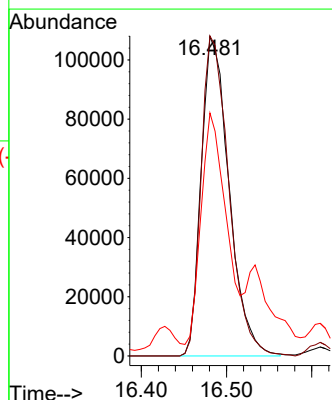
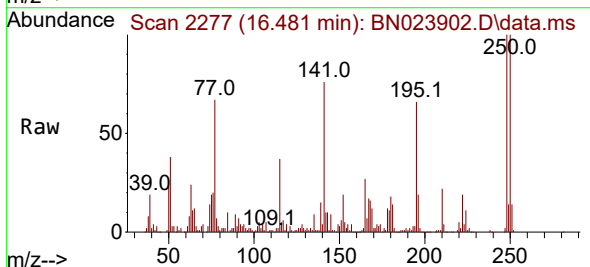
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

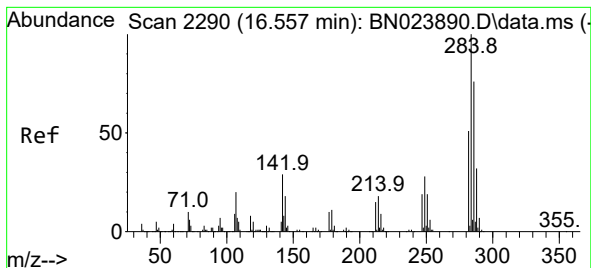
Tgt Ion:169 Resp: 29118  
Ion Ratio Lower Upper  
169 100  
168 205.0 52.2 78.2#  
167 1271.8 27.3 40.9#



#68  
4-Bromophenyl-phenylether  
Concen: 40.872 ng/ul  
RT: 16.481 min Scan# 2277  
Delta R.T. 0.035 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:248 Resp: 245062  
Ion Ratio Lower Upper  
248 100  
250 100.2 79.2 118.8  
141 76.1 50.4 75.6#





#69

Hexachlorobenzene

Concen: 41.490 ng/ul

RT: 16.610 min Scan# 21

Delta R.T. 0.053 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

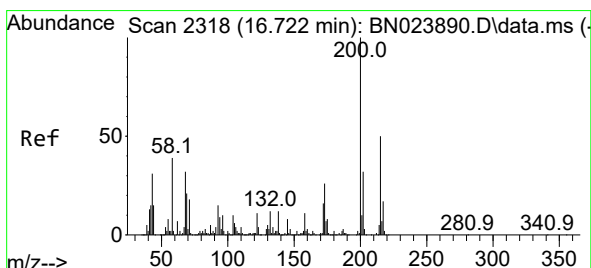
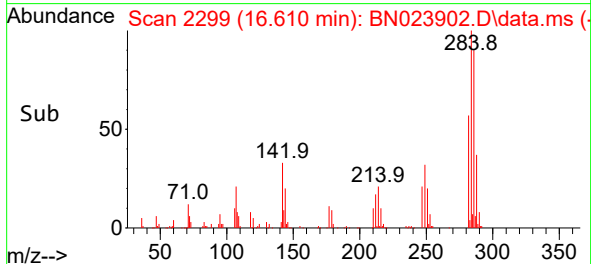
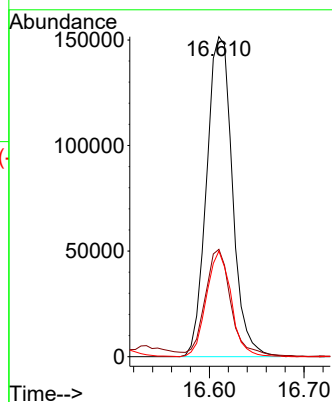
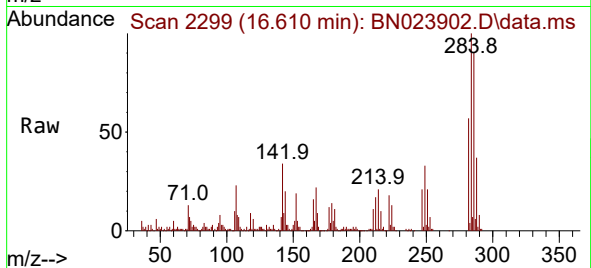
Tgt Ion:284 Resp: 287405

Ion Ratio Lower Upper

284 100

142 33.5 23.2 34.8

249 33.0 22.6 34.0



#70

Atrazine

Concen: 39.883 ng/ul

RT: 16.757 min Scan# 2324

Delta R.T. 0.035 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

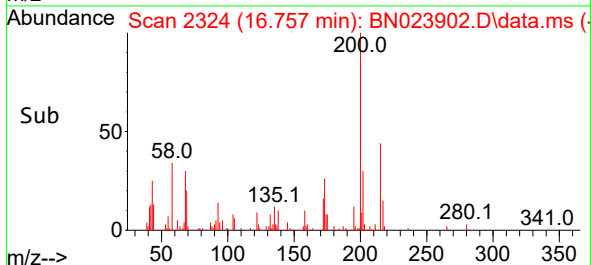
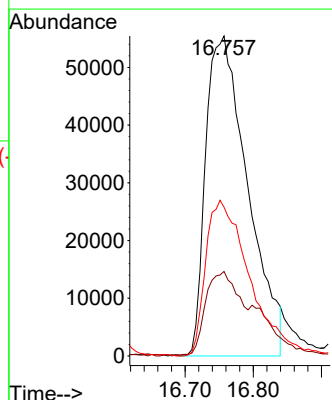
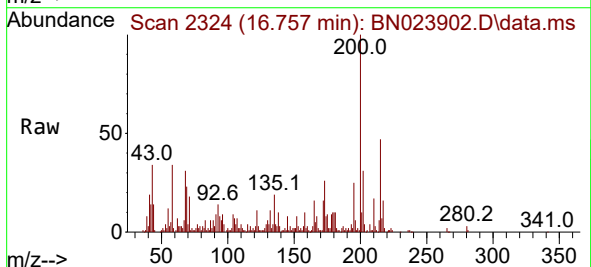
Tgt Ion:200 Resp: 236887

