

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071224\  
 Data File : BF138540.D  
 Acq On : 12 Jul 2024 11:53  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 12 12:37:59 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 16:58:40 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 106955   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 428334   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 243475   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 416275   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 201676   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.492 | 264  | 196107   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 531713   | 78.734 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 718604   | 79.989 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 691864   | 79.305 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 182392   | 80.154 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1210125  | 77.680 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 1042670  | 84.226 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.657  | 88   | 118917   | 39.759 | ng    | 98       |
| 3) Pyridine                   | 3.410  | 79   | 294025   | 39.863 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.375  | 42   | 184468   | 38.418 | ng    | 95       |
| 6) Aniline                    | 6.534  | 93   | 337683   | 40.130 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 287914   | 40.319 | ng    | 99       |
| 9) Benzaldehyde               | 6.416  | 77   | 171967   | 35.762 | ng    | 92       |
| 10) Phenol                    | 6.522  | 94   | 380375   | 39.889 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 286428   | 39.895 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 322810   | 40.217 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 322975   | 39.624 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.039  | 146  | 300978   | 39.647 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 267297   | 39.646 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 538505   | 38.141 | ng    | 96       |
| 17) 2-Methylphenol            | 7.128  | 107  | 232055   | 39.652 | ng    | 98       |
| 18) Hexachloroethane          | 7.381  | 117  | 124538   | 41.561 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.286  | 70   | 217305   | 39.146 | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 291362   | 39.535 | ng    | 96       |
| 22) Acetophenone              | 7.281  | 105  | 402879   | 38.727 | ng    | 99       |
| 24) Nitrobenzene              | 7.457  | 77   | 353782   | 39.905 | ng    | 93       |
| 25) Isophorone                | 7.692  | 82   | 598910   | 39.975 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 158523   | 41.719 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 184468   | 39.499 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 359666   | 40.169 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 243489   | 40.149 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 279686   | 39.588 | ng    | 99       |
| 31) Naphthalene               | 8.175  | 128  | 874071   | 39.237 | ng    | 100      |
| 32) Benzoic acid              | 7.939  | 122  | 181858   | 40.828 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 303351   | 38.810 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.286  | 225  | 174701   | 40.156 | ng    | 98       |
| 35) Caprolactam               | 8.604  | 113  | 76154    | 38.914 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 269981   | 39.764 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 564875   | 39.403 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 551591   | 39.425 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 267521   | 39.424 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 82815    | 37.600 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 173318   | 40.041 | ng    | 98       |

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 Sample : SSTDCCC040  
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 ALS Vial : 2 Sample Multiplier: 1

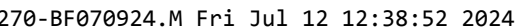
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

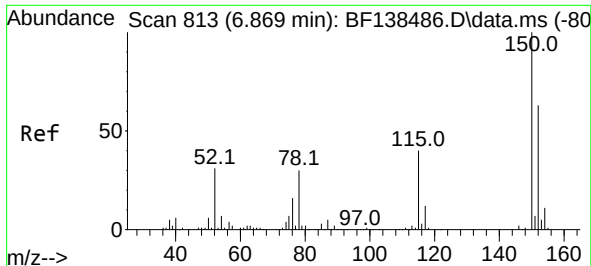
Quant Time: Jul 12 12:37:59 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 188874   | 39.672 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 721908   | 39.124 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 544193   | 39.040 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 187436   | 38.803 | ng    | 98       |
| 49) Acenaphthylene            | 9.769  | 152  | 776196   | 39.220 | ng    | 99       |
| 50) Dimethylphthalate         | 9.628  | 163  | 631381   | 40.104 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 144697   | 39.917 | ng    | 91       |
| 52) Acenaphthene              | 9.939  | 154  | 512068   | 38.925 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 143986   | 38.755 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 71790    | 39.416 | ng    | # 86     |
| 55) Dibenzofuran              | 10.110 | 168  | 741647   | 38.868 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.027 | 139  | 102177   | 37.272 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 190955   | 40.714 | ng    | 98       |
| 58) Fluorene                  | 10.451 | 166  | 585953   | 38.810 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.227 | 232  | 153961   | 40.976 | ng    | 98       |
| 60) Diethylphthalate          | 10.327 | 149  | 614740   | 40.504 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 299430   | 39.495 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 146462   | 39.340 | ng    | 98       |
| 63) Azobenzene                | 10.604 | 77   | 640835   | 39.272 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 106422   | 44.276 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 497594   | 39.897 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248  | 176879   | 41.341 | ng    | 96       |
| 68) Hexachlorobenzene         | 10.998 | 284  | 192806   | 40.564 | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 152308   | 36.834 | ng    | 99       |
| 70) Pentachlorophenol         | 11.192 | 266  | 112508   | 40.002 | ng    | 98       |
| 71) Phenanthrene              | 11.416 | 178  | 817768   | 38.885 | ng    | 100      |
| 72) Anthracene                | 11.469 | 178  | 818204   | 39.193 | ng    | 99       |
| 73) Carbazole                 | 11.621 | 167  | 720608   | 38.410 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.945 | 149  | 920466   | 42.565 | ng    | 99       |
| 75) Fluoranthene              | 12.598 | 202  | 830324   | 38.693 | ng    | 98       |
| 77) Benzidine                 | 12.721 | 184  | 179163   | 35.211 | ng    | 99       |
| 78) Pyrene                    | 12.833 | 202  | 820636   | 40.084 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.445 | 149  | 281290   | 45.674 | ng    | 96       |
| 81) Benzo(a)anthracene        | 14.015 | 228  | 533815   | 39.447 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.974 | 252  | 140601   | 40.322 | ng    | # 99     |
| 83) Chrysene                  | 14.051 | 228  | 500199   | 39.073 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.998 | 149  | 341421   | 51.980 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.610 | 149  | 535502   | 51.609 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 507535   | 38.530 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.062 | 252  | 430935   | 39.019 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.092 | 252  | 428609   | 39.792 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.427 | 252  | 383032   | 39.480 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.980 | 278  | 421516   | 39.119 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.409 | 276  | 426905   | 37.363 | ng    | 97       |

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

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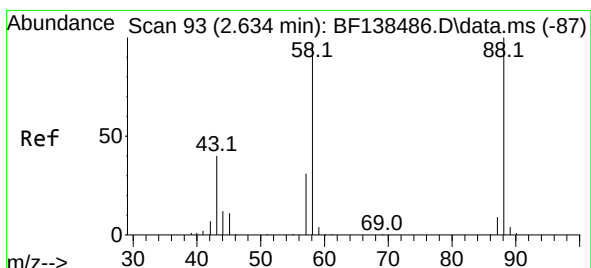
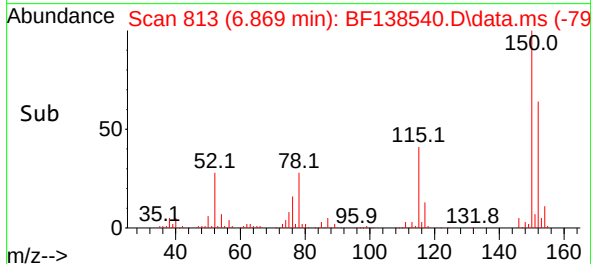
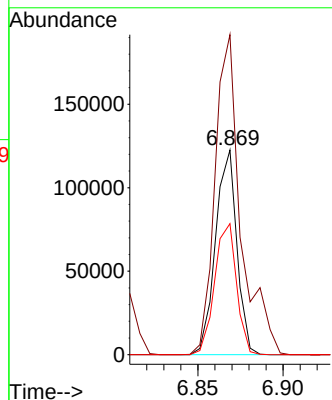
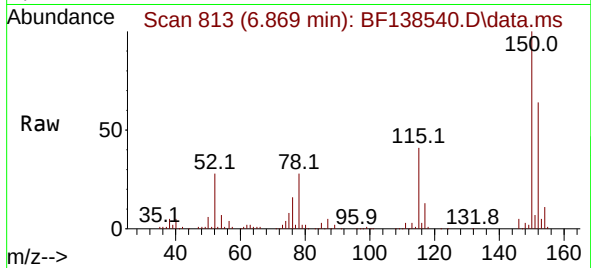




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

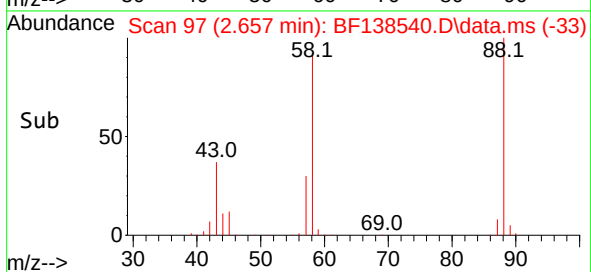
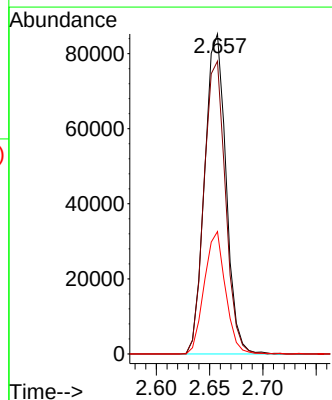
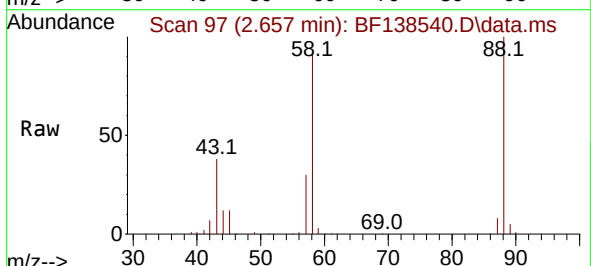
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

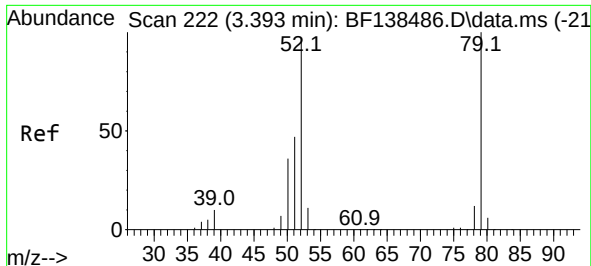
Tgt Ion:152 Resp: 106955  
Ion Ratio Lower Upper  
152 100  
150 156.3 126.2 189.4  
115 64.0 50.3 75.5



#2  
1,4-Dioxane  
Concen: 39.759 ng  
RT: 2.657 min Scan# 97  
Delta R.T. 0.024 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion: 88 Resp: 118917  
Ion Ratio Lower Upper  
88 100  
58 91.9 74.6 112.0  
43 38.0 31.8 47.6

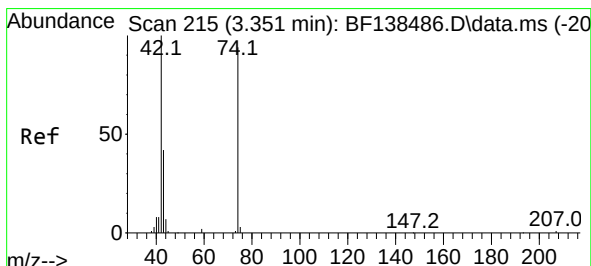
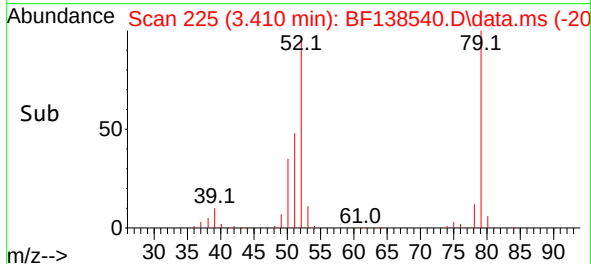
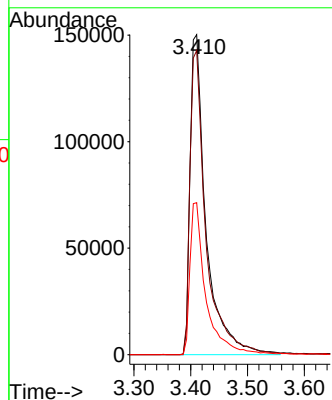
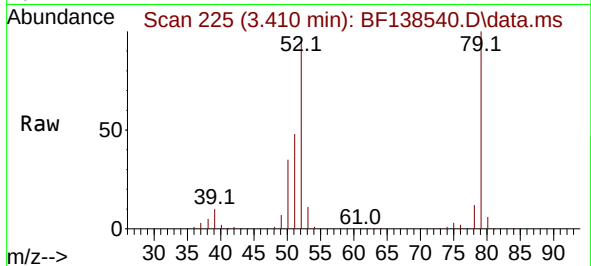




#3  
Pyridine  
Concen: 39.863 ng  
RT: 3.410 min Scan# 219  
Delta R.T. 0.018 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

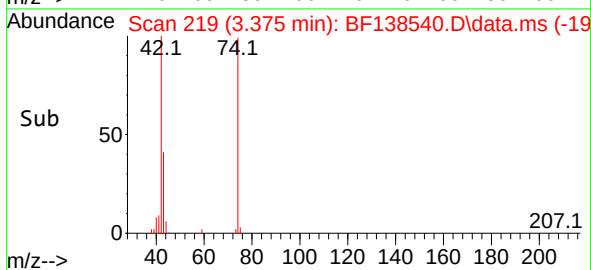
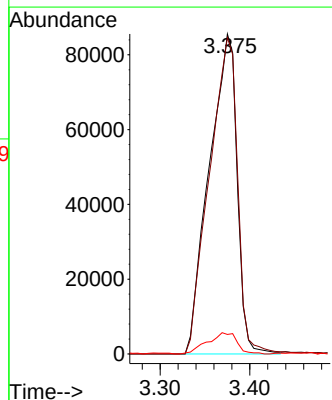
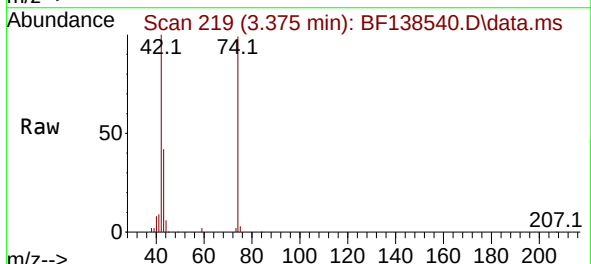
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ClientSampleId :  
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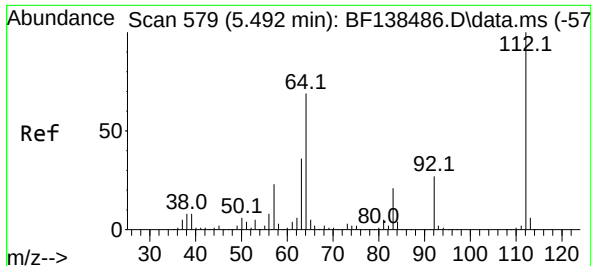
Tgt Ion: 79 Resp: 294025  
Ion Ratio Lower Upper  
79 100  
52 95.1 77.4 116.2  
51 47.5 37.4 56.0



#4  
n-Nitrosodimethylamine  
Concen: 38.418 ng  
RT: 3.375 min Scan# 219  
Delta R.T. 0.024 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion: 42 Resp: 184468  
Ion Ratio Lower Upper  
42 100  
74 98.9 75.0 112.6  
44 6.1 5.4 8.2

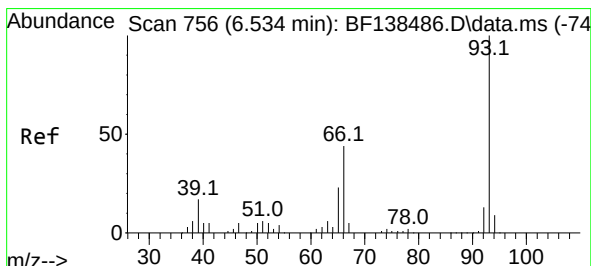
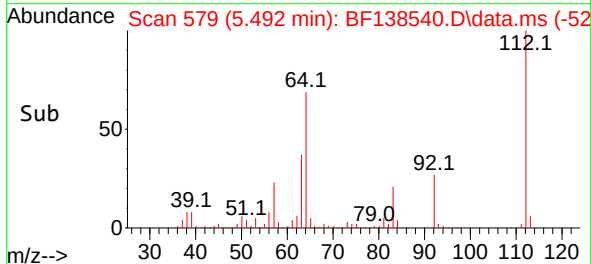
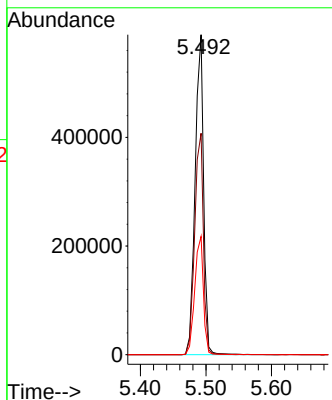
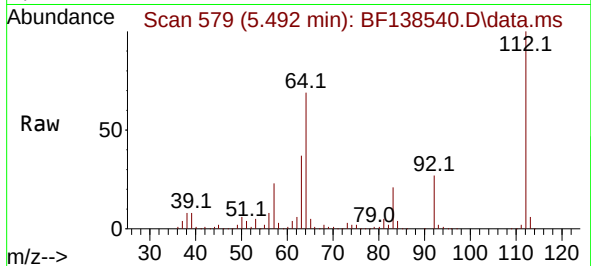




#5  
2-Fluorophenol  
Concen: 78.734 ng  
RT: 5.492 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

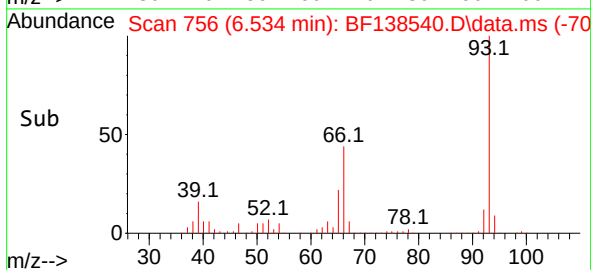
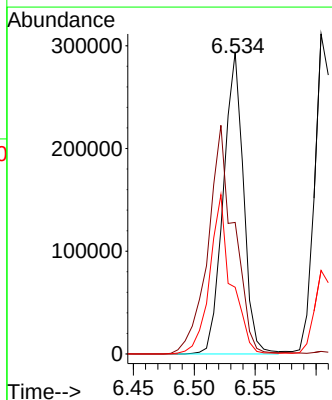
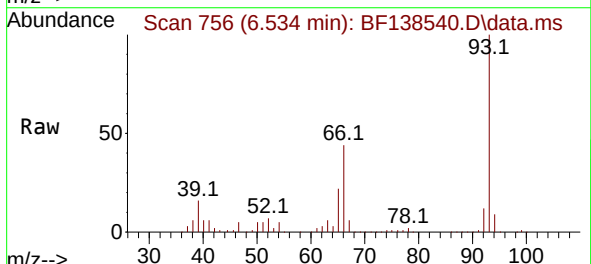
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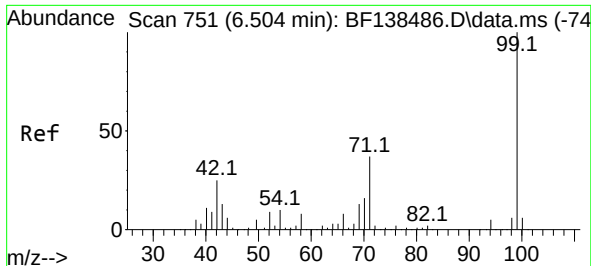
Tgt Ion:112 Resp: 531713  
Ion Ratio Lower Upper  
112 100  
64 69.2 55.1 82.7  
63 37.0 29.0 43.6



#6  
Aniline  
Concen: 40.130 ng  
RT: 6.534 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
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Tgt Ion: 93 Resp: 337683  
Ion Ratio Lower Upper  
93 100  
66 43.6 35.4 53.0  
65 22.1 18.6 27.8

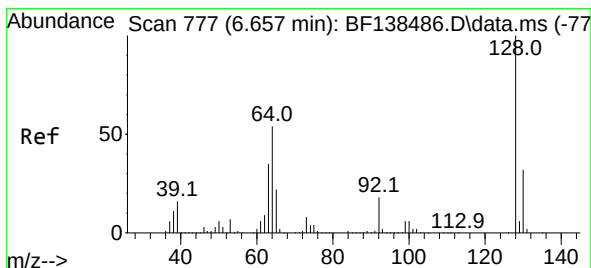
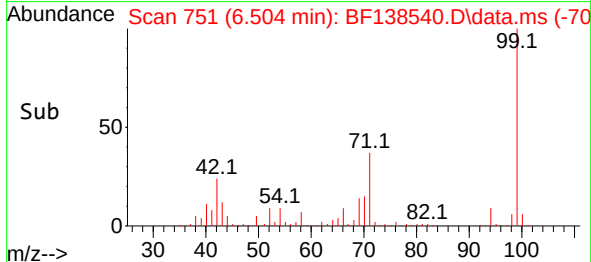
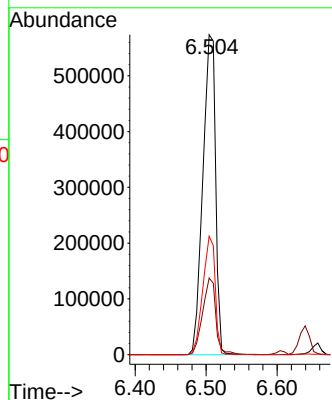
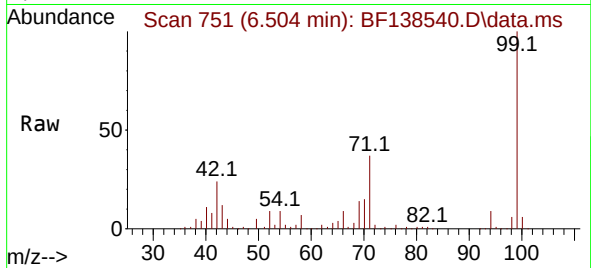




#7  
Phenol-d6  
Concen: 79.989 ng  
RT: 6.504 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

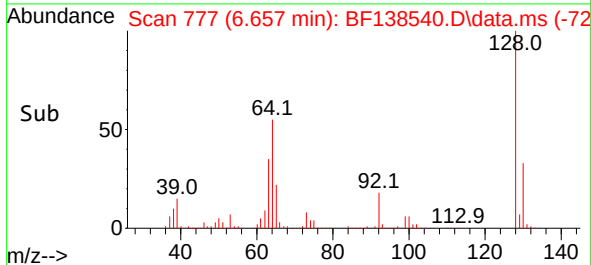
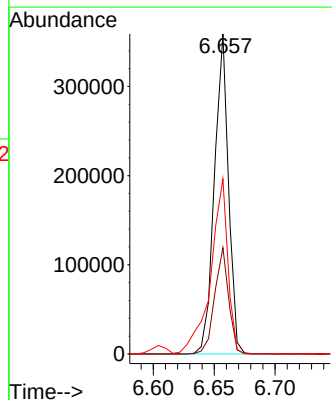
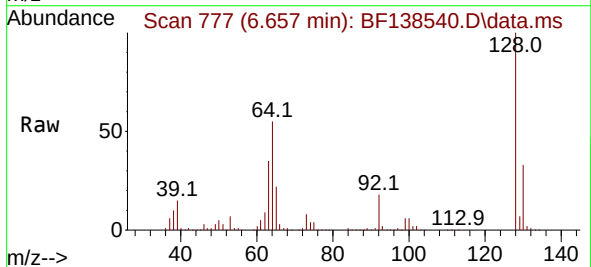
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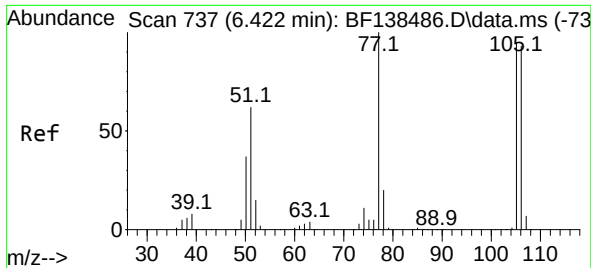
Tgt Ion: 99 Resp: 718604  
Ion Ratio Lower Upper  
99 100  
42 23.9 19.7 29.5  
71 37.0 29.9 44.9



#8  
2-Chlorophenol  
Concen: 40.319 ng  
RT: 6.657 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion: 128 Resp: 287914  
Ion Ratio Lower Upper  
128 100  
130 33.2 12.1 52.1  
64 54.7 34.4 74.4





#9

Benzaldehyde

Concen: 35.762 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

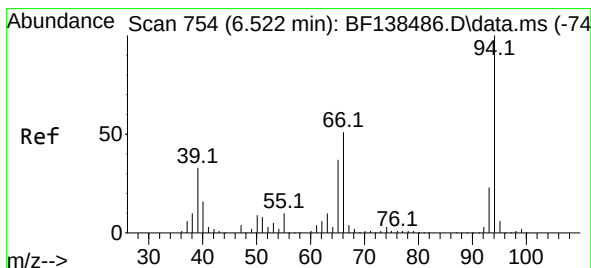
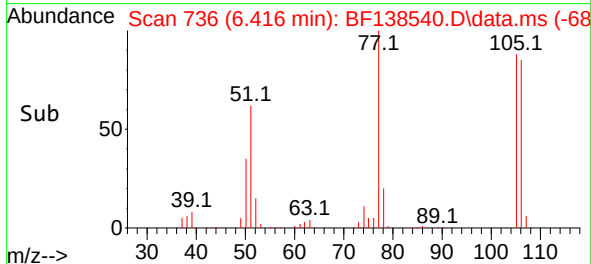
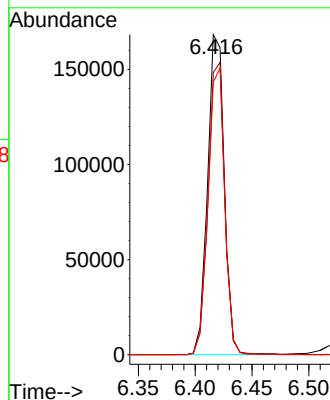
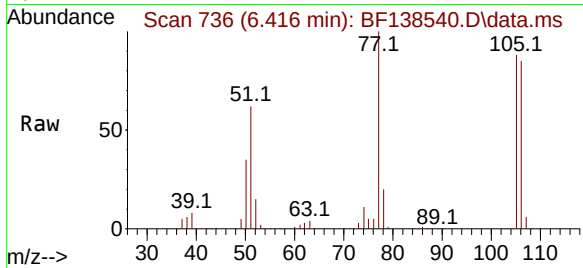
Tgt Ion: 77 Resp: 171967

