

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070924\  
 Data File : BF138488.D  
 Acq On : 09 Jul 2024 15:32  
 Operator : CG\JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Jul 09 16:47:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 09 16:32:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 97754    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 378725   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 212055   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 365774   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 163881   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.486 | 264  | 180248   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 701564   | 113.663 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 931282   | 113.419 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 906430   | 117.509 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 227841   | 114.963 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1490809  | 109.877 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.975 | 244  | 1212025  | 120.486 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 161657   | 59.136  | ng    | 100      |
| 3) Pyridine                   | 3.393  | 79   | 399687   | 59.288  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.363  | 42   | 267135   | 60.871  | ng    | 98       |
| 6) Aniline                    | 6.534  | 93   | 438974   | 57.078  | ng    | # 83     |
| 8) 2-Chlorophenol             | 6.663  | 128  | 372237   | 57.034  | ng    | 98       |
| 9) Benzaldehyde               | 6.422  | 77   | 222609   | 50.651  | ng    | 97       |
| 10) Phenol                    | 6.528  | 94   | 492937   | 56.559  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 387034   | 58.982  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 417836   | 56.956  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 421871   | 56.629  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 389240   | 56.099  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 357061   | 57.944  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 737399   | 57.144  | ng    | 98       |
| 17) 2-Methylphenol            | 7.128  | 107  | 311023   | 58.147  | ng    | 97       |
| 18) Hexachloroethane          | 7.381  | 117  | 158058   | 57.713  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.293  | 70   | 284646   | 56.104  | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 374851   | 55.652  | ng    | 89       |
| 22) Acetophenone              | 7.287  | 105  | 524722   | 57.046  | ng    | 99       |
| 24) Nitrobenzene              | 7.457  | 77   | 458354   | 58.472  | ng    | 96       |
| 25) Isophorone                | 7.692  | 82   | 781768   | 59.016  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 208557   | 62.076  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 245047   | 59.344  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 460383   | 58.153  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 315738   | 58.882  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 357960   | 57.304  | ng    | 98       |
| 31) Naphthalene               | 8.175  | 128  | 1121083  | 56.917  | ng    | 99       |
| 32) Benzoic acid              | 7.951  | 122  | 263780   | 67.304  | ng    | 98       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 413346   | 59.810  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.287  | 225  | 220913   | 57.430  | ng    | 98       |
| 35) Caprolactam               | 8.616  | 113  | 103786   | 59.950  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 349848   | 58.277  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 721435   | 56.916  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 700337   | 56.613  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 339026   | 57.364  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 124426   | 64.862  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 223022   | 59.158  | ng    | 99       |

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 ALS Vial : 8 Sample Multiplier: 1

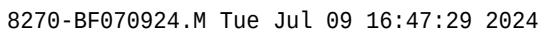
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

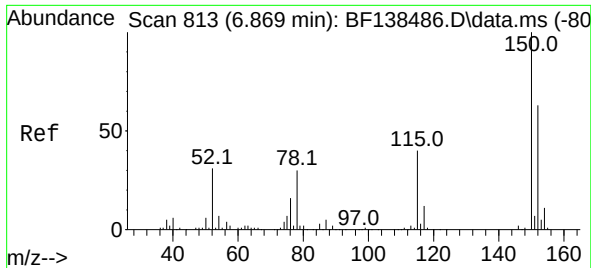
Quant Time: Jul 09 16:47:15 2024  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 241979   | 58.358 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 909988   | 56.625 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 694677   | 57.220 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 252235   | 59.955 | ng    | 93       |
| 49) Acenaphthylene            | 9.769  | 152  | 979302   | 56.815 | ng    | 100      |
| 50) Dimethylphthalate         | 9.634  | 163  | 789687   | 57.591 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 188184   | 59.606 | ng    | # 83     |
| 52) Acenaphthene              | 9.939  | 154  | 647335   | 56.498 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 191871   | 59.296 | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 100985   | 60.790 | ng    | 96       |
| 55) Dibenzofuran              | 10.110 | 168  | 931278   | 56.037 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.028 | 139  | 148079   | 62.020 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 244587   | 59.876 | ng    | 98       |
| 58) Fluorene                  | 10.457 | 166  | 730314   | 55.538 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232  | 194212   | 59.348 | ng    | 99       |
| 60) Diethylphthalate          | 10.328 | 149  | 757516   | 57.306 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 364361   | 55.181 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 195410   | 60.264 | ng    | 97       |
| 63) Azobenzene                | 10.604 | 77   | 811488   | 57.099 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 141131   | 66.823 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 624543   | 56.990 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 216999   | 57.721 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.998 | 284  | 238140   | 57.019 | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 205357   | 56.520 | ng    | 98       |
| 70) Pentachlorophenol         | 11.192 | 266  | 157737   | 63.826 | ng    | 96       |
| 71) Phenanthrene              | 11.416 | 178  | 1038682  | 56.208 | ng    | 99       |
| 72) Anthracene                | 11.469 | 178  | 1023399  | 55.791 | ng    | 99       |
| 73) Carbazole                 | 11.622 | 167  | 927164   | 56.243 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.945 | 149  | 1087670  | 57.241 | ng    | 99       |
| 75) Fluoranthene              | 12.604 | 202  | 1032505  | 54.757 | ng    | 100      |
| 77) Benzidine                 | 12.722 | 184  | 206318   | 49.899 | ng    | 99       |
| 78) Pyrene                    | 12.833 | 202  | 1033064  | 62.098 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.445 | 149  | 315735   | 63.091 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.016 | 228  | 638802   | 58.092 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.974 | 252  | 163958   | 57.864 | ng    | # 96     |
| 83) Chrysene                  | 14.051 | 228  | 605378   | 58.194 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 341723   | 64.025 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.610 | 149  | 551716   | 65.434 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 758224   | 62.625 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.063 | 252  | 551925   | 54.371 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.092 | 252  | 541626   | 54.709 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.427 | 252  | 514712   | 57.721 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.986 | 278  | 611983   | 61.792 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.421 | 276  | 655813   | 62.447 | ng    | 97       |

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

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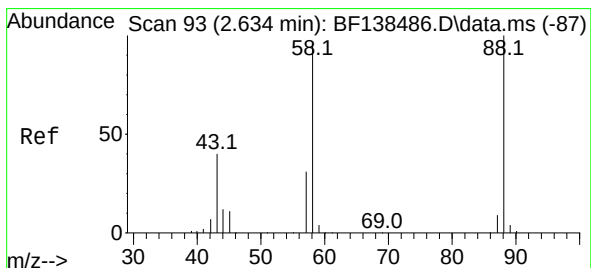
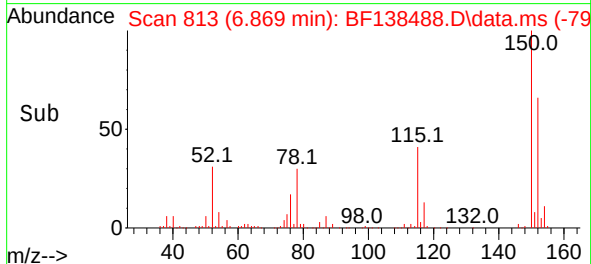
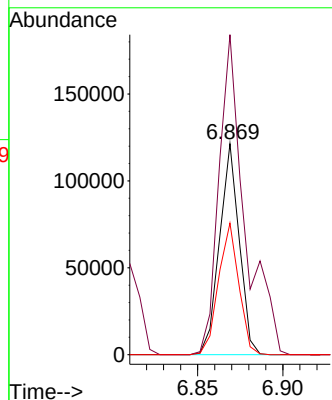
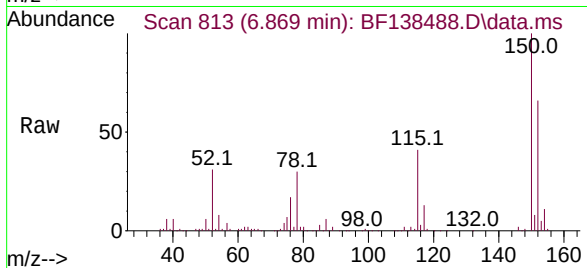




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF138488.D  
 Acq: 09 Jul 2024 15:32

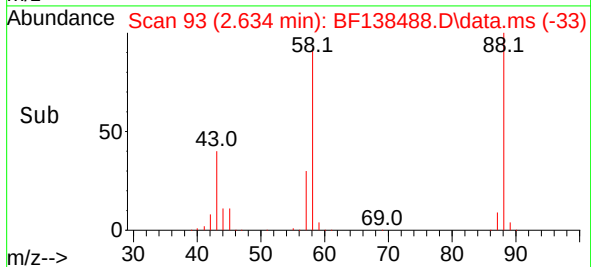
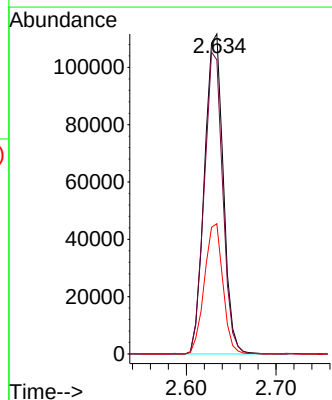
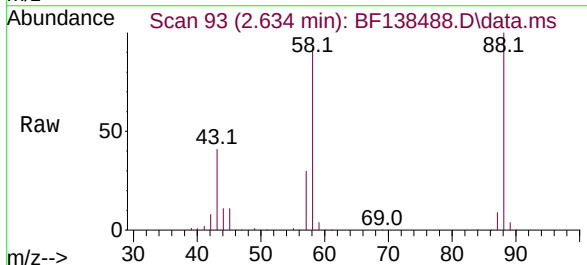
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

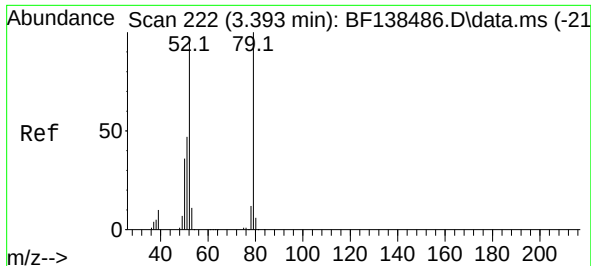
Tgt Ion:152 Resp: 97754  
 Ion Ratio Lower Upper  
 152 100  
 150 151.6 126.2 189.4  
 115 62.3 50.3 75.5



#2  
 1,4-Dioxane  
 Concen: 59.136 ng  
 RT: 2.634 min Scan# 93  
 Delta R.T. 0.000 min  
 Lab File: BF138488.D  
 Acq: 09 Jul 2024 15:32

Tgt Ion: 88 Resp: 161657  
 Ion Ratio Lower Upper  
 88 100  
 58 93.1 74.6 112.0  
 43 40.4 31.8 47.6





#3

Pyridine

Concen: 59.288 ng

RT: 3.393 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

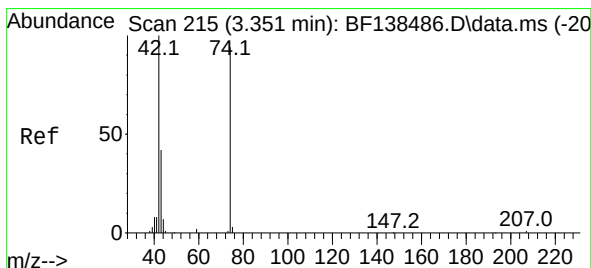
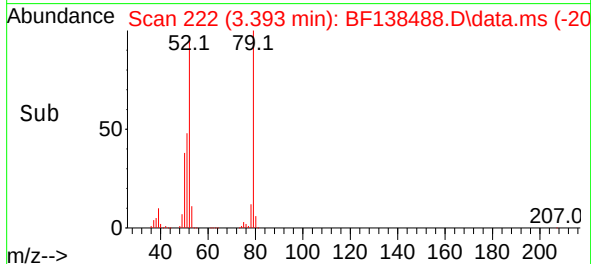
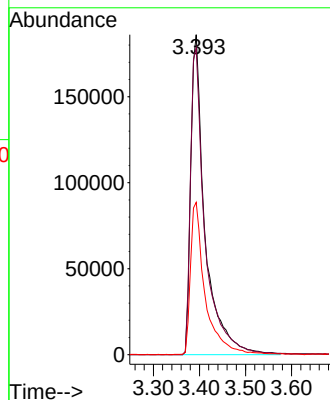
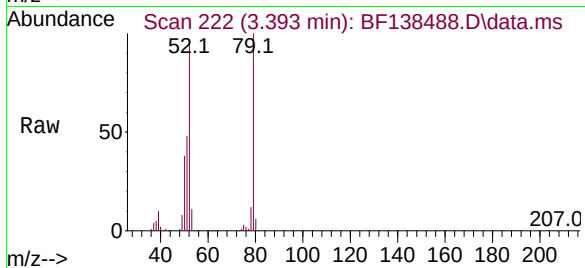
Tgt Ion: 79 Resp: 399687

Ion Ratio Lower Upper

79 100

52 95.8 77.4 116.2

51 47.6 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 60.871 ng

RT: 3.363 min Scan# 217

Delta R.T. 0.012 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

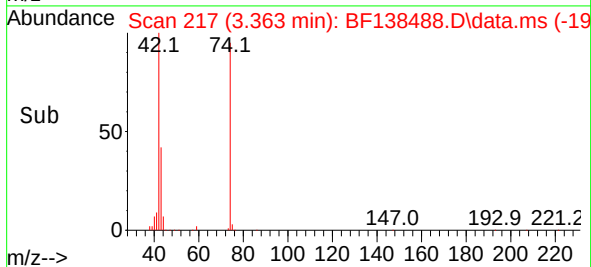
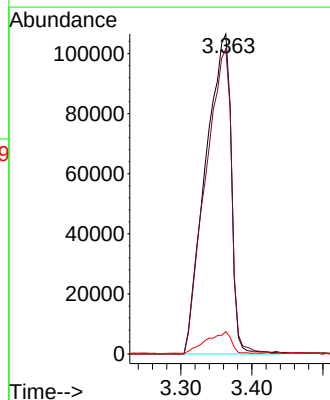
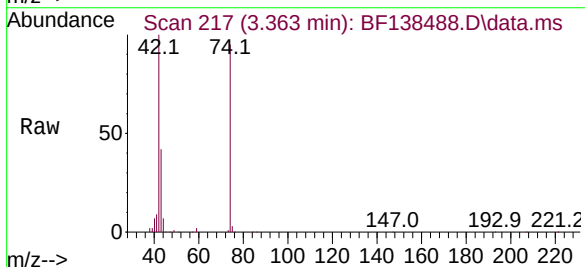
Tgt Ion: 42 Resp: 267135

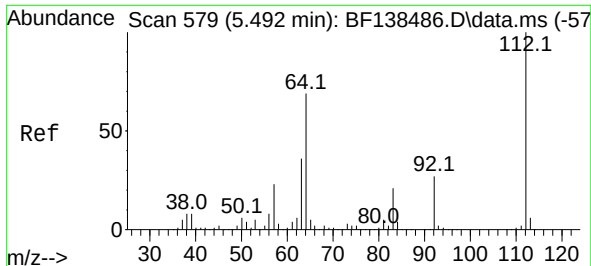
Ion Ratio Lower Upper

42 100

74 95.4 75.0 112.6

44 7.0 5.4 8.2

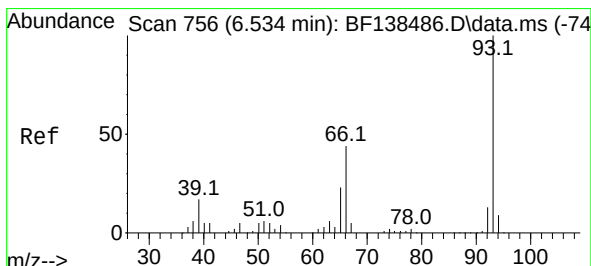
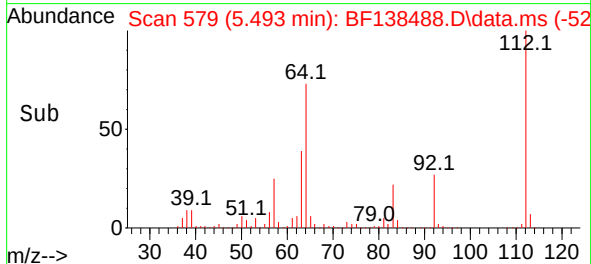
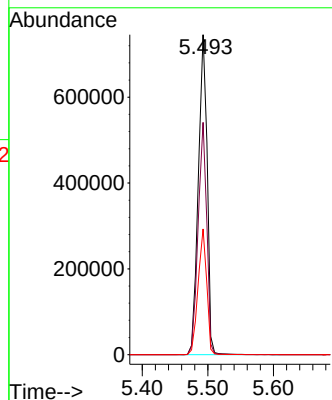
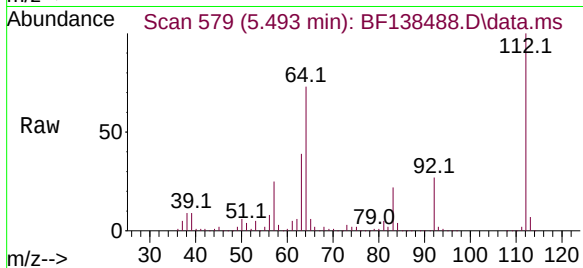




#5  
2-Fluorophenol  
Concen: 113.663 ng  
RT: 5.493 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

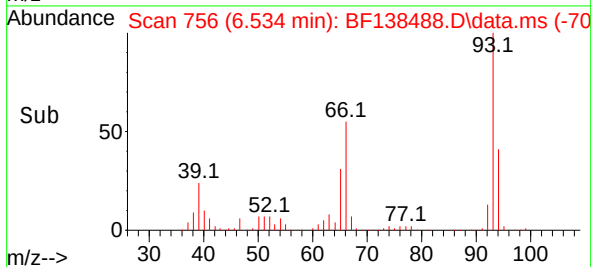
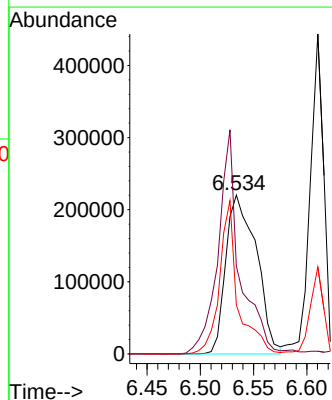
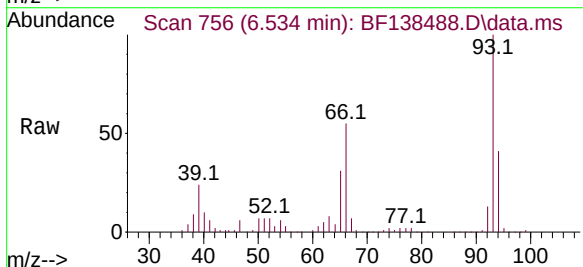
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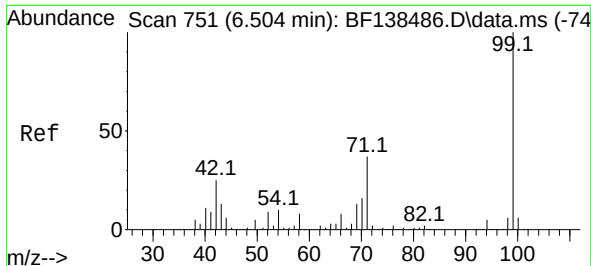
Tgt Ion:112 Resp: 701564  
Ion Ratio Lower Upper  
112 100  
64 72.6 55.1 82.7  
63 39.3 29.0 43.6



#6  
Aniline  
Concen: 57.078 ng  
RT: 6.534 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion: 93 Resp: 438974  
Ion Ratio Lower Upper  
93 100  
66 55.4 35.4 53.0#  
65 30.8 18.6 27.8#

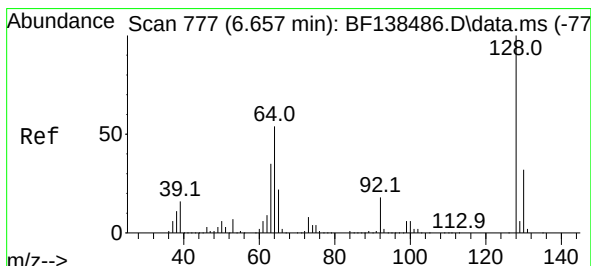
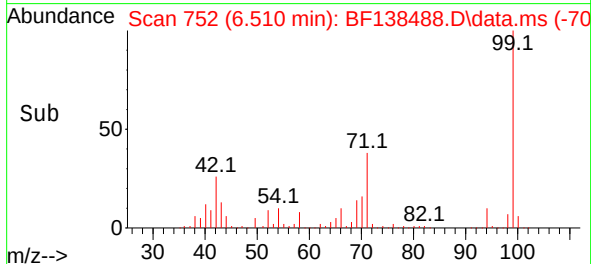
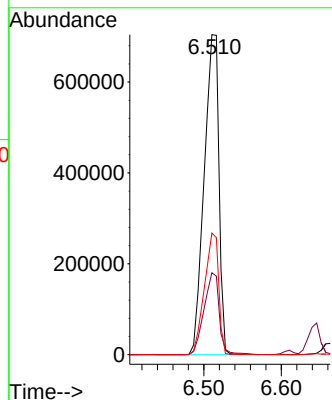
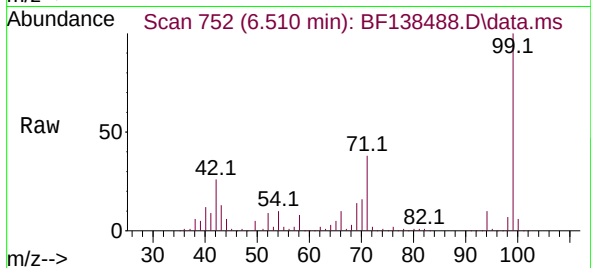




#7  
Phenol-d6  
Concen: 113.419 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

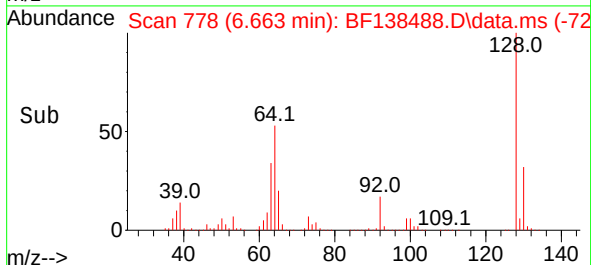
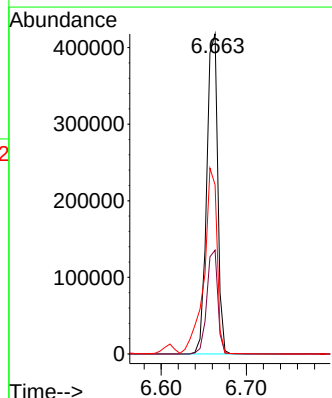
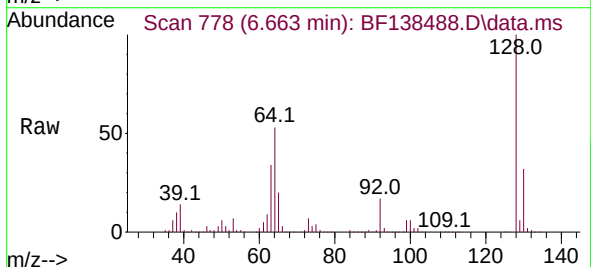
Instrument :  
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ClientSampleId :  
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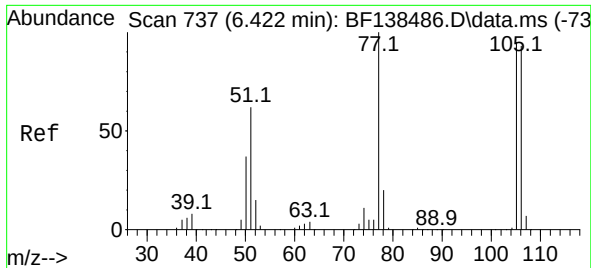
Tgt Ion: 99 Resp: 931282  
Ion Ratio Lower Upper  
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42 25.6 19.7 29.5  
71 38.0 29.9 44.9



#8  
2-Chlorophenol  
Concen: 57.034 ng  
RT: 6.663 min Scan# 778  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:128 Resp: 372237  
Ion Ratio Lower Upper  
128 100  
130 32.4 12.1 52.1  
64 52.9 34.4 74.4





#9

Benzaldehyde

Concen: 50.651 ng

RT: 6.422 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

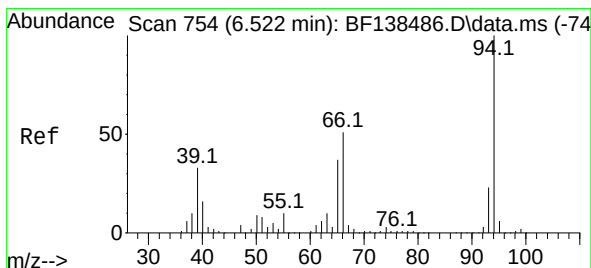
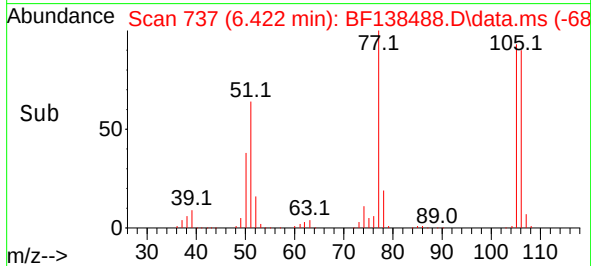
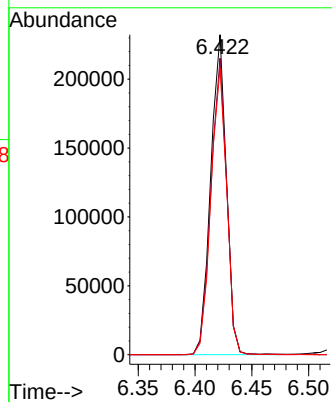
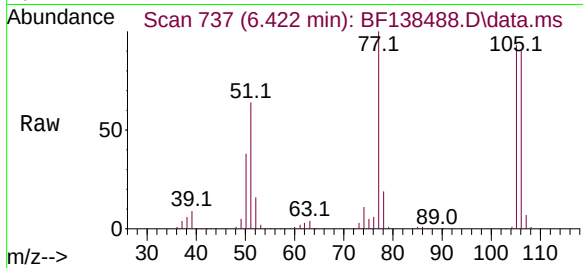
Tgt Ion: 77 Resp: 222609