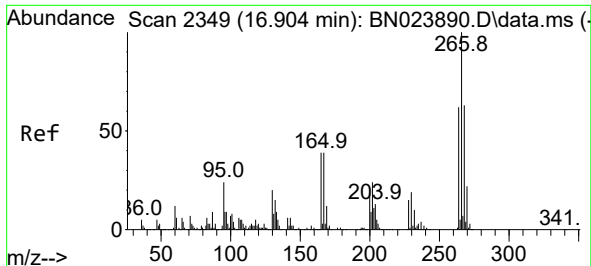
Ion Ratio Lower Upper

200 100

173 26.4 20.9 31.3

215 46.5 40.2 60.2

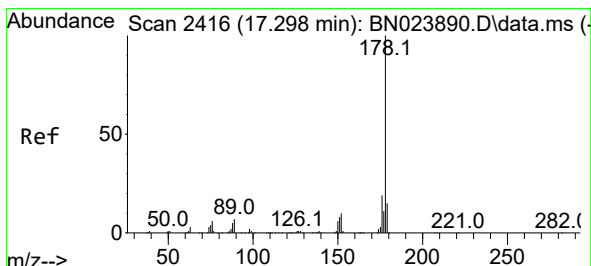
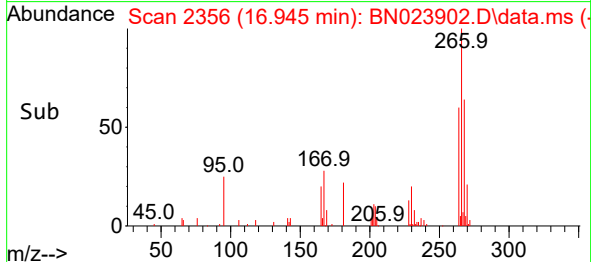
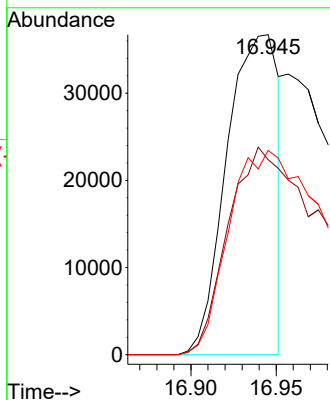
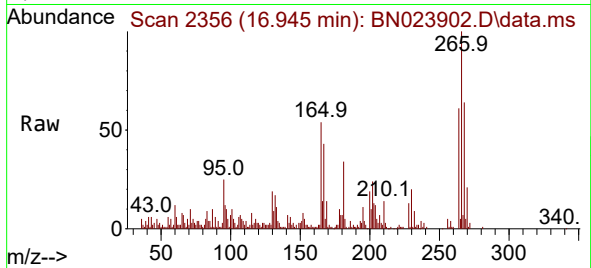




#71  
 Pentachlorophenol  
 Concen: 17.458 ng/ul  
 RT: 16.945 min Scan# 21  
 Delta R.T. 0.041 min  
 Lab File: BN023902.D  
 Acq: 02 Feb 2023 13:23

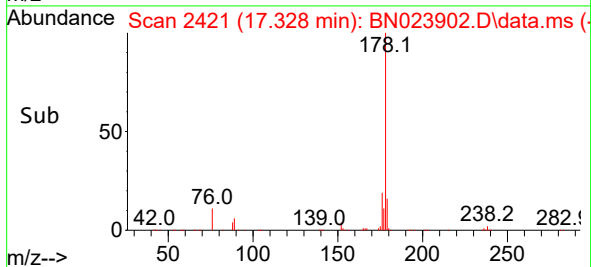
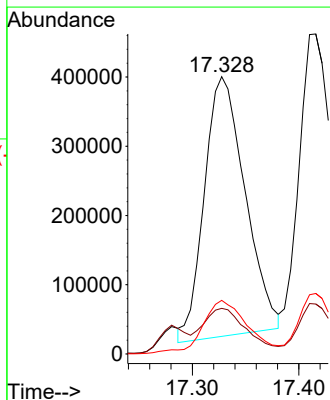
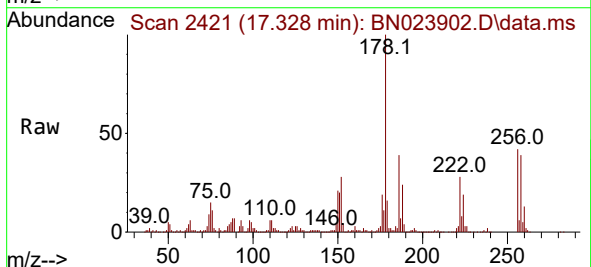
Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4488MSD

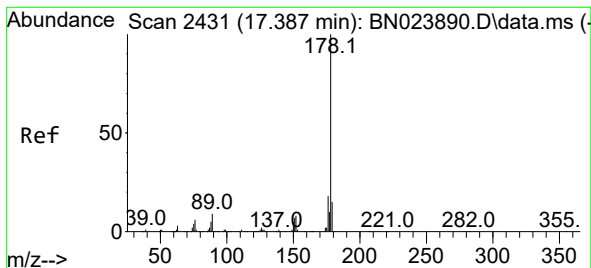
Tgt Ion:266 Resp: 77428  
 Ion Ratio Lower Upper  
 266 100  
 264 61.0 49.9 74.9  
 268 63.8 50.3 75.5



#72  
 Phenanthrene  
 Concen: 36.177 ng/ul  
 RT: 17.328 min Scan# 2421  
 Delta R.T. 0.029 min  
 Lab File: BN023902.D  
 Acq: 02 Feb 2023 13:23

Tgt Ion:178 Resp: 997478  
 Ion Ratio Lower Upper  
 178 100  
 179 16.4 12.1 18.1  
 176 19.3 15.2 22.8





#74

Anthracene

Concen: 42.050 ng/u1

RT: 17.416 min Scan# 2431

Delta R.T. 0.029 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

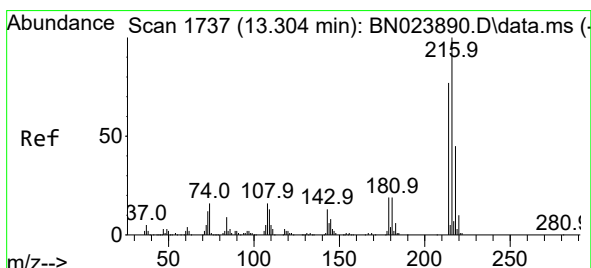
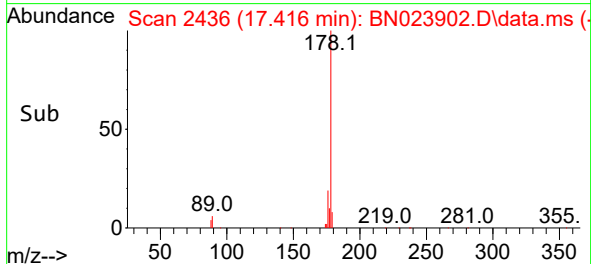
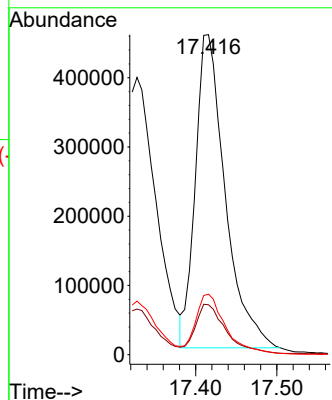
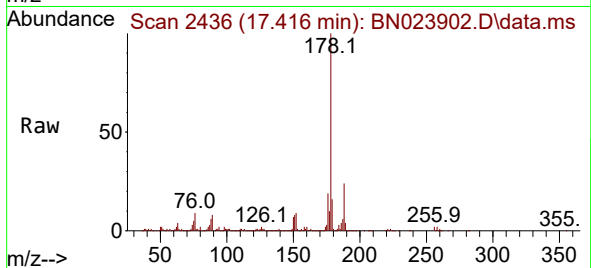
Tgt Ion:178 Resp: 1155562