Ion Ratio Lower Upper

77 100

105 88.2 75.1 115.1

106 85.2 73.2 113.2



#10

Phenol

Concen: 39.889 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

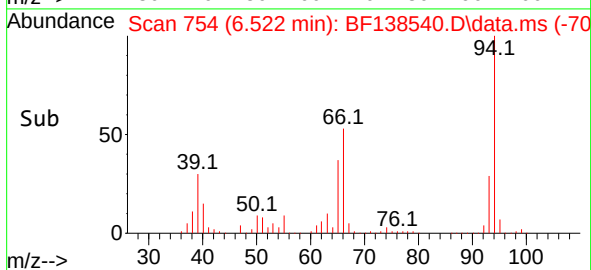
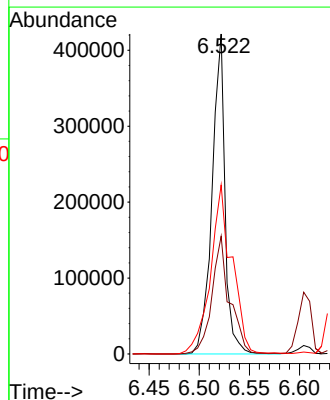
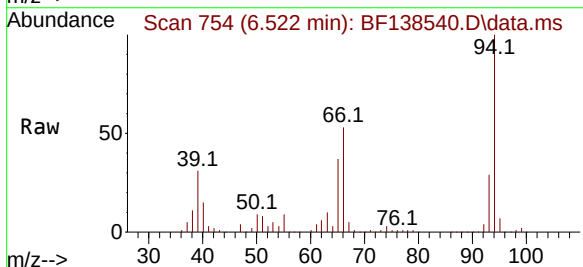
Tgt Ion: 94 Resp: 380375

Ion Ratio Lower Upper

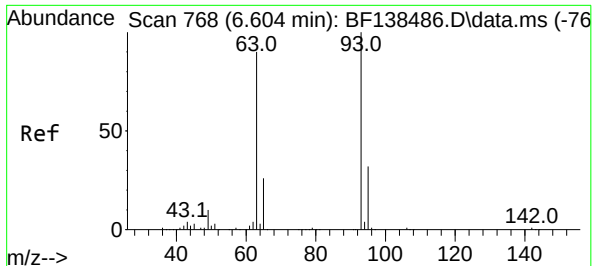
94 100

65 36.8 16.7 56.7

66 52.8 31.2 71.2







#11

bis(2-Chloroethyl)ether

Concen: 39.895 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

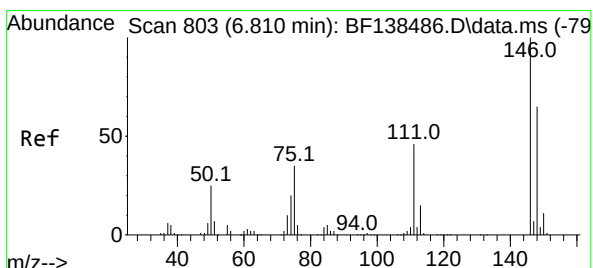
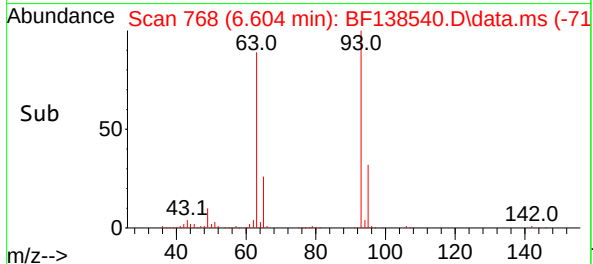
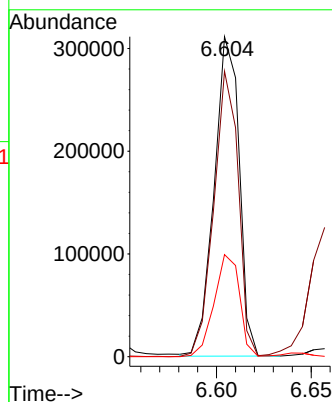
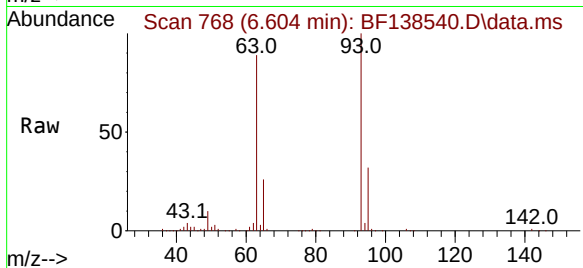
Tgt Ion: 93 Resp: 286428

Ion Ratio Lower Upper

93 100

63 89.2 68.8 108.8

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.217 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

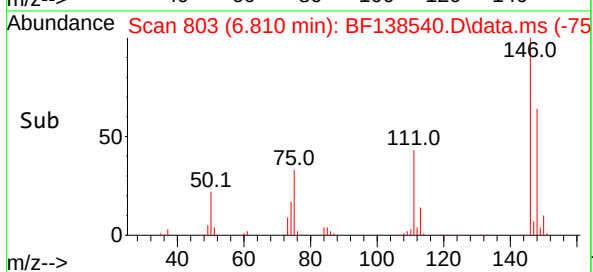
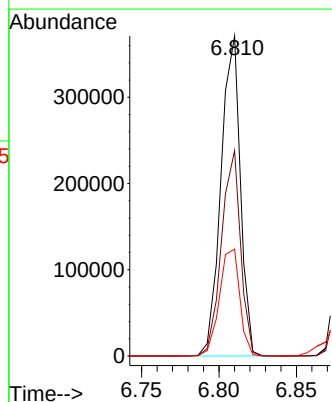
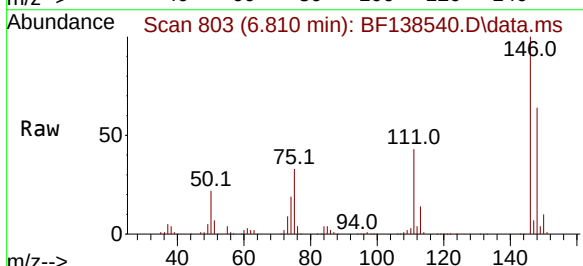
Tgt Ion: 146 Resp: 322810

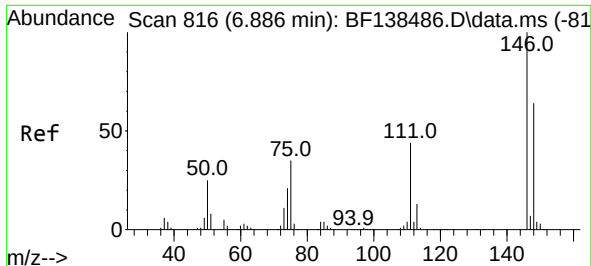
Ion Ratio Lower Upper

146 100

148 64.2 52.4 78.6

75 33.4 27.8 41.8

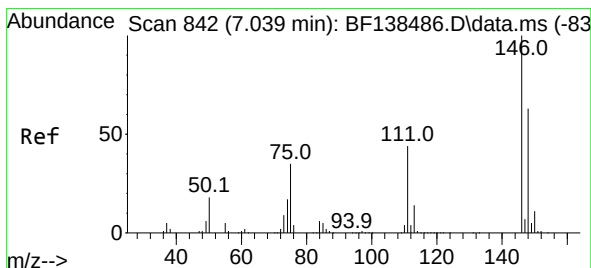
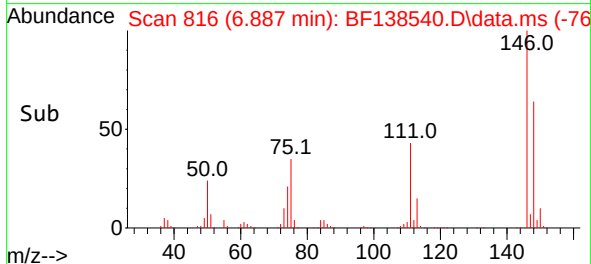
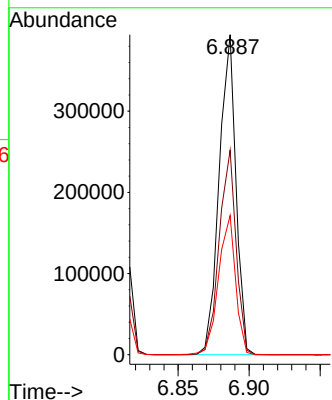
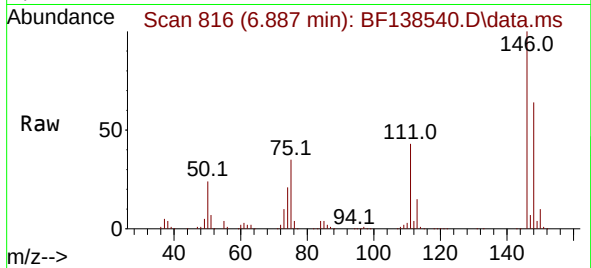




#13  
1,4-Dichlorobenzene  
Concen: 39.624 ng  
RT: 6.887 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

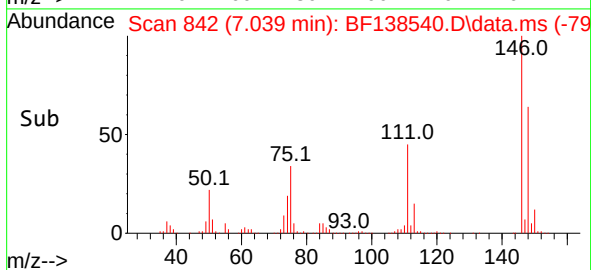
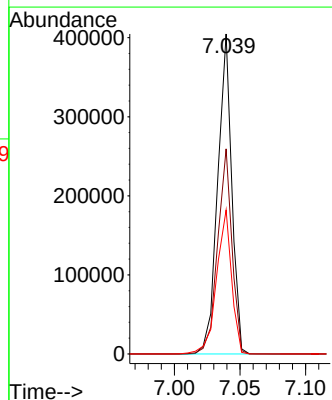
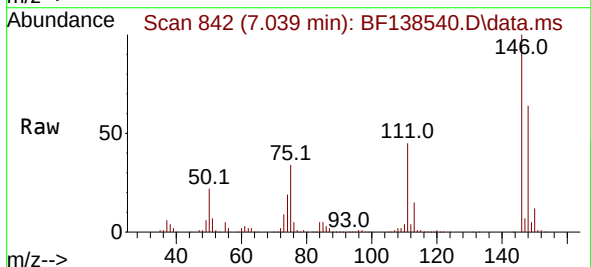
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

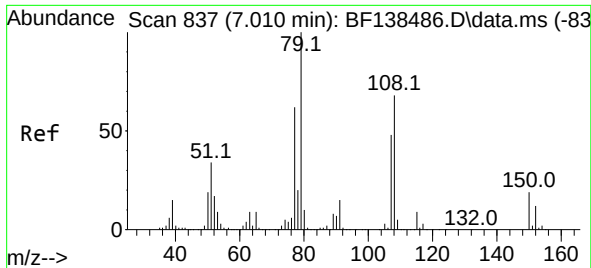
Tgt Ion:146 Resp: 322975  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.6 77.4  
111 43.5 34.9 52.3



#14  
1,2-Dichlorobenzene  
Concen: 39.647 ng  
RT: 7.039 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:146 Resp: 300978  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.1 75.1  
111 45.0 35.5 53.3

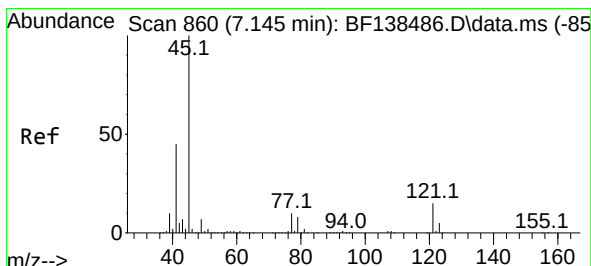
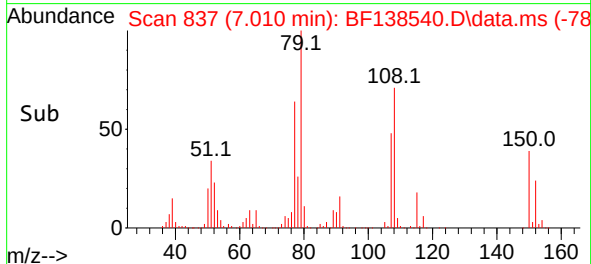
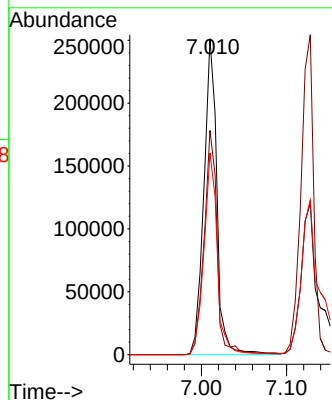
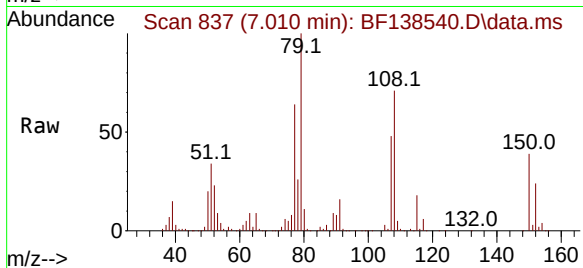




#15  
Benzyl Alcohol  
Concen: 39.646 ng  
RT: 7.010 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

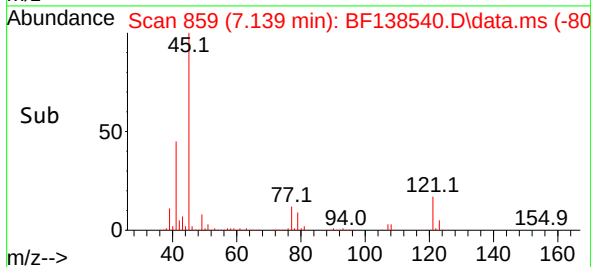
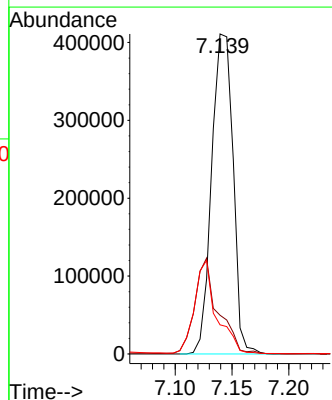
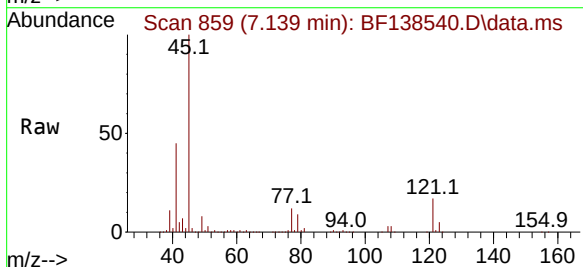
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

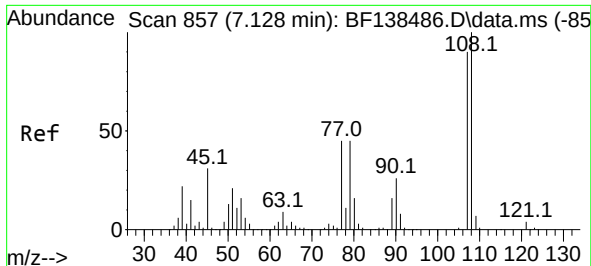
Tgt Ion: 79 Resp: 267297  
Ion Ratio Lower Upper  
79 100  
108 71.0 54.3 81.5  
77 63.9 50.0 75.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.141 ng  
RT: 7.139 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion: 45 Resp: 538505  
Ion Ratio Lower Upper  
45 100  
77 12.1 0.0 30.4  
79 9.1 0.0 28.1

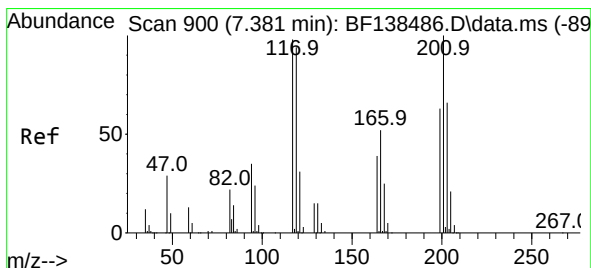
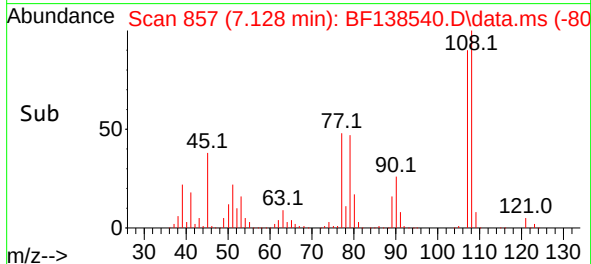
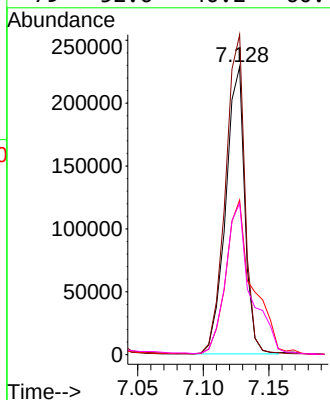
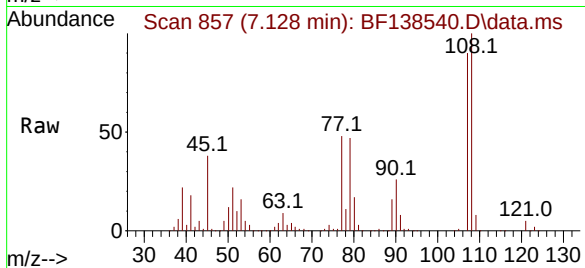




#17  
2-Methylphenol  
Concen: 39.652 ng  
RT: 7.128 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

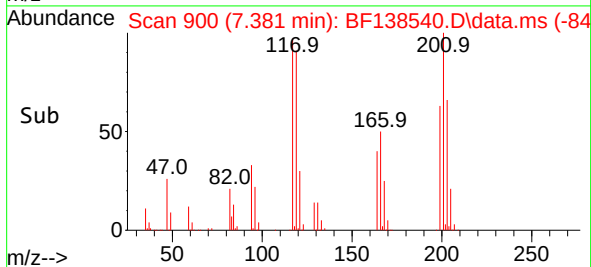
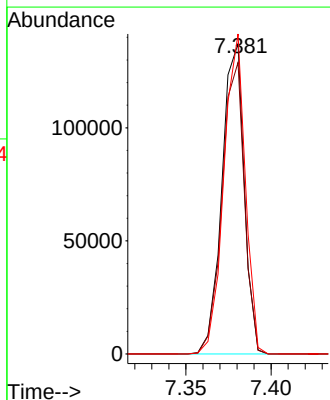
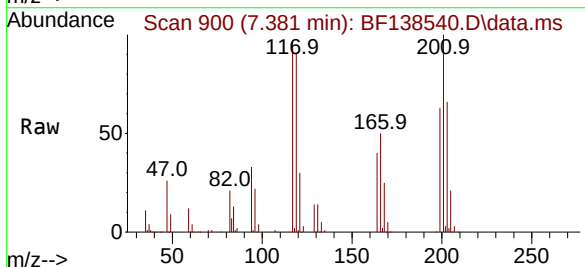
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

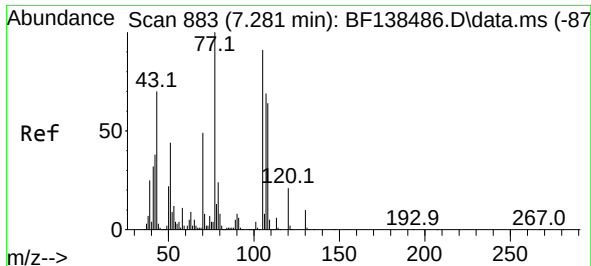
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 232055 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.2 | 89.0  | 133.4  |
| 77       | 53.8  | 40.3  | 60.5   |
| 79       | 52.6  | 40.2  | 60.4   |



#18  
Hexachloroethane  
Concen: 41.561 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 124538 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.9  | 76.6  | 114.8  |
| 201      | 103.1 | 81.4  | 122.0  |

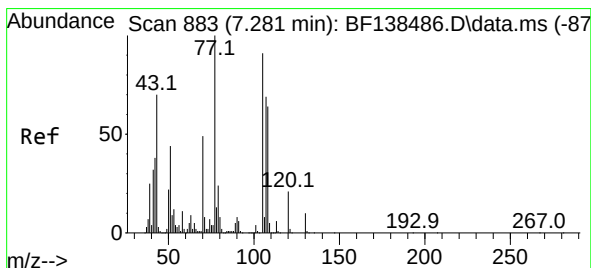
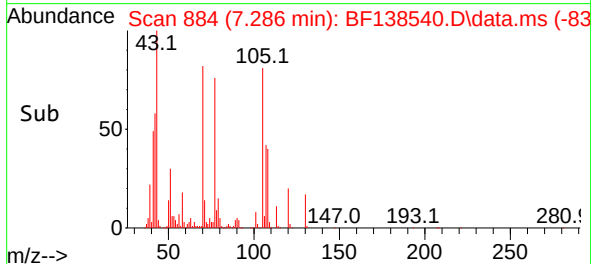
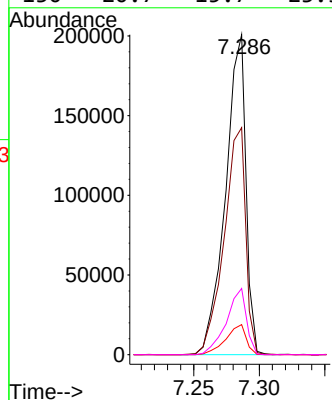
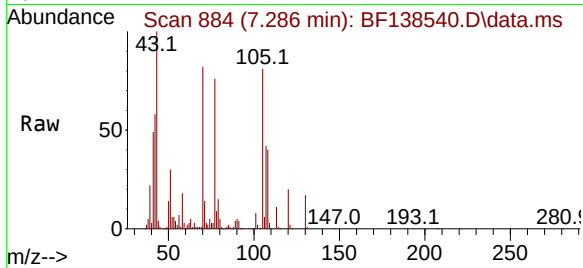




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.146 ng  
RT: 7.286 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

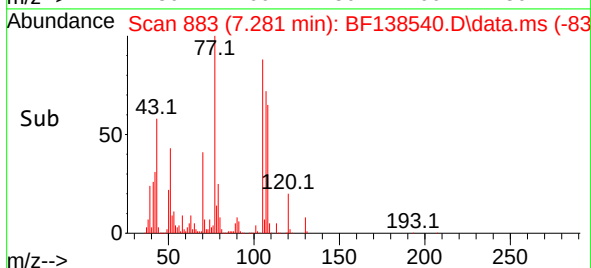
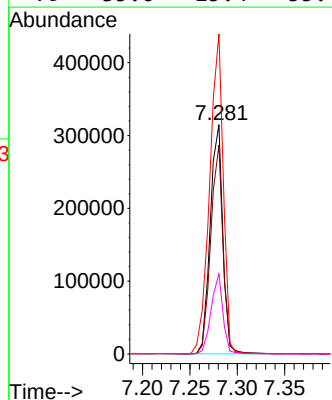
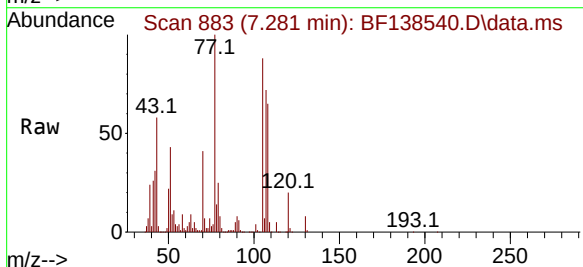
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

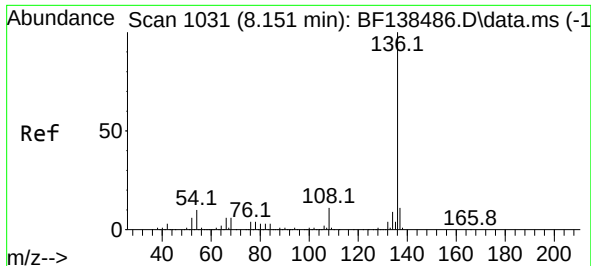
Tgt Ion: 70 Resp: 217305  
Ion Ratio Lower Upper  
70 100  
42 71.0 62.4 93.6  
101 9.4 7.2 10.8  
130 20.7 15.7 23.5



#20  
3+4-Methylphenols  
Concen: 39.535 ng  
RT: 7.281 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion: 107 Resp: 291362  
Ion Ratio Lower Upper  
107 100  
108 91.1 73.7 113.7  
77 139.6 126.0 166.0  
79 35.0 15.4 55.4

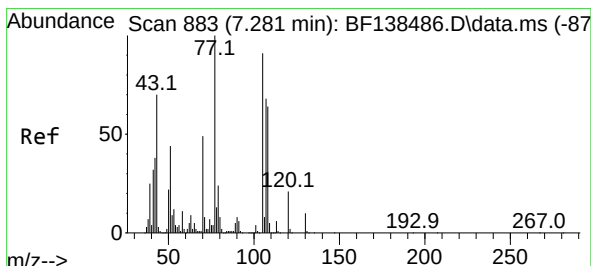
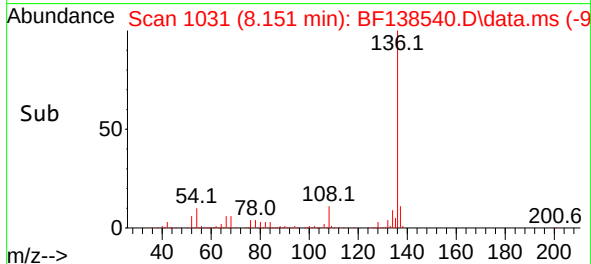
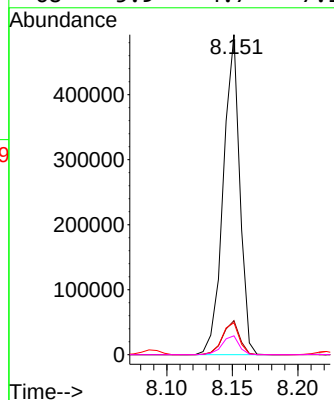
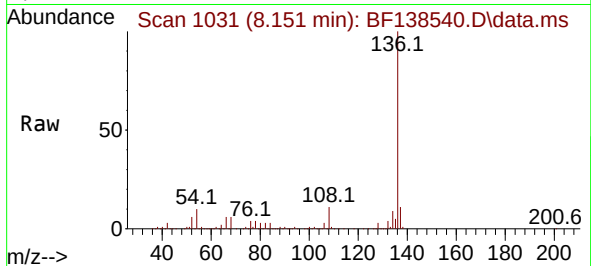