Ion Ratio Lower Upper

77 100

105 92.6 75.1 115.1

106 89.6 73.2 113.2



#10

Phenol

Concen: 56.559 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

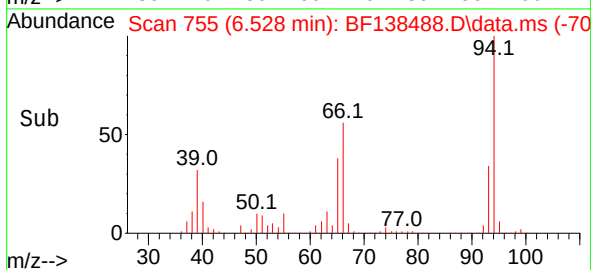
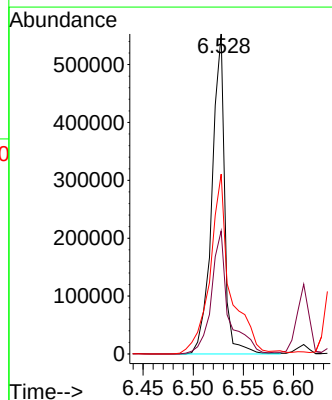
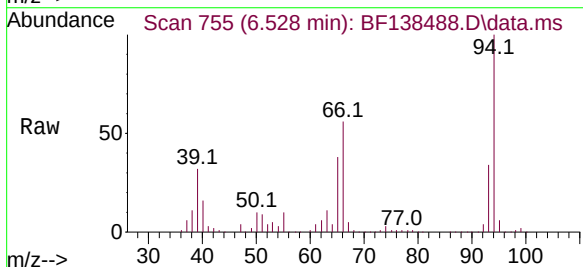
Tgt Ion: 94 Resp: 492937

Ion Ratio Lower Upper

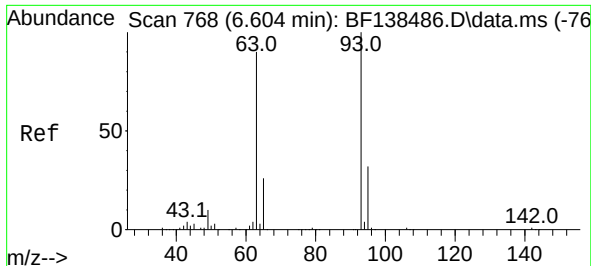
94 100

65 38.5 16.7 56.7

66 56.2 31.2 71.2







#11

bis(2-Chloroethyl)ether

Concen: 58.982 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

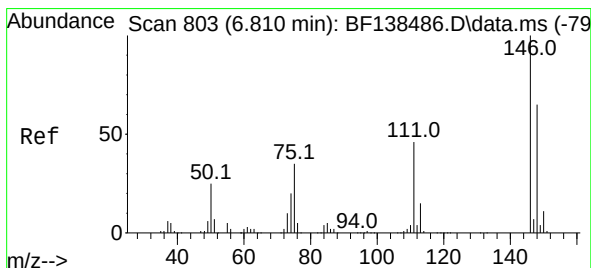
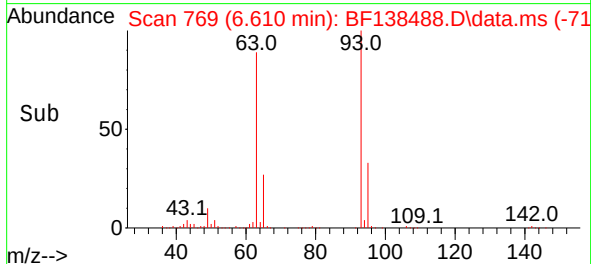
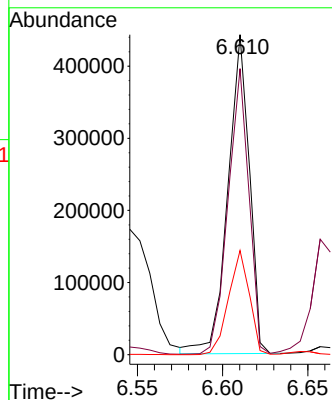
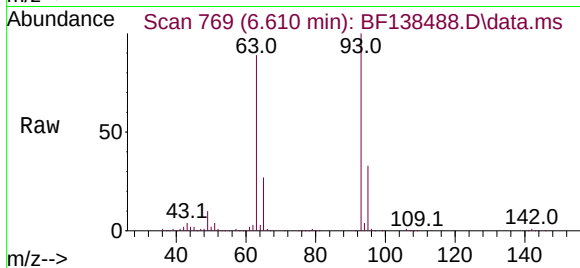
Tgt Ion: 93 Resp: 387034

Ion Ratio Lower Upper

93 100

63 89.4 68.8 108.8

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 56.956 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

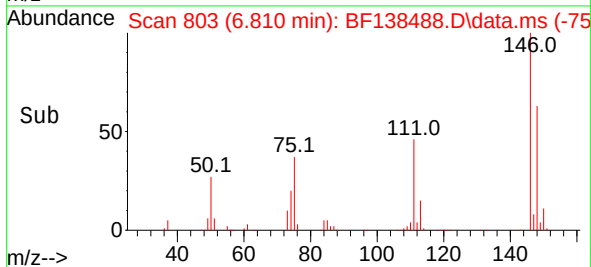
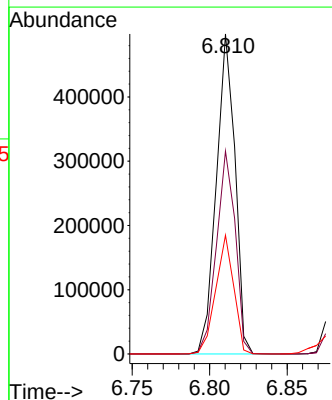
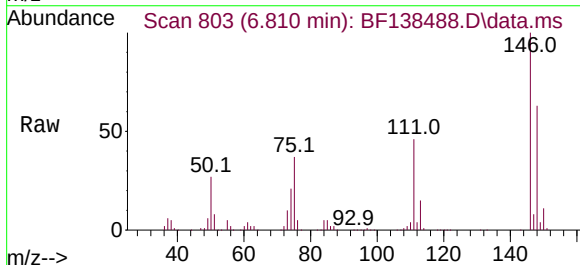
Tgt Ion: 146 Resp: 417836

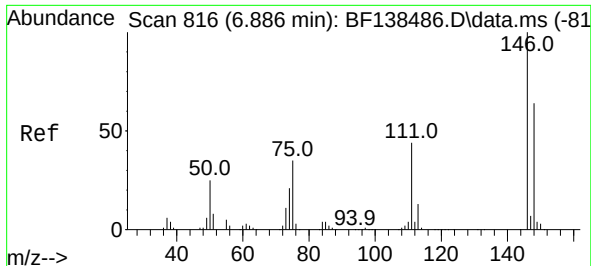
Ion Ratio Lower Upper

146 100

148 63.4 52.4 78.6

75 37.1 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 56.629 ng

RT: 6.887 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

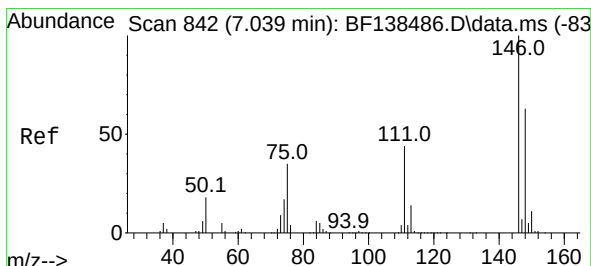
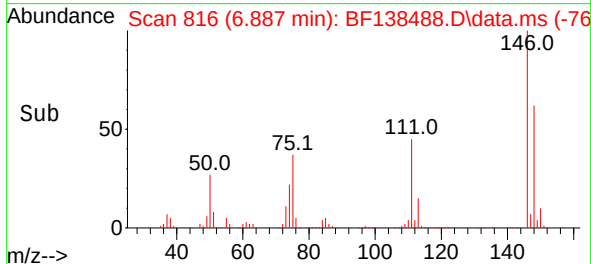
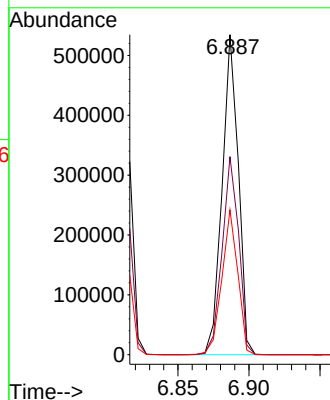
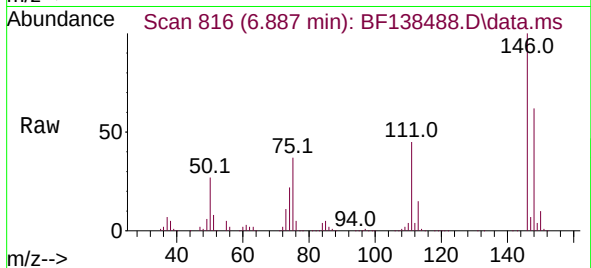
Tgt Ion:146 Resp: 421871

Ion Ratio Lower Upper

146 100

148 61.9 51.6 77.4

111 45.3 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 56.099 ng

RT: 7.040 min Scan# 842

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

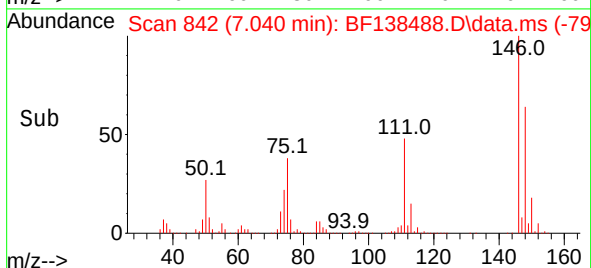
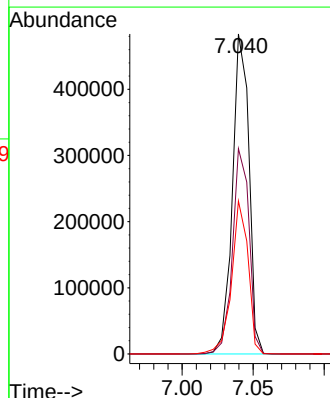
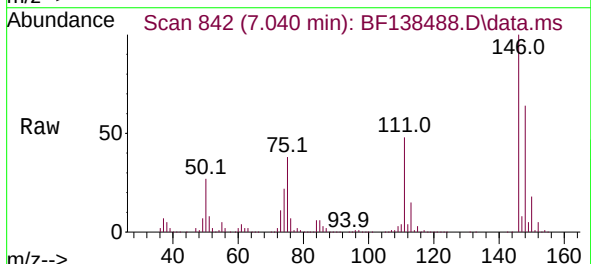
Tgt Ion:146 Resp: 389240

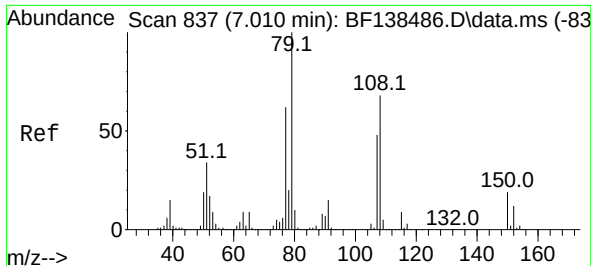
Ion Ratio Lower Upper

146 100

148 64.1 50.1 75.1

111 47.8 35.5 53.3

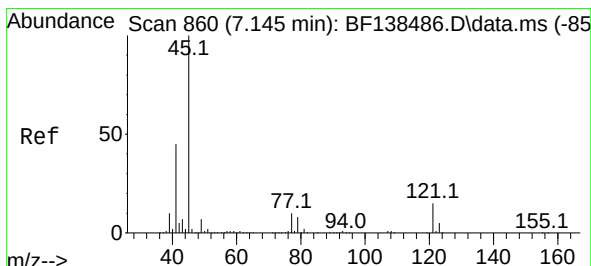
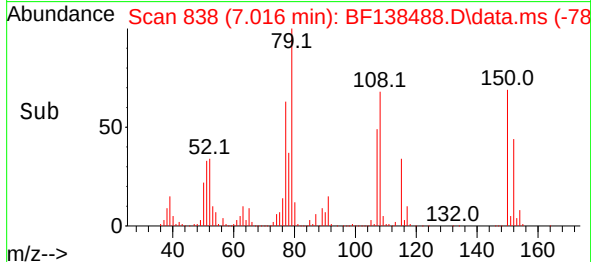
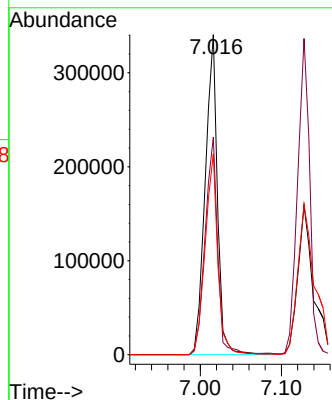
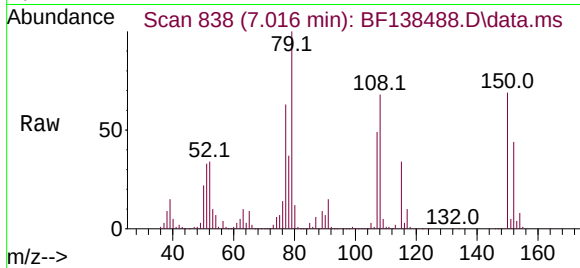




#15  
Benzyl Alcohol  
Concen: 57.944 ng  
RT: 7.016 min Scan# 837  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

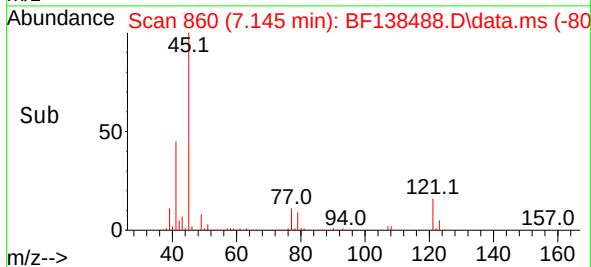
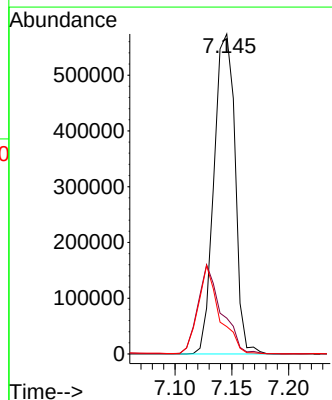
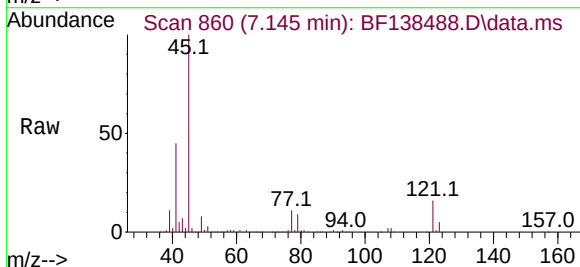
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

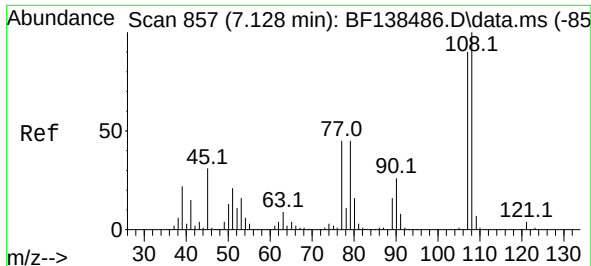
Tgt Ion: 79 Resp: 357061  
Ion Ratio Lower Upper  
79 100  
108 68.0 54.3 81.5  
77 62.8 50.0 75.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 57.144 ng  
RT: 7.145 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion: 45 Resp: 737399  
Ion Ratio Lower Upper  
45 100  
77 11.2 0.0 30.4  
79 8.6 0.0 28.1





#17  
2-Methylphenol  
Concen: 58.147 ng  
RT: 7.128 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

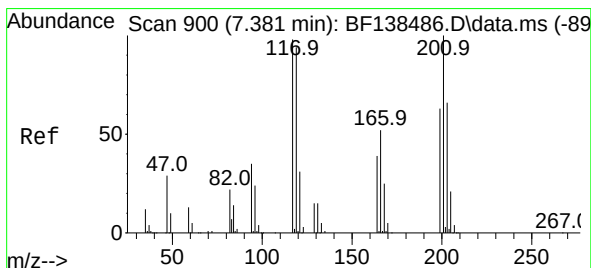
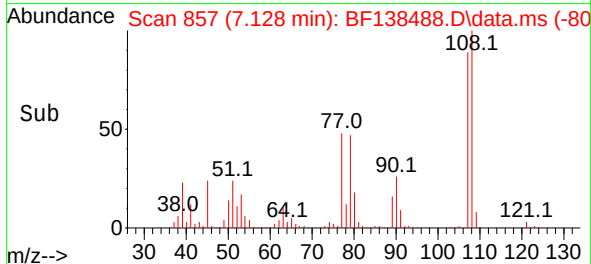
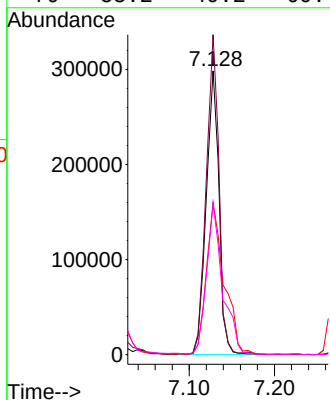
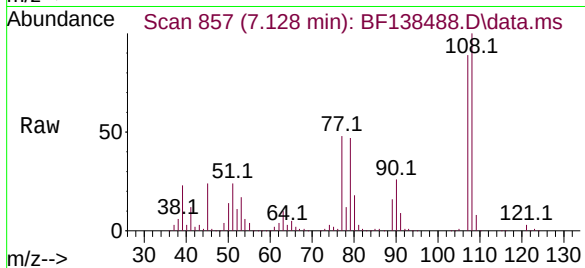
Instrument :

BNA\_F

ClientSampleId :

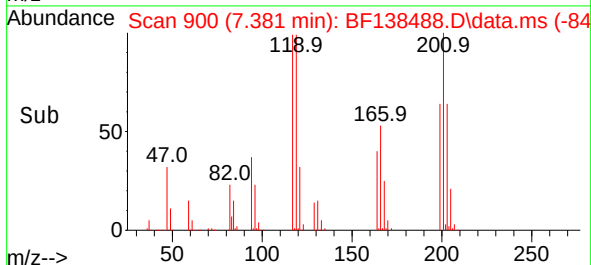
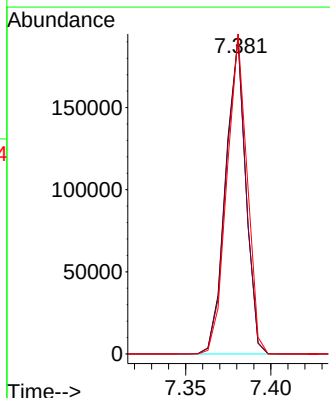
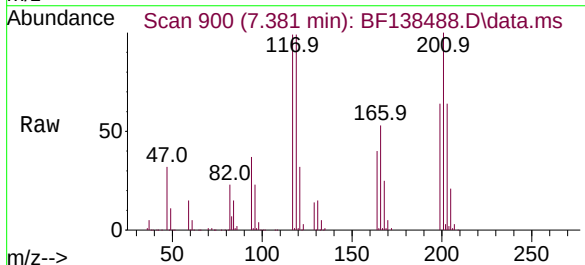
SSTDICC060

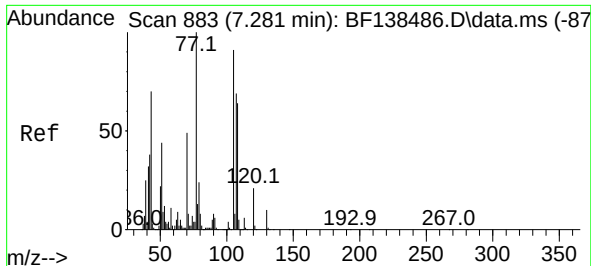
Tgt Ion:107 Resp: 311023  
Ion Ratio Lower Upper  
107 100  
108 112.8 89.0 133.4  
77 53.6 40.3 60.5  
79 53.2 40.2 60.4



#18  
Hexachloroethane  
Concen: 57.713 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:117 Resp: 158058  
Ion Ratio Lower Upper  
117 100  
119 99.8 76.6 114.8  
201 101.0 81.4 122.0





#19

n-Nitroso-di-n-propylamine

Concen: 56.104 ng

RT: 7.293 min Scan# 885

Delta R.T. 0.012 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 284646

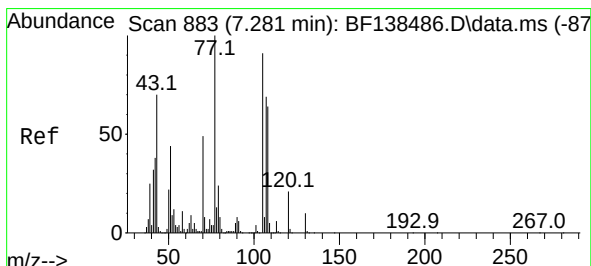
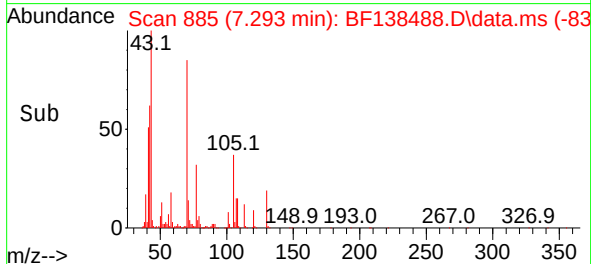
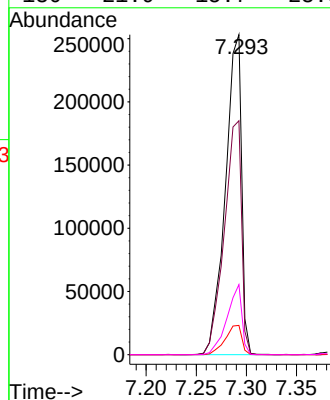
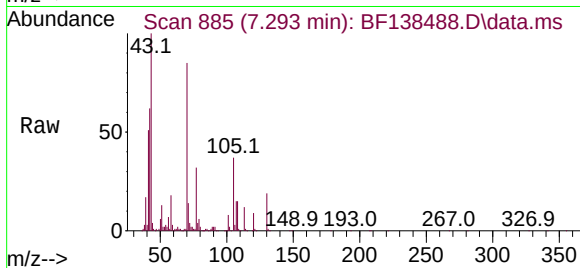
Ion Ratio Lower Upper

70 100

42 73.1 62.4 93.6

101 9.2 7.2 10.8

130 21.9 15.7 23.5



#20

3+4-Methylphenols

Concen: 55.652 ng

RT: 7.281 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Tgt Ion:107 Resp: 374851

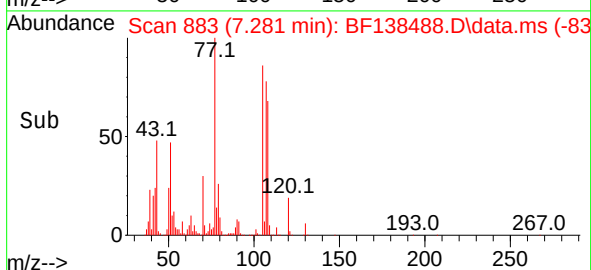
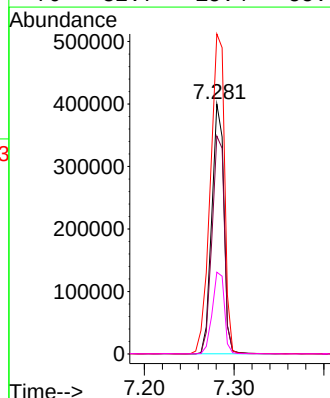
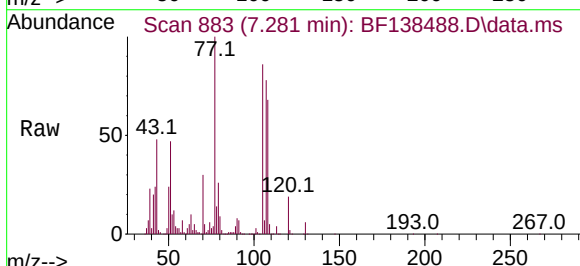
Ion Ratio Lower Upper

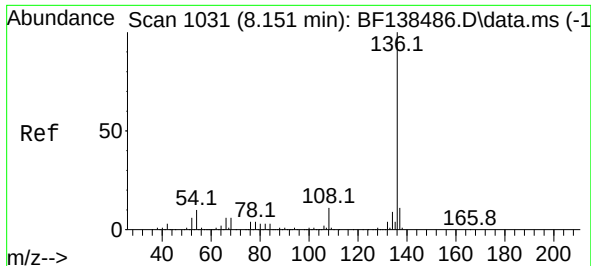
107 100

108 87.2 73.7 113.7

77 128.0 126.0 166.0

79 32.7 15.4 55.4

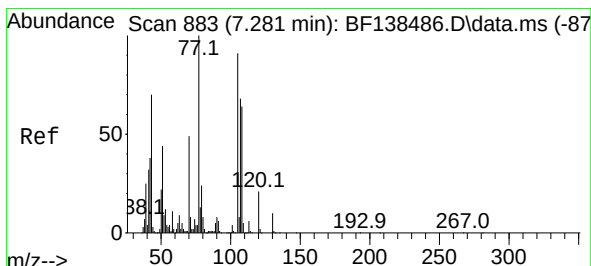
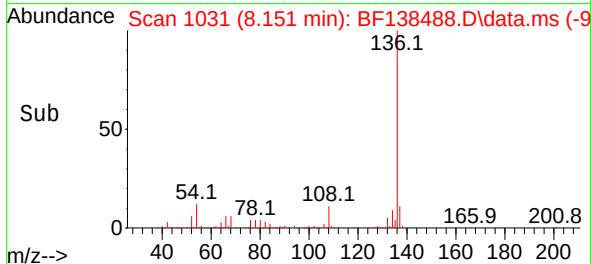
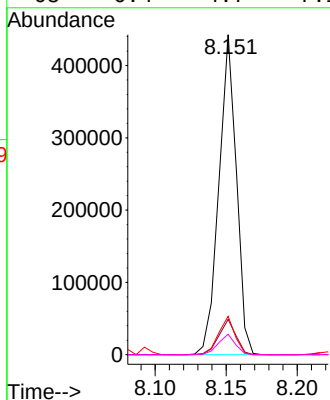
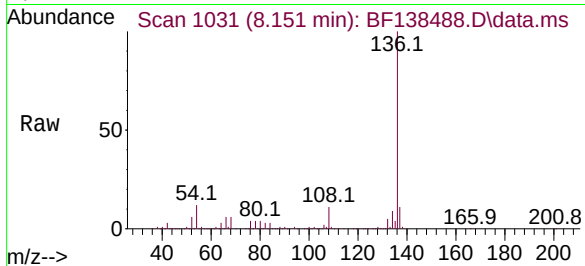