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.8

176 18.9 14.4 21.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 50.889 ng/uL

RT: 13.304 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

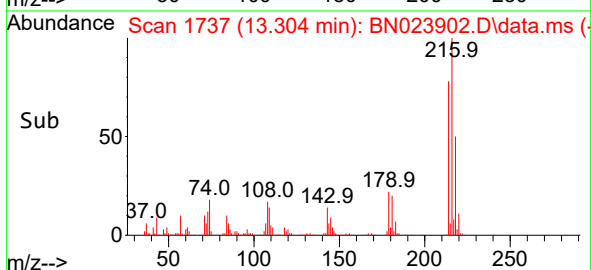
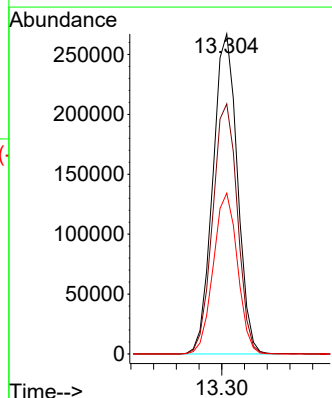
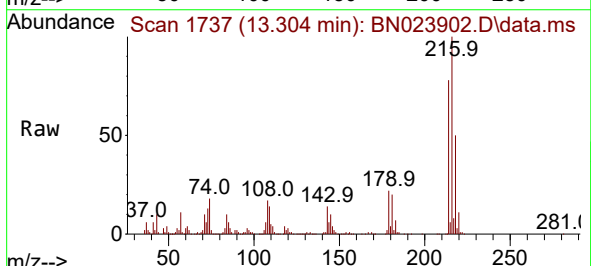
Tgt Ion:216 Resp: 400824

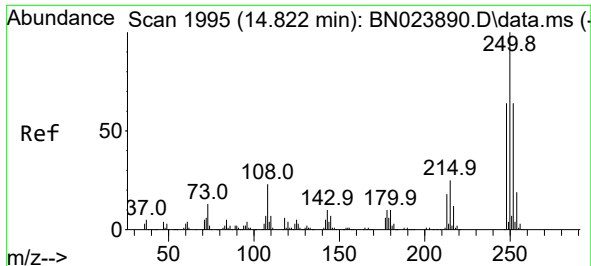
Ion Ratio Lower Upper

216 100

214 78.2 61.9 92.9

218 50.3 36.0 54.0

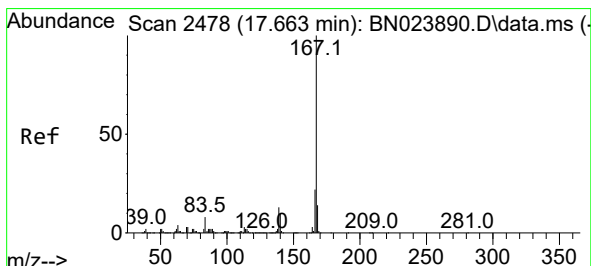
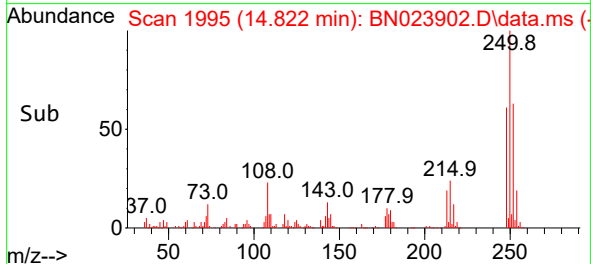
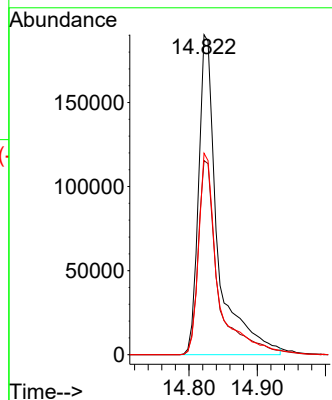
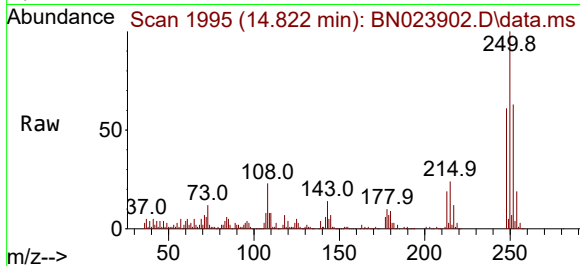




#76  
Pentachlorobenzene  
Concen: 47.572 ng/uL  
RT: 14.822 min Scan# 1995  
Delta R.T. -0.000 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

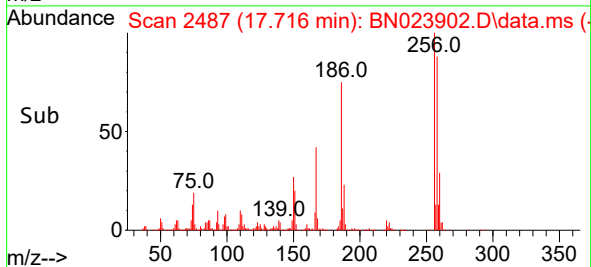
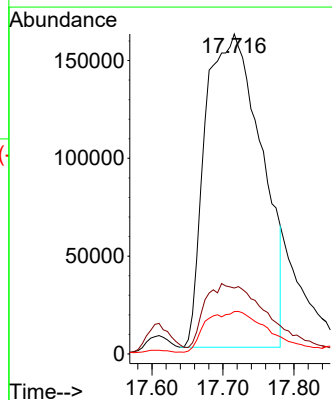
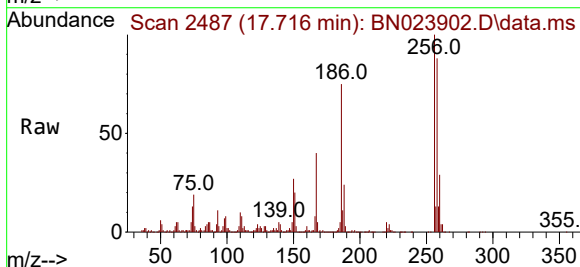
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

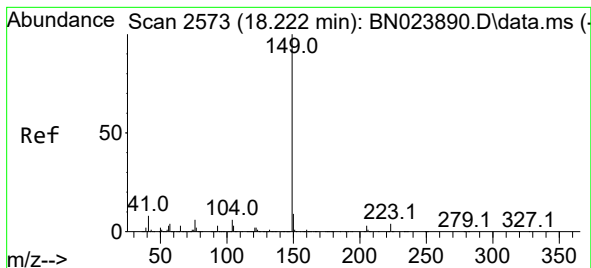
Tgt Ion:250 Resp: 373667  
Ion Ratio Lower Upper  
250 100  
248 60.6 51.2 76.8  
252 63.0 50.8 76.2