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

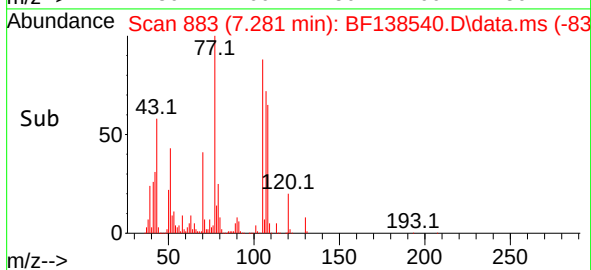
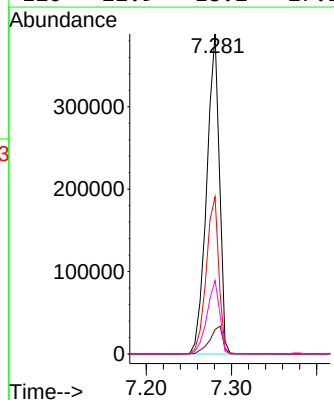
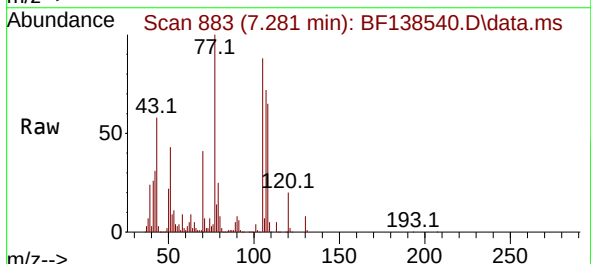
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

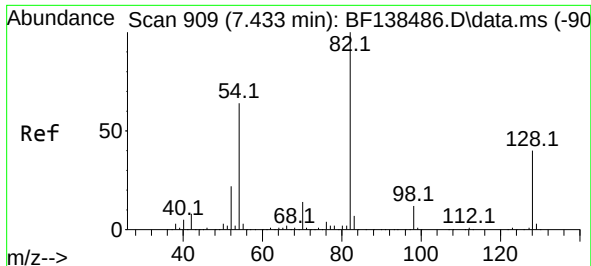
Tgt Ion:136 Resp: 428334  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.5 12.7  
54 10.0 8.1 12.1  
68 5.9 4.7 7.1



#22  
Acetophenone  
Concen: 38.727 ng  
RT: 7.281 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:105 Resp: 402879  
Ion Ratio Lower Upper  
105 100  
71 7.7 7.4 11.2  
51 49.1 38.7 58.1  
120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 79.305 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

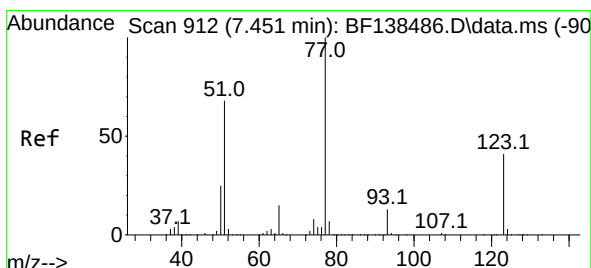
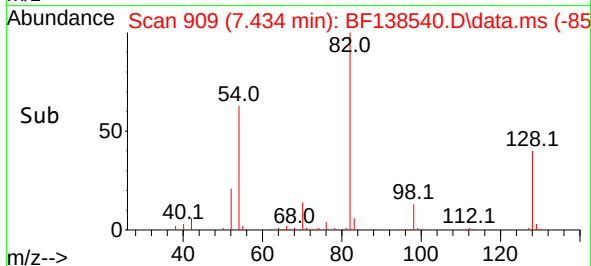
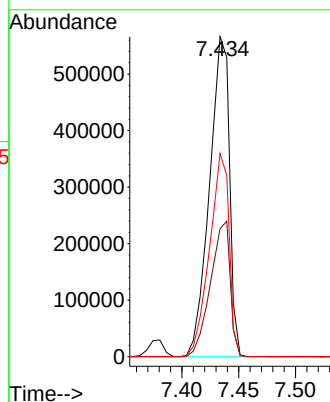
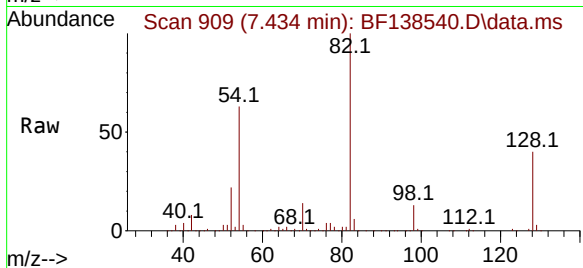
Tgt Ion: 82 Resp: 691864

Ion Ratio Lower Upper

82 100

128 40.0 32.3 48.5

54 63.5 51.4 77.0



#24

Nitrobenzene

Concen: 39.905 ng

RT: 7.457 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

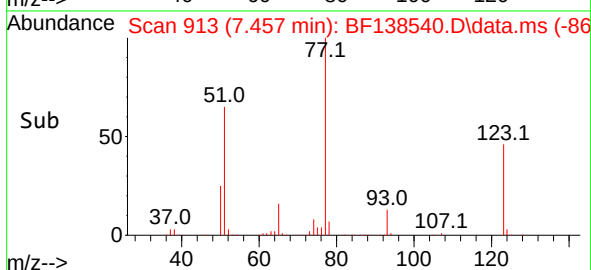
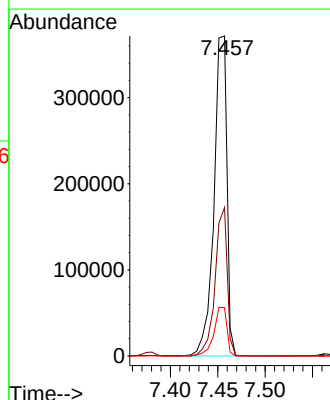
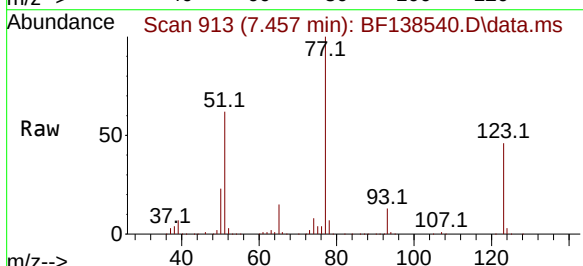
Tgt Ion: 77 Resp: 353782

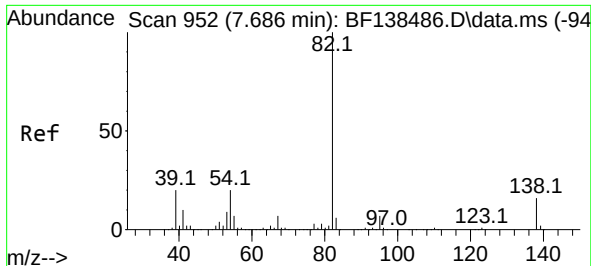
Ion Ratio Lower Upper

77 100

123 46.4 32.4 48.6

65 15.1 11.8 17.8

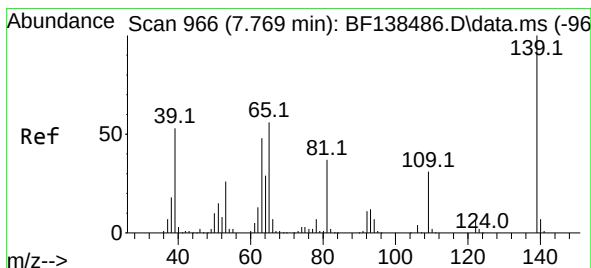
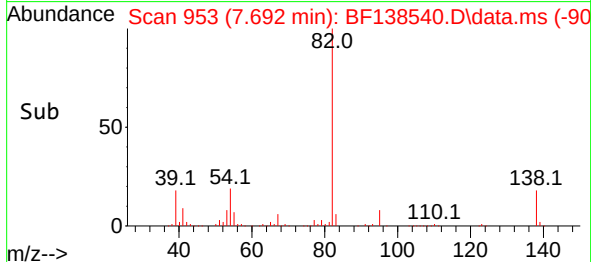
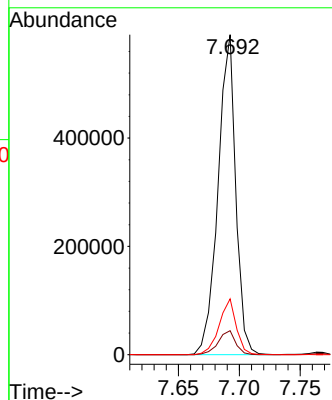
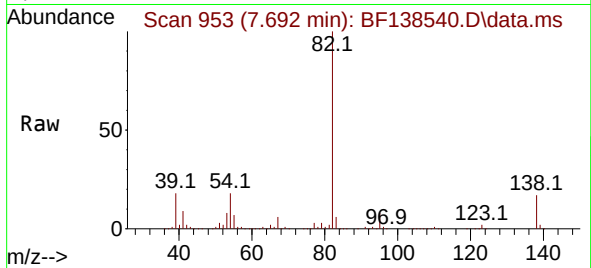




#25  
Isophorone  
Concen: 39.975 ng  
RT: 7.692 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

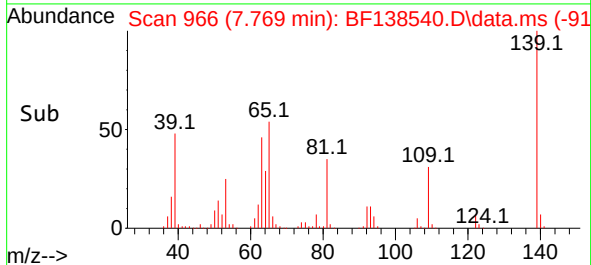
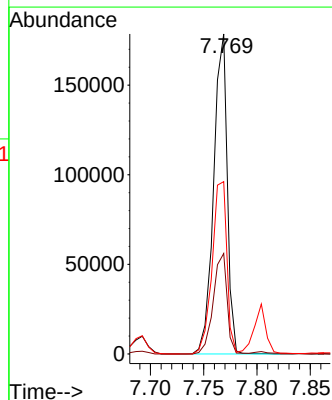
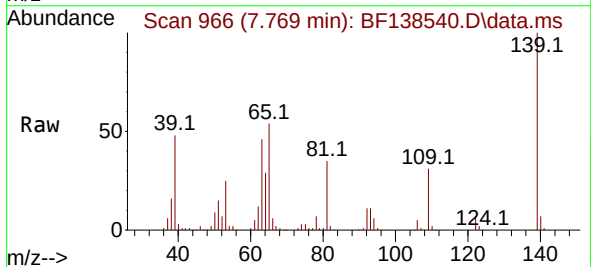
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 598910  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.0 9.0  
138 17.5 12.8 19.2

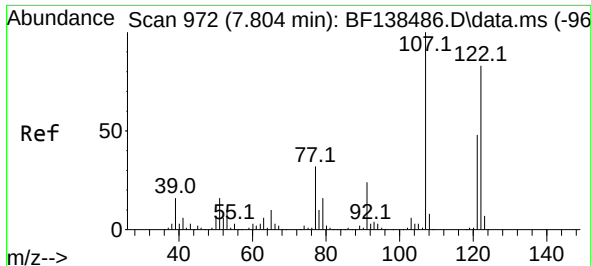


#26  
2-Nitrophenol  
Concen: 41.719 ng  
RT: 7.769 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:139 Resp: 158523  
Ion Ratio Lower Upper  
139 100  
109 31.4 24.8 37.2  
65 53.9 45.1 67.7



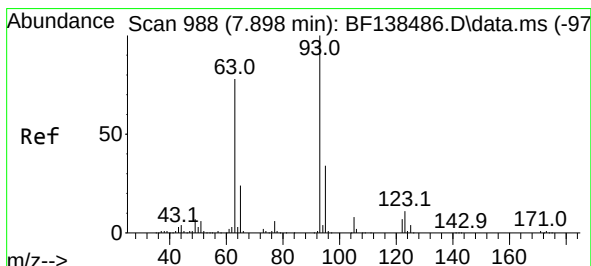
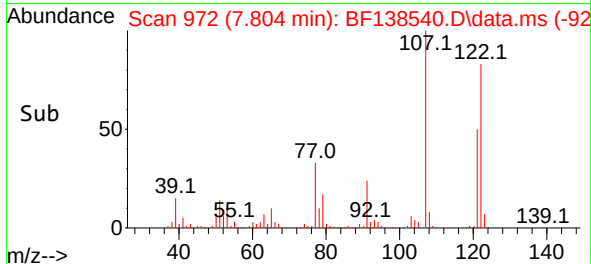
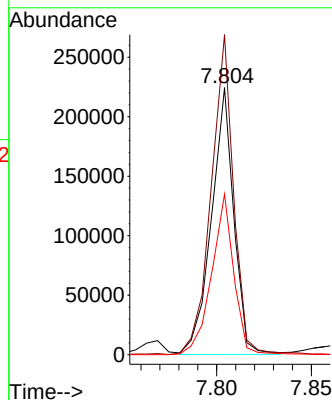
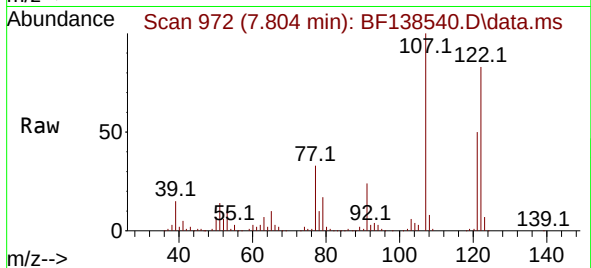




#27  
2,4-Dimethylphenol  
Concen: 39.499 ng  
RT: 7.804 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

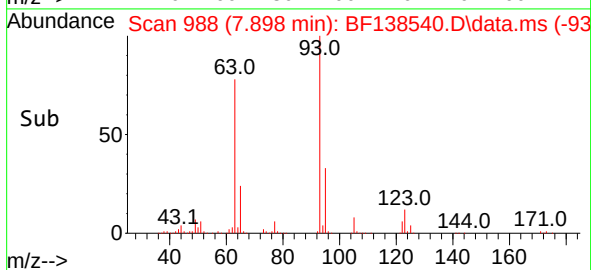
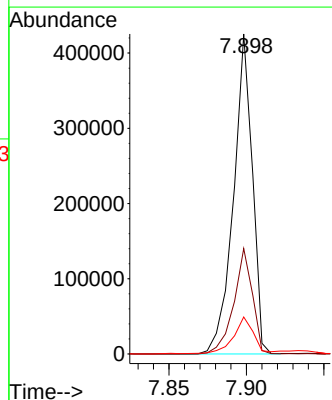
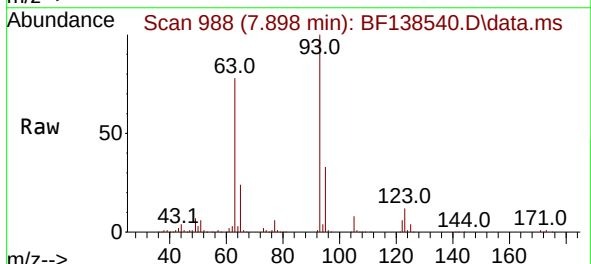
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

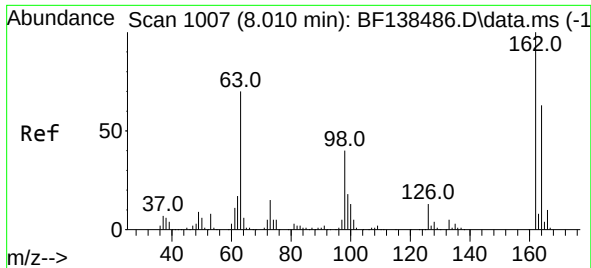
Tgt Ion:122 Resp: 184468  
Ion Ratio Lower Upper  
122 100  
107 119.9 96.3 144.5  
121 60.2 46.7 70.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.169 ng  
RT: 7.898 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion: 93 Resp: 359666  
Ion Ratio Lower Upper  
93 100  
95 32.9 27.0 40.6  
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.149 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

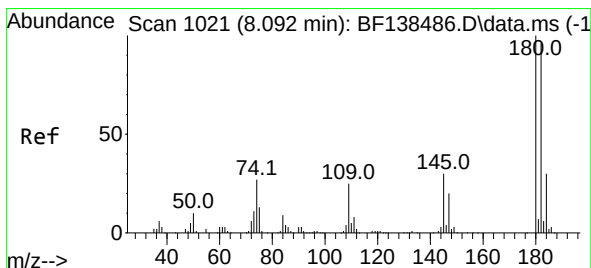
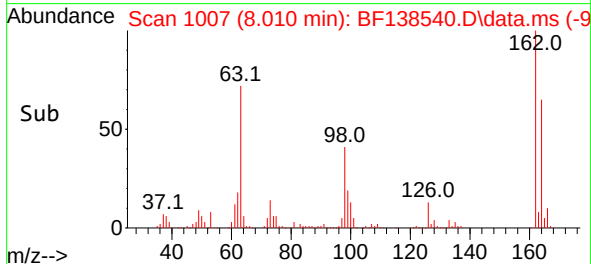
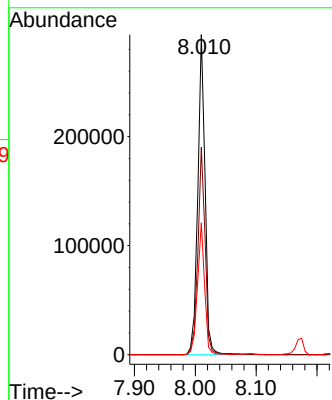
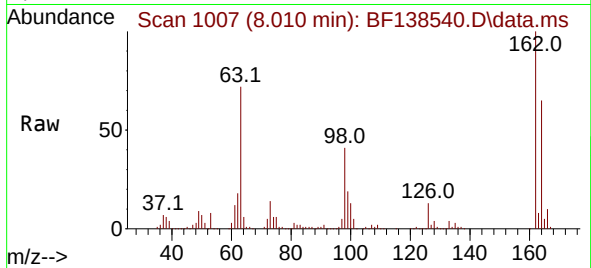
Tgt Ion:162 Resp: 243489

Ion Ratio Lower Upper

162 100

164 64.8 42.6 82.6

98 41.2 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 39.588 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

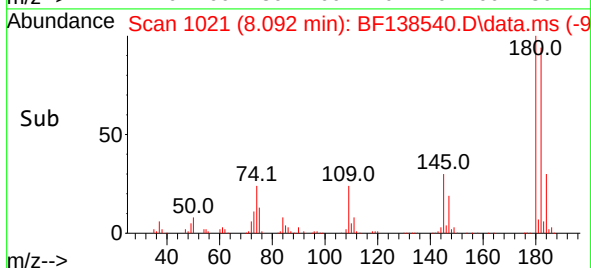
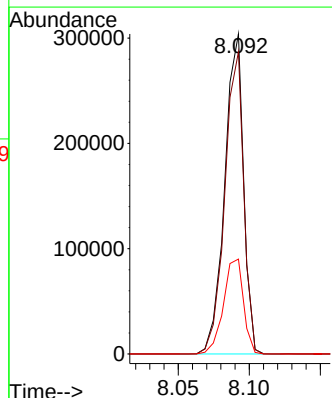
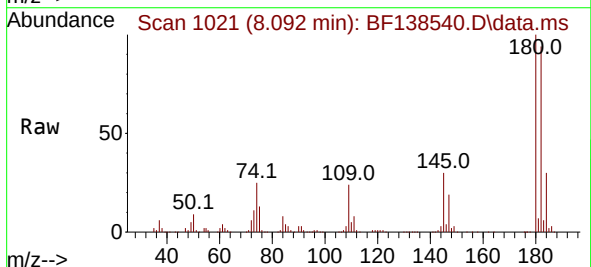
Tgt Ion:180 Resp: 279686

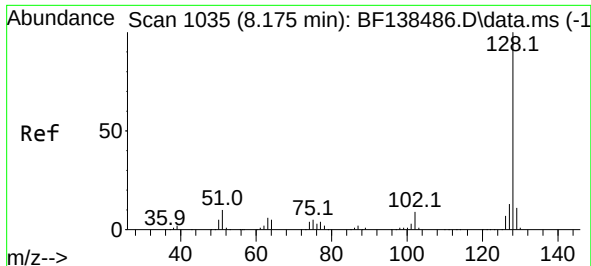
Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

145 29.6 23.9 35.9

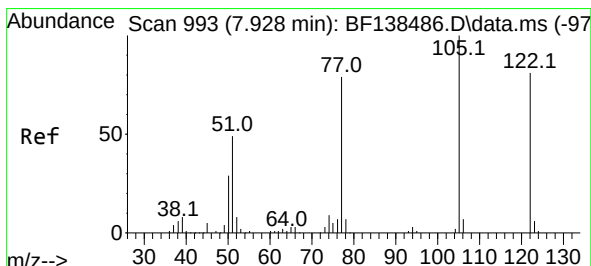
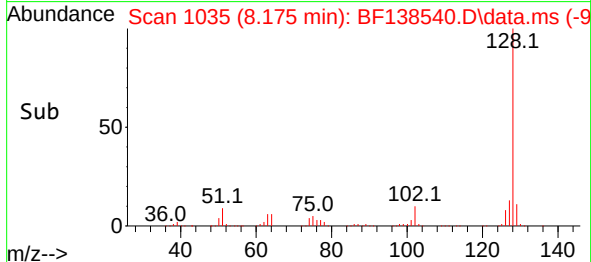
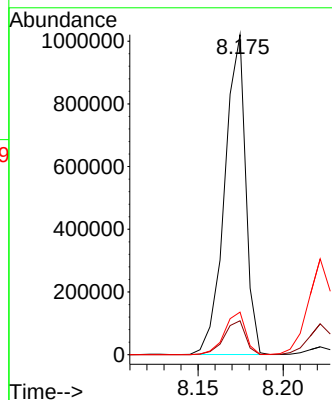
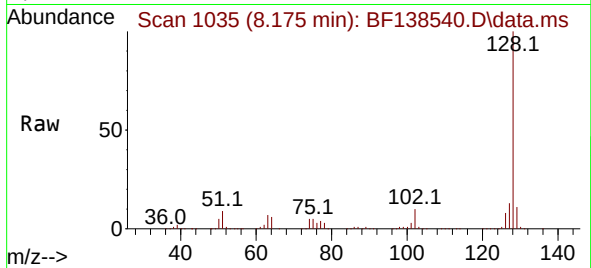




#31  
Naphthalene  
Concen: 39.237 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

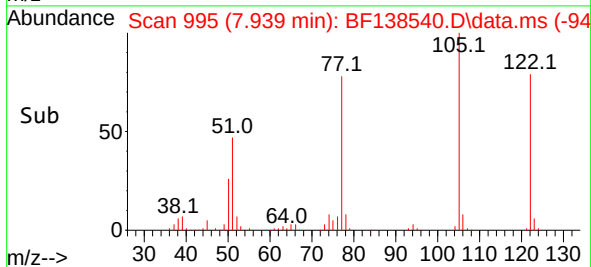
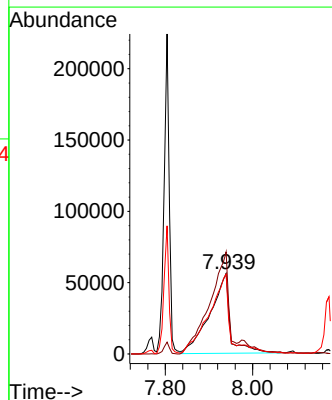
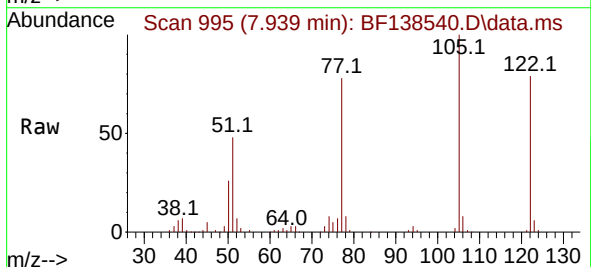
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BNA\_F  
ClientSampleId :  
SSTDCCC040

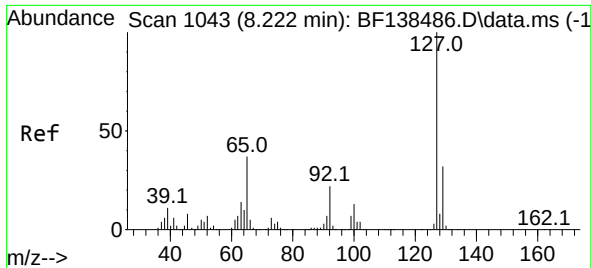
Tgt Ion:128 Resp: 874071  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.6 13.0  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 40.828 ng  
RT: 7.939 min Scan# 995  
Delta R.T. 0.012 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:122 Resp: 181858  
Ion Ratio Lower Upper  
122 100  
105 126.7 101.5 141.5  
77 98.9 77.3 117.3