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

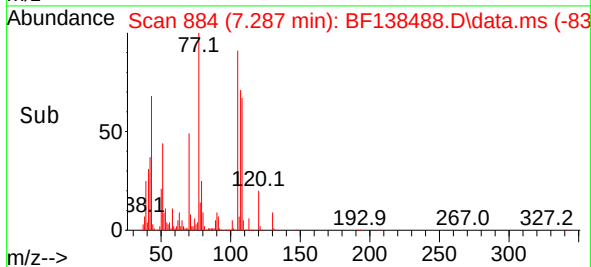
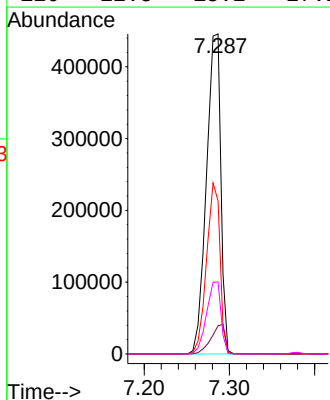
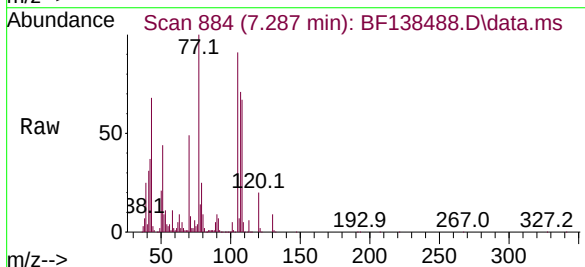
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

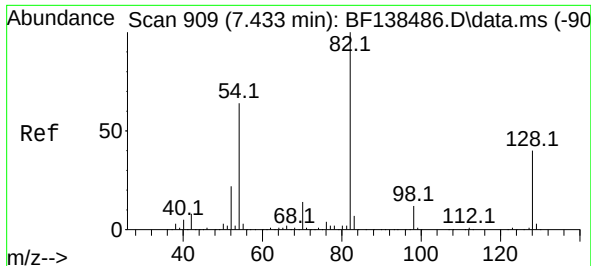
Tgt Ion:136 Resp: 378725  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.5 12.7  
54 12.0 8.1 12.1  
68 6.4 4.7 7.1



#22  
Acetophenone  
Concen: 57.046 ng  
RT: 7.287 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:105 Resp: 524722  
Ion Ratio Lower Upper  
105 100  
71 8.8 7.4 11.2  
51 47.9 38.7 58.1  
120 22.5 18.2 27.2





#23

Nitrobenzene-d5

Concen: 117.509 ng

RT: 7.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

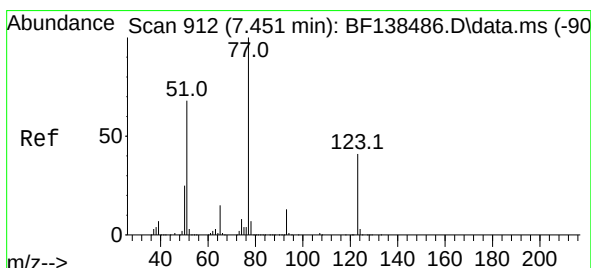
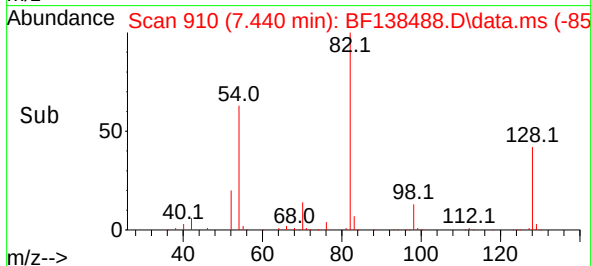
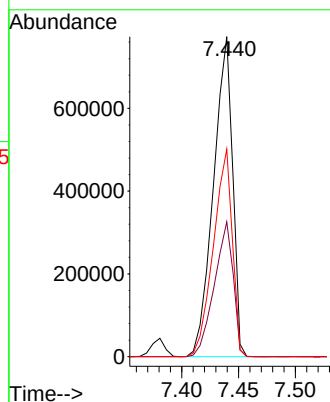
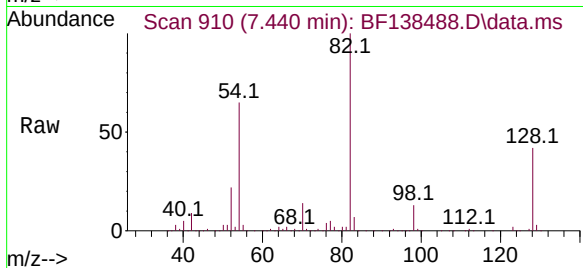
Tgt Ion: 82 Resp: 906430

Ion Ratio Lower Upper

82 100

128 42.1 32.3 48.5

54 64.8 51.4 77.0



#24

Nitrobenzene

Concen: 58.472 ng

RT: 7.457 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

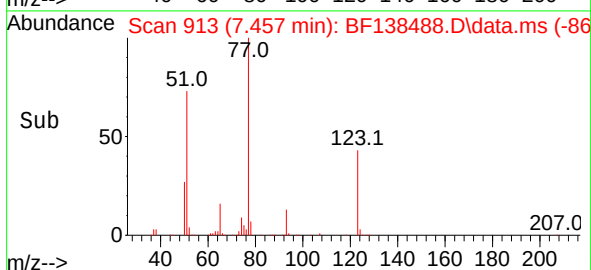
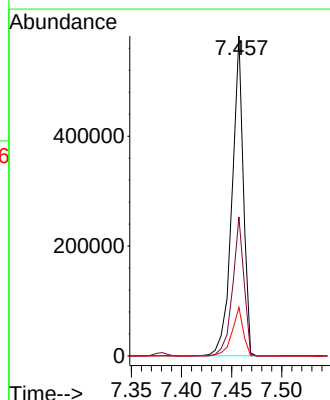
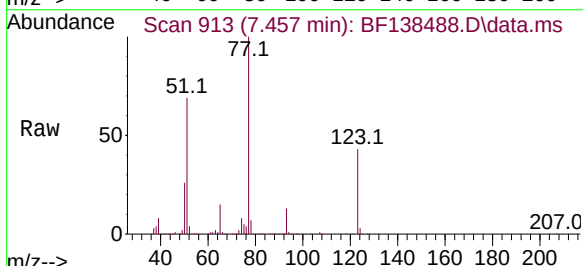
Tgt Ion: 77 Resp: 458354

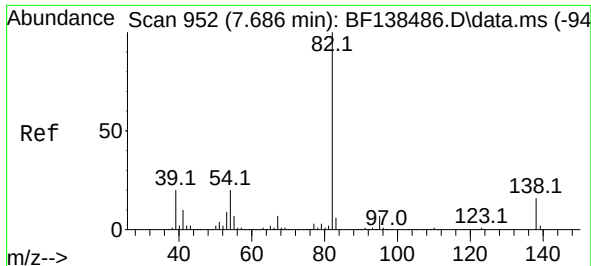
Ion Ratio Lower Upper

77 100

123 43.5 32.4 48.6

65 15.1 11.8 17.8

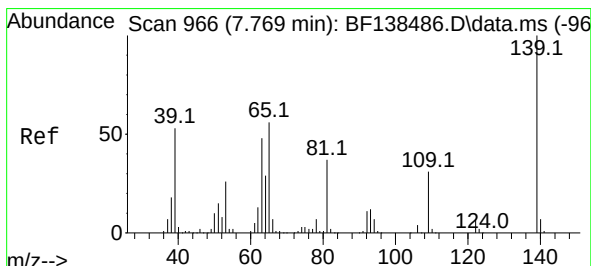
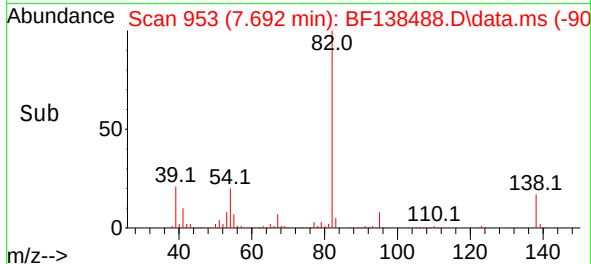
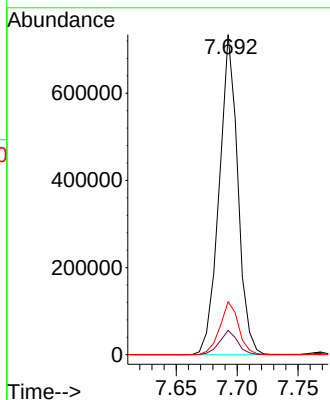
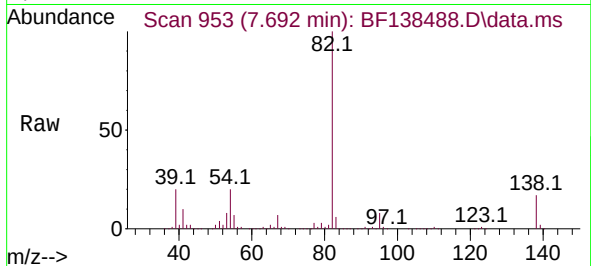




#25  
Isophorone  
Concen: 59.016 ng  
RT: 7.692 min Scan# 953  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

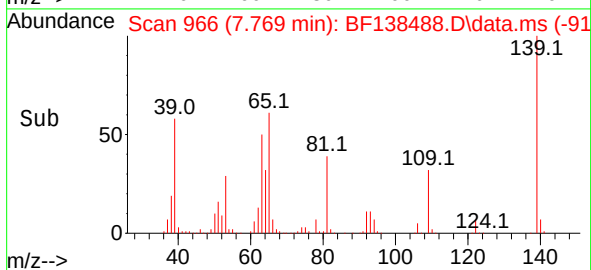
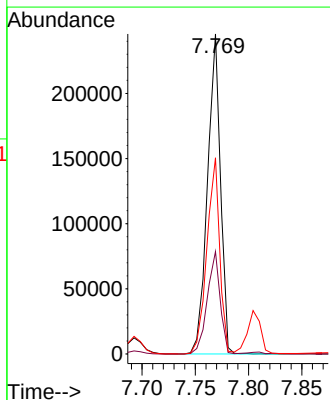
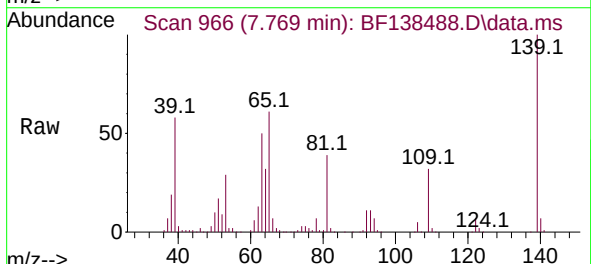
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion: 82 Resp: 781768  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.0 9.0  
138 16.6 12.8 19.2

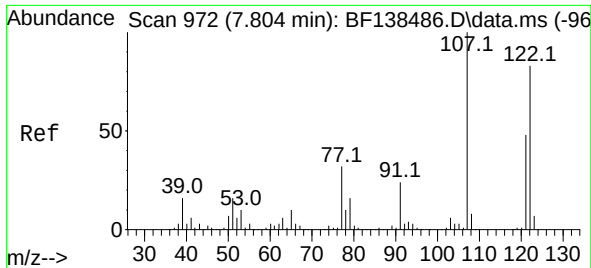


#26  
2-Nitrophenol  
Concen: 62.076 ng  
RT: 7.769 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:139 Resp: 208557  
Ion Ratio Lower Upper  
139 100  
109 32.0 24.8 37.2  
65 61.3 45.1 67.7



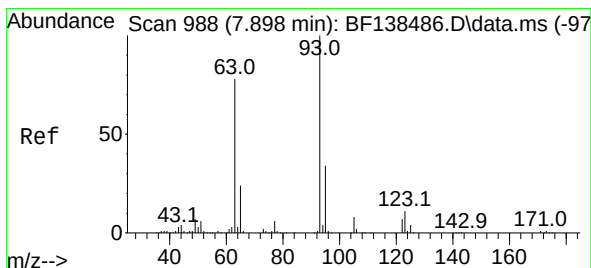
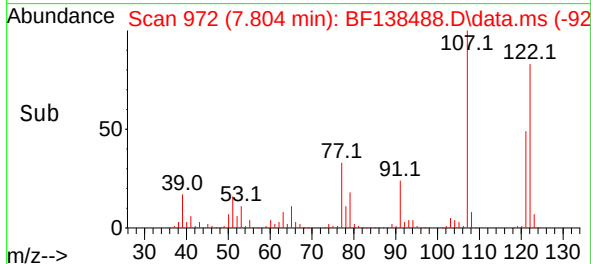
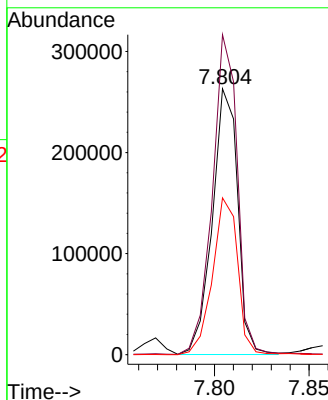
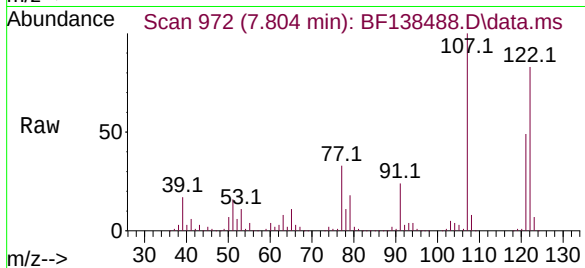




#27  
2,4-Dimethylphenol  
Concen: 59.344 ng  
RT: 7.804 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

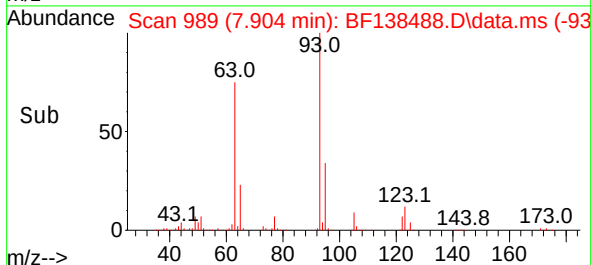
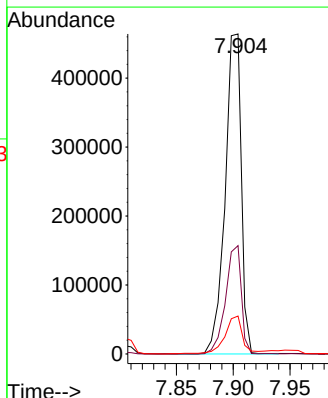
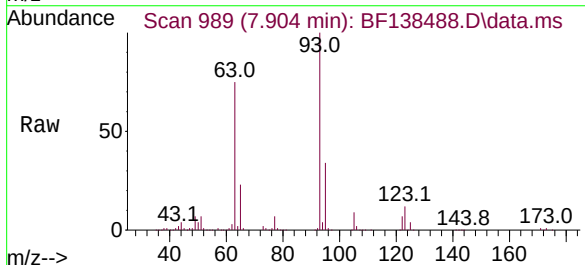
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

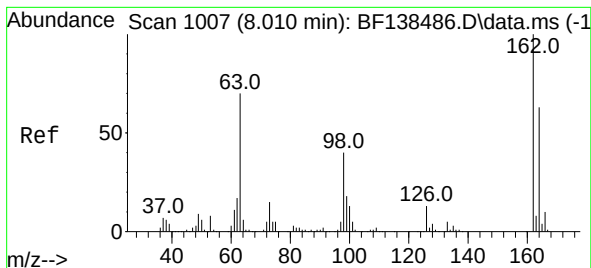
Tgt Ion:122 Resp: 245047  
Ion Ratio Lower Upper  
122 100  
107 120.3 96.3 144.5  
121 59.0 46.7 70.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 58.153 ng  
RT: 7.904 min Scan# 989  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion: 93 Resp: 460383  
Ion Ratio Lower Upper  
93 100  
95 33.9 27.0 40.6  
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 58.882 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

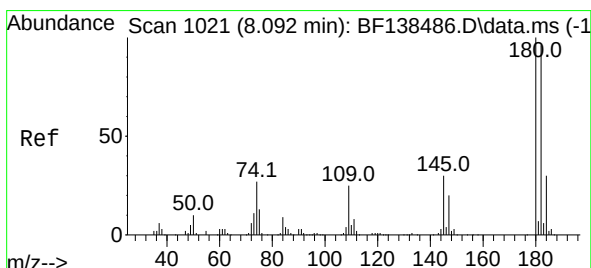
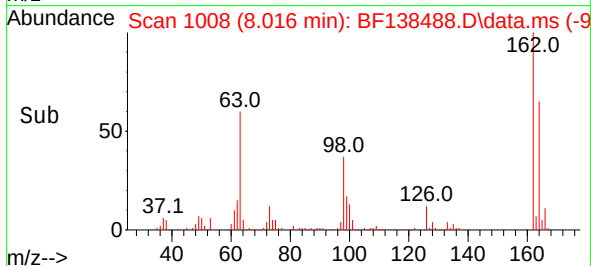
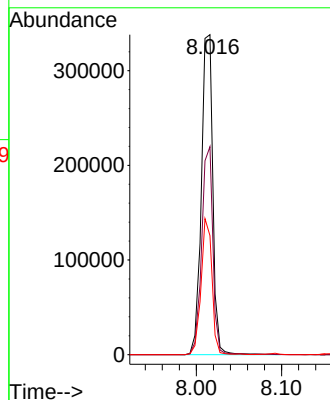
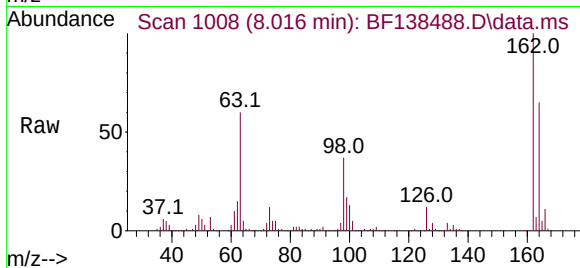
Tgt Ion:162 Resp: 315738

Ion Ratio Lower Upper

162 100

164 65.0 42.6 82.6

98 37.2 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 57.304 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

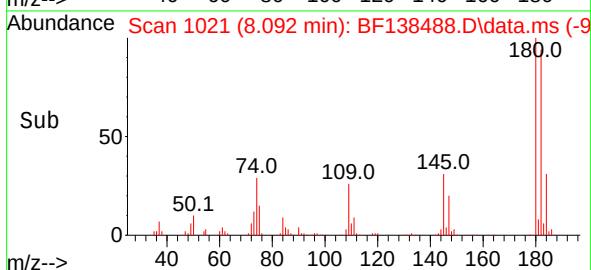
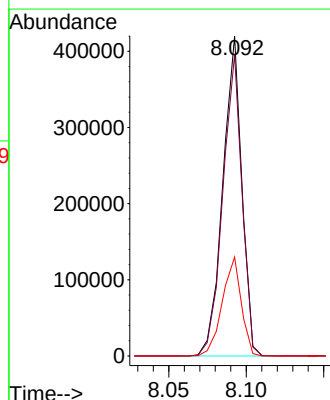
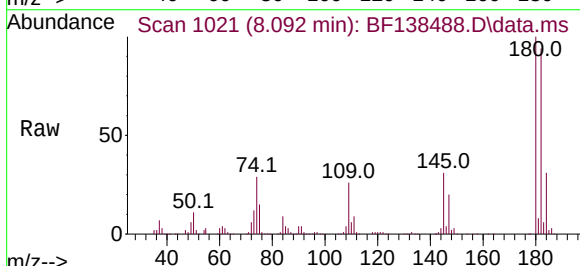
Tgt Ion:180 Resp: 357960

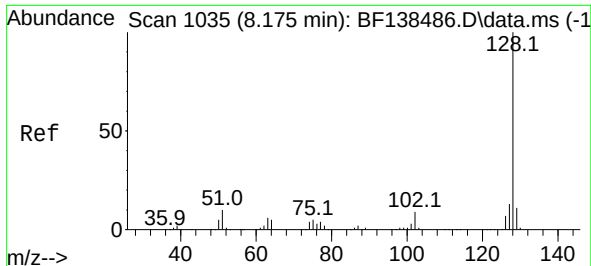
Ion Ratio Lower Upper

180 100

182 94.3 76.9 115.3

145 30.9 23.9 35.9

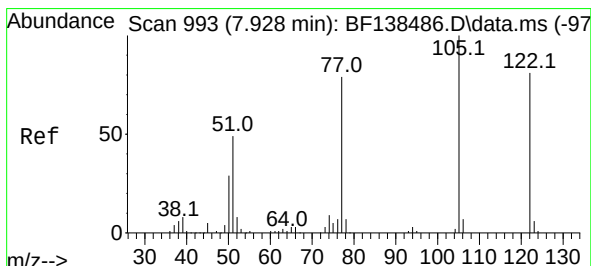
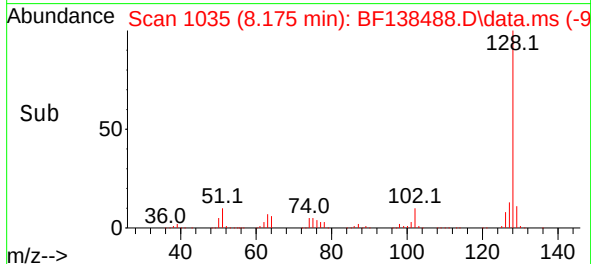
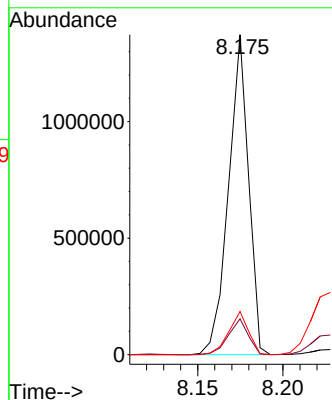
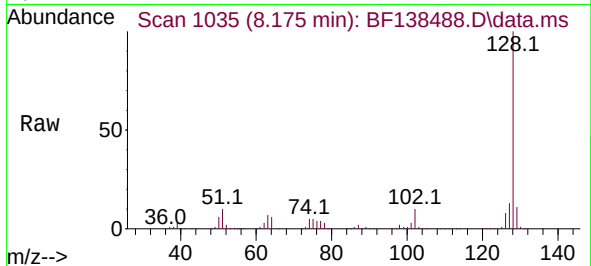




#31  
Naphthalene  
Concen: 56.917 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

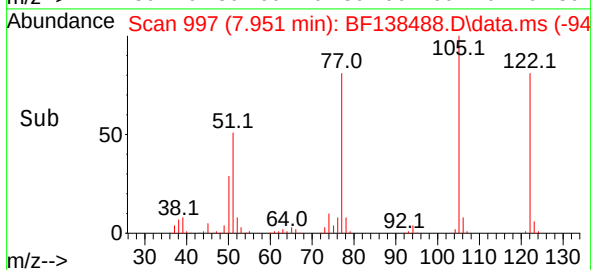
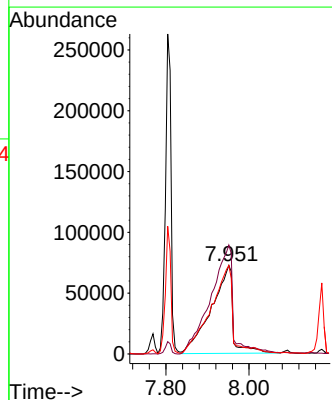
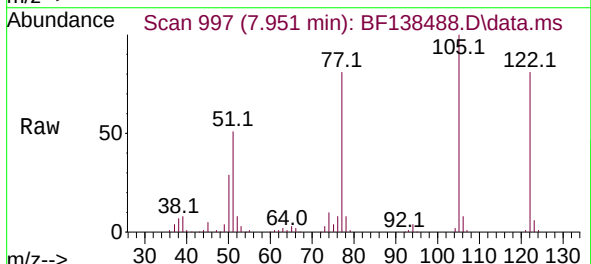
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

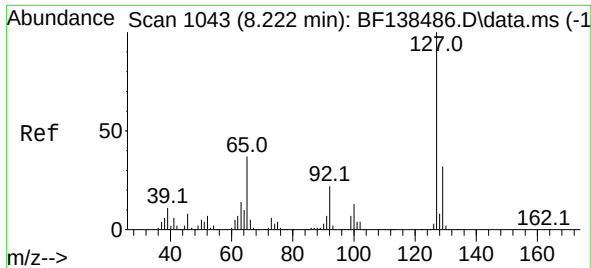
Tgt Ion:128 Resp: 1121083  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 13.0  
127 13.5 10.7 16.1



#32  
Benzoic acid  
Concen: 67.304 ng  
RT: 7.951 min Scan# 997  
Delta R.T. 0.024 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:122 Resp: 263780  
Ion Ratio Lower Upper  
122 100  
105 123.1 101.5 141.5  
77 99.9 77.3 117.3





#33  
4-Chloroaniline  
Concen: 59.810 ng  
RT: 8.228 min Scan# 1043  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