#77  
Carbazole  
Concen: 36.399 ng/uL  
RT: 17.716 min Scan# 2487  
Delta R.T. 0.053 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:167 Resp: 876551  
Ion Ratio Lower Upper  
167 100  
166 20.6 17.4 26.2  
139 13.2 10.2 15.4





#78

Di-n-butylphthalate

Concen: 24.102 ng/ul

RT: 18.245 min Scan# 21

Delta R.T. 0.023 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

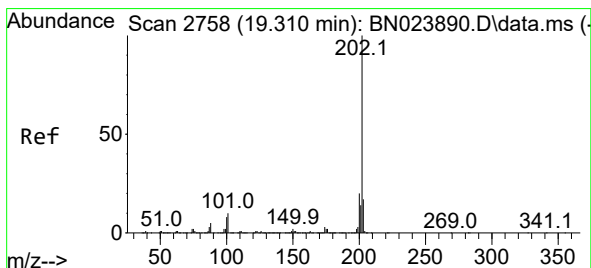
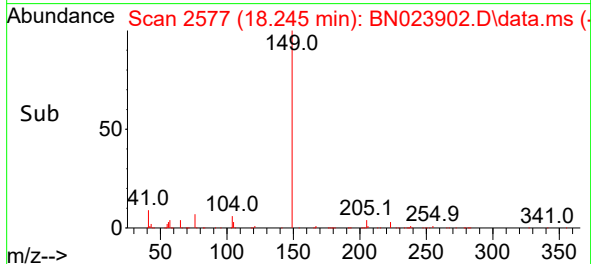
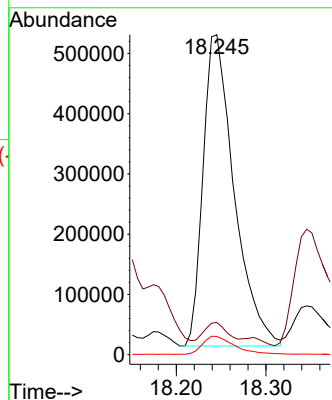
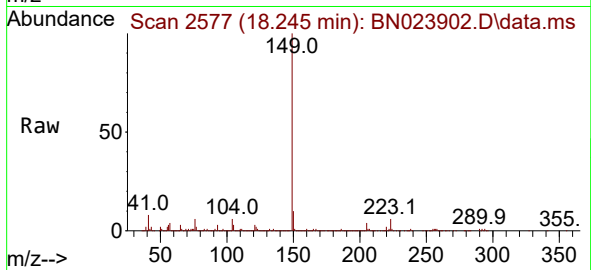
Tgt Ion:149 Resp: 1244022

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

104 5.7 4.6 6.8



#80

Fluoranthene

Concen: 648.042 ng/ul

RT: 19.333 min Scan# 2762

Delta R.T. 0.023 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

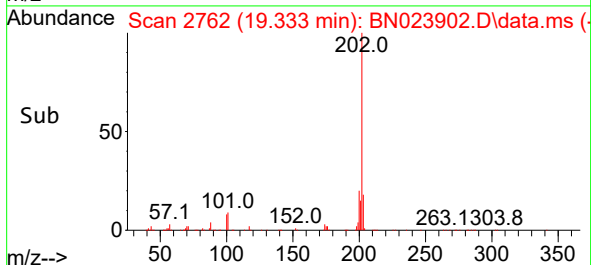
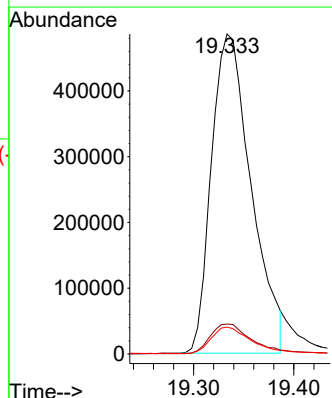
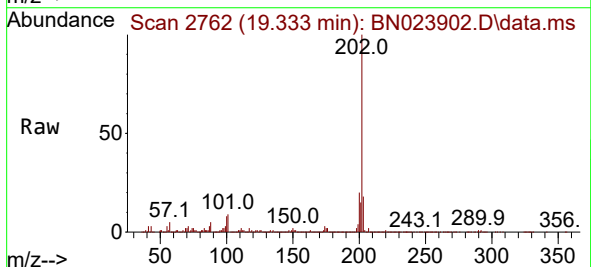
Tgt Ion:202 Resp: 1336462

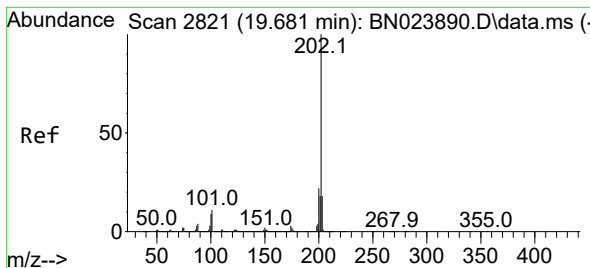
Ion Ratio Lower Upper

202 100

101 9.4 8.2 12.2

100 8.4 6.2 9.4





#82

Pyrene

Concen: 662.021 ng/ul

RT: 19.698 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

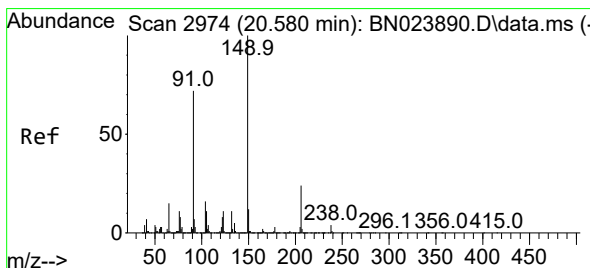
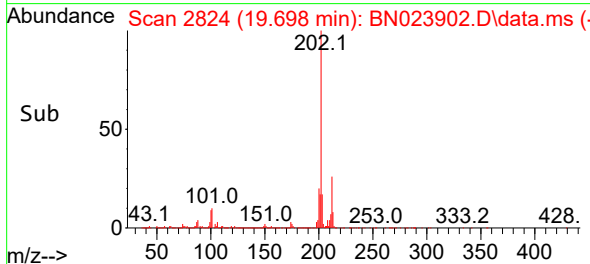
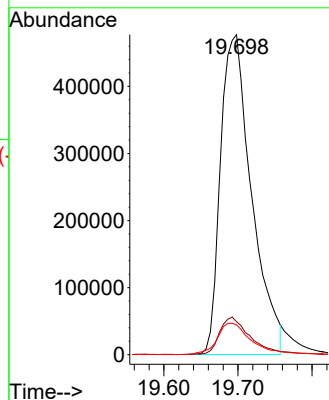
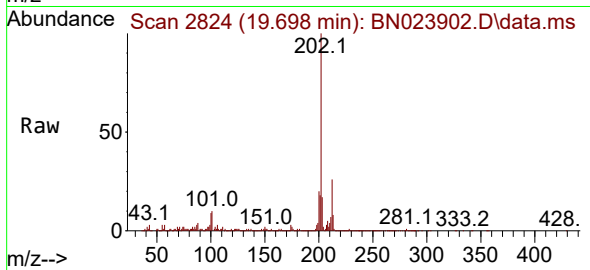
Tgt Ion:202 Resp: 1388696