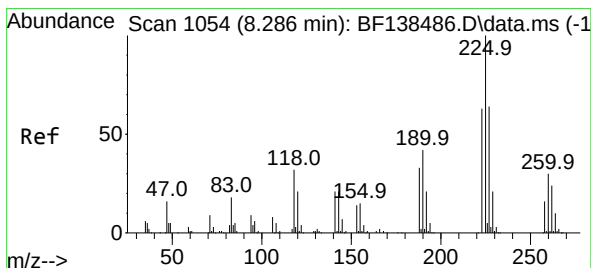
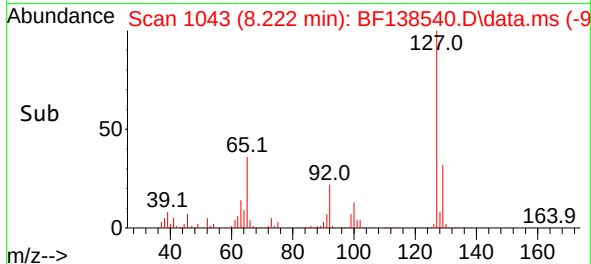
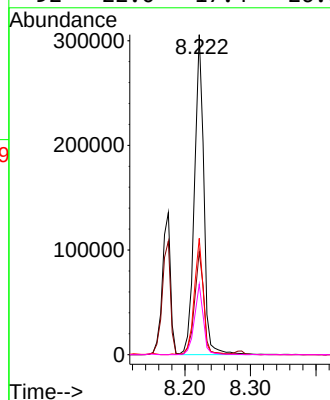
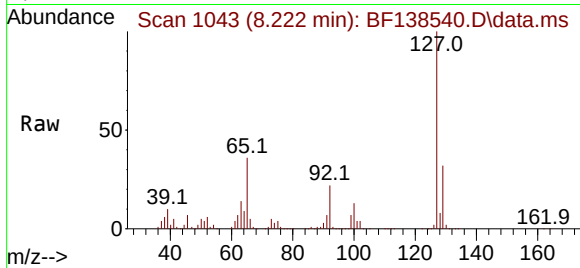




#33  
4-Chloroaniline  
Concen: 38.810 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

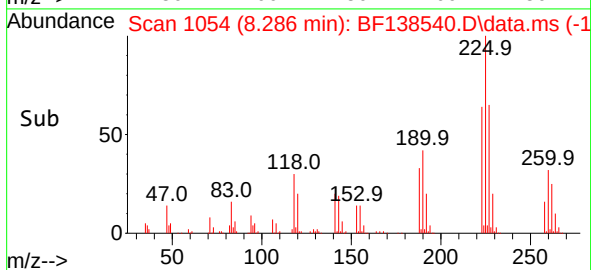
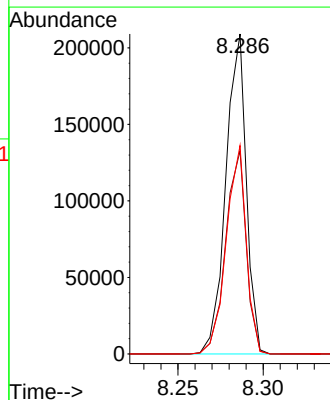
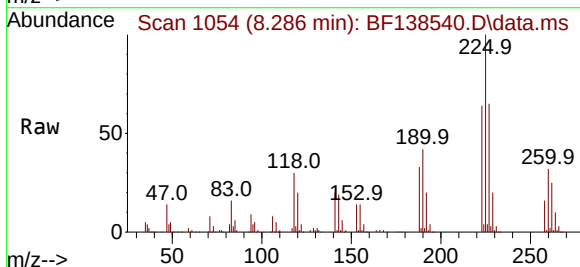
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

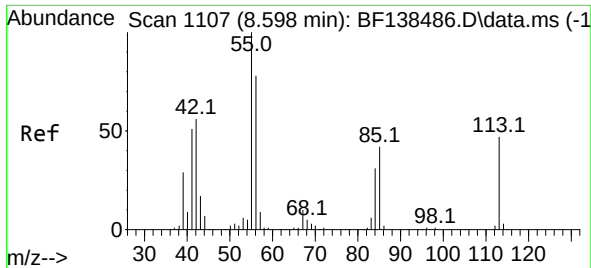
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 303351 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 32.2    | 25.6  | 38.4   |
| 65  | 36.4    | 29.6  | 44.4   |
| 92  | 22.0    | 17.4  | 26.0   |



#34  
Hexachlorobutadiene  
Concen: 40.156 ng  
RT: 8.286 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 174701 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 63.5    | 50.0  | 75.0   |
| 227 | 65.2    | 51.0  | 76.6   |

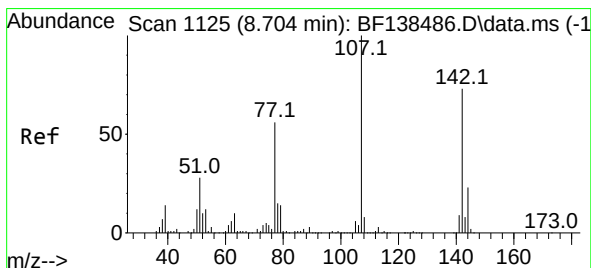
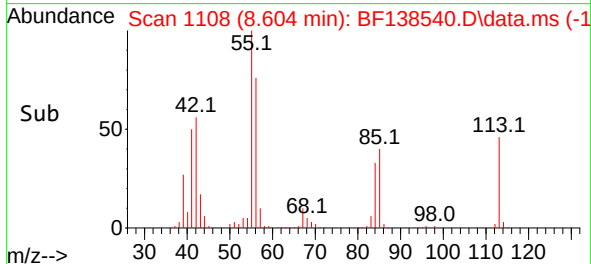
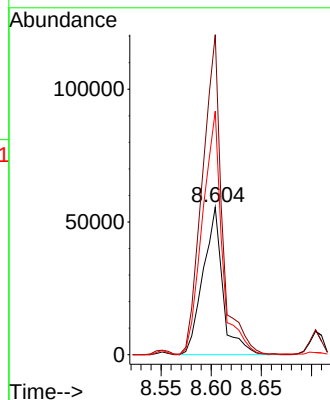
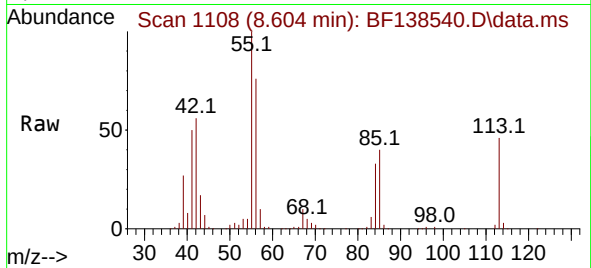




#35  
 Caprolactam  
 Concen: 38.914 ng  
 RT: 8.604 min Scan# 1108  
 Delta R.T. 0.006 min  
 Lab File: BF138540.D  
 Acq: 12 Jul 2024 11:53

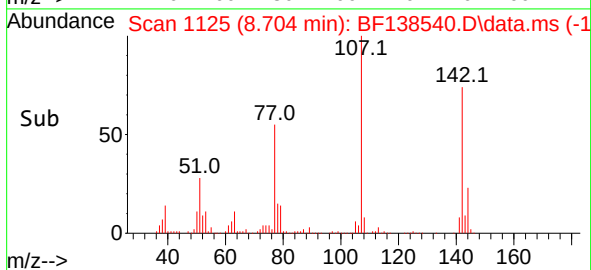
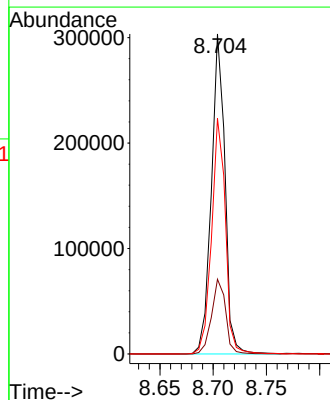
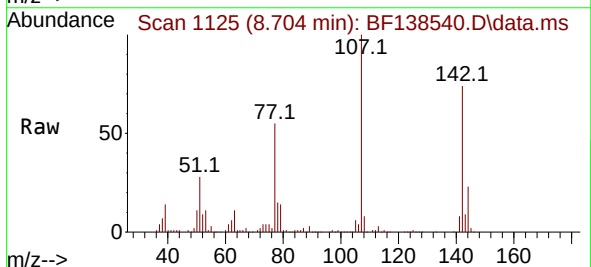
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

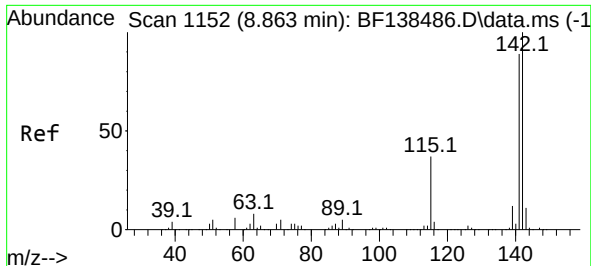
Tgt Ion:113 Resp: 76154  
 Ion Ratio Lower Upper  
 113 100  
 55 216.9 192.5 232.5  
 56 165.0 145.3 185.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.764 ng  
 RT: 8.704 min Scan# 1125  
 Delta R.T. 0.000 min  
 Lab File: BF138540.D  
 Acq: 12 Jul 2024 11:53

Tgt Ion:107 Resp: 269981  
 Ion Ratio Lower Upper  
 107 100  
 144 23.4 18.6 27.8  
 142 73.6 58.6 88.0

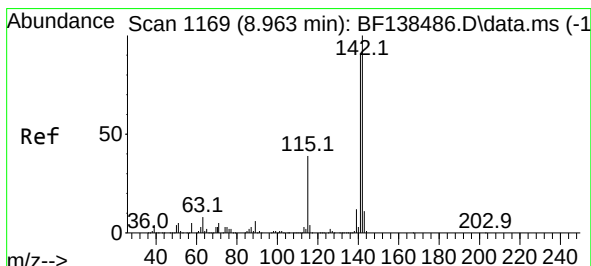
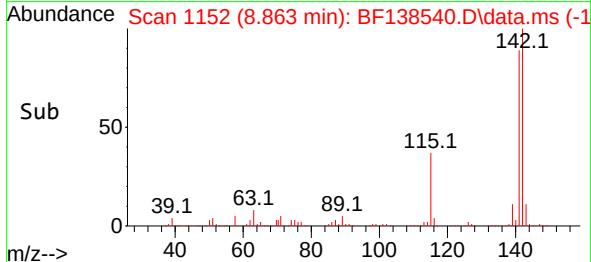
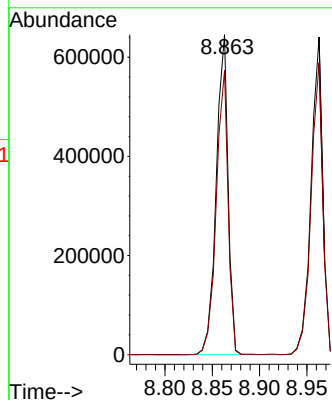
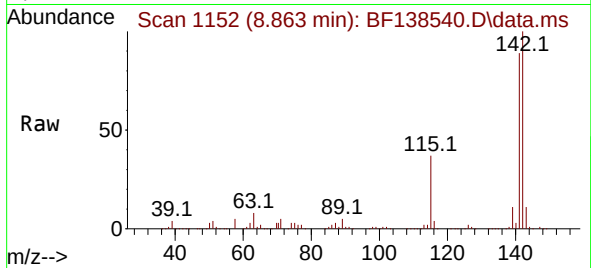




#37  
2-Methylnaphthalene  
Concen: 39.403 ng  
RT: 8.863 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

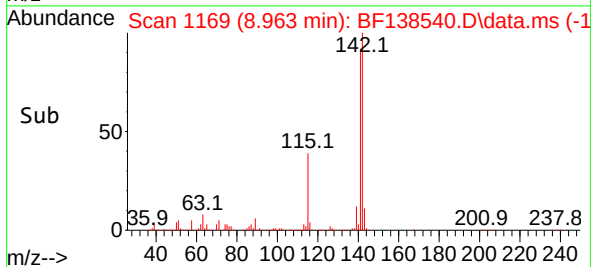
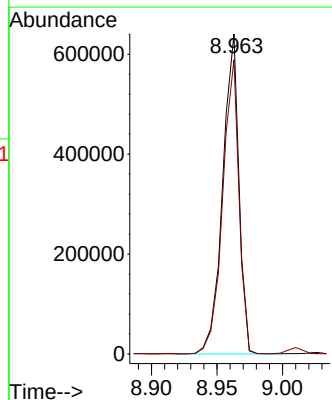
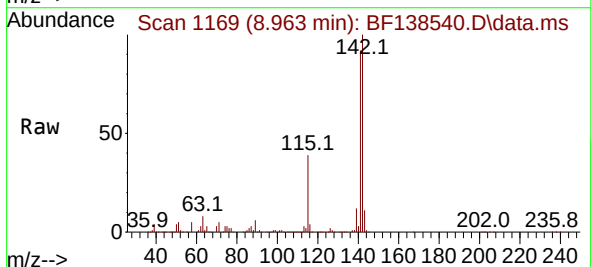
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

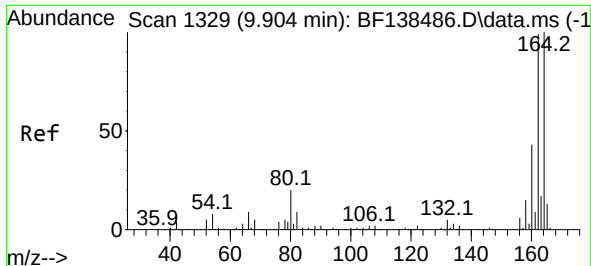
Tgt Ion:142 Resp: 564875  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.4 107.0



#38  
1-Methylnaphthalene  
Concen: 39.425 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:142 Resp: 551591  
Ion Ratio Lower Upper  
142 100  
141 92.0 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: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

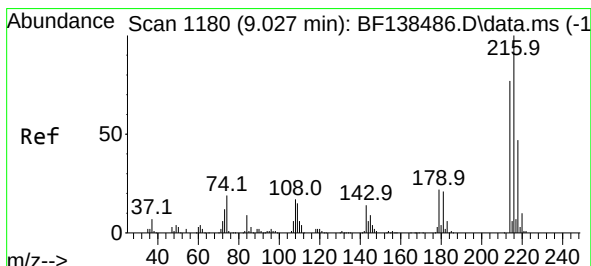
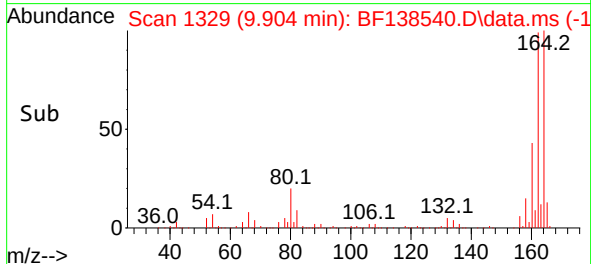
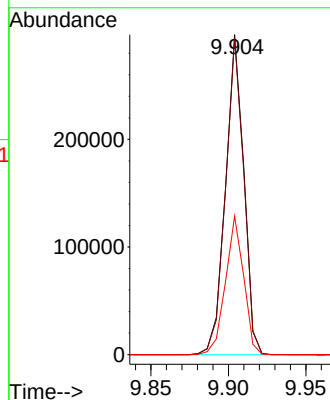
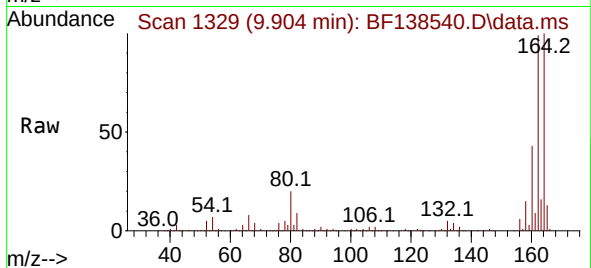
Tgt Ion:164 Resp: 243475

Ion Ratio Lower Upper

164 100

162 99.0 79.0 118.6

160 43.3 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.424 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Tgt Ion:216 Resp: 267521

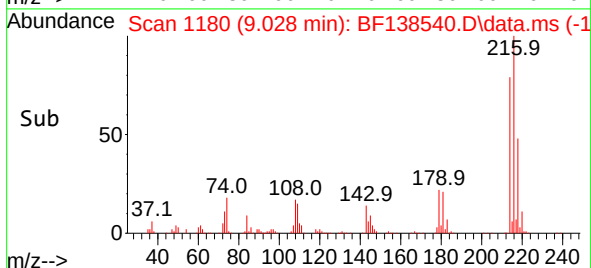
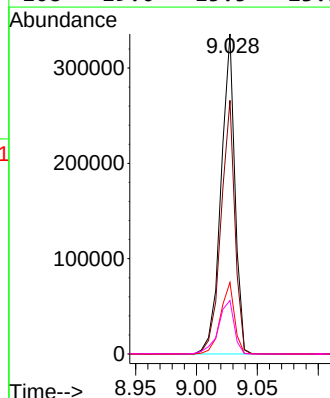
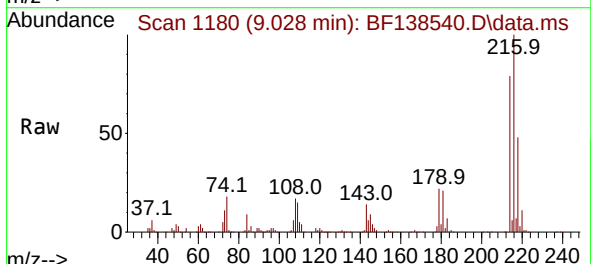
Ion Ratio Lower Upper

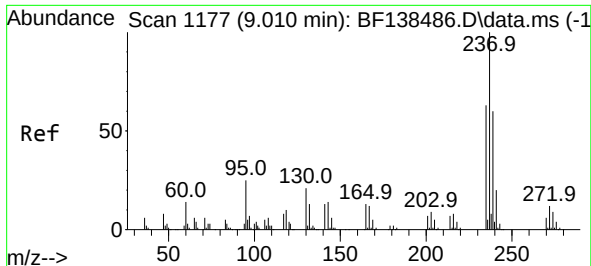
216 100

214 79.0 62.8 94.2

179 22.2 17.7 26.5

108 19.0 15.5 23.3

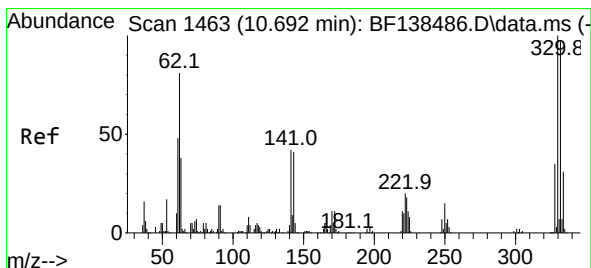
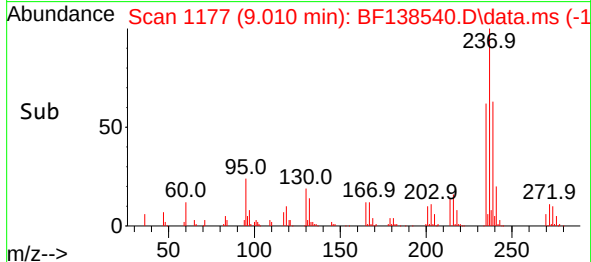
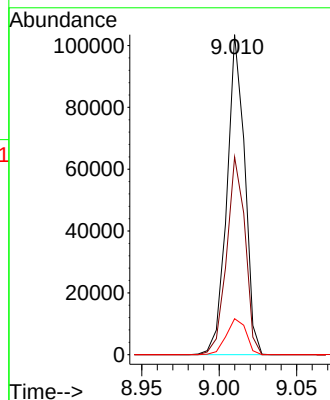
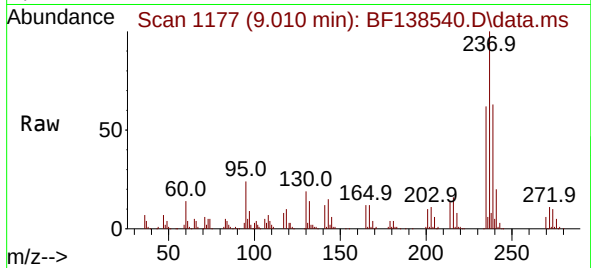




#41  
Hexachlorocyclopentadiene  
Concen: 37.600 ng  
RT: 9.010 min Scan# 1177  
Delta R.T. -0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

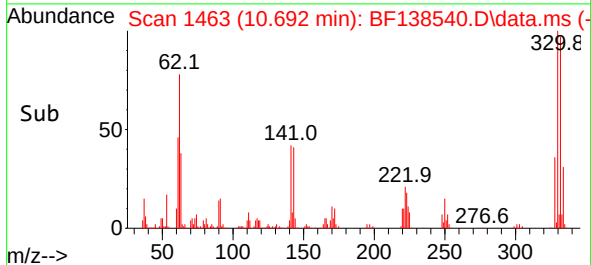
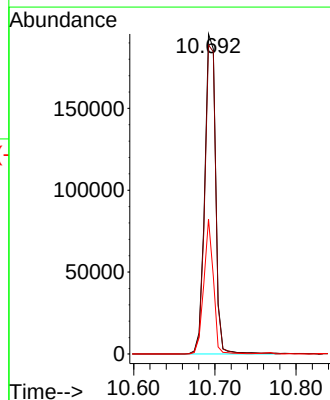
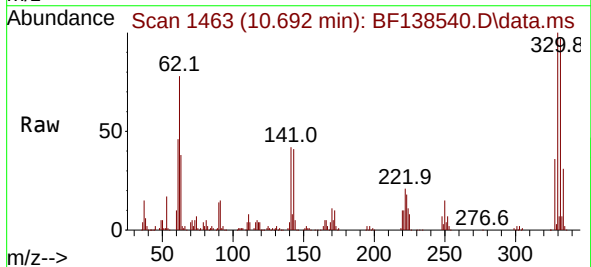
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 82815     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 61.8  | 43.3 83.3 |
| 272         | 11.2  | 0.0 32.3  |

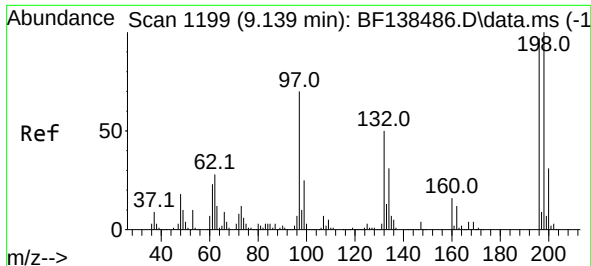


#42  
2,4,6-Tribromophenol  
Concen: 80.154 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 182392     |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 97.1  | 76.8 115.2 |
| 141         | 36.8  | 29.4 44.2  |



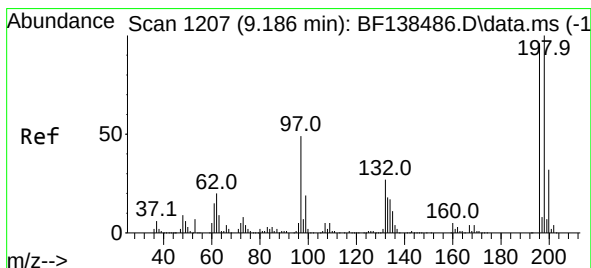
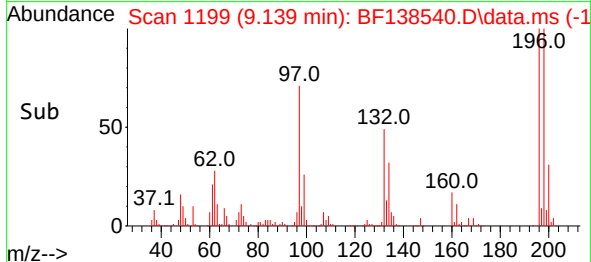
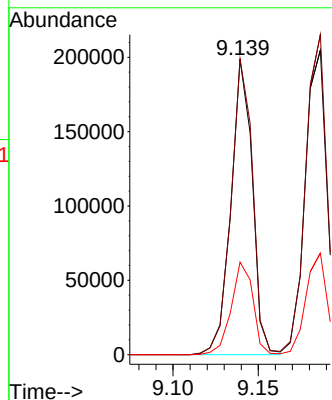
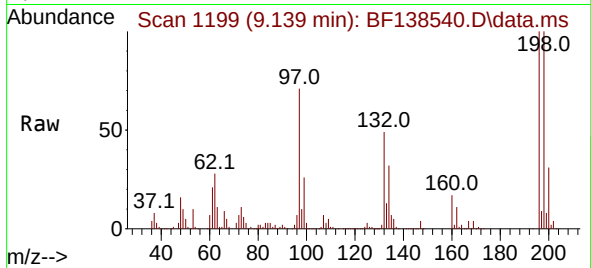




#43  
2,4,6-Trichlorophenol  
Concen: 40.041 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

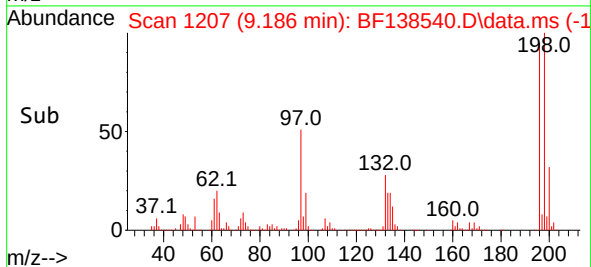
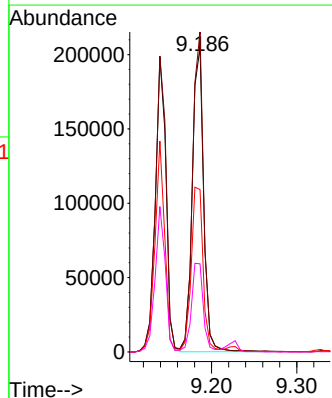
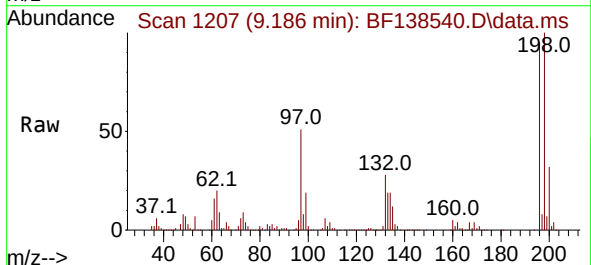
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

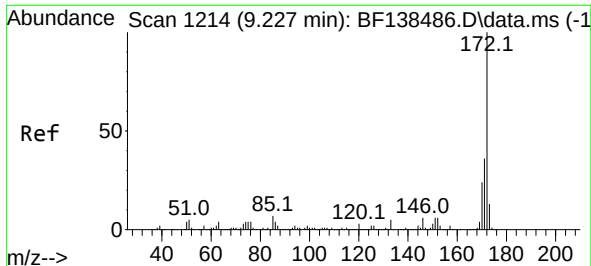
Tgt Ion:196 Resp: 173318  
Ion Ratio Lower Upper  
196 100  
198 100.4 82.3 123.5  
200 31.3 25.8 38.6