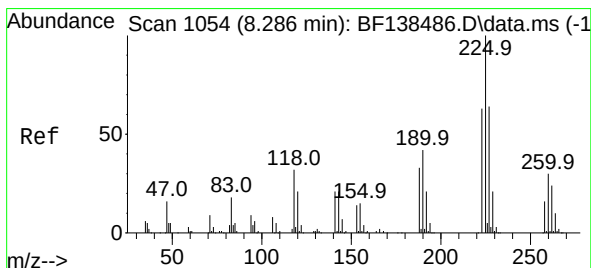
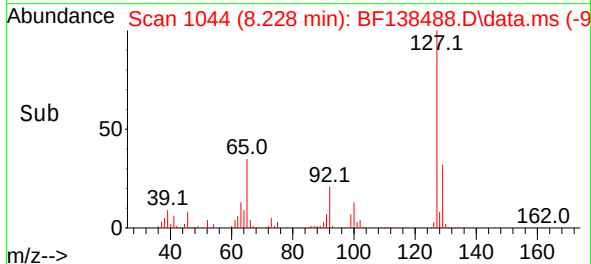
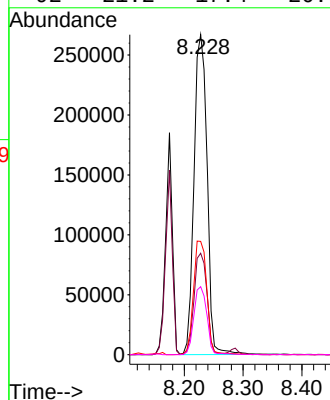
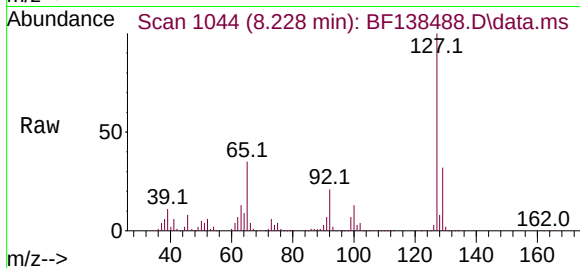
Instrument :

BNA\_F

ClientSampleId :

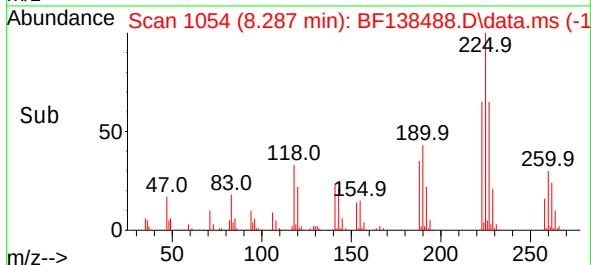
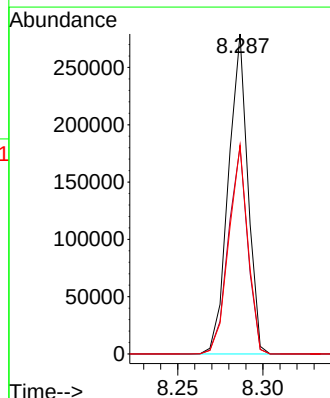
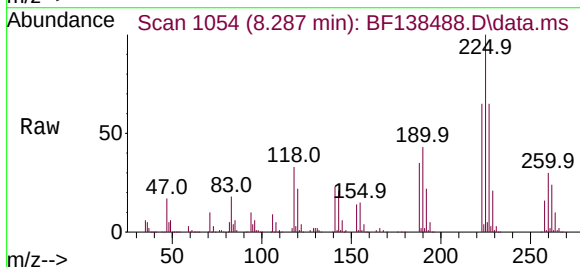
SSTDICC060

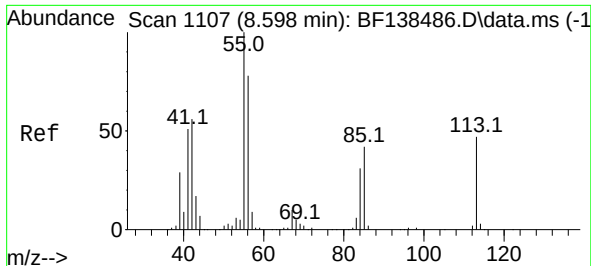
Tgt Ion:127 Resp: 413346  
Ion Ratio Lower Upper  
127 100  
129 31.7 25.6 38.4  
65 35.4 29.6 44.4  
92 21.2 17.4 26.0



#34  
Hexachlorobutadiene  
Concen: 57.430 ng  
RT: 8.287 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:225 Resp: 220913  
Ion Ratio Lower Upper  
225 100  
223 64.8 50.0 75.0  
227 65.2 51.0 76.6





#35

Caprolactam

Concen: 59.950 ng

RT: 8.616 min Scan# 1110

Delta R.T. 0.018 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

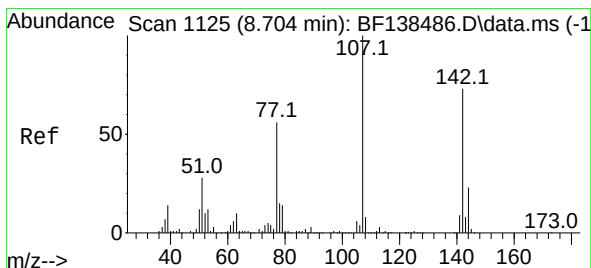
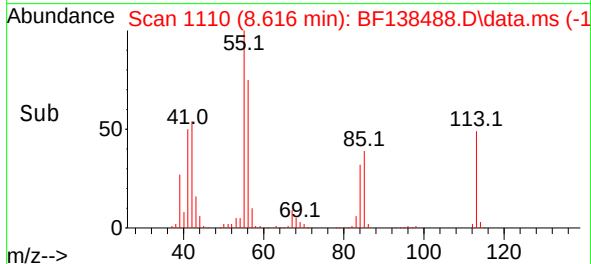
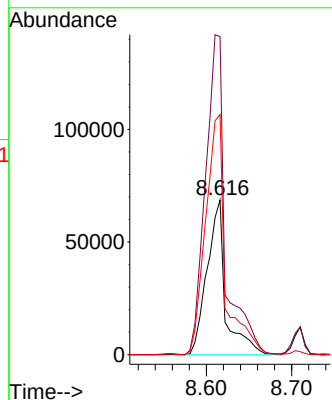
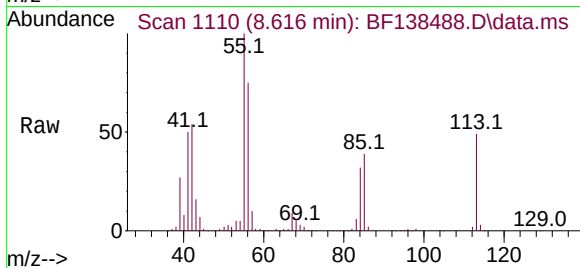
Tgt Ion:113 Resp: 103786

Ion Ratio Lower Upper

113 100

55 205.7 192.5 232.5

56 155.2 145.3 185.3



#36

4-Chloro-3-methylphenol

Concen: 58.277 ng

RT: 8.710 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

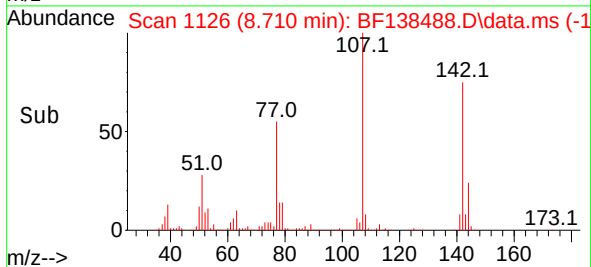
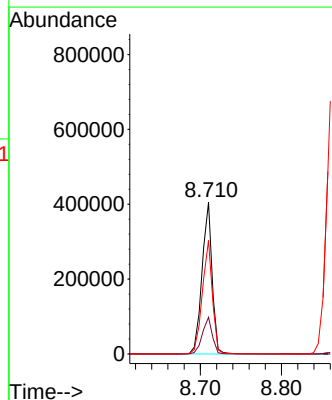
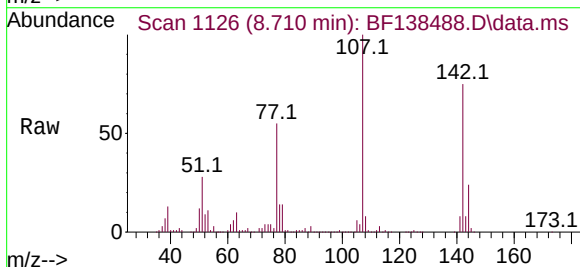
Tgt Ion:107 Resp: 349848

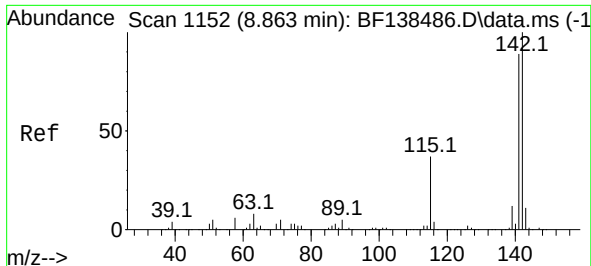
Ion Ratio Lower Upper

107 100

144 24.2 18.6 27.8

142 74.8 58.6 88.0





#37

2-Methylnaphthalene

Concen: 56.916 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

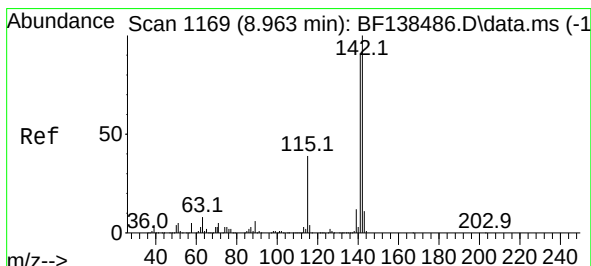
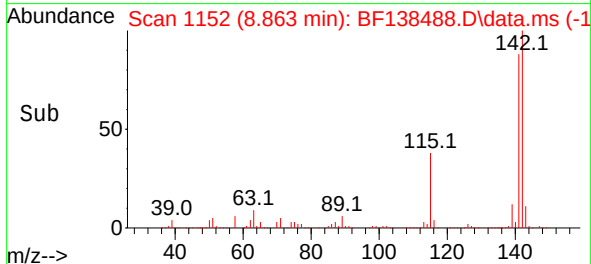
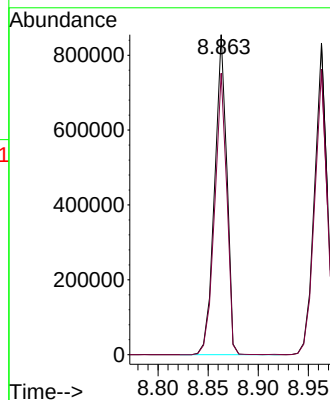
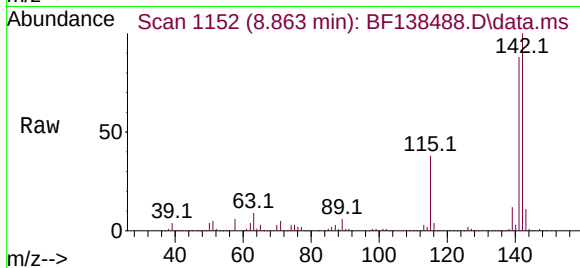
SSTDICC060

Tgt Ion:142 Resp: 721435

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.0



#38

1-Methylnaphthalene

Concen: 56.613 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF138488.D

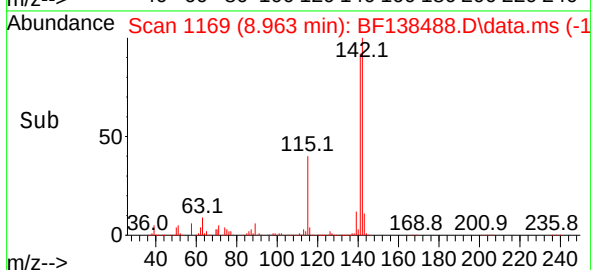
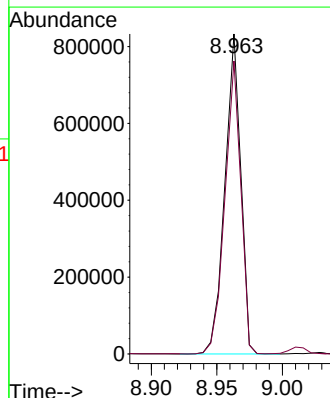
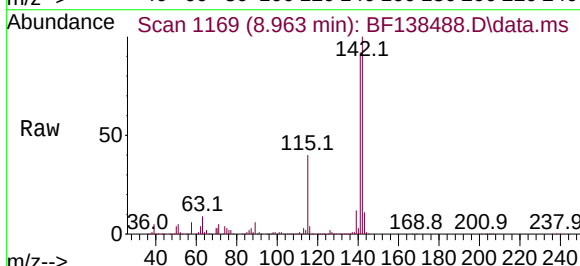
Acq: 09 Jul 2024 15:32

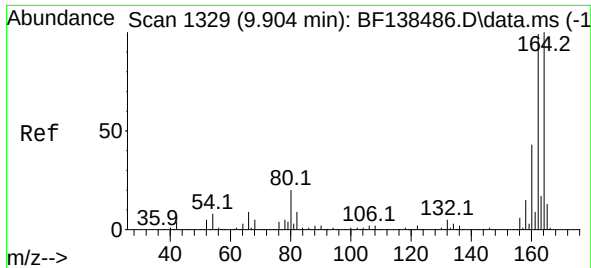
Tgt Ion:142 Resp: 700337

Ion Ratio Lower Upper

142 100

141 91.5 72.6 108.8

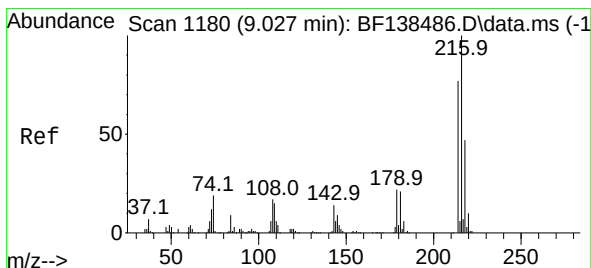
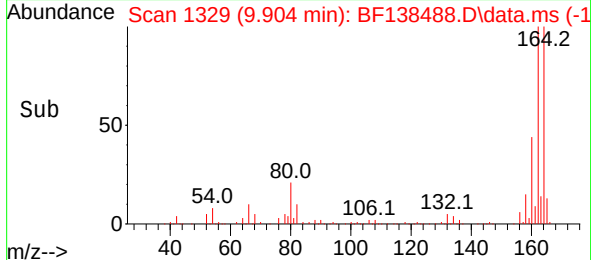
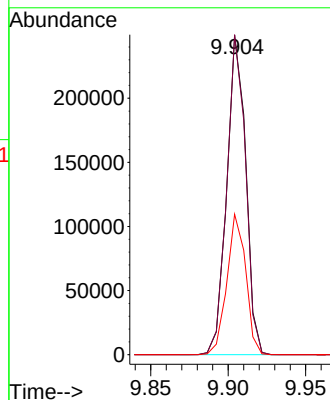
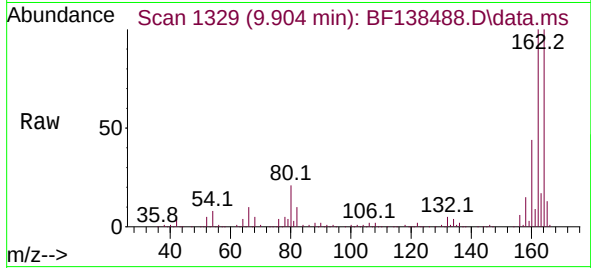




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

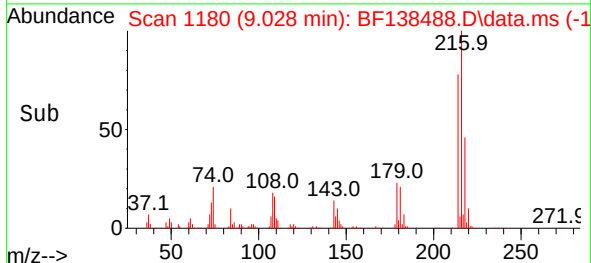
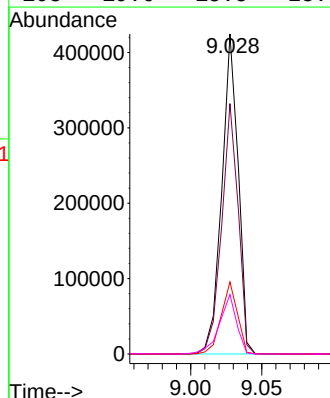
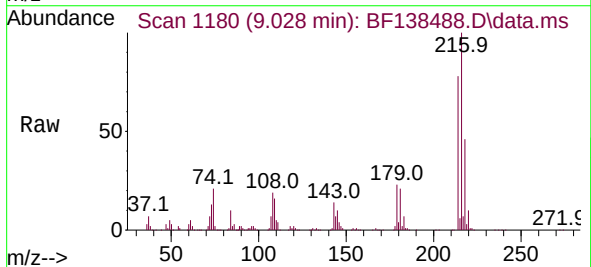
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

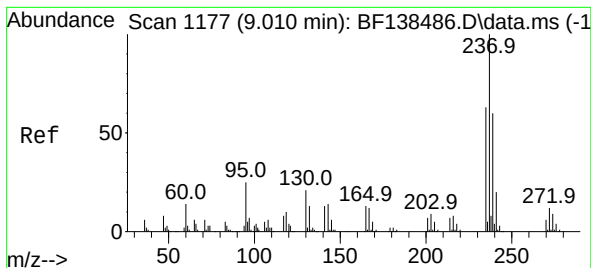
Tgt Ion:164 Resp: 212055  
Ion Ratio Lower Upper  
164 100  
162 100.1 79.0 118.6  
160 43.9 34.4 51.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 57.364 ng  
RT: 9.028 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:216 Resp: 339026  
Ion Ratio Lower Upper  
216 100  
214 78.6 62.8 94.2  
179 22.4 17.7 26.5  
108 19.6 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 64.862 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

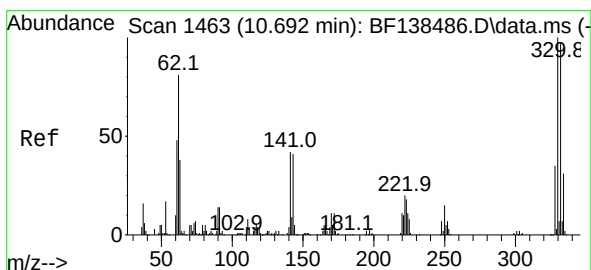
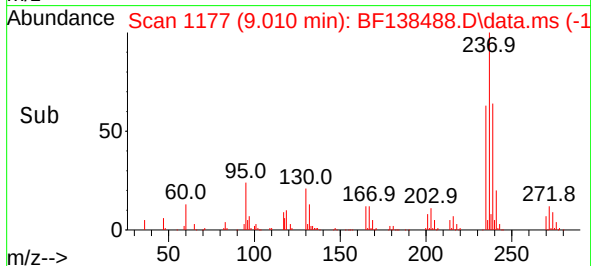
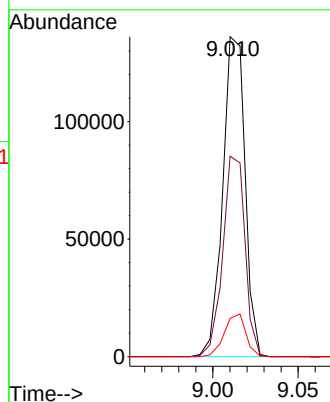
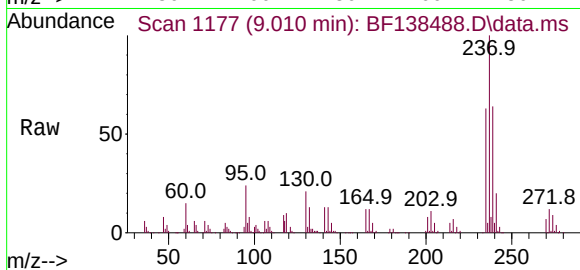
Tgt Ion:237 Resp: 124426

Ion Ratio Lower Upper

237 100

235 62.6 43.3 83.3

272 12.0 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 114.963 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

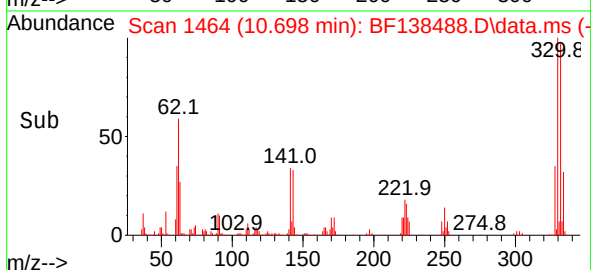
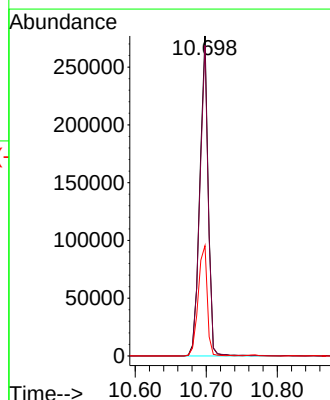
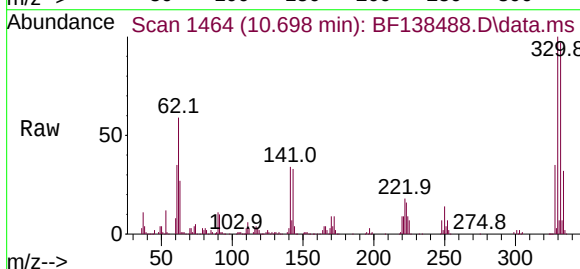
Tgt Ion:330 Resp: 227841

Ion Ratio Lower Upper

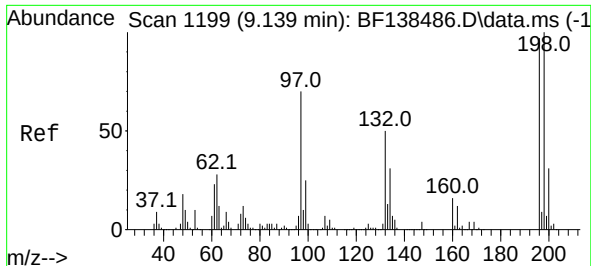
330 100

332 96.6 76.8 115.2

141 37.3 29.4 44.2







#43

2,4,6-Trichlorophenol

Concen: 59.158 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

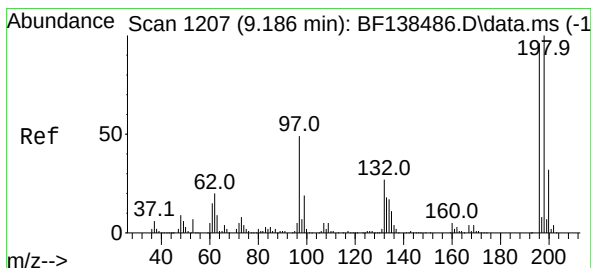
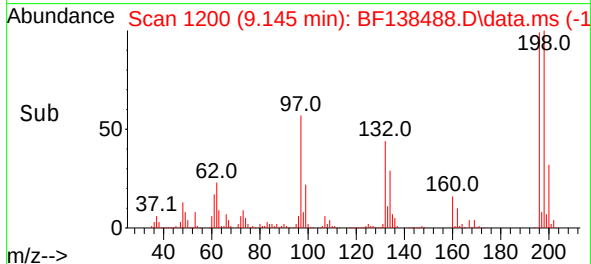
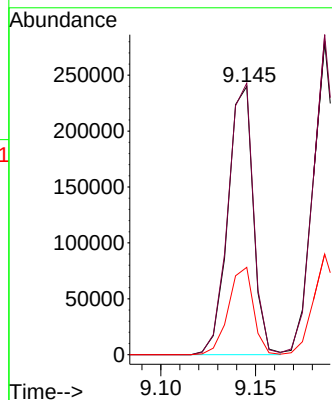
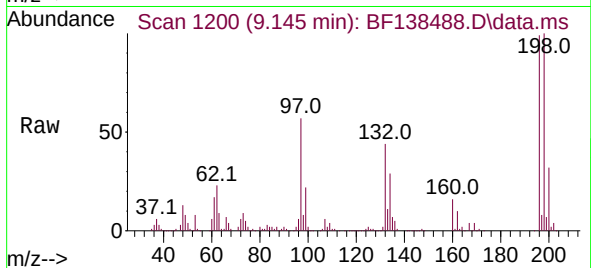
Tgt Ion:196 Resp: 223022

Ion Ratio Lower Upper

196 100

198 101.3 82.3 123.5

200 32.6 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 58.358 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Tgt Ion:196 Resp: 241979

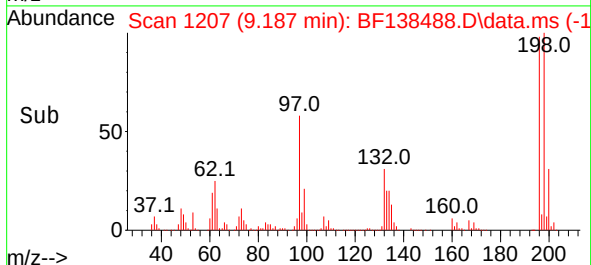
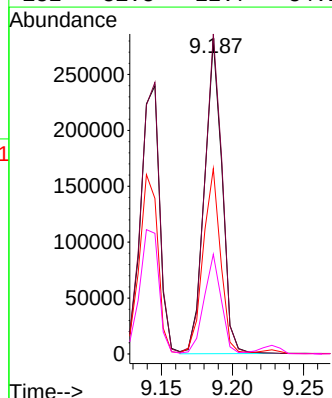
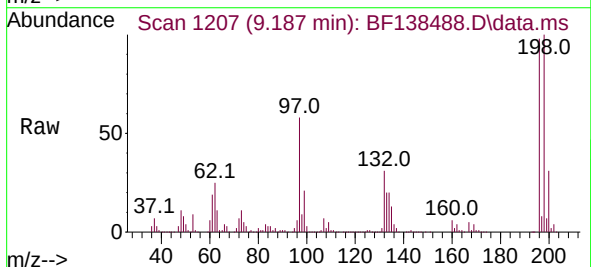
Ion Ratio Lower Upper

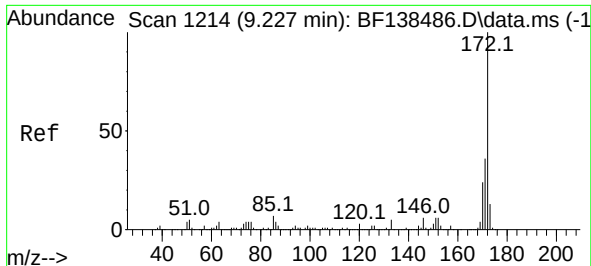
196 100

198 102.1 82.8 124.2

97 59.1 41.0 61.4

132 31.8 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 109.877 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