Ion Ratio Lower Upper

202 100

101 10.3 9.1 13.7

100 9.4 7.4 11.2



#83

Butylbenzylphthalate

Concen: 611.323 ng/ul

RT: 20.598 min Scan# 2977

Delta R.T. 0.018 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

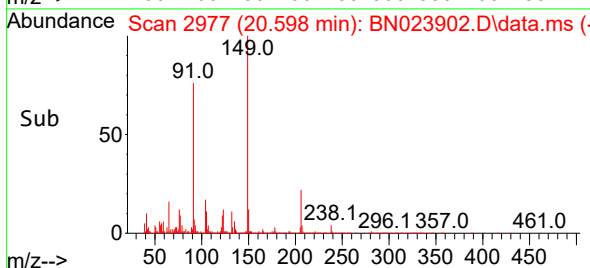
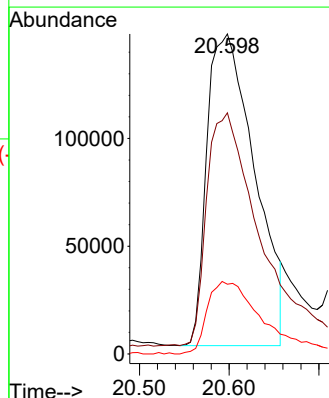
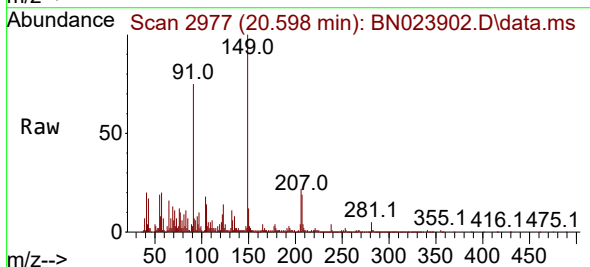
Tgt Ion:149 Resp: 534814

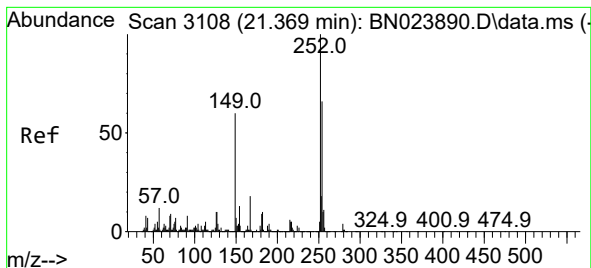
Ion Ratio Lower Upper

149 100

91 75.4 57.9 86.9

206 21.8 19.0 28.4





#84

3,3'-Dichlorobenzidine

Concen: 33.515 ng/ul

RT: 21.369 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

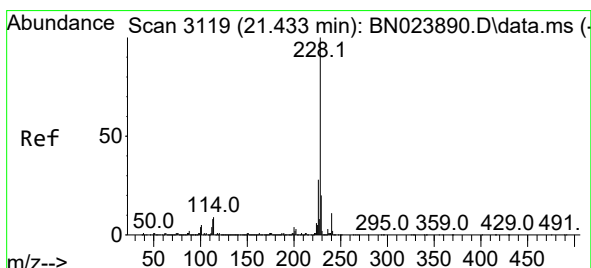
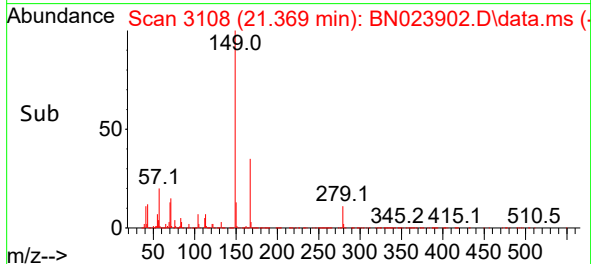
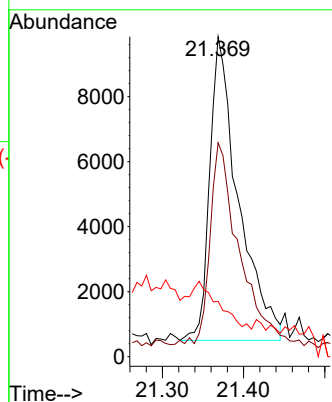
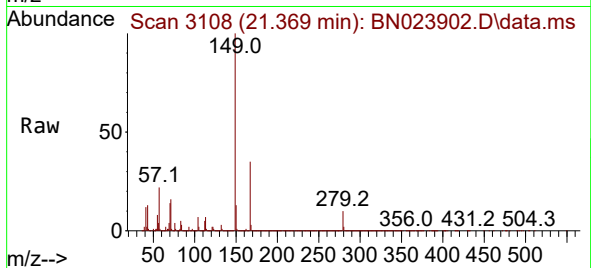
Instrument :

BNA\_N

ClientSampleId :

A4488MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 22904 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 66.9  | 53.0  | 79.6  |
| 126       | 17.3  | 8.1   | 12.1  |



#85

Benzo(a)anthracene

Concen: 38.279 ng/ul

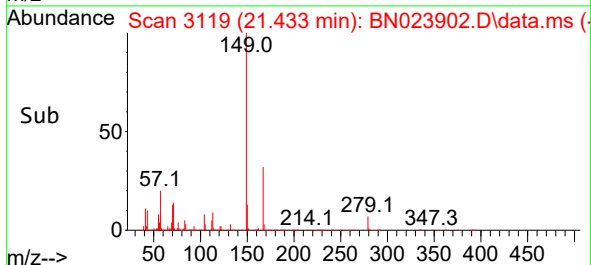
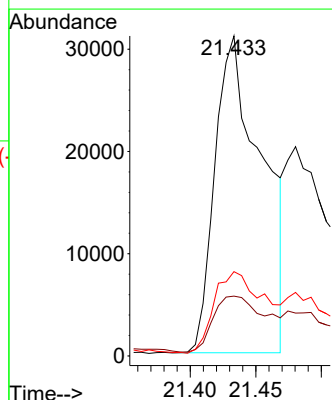
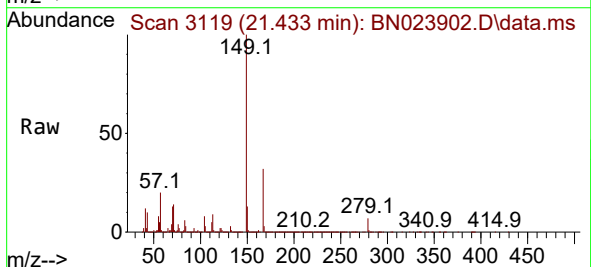
RT: 21.433 min Scan# 3119