#44  
2,4,5-Trichlorophenol  
Concen: 39.672 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:196 Resp: 188874  
Ion Ratio Lower Upper  
196 100  
198 105.1 82.8 124.2  
97 53.3 41.0 61.4  
132 29.0 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 77.680 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

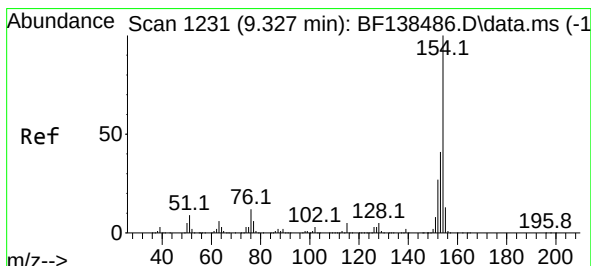
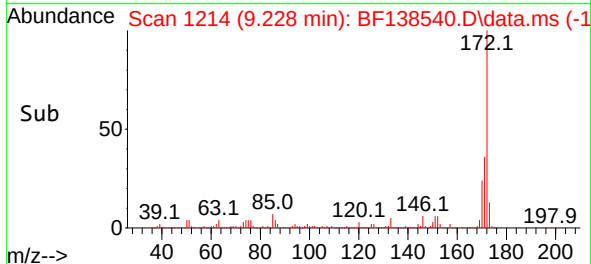
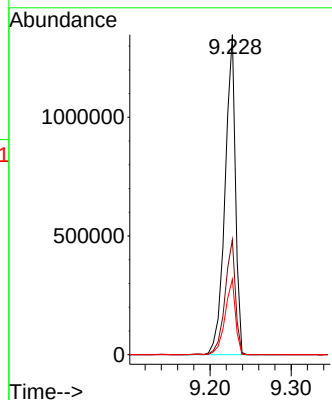
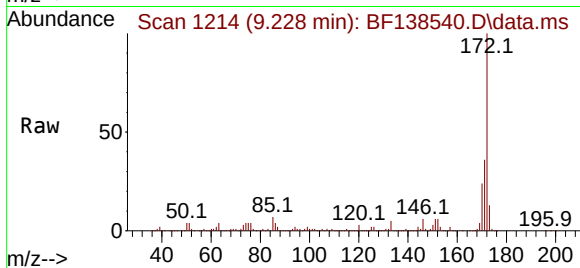
Tgt Ion:172 Resp: 1210125

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.124 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

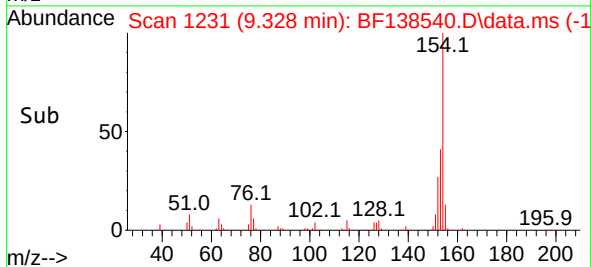
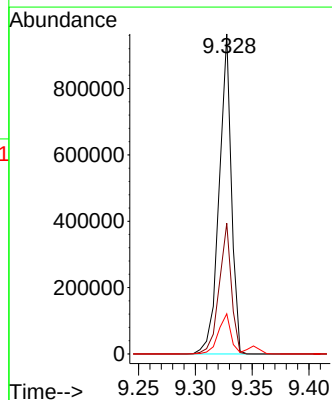
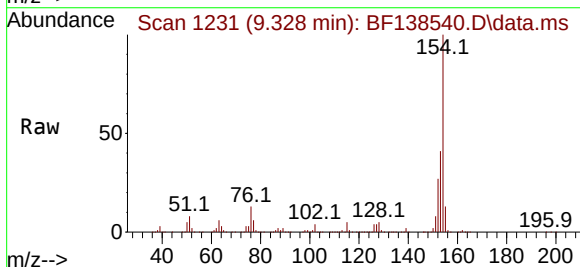
Tgt Ion:154 Resp: 721908

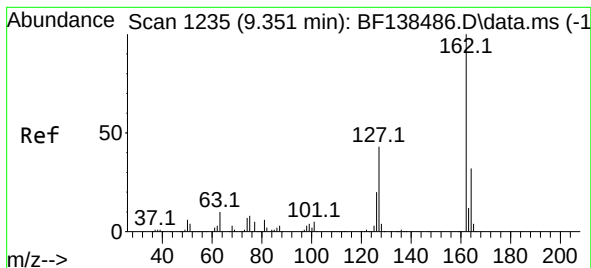
Ion Ratio Lower Upper

154 100

153 40.8 20.7 60.7

76 12.6 0.0 32.2





#47

2-Chloronaphthalene

Concen: 39.040 ng

RT: 9.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

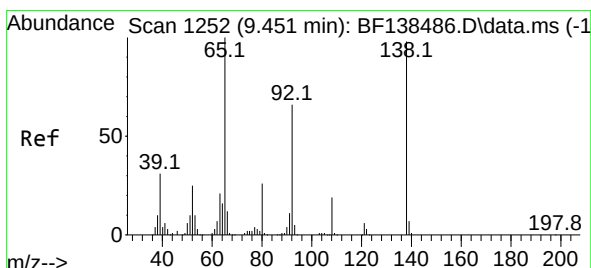
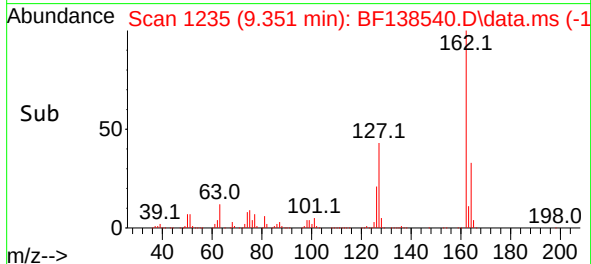
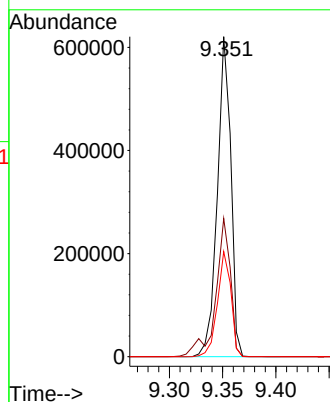
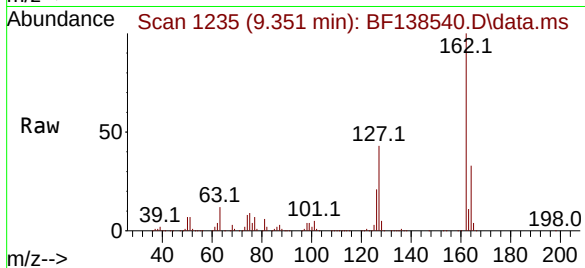
Tgt Ion:162 Resp: 544193

Ion Ratio Lower Upper

162 100

127 43.2 34.8 52.2

164 32.9 25.6 38.4



#48

2-Nitroaniline

Concen: 38.803 ng

RT: 9.451 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

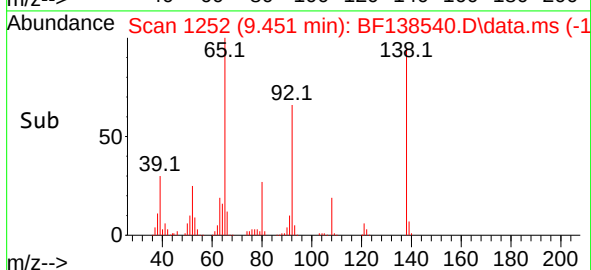
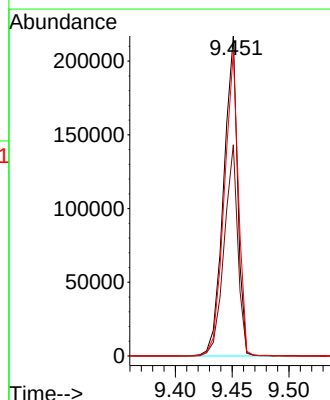
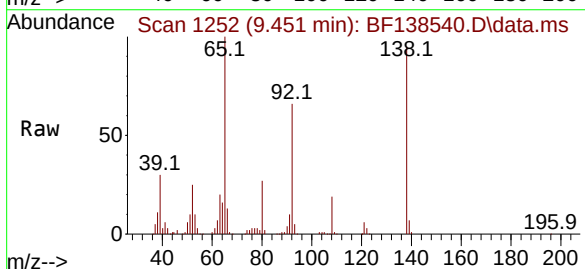
Tgt Ion: 65 Resp: 187436

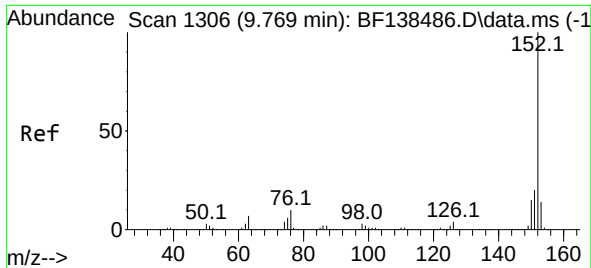
Ion Ratio Lower Upper

65 100

92 66.0 52.6 78.8

138 95.1 78.6 118.0

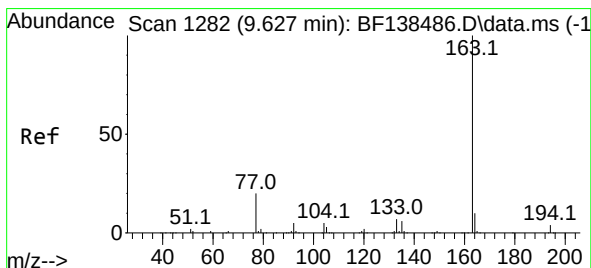
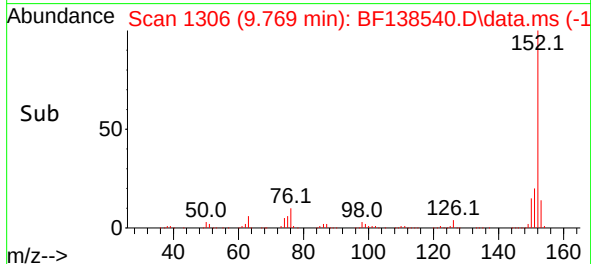
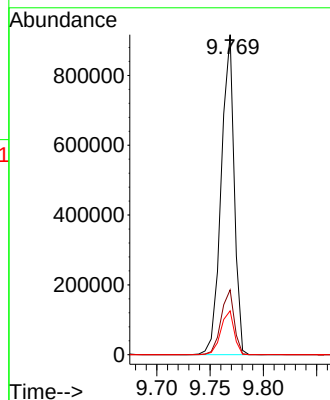
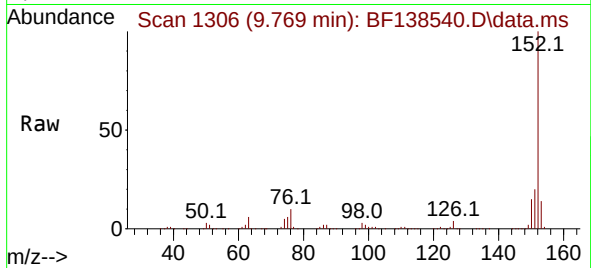




#49  
Acenaphthylene  
Concen: 39.220 ng  
RT: 9.769 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

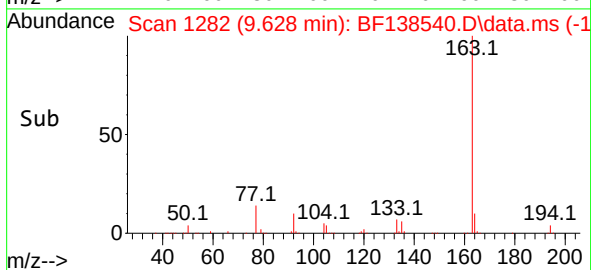
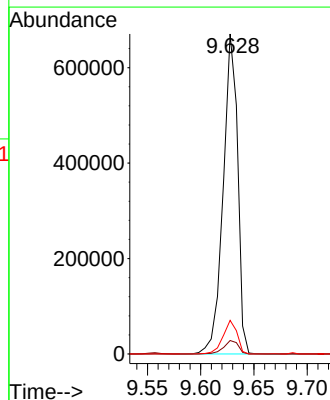
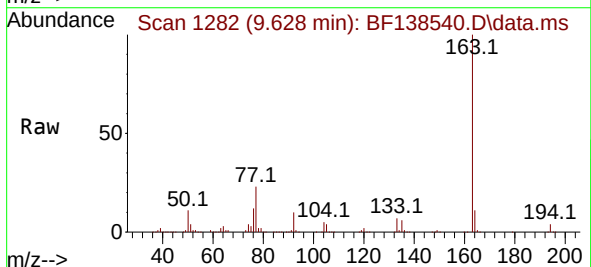
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

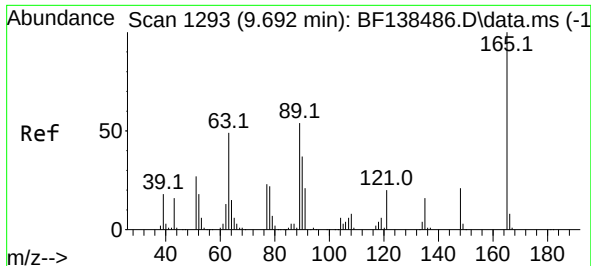
Tgt Ion:152 Resp: 776196  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.3 24.5  
153 13.7 11.3 16.9



#50  
Dimethylphthalate  
Concen: 40.104 ng  
RT: 9.628 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:163 Resp: 631381  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.0 4.6  
164 10.5 8.1 12.1

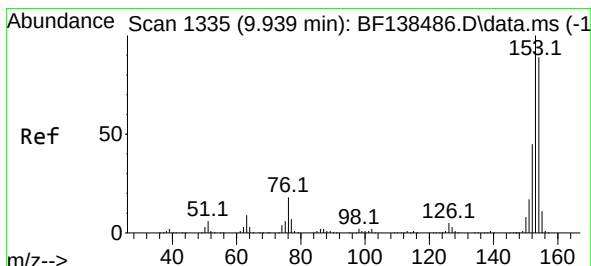
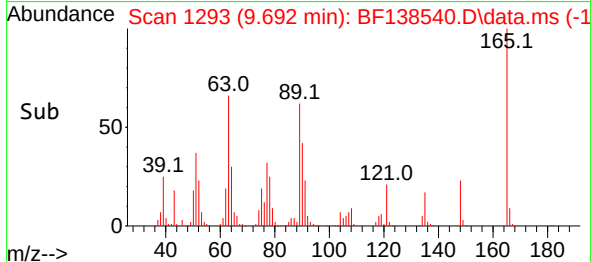
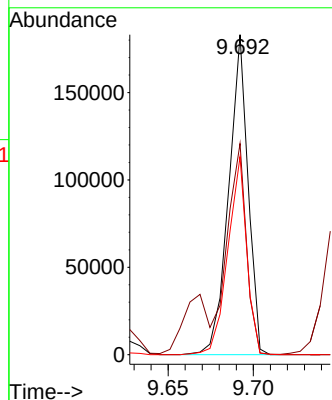
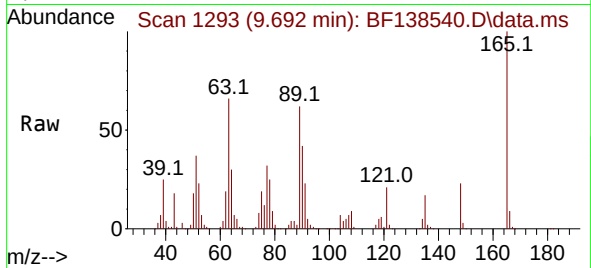




#51  
2,6-Dinitrotoluene  
Concen: 39.917 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

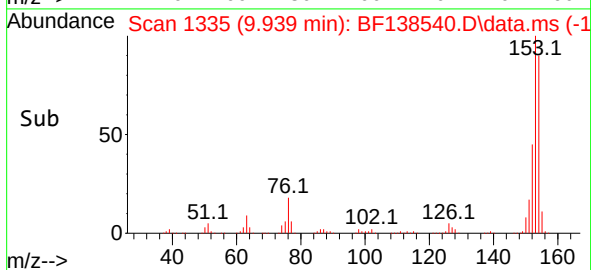
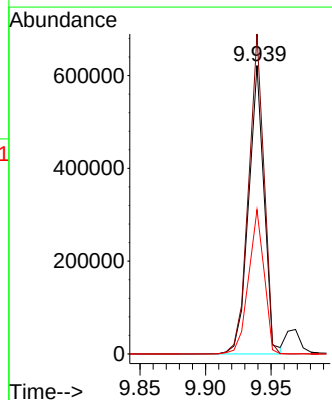
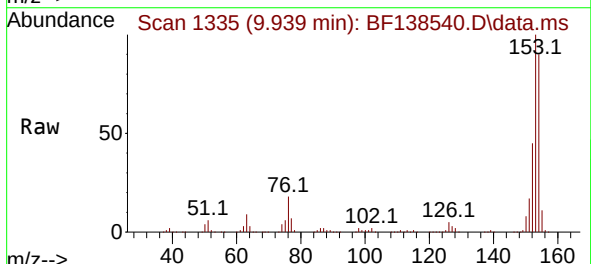
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

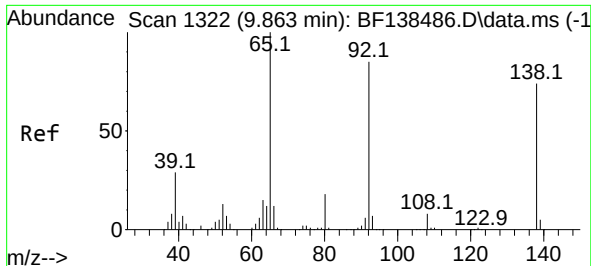
Tgt Ion:165 Resp: 144697  
Ion Ratio Lower Upper  
165 100  
63 66.0 48.1 72.1  
89 61.9 43.0 64.6



#52  
Acenaphthene  
Concen: 38.925 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:154 Resp: 512068  
Ion Ratio Lower Upper  
154 100  
153 110.9 90.4 135.6  
152 50.0 41.1 61.7

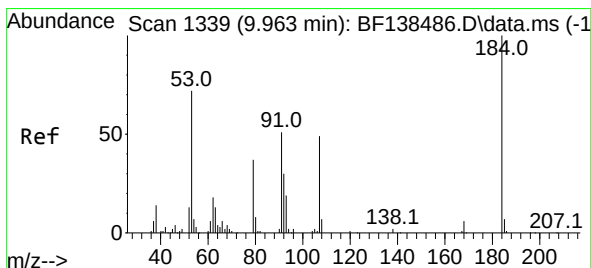
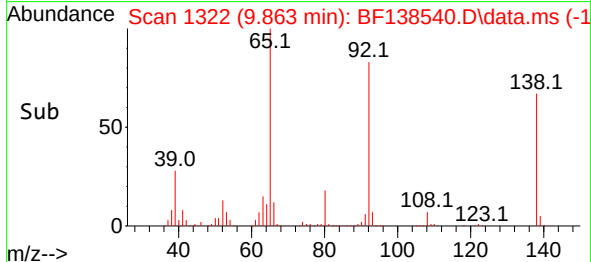
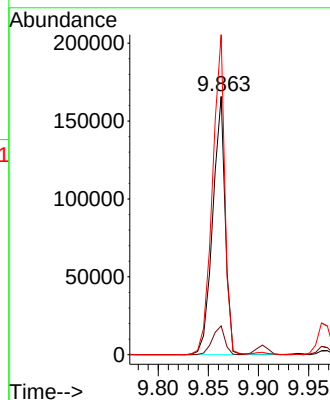
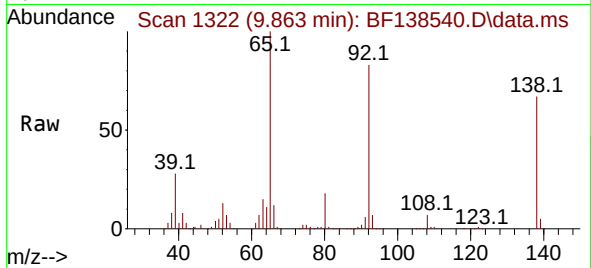




#53  
3-Nitroaniline  
Concen: 38.755 ng  
RT: 9.863 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

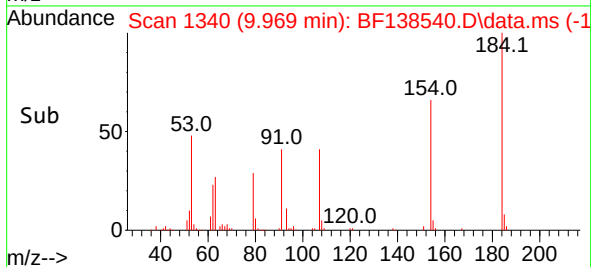
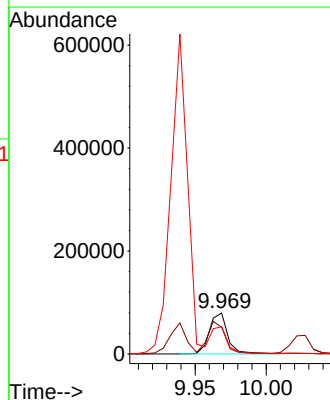
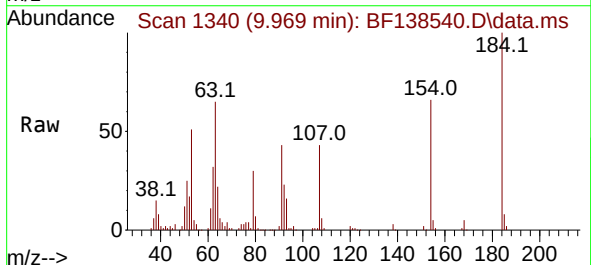
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

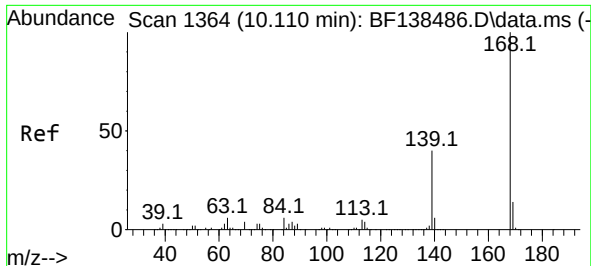
Tgt Ion:138 Resp: 143986  
Ion Ratio Lower Upper  
138 100  
108 11.1 8.3 12.5  
92 123.9 92.6 138.8



#54  
2,4-Dinitrophenol  
Concen: 39.416 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. 0.006 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:184 Resp: 71790  
Ion Ratio Lower Upper  
184 100  
63 65.2 70.6 106.0#  
154 66.4 53.8 80.6

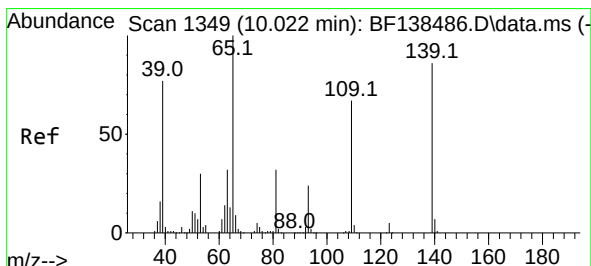
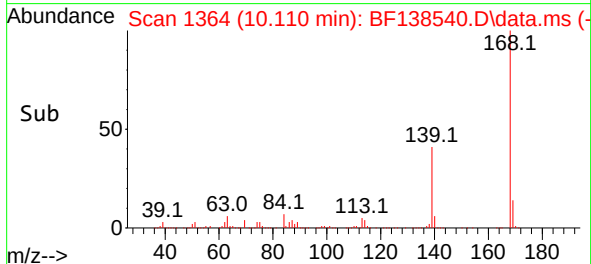
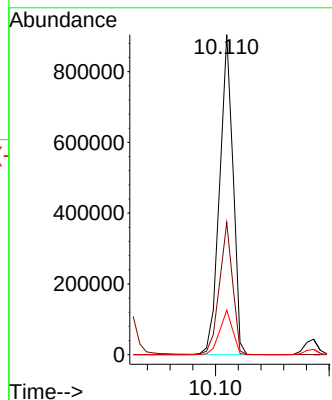
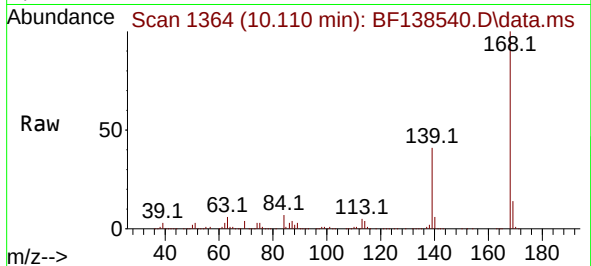




#55  
Dibenzofuran  
Concen: 38.868 ng  
RT: 10.110 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

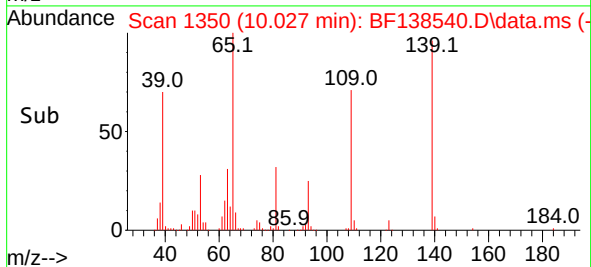
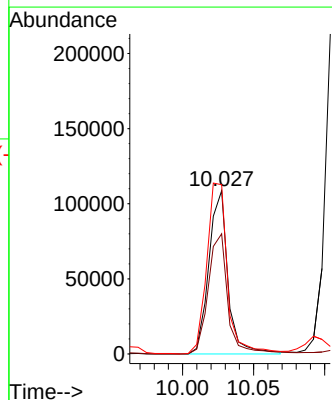
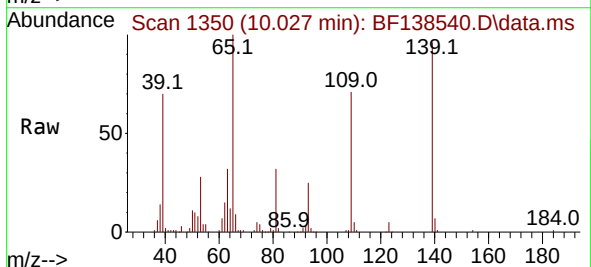
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ClientSampleId :  
SSTDCCC040