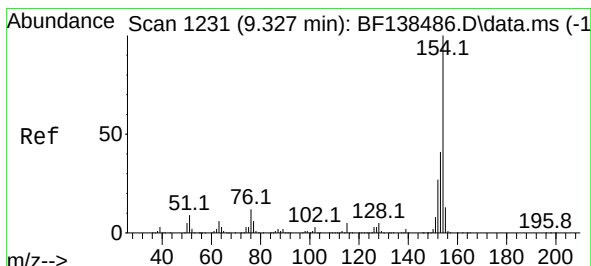
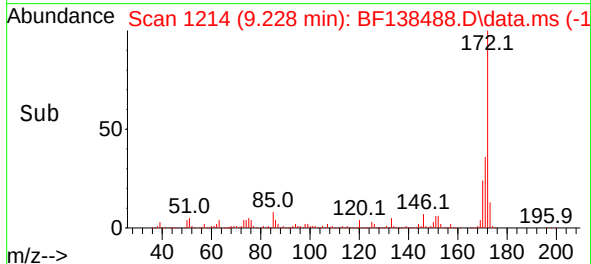
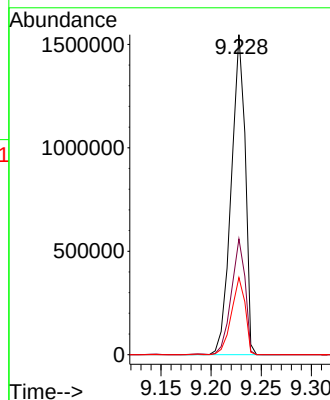
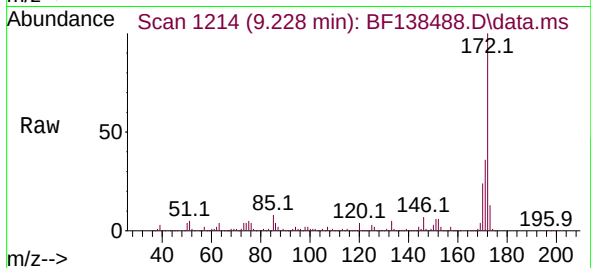
Tgt Ion:172 Resp: 1490809

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 24.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 56.625 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

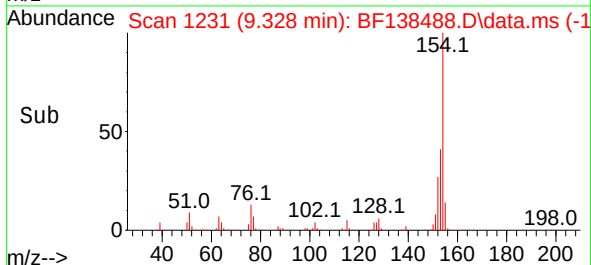
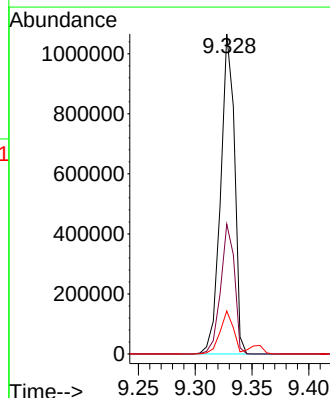
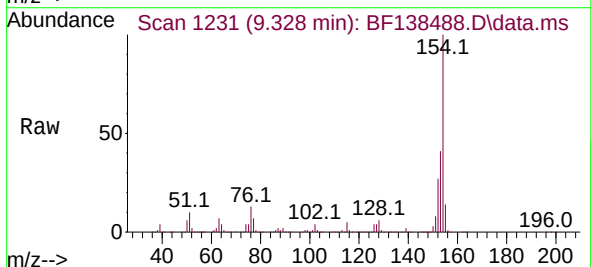
Tgt Ion:154 Resp: 909988

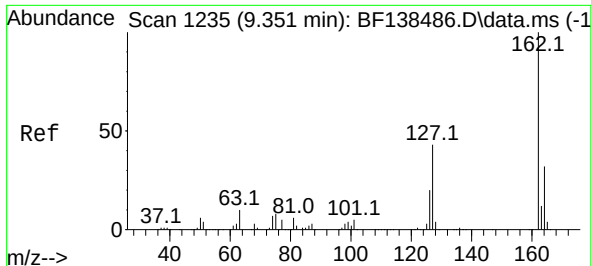
Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

76 13.5 0.0 32.2

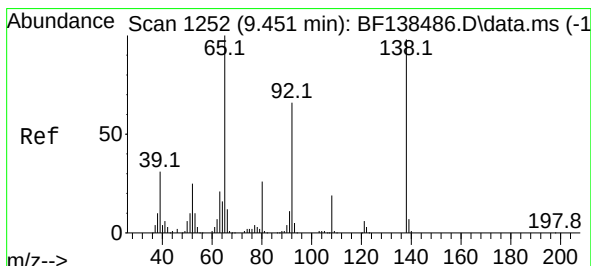
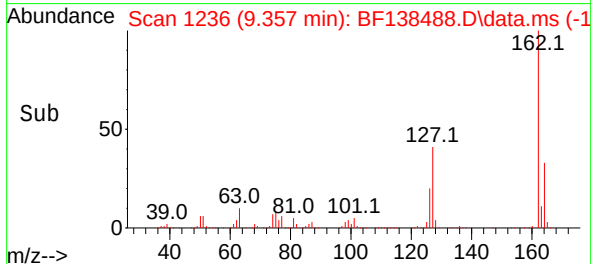
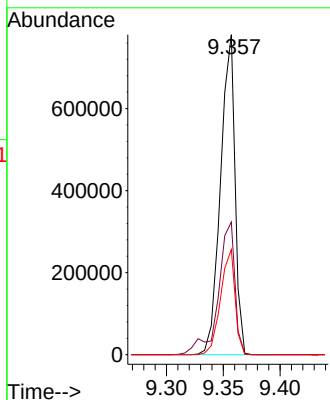
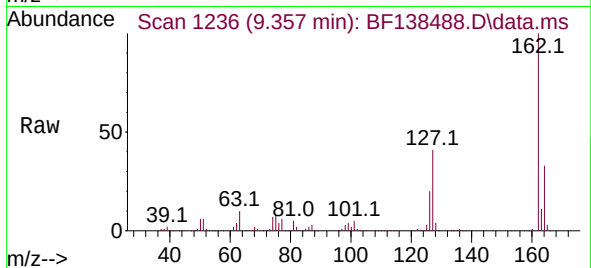




#47  
2-Chloronaphthalene  
Concen: 57.220 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

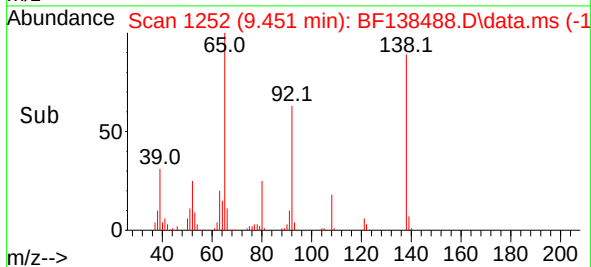
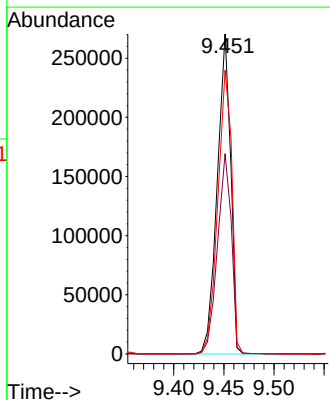
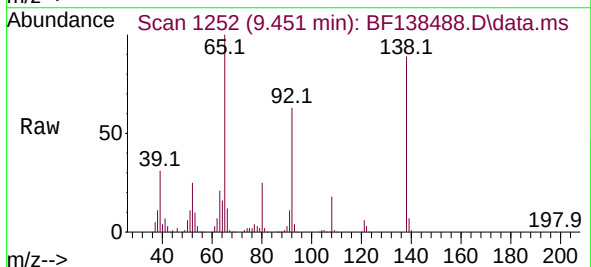
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

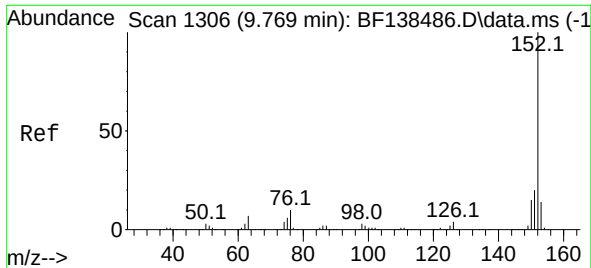
Tgt Ion:162 Resp: 694677  
Ion Ratio Lower Upper  
162 100  
127 41.4 34.8 52.2  
164 32.8 25.6 38.4



#48  
2-Nitroaniline  
Concen: 59.955 ng  
RT: 9.451 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion: 65 Resp: 252235  
Ion Ratio Lower Upper  
65 100  
92 62.6 52.6 78.8  
138 88.6 78.6 118.0





#49

Acenaphthylene

Concen: 56.815 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

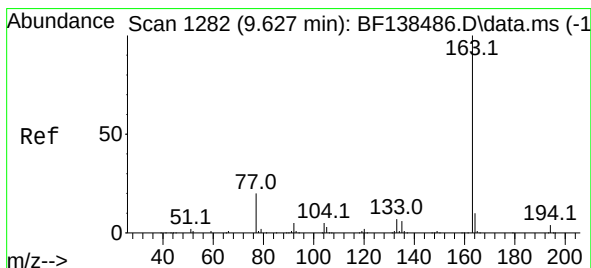
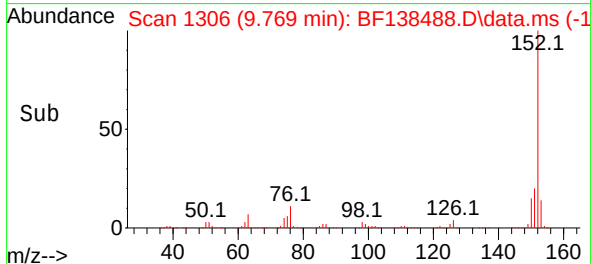
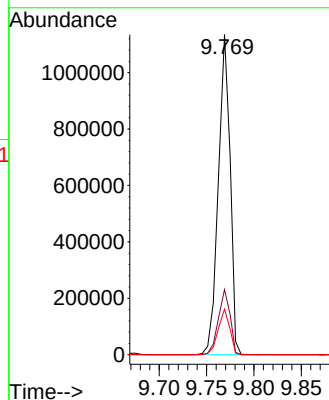
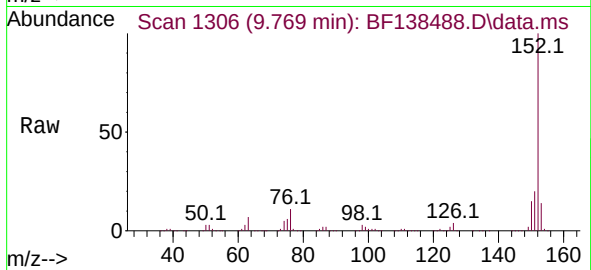
Tgt Ion:152 Resp: 979302

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 14.3 11.3 16.9



#50

Dimethylphthalate

Concen: 57.591 ng

RT: 9.634 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

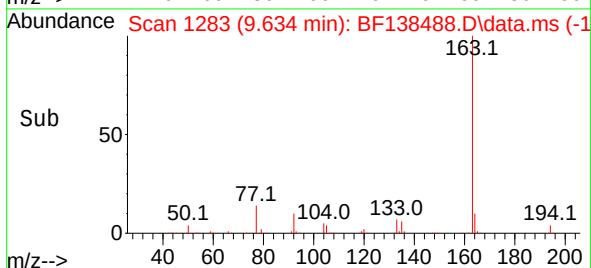
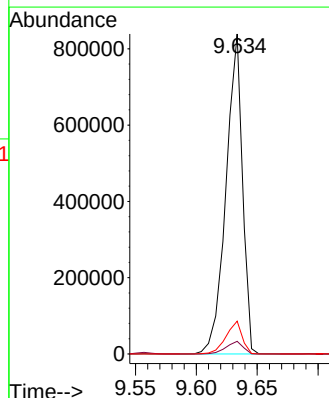
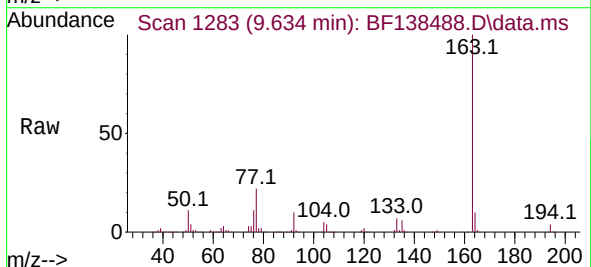
Tgt Ion:163 Resp: 789687

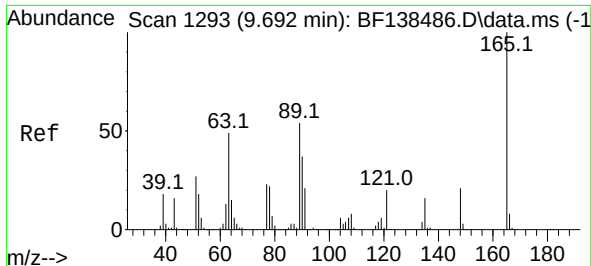
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 59.606 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

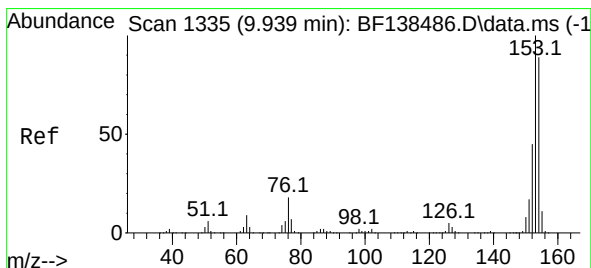
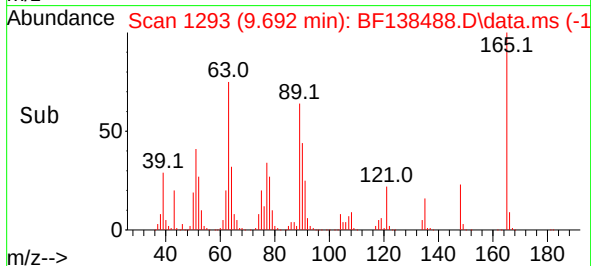
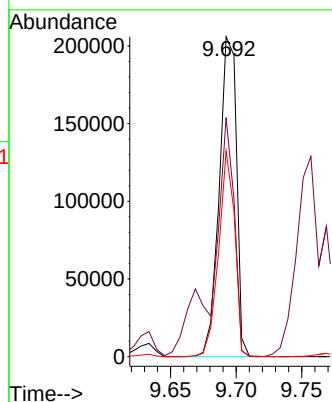
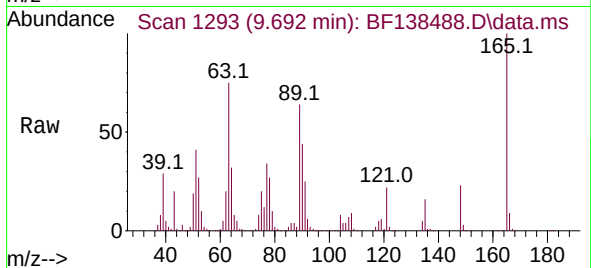
Tgt Ion:165 Resp: 188184

Ion Ratio Lower Upper

165 100

63 74.7 48.1 72.1#

89 64.3 43.0 64.6



#52

Acenaphthene

Concen: 56.498 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

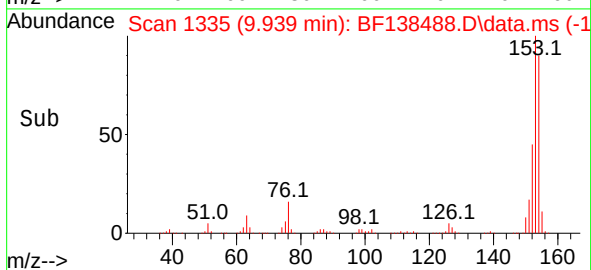
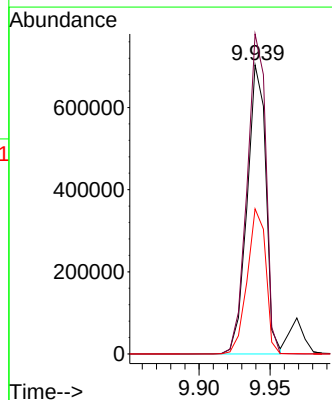
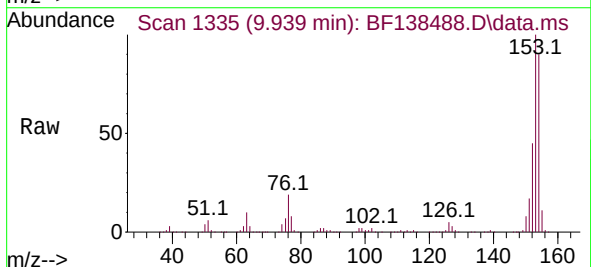
Tgt Ion:154 Resp: 647335

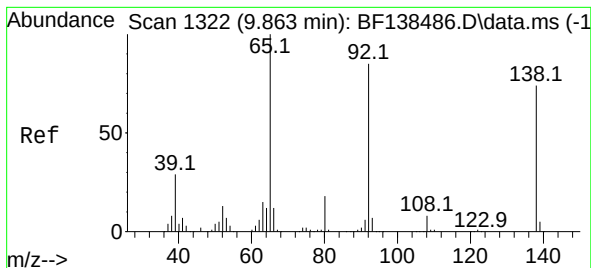
Ion Ratio Lower Upper

154 100

153 110.7 90.4 135.6

152 50.2 41.1 61.7





#53

3-Nitroaniline

Concen: 59.296 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

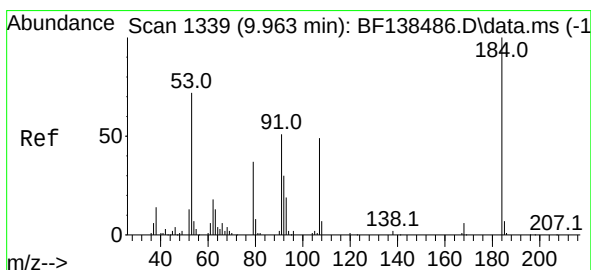
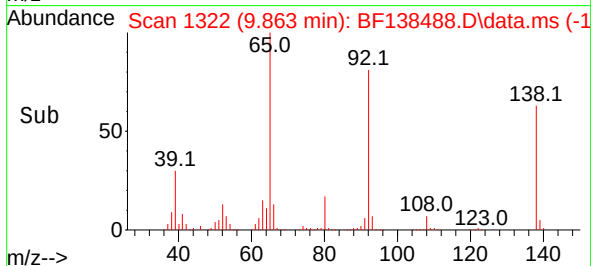
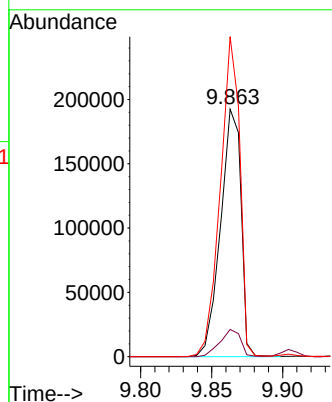
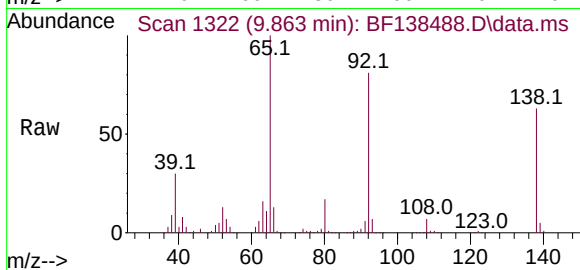
Tgt Ion:138 Resp: 191871

Ion Ratio Lower Upper

138 100

108 11.0 8.3 12.5

92 129.3 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 60.790 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

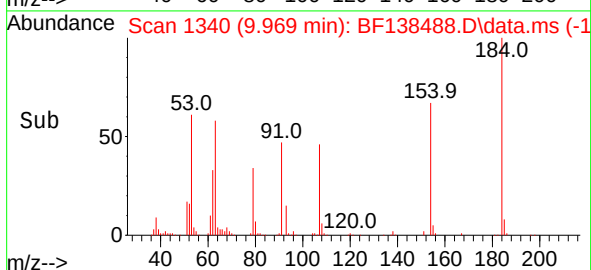
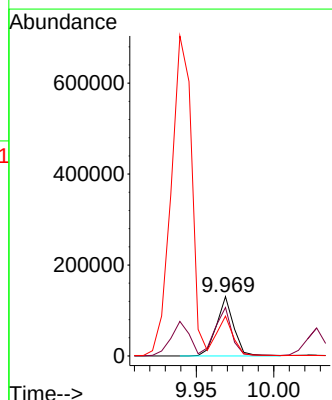
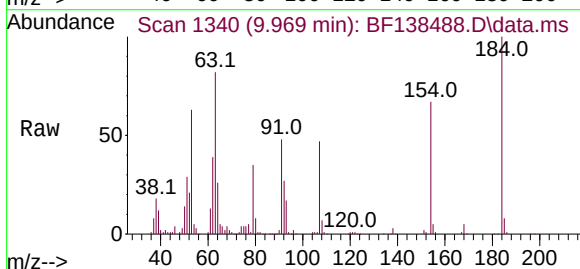
Tgt Ion:184 Resp: 100985

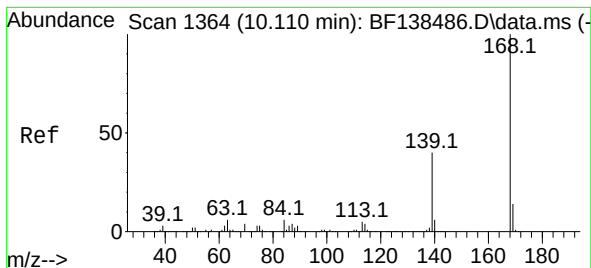
Ion Ratio Lower Upper

184 100

63 81.7 70.6 106.0

154 67.1 53.8 80.6





#55

Dibenzenofuran

Concen: 56.037 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

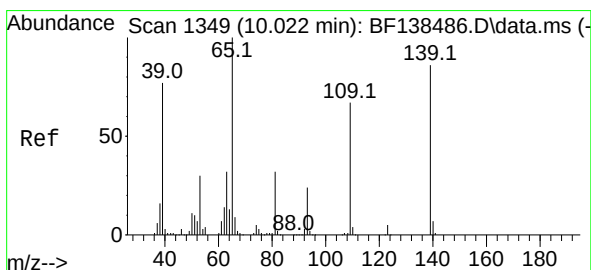
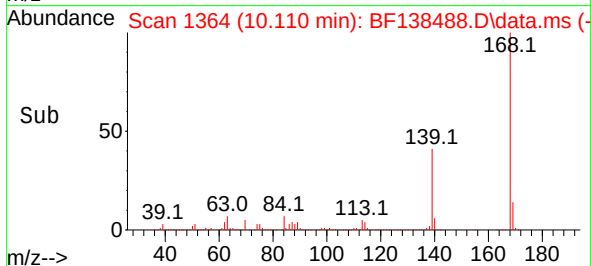
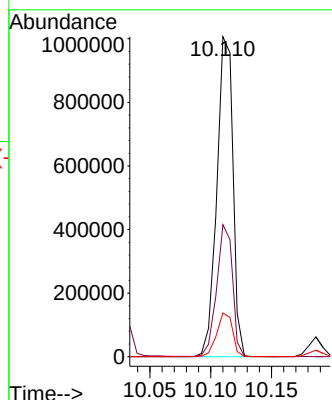
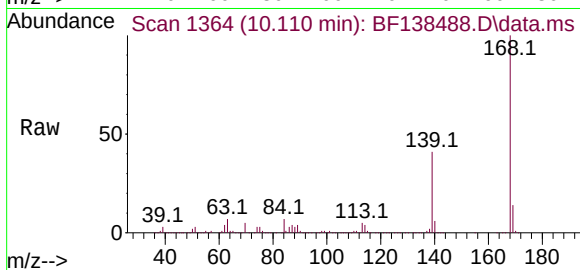
Tgt Ion:168 Resp: 931278

Ion Ratio Lower Upper

168 100

139 41.3 32.4 48.6

169 13.6 10.9 16.3



#56

4-Nitrophenol

Concen: 62.020 ng

RT: 10.028 min Scan# 1350

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

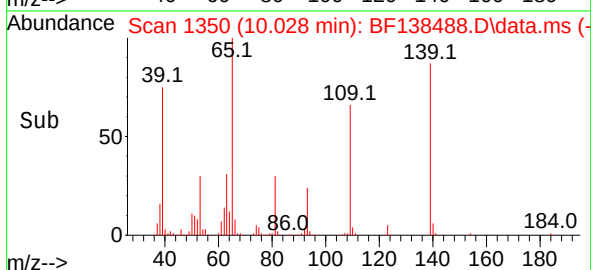
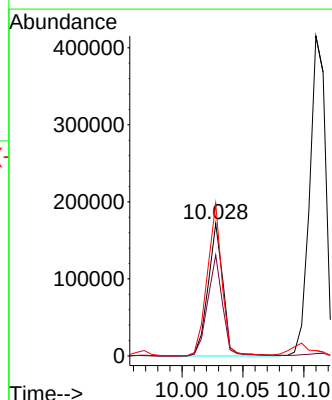
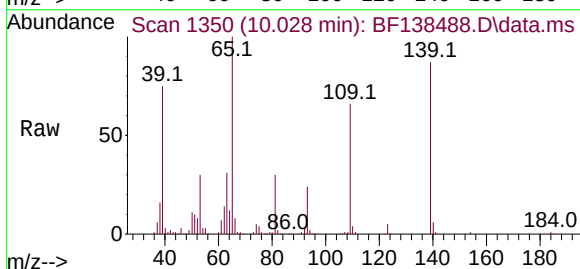
Tgt Ion:139 Resp: 148079