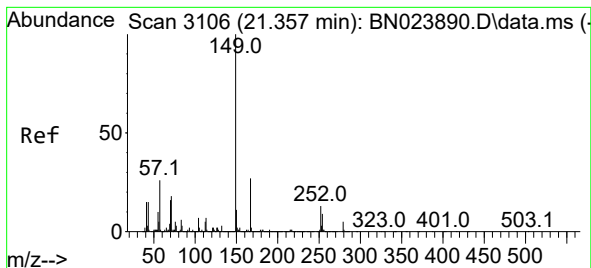
Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 77186 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 229       | 18.7  | 15.6  | 23.4  |
| 226       | 26.4  | 22.1  | 33.1  |

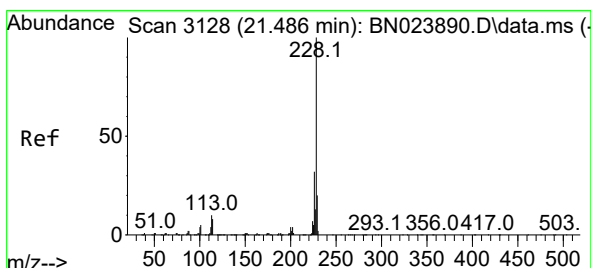
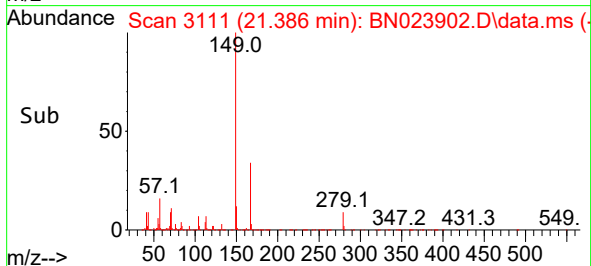
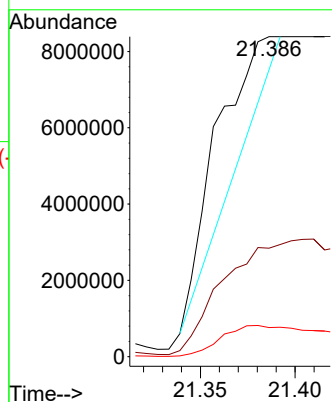
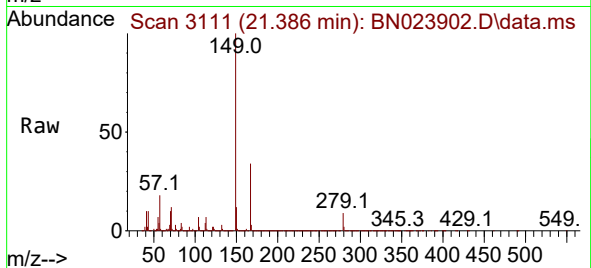




#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4747.404 ng/ul  
 RT: 21.386 min Scan# 3111  
 Delta R.T. 0.029 min  
 Lab File: BN023902.D  
 Acq: 02 Feb 2023 13:23

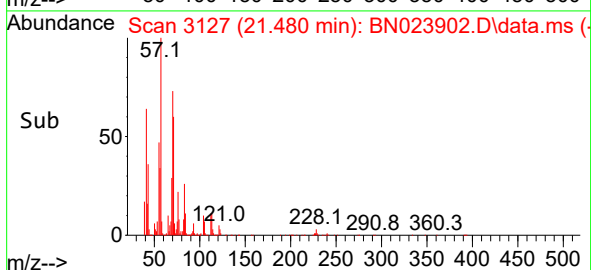
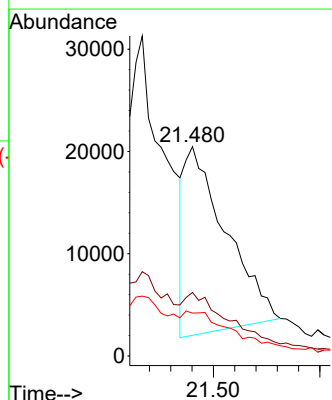
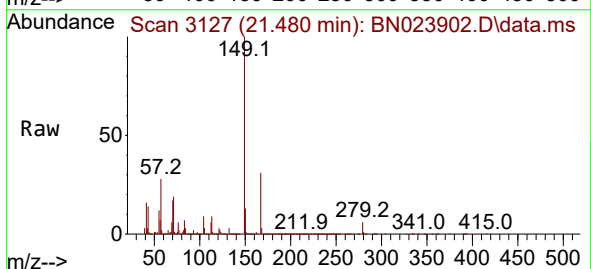
Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4488MSD

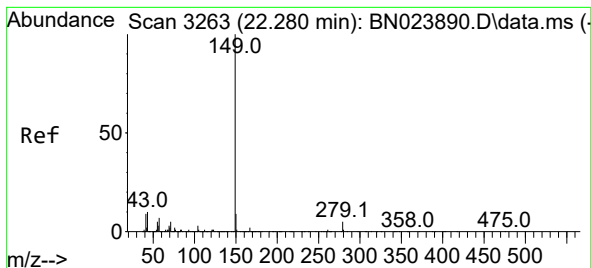
Tgt Ion:149 Resp: 6127213  
 Ion Ratio Lower Upper  
 149 100  
 167 33.9 21.2 31.8#  
 279 9.1 3.8 5.6#



#87  
 Chrysene  
 Concen: 26.534 ng/ul  
 RT: 21.480 min Scan# 3127  
 Delta R.T. -0.006 min  
 Lab File: BN023902.D  
 Acq: 02 Feb 2023 13:23

Tgt Ion:228 Resp: 49369  
 Ion Ratio Lower Upper  
 228 100  
 226 30.4 25.9 38.9  
 229 20.5 16.4 24.6