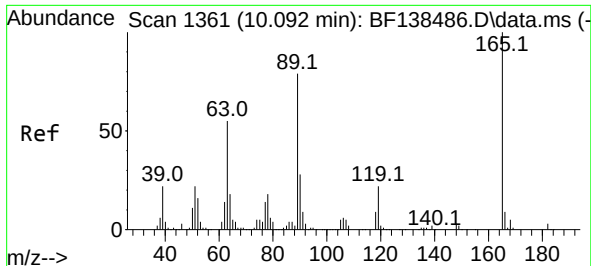
Tgt Ion:168 Resp: 741647  
Ion Ratio Lower Upper  
168 100  
139 41.4 32.4 48.6  
169 14.0 10.9 16.3



#56  
4-Nitrophenol  
Concen: 37.272 ng  
RT: 10.027 min Scan# 1350  
Delta R.T. 0.006 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:139 Resp: 102177  
Ion Ratio Lower Upper  
139 100  
109 73.7 58.1 98.1  
65 103.7 96.9 136.9

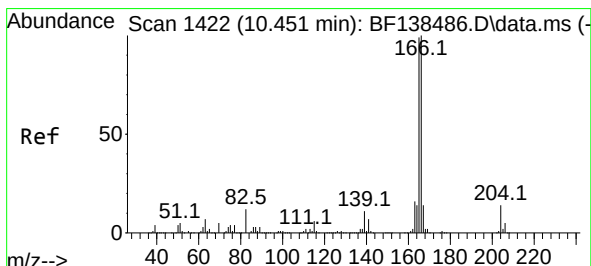
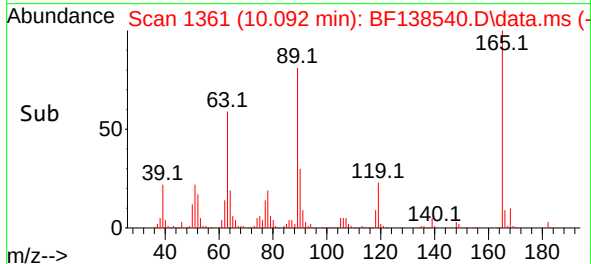
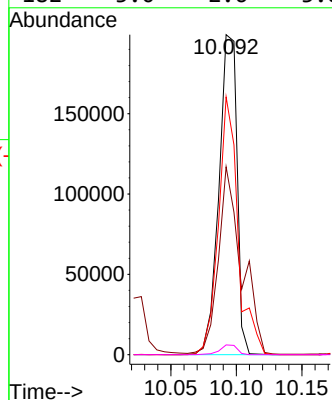
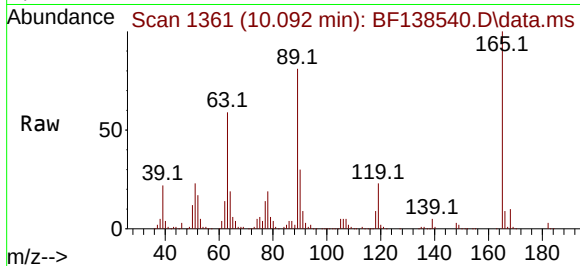




#57  
2,4-Dinitrotoluene  
Concen: 40.714 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

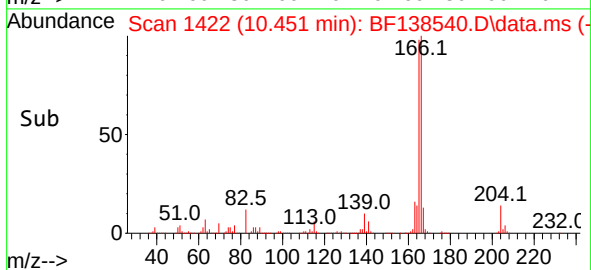
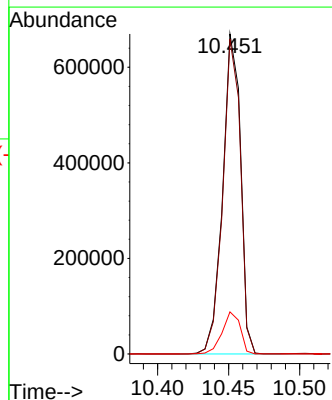
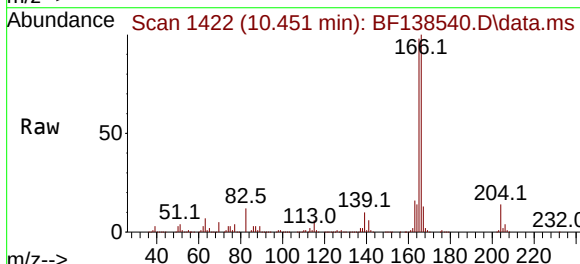
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 190955  
Ion Ratio Lower Upper  
165 100  
63 58.7 44.6 66.8  
89 80.6 63.4 95.2  
182 3.0 2.6 3.8

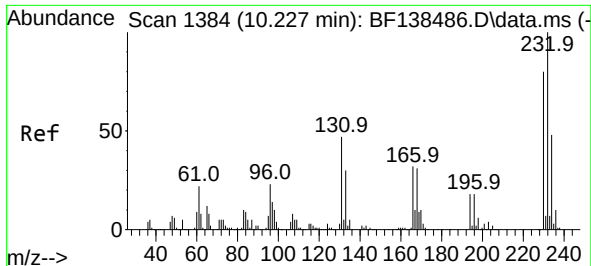


#58  
Fluorene  
Concen: 38.810 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:166 Resp: 585953  
Ion Ratio Lower Upper  
166 100  
165 98.4 79.1 118.7  
167 13.2 11.0 16.6



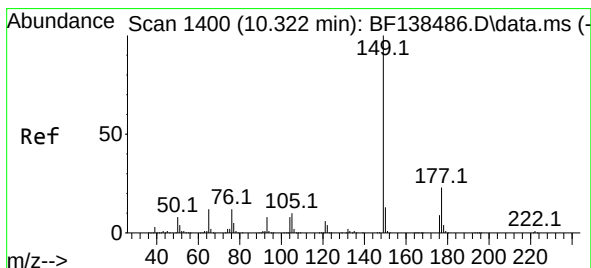
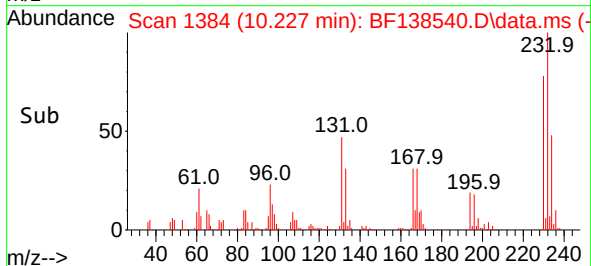
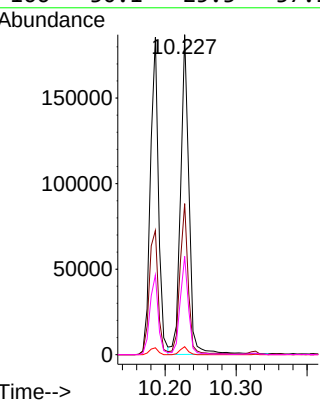
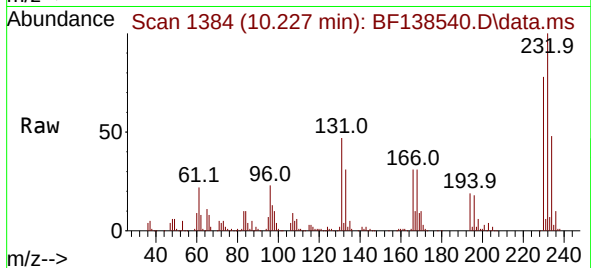




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.976 ng  
RT: 10.227 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

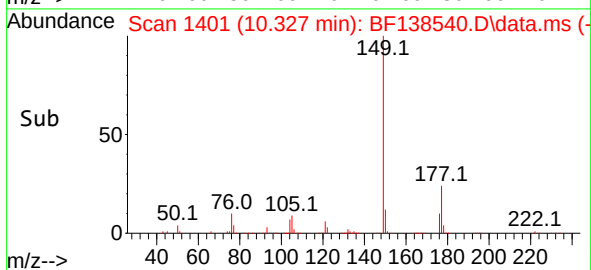
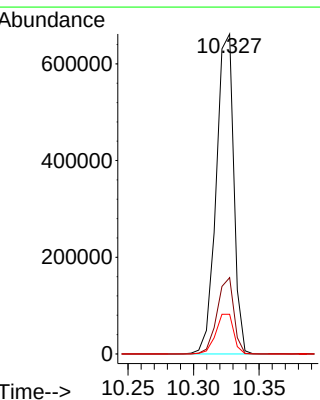
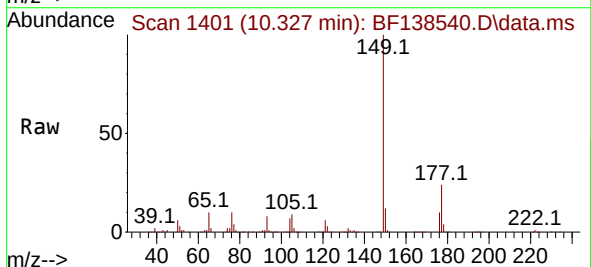
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

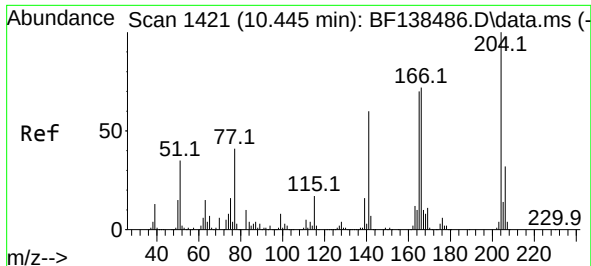
Tgt Ion:232 Resp: 153961  
Ion Ratio Lower Upper  
232 100  
131 46.2 37.5 56.3  
130 2.3 2.0 3.0  
166 30.1 25.3 37.9



#60  
Diethylphthalate  
Concen: 40.504 ng  
RT: 10.327 min Scan# 1401  
Delta R.T. 0.006 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:149 Resp: 614740  
Ion Ratio Lower Upper  
149 100  
177 23.9 18.5 27.7  
150 12.4 10.3 15.5

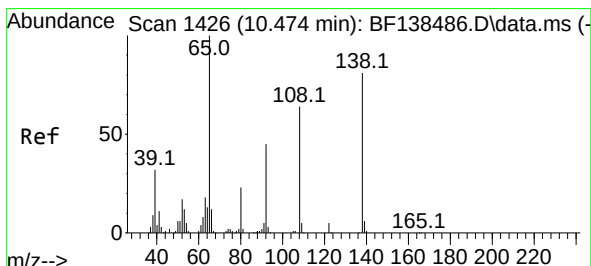
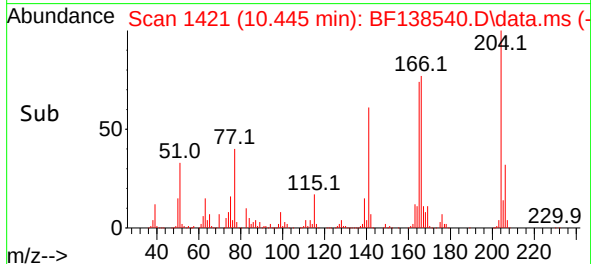
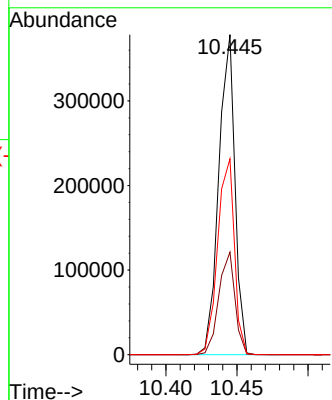
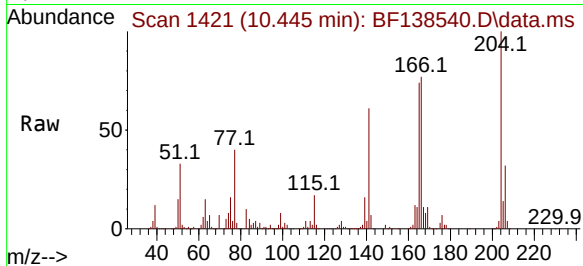




#61  
4-Chlorophenyl-phenylether  
Concen: 39.495 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

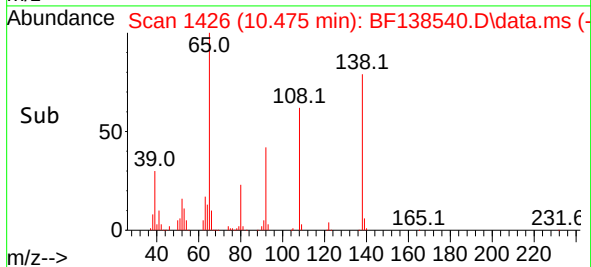
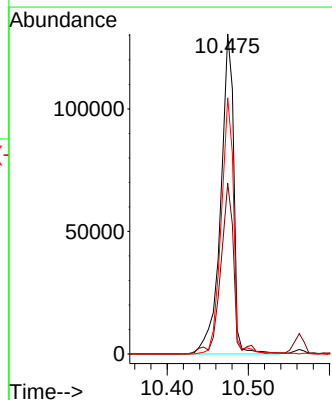
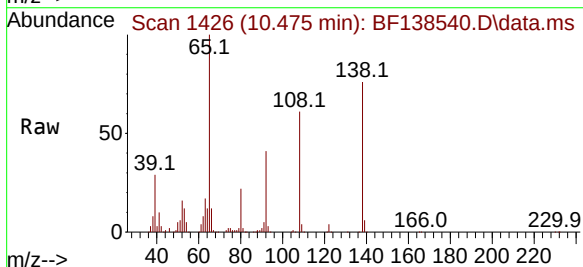
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

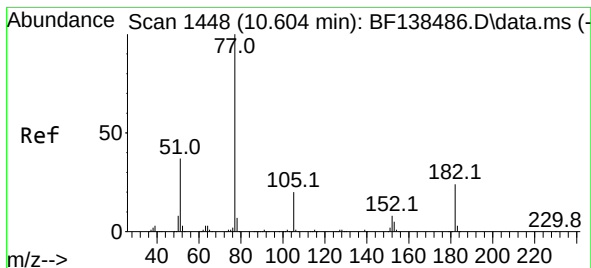
Tgt Ion:204 Resp: 299430  
Ion Ratio Lower Upper  
204 100  
206 32.0 25.6 38.4  
141 61.2 47.7 71.5



#62  
4-Nitroaniline  
Concen: 39.340 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:138 Resp: 146462  
Ion Ratio Lower Upper  
138 100  
92 53.3 35.8 75.8  
108 80.1 59.8 99.8





#63

Azobenzene

Concen: 39.272 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 640835

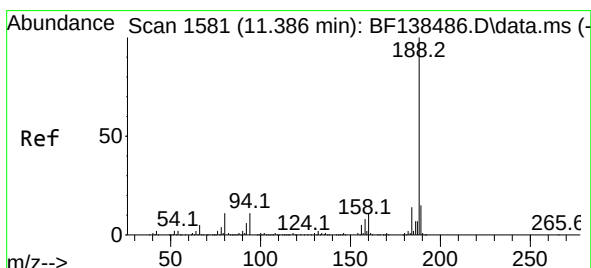
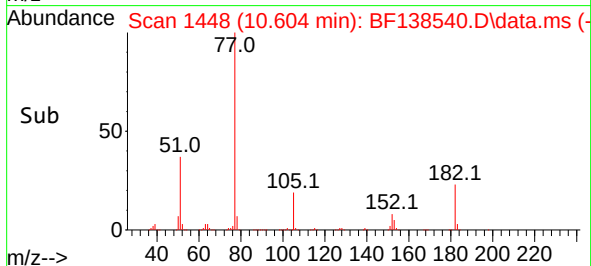
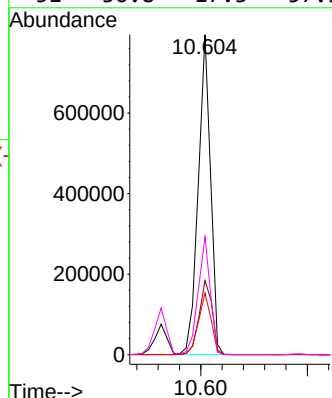
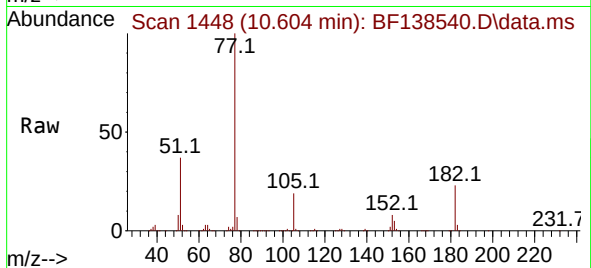
Ion Ratio Lower Upper

77 100

182 23.2 3.8 43.8

105 19.2 0.0 39.8

51 36.8 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: BF138540.D

Acq: 12 Jul 2024 11:53

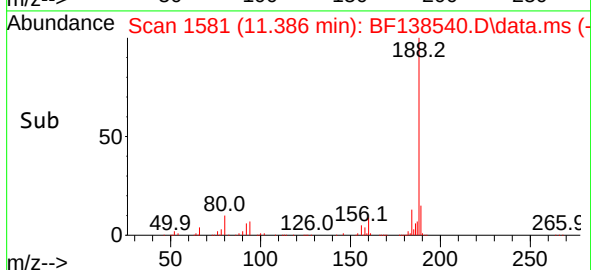
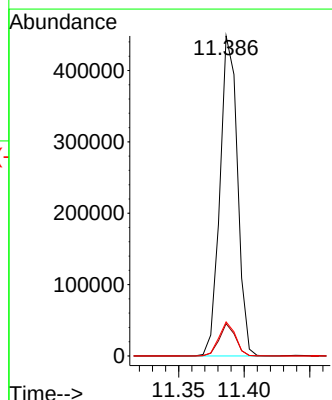
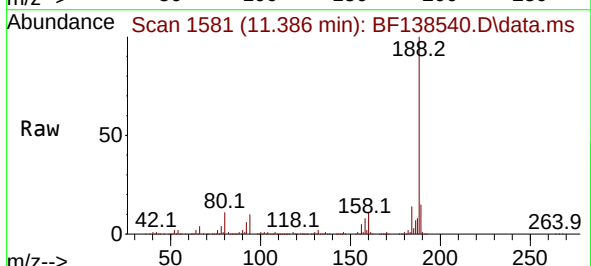
Tgt Ion:188 Resp: 416275

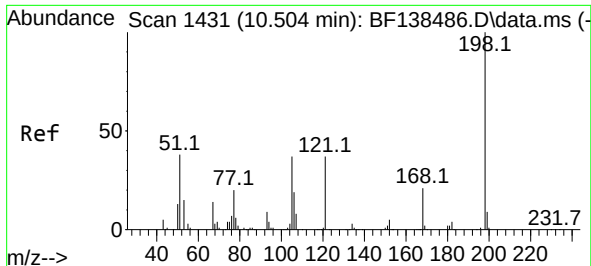
Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

80 10.6 9.0 13.4

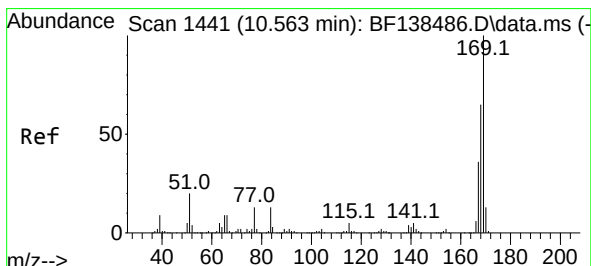
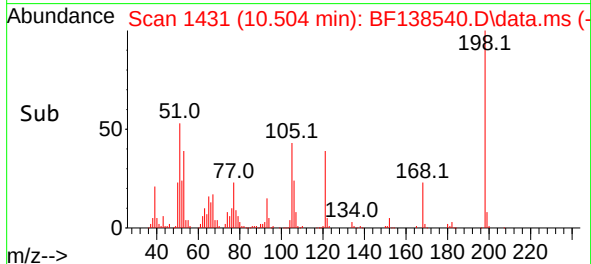
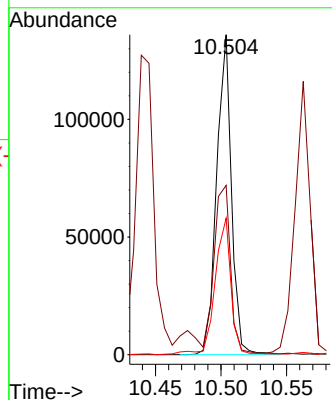
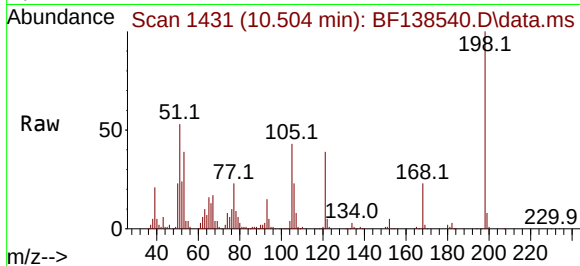




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.276 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

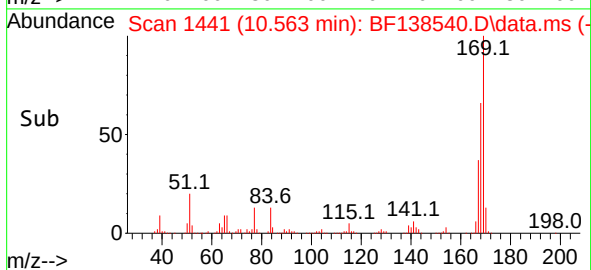
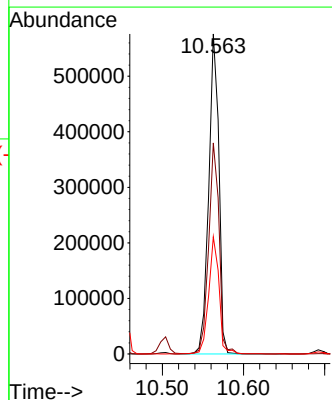
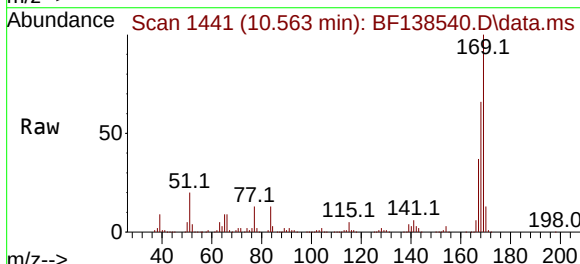
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

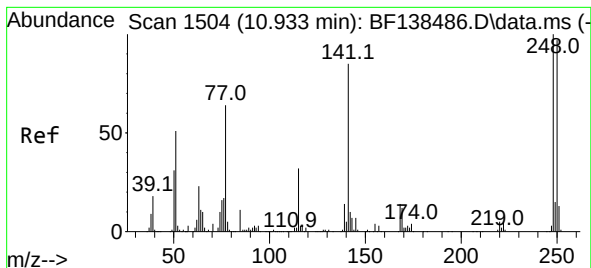
Tgt Ion:198 Resp: 106422  
Ion Ratio Lower Upper  
198 100  
51 52.9 27.2 67.2  
105 42.6 18.5 58.5



#66  
n-Nitrosodiphenylamine  
Concen: 39.897 ng  
RT: 10.563 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:169 Resp: 497594  
Ion Ratio Lower Upper  
169 100  
168 65.9 51.7 77.5  
167 36.6 28.5 42.7

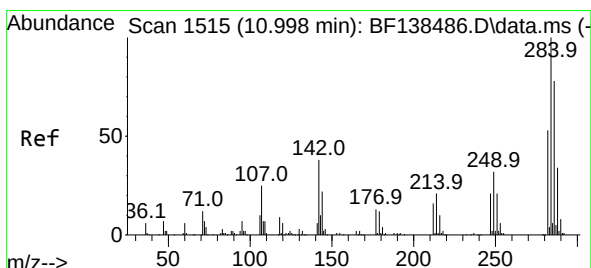
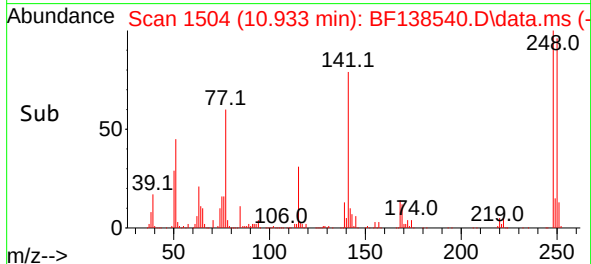
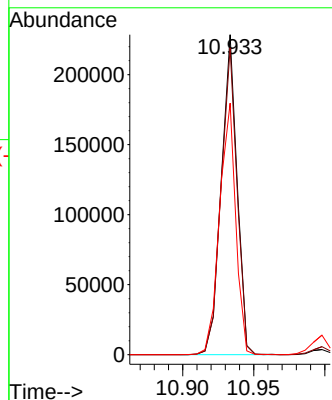
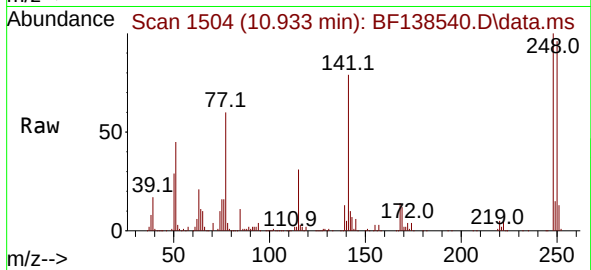




#67  
4-Bromophenyl-phenylether  
Concen: 41.341 ng  
RT: 10.933 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