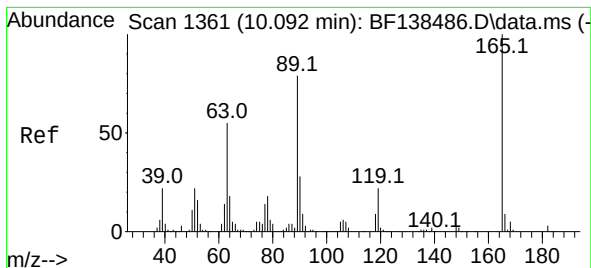
Ion Ratio Lower Upper

139 100

109 76.2 58.1 98.1

65 115.2 96.9 136.9

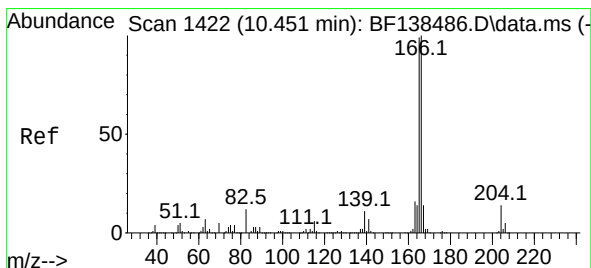
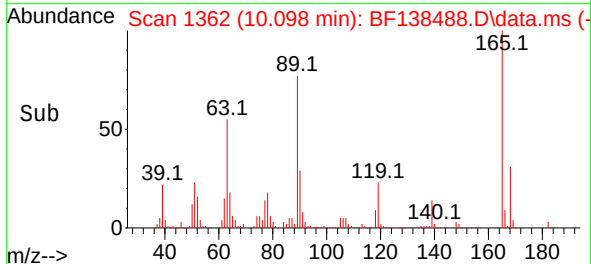
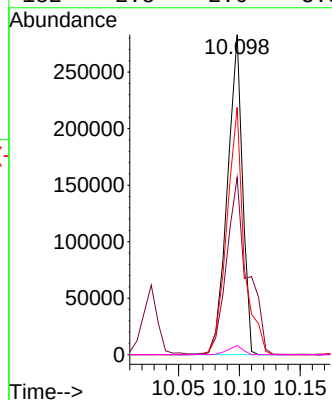
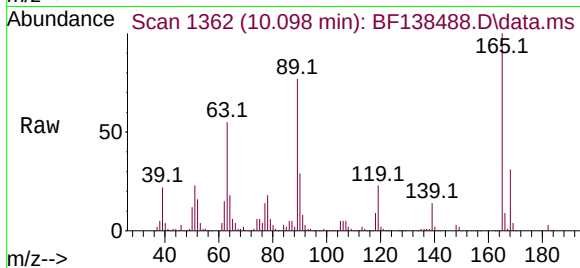




#57  
2,4-Dinitrotoluene  
Concen: 59.876 ng  
RT: 10.098 min Scan# 141  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

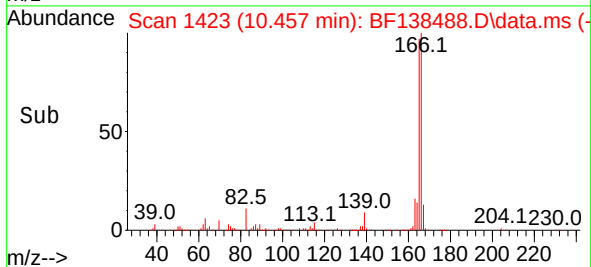
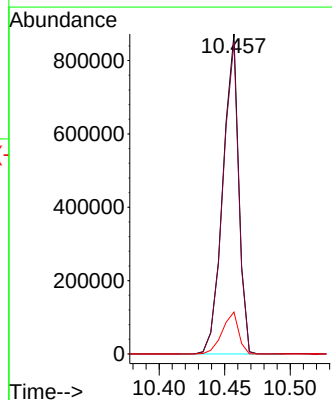
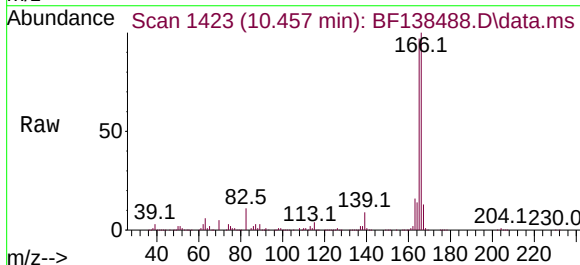
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:165 Resp: 244587  
Ion Ratio Lower Upper  
165 100  
63 55.4 44.6 66.8  
89 77.3 63.4 95.2  
182 2.8 2.6 3.8

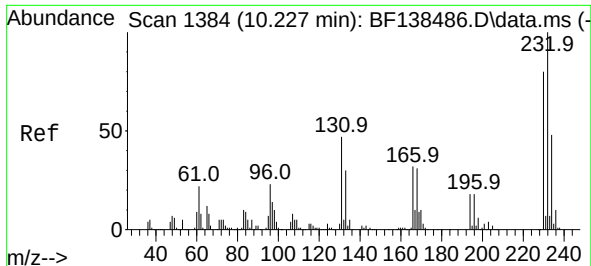


#58  
Fluorene  
Concen: 55.538 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:166 Resp: 730314  
Ion Ratio Lower Upper  
166 100  
165 97.4 79.1 118.7  
167 13.1 11.0 16.6







#59

2,3,4,6-Tetrachlorophenol

Concen: 59.348 ng

RT: 10.228 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 194212

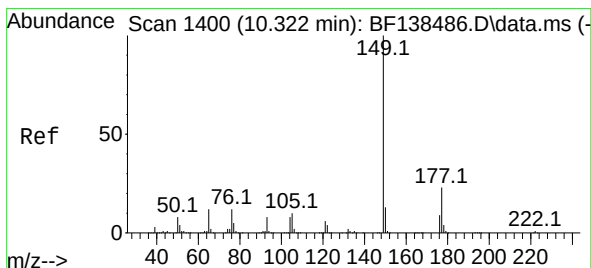
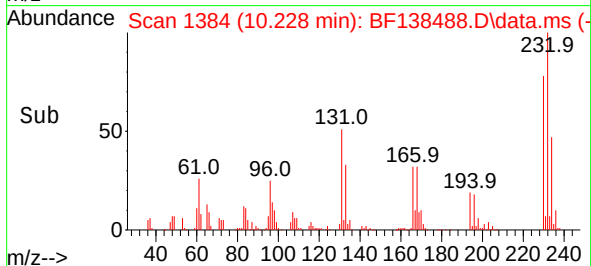
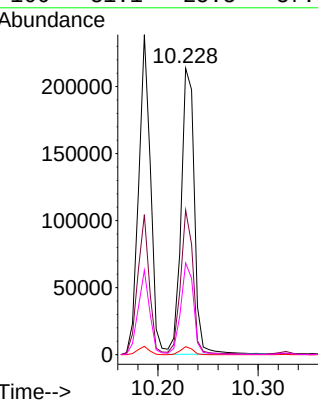
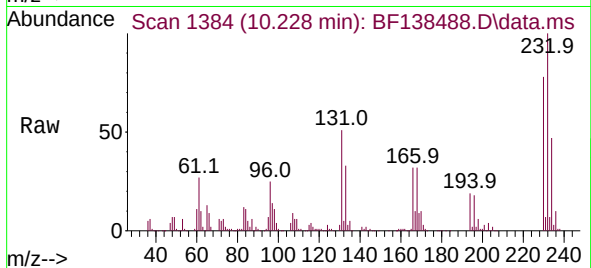
Ion Ratio Lower Upper

232 100

131 47.4 37.5 56.3

130 2.6 2.0 3.0

166 31.1 25.3 37.9



#60

Diethylphthalate

Concen: 57.306 ng

RT: 10.328 min Scan# 1401

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

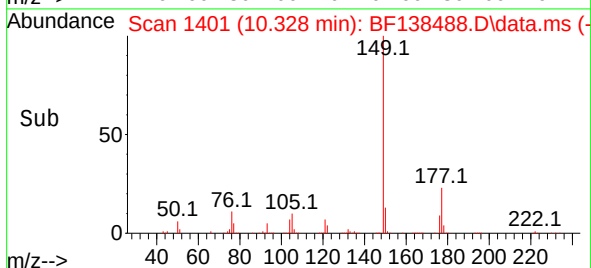
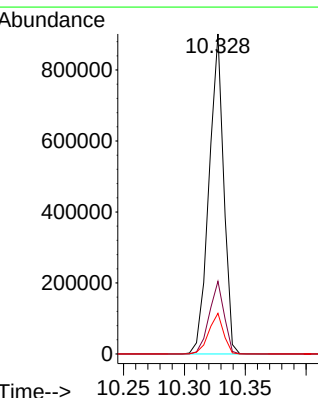
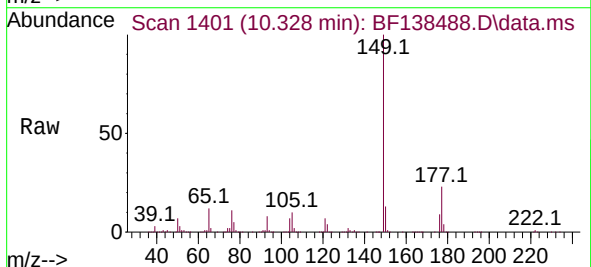
Tgt Ion:149 Resp: 757516

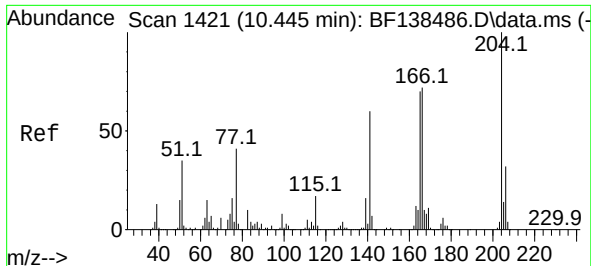
Ion Ratio Lower Upper

149 100

177 22.7 18.5 27.7

150 12.7 10.3 15.5

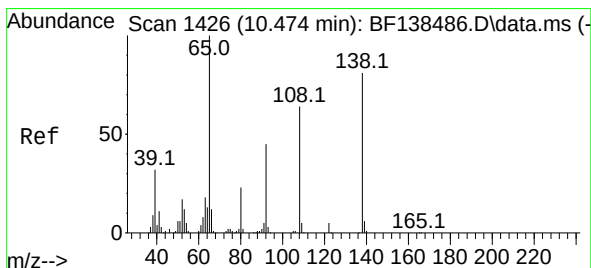
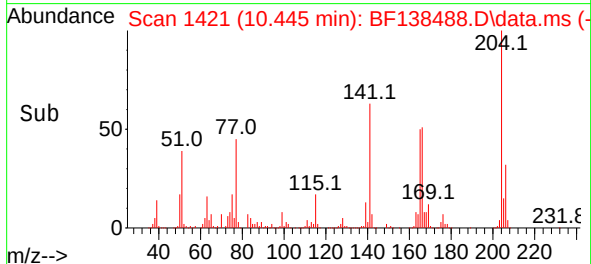
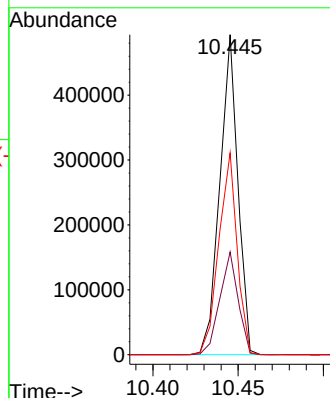
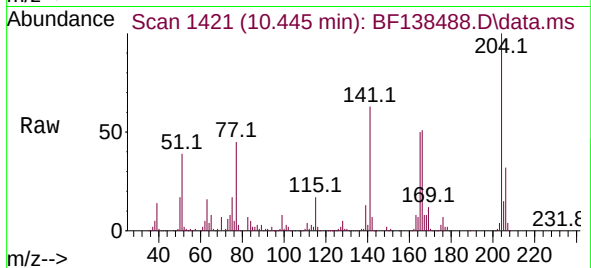




#61  
4-Chlorophenyl-phenylether  
Concen: 55.181 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

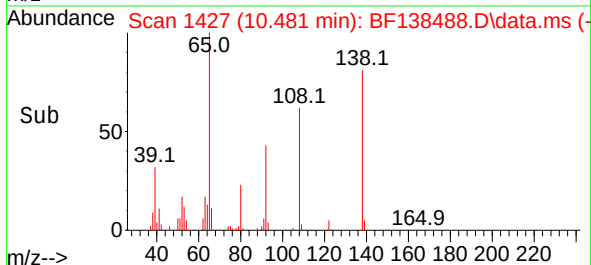
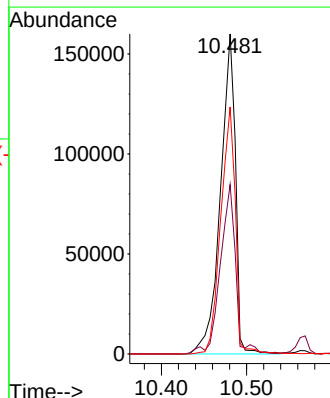
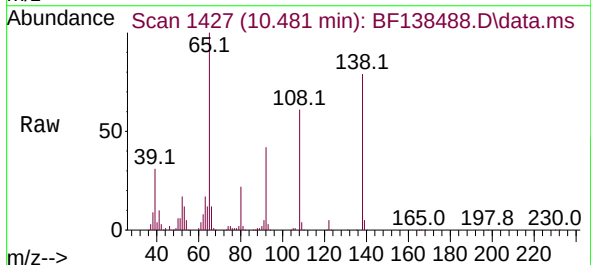
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

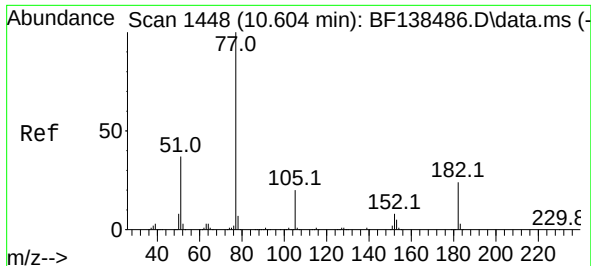
Tgt Ion:204 Resp: 364361  
Ion Ratio Lower Upper  
204 100  
206 32.1 25.6 38.4  
141 63.1 47.7 71.5



#62  
4-Nitroaniline  
Concen: 60.264 ng  
RT: 10.481 min Scan# 1427  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:138 Resp: 195410  
Ion Ratio Lower Upper  
138 100  
92 53.0 35.8 75.8  
108 77.2 59.8 99.8

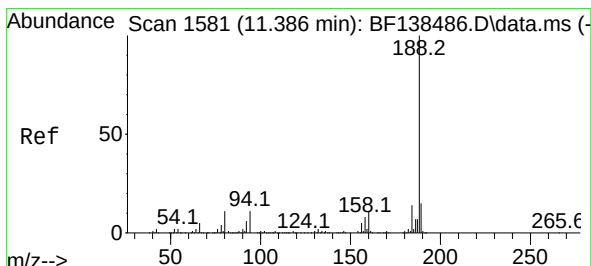
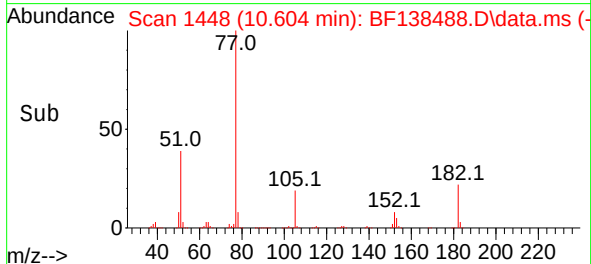
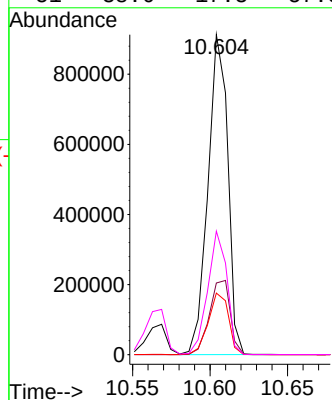
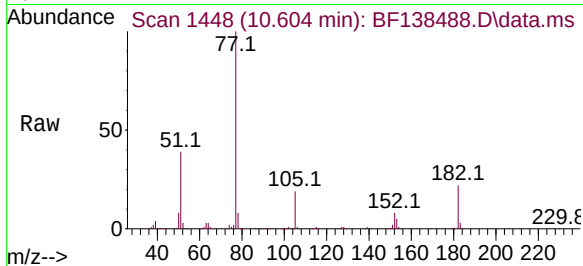




#63  
Azobenzene  
Concen: 57.099 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

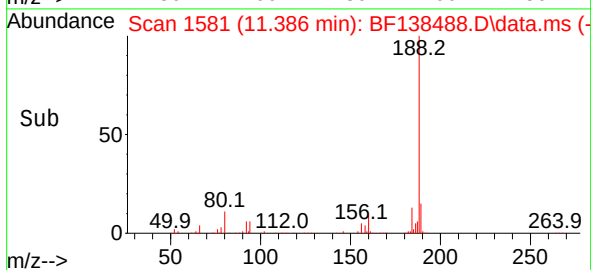
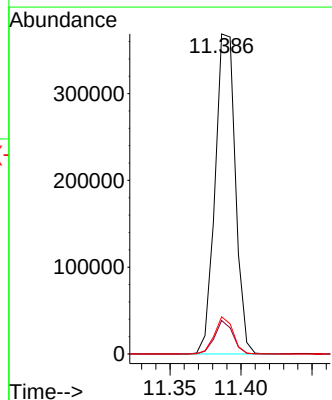
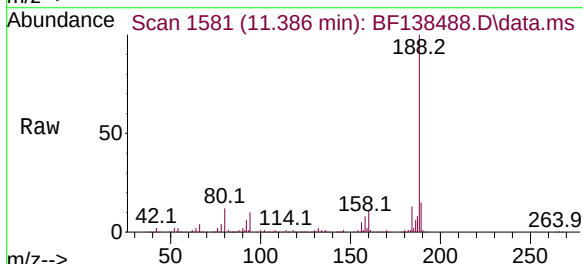
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

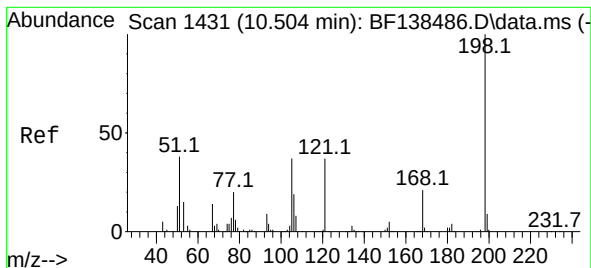
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 811488 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 22.4    | 3.8 43.8     |
| 105 19.3    | 0.0 39.8     |
| 51 38.6     | 17.3 57.3    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:188 | Resp: 365774 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 188 100     |              |       |  |
| 94 10.5     | 8.7          | 13.1  |  |
| 80 11.6     | 9.0          | 13.4  |  |

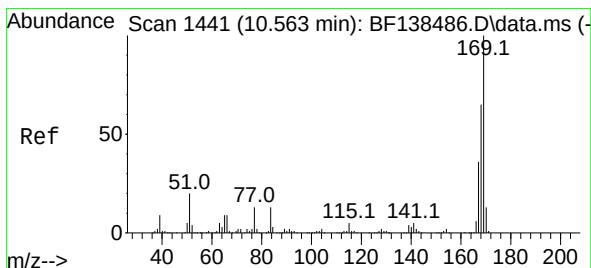
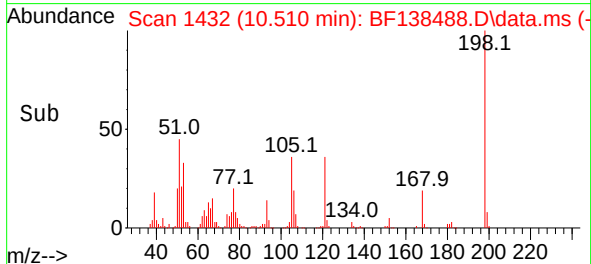
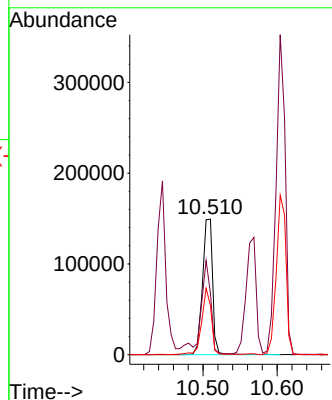
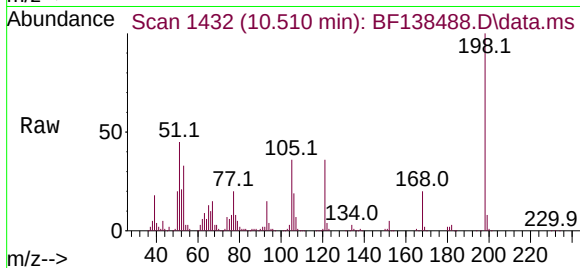




#65  
4,6-Dinitro-2-methylphenol  
Concen: 66.823 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

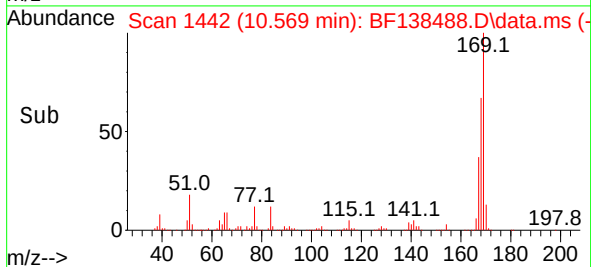
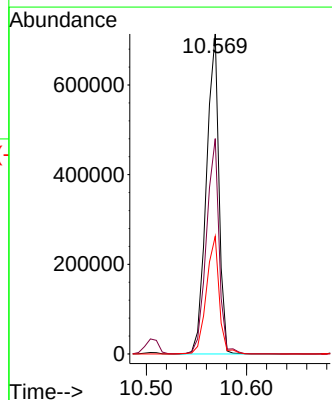
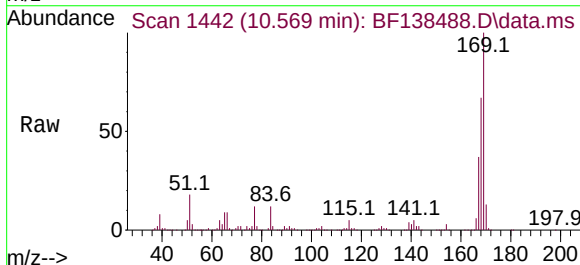
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

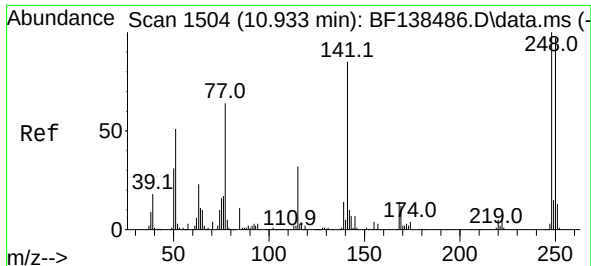
Tgt Ion:198 Resp: 141131  
Ion Ratio Lower Upper  
198 100  
51 45.3 27.2 67.2  
105 36.3 18.5 58.5



#66  
n-Nitrosodiphenylamine  
Concen: 56.990 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. 0.006 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:169 Resp: 624543  
Ion Ratio Lower Upper  
169 100  
168 67.3 51.7 77.5  
167 36.8 28.5 42.7

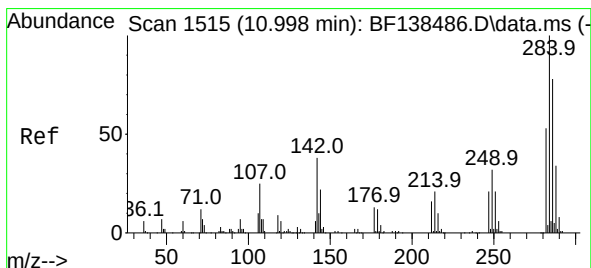
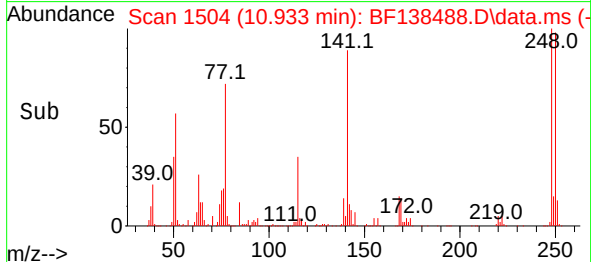
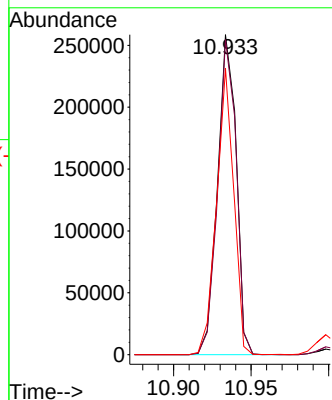
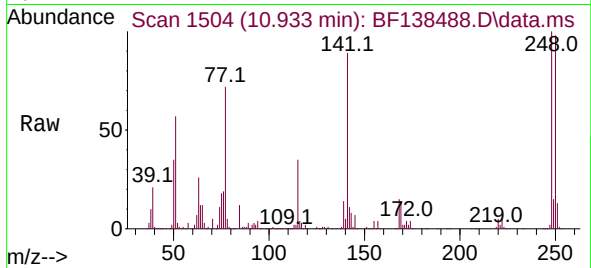




#67  
4-Bromophenyl-phenylether  
Concen: 57.721 ng  
RT: 10.933 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

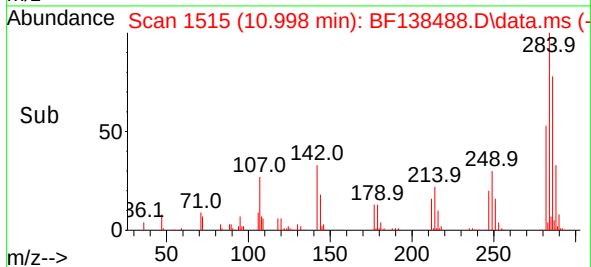
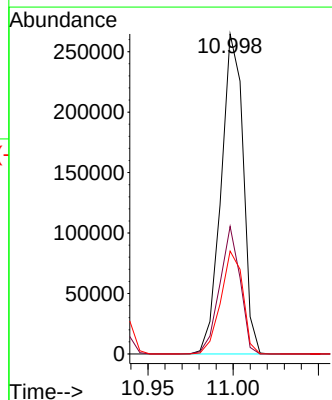
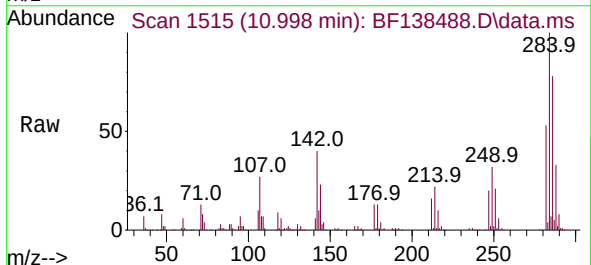
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