#89

Di-n-octyl phthalate

Concen: 36.355 ng/ul

RT: 22.298 min Scan# 31

Delta R.T. 0.018 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

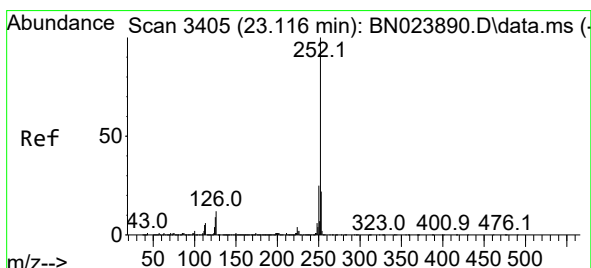
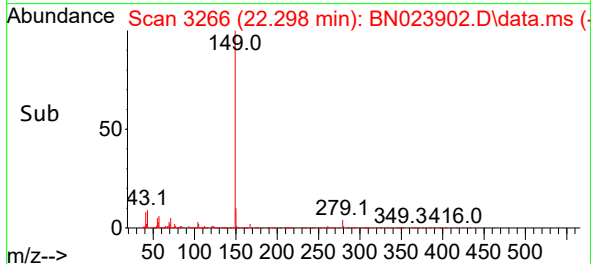
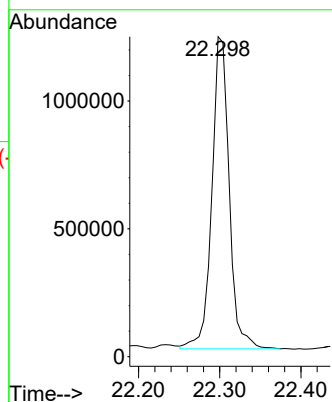
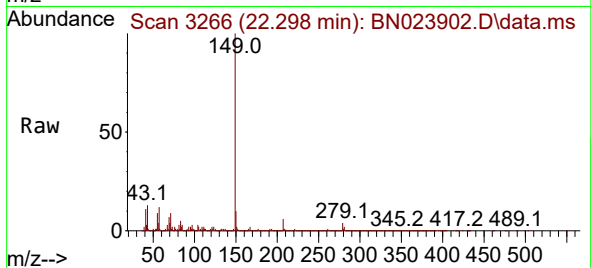
Instrument :

BNA\_N

ClientSampleId :

A4488MSD

Tgt Ion:149 Resp: 1807386



#90

Benzo(b)fluoranthene

Concen: 32.603 ng/ul

RT: 23.151 min Scan# 3411

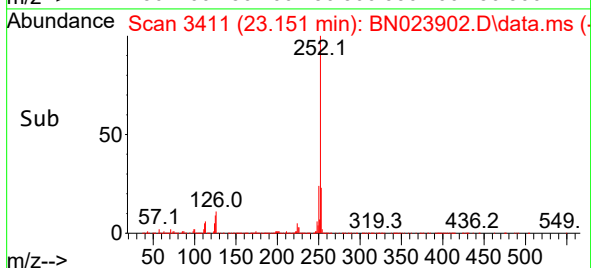
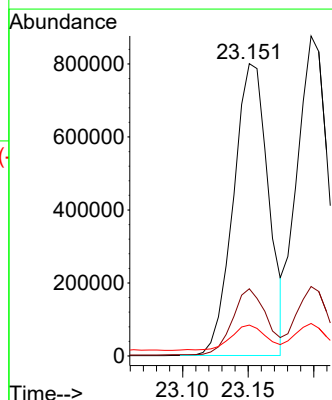
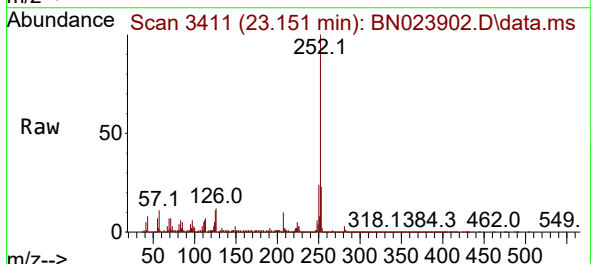
Delta R.T. 0.035 min

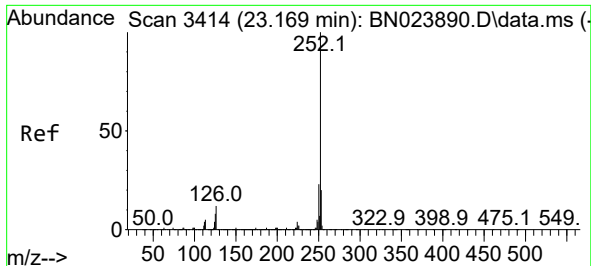
Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Tgt Ion:252 Resp: 1486164

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 17.8  | 26.8  |
| 125 | 10.6  | 7.3   | 10.9  |

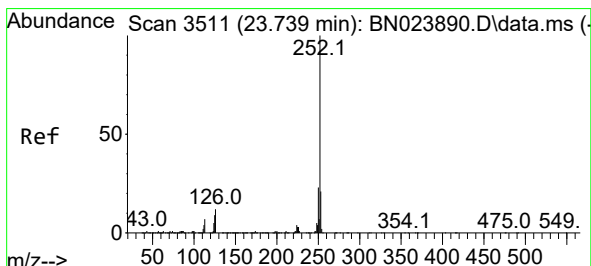
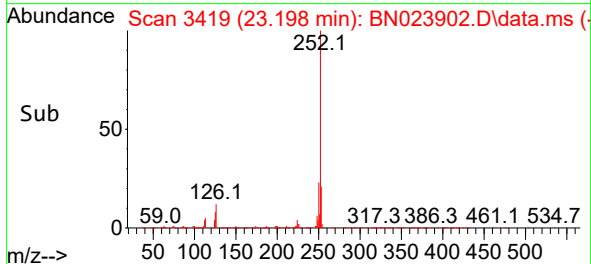
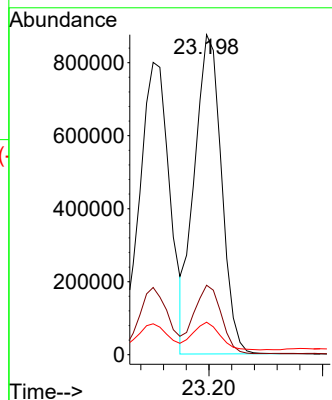
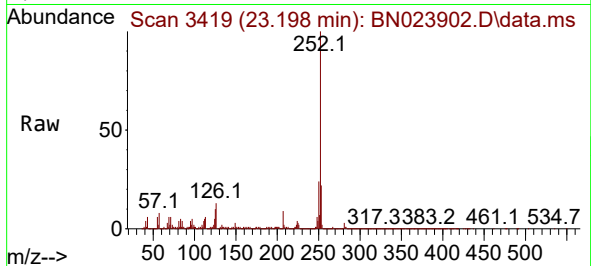




#91  
Benzo(k)fluoranthene  
Concen: 33.613 ng/uI  
RT: 23.198 min Scan# 3414  
Delta R.T. 0.029 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

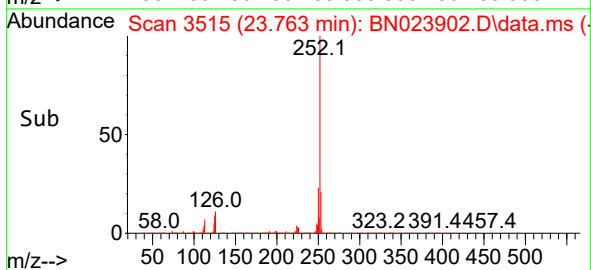
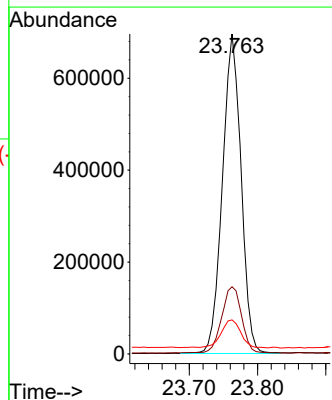
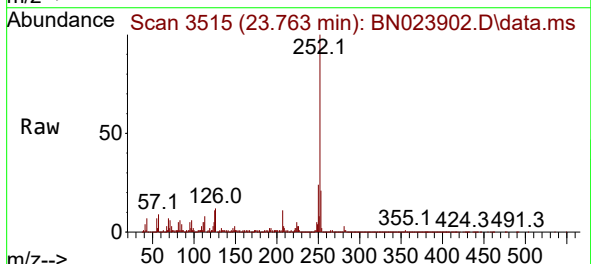
Instrument :  
BNA\_N  
ClientSampleId :  
A4488MSD