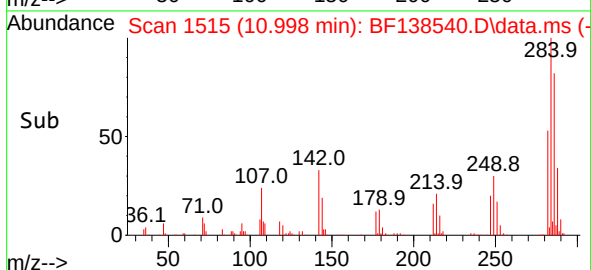
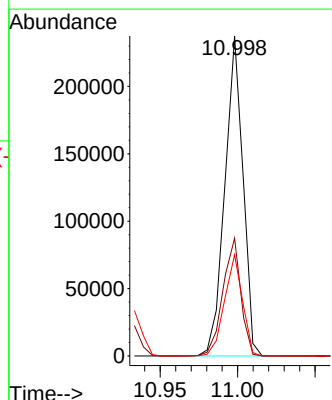
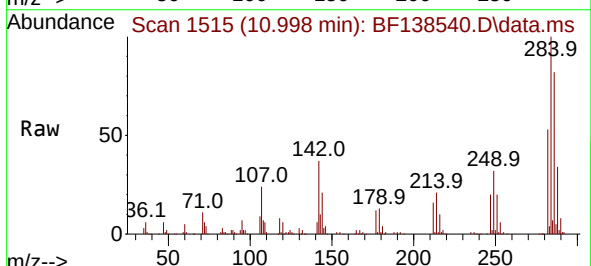
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

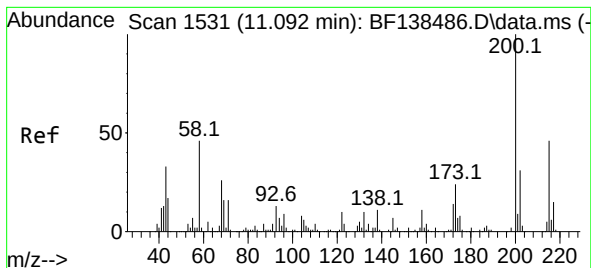
Tgt Ion:248 Resp: 176879  
Ion Ratio Lower Upper  
248 100  
250 95.9 77.9 116.9  
141 78.6 67.7 101.5



#68  
Hexachlorobenzene  
Concen: 40.564 ng  
RT: 10.998 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:284 Resp: 192806  
Ion Ratio Lower Upper  
284 100  
142 36.8 30.5 45.7  
249 31.7 25.9 38.9





#69

Atrazine

Concen: 36.834 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

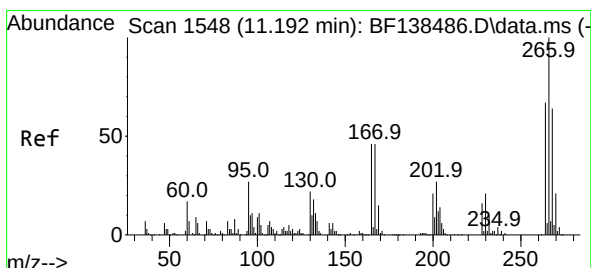
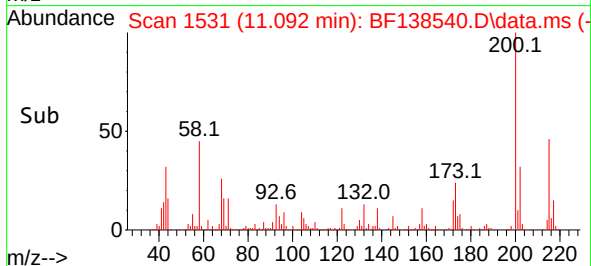
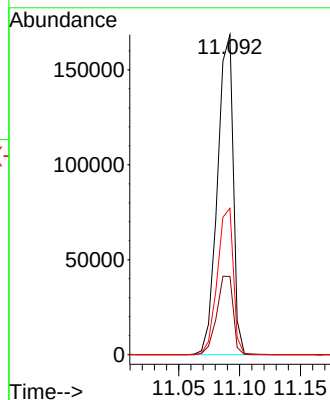
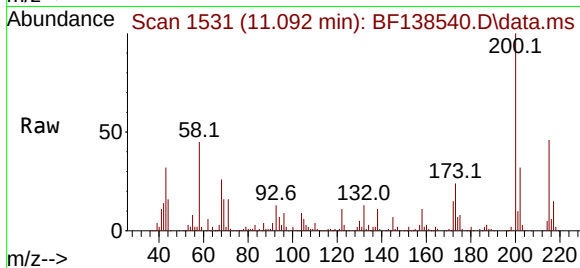
Tgt Ion:200 Resp: 152308

Ion Ratio Lower Upper

200 100

173 24.4 4.1 44.1

215 45.7 26.5 66.5



#70

Pentachlorophenol

Concen: 40.002 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

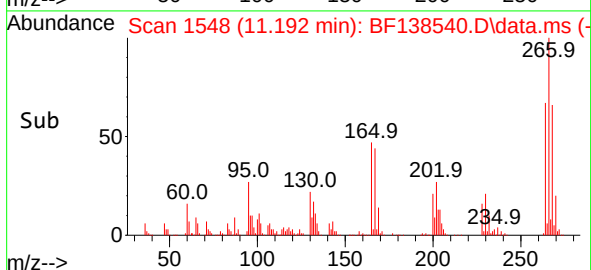
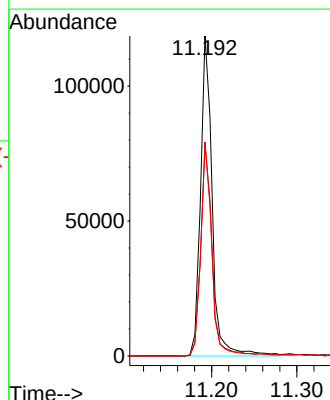
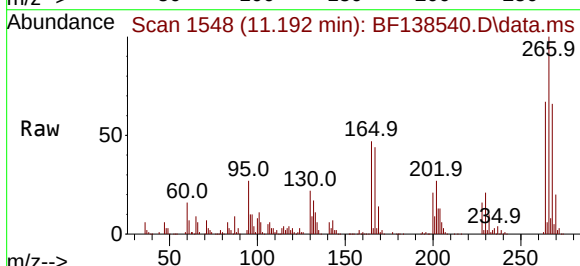
Tgt Ion:266 Resp: 112508

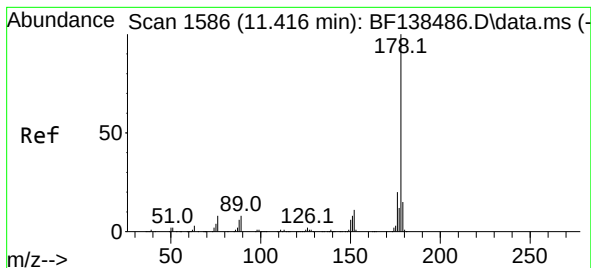
Ion Ratio Lower Upper

266 100

268 66.0 50.9 76.3

264 66.8 53.5 80.3





#71

Phenanthrene

Concen: 38.885 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

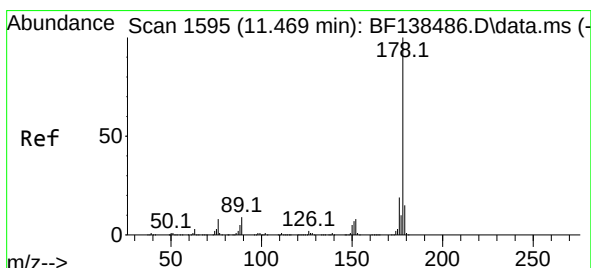
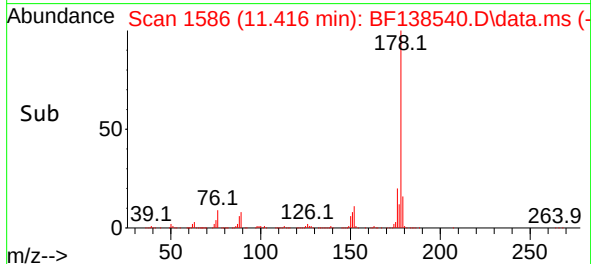
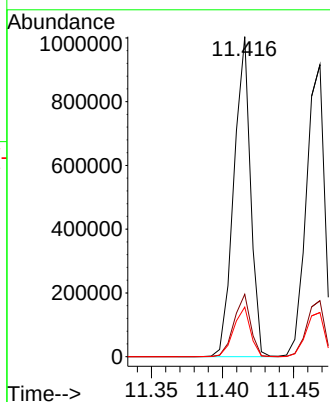
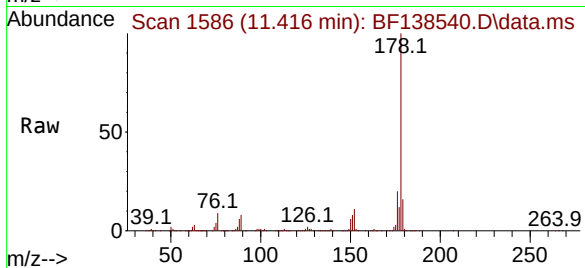
Tgt Ion:178 Resp: 817768

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.5 12.2 18.2



#72

Anthracene

Concen: 39.193 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

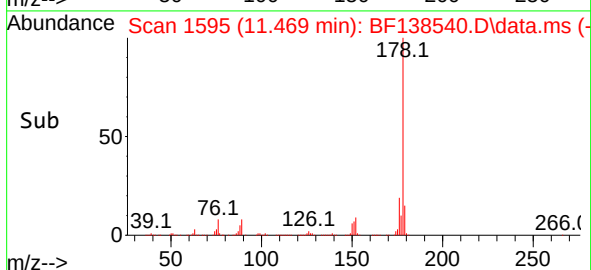
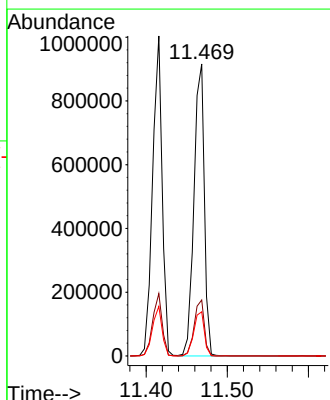
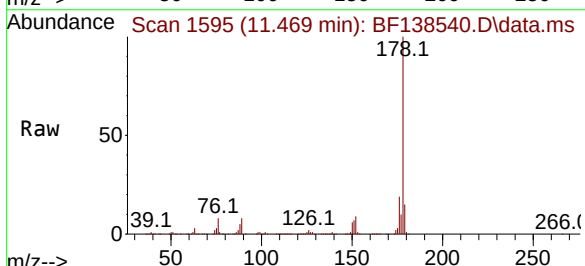
Tgt Ion:178 Resp: 818204

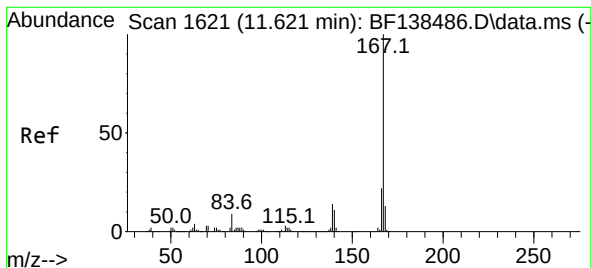
Ion Ratio Lower Upper

178 100

176 19.2 14.8 22.2

179 15.1 12.2 18.4





#73

Carbazole

Concen: 38.410 ng

RT: 11.621 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

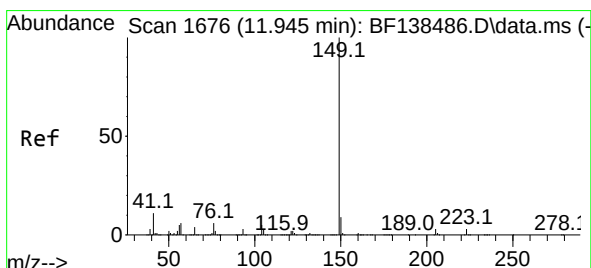
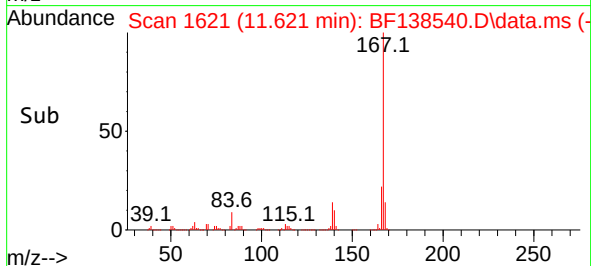
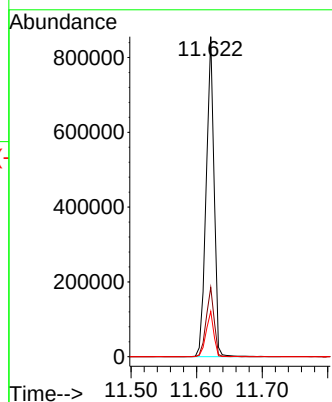
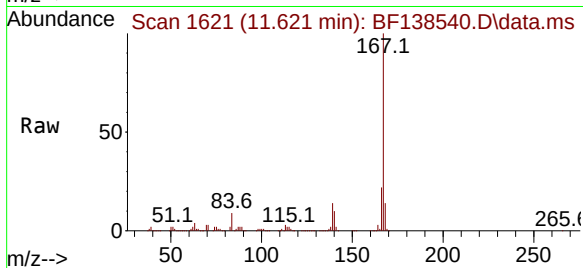
Tgt Ion:167 Resp: 720608

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

139 14.1 11.0 16.4



#74

Di-n-butylphthalate

Concen: 42.565 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

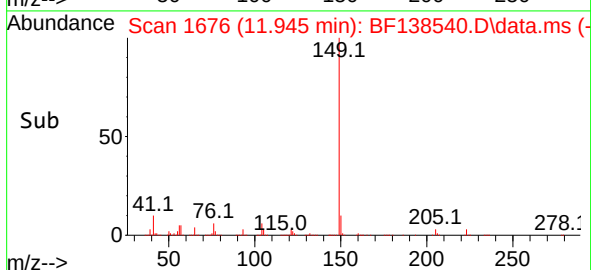
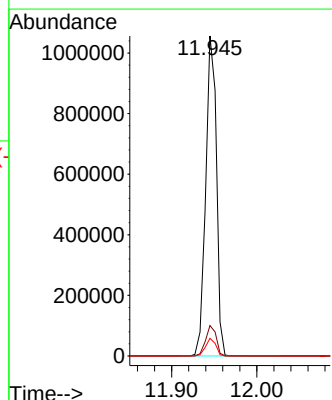
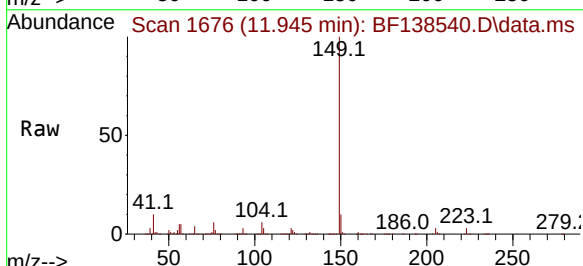
Tgt Ion:149 Resp: 920466

Ion Ratio Lower Upper

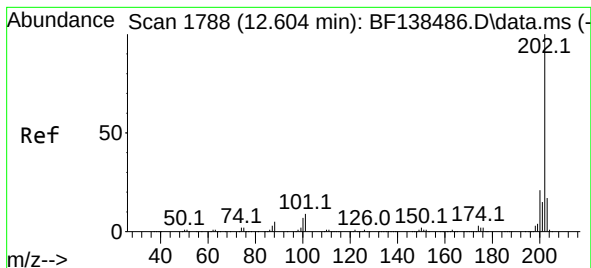
149 100

150 9.5 7.4 11.0

104 5.5 4.4 6.6







#75

Fluoranthene

Concen: 38.693 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

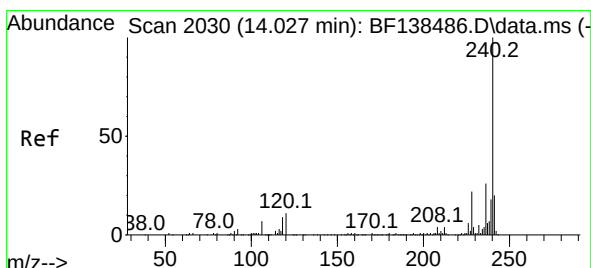
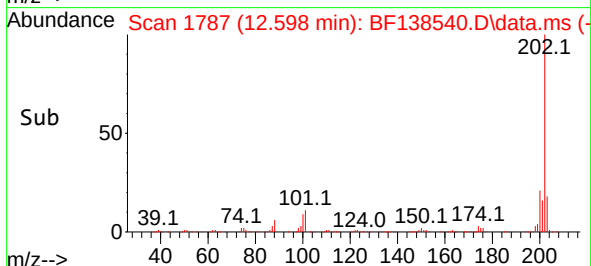
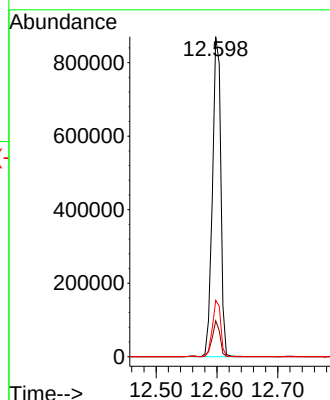
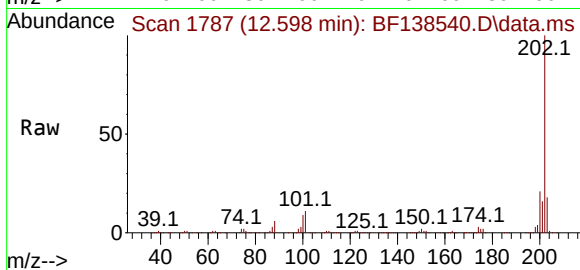
Tgt Ion:202 Resp: 830324

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.2

203 17.6 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: BF138540.D

Acq: 12 Jul 2024 11:53

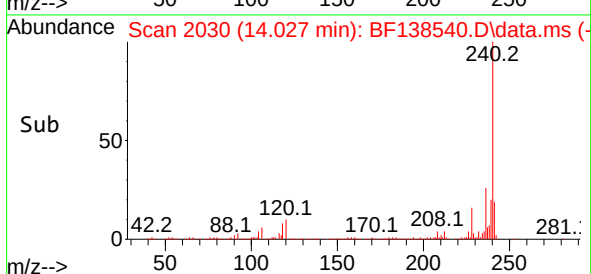
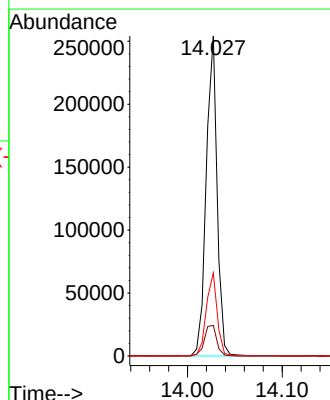
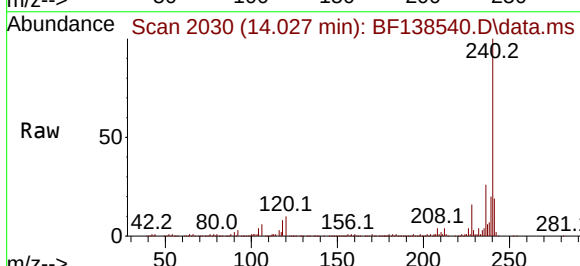
Tgt Ion:240 Resp: 201676

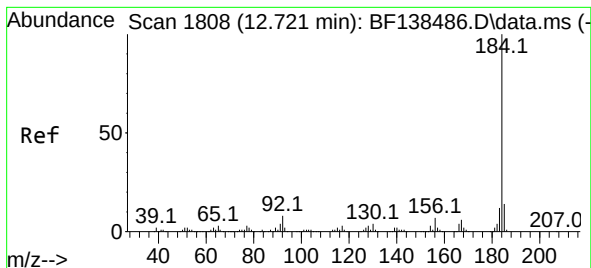
Ion Ratio Lower Upper

240 100

120 9.5 8.6 12.8

236 25.9 21.0 31.6





#77

Benzidine

Concen: 35.211 ng

RT: 12.721 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

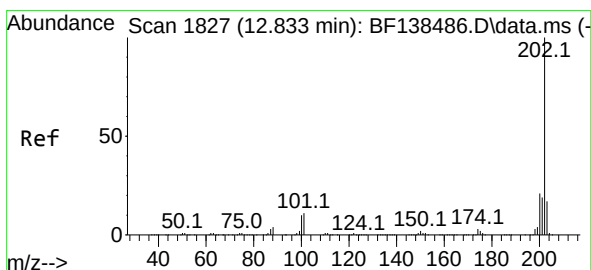
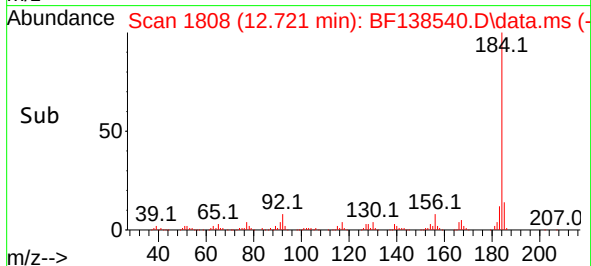
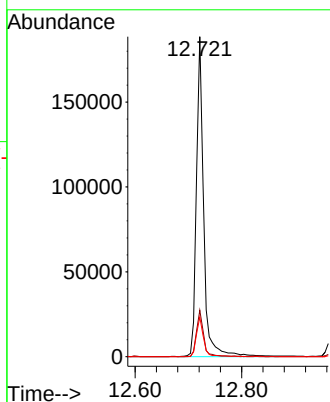
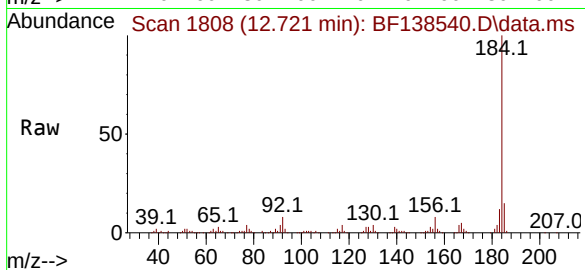
Tgt Ion:184 Resp: 179163

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

183 12.3 9.5 14.3



#78

Pyrene

Concen: 40.084 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

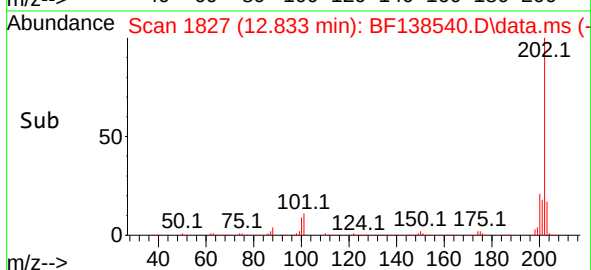
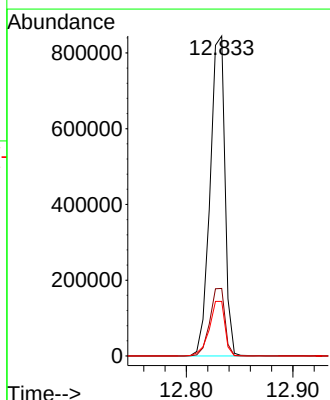
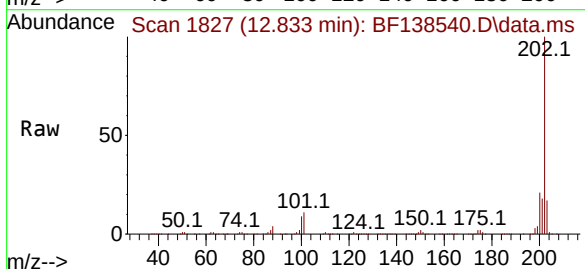
Tgt Ion:202 Resp: 820636

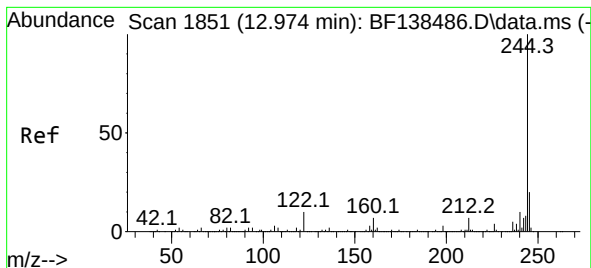
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 17.0 13.7 20.5





#79

Terphenyl-d14

Concen: 84.226 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

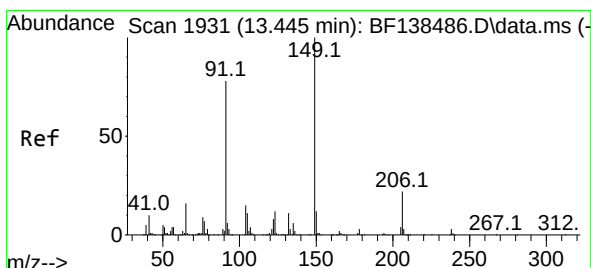
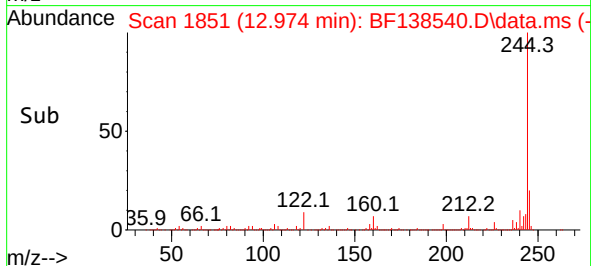
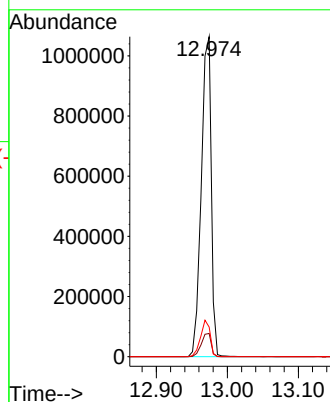
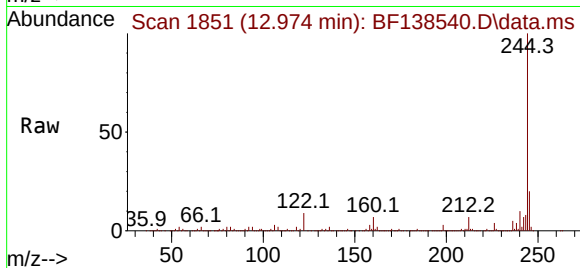
Tgt Ion:244 Resp: 1042670