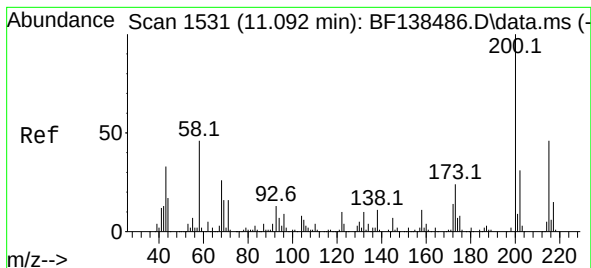
Tgt Ion:248 Resp: 216999  
Ion Ratio Lower Upper  
248 100  
250 98.5 77.9 116.9  
141 89.4 67.7 101.5



#68  
Hexachlorobenzene  
Concen: 57.019 ng  
RT: 10.998 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

Tgt Ion:284 Resp: 238140  
Ion Ratio Lower Upper  
284 100  
142 39.8 30.5 45.7  
249 32.1 25.9 38.9





#69

Atrazine

Concen: 56.520 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

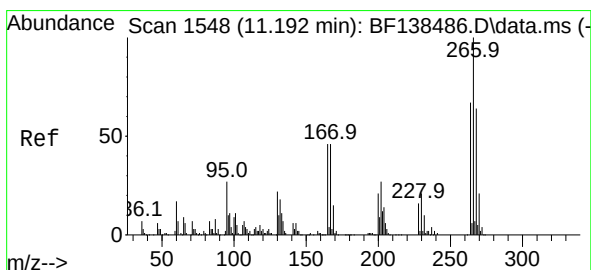
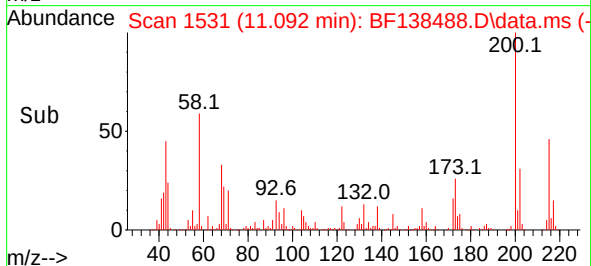
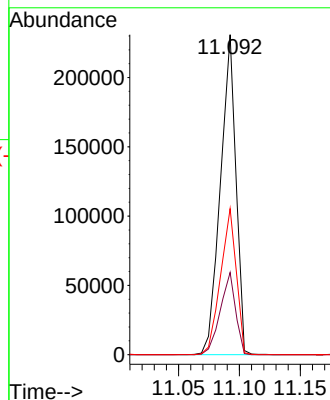
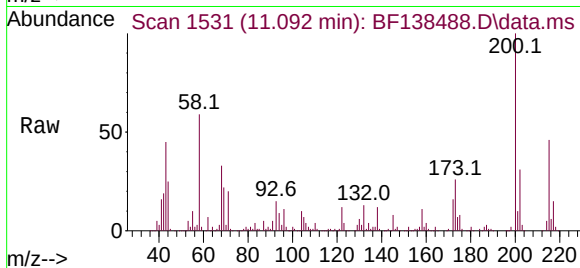
Tgt Ion:200 Resp: 205357

Ion Ratio Lower Upper

200 100

173 25.7 4.1 44.1

215 45.7 26.5 66.5



#70

Pentachlorophenol

Concen: 63.826 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

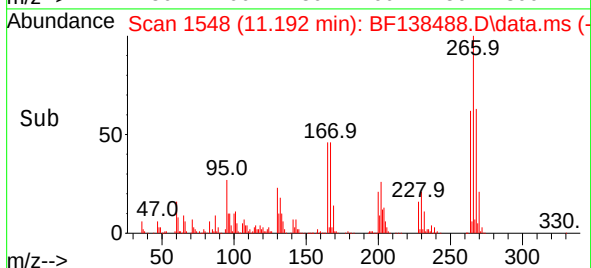
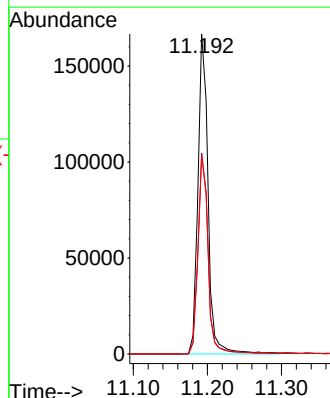
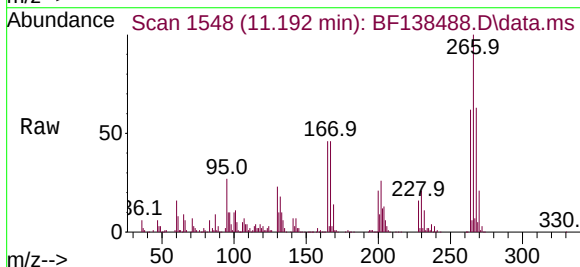
Tgt Ion:266 Resp: 157737

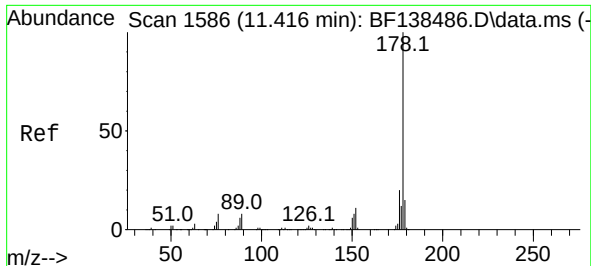
Ion Ratio Lower Upper

266 100

268 62.7 50.9 76.3

264 62.2 53.5 80.3

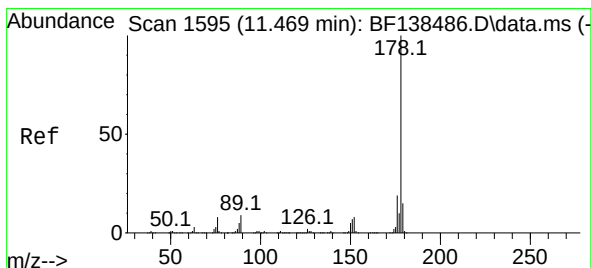
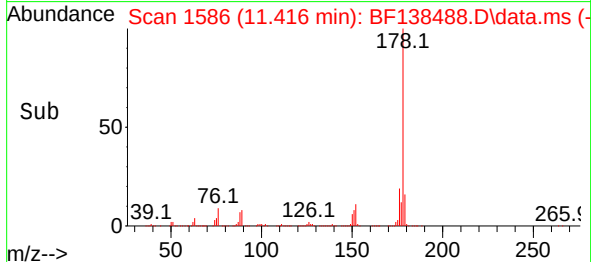
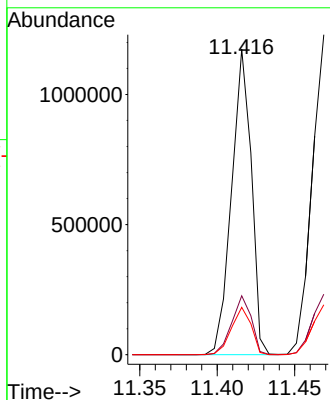
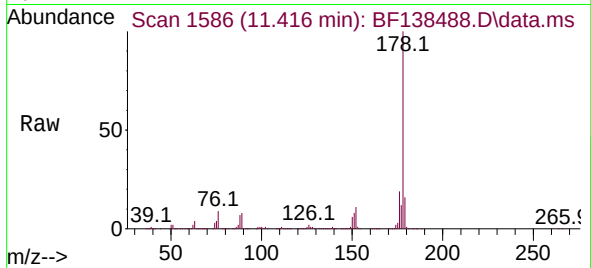




#71  
Phenanthrene  
Concen: 56.208 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

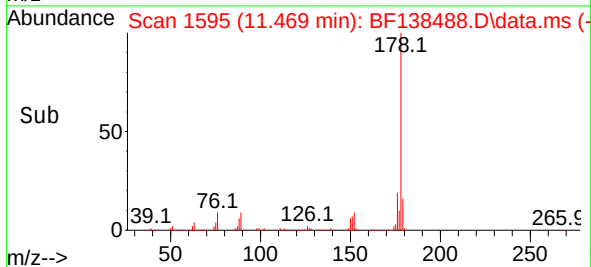
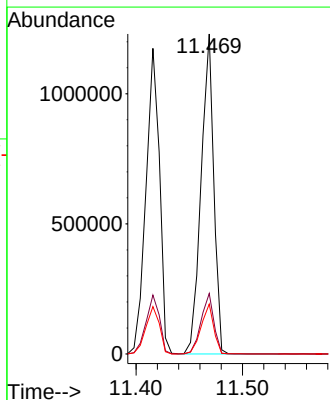
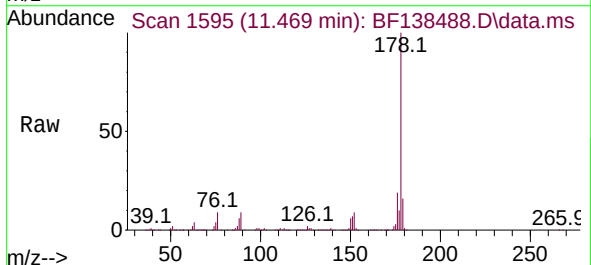
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

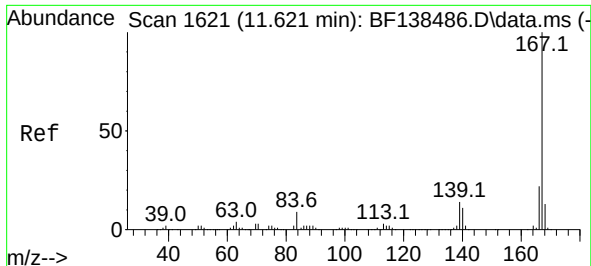
Tgt Ion:178 Resp: 1038682  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.7 23.5  
179 15.5 12.2 18.2



#72  
Anthracene  
Concen: 55.791 ng  
RT: 11.469 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: BF138488.D  
Acq: 09 Jul 2024 15:32

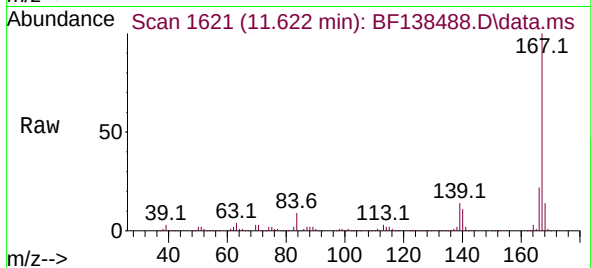
Tgt Ion:178 Resp: 1023399  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.8 22.2  
179 15.6 12.2 18.4



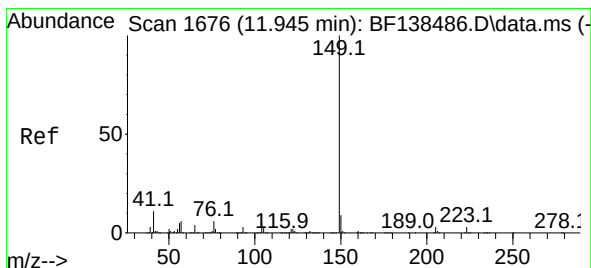
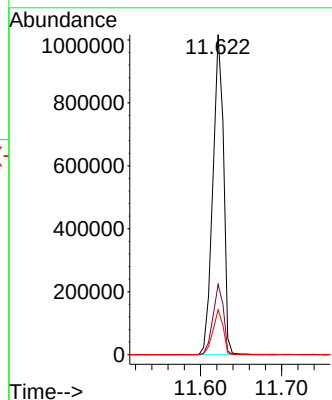
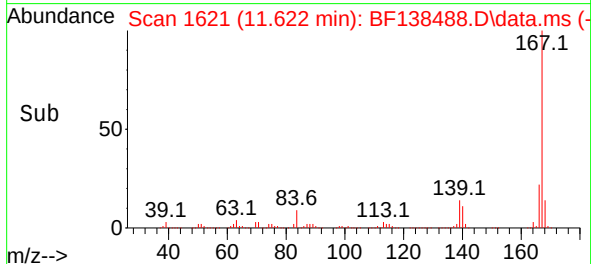


#73  
 Carbazole  
 Concen: 56.243 ng  
 RT: 11.622 min Scan# 1621  
 Delta R.T. 0.000 min  
 Lab File: BF138488.D  
 Acq: 09 Jul 2024 15:32

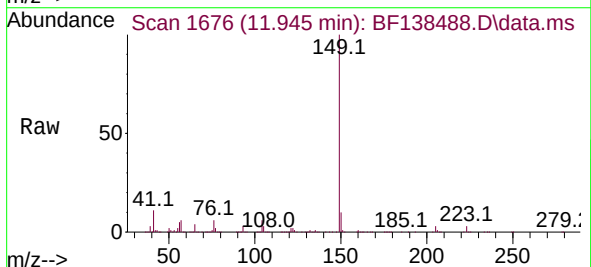
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060



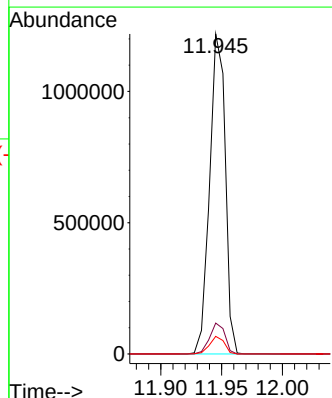
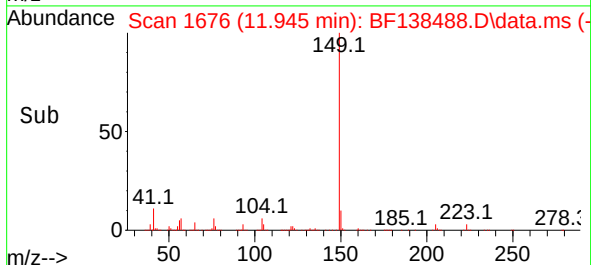
Tgt Ion:167 Resp: 927164  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.8 26.6  
 139 14.1 11.0 16.4



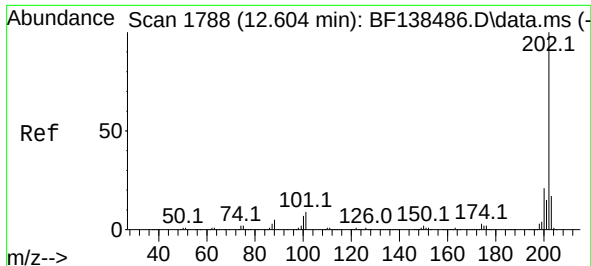
#74  
 Di-n-butylphthalate  
 Concen: 57.241 ng  
 RT: 11.945 min Scan# 1676  
 Delta R.T. 0.000 min  
 Lab File: BF138488.D  
 Acq: 09 Jul 2024 15:32



Tgt Ion:149 Resp: 1087670  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.4 11.0  
 104 5.5 4.4 6.6







#75

Fluoranthene

Concen: 54.757 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

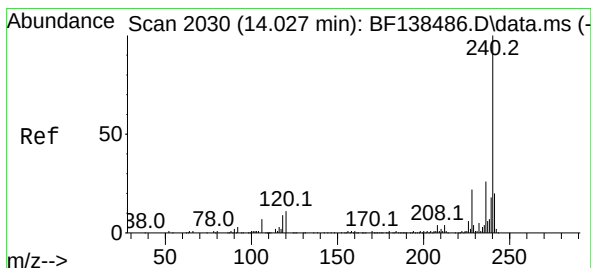
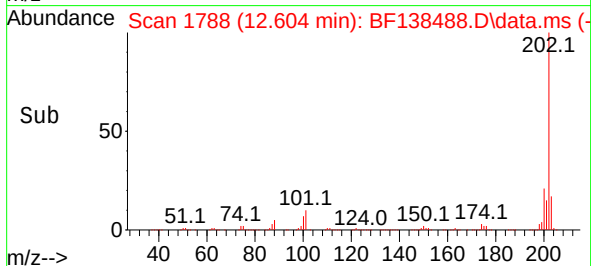
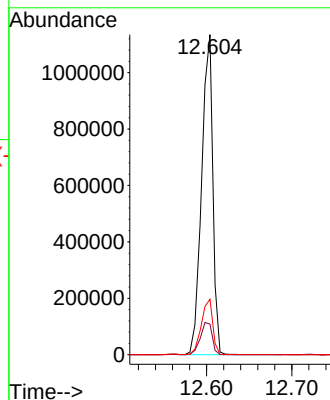
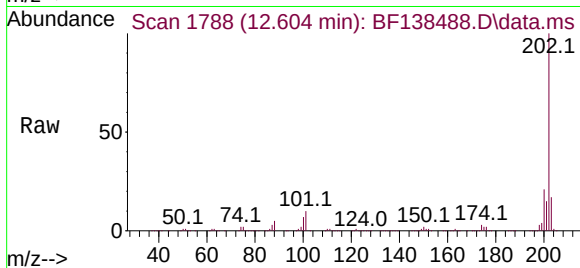
Tgt Ion:202 Resp: 1032505

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.2

203 17.4 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

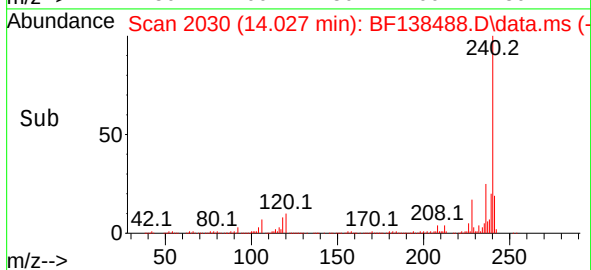
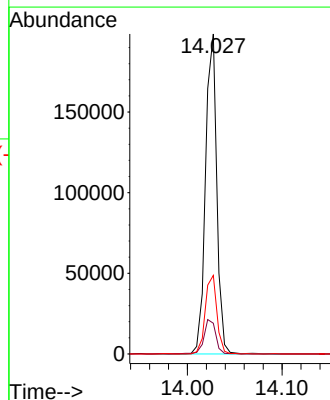
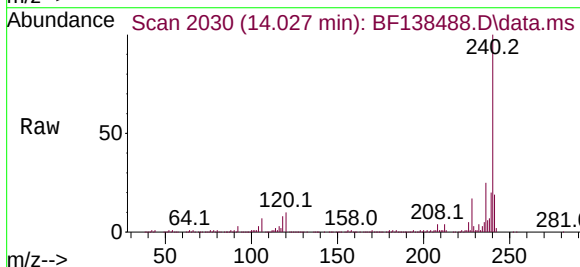
Tgt Ion:240 Resp: 163881

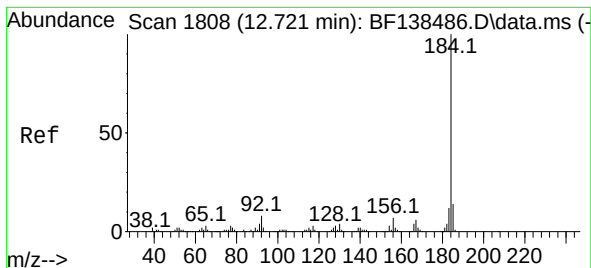
Ion Ratio Lower Upper

240 100

120 9.6 8.6 12.8

236 24.6 21.0 31.6





#77

Benzidine

Concen: 49.899 ng

RT: 12.722 min Scan# 1808

Delta R.T. 0.001 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

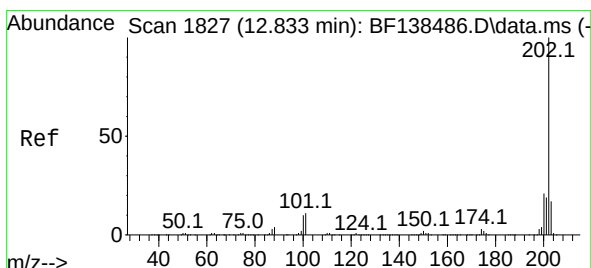
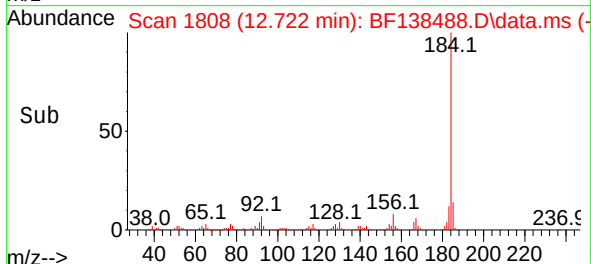
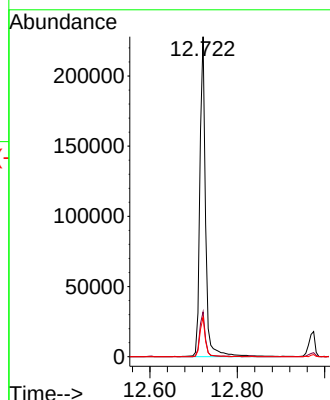
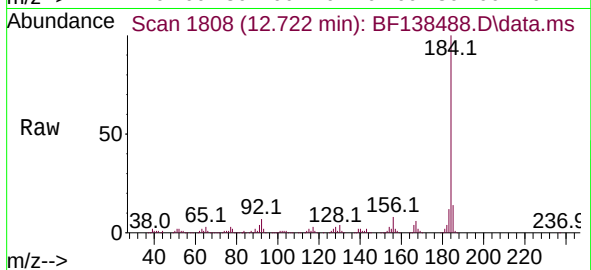
Tgt Ion:184 Resp: 206318

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 12.3 9.5 14.3



#78

Pyrene

Concen: 62.098 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

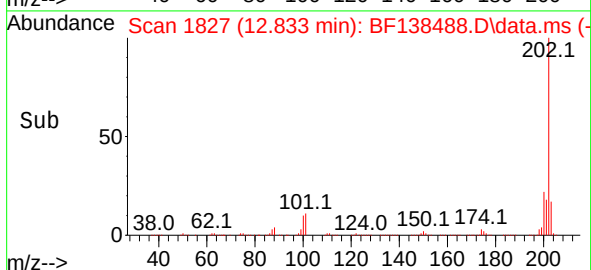
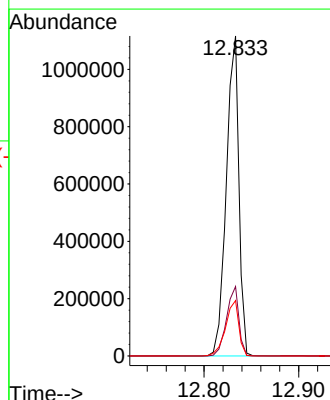
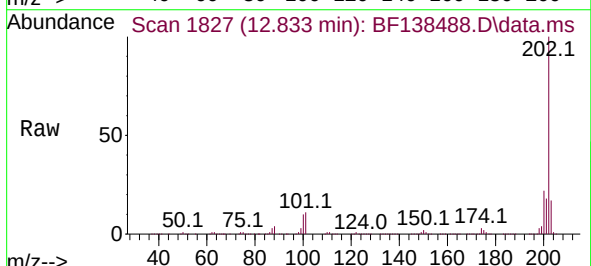
Tgt Ion:202 Resp: 1033064

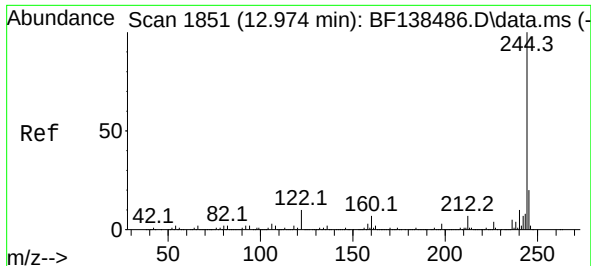
Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.6

203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 120.486 ng

RT: 12.975 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

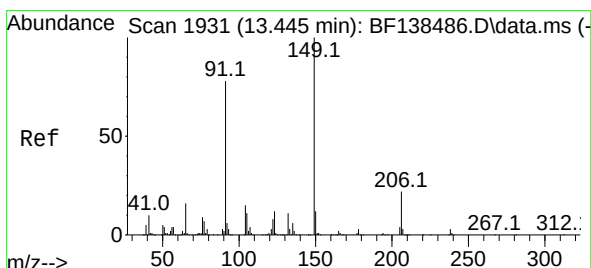
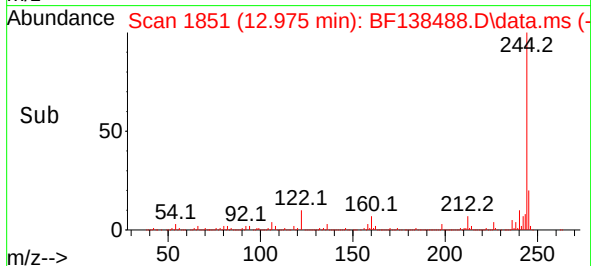
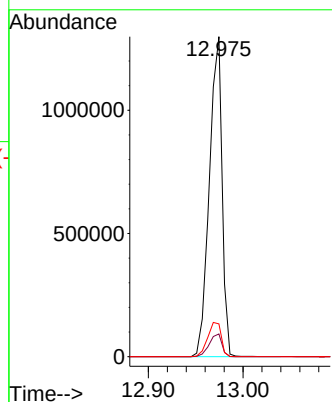
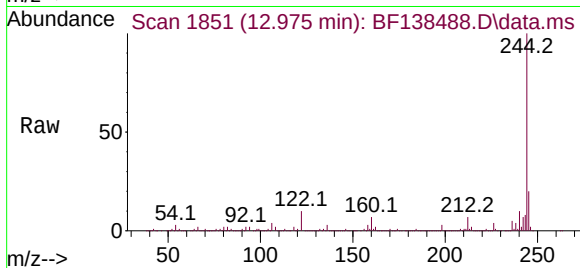
Tgt Ion:244 Resp: 1212025