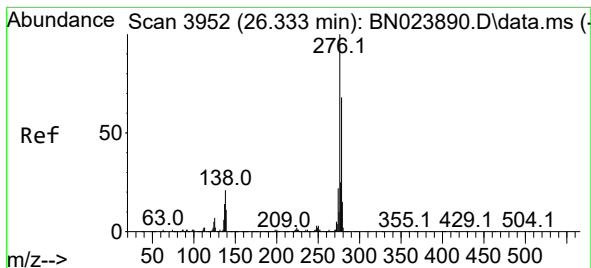
Tgt Ion:252 Resp: 1446895  
Ion Ratio Lower Upper  
252 100  
253 21.7 16.2 24.2  
125 10.2 6.6 9.8#



#93  
Benzo(a)pyrene  
Concen: 34.506 ng/uI  
RT: 23.763 min Scan# 3515  
Delta R.T. 0.023 min  
Lab File: BN023902.D  
Acq: 02 Feb 2023 13:23

Tgt Ion:252 Resp: 1323338  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.1 25.7  
125 10.7 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 37.823 ng/ul

RT: 26.333 min Scan# 3952

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA\_N

ClientSampleId :

A4488MSD

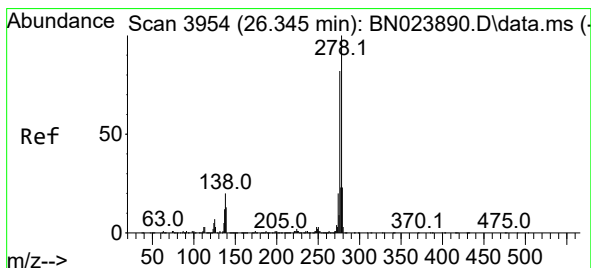
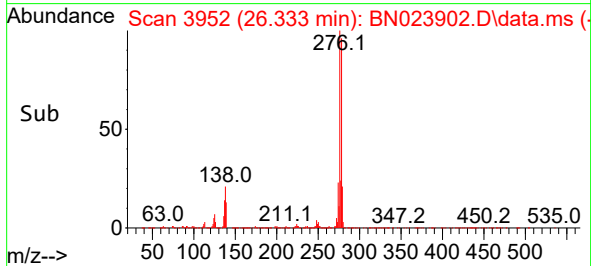
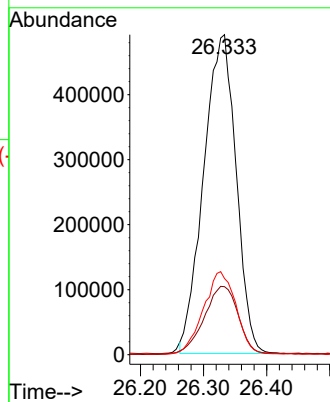
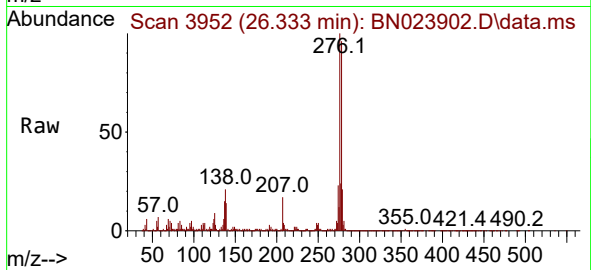
Tgt Ion:276 Resp: 1750352

Ion Ratio Lower Upper

276 100

138 21.2 16.6 25.0

277 23.8 19.7 29.5



#95

Dibenzo(a,h)anthracene

Concen: 39.025 ng/ul

RT: 26.345 min Scan# 3954

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

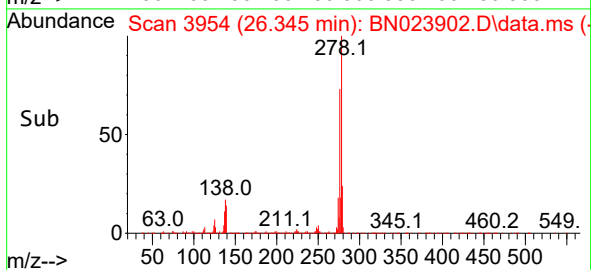
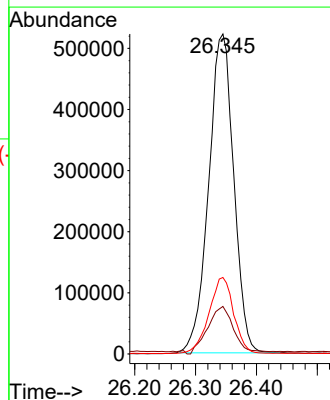
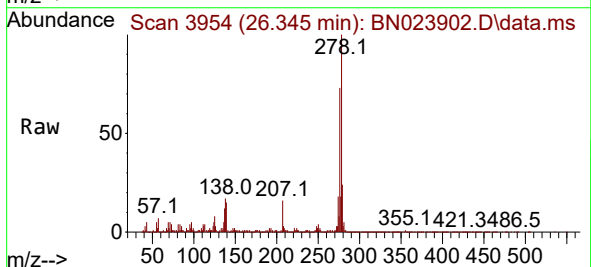
Tgt Ion:278 Resp: 1493630

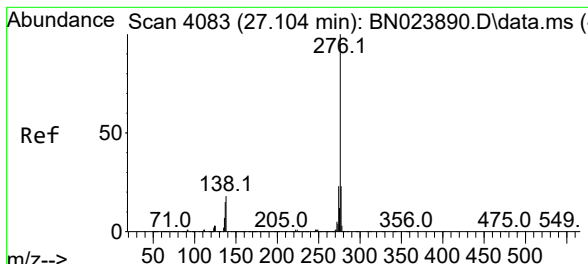
Ion Ratio Lower Upper

278 100

139 14.8 10.8 16.2

279 23.9 18.3 27.5





#96  
 Benzo(g,h,i)perylene  
 Concen: 39.063 ng/ul  
 RT: 27.074 min Scan# 4083  
 Delta R.T. -0.030 min  
 Lab File: BN023902.D  
 Acq: 02 Feb 2023 13:23

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4488MSD

Tgt Ion:276 Resp: 1423418

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 18.1  | 14.6  | 21.8  |
| 277 | 21.1  | 18.8  | 28.2  |