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.3 7.8 11.8



#80

Butylbenzylphthalate

Concen: 45.674 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

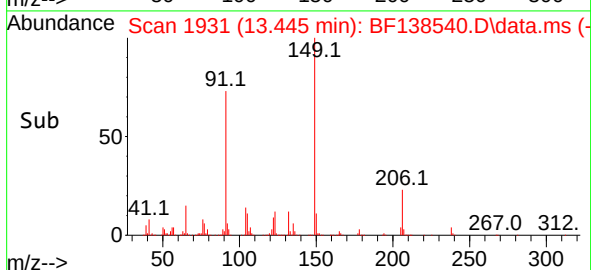
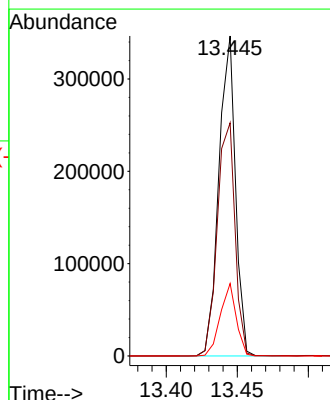
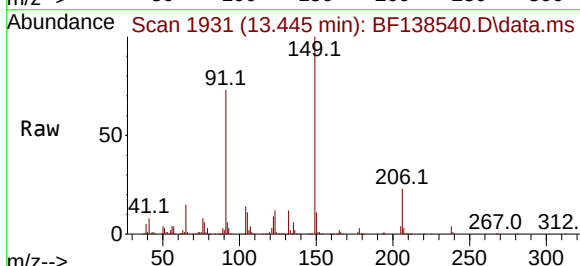
Tgt Ion:149 Resp: 281290

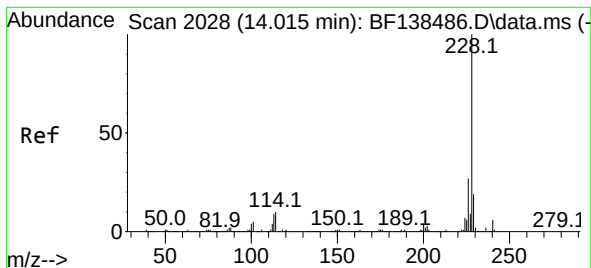
Ion Ratio Lower Upper

149 100

91 72.9 62.1 93.1

206 22.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 39.447 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

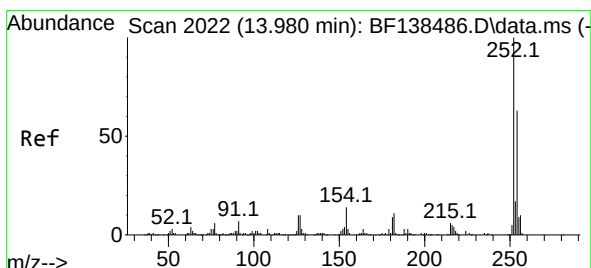
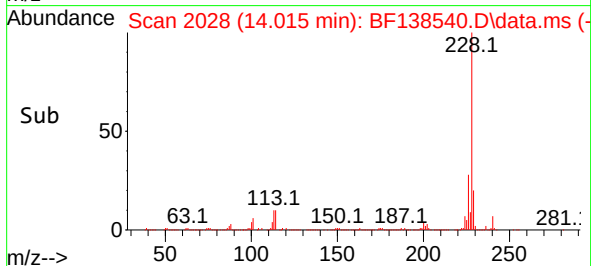
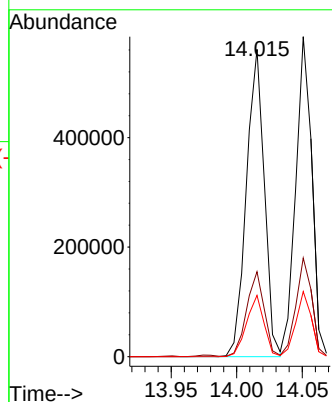
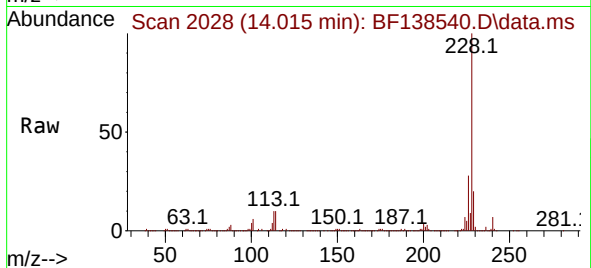
Tgt Ion:228 Resp: 533815

Ion Ratio Lower Upper

228 100

226 27.6 21.9 32.9

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 40.322 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

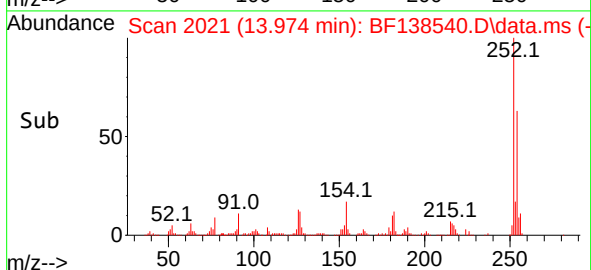
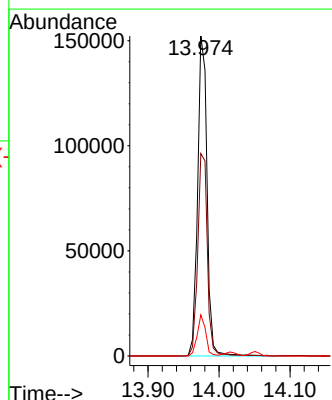
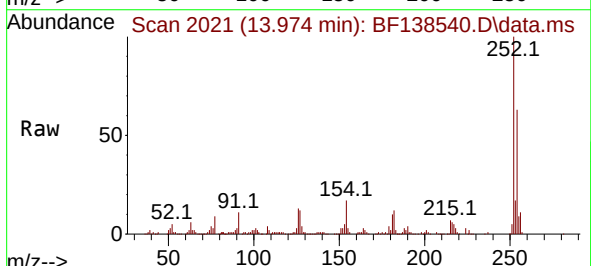
Tgt Ion:252 Resp: 140601

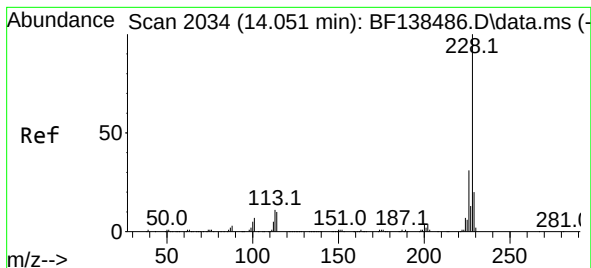
Ion Ratio Lower Upper

252 100

254 63.3 50.3 75.5

126 12.8 8.1 12.1#





#83

Chrysene

Concen: 39.073 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

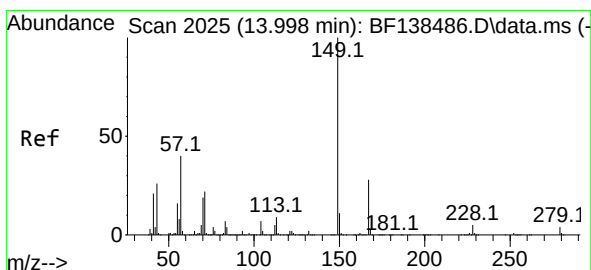
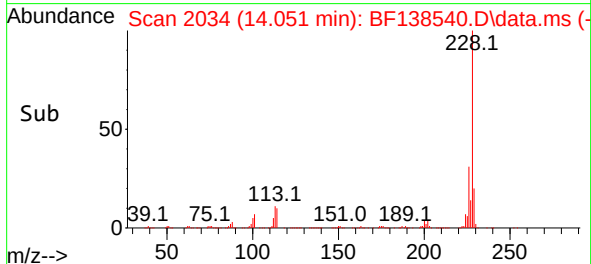
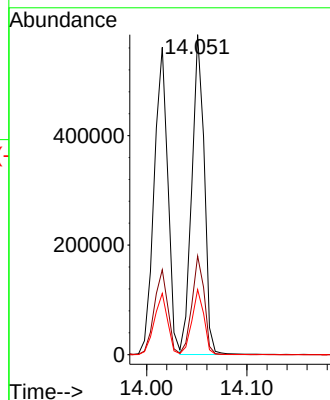
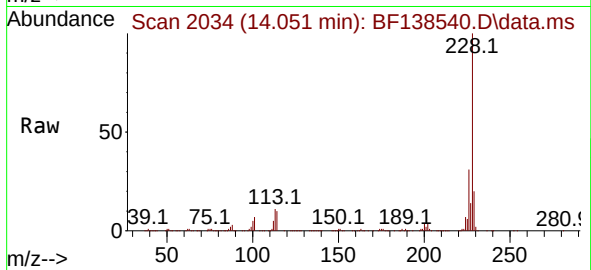
Tgt Ion:228 Resp: 500199

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.980 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

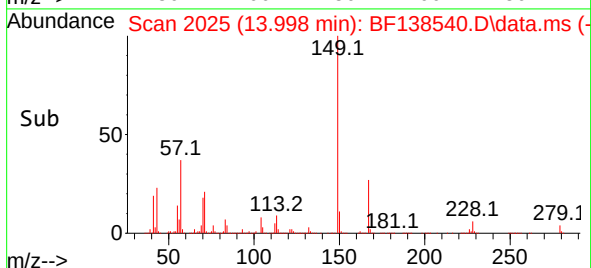
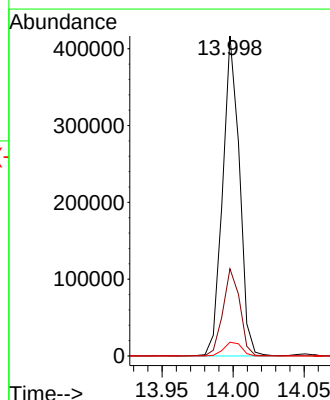
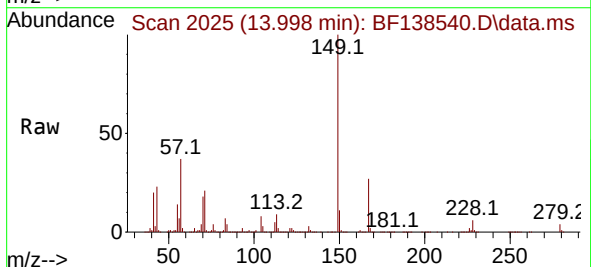
Tgt Ion:149 Resp: 341421

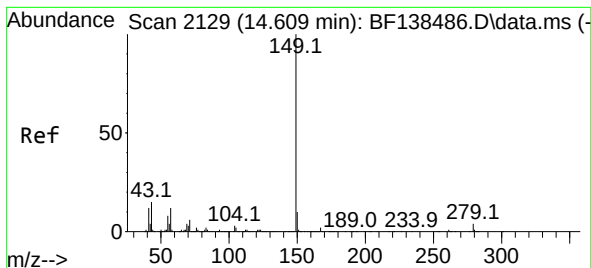
Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 51.609 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

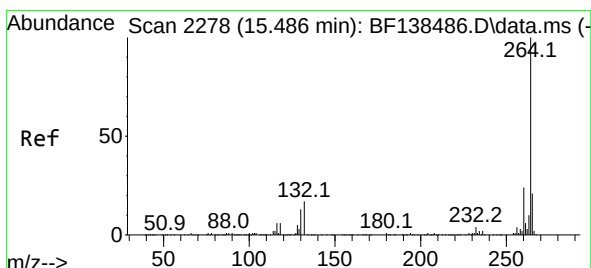
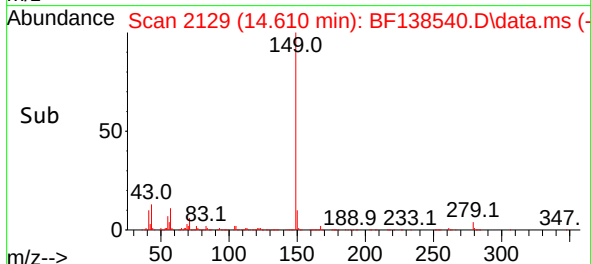
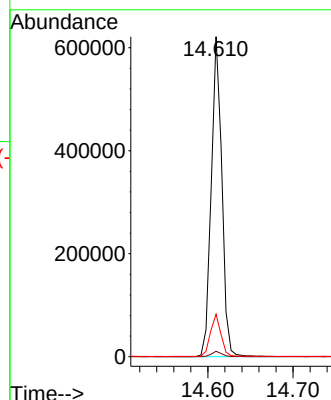
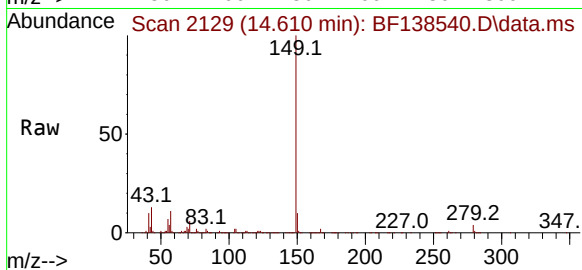
Tgt Ion:149 Resp: 535502

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.2 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.006 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

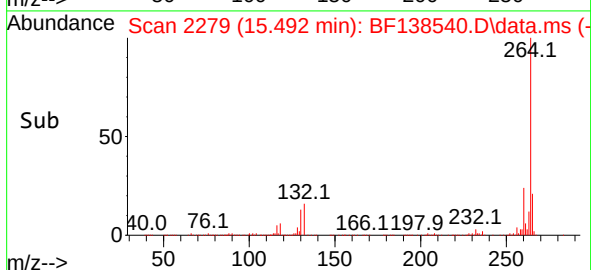
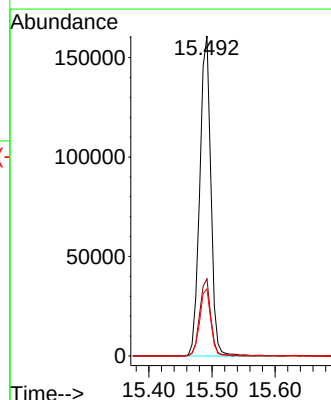
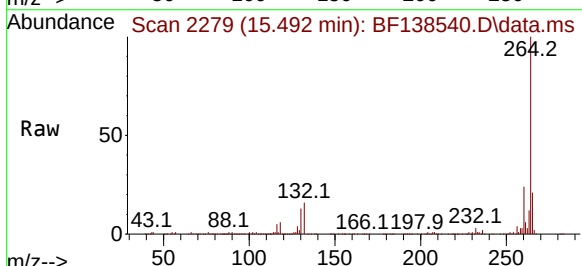
Tgt Ion:264 Resp: 196107

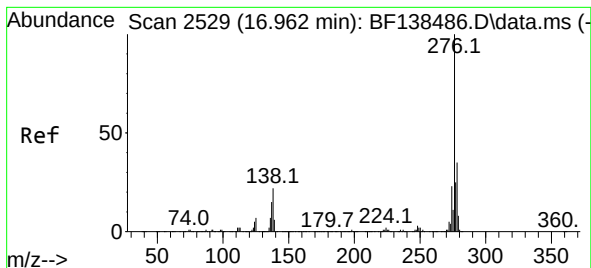
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.530 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

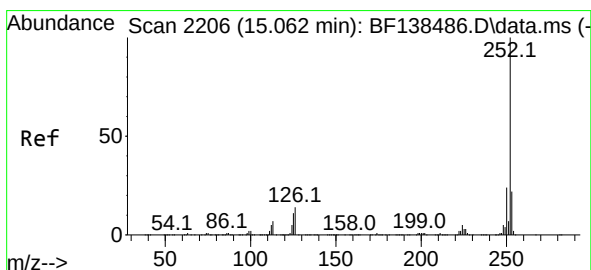
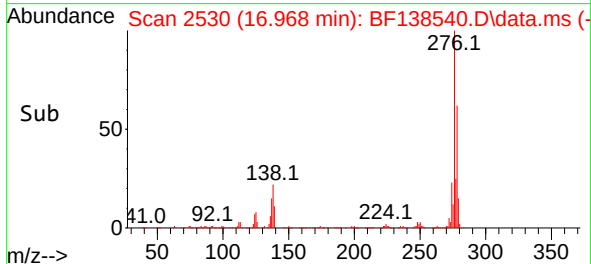
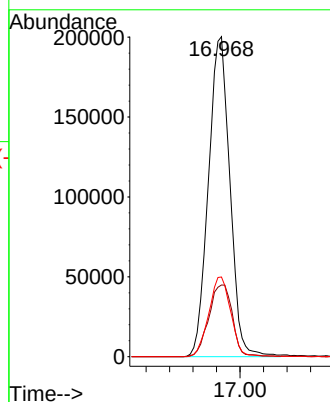
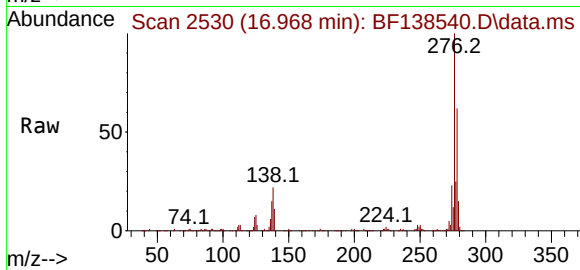
Tgt Ion:276 Resp: 507535

Ion Ratio Lower Upper

276 100

138 24.6 19.6 29.4

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 39.019 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

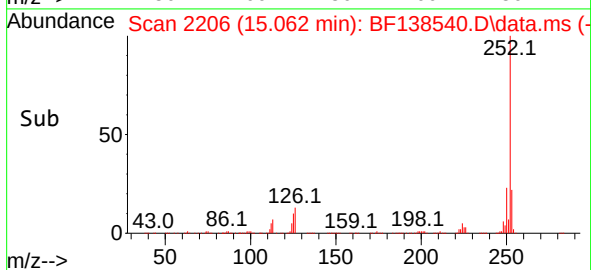
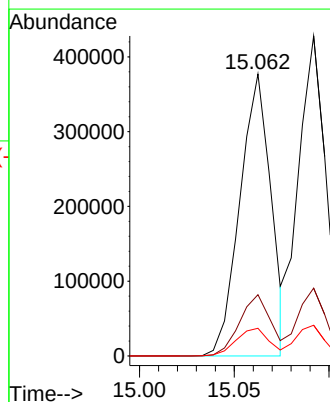
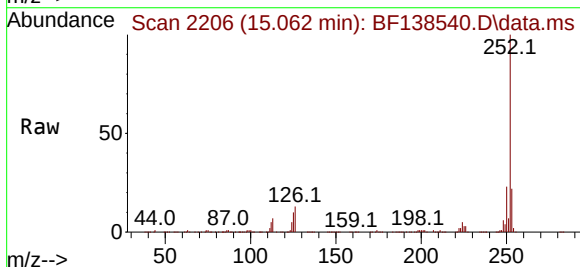
Tgt Ion:252 Resp: 430935

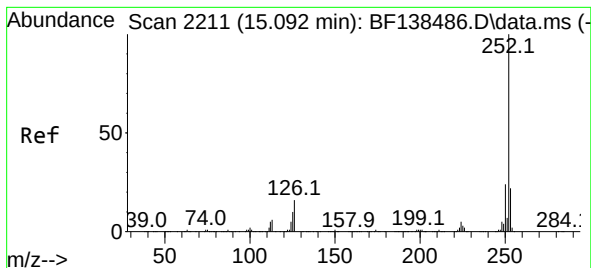
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.9 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 39.792 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

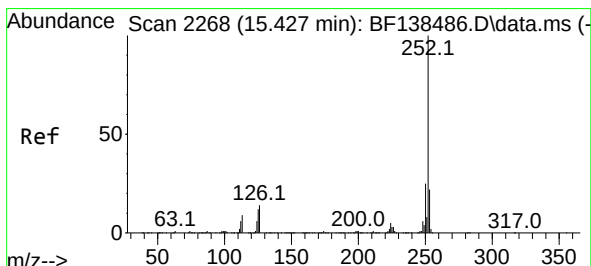
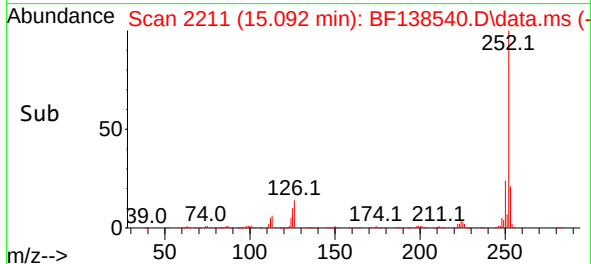
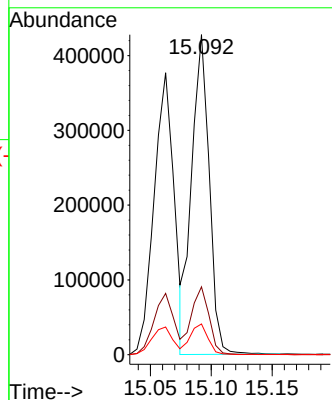
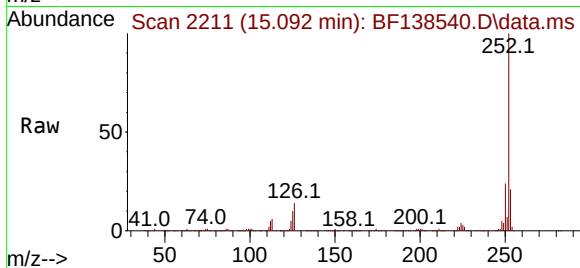
Tgt Ion:252 Resp: 428609

Ion Ratio Lower Upper

252 100

253 21.2 17.7 26.5

125 9.6 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.480 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138540.D

Acq: 12 Jul 2024 11:53

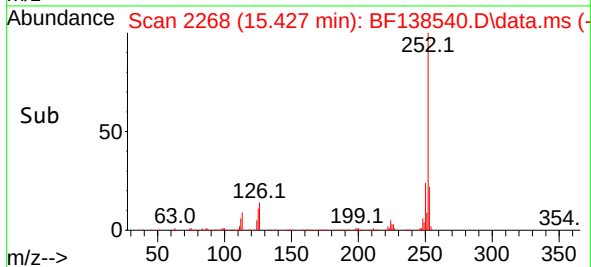
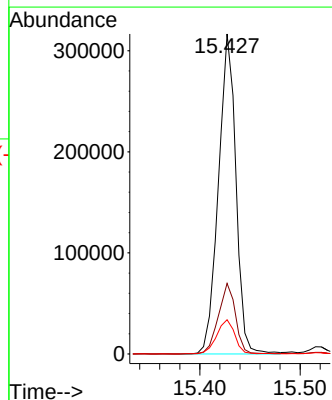
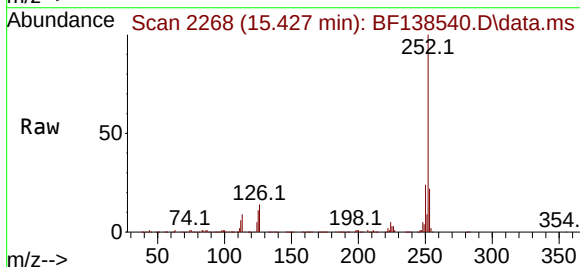
Tgt Ion:252 Resp: 383032

Ion Ratio Lower Upper

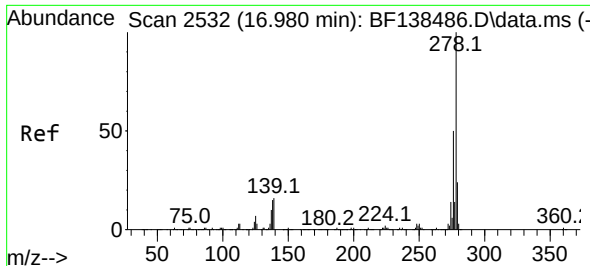
252 100

253 22.0 17.4 26.0

125 10.7 9.4 14.2



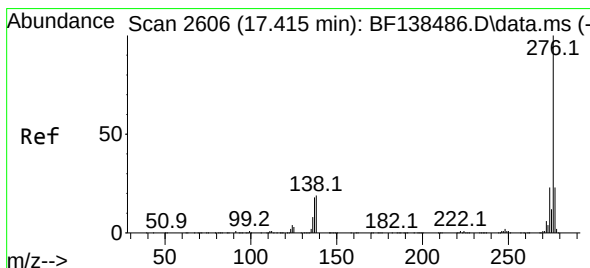
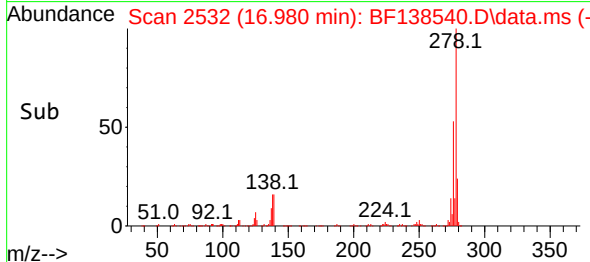
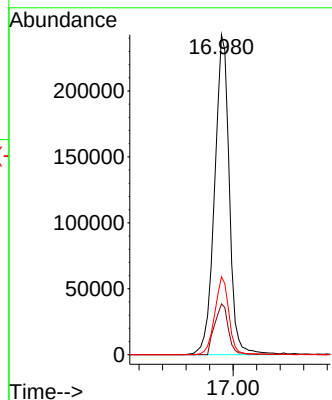
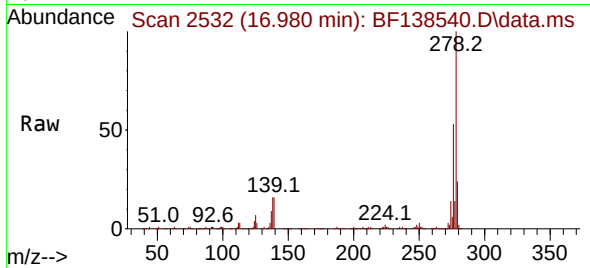




#91  
Dibenzo(a,h)anthracene  
Concen: 39.119 ng  
RT: 16.980 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 421516  
Ion Ratio Lower Upper  
278 100  
139 15.9 12.8 19.2  
279 24.3 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 37.363 ng  
RT: 17.409 min Scan# 2605  
Delta R.T. -0.006 min  
Lab File: BF138540.D  
Acq: 12 Jul 2024 11:53

Tgt Ion:276 Resp: 426905  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.0 27.0  
138 21.6 15.5 23.3