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 10.3 7.8 11.8



#80

Butylbenzylphthalate

Concen: 63.091 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

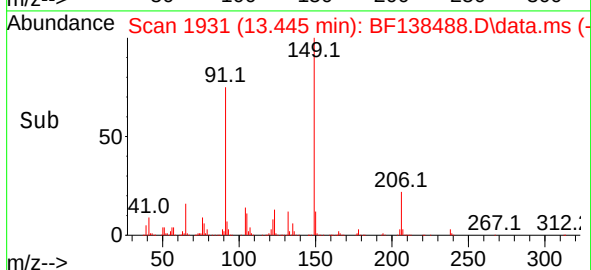
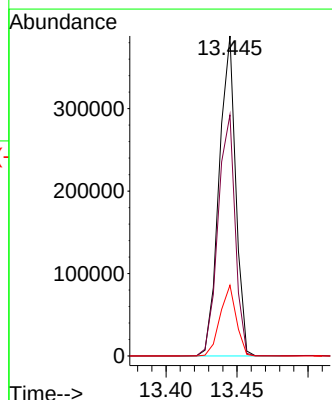
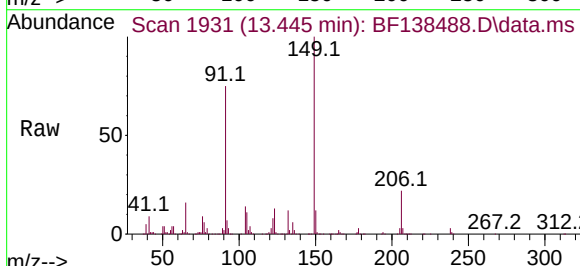
Tgt Ion:149 Resp: 315735

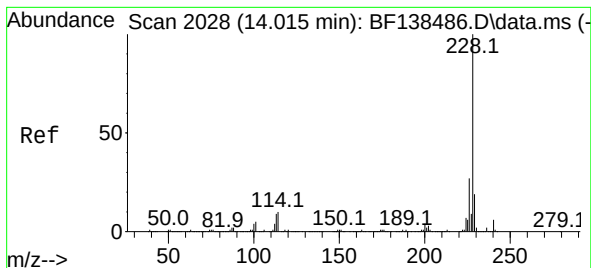
Ion Ratio Lower Upper

149 100

91 75.4 62.1 93.1

206 22.1 18.0 27.0





#81

Benzo(a)anthracene

Concen: 58.092 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

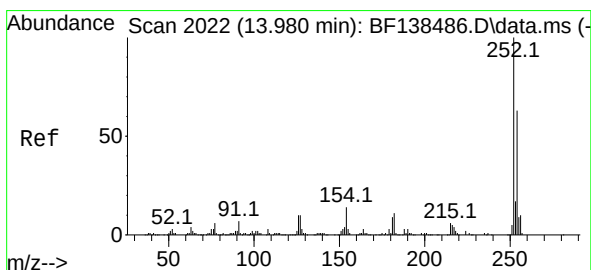
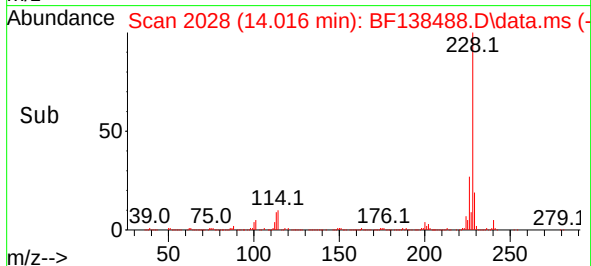
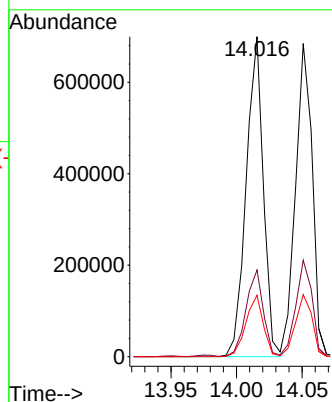
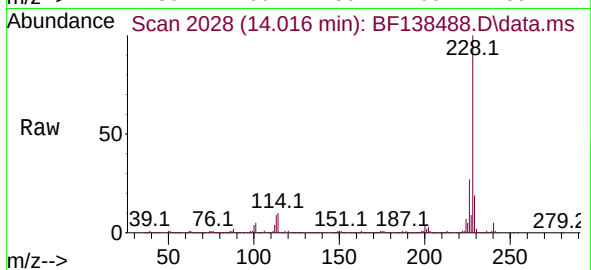
Tgt Ion:228 Resp: 638802

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

229 19.2 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 57.864 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

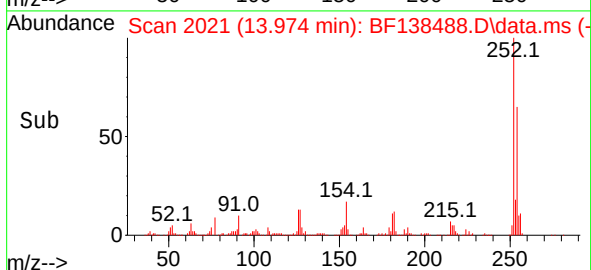
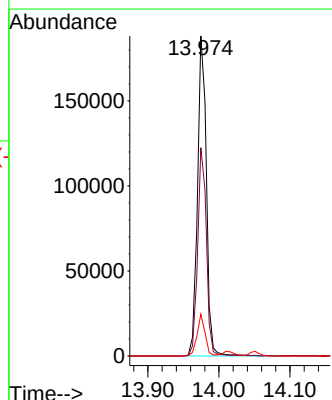
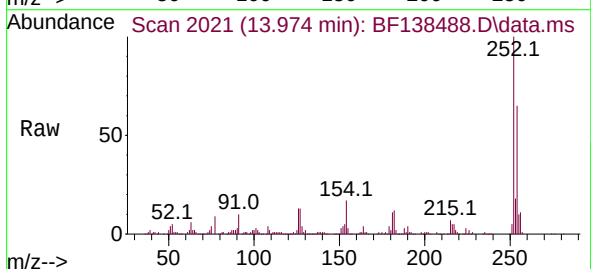
Tgt Ion:252 Resp: 163958

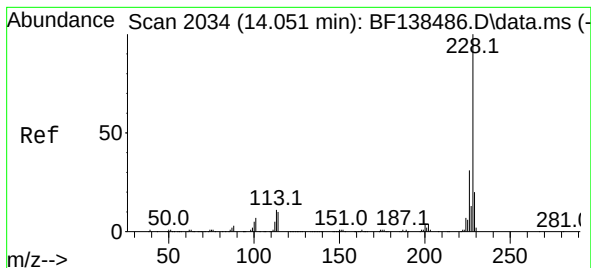
Ion Ratio Lower Upper

252 100

254 65.1 50.3 75.5

126 13.1 8.1 12.1#





#83

Chrysene

Concen: 58.194 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

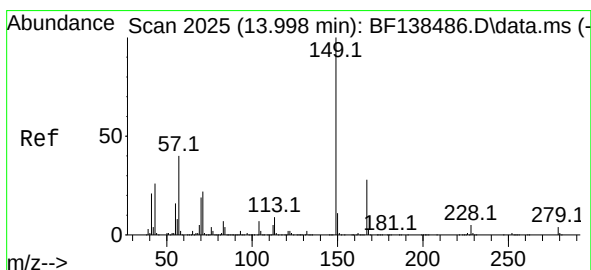
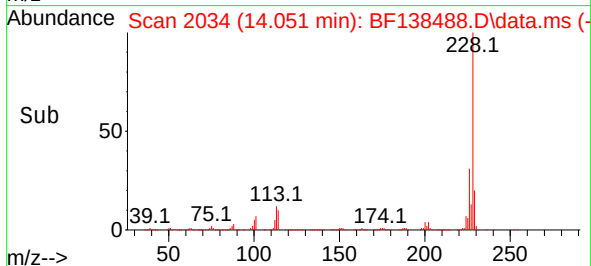
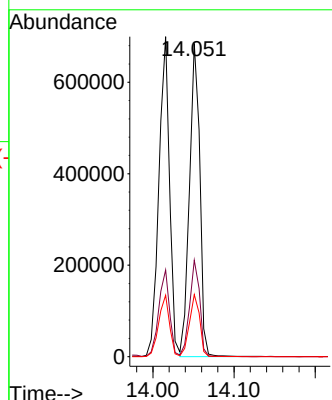
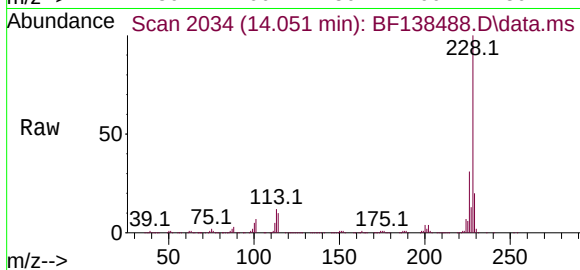
Tgt Ion:228 Resp: 605378

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.025 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

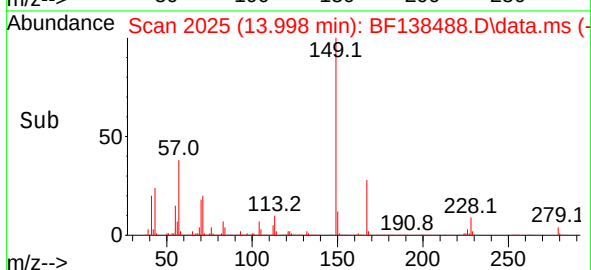
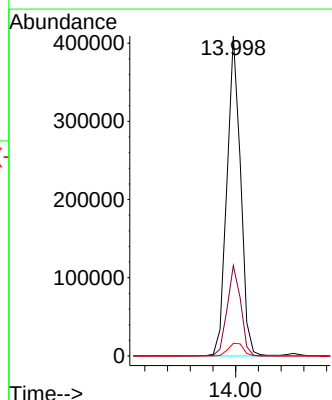
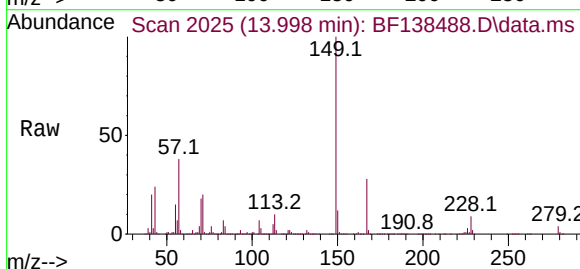
Tgt Ion:149 Resp: 341723

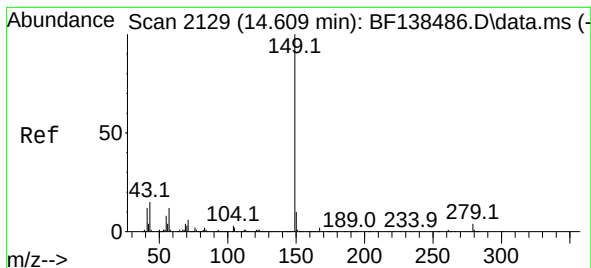
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 65.434 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

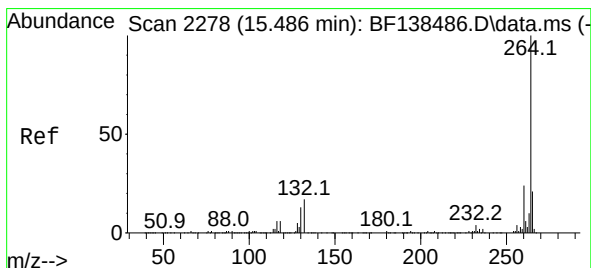
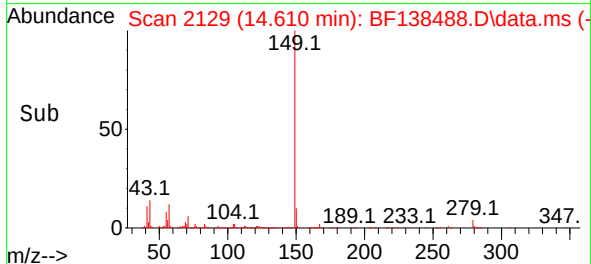
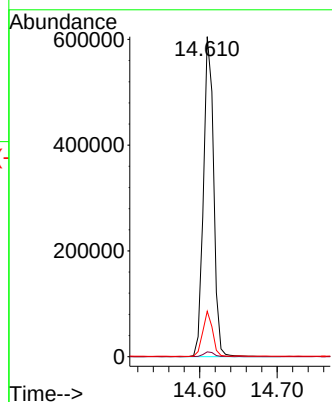
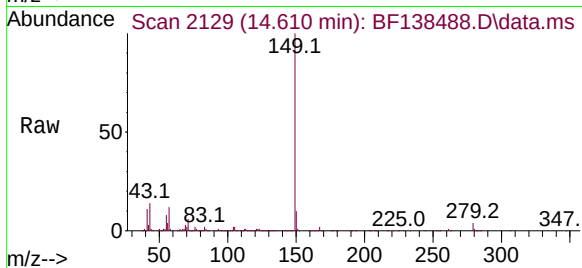
Tgt Ion:149 Resp: 551716

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.6 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

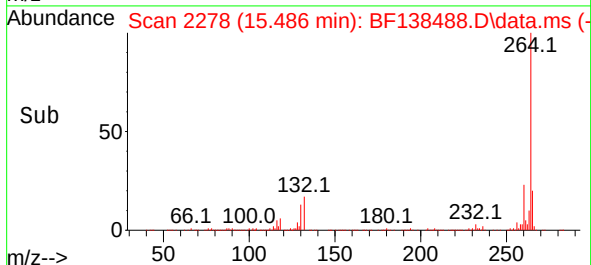
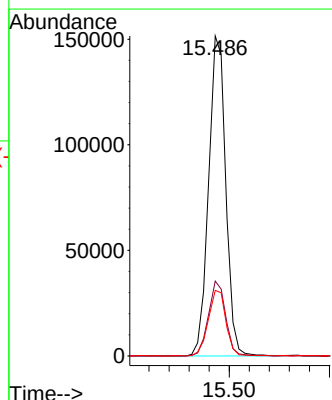
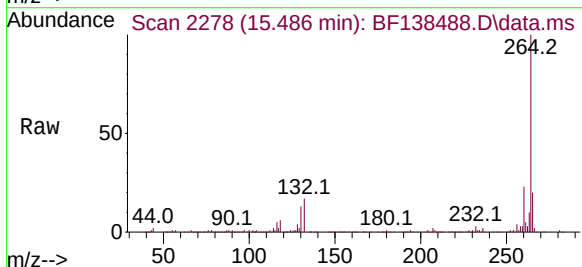
Tgt Ion:264 Resp: 180248

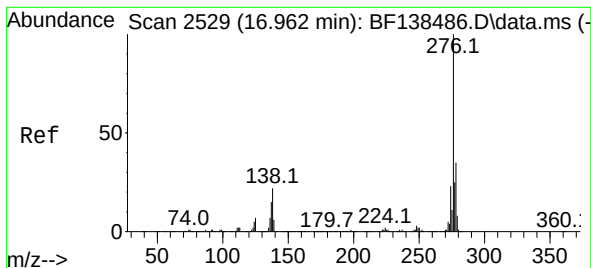
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 20.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.625 ng

RT: 16.968 min Scan# 2529

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

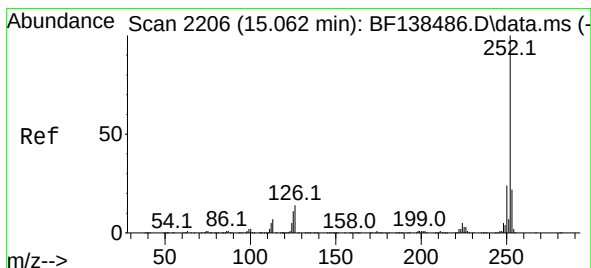
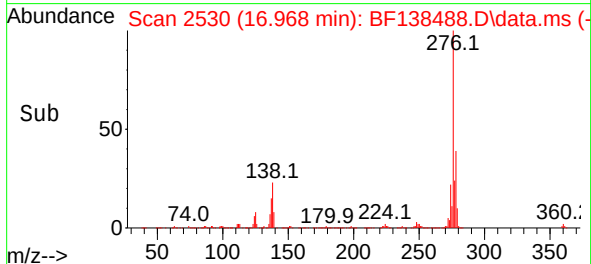
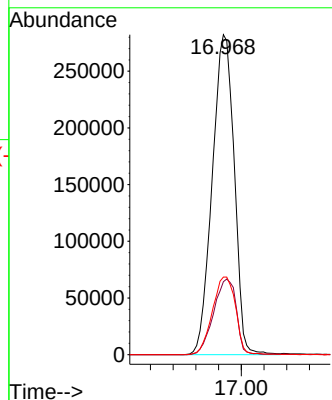
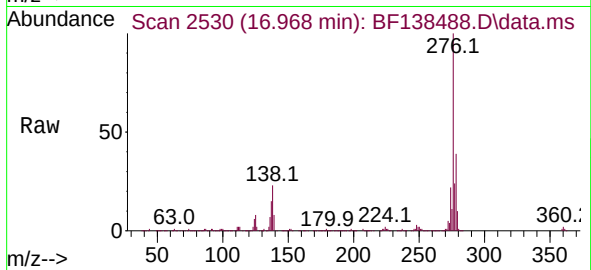
Tgt Ion:276 Resp: 758224

Ion Ratio Lower Upper

276 100

138 24.5 19.6 29.4

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 54.371 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

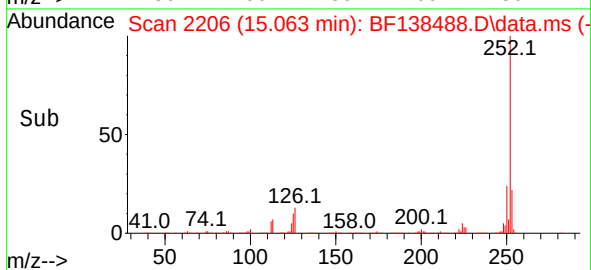
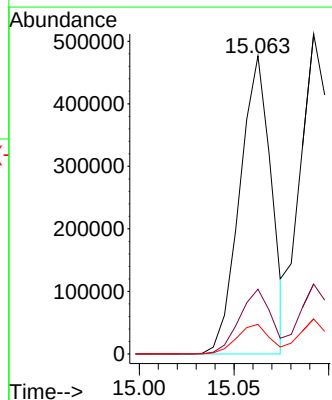
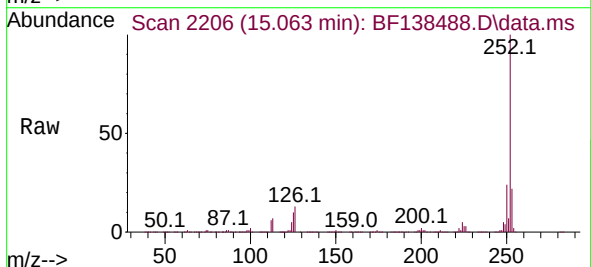
Tgt Ion:252 Resp: 551925

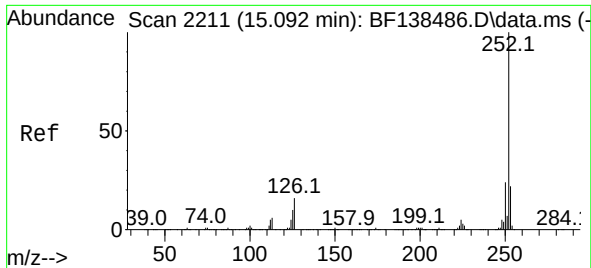
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.9 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 54.709 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

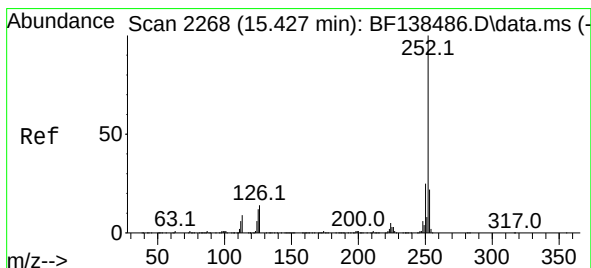
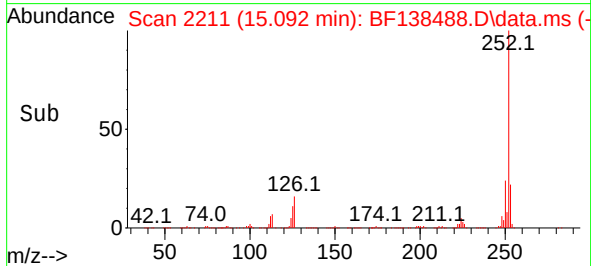
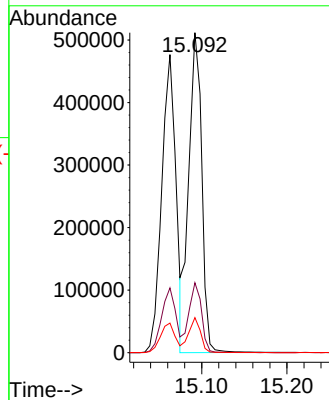
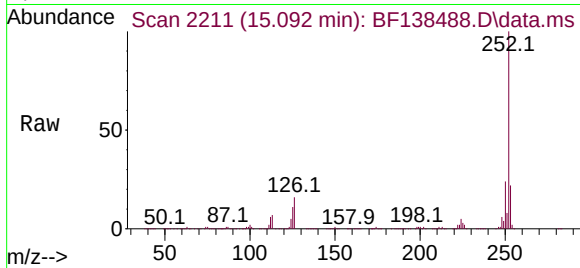
Tgt Ion:252 Resp: 541626

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.0 8.1 12.1



#90

Benzo(a)pyrene

Concen: 57.721 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

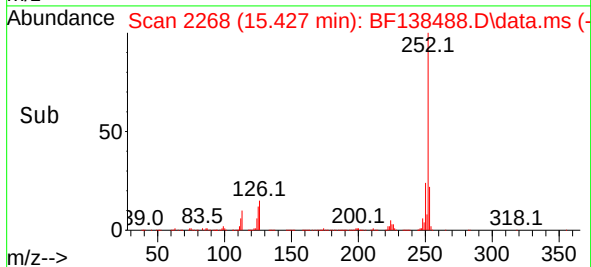
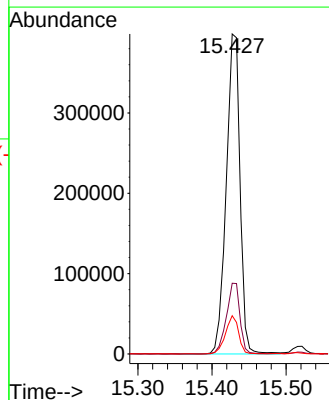
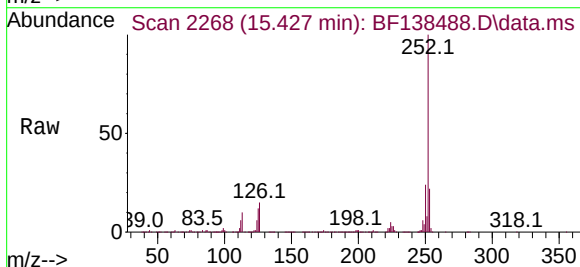
Tgt Ion:252 Resp: 514712

Ion Ratio Lower Upper

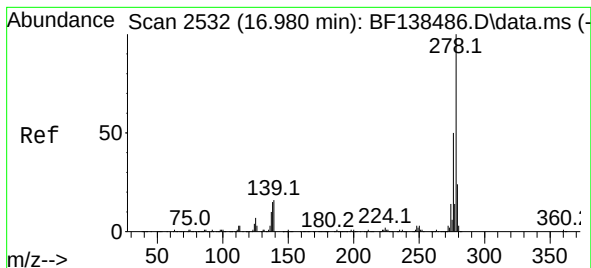
252 100

253 22.1 17.4 26.0

125 11.9 9.4 14.2







#91

Dibenzo(a,h)anthracene

Concen: 61.792 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

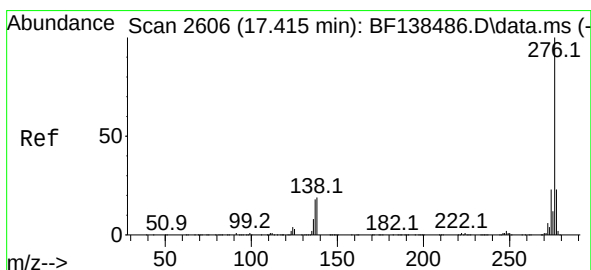
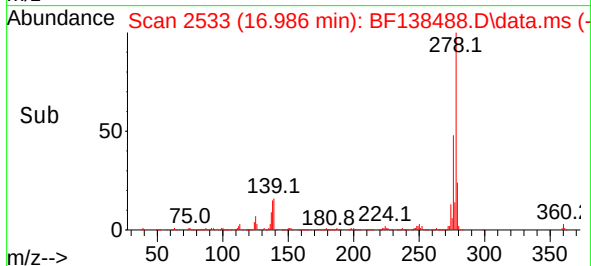
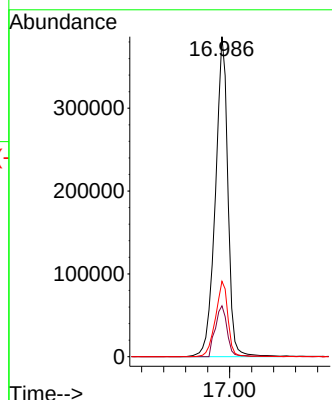
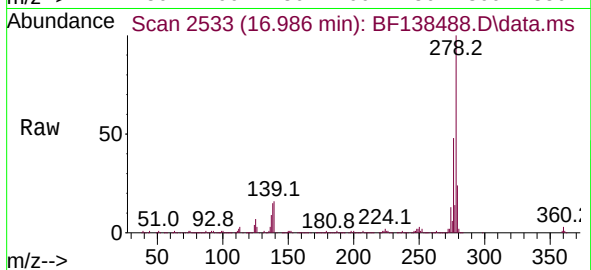
Tgt Ion:278 Resp: 611983

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 62.447 ng

RT: 17.421 min Scan# 2607

Delta R.T. 0.006 min

Lab File: BF138488.D

Acq: 09 Jul 2024 15:32

Tgt Ion:276 Resp: 655813

Ion Ratio Lower Upper

276 100

277 23.8 18.0 27.0

138 21.0 15.5 23.3

